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ERRATUM

MPC	Line	
23240	−12	*For* (1994 observations) *read* (1986 observations)

DELETED OBSERVATION

The following observation is to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	N Obs.
1929 CK_1	1929 02	11.90157	08 13.4	+25 00.9	*MPC* 20857	1 012

Note 1: 1929 CK_1 = (302).

IDENTIFICATION CHANGES

Continuation to *MPC* 23151.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	Obs.
A923 WB	∗ 1923 11	18.371	03 20 42	+19 09.4	A923 VB	15.7	754
1990 AG_1	∗ 1990 01	02.09097	07 21 34.89	+26 56 05.1	1989 YL_6		511
1990 AG_1	1990 01	02.11806	07 21 32.93	+26 55 56.4	1989 YL_6		511

IDENTIFICATION WITH A COMET

S. Nakano reports the following identification (cf. *MPC* 21628):

1992 YF_5 = P/Mueller 5

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

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

098 Cima Ekar. 0.67-m $f/3.2$ Schmidt. Observers A. Boattini, M. Tombelli, V. Goretti and U. Munari.

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

111 Osservatorio di Piazzano, Florence. 0.20-m $f/10$ Schmidt Cassegrain + CCD. Observers R. Bettarini, A. Boattini and M. Tombelli. $\lambda = 10^{\circ}.9721$, $\rho\cos\phi' = 0.72439$, $\rho\sin\phi' = +0.68710$ (see *MPC* 22434).

323 Perth Observatory, Bickley. 0.3-m astrograph. Observers C. Bowers, P. Jekabsons, G. Lowe, T. Smith 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.

391 Sendai Observatory, Ayashi Station. 0.30-m $f/3.8$ reflector. Observer M. Koishikawa.

410 Sengamine. 0.20-m $f/6.0$ reflector + CCD. Observer K. Ito.

411 Oizumi. 0.25-m $f/4.4$ reflector + CCD. Observer T. Kobayashi.

413 Siding Spring. 1.0-m reflector + CCD. Observers M. J. Drinkwater and R. H. McNaught.

474 Mt. John Observatory. 0.6-m reflector. Observers A. C. Gilmore and P. M. Kilmartin.

477 Galleywood. 0.47-m reflector + CCD. Observer M. Mobberley. Measured by N. James.

540 Linz. 0.3-m $f/5.2$ Schmidt-Cassegrain + CCD. Observers E. Meyer, E. Obermair, H. Raab and A. Tetkovic.

587 Sormano. 0.5-m reflector + CCD. Observers P. Sicoli and V. Guiliani.

605 Marl. 0.2-m $f/10$ Schmidt-Cassegrain + CCD. Observer E. Jung.

657 Climenhaga Observatory, Victoria. 0.5-m reflector + CCD. Observers D. D. Balam and J. B. Tatum.

658 Dominion Astrophysical Observatory, Victoria. 1.82-m Plaskett telescope + CCD. Observers D. D. Balam, J. B. Tatum and G. C. L. Aikman. Measured by D. D. Balam.

675 Palomar. 1.2-m and 0.46-m Schmidts. Observers E. Helin, H. E. Holt, K. Lawrence, D. H. Levy, J. Mueller, C. S. Shoemaker and D. Williams. Measured by K. Lawrence, J. Mueller and B. A. Skiff.

691 Kitt Peak. 0.91-m Spacewatch telescope. Observers T. Gehrels, R. Jedicke, D. Rabinowitz and J. V. Scotti.

711 McDonald Observatory. 0.76-m telescope + prime-focus camera and 2.1-m Struve reflector + CCD. Observers A. L. Whipple and P. MacQueen. 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.

871 Akou. 0.33-m $f/3.3$ reflector + CCD. Observer K. Kawanishi.

887 Ojima. 0.30-m $f/5.8$ reflector + CCD. Observer T. Niijima. Measurer T. Urata.

970 Chelmsford. 0.3-m reflector. Observer N. James. Communicated by G. M. Hurst.

978 Conder Brow. Observer D. Buczynski. Measured by N. James.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
	Periodic Comet Schwassmann-Wachmann 2					
/1987 XIX	1994 01	16.18900	08 34 37.16	+18 05 22.1		978
/1987 XIX	1994 01	17.03940	08 34 05.73	+18 09 47.2	12.4 T	605
/1987 XIX	1994 01	17.04436	08 34 05.74	+18 09 48.4	12.5 T	605
/1987 XIX	1994 01	17.05310	08 34 05.29	+18 09 50.4	12.5 T	605
/1987 XIX	1994 02	04.90972	08 21 44.90	+19 49 19.2		978
/1987 XIX	1994 02	07.86061	08 20 03.02	+20 03 29.3		477
/1987 XIX	1994 02	14.93946	08 16 42.15	+20 33 52.8	12.2 T	605
/1987 XIX	1994 02	14.94278	08 16 42.21	+20 33 52.9	12.2 T	605
/1987 XIX	1994 02	15.92932	08 16 20.05	+20 37 40.8	12.5 T	605
/1987 XIX	1994 02	15.93547	08 16 19.87	+20 37 43.2	12.5 T	605
/1987 XIX	1994 02	16.92201	08 15 59.36	+20 41 21.9	12.2 T	605
/1987 XIX	1994 02	17.92609	08 15 40.27	+20 44 57.1	12.4 T	605
/1987 XIX	1994 02	18.88706	08 15 23.47	+20 48 15.6	12.5 T	605
/1987 XIX	1994 02	18.89223	08 15 23.46	+20 48 16.7	12.6 T	605
/1987 XIX	1994 03	02.82797	08 14 18.25	+21 18 51.5		970
/1987 XIX	1994 03	10.62292	08 16 03.44	+21 27 58.3	12.0 T	360
/1987 XIX	1994 03	10.62569	08 16 03.47	+21 27 58.4		360
/1987 XIX	1994 03	10.82691	08 16 08.18	+21 28 04.3		970
/1987 XIX	1994 03	10.88981	08 16 09.51	+21 28 05.8	13.1 T	605
/1987 XIX	1994 03	10.89591	08 16 09.66	+21 28 04.7	13.0 T	605
/1987 XIX	1994 03	19.87660	08 20 39.67	+21 27 28.4	13.2 T	605
/1987 XIX	1994 03	19.88095	08 20 39.78	+21 27 27.9	13.3 T	605
/1987 XIX	1994 03	27.85800	08 26 37.18	+21 17 39.9	13.5 T	605
/1987 XIX	1994 03	27.87370	08 26 37.92	+21 17 38.5	13.5 T	605
/1987 XIX	1994 03	30.87285	08 29 18.19	+21 11 46.5	13.1 T	605
/1987 XIX	1994 03	30.87671	08 29 18.32	+21 11 45.1	13.1 T	605
/1987 XIX	1994 03	30.88116	08 29 18.62	+21 11 45.0	13.1 T	605
/1987 XIX	1994 03	31.53970	08 29 55.18	+21 10 21.4	12.9 T	360
/1987 XIX	1994 03	31.54219	08 29 55.31	+21 10 21.1		360
/1987 XIX	1994 04	02.51601	08 31 49.54	+21 05 40.9	13.3 T	410
/1987 XIX	1994 04	02.52036	08 31 49.77	+21 05 40.2		410
	Periodic Comet Gunn					
/1989 XI	1994 03	17.56690	07 06 50.52	+31 11 21.1	18.0 T	360
/1989 XI	1994 03	17.57118	07 06 50.55	+31 11 20.5		360
	Periodic Comet Schwassmann-Wachmann 1					
/1989 XV	1994 01	17.00255	07 25 42.40	+26 19 03.4	15.3 T	605
/1989 XV	1994 02	14.91518	07 12 45.44	+26 13 56.9	12.5 T	605
/1989 XV	1994 02	14.92154	07 12 45.30	+26 13 56.3	12.3 T	605
/1989 XV	1994 02	15.91034	07 12 26.09	+26 13 21.8	12.5 T	605
/1989 XV	1994 02	15.91704	07 12 25.98	+26 13 22.0	12.5 T	605
/1989 XV	1994 02	16.90637	07 12 07.40	+26 12 44.2	12.7 T	605
/1989 XV	1994 02	16.91016	07 12 07.31	+26 12 43.0	12.6 T	605
/1989 XV	1994 02	17.87404	07 11 49.97	+26 12 06.8	12.6 T	605
/1989 XV	1994 02	18.86918	07 11 32.45	+26 11 28.4	12.9 T	605
/1989 XV	1994 03	10.87381	07 08 09.81	+25 53 25.9	14.1 T	605
/1989 XV	1994 03	10.87902	07 08 09.80	+25 53 24.9	13.9 T	605
/1989 XV	1994 03	17.52569	07 08 07.42	+25 45 42.2	16.3 N	360
/1989 XV	1994 03	17.52951	07 08 07.41	+25 45 41.9		360
/1989 XV	1994 03	19.89617	07 08 14.68	+25 42 47.6	14.6 T	605
/1989 XV	1994 03	19.90764	07 08 14.76	+25 42 45.7	14.6 T	605
/1989 XV	1994 03	30.51539	07 09 35.59	+25 28 34.7	15.3 T	360
/1989 XV	1994 03	30.51806	07 09 35.63	+25 28 34.2		360
/1989 XV	1994 03	31.53032	07 09 47.41	+25 27 08.0	15.2 T	360
/1989 XV	1994 03	31.53264	07 09 47.44	+25 27 07.9		360
	Comet Austin (1990 V)					
/1990 V	1990 05	21.77127	20 50 01.83	+13 30 19.4		323
/1990 V	1990 05	21.78218	20 49 51.53	+13 28 28.3		323
/1990 V	1990 05	22.74774	20 34 44.49	+10 39 00.5		323
/1990 V	1990 05	23.74896	20 18 40.30	+07 32 42.9		323
	Periodic Comet Schwassmann-Wachmann 3					
/1990 VIII	1990 03	26.84375	17 18 52.51	−01 45 42.5		323
	Periodic Comet Ashbrook-Jackson					
/1992j	1993 08	17.84097	01 32 05.50	+09 40 02.3		323
/1992j	1993 12	12.99868	00 48 38.49	+15 29 14.6		801
/1992j	1993 12	13.02270	00 48 39.16	+15 29 19.5		1 801
/1992j	1994 01	17.74450	01 18 28.71	+18 22 04.9	15.9 T	605
/1992j	1994 01	17.75134	01 18 29.44	+18 22 07.3	15.6 T	605
/1992j	1994 01	17.78549	01 18 31.43	+18 22 20.2	15.1 T	605
/1992j	1994 03	30.44010	03 01 33.23	+26 25 44.0	17.9 T	360
/1992j	1994 03	30.44288	03 01 33.48	+26 25 45.9		360
	Periodic Comet Gehrels 3					
/1992v	1994 04	05.24715	09 41 10.10	+12 24 51.8	19.8 T	691
/1992v	1994 04	05.26453	09 41 10.02	+12 24 52.6	19.9 T	691
/1992v	1994 04	05.28150	09 41 09.87	+12 24 53.5	21.7 N	691
	Periodic Comet Kojima					
/1992z	1994 03	10.64010	09 16 31.06	+15 42 33.2	18.0 T	360
/1992z	1994 03	10.64306	09 16 31.01	+15 42 32.7		360
/1992z	1994 03	17.58073	09 15 19.93	+15 51 23.3	17.9 T	360
/1992z	1994 03	17.58542	09 15 19.89	+15 51 23.7		360
/1992z	1994 04	06.12126	09 18 58.13	+15 43 18.7	20.7 N	691
/1992z	1994 04	06.12879	09 18 58.32	+15 43 18.1	18.3 T	691
/1992z	1994 04	06.13665	09 18 58.50	+15 43 17.2	18.2 T	691
	Periodic Comet Bus					
/1993b	1994 03	07.36443	11 17 24.15	+03 22 25.4	16.3 T	691
/1993b	1994 03	07.39729	11 17 22.82	+03 22 36.4		691
/1993b	1994 03	07.43254	11 17 21.26	+03 22 49.4		691
/1993b	1994 03	15.69201	11 11 45.49	+04 11 11.3	16.5 T	2 360
/1993b	1994 03	15.69630	11 11 45.30	+04 11 12.8		2 360
/1993b	1994 03	17.61181	11 10 29.04	+04 22 23.2	16.3 T	2 360
/1993b	1994 03	17.61528	11 10 28.88	+04 22 24.5		2 360
/1993b	1994 04	06.17623	11 00 19.96	+05 59 36.1	20.3 N	691
/1993b	1994 04	06.18382	11 00 19.80	+05 59 37.9	16.7 T	691
/1993b	1994 04	06.18960	11 00 19.67	+05 59 38.9		691
	Periodic Comet Tempel 1					
/1993c	1994 02	16.97454	13 26 22.02	+09 14 09.6	14.4 T	605
/1993c	1994 02	16.98142	13 26 22.21	+09 14 10.4	14.6 T	605
/1993c	1994 02	16.98971	13 26 22.54	+09 14 11.9	14.5 T	605
/1993c	1994 02	18.97694	13 27 37.54	+09 20 41.5	14.6 T	605

/1993c	1994 02 18.98109	13 27 37.65	+09 20 42.9	14.5 T	605
/1993c	1994 02 18.99129	13 27 38.08	+09 20 46.0	14.6 T	605
/1993c	1994 03 07.45869	13 33 46.58	+10 33 29.9		658
/1993c	1994 03 07.46076	13 33 46.59	+10 33 30.5		658
/1993c	1994 03 10.99192	13 33 59.92	+10 52 08.4	13.9 T	605
/1993c	1994 03 10.99543	13 33 59.92	+10 52 09.2	14.0 T	605
/1993c	1994 03 11.00220	13 33 59.89	+10 52 11.5	13.9 T	605
/1993c	1994 03 11.99251	13 33 59.13	+10 57 33.7		098
/1993c	1994 03 12.01354	13 33 58.97	+10 57 39.4		098
/1993c	1994 03 12.29245	13 33 58.35	+10 59 09.3		801
/1993c	1994 03 12.31905	13 33 58.21	+10 59 17.7		801
/1993c	1994 03 12.95741	13 33 56.48	+11 02 43.6		098
/1993c	1994 03 21.97249	13 32 00.33	+11 49 51.6	13.3 T	605
/1993c	1994 03 21.97836	13 32 00.17	+11 49 51.9	13.2 T	605
/1993c	1994 03 21.98356	13 32 00.05	+11 49 52.2	13.2 T	605
/1993c	1994 04 02.67213	13 25 43.94	+12 35 48.5	11.0 T	410
/1993c	1994 04 02.67581	13 25 43.82	+12 35 49.8		410

Periodic Comet Shoemaker-Levy 9

/1993e	1994 02 17.47338	14 40 27.73	−16 21 23.7	E 711
/1993e	1994 02 17.47338	14 40 26.23	−16 21 35.1	G 711
/1993e	1994 02 17.47338	14 40 25.23	−16 21 43.3	H 711
/1993e	1994 02 17.47338	14 40 24.03	−16 21 52.8	K 711
/1993e	1994 02 17.47338	14 40 23.01	−16 22 00.8	L 711
/1993e	1994 02 17.47338	14 40 21.45	−16 22 08.6	P 711
/1993e	1994 02 17.47338	14 40 21.14	−16 22 14.2	Q 711
/1993e	1994 02 17.47338	14 40 20.36	−16 22 21.2	R 711
/1993e	1994 02 17.47338	14 40 19.45	−16 22 27.5	S 711
/1993e	1994 02 17.47338	14 40 18.13	−16 22 38.3	W 711
/1993e	1994 02 17.49455	14 40 27.84	−16 21 24.6	E 711
/1993e	1994 02 17.49455	14 40 26.51	−16 21 36.1	G 711
/1993e	1994 02 17.49455	14 40 25.31	−16 21 43.5	H 711
/1993e	1994 02 17.49455	14 40 24.19	−16 21 53.7	K 711
/1993e	1994 02 17.49455	14 40 23.15	−16 22 01.8	L 711
/1993e	1994 02 17.49455	14 40 21.50	−16 22 10.3	P 711
/1993e	1994 02 17.49455	14 40 21.35	−16 22 15.5	Q 711
/1993e	1994 02 17.49455	14 40 19.61	−16 22 28.2	S 711
/1993e	1994 03 15.72242	14 40 03.65	−16 13 06.9	G 360
/1993e	1994 03 15.72242	14 40 02.31	−16 13 15.9	H 360
/1993e	1994 03 15.72242	14 40 00.86	−16 13 29.4	K 360
/1993e	1994 03 15.72242	14 39 59.56	−16 13 38.5	L 360
/1993e	1994 03 15.72242	14 39 57.29	−16 13 55.8	Q 360
/1993e	1994 03 15.72242	14 39 56.36	−16 14 03.3	R 360
/1993e	1994 03 15.72242	14 39 55.40	−16 14 11.4	S 360
/1993e	1994 03 15.73817	14 40 03.50	−16 13 05.7	G 360
/1993e	1994 03 15.73817	14 40 02.24	−16 13 15.5	H 360
/1993e	1994 03 15.73817	14 40 00.69	−16 13 28.3	K 360
/1993e	1994 03 15.73817	14 39 59.42	−16 13 37.5	L 360
/1993e	1994 03 15.73817	14 39 57.11	−16 13 55.2	Q 360
/1993e	1994 03 15.73817	14 39 56.18	−16 14 02.5	R 360
/1993e	1994 03 15.73817	14 39 55.21	−16 14 10.6	S 360
/1993e	1994 03 21.30164	14 38 57.88	−16 05 42.8	E 711
/1993e	1994 03 21.30164	14 38 53.19	−16 06 20.5	K 711
/1993e	1994 03 21.30164	14 38 51.91	−16 06 30.5	L 711
/1993e	1994 03 21.30164	14 38 50.36	−16 06 38.8	N 711
/1993e	1994 03 21.30164	14 38 49.64	−16 06 41.8	P 711
/1993e	1994 03 21.30164	14 38 49.54	−16 06 48.6	Q 711
/1993e	1994 03 21.30164	14 38 48.48	−16 06 55.4	R 711
/1993e	1994 03 21.30164	14 38 47.45	−16 07 04.8	S 711
/1993e	1994 03 21.30164	14 38 45.63	−16 07 19.2	W 711
/1993e	1994 03 21.47377	14 38 55.36	−16 05 28.1	E 711
/1993e	1994 03 21.47377	14 38 54.06	−16 05 36.2	F 711
/1993e	1994 03 21.47377	14 38 53.59	−16 05 42.3	G 711
/1993e	1994 03 21.47377	14 38 52.25	−16 05 53.0	H 711
/1993e	1994 03 21.47377	14 38 50.68	−16 06 05.7	K 711
/1993e	1994 03 21.47377	14 38 49.27	−16 06 15.0	L 711
/1993e	1994 03 21.47377	14 38 47.73	−16 06 24.9	N 711
/1993e	1994 03 21.47377	14 38 47.11	−16 06 28.4	P 711
/1993e	1994 03 21.47377	14 38 46.98	−16 06 33.4	Q 711
/1993e	1994 03 21.47377	14 38 45.88	−16 06 41.5	R 711
/1993e	1994 03 21.47377	14 38 44.81	−16 06 50.3	S 711
/1993e	1994 03 21.47377	14 38 43.18	−16 07 04.7	W 711

Periodic Comet Forbes

/1993f	1993 04 19.88750	22 52 29.91	−09 37 31.3	323

Comet Shoemaker-Levy (1993h)

/1993h	1994 03 23.83611	16 22 38.86	−78 43 52.0	323
/1993h	1994 04 06.73819	16 09 44.39	−82 14 08.8	323

Periodic Comet Hartley 3

/1993m	1994 02 14.78647	02 47 50.78	+23 56 13.7	14.9 T	605
/1993m	1994 02 14.78942	02 47 50.89	+23 56 14.9	14.9 T	605
/1993m	1994 02 14.79221	02 47 51.20	+23 56 14.8	15.1 T	605
/1993m	1994 02 16.76799	02 50 37.20	+23 57 53.3	14.9 T	605
/1993m	1994 02 16.77423	02 50 37.72	+23 57 54.9	15.0 T	605
/1993m	1994 02 16.79117	02 50 39.23	+23 57 53.7	14.9 T	605
/1993m	1994 02 18.78600	02 53 30.20	+23 59 50.3	14.7 T	605
/1993m	1994 02 18.79030	02 53 30.44	+23 59 49.6	14.8 T	605
/1993m	1994 02 18.80037	02 53 31.37	+23 59 50.9	14.9 T	605
/1993m	1994 02 18.81941	02 53 32.96	+23 59 52.7	14.9 T	605
/1993m	1994 02 19.82236	02 55 00.39	+24 00 55.3	15.0 T	605
/1993m	1994 02 19.83335	02 55 01.27	+24 00 57.5	15.1 T	605
/1993m	1994 03 12.82720	03 28 21.16	+24 32 26.9	15.0 T	605
/1993m	1994 03 12.83391	03 28 21.88	+24 32 27.8	14.8 T	605
/1993m	1994 03 18.15011	03 37 34.28	+24 41 45.3		691
/1993m	1994 03 18.15812	03 37 35.17	+24 41 46.5		691
/1993m	1994 03 18.16647	03 37 35.99	+24 41 46.8		691
/1993m	1994 03 21.85672	03 44 09.19	+24 48 08.4	15.4 T	605
/1993m	1994 03 21.86454	03 44 10.09	+24 48 13.6	15.0 T	605
/1993m	1994 03 30.44873	03 59 50.74	+25 02 07.1	15.1 T	360
/1993m	1994 03 30.45122	03 59 51.02	+25 02 07.2		360

Periodic Comet West-Kohoutek-Ikemura

/1993o	1994 01 16.96688	04 16 11.66	+36 07 50.8	14.8 T	605
/1993o	1994 01 16.97023	04 16 11.55	+36 07 55.5	15.0 T	605

/1993o	1994 03 30.50660	06 36 23.08	+51 10 14.7	18.1 T	360
/1993o	1994 03 30.51024	06 36 23.62	+51 10 14.7		360

Comet Mueller (1993p)

/1993p	1994 03 25.47708	00 47 45.05	−35 34 13.2		323
/1993p	1994 03 26.47708	00 50 43.79	−36 01 53.1		323
/1993p	1994 03 28.47249	00 57 00.50	−36 58 09.1		323
/1993p	1994 03 29.47569	01 00 20.63	−37 26 56.5		323
/1993p	1994 04 01.48542	01 11 10.29	−38 55 15.4		323
/1993p	1994 04 02.47639	01 15 02.23	−39 24 57.7		323
/1993p	1994 04 04.48438	01 23 22.29	−40 25 53.7		323

Periodic Comet Urata-Niijima

/1993q	1994 04 06.14666	10 49 48.15	+34 14 58.0	22.4 T	691
/1993q	1994 04 06.15541	10 49 47.76	+34 14 53.1	21.4 T	691
/1993q	1994 04 06.16426	10 49 47.42	+34 14 47.8	21.8 T	691

Periodic Comet Spitaler

/1993r	1994 03 18.15311	03 42 17.81	+24 32 35.9	20.5 T	691
/1993r	1994 03 18.16113	03 42 18.89	+24 32 39.1	19.9 T	691
/1993r	1994 03 18.16949	03 42 19.91	+24 32 41.8	20.3 T	691
/1993r	1994 04 05.12774	04 21 35.33	+26 12 03.7	21.9 N	691
/1993r	1994 04 05.13619	04 21 36.45	+26 12 06.4	19.6 T	691
/1993r	1994 04 05.14559	04 21 37.75	+26 12 08.9	19.9 T	691

Periodic Comet Mueller 5

/1993s	1994 03 12.00701	06 19 41.64	+25 30 53.8		786
/1993s	1994 03 12.04880	06 19 42.25	+25 30 57.2		786
/1993s	1994 03 12.99094	06 19 58.30	+25 32 28.3		786
/1993s	1994 03 17.51215	06 21 26.84	+25 39 29.4	18.5 T	360
/1993s	1994 03 17.51667	06 21 26.89	+25 39 29.5		360

Periodic Comet Kushida-Muramatsu

/1993t	1994 03 17.48507	05 36 47.46	+23 50 40.7	16.9 T	360
/1993t	1994 03 17.48819	05 36 47.62	+23 50 40.5		360

Comet McNaught-Russell (1993v)

/1993v	1994 02 14.48318	02 54 55.83	−42 35 45.1		474
/1993v	1994 02 14.48561	02 54 56.08	−42 35 40.2		474
/1993v	1994 02 14.48874	02 54 56.53	−42 35 35.3		474
/1993v	1994 02 15.46559	02 56 17.56	−42 06 44.3		474
/1993v	1994 02 15.46860	02 56 17.80	−42 06 38.9		474
/1993v	1994 02 15.47103	02 56 18.11	−42 06 34.7		474
/1993v	1994 03 09.41979	03 38 08.02	−25 59 45.4		474
/1993v	1994 03 09.42141	03 38 08.30	−25 59 38.5		474
/1993v	1994 03 09.42407	03 38 08.66	−25 59 28.5		474
/1993v	1994 03 09.42575	03 38 08.94	−25 59 23.4		474
/1993v	1994 03 10.37130	03 40 24.70	−24 56 21.1		474
/1993v	1994 03 10.37303	03 40 25.02	−24 56 14.1		474
/1993v	1994 03 10.37569	03 40 25.41	−24 56 02.7		474
/1993v	1994 03 10.37731	03 40 25.64	−24 55 55.5		474
/1993v	1994 03 11.50000	03 43 09.60	−23 37 40.0		323
/1993v	1994 03 11.52257	03 43 12.92	−23 36 02.8		323
/1993v	1994 03 12.50000	03 45 38.24	−22 24 33.4		323
/1993v	1994 03 15.50069	03 53 18.51	−18 24 30.0		323
/1993v	1994 03 17.49583	03 58 36.33	−15 26 00.4		323
/1993v	1994 03 21.44097	04 09 32.66	−08 43 19.9		360
/1993v	1994 03 21.44375	04 09 33.14	−08 43 01.3		360
/1993v	1994 03 26.79829	04 25 27.18	+02 19 07.0	11.2 T	605
/1993v	1994 03 26.80168	04 25 27.75	+02 19 34.7	10.9 T	605
/1993v	1994 03 26.80345	04 25 28.21	+02 19 49.4	11.2 T	605
/1993v	1994 03 26.80679	04 25 28.68	+02 20 17.0	10.9 T	605
/1993v	1994 03 26.80924	04 25 29.18	+02 20 37.9	11.0 T	605
/1993v	1994 03 26.81260	04 25 29.81	+02 21 03.9	10.8 T	605
/1993v	1994 03 26.81616	04 25 30.48	+02 21 34.2	10.6 T	605
/1993v	1994 03 26.81997	04 25 31.15	+02 22 05.4	10.7 T	605
/1993v	1994 03 27.44409	04 27 27.39	+03 47 55.3		410
/1993v	1994 03 27.45032	04 27 28.55	+03 48 46.7		410
/1993v	1994 03 27.45444	04 27 29.31	+03 49 20.6		410
/1993v	1994 03 27.81096	04 28 36.62	+04 39 04.8		540
/1993v	1994 03 27.81211	04 28 36.72	+04 39 15.9		540
/1993v	1994 03 27.81286	04 28 36.91	+04 39 20.2		540
/1993v	1994 03 27.81358	04 28 37.05	+04 39 26.8		540
/1993v	1994 03 27.81865	04 28 37.79	+04 40 08.2	12.8 N	046
/1993v	1994 03 27.81905	04 28 38.12	+04 40 12.4	9.0 T	540
/1993v	1994 03 27.82026	04 28 38.12	+04 40 22.2		046
/1993v	1994 03 27.82267	04 28 38.53	+04 40 42.2		046
/1993v	1994 03 27.82466	04 28 38.93	+04 40 59.2		046
/1993v	1994 03 27.82615	04 28 39.22	+04 41 11.5		046
/1993v	1994 03 27.83356	04 28 40.57	+04 42 13.7		046
/1993v	1994 03 29.82589	04 35 02.56	+09 29 39.1		111
/1993v	1994 03 29.84291	04 35 05.91	+09 32 10.1		111
/1993v	1994 03 29.84728	04 35 06.87	+09 32 49.4		111
/1993v	1994 03 29.85042	04 35 07.27	+09 33 17.4		111
/1993v	1994 03 30.44015	04 37 03.19	+11 01 09.0		410
/1993v	1994 03 30.44513	04 37 04.15	+11 01 53.4		410
/1993v	1994 03 30.44900	04 37 04.92	+11 02 28.5		410
/1993v	1994 03 30.46227	04 37 07.40	+11 04 28.9		360
/1993v	1994 03 30.46354	04 37 07.64	+11 04 40.2		360
/1993v	1994 03 30.79099	04 38 12.82	+11 53 53.7	8.6 T	540
/1993v	1994 03 30.79175	04 38 13.06	+11 54 01.2	8.6 T	540
/1993v	1994 03 30.79245	04 38 13.15	+11 54 05.6	8.6 T	540
/1993v	1994 03 30.80225	04 38 15.06	+11 55 32.5	8.4 T	540
/1993v	1994 03 30.81772	04 38 18.14	+11 57 52.9	9.1 T	605
/1993v	1994 03 30.82340	04 38 19.12	+11 58 44.9	12.6 N	046
/1993v	1994 03 30.82413	04 38 19.27	+11 58 51.3		046
/1993v	1994 03 30.82519	04 38 19.47	+11 59 00.6		046
/1993v	1994 03 30.82711	04 38 19.82	+11 59 17.9		046
/1993v	1994 03 30.83074	04 38 20.50	+11 59 51.1		046
/1993v	1994 04 03.79517	04 52 00.88	+22 15 10.9	12.8 N	046
/1993v	1994 04 03.79738	04 52 01.36	+22 15 31.6		046
/1993v	1994 04 03.79964	04 52 01.87	+22 15 53.5		046
/1993v	1994 04 03.80156	04 52 02.27	+22 16 11.3		046
/1993v	1994 04 03.80234	04 52 02.44	+22 16 18.1		046
/1993v	1994 04 04.80818	04 55 42.18	+24 55 04.5		111
/1993v	1994 04 04.81792	04 55 44.10	+24 56 32.8		111

Periodic Comet Kushida

/1994a	1994 02 14.85202	09 44 20.63	+01 39 54.7			104
/1994a	1994 02 14.85556	09 44 20.56	+01 39 55.5			104
/1994a	1994 02 14.85903	09 44 20.49	+01 39 56.4			104
/1994a	1994 02 14.97606	09 44 18.00	+01 40 23.0	13.8	T	605
/1994a	1994 02 14.98078	09 44 17.83	+01 40 25.1	13.6	T	605
/1994a	1994 02 14.98516	09 44 17.74	+01 40 25.3	13.6	T	605
/1994a	1994 02 15.98625	09 43 59.90	+01 44 37.6	13.4	T	605
/1994a	1994 02 15.99103	09 43 59.82	+01 44 39.0	13.4	T	605
/1994a	1994 02 16.93477	09 43 43.78	+01 48 45.8	13.7	T	605
/1994a	1994 02 17.94249	09 43 27.07	+01 53 19.3	13.5	T	605
/1994a	1994 02 18.91905	09 43 11.89	+01 57 51.6	13.1	T	605
/1994a	1994 03 03.82355	09 41 31.30	+03 04 00.8			970
/1994a	1994 03 10.64809	09 42 12.34	+03 38 02.3	11.7	T	360
/1994a	1994 03 10.65330	09 42 12.38	+03 38 03.7			360
/1994a	1994 03 10.70904	09 42 12.86	+03 38 19.6	14.2	T	871
/1994a	1994 03 10.71395	09 42 12.95	+03 38 20.9			871
/1994a	1994 03 10.93383	09 42 16.02	+03 39 19.3	13.4	T	605
/1994a	1994 03 10.93402	09 42 16.07	+03 39 18.2	13.6	T	605
/1994a	1994 03 11.62279	09 42 24.38	+03 42 33.2	14	T	887
/1994a	1994 03 11.62615	09 42 24.44	+03 42 33.9			887
/1994a	1994 03 11.63378	09 42 24.46	+03 42 36.0			887
/1994a	1994 03 11.84029	09 42 27.78	+03 43 30.9	12.8	T	540
/1994a	1994 03 11.84184	09 42 27.74	+03 43 31.4	13.0	T	540
/1994a	1994 03 11.84293	09 42 27.71	+03 43 31.3	13.1	T	540
/1994a	1994 03 11.84426	09 42 27.76	+03 43 29.9	12.9	T	540
/1994a	1994 03 12.13329	09 42 31.56	+03 44 51.6			801
/1994a	1994 03 12.15488	09 42 31.79	+03 44 57.2			801
/1994a	1994 03 13.57222	09 42 53.11	+03 51 18.0			391
/1994a	1994 03 13.58472	09 42 53.21	+03 51 18.6			391
/1994a	1994 03 14.57708	09 43 10.12	+03 55 35.4			391
/1994a	1994 03 14.58958	09 43 10.37	+03 55 38.5			391
/1994a	1994 03 15.54722	09 43 28.46	+03 59 37.4			391
/1994a	1994 03 15.55972	09 43 28.62	+03 59 42.4			391
/1994a	1994 03 17.51667	09 44 09.76	+04 07 28.8			391
/1994a	1994 03 17.52917	09 44 09.97	+04 07 31.6			391
/1994a	1994 03 17.59213	09 44 11.29	+04 07 46.7	12.1	T	360
/1994a	1994 03 17.59549	09 44 11.37	+04 07 47.4			360
/1994a	1994 03 18.51181	09 44 33.03	+04 11 12.9			391
/1994a	1994 03 18.52431	09 44 33.26	+04 11 16.1			391
/1994a	1994 03 19.53472	09 44 58.19	+04 14 56.5			391
/1994a	1994 03 19.54722	09 44 58.62	+04 14 58.2			391
/1994a	1994 03 21.15883	09 45 42.10	+04 20 29.4			801
/1994a	1994 03 21.18777	09 45 42.85	+04 20 34.4			801
/1994a	1994 03 21.90120	09 46 03.64	+04 22 52.4	14.4	T	605
/1994a	1994 03 21.90748	09 46 03.78	+04 22 52.0	14.5	T	605
/1994a	1994 03 27.83078	09 49 23.15	+04 38 59.9	13.2	T	540
/1994a	1994 03 27.83407	09 49 23.22	+04 39 00.7	13.5	T	540
/1994a	1994 03 27.83691	09 49 23.34	+04 39 02.4	13.5	T	540
/1994a	1994 03 27.83968	09 49 23.59	+04 39 02.9	13.6	T	540
/1994a	1994 03 30.88912	09 51 24.58	+04 45 05.8	13.4	T	540
/1994a	1994 03 30.89031	09 51 24.53	+04 45 07.4	13.5	T	540
/1994a	1994 03 30.89130	09 51 24.60	+04 45 07.3	13.5	T	540
/1994a	1994 03 30.89233	09 51 24.64	+04 45 07.5	13.5	T	540
/1994a	1994 03 30.89296	09 51 24.60	+04 45 03.9	13.6	T	605
/1994a	1994 03 30.89831	09 51 24.84	+04 45 06.7	13.5	T	605
/1994a	1994 04 02.54948	09 53 19.70	+04 49 11.1	13.6	T	410
/1994a	1994 04 02.55417	09 53 19.73	+04 49 12.8			410

Comet Mueller (1994c)

/1994c	1994 03 10.48438	15 51 02.56	+02 28 56.4	17	T	675
/1994c	1994 03 11.45538	15 47 57.71	+02 39 32.7	17.0	T	675
/1994c	1994 03 11.48090	15 47 52.20	+02 39 52.2			675
/1994c	1994 03 14.76806	15 36 42.30	+03 17 17.4	17	T	372
/1994c	1994 03 15.75156	15 33 09.77	+03 28 51.5	16.4	T	360
/1994c	1994 03 15.75972	15 33 07.96	+03 28 57.4			360
/1994c	1994 03 16.78788	15 29 19.63	+03 41 08.2			411
/1994c	1994 03 16.79436	15 29 18.17	+03 41 12.6			411
/1994c	1994 03 18.46631	15 22 54.42	+04 01 21.5			691
/1994c	1994 03 18.47365	15 22 52.69	+04 01 26.6			691
/1994c	1994 03 18.71383	15 21 56.44	+04 04 21.7	16.6	T	410
/1994c	1994 03 18.72795	15 21 53.06	+04 04 32.2			410
/1994c	1994 03 20.64579	15 14 11.64	+04 27 52.1	16.1	T	2 871
/1994c	1994 03 20.64918	15 14 10.97	+04 27 56.7			2 871
/1994c	1994 03 20.77986	15 13 37.93	+04 29 34.0	17	T	372
/1994c	1994 03 22.00367	15 08 33.51	+04 44 32.9	15.7	T	605
/1994c	1994 03 22.00986	15 08 31.73	+04 44 35.9	15.6	T	605
/1994c	1994 03 22.01994	15 08 29.45	+04 44 44.3	15.8	T	605
/1994c	1994 03 22.02433	15 08 28.29	+04 44 49.3	15.1	T	605
/1994c	1994 03 22.02833	15 08 27.27	+04 44 48.3	15.5	T	605
/1994c	1994 03 25.38428	14 53 52.57	+05 25 50.0			657
/1994c	1994 03 25.38631	14 53 52.21	+05 25 54.4			657
/1994c	1994 03 25.39329	14 53 50.32	+05 25 58.4			657
/1994c	1994 03 31.55185	14 25 15.26	+06 37 48.1	16.1	T	360
/1994c	1994 03 31.55428	14 25 14.56	+06 37 49.7			360
/1994c	1994 04 06.91757	13 54 28.39	+07 41 20.1	17.6	N	046
/1994c	1994 04 06.91890	13 54 28.05	+07 41 20.1			046
/1994c	1994 04 06.92060	13 54 27.55	+07 41 22.4			046
/1994c	1994 04 06.92196	13 54 27.09	+07 41 22.6			046
/1994c	1994 04 06.92359	13 54 26.64	+07 41 22.8			046
/1994c	1994 04 06.92468	13 54 26.25	+07 41 23.6			046

Comet Shoemaker-Levy (1994d)

/1994d	1994 03 14.35173	10 54 10.67	−08 23 54.2	13.0	T	675
/1994d	1994 03 14.39496	10 53 50.21	−08 19 01.2			675
/1994d	1994 04 03.15121	08 22 55.71	+27 03 28.0	14.2	T	675
/1994d	1994 04 03.18055	08 22 44.90	+27 05 30.3			675
/1994d	1994 04 04.39248	08 15 32.02	+28 26 09.8			413
/1994d	1994 04 05.01127	08 11 58.60	+29 04 38.1			786
/1994d	1994 04 05.02713	08 11 52.91	+29 05 34.5			786
/1994d	1994 04 05.03675	08 11 49.64	+29 06 09.5			786
/1994d	1994 04 05.79137	08 07 37.06	+29 51 02.2	15.1	T	540
/1994d	1994 04 05.79267	08 07 36.66	+29 51 06.6	14.9	T	540
/1994d	1994 04 05.79389	08 07 36.30	+29 51 11.3	14.8	T	540
/1994d	1994 04 05.79510	08 07 35.94	+29 51 15.4	14.7	T	540

/1994d	1994 04 05.80620	08 07 31.91	+29 51 54.4	16.4 N	046
/1994d	1994 04 05.81119	08 07 30.27	+29 52 11.2		046
/1994d	1994 04 05.81212	08 07 29.94	+29 52 14.8		046
/1994d	1994 04 05.81288	08 07 29.69	+29 52 17.1		046
/1994d	1994 04 05.81366	08 07 29.42	+29 52 20.0		046
/1994d	1994 04 05.81565	08 07 28.78	+29 52 27.0		046
/1994d	1994 04 06.82414	08 02 02.80	+30 48 56.6		587
/1994d	1994 04 06.82723	08 02 01.89	+30 49 07.2		587
/1994d	1994 04 06.83926	08 01 57.96	+30 49 44.4	16.4 N	046
/1994d	1994 04 06.84081	08 01 57.44	+30 49 50.4		046
/1994d	1994 04 06.84931	08 01 54.75	+30 50 17.6		046
/1994d	1994 04 06.85032	08 01 54.40	+30 50 20.9		046
/1994d	1994 04 06.86111	08 01 50.98	+30 50 55.4		046
/1994d	1994 04 07.12782	08 00 27.27	+31 05 15.2	19.0 N	691
/1994d	1994 04 07.81437	07 56 55.72	+31 40 47.9	16.5 N	046
/1994d	1994 04 07.81684	07 56 55.00	+31 40 55.5		046
/1994d	1994 04 07.81760	07 56 54.76	+31 40 58.2		046
/1994d	1994 04 07.81838	07 56 54.50	+31 41 00.3		046
/1994d	1994 04 07.81913	07 56 54.27	+31 41 02.8		046
/1994d	1994 04 07.81991	07 56 54.03	+31 41 05.1		046
/1994d	1994 04 08.05617	07 55 42.62	+31 52 59.0		786
/1994d	1994 04 08.06938	07 55 38.58	+31 53 35.6		801

Periodic Comet Russell 2

/1994e	1994 04 05.47858	16 16 33.67	−23 25 05.1	21.1 T	691
/1994e	1994 04 05.48701	16 16 33.69	−23 25 07.4	21.3 T	691
/1994e	1994 04 05.49579	16 16 33.70	−23 25 11.3	21.3 T	691
/1994e	1994 04 06.48003	16 16 37.55	−23 30 16.2	21.2 T	691
/1994e	1994 04 06.48800	16 16 37.61	−23 30 18.4	21.5 T	691
/1994e	1994 04 06.49628	16 16 37.54	−23 30 21.3	22.0 T	691

Note 1: correction to *MPC* 22985. 2: poor distribution of reference stars.
E–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 E = 17, F = 16, G = 15, H = 14, K = 12, L = 11, N = 9, P = P_2 = 8 = 8b, Q = Q_1 = 7 = 7a, R = 6, S = 5, W = 1.

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
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

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.

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

1971 UN_1	1993 09 18.96389	22 26 00.21	−08 51 26.4	18.5	010
1971 UN_1	1993 09 18.97431	22 25 59.80	−08 51 30.0		010
1971 UN_1	1993 09 18.98623	22 25 59.41	−08 51 31.3		010
1978 UK_7	1993 09 18.96389	22 29 55.07	−07 30 07.5	18.4	010
1978 UK_7	1993 09 18.97431	22 29 54.58	−07 30 10.4		010
1978 UK_7	1993 09 18.98623	22 29 54.03	−07 30 14.5		010
1980 GO	1993 09 18.96389	22 45 32.43	−08 40 19.2	18.6	010
1980 GO	1993 09 18.97431	22 45 32.03	−08 40 22.9		010
1980 GO	1993 09 18.98623	22 45 31.58	−08 40 26.0		010
1981 EF_{30}	1993 09 18.96389	22 32 59.23	−09 26 04.6	18.5	010
1981 EF_{30}	1993 09 18.97431	22 32 58.71	−09 26 07.7		010
1981 EF_{30}	1993 09 18.98623	22 32 58.23	−09 26 13.6		010
1983 YK	1993 09 18.96389	22 37 08.47	−09 11 24.7	18.5	010
1983 YK	1993 09 18.97431	22 37 08.07	−09 11 28.6		010
1983 YK	1993 09 18.98623	22 37 07.70	−09 11 32.0		010
1987 BB_2	1994 01 30.90289	08 11 27.62	+16 02 44.1		010
1987 BB_2	1994 01 30.91481	08 11 26.85	+16 02 44.3		010
1987 BB_2	1994 01 31.94149	08 10 29.19	+16 05 51.2	18.3	010
1987 BB_2	1994 01 31.95330	08 10 28.47	+16 05 52.3		010
1987 BB_2	1994 01 31.96250	08 10 28.01	+16 05 54.1		010
1987 QN	1994 02 16.02222	11 18 35.26	+11 40 20.6	18.3	010
1987 QN	1994 02 16.03750	11 18 34.88	+11 40 25.8		010

1987 QN	1994 03 09.97778	11 09 00.17	+13 26 26.2	18.2	010	1993 PP_7	1993 09 18.98623	22 33 20.57	−07 09 34.8		010
1987 QN	1994 03 09.98819	11 08 59.83	+13 26 29.0		010	1993 PS_7	1993 09 18.96389	22 36 38.28	−07 26 54.6	18.3	010
1987 QN	1994 03 09.99861	11 08 59.55	+13 26 32.3		010	1993 PS_7	1993 09 18.97431	22 36 37.87	−07 26 54.7		010
1987 QN	1994 03 10.97708	11 08 32.92	+13 30 59.0		010	1993 PS_7	1993 09 18.98623	22 36 37.31	−07 26 55.4		010
1987 QN	1994 03 10.98750	11 08 32.57	+13 31 01.8		010	1993 PU_7	1993 09 18.96389	22 36 14.02	−08 04 48.3	18.5	010
1987 QN	1994 03 10.99792	11 08 32.30	+13 31 04.6		010	1993 PU_7	1993 09 18.97431	22 36 13.53	−08 04 50.5		010
1989 EJ_1	1993 09 18.96389	22 32 21.38	−08 56 56.7	18.5	010	1993 PU_7	1993 09 18.98623	22 36 12.95	−08 04 52.2		010
1989 EJ_1	1993 09 18.97431	22 32 20.81	−08 57 01.5		010	1993 PW_7	1993 09 18.96389	22 36 57.75	−07 24 46.4	18.0	010
1989 EJ_1	1993 09 18.98623	22 32 20.31	−08 57 05.3		010	1993 PW_7	1993 09 18.97431	22 36 57.24	−07 24 47.2		010
1989 US	1994 02 16.02222	11 13 10.54	+12 06 15.8	18.4	010	1993 PW_7	1993 09 18.98623	22 36 56.72	−07 24 49.9		010
1989 US	1994 02 16.03750	11 13 09.67	+12 06 20.8		010	1993 QU	1993 09 18.96389	22 35 10.81	−08 30 36.3	18.2	010
1989 YA_2	1994 01 30.90289	07 59 53.99	+16 22 56.6		010	1993 QU	1993 09 18.97431	22 35 10.10	−08 30 30.1		010
1989 YA_2	1994 01 30.91481	07 59 53.30	+16 22 57.1		010	1993 QU	1993 09 18.98623	22 35 09.33	−08 30 21.2		010
1989 YA_2	1994 01 31.94149	07 58 55.82	+16 22 43.8	18.1	010	1993 QJ_1	1993 09 18.96389	22 42 01.52	−07 51 27.2	18.5	010
1989 YA_2	1994 01 31.95330	07 58 55.07	+16 22 43.9		010	1993 QJ_1	1993 09 18.97431	22 42 01.04	−07 51 33.8		010
1989 YA_2	1994 01 31.96250	07 58 54.52	+16 22 43.1		010	1993 QJ_1	1993 09 18.98623	22 42 00.52	−07 51 39.6		010
1991 GC_6	1994 03 09.97778	11 07 52.08	+14 55 24.5	18.1	010	1993 QS_1	1993 09 18.96389	22 39 23.62	−06 52 30.6	18.5	010
1991 GC_6	1994 03 09.98819	11 07 51.30	+14 55 25.8		010	1993 QS_1	1993 09 18.97431	22 39 23.12	−06 52 33.8		010
1991 GC_6	1994 03 09.99861	11 07 50.61	+14 55 27.4		010	1993 QS_1	1993 09 18.98623	22 39 22.40	−06 52 34.9		010
1991 GC_6	1994 03 10.97708	11 06 45.26	+14 58 08.0		010	1993 QQ_5	1993 09 18.96389	22 34 25.44	−05 09 49.3	18.5	010
1991 GC_6	1994 03 10.98750	11 06 44.57	+14 58 09.8		010	1993 QQ_5	1993 09 18.97431	22 34 25.13	−05 09 52.2		010
1991 GC_6	1994 03 10.99792	11 06 43.85	+14 58 11.2		010	1993 QQ_5	1993 09 18.98623	22 34 24.65	−05 09 57.2		010
1991 JH_1	1994 01 30.90289	08 09 32.01	+18 17 45.1		010	1993 QU_5	1993 09 18.96389	22 40 43.96	−08 03 44.5	18.5	010
1991 JH_1	1994 01 30.91481	08 09 31.16	+18 17 48.5		010	1993 QU_5	1993 09 18.97431	22 40 43.64	−08 03 49.2		010
1991 RX_{23}	1994 02 16.02222	11 09 36.05	+09 47 01.2	18.5	010	1993 QU_5	1993 09 18.98623	22 40 43.24	−08 04 00.0		010
1991 RX_{23}	1994 02 16.03750	11 09 35.26	+09 47 03.9		010	1993 QZ_5	1993 09 18.96389	22 39 56.79	−08 03 04.0	18.7	010
1992 PV	1994 01 31.94149	08 02 15.84	+16 12 09.1	18.6	010	1993 QZ_5	1993 09 18.97431	22 39 56.23	−08 03 07.7		010
1992 PV	1994 01 31.95330	08 02 15.08	+16 12 11.6		010	1993 QZ_5	1993 09 18.98623	22 39 55.77	−08 03 11.3		010
1992 PV	1994 01 31.96250	08 02 14.41	+16 12 14.8		010	1993 QJ_6	1993 08 19.08403	23 26 00.32	−05 09 54.9	19.0	010
1992 UU	1994 03 10.97708	11 17 40.25	+14 44 16.1		010	1993 QJ_6	1993 08 19.09479	23 25 59.81	−05 09 59.2		010
1992 UU	1994 03 10.98750	11 17 39.57	+14 44 17.9		010	1993 QJ_6	1993 08 19.10556	23 25 59.29	−05 10 03.6		010
1992 UU	1994 03 10.99792	11 17 38.92	+14 44 20.1		010	1993 QB_{10}	* 1993 08 17.98229	22 51 49.87	−01 18 02.3		010
1993 PB_7	1993 09 18.96389	22 33 02.77	−08 59 27.7	18.6	010	1994 AY_1	1994 01 30.90289	08 02 54.23	+18 54 11.2		010
1993 PB_7	1993 09 18.97431	22 33 02.45	−08 59 28.4		010	1994 AY_1	1994 01 30.91481	08 02 53.53	+18 54 13.9		010
1993 PB_7	1993 09 18.98623	22 33 02.05	−08 59 31.0		010	1994 BK_3	1994 01 30.90289	07 53 41.78	+15 19 35.5		010
1993 PC_7	1993 09 18.96389	22 34 06.46	−10 11 06.2	18.5	010	1994 BK_3	1994 01 30.91481	07 53 41.26	+15 19 36.5		010
1993 PC_7	1993 09 18.97431	22 34 05.97	−10 11 10.8		010	1994 BK_3	1994 01 31.94149	07 52 43.72	+15 20 21.1	18.5	010
1993 PC_7	1993 09 18.98623	22 34 05.50	−10 11 14.6		010	1994 BK_3	1994 01 31.95330	07 52 42.96	+15 20 21.4		010
1993 PD_7	1993 09 18.96389	22 30 18.52	−06 15 02.1	18.0	010	1994 BK_3	1994 01 31.96250	07 52 42.48	+15 20 24.0		010
1993 PD_7	1993 09 18.97431	22 30 18.12	−06 15 01.6		010	1994 BL_3	1994 01 31.94149	07 55 42.79	+15 04 54.5	18.6	010
1993 PD_7	1993 09 18.98623	22 30 17.66	−06 15 01.0		010	1994 BL_3	1994 01 31.95330	07 55 42.03	+15 04 58.4		010
1993 PJ_7	1993 09 18.96389	22 34 47.30	−08 19 20.5	18.5	010	1994 BL_3	1994 01 31.96250	07 55 41.65	+15 05 01.5		010
1993 PJ_7	1993 09 18.97431	22 34 46.73	−08 19 23.1		010	1994 BN_3	1994 01 30.90289	07 56 12.69	+17 24 01.7		010
1993 PJ_7	1993 09 18.98623	22 34 46.33	−08 19 24.5		010	1994 BN_3	1994 01 30.91481	07 56 12.06	+17 24 04.6		010
1993 PK_7	1993 09 18.96389	22 37 52.90	−08 59 40.7	18.4	010	1994 BO_3	1994 01 30.90289	07 58 16.14	+15 27 53.5		010
1993 PK_7	1993 09 18.97431	22 37 52.56	−08 59 44.3		010	1994 BO_3	1994 01 30.91481	07 58 15.67	+15 27 59.6		010
1993 PK_7	1993 09 18.98623	22 37 52.00	−08 59 47.1		010	1994 BO_3	1994 01 31.94149	07 57 27.49	+15 36 00.9	18.5	010
1993 PL_7	1993 09 18.96389	22 37 56.49	−10 12 34.1	18.5	010	1994 BO_3	1994 01 31.95330	07 57 26.94	+15 36 08.2		010
1993 PL_7	1993 09 18.97431	22 37 56.15	−10 12 42.8		010	1994 BO_3	1994 01 31.96250	07 57 26.48	+15 36 10.8		010
1993 PL_7	1993 09 18.98623	22 37 55.62	−10 12 50.7		010	1994 BP_3	1994 01 30.90289	07 55 37.16	+15 50 20.9		010
1993 PP_7	1993 09 18.96389	22 33 21.61	−07 09 30.1	18.4	010	1994 BP_3	1994 01 30.91481	07 55 36.54	+15 50 24.2		010
1993 PP_7	1993 09 18.97431	22 33 21.07	−07 09 32.7		010	1994 BP_3	1994 01 31.94149	07 54 35.35	+15 57 42.3	18.5	010

1994 BP_3	1994 01 31.95330	07 54 34.65	+15 57 48.4		010	1994 BH_4	1994 01 30.90289	08 05 47.16	+16 59 12.9		010
1994 BP_3	1994 01 31.96250	07 54 34.15	+15 57 51.1		010	1994 BH_4	1994 01 30.91481	08 05 46.52	+16 59 15.5		010
1994 BQ_3	1994 01 30.90289	07 57 51.22	+14 56 39.3		010	1994 BH_4	1994 01 31.94149	08 04 48.85	+17 03 27.5	18.4	010
1994 BQ_3	1994 01 30.91481	07 57 50.64	+14 56 45.0		010	1994 BH_4	1994 01 31.95330	08 04 48.17	+17 03 30.4		010
1994 BQ_3	1994 01 31.94149	07 56 57.52	+15 04 18.4	18.3	010	1994 BH_4	1994 01 31.96250	08 04 47.57	+17 03 33.0		010
1994 BQ_3	1994 01 31.95330	07 56 56.84	+15 04 25.0		010	1994 BJ_4	1994 01 31.94149	08 08 19.53	+14 05 24.8	18.5	010
1994 BQ_3	1994 01 31.96250	07 56 56.39	+15 04 27.7		010	1994 BJ_4	1994 01 31.95330	08 08 18.82	+14 05 25.8		010
1994 BR_3	1994 01 30.90289	07 57 53.55	+14 21 44.7		010	1994 BJ_4	1994 01 31.96250	08 08 18.33	+14 05 25.6		010
1994 BR_3	1994 01 30.91481	07 57 52.92	+14 21 49.1		010	1994 BX_4	* 1994 01 30.90289	07 56 28.14	+15 05 56.0		010
1994 BR_3	1994 01 31.94149	07 56 58.68	+14 29 43.6	18.4	010	1994 BX_4	1994 01 30.91481	07 56 26.28	+15 06 14.5		010
1994 BR_3	1994 01 31.95330	07 56 58.03	+14 29 49.4		010	1994 BX_4	1994 01 31.94149	07 54 01.67	+15 33 40.0	18.5	010
1994 BR_3	1994 01 31.96250	07 56 57.56	+14 29 53.5		010	1994 BX_4	1994 01 31.95330	07 53 59.92	+15 33 56.4		010
1994 BS_3	1994 01 30.90289	07 59 39.67	+16 21 17.8		010	1994 BX_4	1994 01 31.96250	07 53 58.55	+15 34 12.4		010
1994 BS_3	1994 01 30.91481	07 59 39.22	+16 21 19.8		010	1994 BY_4	1994 01 17.93194	08 06 46.29	+16 18 58.2	18.4	010
1994 BS_3	1994 01 31.94149	07 58 49.66	+16 22 54.6	18.3	010	1994 BY_4	1994 01 17.94378	08 06 45.47	+16 18 57.3		010
1994 BS_3	1994 01 31.95330	07 58 49.02	+16 22 56.7		010	1994 BY_4	1994 01 17.95453	08 06 44.68	+16 18 57.2		010
1994 BS_3	1994 01 31.96250	07 58 48.54	+16 22 54.8		010	1994 BY_4	* 1994 01 30.90289	07 53 02.18	+16 02 46.6		010
1994 BY_3	1994 01 30.90289	07 59 35.35	+15 08 16.6		010	1994 BY_4	1994 01 30.91481	07 53 01.60	+16 02 44.9		010
1994 BY_3	1994 01 30.91481	07 59 34.57	+15 08 16.9		010	1994 BY_4	1994 01 31.94149	07 52 01.15	+16 01 39.3	18.4	010
1994 BY_3	1994 01 31.94149	07 58 28.53	+15 09 42.2	18.4	010	1994 BY_4	1994 01 31.95330	07 52 00.41	+16 01 36.5		010
1994 BY_3	1994 01 31.95330	07 58 27.75	+15 09 42.7		010	1994 BY_4	1994 01 31.96250	07 51 59.86	+16 01 36.2		010
1994 BY_3	1994 01 31.96250	07 58 27.03	+15 09 43.6		010	1994 BZ_4	* 1994 01 30.90289	07 55 26.56	+16 05 14.6		010
1994 BA_4	1994 01 30.90289	08 04 02.53	+14 58 47.8		010	1994 BZ_4	1994 01 30.91481	07 55 25.89	+16 05 14.3		010
1994 BA_4	1994 01 30.91481	08 04 01.78	+14 58 49.9		010	1994 BZ_4	1994 01 31.94149	07 54 34.11	+16 05 29.9	18.6	010
1994 BA_4	1994 01 31.94149	08 03 06.37	+15 02 13.3	18.4	010	1994 BZ_4	1994 01 31.95330	07 54 33.50	+16 05 29.1		010
1994 BA_4	1994 01 31.95330	08 03 05.70	+15 02 15.3		010	1994 BZ_4	1994 01 31.96250	07 54 32.95	+16 05 29.0		010
1994 BA_4	1994 01 31.96250	08 03 05.21	+15 02 14.9		010	1994 BA_5	* 1994 01 30.90289	08 07 32.52	+15 10 12.4		010
1994 BB_4	1994 01 30.90289	08 02 59.87	+15 01 03.8		010	1994 BA_5	1994 01 30.91481	08 07 31.73	+15 10 16.2		010
1994 BB_4	1994 01 30.91481	08 02 58.87	+15 01 04.8		010	1994 BA_5	1994 01 31.94149	08 06 33.06	+15 18 34.0	18.3	010
1994 BB_4	1994 01 31.94149	08 01 55.67	+15 00 01.3	18.6	010	1994 BA_5	1994 01 31.95330	08 06 32.38	+15 18 38.0		010
1994 BB_4	1994 01 31.95330	08 01 54.95	+15 00 00.5		010	1994 BA_5	1994 01 31.96250	08 06 31.80	+15 18 44.6		010
1994 BB_4	1994 01 31.96250	08 01 54.55	+15 00 00.4		010	1994 BB_5	* 1994 01 30.90289	08 10 51.80	+16 42 04.4		010
1994 BD_4	1994 01 30.90289	08 06 54.56	+15 11 05.7		010	1994 BB_5	1994 01 30.91481	08 10 51.07	+16 42 08.0		010
1994 BD_4	1994 01 30.91481	08 06 54.00	+15 11 07.7		010	1994 BB_5	1994 01 31.94149	08 09 47.60	+16 49 14.2	18.5	010
1994 BD_4	1994 01 31.94149	08 06 06.26	+15 15 45.1	18.4	010	1994 BB_5	1994 01 31.95330	08 09 46.86	+16 49 18.3		010
1994 BD_4	1994 01 31.95330	08 06 05.69	+15 15 48.1		010	1994 BB_5	1994 01 31.96250	08 09 46.39	+16 49 23.2		010
1994 BD_4	1994 01 31.96250	08 06 05.34	+15 15 49.4		010	1994 CP_1	1994 02 16.02222	11 28 46.44	+12 23 05.6	18.1	010
1994 BE_4	1994 01 30.90289	08 05 46.08	+15 57 10.0		010	1994 CP_1	1994 02 16.03750	11 28 45.87	+12 23 10.8		010
1994 BE_4	1994 01 30.91481	08 05 45.50	+15 57 13.4		010	1994 CP_1	1994 03 09.97778	11 10 28.17	+14 38 13.8	17.8	010
1994 BE_4	1994 01 31.94149	08 04 50.15	+16 04 46.2	18.6	010	1994 CP_1	1994 03 09.98819	11 10 27.52	+14 38 17.1		010
1994 BE_4	1994 01 31.95330	08 04 49.61	+16 04 51.6		010	1994 CP_1	1994 03 09.99861	11 10 26.92	+14 38 20.4		010
1994 BE_4	1994 01 31.96250	08 04 49.15	+16 04 53.0		010	1994 CP_1	1994 03 10.97708	11 09 31.05	+14 43 19.9		010
1994 BF_4	1994 01 30.90289	08 06 23.53	+16 28 52.8		010	1994 CP_1	1994 03 10.98750	11 09 30.45	+14 43 23.1		010
1994 BF_4	1994 01 30.91481	08 06 22.77	+16 28 57.8		010	1994 CP_1	1994 03 10.99792	11 09 29.78	+14 43 26.2		010
1994 BF_4	1994 01 31.94149	08 05 29.46	+16 34 03.7	18.5	010	1994 ER_5	1994 02 16.02222	11 18 45.68	+11 09 57.9	18.3	010
1994 BF_4	1994 01 31.95330	08 05 28.91	+16 34 04.5		010	1994 ER_5	1994 02 16.03750	11 18 44.94	+11 10 01.5		010
1994 BF_4	1994 01 31.96250	08 05 28.38	+16 34 07.7		010	1994 ER_5	* 1994 03 09.97778	10 58 01.85	+12 53 45.9	18.4	010
1994 BG_4	1994 01 30.90289	08 04 25.61	+14 41 29.4		010	1994 ER_5	1994 03 09.98819	10 58 01.10	+12 53 48.6		010
1994 BG_4	1994 01 30.91481	08 04 24.77	+14 41 29.5		010	1994 ER_5	1994 03 09.99861	10 58 00.49	+12 53 50.6		010
1994 BG_4	1994 01 31.94149	08 03 20.69	+14 42 46.4	18.3	010	1994 ER_5	1994 03 10.97708	10 57 01.54	+12 57 30.5		010
1994 BG_4	1994 01 31.95330	08 03 19.83	+14 42 48.6		010	1994 ER_5	1994 03 10.98750	10 57 00.85	+12 57 32.1		010
1994 BG_4	1994 01 31.96250	08 03 19.24	+14 42 47.6		010	1994 ER_5	1994 03 10.99792	10 57 00.20	+12 57 34.5		010

1994 ES_5	*	1994 03 09.97778	10 59 33.62	+12 38 18.0	18.5	010	1994 EA_6		1994 03 09.99861	11 05 27.69	+14 19 17.8		010
1994 ES_5		1994 03 09.98819	10 59 32.98	+12 38 18.1		010	1994 EA_6		1994 03 10.97708	11 04 21.57	+14 16 36.3		010
1994 ES_5		1994 03 09.99861	10 59 32.39	+12 38 18.2		010	1994 EA_6		1994 03 10.98750	11 04 20.79	+14 16 34.1		010
1994 ES_5		1994 03 10.97708	10 58 31.55	+12 37 52.9		010	1994 EA_6		1994 03 10.99792	11 04 20.09	+14 16 32.1		010
1994 ES_5		1994 03 10.98750	10 58 30.90	+12 37 51.3		010	1994 EB_6	*	1994 03 09.97778	11 05 32.29	+11 31 15.9	18.4	010
1994 ES_5		1994 03 10.99792	10 58 30.17	+12 37 51.4		010	1994 EB_6		1994 03 09.98819	11 05 31.77	+11 31 19.2		010
1994 ET_5	*	1994 03 09.97778	11 00 06.61	+14 19 22.2	18.5	010	1994 EB_6		1994 03 09.99861	11 05 31.20	+11 31 21.9		010
1994 ET_5		1994 03 09.98819	11 00 05.85	+14 19 18.8		010	1994 EB_6		1994 03 10.97708	11 04 39.18	+11 35 43.1		010
1994 ET_5		1994 03 09.99861	11 00 05.08	+14 19 16.0		010	1994 EB_6		1994 03 10.98750	11 04 38.64	+11 35 46.0		010
1994 ET_5		1994 03 10.97708	10 58 58.14	+14 14 17.7		010	1994 EB_6		1994 03 10.99792	11 04 38.05	+11 35 48.9		010
1994 ET_5		1994 03 10.98750	10 58 57.51	+14 14 13.3		010	1994 EC_6	*	1994 03 09.97778	11 05 33.41	+14 25 43.4	18.5	010
1994 ET_5		1994 03 10.99792	10 58 56.73	+14 14 10.8		010	1994 EC_6		1994 03 09.98819	11 05 32.84	+14 25 45.8		010
1994 EU_5	*	1994 03 09.97778	11 01 05.98	+14 33 36.4	18.3	010	1994 EC_6		1994 03 09.99861	11 05 32.28	+14 25 48.3		010
1994 EU_5		1994 03 09.98819	11 01 05.50	+14 33 44.2		010	1994 EC_6		1994 03 10.97708	11 04 42.37	+14 30 32.3		010
1994 EU_5		1994 03 09.99861	11 01 04.95	+14 33 53.5		010	1994 EC_6		1994 03 10.98750	11 04 41.86	+14 30 35.7		010
1994 EU_5		1994 03 10.97708	11 00 24.00	+14 47 08.0		010	1994 EC_6		1994 03 10.99792	11 04 41.30	+14 30 38.0		010
1994 EU_5		1994 03 10.98750	11 00 23.51	+14 47 15.3		010	1994 ED_6	*	1994 03 09.97778	11 06 41.02	+12 00 19.0	18.5	010
1994 EU_5		1994 03 10.99792	11 00 23.06	+14 47 23.8		010	1994 ED_6		1994 03 09.98819	11 06 40.45	+12 00 23.9		010
1994 EV_5	*	1994 03 09.97778	11 02 23.44	+14 12 41.1	18.3	010	1994 ED_6		1994 03 09.99861	11 06 40.03	+12 00 25.7		010
1994 EV_5		1994 03 09.98819	11 02 22.79	+14 12 43.1		010	1994 ED_6		1994 03 10.97708	11 05 56.66	+12 06 02.7		010
1994 EV_5		1994 03 09.99861	11 02 22.28	+14 12 43.2		010	1994 ED_6		1994 03 10.98750	11 05 56.26	+12 06 04.6		010
1994 EV_5		1994 03 10.97708	11 01 26.90	+14 14 10.7		010	1994 ED_6		1994 03 10.99792	11 05 55.84	+12 06 07.6		010
1994 EV_5		1994 03 10.98750	11 01 26.34	+14 14 11.4		010	1994 EE_6		1994 02 16.02222	11 24 27.29	+08 33 49.4	18.4	010
1994 EV_5		1994 03 10.99792	11 01 25.73	+14 14 12.1		010	1994 EE_6		1994 02 16.03750	11 24 26.61	+08 33 58.8		010
1994 EW_5	*	1994 03 09.97778	11 02 50.19	+12 59 17.0	19.1	010	1994 EE_6	*	1994 03 09.97778	11 07 33.49	+12 09 57.0	18.4	010
1994 EW_5		1994 03 09.98819	11 02 49.70	+12 59 21.5		010	1994 EE_6		1994 03 09.98819	11 07 32.88	+12 10 03.5		010
1994 EW_5		1994 03 09.99861	11 02 49.03	+12 59 23.4		010	1994 EE_6		1994 03 09.99861	11 07 32.46	+12 10 07.9		010
1994 EW_5		1994 03 10.97708	11 01 53.64	+13 03 59.1		010	1994 EE_6		1994 03 10.97708	11 06 44.73	+12 18 54.8		010
1994 EW_5		1994 03 10.98750	11 01 52.98	+13 04 00.9		010	1994 EE_6		1994 03 10.98750	11 06 44.26	+12 19 00.4		010
1994 EW_5		1994 03 10.99792	11 01 52.36	+13 04 06.2		010	1994 EE_6		1994 03 10.99792	11 06 43.81	+12 19 05.8		010
1994 EX_5	*	1994 03 09.97778	11 02 53.82	+15 12 08.3	18.6	010	1994 EF_6		1994 02 16.02222	11 27 20.14	+10 36 34.3	18.5	010
1994 EX_5		1994 03 09.98819	11 02 53.20	+15 12 12.8		010	1994 EF_6		1994 02 16.03750	11 27 19.41	+10 36 42.3		010
1994 EX_5		1994 03 09.99861	11 02 52.49	+15 12 19.0		010	1994 EF_6	*	1994 03 09.97778	11 07 34.94	+13 31 06.4	18.1	010
1994 EX_5		1994 03 10.97708	11 01 58.67	+15 19 21.0		010	1994 EF_6		1994 03 09.98819	11 07 34.36	+13 31 10.9		010
1994 EX_5		1994 03 10.98750	11 01 57.95	+15 19 25.5		010	1994 EF_6		1994 03 09.99861	11 07 33.75	+13 31 14.8		010
1994 EX_5		1994 03 10.99792	11 01 57.38	+15 19 29.3		010	1994 EF_6		1994 03 10.97708	11 06 38.80	+13 37 52.6		010
1994 EY_5		1994 02 16.02222	11 20 30.41	+11 18 03.1	18.4	010	1994 EF_6		1994 03 10.98750	11 06 38.24	+13 37 57.3		010
1994 EY_5		1994 02 16.03750	11 20 29.78	+11 18 09.4		010	1994 EF_6		1994 03 10.99792	11 06 37.61	+13 38 01.3		010
1994 EY_5	*	1994 03 09.97778	11 03 20.59	+13 48 21.6	18.3	010	1994 EG_6	*	1994 03 09.97778	11 08 06.22	+13 21 18.4	19.0	010
1994 EY_5		1994 03 09.98819	11 03 20.03	+13 48 25.5		010	1994 EG_6		1994 03 09.98819	11 08 05.61	+13 21 22.8		010
1994 EY_5		1994 03 09.99861	11 03 19.52	+13 48 28.8		010	1994 EG_6		1994 03 09.99861	11 08 04.93	+13 21 28.8		010
1994 EY_5		1994 03 10.97708	11 02 31.52	+13 54 26.2		010	1994 EG_6		1994 03 10.97708	11 07 07.58	+13 28 33.3		010
1994 EY_5		1994 03 10.98750	11 02 30.96	+13 54 29.4		010	1994 EG_6		1994 03 10.98750	11 07 06.86	+13 28 38.0		010
1994 EY_5		1994 03 10.99792	11 02 30.43	+13 54 34.1		010	1994 EG_6		1994 03 10.99792	11 07 06.29	+13 28 42.5		010
1994 EZ_5	*	1994 03 09.97778	11 05 10.15	+13 43 41.9	18.4	010	1994 EH_6	*	1994 03 09.97778	11 08 09.44	+12 40 55.5	18.7	010
1994 EZ_5		1994 03 09.98819	11 05 09.52	+13 43 44.0		010	1994 EH_6		1994 03 09.98819	11 08 08.72	+12 40 56.4		010
1994 EZ_5		1994 03 09.99861	11 05 08.91	+13 43 45.5		010	1994 EH_6		1994 03 09.99861	11 08 07.99	+12 40 57.8		010
1994 EZ_5		1994 03 10.97708	11 04 16.48	+13 46 29.7		010	1994 EH_6		1994 03 10.97708	11 07 05.83	+12 43 27.7		010
1994 EZ_5		1994 03 10.98750	11 04 15.83	+13 46 30.6		010	1994 EH_6		1994 03 10.98750	11 07 05.08	+12 43 29.6		010
1994 EZ_5		1994 03 10.99792	11 04 15.25	+13 46 33.3		010	1994 EH_6		1994 03 10.99792	11 07 04.37	+12 43 31.7		010
1994 EA_6	*	1994 03 09.97778	11 05 29.23	+14 19 21.2	18.3	010	1994 EJ_6	*	1994 03 09.97778	11 08 24.64	+15 10 49.2	18.6	010
1994 EA_6		1994 03 09.98819	11 05 28.42	+14 19 19.6		010	1994 EJ_6		1994 03 09.98819	11 08 23.92	+15 10 52.1		010

1994 EJ_6		1994 03 09.99861	11 08 23.27	+15 10 57.1		010
1994 EJ_6		1994 03 10.97708	11 07 23.68	+15 16 19.1		010
1994 EJ_6		1994 03 10.98750	11 07 22.93	+15 16 22.2		010
1994 EJ_6		1994 03 10.99792	11 07 22.34	+15 16 25.2		010
1994 EK_6	*	1994 03 09.97778	11 08 43.36	+15 58 39.5	18.6	010
1994 EK_6		1994 03 09.98819	11 08 42.63	+15 58 43.1		010
1994 EK_6		1994 03 09.99861	11 08 42.03	+15 58 46.1		010
1994 EK_6		1994 03 10.97708	11 07 39.88	+16 03 09.1		010
1994 EK_6		1994 03 10.98750	11 07 39.08	+16 03 11.4		010
1994 EK_6		1994 03 10.99792	11 07 38.47	+16 03 14.1		010
1994 EL_6	*	1994 03 09.97778	11 08 57.32	+16 12 13.0	18.2	010
1994 EL_6		1994 03 09.98819	11 08 56.98	+16 12 15.7		010
1994 EL_6		1994 03 09.99861	11 08 56.61	+16 12 17.7		010
1994 EL_6		1994 03 10.97708	11 08 27.90	+16 16 15.3		010
1994 EL_6		1994 03 10.98750	11 08 27.50	+16 16 17.9		010
1994 EL_6		1994 03 10.99792	11 08 27.21	+16 16 20.4		010
1994 EM_6		1994 02 16.02222	11 25 01.59	+11 24 13.7	18.3	010
1994 EM_6		1994 02 16.03750	11 25 01.07	+11 24 23.4		010
1994 EM_6	*	1994 03 09.97778	11 09 18.00	+15 28 31.1	18.3	010
1994 EM_6		1994 03 09.98819	11 09 17.48	+15 28 37.5		010
1994 EM_6		1994 03 09.99861	11 09 16.95	+15 28 44.0		010
1994 EM_6		1994 03 10.97708	11 08 32.16	+15 38 38.5		010
1994 EM_6		1994 03 10.98750	11 08 31.70	+15 38 44.0		010
1994 EM_6		1994 03 10.99792	11 08 31.17	+15 38 50.4		010
1994 EN_6	*	1994 03 09.97778	11 09 28.90	+13 25 08.9	18.2	010
1994 EN_6		1994 03 09.98819	11 09 28.32	+13 25 10.1		010
1994 EN_6		1994 03 09.99861	11 09 27.78	+13 25 11.5		010
1994 EN_6		1994 03 10.97708	11 08 38.64	+13 27 47.5		010
1994 EN_6		1994 03 10.98750	11 08 38.08	+13 27 48.6		010
1994 EN_6		1994 03 10.99792	11 08 37.54	+13 27 50.0		010
1994 EO_6	*	1994 03 09.97778	11 09 32.45	+14 29 54.9	18.4	010
1994 EO_6		1994 03 09.98819	11 09 31.73	+14 29 58.3		010
1994 EO_6		1994 03 09.99861	11 09 31.11	+14 30 01.6		010
1994 EO_6		1994 03 10.97708	11 08 33.92	+14 35 16.8		010
1994 EO_6		1994 03 10.98750	11 08 33.27	+14 35 19.4		010
1994 EO_6		1994 03 10.99792	11 08 32.60	+14 35 22.6		010
1994 EP_6	*	1994 03 09.97778	11 10 48.73	+13 31 04.2	18.3	010
1994 EP_6		1994 03 09.98819	11 10 48.22	+13 31 11.3		010
1994 EP_6		1994 03 09.99861	11 10 47.78	+13 31 16.7		010
1994 EP_6		1994 03 10.97708	11 10 04.72	+13 40 34.1		010
1994 EP_6		1994 03 10.98750	11 10 04.30	+13 40 39.6		010
1994 EP_6		1994 03 10.99792	11 10 03.83	+13 40 45.2		010
1994 EQ_6	*	1994 03 09.97778	11 11 30.02	+16 14 27.5	18.6	010
1994 EQ_6		1994 03 09.98819	11 11 29.14	+16 14 29.2		010
1994 EQ_6		1994 03 09.99861	11 11 28.48	+16 14 30.3		010
1994 EQ_6		1994 03 10.97708	11 10 22.86	+16 17 04.3		010
1994 EQ_6		1994 03 10.98750	11 10 22.10	+16 17 06.2		010
1994 EQ_6		1994 03 10.99792	11 10 21.42	+16 17 07.8		010
1994 ER_6	*	1994 03 09.97778	11 12 33.03	+15 17 59.0	18.3	010
1994 ER_6		1994 03 09.98819	11 12 32.47	+15 18 05.8		010
1994 ER_6		1994 03 09.99861	11 12 31.95	+15 18 10.9		010
1994 ER_6		1994 03 10.97708	11 11 44.94	+15 28 09.1		010
1994 ER_6		1994 03 10.98750	11 11 44.37	+15 28 15.2		010
1994 ER_6		1994 03 10.99792	11 11 43.85	+15 28 20.7		010
1994 ES_6	*	1994 03 09.97778	11 12 44.17	+13 08 13.1	18.5	010
1994 ES_6		1994 03 09.98819	11 12 43.82	+13 08 16.5		010
1994 ES_6		1994 03 09.99861	11 12 43.47	+13 08 18.9		010
1994 ES_6		1994 03 10.97708	11 12 14.51	+13 12 00.4		010
1994 ES_6		1994 03 10.98750	11 12 14.19	+13 12 03.2		010
1994 ES_6		1994 03 10.99792	11 12 13.90	+13 12 04.8		010
1994 ET_6	*	1994 03 09.97778	11 12 51.96	+12 26 19.7	18.4	010
1994 ET_6		1994 03 09.98819	11 12 51.35	+12 26 24.7		010
1994 ET_6		1994 03 09.99861	11 12 50.66	+12 26 29.6		010
1994 ET_6		1994 03 10.97708	11 11 52.87	+12 33 59.5		010
1994 ET_6		1994 03 10.98750	11 11 52.27	+12 34 04.0		010
1994 ET_6		1994 03 10.99792	11 11 51.63	+12 34 09.5		010
1994 EU_6	*	1994 03 09.97778	11 12 58.07	+15 18 26.7	18.3	010
1994 EU_6		1994 03 09.98819	11 12 57.54	+15 18 32.0		010
1994 EU_6		1994 03 09.99861	11 12 57.05	+15 18 36.5		010
1994 EU_6		1994 03 10.97708	11 12 12.96	+15 26 31.3		010
1994 EU_6		1994 03 10.98750	11 12 12.51	+15 26 35.7		010
1994 EU_6		1994 03 10.99792	11 12 12.05	+15 26 40.9		010
1994 EV_6	*	1994 03 09.97778	11 13 25.03	+15 00 39.5	18.2	010
1994 EV_6		1994 03 09.98819	11 13 24.41	+15 00 42.0		010
1994 EV_6		1994 03 09.99861	11 13 23.77	+15 00 44.8		010
1994 EV_6		1994 03 10.97708	11 12 28.40	+15 05 13.8		010
1994 EV_6		1994 03 10.98750	11 12 27.75	+15 05 17.5		010
1994 EV_6		1994 03 10.99792	11 12 27.21	+15 05 19.9		010
1994 EW_6	*	1994 03 09.97778	11 13 25.53	+12 09 58.0	18.6	010
1994 EW_6		1994 03 09.98819	11 13 25.03	+12 10 04.0		010
1994 EW_6		1994 03 09.99861	11 13 24.51	+12 10 09.2		010
1994 EW_6		1994 03 10.97708	11 12 38.76	+12 19 00.6		010
1994 EW_6		1994 03 10.98750	11 12 38.09	+12 19 06.9		010
1994 EW_6		1994 03 10.99792	11 12 37.56	+12 19 12.2		010
1994 EX_6	*	1994 03 09.97778	11 13 34.53	+11 38 47.8	18.5	010
1994 EX_6		1994 03 09.98819	11 13 33.98	+11 38 52.6		010
1994 EX_6		1994 03 09.99861	11 13 33.53	+11 38 56.7		010
1994 EX_6		1994 03 10.97708	11 12 45.86	+11 45 26.0		010
1994 EX_6		1994 03 10.98750	11 12 45.38	+11 45 29.6		010
1994 EX_6		1994 03 10.99792	11 12 44.88	+11 45 33.8		010
1994 EY_6		1994 02 16.02222	11 27 32.34	+11 57 17.3	18.5	010
1994 EY_6		1994 02 16.03750	11 27 31.88	+11 57 26.2		010
1994 EY_6	*	1994 03 09.97778	11 13 39.88	+15 21 01.5	18.3	010
1994 EY_6		1994 03 09.98819	11 13 39.42	+15 21 07.2		010
1994 EY_6		1994 03 09.99861	11 13 39.00	+15 21 11.7		010
1994 EY_6		1994 03 10.97708	11 12 58.20	+15 29 33.7		010
1994 EY_6		1994 03 10.98750	11 12 57.65	+15 29 38.9		010
1994 EY_6		1994 03 10.99792	11 12 57.21	+15 29 44.3		010
1994 EZ_6	*	1994 03 09.97778	11 15 00.27	+14 32 18.8	18.5	010
1994 EZ_6		1994 03 09.98819	11 14 59.62	+14 32 23.3		010
1994 EZ_6		1994 03 09.99861	11 14 59.03	+14 32 25.9		010
1994 EZ_6		1994 03 10.97708	11 14 01.73	+14 38 58.2		010
1994 EZ_6		1994 03 10.98750	11 14 01.05	+14 39 02.8		010
1994 EZ_6		1994 03 10.99792	11 14 00.43	+14 39 06.9		010

1994 EA_7	* 1994 03 09.97778	11 15 23.41	+16 00 33.0	18.5		010
1994 EA_7	1994 03 09.98819	11 15 22.32	+16 00 26.2			010
1994 EA_7	1994 03 09.99861	11 15 21.19	+16 00 20.4			010
1994 EA_7	1994 03 10.97708	11 13 40.51	+15 49 41.1			010
1994 EA_7	1994 03 10.98750	11 13 39.47	+15 49 34.5			010
1994 EA_7	1994 03 10.99792	11 13 38.36	+15 49 26.5			010
1994 EB_7	* 1994 03 09.97778	11 16 03.76	+14 00 13.3	18.7		010
1994 EB_7	1994 03 09.98819	11 16 03.22	+14 00 19.4			010
1994 EB_7	1994 03 09.99861	11 16 02.66	+14 00 25.1			010
1994 EB_7	1994 03 10.97708	11 15 14.80	+14 09 31.3			010
1994 EB_7	1994 03 10.98750	11 15 14.29	+14 09 37.5			010
1994 EB_7	1994 03 10.99792	11 15 13.68	+14 09 42.0			010
1994 EC_7	* 1994 03 09.97778	11 16 40.93	+13 50 58.3	18.3		010
1994 EC_7	1994 03 09.98819	11 16 40.20	+13 51 01.1			010
1994 EC_7	1994 03 09.99861	11 16 39.57	+13 51 03.3			010
1994 EC_7	1994 03 10.97708	11 15 37.11	+13 54 12.6			010
1994 EC_7	1994 03 10.98750	11 15 36.39	+13 54 14.1			010
1994 EC_7	1994 03 10.99792	11 15 35.69	+13 54 15.9			010
1994 ED_7	* 1994 03 09.97778	11 17 10.54	+14 00 51.3	18.4		010
1994 ED_7	1994 03 09.98819	11 17 09.92	+14 00 52.9			010
1994 ED_7	1994 03 09.99861	11 17 09.39	+14 00 54.4			010
1994 ED_7	1994 03 10.97708	11 16 13.35	+14 03 08.3			010
1994 ED_7	1994 03 10.98750	11 16 12.70	+14 03 10.1			010
1994 ED_7	1994 03 10.99792	11 16 12.06	+14 03 10.8			010
1994 EE_7	* 1994 03 09.97778	11 17 26.13	+12 45 05.8	18.4		010
1994 EE_7	1994 03 09.98819	11 17 25.51	+12 45 10.4			010
1994 EE_7	1994 03 09.99861	11 17 24.93	+12 45 14.1			010
1994 EE_7	1994 03 10.97708	11 16 28.43	+12 51 59.1			010
1994 EE_7	1994 03 10.98750	11 16 27.72	+12 52 02.9			010
1994 EE_7	1994 03 10.99792	11 16 27.16	+12 52 06.5			010
1994 EF_7	* 1994 03 09.97778	11 17 54.43	+15 11 12.2	18.4		010
1994 EF_7	1994 03 09.98819	11 17 53.84	+15 11 14.5			010
1994 EF_7	1994 03 09.99861	11 17 53.17	+15 11 17.4			010
1994 EF_7	1994 03 10.97708	11 16 53.71	+15 15 31.6			010
1994 EF_7	1994 03 10.98750	11 16 53.01	+15 15 33.1			010
1994 EF_7	1994 03 10.99792	11 16 52.41	+15 15 35.8			010
1994 EG_7	* 1994 03 09.97778	11 18 10.38	+14 05 38.6	18.5		010
1994 EG_7	1994 03 09.98819	11 18 09.72	+14 05 44.7			010
1994 EG_7	1994 03 09.99861	11 18 09.15	+14 05 50.0			010
1994 EG_7	1994 03 10.97708	11 17 17.02	+14 13 26.6			010
1994 EG_7	1994 03 10.98750	11 17 16.34	+14 13 31.7			010
1994 EG_7	1994 03 10.99792	11 17 15.80	+14 13 36.5			010
1994 EH_7	* 1994 03 09.97778	11 18 25.57	+13 24 16.4	18.3		010
1994 EH_7	1994 03 09.98819	11 18 24.89	+13 24 17.0			010
1994 EH_7	1994 03 09.99861	11 18 24.23	+13 24 18.3			010
1994 EH_7	1994 03 10.97708	11 17 24.31	+13 26 24.8			010
1994 EH_7	1994 03 10.98750	11 17 23.65	+13 26 26.2			010
1994 EH_7	1994 03 10.99792	11 17 23.04	+13 26 28.0			010
1994 EJ_7	* 1994 03 09.97778	11 18 27.16	+14 50 15.3	18.4		010
1994 EJ_7	1994 03 09.98819	11 18 26.51	+14 50 18.9			010
1994 EJ_7	1994 03 09.99861	11 18 25.90	+14 50 22.5			010
1994 EJ_7	1994 03 10.97708	11 17 27.78	+14 56 31.3			010
1994 EJ_7	1994 03 10.98750	11 17 27.16	+14 56 35.3			010
1994 EJ_7	1994 03 10.99792	11 17 26.51	+14 56 38.9			010
2245 T-1	1994 03 09.97778	11 08 43.82	+11 37 32.9	18.4		010
2245 T-1	1994 03 09.98819	11 08 43.22	+11 37 35.6			010
2245 T-1	1994 03 09.99861	11 08 42.63	+11 37 39.2			010
2245 T-1	1994 03 10.97708	11 07 47.25	+11 42 42.9			010
2245 T-1	1994 03 10.98750	11 07 46.65	+11 42 45.3			010
2245 T-1	1994 03 10.99792	11 07 46.07	+11 42 48.3			010
1001 T-2	1993 09 18.96389	22 32 19.76	−08 11 10.5	18.5		010
1001 T-2	1993 09 18.97431	22 32 19.27	−08 11 14.5			010
1001 T-2	1993 09 18.98623	22 32 18.79	−08 11 16.3			010
2285 T-2	1994 03 09.97778	11 03 12.37	+12 37 50.3	18.3		010
2285 T-2	1994 03 09.98819	11 03 11.73	+12 37 52.3			010
2285 T-2	1994 03 09.99861	11 03 11.21	+12 37 52.6			010
2285 T-2	1994 03 10.97708	11 02 17.44	+12 40 15.9			010
2285 T-2	1994 03 10.98750	11 02 16.79	+12 40 17.4			010
2285 T-2	1994 03 10.99792	11 02 16.24	+12 40 19.1			010
(76)	1993 09 18.96389	22 33 58.73	−06 56 39.5	16.0		010
(76)	1993 09 18.97431	22 33 58.25	−06 56 42.0			010
(76)	1993 09 18.98623	22 33 57.77	−06 56 45.1			010
(303)	1993 09 18.96389	22 46 16.56	−07 37 12.3	16.0		010
(303)	1993 09 18.97431	22 46 16.05	−07 37 13.7			010
(303)	1993 09 18.98623	22 46 15.50	−07 37 15.6			010
(358)	1993 09 18.96389	22 27 30.79	−08 39 59.4	16.0		010
(358)	1993 09 18.97431	22 27 30.29	−08 40 02.4			010
(358)	1993 09 18.98623	22 27 29.86	−08 40 05.8			010
(476)	1994 01 30.90289	08 03 21.53	+15 24 09.7			010
(476)	1994 01 30.91481	08 03 20.70	+15 24 08.7			010
(476)	1994 01 31.94149	08 02 20.91	+15 24 12.3	15.0		010
(476)	1994 01 31.95330	08 02 20.15	+15 24 11.6			010
(476)	1994 01 31.96250	08 02 19.53	+15 24 11.3			010
(537)	1994 03 09.97778	11 13 35.98	+15 27 25.6	17.0		010
(537)	1994 03 09.98819	11 13 35.43	+15 27 29.4			010
(537)	1994 03 09.99861	11 13 34.95	+15 27 32.9			010
(537)	1994 03 10.97708	11 12 51.08	+15 33 20.4			010
(537)	1994 03 10.98750	11 12 50.59	+15 33 24.0			010
(537)	1994 03 10.99792	11 12 50.10	+15 33 27.5			010
(770)	1994 02 16.02222	11 24 01.32	+11 35 49.2	17.5		010
(770)	1994 02 16.03750	11 24 00.69	+11 35 53.6			010
(770)	1994 03 09.97778	11 01 26.68	+13 37 08.1	17.5		010
(770)	1994 03 09.98819	11 01 25.99	+13 37 10.5			010
(770)	1994 03 09.99861	11 01 25.34	+13 37 13.4			010
(770)	1994 03 10.97708	11 00 23.65	+13 41 27.7			010
(770)	1994 03 10.98750	11 00 22.97	+13 41 30.1			010
(770)	1994 03 10.99792	11 00 22.27	+13 41 32.5			010
(1066)	1993 09 18.96389	22 36 48.91	−08 25 32.5	17.5		010
(1066)	1993 09 18.97431	22 36 48.38	−08 25 32.5			010
(1066)	1993 09 18.98623	22 36 47.81	−08 25 32.0			010
(1082)	1993 09 18.96389	22 42 52.51	−09 06 17.4	17.0		010
(1082)	1993 09 18.97431	22 42 52.03	−09 06 20.7			010
(1082)	1993 09 18.98623	22 42 51.61	−09 06 23.3			010
(1130)	1994 01 30.90289	07 57 17.19	+17 11 54.2			010

(1130)	1994 01 30.91481	07 57 16.41	+17 11 55.2		010
(1184)	1994 02 16.02222	11 08 27.93	+11 22 33.3	17.8	010
(1184)	1994 02 16.03750	11 08 27.17	+11 22 35.8		010
(1667)	1994 02 16.02222	11 21 47.03	+12 27 42.7	18.0	010
(1667)	1994 02 16.03750	11 21 46.34	+12 27 49.3		010
(1667)	1994 03 09.97778	11 00 19.65	+15 07 57.5	17.7	010
(1667)	1994 03 09.98819	11 00 18.91	+15 08 01.6		010
(1667)	1994 03 09.99861	11 00 18.22	+15 08 05.4		010
(1667)	1994 03 10.97708	10 59 16.23	+15 14 13.3		010
(1667)	1994 03 10.98750	10 59 15.54	+15 14 16.9		010
(1667)	1994 03 10.99792	10 59 14.86	+15 14 20.2		010
(1762)	1994 01 30.90289	08 08 51.53	+18 01 25.8		010
(1762)	1994 01 30.91481	08 08 50.78	+18 01 28.5		010
(1815)	1994 02 16.02222	11 16 22.23	+08 02 26.8	18.0	010
(1815)	1994 02 16.03750	11 16 21.60	+08 02 31.9		010
(2036)	1993 09 18.96389	22 45 22.40	−07 39 52.0	17.8	010
(2036)	1993 09 18.97431	22 45 21.84	−07 39 53.1		010
(2036)	1993 09 18.98623	22 45 21.20	−07 39 53.8		010
(2324)	1993 09 18.96389	22 39 57.25	−08 11 24.8	17.9	010
(2324)	1993 09 18.97431	22 39 56.84	−08 11 26.4		010
(2324)	1993 09 18.98623	22 39 56.37	−08 11 28.7		010
(2499)	1993 09 18.96389	22 31 51.98	−08 40 40.4	18.3	010
(2499)	1993 09 18.97431	22 31 51.60	−08 40 42.6		010
(2499)	1993 09 18.98623	22 31 51.13	−08 40 44.4		010
(2747)	1993 09 18.96389	22 34 35.94	−09 20 17.2	18.1	010
(2747)	1993 09 18.97431	22 34 35.43	−09 20 17.4		010
(2747)	1993 09 18.98623	22 34 35.00	−09 20 18.3		010
(2925)	1994 01 30.90289	08 10 15.67	+15 28 55.3		010
(2925)	1994 01 30.91481	08 10 14.93	+15 28 57.4		010
(2925)	1994 01 31.94149	08 09 18.44	+15 32 22.0	18.0	010
(2925)	1994 01 31.95330	08 09 17.77	+15 32 24.1		010
(2925)	1994 01 31.96250	08 09 17.16	+15 32 26.3		010
(3113)	1993 09 18.96389	22 36 29.57	−05 34 48.2	18.0	010
(3113)	1993 09 18.97431	22 36 29.17	−05 34 52.8		010
(3113)	1993 09 18.98623	22 36 28.64	−05 34 57.3		010
(3330)	1994 02 16.02222	11 16 29.41	+12 12 33.5	18.2	010
(3330)	1994 02 16.03750	11 16 28.77	+12 12 36.6		010
(3330)	1994 03 09.97778	10 59 43.10	+13 25 05.0	18.1	010
(3330)	1994 03 09.98819	10 59 42.56	+13 25 06.5		010
(3330)	1994 03 09.99861	10 59 42.07	+13 25 08.6		010
(3330)	1994 03 10.97708	10 58 55.68	+13 27 51.7		010
(3330)	1994 03 10.98750	10 58 55.12	+13 27 52.8		010
(3330)	1994 03 10.99792	10 58 54.65	+13 27 54.4		010
(3437)	1994 02 16.02222	11 18 58.83	+10 55 58.8	18.0	010
(3437)	1994 02 16.03750	11 18 58.07	+10 56 03.3		010
(3437)	1994 03 09.97778	10 57 28.98	+12 42 47.7	17.9	010
(3437)	1994 03 09.98819	10 57 28.35	+12 42 50.5		010
(3437)	1994 03 09.99861	10 57 27.73	+12 42 52.7		010
(3621)	1994 01 30.90289	08 05 51.65	+17 15 49.3		010
(3621)	1994 01 30.91481	08 05 51.00	+17 15 50.8		010
(3621)	1994 01 31.94149	08 05 02.37	+17 18 58.5	18.4	010
(3621)	1994 01 31.95330	08 05 01.68	+17 19 00.9		010
(3621)	1994 01 31.96250	08 05 01.25	+17 19 02.4		010
(3673)	1994 03 09.97778	11 08 19.01	+11 39 09.1	18.0	010
(3673)	1994 03 09.98819	11 08 18.32	+11 39 11.0		010
(3673)	1994 03 09.99861	11 08 17.68	+11 39 13.0		010
(3673)	1994 03 10.97708	11 07 14.87	+11 42 10.6		010
(3673)	1994 03 10.98750	11 07 14.13	+11 42 12.6		010
(3673)	1994 03 10.99792	11 07 13.49	+11 42 14.0		010
(3729)	1994 02 16.02222	11 22 51.60	+13 04 58.0	18.3	010
(3729)	1994 02 16.03750	11 22 50.84	+13 05 01.3		010
(3729)	1994 03 09.97778	11 02 09.98	+14 09 26.4	18.0	010
(3729)	1994 03 09.98819	11 02 09.36	+14 09 28.2		010
(3729)	1994 03 09.99861	11 02 08.76	+14 09 29.3		010
(3729)	1994 03 10.97708	11 01 10.90	+14 11 37.4		010
(3729)	1994 03 10.98750	11 01 10.26	+14 11 38.4		010
(3729)	1994 03 10.99792	11 01 09.68	+14 11 39.5		010
(4109)	1993 09 18.96389	22 30 29.72	−08 46 25.8	18.1	010
(4109)	1993 09 18.97431	22 30 29.32	−08 46 28.0		010
(4109)	1993 09 18.98623	22 30 28.78	−08 46 31.8		010
(4362)	1994 02 16.02222	11 23 33.18	+11 54 14.1	18.0	010
(4362)	1994 02 16.03750	11 23 32.51	+11 54 17.9		010
(4362)	1994 03 09.97778	11 02 17.61	+13 38 09.0	18.0	010
(4362)	1994 03 09.98819	11 02 16.93	+13 38 11.3		010
(4362)	1994 03 09.99861	11 02 16.22	+13 38 13.3		010
(4362)	1994 03 10.97708	11 01 14.80	+13 41 48.6		010
(4362)	1994 03 10.98750	11 01 14.12	+13 41 51.2		010
(4362)	1994 03 10.99792	11 01 13.51	+13 41 52.9		010
(4371)	1994 02 16.02222	11 24 41.74	+08 13 01.7	18.1	010
(4371)	1994 02 16.03750	11 24 41.11	+08 13 06.3		010
(4414)	1994 02 16.02222	11 13 38.12	+08 33 46.2	18.3	010
(4414)	1994 02 16.03750	11 13 37.19	+08 33 46.4		010
(4458)	1994 02 16.02222	11 14 21.20	+11 43 49.1	18.0	010
(4458)	1994 02 16.03750	11 14 20.44	+11 43 55.5		010
(4527)	1994 01 30.90289	08 10 10.42	+17 33 09.4		010
(4527)	1994 01 30.91481	08 10 09.66	+17 33 13.5		010
(5707)	1993 09 18.96389	22 31 21.80	−05 50 45.2	18.3	010
(5707)	1993 09 18.97431	22 31 21.30	−05 50 50.7		010
(5707)	1993 09 18.98623	22 31 20.67	−05 50 55.9		010

012 Uccle

E. W. Elst, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180 Brussels, Belgium

Double astrograph

(274)	1994 03 10.93924	11 20 34.05	+10 16 56.5	14.0	012
(274)	1994 03 10.98090	11 20 32.13	+10 17 11.1		012
(275)	1994 03 10.93924	11 19 07.86	+09 26 30.2	12.0	012
(275)	1994 03 10.98090	11 19 05.79	+09 26 47.9		012
(622)	1994 03 10.93924	11 23 47.98	+10 27 26.6	14.0	012
(622)	1994 03 10.98090	11 23 45.17	+10 27 48.6		012

033 Tautenburg

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1.3-m Schmidt telescope
PPM

1981 EU_8		1994 01 14.06250	08 24 55.35	+25 44 09.9			033
1981 EU_8		1994 01 15.07222	08 23 50.42	+25 44 31.2	17.9		033
1981 EU_8		1994 01 15.11319	08 23 47.69	+25 44 31.6			033
1982 UQ_6		1994 03 04.94167	11 02 36.74	+04 27 17.6	18.5		033
1982 UQ_6		1994 03 04.98333	11 02 34.70	+04 27 31.2			033
1985 SJ_3		1994 02 15.05174	11 17 16.44	+03 26 30.3	17.5		033
1985 SJ_3		1994 02 15.11736	11 17 13.02	+03 26 36.1			033
1985 SJ_3		1994 02 16.04479	11 16 25.94	+03 28 14.7			033
1985 SJ_3		1994 03 04.94167	10 59 18.80	+04 13 43.3	17.1		033
1985 SJ_3		1994 03 04.98333	10 59 15.97	+04 13 51.6			033
1986 AH		1994 03 04.87847	07 49 39.16	+29 23 49.3	17.8		033
1986 AH		1994 03 04.92014	07 49 39.01	+29 24 14.8			033
1989 AE_7		1994 02 05.09063	11 18 39.56	+02 29 51.4			033
1989 AE_7		1994 02 15.05174	11 12 24.51	+02 54 26.7	18.2		033
1989 AE_7		1994 02 15.11736	11 12 21.59	+02 54 37.4			033
1989 AE_7		1994 02 16.04479	11 11 41.29	+02 57 32.5			033
1989 AE_7		1994 03 04.94167	10 57 53.30	+04 02 41.2	17.8		033
1989 AE_7		1994 03 04.98333	10 57 51.11	+04 02 51.4			033
1989 EC_2		1994 01 14.06250	08 18 41.35	+27 56 23.0			033
1989 EC_2		1994 01 15.07222	08 17 47.72	+27 59 26.1	18.1		033
1989 EC_2		1994 01 15.11319	08 17 45.44	+27 59 33.1			033
1991 GU_9		1994 01 14.06250	08 26 00.94	+26 51 25.8			033
1991 GU_9		1994 01 15.07222	08 24 59.32	+26 59 34.8	17.5		033
1991 GU_9		1994 01 15.11319	08 24 56.74	+26 59 54.2			033
1991 GU_9		1994 02 05.06250	08 03 20.38	+29 20 40.8	17.5		033
1991 GU_9		1994 02 14.88611	07 55 06.00	+30 01 39.8			033
1991 GU_9		1994 02 14.95764	07 55 02.87	+30 01 53.9	17.8		033
1991 GU_9		1994 02 15.97986	07 54 19.49	+30 05 09.2			033
1991 GU_9		1994 03 04.87847	07 46 55.10	+30 34 26.4	18.2		033
1991 GU_9		1994 03 04.92014	07 46 54.61	+30 34 27.8			033
1992 RT		1994 02 15.88611	06 52 55.62	+22 08 42.4	18.7		033
1992 RT		1994 02 15.93611	06 52 54.73	+22 08 46.6			033
1992 RT		1994 02 16.94063	06 52 38.18	+22 10 13.2		I	033
1992 RT		1994 03 04.79028	06 51 55.02	+22 26 40.9	19.0		033
1992 RT		1994 03 04.85625	06 51 55.59	+22 26 43.5			033
1992 UG_4		1994 01 14.06250	08 24 53.71	+27 30 59.3			033
1992 UG_4		1994 01 15.07222	08 24 00.06	+27 35 04.9	18.6		033
1992 UG_4		1994 01 15.11319	08 23 57.81	+27 35 14.7			033
1993 UV_8	*	1993 10 17.94306	02 18 11.61	+06 06 13.7	19.0		033
1993 UV_8		1993 10 18.00278	02 18 08.18	+06 05 58.6			033
1993 UW_8	*	1993 10 17.94306	02 19 02.41	+06 25 04.9	19.1		033
1993 UW_8		1993 10 18.00278	02 18 58.92	+06 24 51.2			033
1993 VH_5		1993 10 17.94306	02 16 15.01	+06 18 21.2	18.7		033
1993 VH_5		1993 10 18.00278	02 16 12.01	+06 18 04.2			033
1994 AM_3		1994 02 14.88611	07 59 06.96	+30 29 16.4			033
1994 AM_3		1994 02 14.95764	07 59 03.31	+30 29 03.4	18.2		033
1994 AM_3		1994 02 15.97986	07 58 13.91	+30 25 41.0		I	033
1994 AM_3		1994 03 04.87847	07 50 47.20	+29 06 43.5	18.0		033
1994 AM_3		1994 03 04.92014	07 50 46.84	+29 06 29.9			033
1994 AN_9		1994 02 14.88611	07 54 35.87	+29 06 55.9			033
1994 AN_9		1994 02 14.95764	07 54 32.98	+29 07 29.2	18.7		033
1994 AN_9		1994 02 15.97986	07 53 53.51	+29 14 58.1			033
1994 AN_9		1994 03 04.87847	07 46 50.65	+30 52 21.9	18.9		033
1994 AN_9		1994 03 04.92014	07 46 50.10	+30 52 32.9			033
1994 AR_{15}	*	1994 01 14.06250	08 18 29.01	+26 38 14.2		V	033
1994 AR_{15}		1994 01 15.07222	08 17 28.94	+26 39 33.1	19.1		033
1994 AR_{15}		1994 01 15.11319	08 17 26.26	+26 39 38.1			033
1994 AS_{15}	*	1994 01 14.06250	08 20 15.88	+27 58 02.0			033
1994 AS_{15}		1994 01 15.07222	08 19 03.02	+28 02 37.8	18.4		033
1994 AS_{15}		1994 01 15.11319	08 18 59.97	+28 02 48.6			033
1994 AT_{15}	*	1994 01 14.06250	08 21 04.75	+26 58 40.1		V	033
1994 AT_{15}		1994 01 15.07222	08 19 54.19	+27 02 00.8	18.7		033
1994 AT_{15}		1994 01 15.11319	08 19 51.27	+27 02 08.5			033
1994 AU_{15}	*	1994 01 14.06250	08 22 29.60	+25 45 47.9			033
1994 AU_{15}		1994 01 15.07222	08 21 25.46	+25 54 11.4	18.9		033
1994 AU_{15}		1994 01 15.11319	08 21 22.75	+25 54 31.4			033
1994 AV_{15}	*	1994 01 14.06250	08 23 44.33	+27 57 09.6		V	033
1994 AV_{15}		1994 01 15.07222	08 22 44.05	+27 59 27.1	19.3		033
1994 AV_{15}		1994 01 15.11319	08 22 41.52	+27 59 32.1			033
1994 AW_{15}	*	1994 01 14.06250	08 24 37.21	+25 39 50.0		V	033
1994 AW_{15}		1994 01 15.07222	08 23 41.64	+25 41 42.7	19.1		033
1994 AW_{15}		1994 01 15.11319	08 23 39.33	+25 41 48.2			033
1994 AX_{15}	*	1994 01 14.06250	08 26 15.74	+25 22 36.1		F	033
1994 AX_{15}		1994 01 15.07222	08 25 12.97	+25 23 27.1	19.0		033
1994 AX_{15}		1994 01 15.11319	08 25 10.36	+25 23 29.4			033
1994 AY_{15}	*	1994 01 14.06250	08 27 43.39	+28 19 31.1			033
1994 AY_{15}		1994 01 15.07222	08 26 39.29	+28 26 47.9	18.3		033
1994 AY_{15}		1994 01 15.11319	08 26 36.59	+28 27 05.0			033
1994 AZ_{15}	*	1994 01 14.06250	08 28 30.85	+26 45 00.3		F	033
1994 AZ_{15}		1994 01 15.07222	08 27 25.06	+26 51 05.5	18.9		033
1994 AZ_{15}		1994 01 15.11319	08 27 22.29	+26 51 19.7			033
1994 AA_{16}	*	1994 01 14.06250	08 28 39.55	+26 50 27.0		V	033
1994 AA_{16}		1994 01 15.07222	08 27 38.21	+26 56 54.3	19.2		033
1994 AA_{16}		1994 01 15.11319	08 27 35.62	+26 57 09.6			033
1994 AB_{16}	*	1994 01 14.06250	08 29 24.32	+26 54 59.2		V	033
1994 AB_{16}		1994 01 15.07222	08 28 24.79	+27 03 06.5	19.0		033
1994 AB_{16}		1994 01 15.11319	08 28 22.26	+27 03 25.5			033
1994 AC_{16}	*	1994 01 14.06250	08 30 12.60	+28 00 25.7			033
1994 AC_{16}		1994 01 15.07222	08 29 09.99	+28 09 30.8	18.8		033
1994 AC_{16}		1994 01 15.11319	08 29 07.32	+28 09 52.7			033
1994 AD_{16}	*	1994 01 14.06250	08 30 43.73	+27 40 56.7			033
1994 AD_{16}		1994 01 15.07222	08 29 50.11	+27 44 46.6	18.7		033
1994 AD_{16}		1994 01 15.11319	08 29 47.86	+27 44 55.7			033
1994 AE_{16}	*	1994 01 14.06250	08 31 05.92	+26 59 36.5		V	033
1994 AE_{16}		1994 01 15.07222	08 30 16.98	+27 05 01.4	19.2		033
1994 AE_{16}		1994 01 15.11319	08 30 14.92	+27 05 14.7			033
1994 AF_{16}	*	1994 01 14.06250	08 31 27.66	+27 40 36.0		F	033
1994 AF_{16}		1994 01 15.07222	08 30 23.15	+27 48 10.6	18.8		033
1994 AF_{16}		1994 01 15.11319	08 30 20.43	+27 48 28.3			033
1994 AG_{16}	*	1994 01 14.06250	08 32 28.43	+26 18 29.3			033
1994 AG_{16}		1994 01 15.07222	08 31 19.03	+26 22 21.8	18.5		033
1994 AG_{16}		1994 01 15.11319	08 31 16.08	+26 22 30.3			033

2140 P-L	1994 03 04.87847	07 47 40.30	+31 15 44.0	18.7		033
2140 P-L	1994 03 04.92014	07 47 39.60	+31 15 33.5			033
(87)	1994 03 04.87847	07 51 50.37	+31 50 02.8	13.9		033
(87)	1994 03 04.92014	07 51 49.66	+31 50 01.0			033
(340)	1994 01 14.06250	08 31 16.89	+26 45 26.9			033
(340)	1994 01 15.07222	08 30 17.88	+26 49 14.2	14.3		033
(340)	1994 01 15.11319	08 30 15.41	+26 49 22.8			033
(918)	1994 01 14.06250	08 32 42.37	+28 01 06.4			033
(918)	1994 01 15.07222	08 31 41.51	+28 02 24.6	16.1		033
(918)	1994 01 15.11319	08 31 38.97	+28 02 27.5			033
(1179)	1994 03 04.87847	07 40 23.09	+31 42 33.5	18.3		033
(1179)	1994 03 04.92014	07 40 22.32	+31 42 23.7			033
(1671)	1994 02 15.05174	11 08 18.96	+03 11 54.2	16.3		033
(1671)	1994 02 15.11736	11 08 15.68	+03 12 20.0			033
(1671)	1994 02 16.04479	11 07 31.29	+03 18 21.8			033
(1671)	1994 03 04.94167	10 52 41.63	+05 19 27.2	16.1		033
(1671)	1994 03 04.98333	10 52 39.36	+05 19 46.0			033
(1721)	1994 01 14.06250	08 19 57.58	+27 48 12.5			033
(1721)	1994 01 15.07222	08 18 56.27	+27 47 14.4	15.9		033
(1721)	1994 01 15.11319	08 18 53.73	+27 47 11.9			033
(2592)	1994 02 15.05174	11 16 28.87	+03 11 32.6	16.8		033
(2592)	1994 02 15.11736	11 16 26.39	+03 11 47.0			033
(2592)	1994 02 16.04479	11 15 52.83	+03 15 25.6			033
(2592)	1994 03 04.94167	11 03 57.23	+04 34 16.7	16.5		033
(2592)	1994 03 04.98333	11 03 55.34	+04 34 29.8			033
(3211)	1994 02 14.88611	07 55 47.79	+29 34 05.9			033
(3211)	1994 02 14.95764	07 55 44.87	+29 33 42.7	17.0		033
(3211)	1994 02 15.97986	07 55 05.36	+29 28 04.8			033
(3845)	1994 03 04.94167	10 51 42.96	+03 04 16.8	17.2		033
(3845)	1994 03 04.98333	10 51 41.18	+03 04 31.5			033
(3993)	1994 03 04.94167	11 02 16.77	+02 32 23.4	16.8		033
(3993)	1994 03 04.98333	11 02 14.55	+02 32 39.9			033
(4652)	1994 01 14.06250	08 29 27.80	+28 05 23.0			033
(4652)	1994 01 15.07222	08 28 13.67	+28 05 41.0	17.6		033
(4652)	1994 01 15.11319	08 28 10.59	+28 05 41.4			033

046 Kleť
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Observers J. Tichá, Z. Vávrová, Z. Moravec, M. Tichý
Measurers J. Tichá, Z. Moravec, M. Tichý
0.57-m $f/5.2$ reflector + CCD
GSC

1978 WC	1994 03 09.83819	07 06 28.21	+30 23 17.3	18.2 V	F	046
1978 WC	1994 03 09.84253	07 06 28.34	+30 23 17.6		F	046
1978 WC	1994 03 09.84376	07 06 28.40	+30 23 17.1		F	046
1978 WC	1994 03 09.84903	07 06 28.64	+30 23 16.4		F	046
1980 DD_1	1994 03 12.14220	12 21 18.53	+06 46 51.3	16.6 V		046
1980 DD_1	1994 03 12.14627	12 21 18.31	+06 46 52.0			046
1980 DD_1	1994 03 12.14722	12 21 18.25	+06 46 52.2			046
1980 DD_1	1994 03 12.14811	12 21 18.18	+06 46 52.3			046
1980 DD_1	1994 03 12.14912	12 21 18.14	+06 46 52.7			046
1980 PZ	1994 03 11.99830	10 01 36.61	+08 11 15.2	17.7 V		046
1980 PZ	1994 03 12.00351	10 01 36.34	+08 11 15.4			046
1980 PZ	1994 03 12.00453	10 01 36.25	+08 11 15.5			046
1980 PZ	1994 03 12.00553	10 01 36.22	+08 11 16.1			046
1980 PZ	1994 03 12.00655	10 01 36.16	+08 11 16.2			046
1982 EF	1994 03 09.81343	06 04 22.43	+09 13 25.4		I	046
1982 EF	1994 03 09.81730	06 04 22.58	+09 13 27.0		I	046
1982 EF	1994 03 09.81850	06 04 22.60	+09 13 27.5		I	046
1982 EF	1994 03 09.81955	06 04 22.63	+09 13 28.1			046
1982 EF	1994 03 09.82074	06 04 22.69	+09 13 28.5	17.3 V		046
1982 UD_2	1994 03 09.89700	09 05 42.73	+20 18 15.9	17.2 V		046
1982 UD_2	1994 03 09.89888	09 05 42.69	+20 18 16.1			046
1982 UD_2	1994 03 09.90145	09 05 42.62	+20 18 15.4			046
1982 UD_2	1994 03 09.90257	09 05 42.58	+20 18 15.9			046
1982 UD_2	1994 03 09.90402	09 05 42.49	+20 18 16.3			046
1982 UF_2	1994 03 10.92904	09 17 11.94	+07 06 11.4	17.6 V		046
1982 UF_2	1994 03 10.93082	09 17 11.90	+07 06 12.6			046
1982 UF_2	1994 03 10.93382	09 17 11.77	+07 06 13.5			046
1982 UF_2	1994 03 10.93595	09 17 11.70	+07 06 14.4			046
1983 QE	1994 03 12.08374	10 47 26.96	+05 19 39.8	18.2 V		046
1983 QE	1994 03 12.08477	10 47 26.89	+05 19 40.8			046
1983 QE	1994 03 12.08580	10 47 26.86	+05 19 41.3			046
1983 QE	1994 03 12.08684	10 47 26.82	+05 19 42.0			046
1983 QE	1994 03 12.08794	10 47 26.75	+05 19 42.4			046
1983 TH	1994 03 09.79384	04 09 58.73	+26 31 59.1	18.3 V		046
1983 TH	1994 03 09.79892	04 09 59.33	+26 32 00.5			046
1983 TH	1994 03 09.80068	04 09 59.44	+26 32 01.3			046
1983 TH	1994 03 09.80183	04 09 59.60	+26 32 01.4			046
1983 TH	1994 03 09.80311	04 09 59.74	+26 32 02.0		M	046
1983 TH	1994 03 09.80498	04 09 59.94	+26 32 02.7			046
1984 SZ_1	1994 03 10.90756	09 09 55.27	+14 48 45.9	17.5 V		046
1984 SZ_1	1994 03 10.90906	09 09 55.24	+14 48 46.0			046
1984 SZ_1	1994 03 10.91014	09 09 55.20	+14 48 45.7			046
1984 SZ_1	1994 03 10.91127	09 09 55.13	+14 48 45.9			046
1984 SZ_1	1994 03 10.91237	09 09 55.08	+14 48 46.4			046
1984 SZ_1	1994 03 10.91650	09 09 54.99	+14 48 46.6			046
1986 WB_1	1994 03 30.88786	08 11 47.97	+14 37 27.8	16.7 V		046
1986 WB_1	1994 03 30.88940	08 11 48.05	+14 37 27.8			046
1986 WB_1	1994 03 30.89169	08 11 48.12	+14 37 27.7			046
1986 WB_1	1994 04 03.88263	08 15 24.31	+14 33 38.8	16.6 V		046
1986 WB_1	1994 04 03.88463	08 15 24.41	+14 33 38.7			046
1986 WB_1	1994 04 03.88737	08 15 24.60	+14 33 37.8			046
1987 VT	1994 03 12.04853	10 33 26.36	+35 06 45.2	16.7 V		046
1987 VT	1994 03 12.05031	10 33 26.26	+35 06 45.4			046
1987 VT	1994 03 12.05237	10 33 26.13	+35 06 45.2			046
1987 VT	1994 03 12.05420	10 33 26.00	+35 06 45.3			046
1987 VT	1994 03 12.05670	10 33 25.88	+35 06 45.5			046
1987 VT	1994 03 12.05817	10 33 25.81	+35 06 45.5			046
1987 VA_1	1994 03 30.85279	07 44 35.96	+37 14 11.9	16.9 V		046
1987 VA_1	1994 03 30.85491	07 44 36.01	+37 14 11.1			046
1987 VA_1	1994 03 30.85765	07 44 36.12	+37 14 10.1			046
1987 VA_1	1994 04 03.82944	07 46 54.67	+36 47 36.1	16.7 V		046
1987 VA_1	1994 04 03.83568	07 46 54.88	+36 47 33.5			046
1989 EC_2	1994 03 30.86735	07 45 32.78	+27 28 29.3			046

1989 EC_2	1994 03 30.87003	07 45 32.86	+27 28 29.0			046
1989 EC_2	1994 03 30.87346	07 45 32.98	+27 28 27.5			046
1989 EC_2	1994 04 03.85068	07 47 15.17	+27 15 36.8	17.8	V	046
1989 EC_2	1994 04 03.85337	07 47 15.28	+27 15 37.8			046
1989 EC_2	1994 04 03.85681	07 47 15.39	+27 15 36.3			046
1989 SF	1994 03 11.10542	11 44 52.47	−01 51 04.3	16.6	V	046
1989 SF	1994 03 11.10641	11 44 52.39	−01 51 03.7			046
1989 SF	1994 03 11.10735	11 44 52.33	−01 51 03.5			046
1989 SF	1994 03 11.10831	11 44 52.28	−01 51 03.4			046
1989 UF	1994 03 10.94128	10 02 16.39	+03 54 50.7	17.0	V	046
1989 UF	1994 03 10.94543	10 02 16.21	+03 54 52.2			046
1989 UF	1994 03 10.94704	10 02 16.16	+03 54 53.0			046
1989 UF	1994 03 10.94830	10 02 16.07	+03 54 53.4			046
1989 UF	1994 03 10.94941	10 02 16.05	+03 54 54.2			046
1989 UF	1994 03 11.98906	10 01 29.27	+04 03 13.4	17.1	V	046
1989 UF	1994 03 11.99304	10 01 29.09	+04 03 15.1			046
1989 UF	1994 03 11.99435	10 01 29.03	+04 03 15.9			046
1989 UF	1994 03 11.99559	10 01 28.97	+04 03 16.2			046
1989 UF	1994 03 11.99660	10 01 28.91	+04 03 16.9			046
1989 UT	1994 03 10.99778	10 49 58.47	+17 24 37.6	16.7	V r	046
1989 UT	1994 03 11.00500	10 49 58.00	+17 24 39.4		r	046
1989 UT	1994 03 11.00627	10 49 57.93	+17 24 39.7		r	046
1989 UT	1994 03 11.00763	10 49 57.82	+17 24 39.8		r	046
1989 UT	1994 03 11.00869	10 49 57.74	+17 24 40.0		r	046
1989 UT	1994 03 12.10144	10 48 48.40	+17 27 41.2	16.9	V r	046
1989 UT	1994 03 12.10248	10 48 48.35	+17 27 41.3		r	046
1989 UT	1994 03 12.10351	10 48 48.28	+17 27 41.3		r	046
1989 UT	1994 03 12.10566	10 48 48.14	+17 27 41.8		r	046
1989 WH_4	1994 03 10.98700	10 29 24.23	+13 43 31.0	16.3	V r	046
1989 WH_4	1994 03 10.99167	10 29 23.98	+13 43 32.7		r	046
1989 WH_4	1994 03 10.99287	10 29 23.91	+13 43 33.3		r	046
1989 WH_4	1994 03 10.99399	10 29 23.85	+13 43 33.5		r	046
1989 WH_4	1994 03 10.99495	10 29 23.81	+13 43 34.0		r	046
1989 WH_4	1994 03 12.02647	10 28 31.58	+13 50 19.7	16.8	V	046
1989 WH_4	1994 03 12.02976	10 28 31.41	+13 50 21.1			046
1989 WH_4	1994 03 12.03160	10 28 31.31	+13 50 22.0			046
1989 WH_4	1994 03 12.03251	10 28 31.26	+13 50 22.2			046
1989 WH_4	1994 03 12.03619	10 28 31.07	+13 50 23.7			046
(1763)	1994 03 11.07943	11 23 02.83	−01 26 37.1	16.5	V r	046
(1763)	1994 03 11.08042	11 23 02.78	−01 26 36.8		r	046
(1763)	1994 03 11.08132	11 23 02.71	−01 26 36.5		r	046
(1763)	1994 03 11.08256	11 23 02.64	−01 26 36.1		r	046
(1904)	1994 03 11.08988	11 44 53.12	+20 18 43.0	15.3	V	046
(1904)	1994 03 11.09089	11 44 53.07	+20 18 43.3			046
(1904)	1994 03 11.09182	11 44 53.01	+20 18 43.8			046
(1904)	1994 03 11.09403	11 44 52.91	+20 18 44.8			046
(1920)	1994 03 11.01566	10 54 11.06	+50 31 57.8	16.9	V r	046
(1920)	1994 03 11.01973	10 54 10.66	+50 31 56.9		r	046
(1920)	1994 03 11.02093	10 54 10.56	+50 31 56.6		r	046
(1920)	1994 03 11.02214	10 54 10.44	+50 31 56.3		r	046
(2855)	1994 03 09.82403	06 53 05.92	+28 59 13.4	16.7	V	046
(2855)	1994 03 09.83122	06 53 06.20	+28 59 10.7			046
(2855)	1994 03 09.83256	06 53 06.28	+28 59 10.3			046
(2855)	1994 03 09.83348	06 53 06.31	+28 59 09.9			046
(2855)	1994 03 09.83456	06 53 06.38	+28 59 09.2			046
(2938)	1994 03 11.05979	11 17 41.28	+49 39 51.2	17.9	V r	046
(2938)	1994 03 12.12478	11 16 39.84	+49 44 45.2	17.7	V	046
(2938)	1994 03 12.12588	11 16 39.79	+49 44 45.7			046
(2938)	1994 03 12.12692	11 16 39.73	+49 44 46.1			046
(2938)	1994 03 12.12795	11 16 39.65	+49 44 45.7			046
(3296)	1994 03 09.86193	07 09 41.11	+26 13 58.2	16.4	V	046
(3296)	1994 03 09.86293	07 09 41.12	+26 13 58.1			046
(3296)	1994 03 09.86382	07 09 41.15	+26 13 58.0			046
(3296)	1994 03 09.86657	07 09 41.21	+26 13 58.5			046
(3296)	1994 03 09.87042	07 09 41.25	+26 13 59.2			046
(3296)	1994 03 09.87138	07 09 41.25	+26 13 59.3			046
(4792)	1994 02 20.04071	11 20 36.42	+16 15 20.5	17.4	V	046
(4792)	1994 02 20.04578	11 20 36.26	+16 15 21.5			046
(4792)	1994 02 20.04763	11 20 36.22	+16 15 21.8			046
(4792)	1994 02 20.04889	11 20 36.18	+16 15 22.1			046
(4792)	1994 02 20.05023	11 20 36.15	+16 15 22.3			046
(4792)	1994 03 11.03919	11 11 31.06	+17 11 30.9	17.5	V r	046
(4792)	1994 03 11.04031	11 11 31.03	+17 11 31.2		r	046
(4792)	1994 03 11.04144	11 11 30.99	+17 11 31.2		r	046
(4792)	1994 03 11.04256	11 11 30.97	+17 11 31.6		r	046
(4792)	1994 03 11.04370	11 11 30.92	+17 11 31.4		r	046
(4792)	1994 03 11.04508	11 11 30.88	+17 11 31.9		r	046
(4792)	1994 03 11.04645	11 11 30.84	+17 11 32.1		r	046
(4792)	1994 03 11.04782	11 11 30.82	+17 11 32.2		r	046

056 Skalnaté Pleso

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Observers P. Schalling, E. M. Pittich, J. Svoreň, J. Fabricius, G. Červák, P. Rychtarčík

0.3-m $f/5$ astrograph

(1)	1981 01 28.85347	07 18 38.48	+31 43 57.4		056
(4)	1981 01 11.02708	10 58 28.08	+13 33 40.7		056
(4)	1981 01 11.06458	10 58 28.04	+13 33 52.6		056
(4)	1981 01 29.96389	10 53 43.77	+15 35 46.0		056
(4)	1981 02 06.95521	10 48 40.96	+16 42 03.9		056
(4)	1981 02 06.97465	10 48 40.07	+16 42 13.3		056
(4)	1981 02 26.89375	10 30 57.76	+19 29 09.1	b	056
(4)	1981 02 26.98056	10 30 52.42	+19 29 49.6	b	056
(4)	1981 02 27.78785	10 30 05.92	+19 35 46.8		056
(4)	1981 02 27.82361	10 30 03.82	+19 36 03.4		056
(11)	1981 07 31.95139	19 37 21.84	−20 42 29.7	G	056
(11)	1981 08 04.86111	19 34 17.51	−21 00 47.1		056
(11)	1981 08 04.92778	19 34 14.37	−21 01 04.9		056
(11)	1981 08 05.84792	19 33 33.89	−21 05 13.0		056
(11)	1981 08 05.91458	19 33 30.88	−21 05 30.5		056
(11)	1981 08 06.92222	19 32 47.90	−21 09 57.3		056
(11)	1981 08 06.95139	19 32 46.65	−21 10 05.1		056
(11)	1981 09 05.79896	19 25 18.84	−22 40 08.1		056

(11)	1981 09 05.83576	19 25 19.28	−22 40 12.5	056
(18)	1981 06 28.98160	22 14 56.21	−04 29 35.9	056
(18)	1981 06 29.00208	22 14 56.83	−04 29 35.9	056
(18)	1981 08 04.88403	22 16 28.73	−07 34 53.1	056
(18)	1981 08 04.94168	22 16 26.98	−07 35 29.8	056
(18)	1981 08 06.96944	22 15 26.30	−07 57 25.1	056
(18)	1981 08 07.01042	22 15 24.97	−07 57 51.1	056
(18)	1981 08 07.88819	22 14 57.13	−08 07 40.5	056
(18)	1981 08 07.94514	22 14 55.16	−08 08 19.3	056
(18)	1981 08 30.91771	21 59 04.91	−13 07 24.9	056
(18)	1981 08 30.96563	21 59 02.76	−13 08 04.0	056
(18)	1981 09 04.99271	21 55 36.97	−14 14 13.5	056
(18)	1981 09 05.98090	21 54 59.48	−14 26 47.2	056
(18)	1981 09 06.89792	21 54 25.69	−14 38 19.7	056
(18)	1981 09 06.92569	21 54 24.65	−14 38 40.4	056
(97)	1981 01 08.11493	08 24 58.15	+04 41 21.3	056
(97)	1981 01 08.15139	08 24 56.51	+04 41 33.5	056
(97)	1981 01 08.87199	08 24 23.18	+04 46 13.5	056
(97)	1981 01 08.92153	08 24 20.72	+04 46 32.6	056
(97)	1981 01 09.90590	08 23 33.83	+04 53 08.1	056
(97)	1981 01 09.95347	08 23 31.45	+04 53 27.4	056
(128)	1981 09 02.86528	00 38 31.73	−06 52 53.0	056
(128)	1981 09 02.89861	00 38 30.69	−06 53 03.5	056
(148)	1981 06 09.97083	21 46 08.91	−02 13 57.8	056
(148)	1981 06 10.00833	21 46 09.83	−02 13 59.5	056
(148)	1981 06 29.00729	21 50 05.62	−03 10 02.3	056
(148)	1981 08 04.90382	21 35 15.84	−09 05 50.4	056
(148)	1981 08 04.95862	21 35 13.35	−09 06 36.3	056
(148)	1981 08 05.89722	21 34 31.88	−09 19 34.0	056
(148)	1981 08 05.98542	21 34 27.85	−09 20 46.6	056
(148)	1981 08 06.96181	21 33 44.22	−09 34 21.7	056
(148)	1981 08 07.00417	21 33 42.28	−09 34 59.8	056
(148)	1981 08 07.91111	21 33 01.19	−09 47 51.7	056
(148)	1981 08 07.95833	21 32 58.96	−09 48 24.0	056
(148)	1981 09 05.82604	21 11 49.65	−16 43 55.8	056
(148)	1981 09 05.84757	21 11 48.92	−16 44 12.9	056
(148)	1981 09 26.77361	21 05 17.92	−20 36 29.2	056
(148)	1981 09 26.80000	21 05 17.79	−20 36 42.0	056
(234)	1981 02 06.94549	09 25 41.60	+12 41 36.7	056
(234)	1981 02 06.96771	09 25 40.21	+12 41 48.9	056
(389)	1981 09 05.02257	05 57 09.56	+27 53 31.6	056
(389)	1981 09 05.07813	05 57 13.86	+27 53 30.7	056
(389)	1981 09 05.99236	05 58 26.89	+27 53 18.7	056
(389)	1981 09 06.01389	05 58 28.57	+27 53 19.6	056
(389)	1981 09 08.02431	06 01 06.66	+27 52 46.9	056
(389)	1981 09 08.05208	06 01 08.88	+27 52 47.1	056
(389)	1981 09 08.99306	06 02 21.93	+27 52 26.7	056
(389)	1981 09 27.10069	06 23 18.24	+27 40 25.1	056
(389)	1981 09 27.12847	06 23 19.82	+27 40 25.2	056
(389)	1981 12 17.81215	06 21 04.96	+25 54 25.2	056
(389)	1981 12 17.84410	06 21 02.84	+25 54 22.3	056
(665)	1981 10 25.79514	22 06 42.40	+03 47 43.0	056
(665)	1981 10 25.87847	22 06 42.78	+03 47 35.7	056

071 Bulgarian National Observatory

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Observers V. Umlenski, C. Dinev

0.50-m $f/1.4$ Schmidt

1985 TM_1	1993 10 18.99830	03 23 02.66	+25 58 35.0	071
1985 TM_1	1993 10 19.02051	03 23 01.35	+25 58 49.4	071
(27)	1993 10 17.87235	00 16 10.94	−01 16 31.6	071
(27)	1993 10 17.90168	00 16 09.41	−01 16 39.9	071
(27)	1993 10 18.95109	00 15 19.33	−01 21 20.5	071
(27)	1993 10 18.97446	00 15 18.15	−01 21 26.0	071
(45)	1993 12 10.81970	01 46 59.13	+02 09 47.5	071
(45)	1993 12 10.84594	01 46 58.79	+02 09 50.4	071
(45)	1993 12 10.87301	01 46 58.54	+02 09 52.3	071
(45)	1993 12 13.80498	01 46 38.57	+02 14 30.3	071
(76)	1993 08 22.97757	22 51 44.74	−04 59 43.8	071
(76)	1993 08 22.99771	22 51 44.04	−04 59 48.8	071
(174)	1993 08 21.94480	22 41 12.62	−05 29 59.6	071
(174)	1993 08 21.99229	22 41 10.23	−05 30 02.1	071
(258)	1993 12 10.81970	01 57 46.93	+03 34 06.6	071
(258)	1993 12 10.84594	01 57 47.17	+03 34 02.2	071
(258)	1993 12 10.87301	01 57 47.55	+03 33 57.7	071
(258)	1993 12 13.80498	01 58 27.30	+03 27 04.2	071
(258)	1993 12 13.86424	01 58 28.16	+03 26 57.8	071
(258)	1993 12 13.93536	01 58 29.24	+03 26 49.3	071
(303)	1993 08 22.97757	23 07 18.58	−06 25 59.2	071
(303)	1993 08 22.99771	23 07 17.65	−06 26 02.0	071
(335)	1993 08 22.97757	22 56 01.88	−08 12 57.5	071
(335)	1993 08 22.99771	22 56 00.90	−08 13 07.4	071
(440)	1993 08 21.94480	22 34 41.92	−06 58 59.6	071
(440)	1993 08 21.99229	22 34 38.68	−06 59 18.2	071
(450)	1993 10 17.87235	00 04 14.51	−01 14 15.9	071
(490)	1993 12 10.81970	02 00 44.60	+02 46 21.7	071
(490)	1993 12 10.84594	02 00 44.32	+02 46 25.0	071
(490)	1993 12 10.87301	02 00 44.16	+02 46 28.0	071
(490)	1993 12 13.80498	02 00 30.00	+02 47 41.8	071
(490)	1993 12 13.86424	02 00 29.74	+02 47 43.0	071
(490)	1993 12 13.93536	02 00 29.63	+02 47 47.2	071
(627)	1993 08 21.92105	21 53 00.36	−13 38 20.1	071
(627)	1993 08 21.96741	21 52 58.15	−13 38 37.4	071
(627)	1993 08 22.93394	21 52 14.07	−13 44 55.6	071
(627)	1993 08 22.95697	21 52 12.99	−13 45 04.2	071
(658)	1993 12 13.83541	01 24 06.71	+10 29 51.0	071
(658)	1993 12 13.90343	01 24 07.06	+10 29 53.1	071
(784)	1993 10 18.99830	03 23 38.21	+27 42 04.1	071
(784)	1993 10 19.02051	03 23 37.23	+27 42 05.2	071
(788)	1993 10 17.87235	00 12 25.71	−02 23 52.3	071
(788)	1993 10 17.90168	00 12 24.51	−02 24 03.3	071
(788)	1993 10 18.95109	00 11 50.37	−02 30 32.6	071
(788)	1993 10 18.97446	00 11 49.51	−02 30 39.3	071

(818)	1993 12 10.81970	01 59 08.30	+01 38 10.6		071
(818)	1993 12 10.84594	01 59 07.78	+01 38 19.9		071
(818)	1993 12 10.87301	01 59 07.43	+01 38 29.1		071
(818)	1993 12 13.80498	01 58 28.89	+01 56 27.8		071
(818)	1993 12 13.86424	01 58 28.25	+01 56 49.1		071
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(934)	1993 08 21.92105	21 54 45.83	−11 53 06.7		071
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(1082)	1993 08 22.99771	23 01 30.83	−06 50 02.0		071
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(1298)	1993 10 19.02051	03 15 17.54	+26 26 03.4		071
(1596)	1993 10 18.99830	03 22 15.20	+27 56 38.5		071
(1596)	1993 10 19.02051	03 22 14.36	+27 56 31.8		071
(1729)	1993 10 17.87235	00 07 10.13	+00 58 36.2		071
(1729)	1993 10 17.90168	00 07 08.61	+00 58 28.7		071
(1729)	1993 10 18.95109	00 06 21.74	+00 54 50.4		071
(1729)	1993 10 18.97446	00 06 20.77	+00 54 43.5		071
(1930)	1993 08 22.93394	21 37 04.36	−11 12 42.3		071
(1930)	1993 08 22.95697	21 37 03.03	−11 12 39.5		071
(2567)	1993 08 22.93394	21 43 49.45	−14 34 07.0		071
(2567)	1993 08 22.95697	21 43 48.37	−14 34 17.0		071
(2713)	1993 08 21.94480	22 39 52.93	−08 39 22.4		071
(2713)	1993 08 21.99229	22 39 50.47	−08 39 38.8		071
(3137)	1993 08 22.93394	21 40 49.19	−10 59 21.7		071
(4271)	1993 08 22.01133	23 35 23.05	−03 58 21.9		071
(4271)	1993 08 22.03124	23 35 22.28	−03 58 30.9		071
(4860)	1993 08 22.01133	23 30 53.13	−01 15 15.5		071
(4860)	1993 08 22.03124	23 30 52.01	−01 15 11.5		071

098 Cima Ekar

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Observers A. Boattini, M. Tombelli, V. Goretti, U. Munari

0.67-m $f/3.2$ Schmidt

1936 SO	1994 03 11.90634	09 14 30.36	+16 37 34.8	14.4 R	098
1936 SO	1994 03 11.91954	09 14 29.44	+16 37 22.7		098
1936 SO	1994 03 12.92222	09 13 22.79	+16 22 24.0		098
1936 SO	1994 03 12.93750	09 13 21.78	+16 22 10.4		098
1980 FH_2	1994 03 11.91294	09 06 52.26	+16 36 34.2	17.8 R	098
1980 FH_2	1994 03 12.92986	09 06 18.23	+16 37 33.7		098
1987 VU	1994 03 12.98109	13 40 41.66	+00 03 33.8	16.5 R	098
1987 VU	1994 03 13.00069	13 40 41.14	+00 03 36.9		098
1987 VU	1994 03 14.95486	13 39 33.98	+00 11 28.8		098
1987 VU	1994 03 14.97222	13 39 33.24	+00 11 30.8		098
1992 UT_4	1994 03 13.02331	12 59 17.78	+03 10 51.9	15.5 R	098
1992 UT_4	1994 03 13.04583	12 59 16.67	+03 10 56.2		098
1992 UT_4	1994 03 14.91597	12 57 41.54	+03 18 09.5		098
1992 UT_4	1994 03 14.93333	12 57 40.53	+03 18 13.0		098
1994 AP_2	1994 03 11.90634	09 08 14.73	+18 12 31.1	15.6 R	098
1994 AP_2	1994 03 11.91294	09 08 14.62	+18 12 36.1		098
1994 AP_2	1994 03 11.91954	09 08 14.51	+18 12 40.8		098
1994 AP_2	1994 03 12.92986	09 08 02.10	+18 26 49.6		098
1994 BF	1994 03 11.91294	09 02 53.82	+19 10 15.4		098
1994 BF	1994 03 12.92986	09 02 41.75	+19 15 00.6		098
1994 BH	1994 03 11.93942	09 12 35.51	+22 15 24.3		098
1994 BH	1994 03 12.88237	09 12 24.58	+22 17 57.9		098
1994 BH	1994 03 12.90266	09 12 24.31	+22 18 01.1		098
1994 EL_1	1994 03 13.02331	12 51 44.86	+03 10 51.4	16.4 R	098
1994 EL_1	1994 03 13.04583	12 51 43.79	+03 10 59.1		098
1994 EL_1	1994 03 14.91597	12 50 07.77	+03 25 27.6		098
1994 EL_1	1994 03 14.93333	12 50 06.96	+03 25 35.6		098
1994 EY_1	* 1994 03 11.99251	13 28 49.70	+09 58 31.9	16.0 R	098
1994 EY_1	1994 03 12.01354	13 28 49.10	+09 58 39.7		098
1994 EY_1	1994 03 12.95741	13 28 22.94	+10 05 10.3		098
1994 EZ_1	* 1994 03 12.03403	13 36 03.41	+00 03 33.9	16.0 R	098
1994 EZ_1	1994 03 12.98109	13 35 33.83	+00 05 34.5		098
1994 EZ_1	1994 03 13.00069	13 35 33.14	+00 05 35.5		098
1994 EZ_1	1994 03 14.95486	13 34 27.81	+00 09 56.0		098
1994 EZ_1	1994 03 14.97222	13 34 27.12	+00 09 57.7		098
1994 ET_2	* 1994 03 11.91294	09 14 45.36	+18 07 07.7	17.8 R	098
1994 ET_2	1994 03 12.92986	09 14 19.04	+18 08 55.9		098
1994 EU_2	* 1994 03 11.91294	09 14 56.75	+17 15 30.4	17.3 R	098
1994 EU_2	1994 03 12.92986	09 14 29.03	+17 19 01.4		098
1994 EV_2	* 1994 03 11.91294	09 17 54.99	+18 49 00.1	17.0 R	098
1994 EV_2	1994 03 12.92986	09 17 16.33	+18 45 46.1		098
1994 EW_2	* 1994 03 11.91294	09 18 25.67	+18 25 52.0	17.3 R	098
1994 EW_2	1994 03 12.92986	09 17 54.81	+18 27 33.3		098
1994 EX_2	* 1994 03 11.93942	09 06 09.45	+21 19 06.8	16.1 R	098
1994 EX_2	1994 03 12.88237	09 05 52.96	+21 21 21.9		098
1994 EX_2	1994 03 12.90266	09 05 52.25	+21 21 25.3		098
1994 EY_2	* 1994 03 11.93942	09 12 07.95	+23 09 35.9	17.0 R	098
1994 EY_2	1994 03 12.88237	09 11 47.67	+23 12 28.2		098
1994 EZ_2	* 1994 03 11.93942	09 14 18.53	+21 36 38.8	16.8 R	098
1994 EZ_2	1994 03 12.88237	09 13 55.78	+21 35 58.2		098
1994 EZ_2	1994 03 12.90266	09 13 55.16	+21 35 55.8		098
1994 EA_3	* 1994 03 11.93942	09 14 18.89	+22 16 32.9	17.1 R	098
1994 EA_3	1994 03 12.88237	09 13 56.94	+22 19 24.4		098
1994 EA_3	1994 03 12.90266	09 13 56.27	+22 19 26.5		098
1994 EB_3	* 1994 03 11.99251	13 24 13.03	+08 53 55.4	16.5 R	098
1994 EB_3	1994 03 12.01354	13 24 12.35	+08 54 00.7		098
1994 EB_3	1994 03 12.95741	13 23 41.59	+08 59 46.2		098
1994 EC_3	* 1994 03 12.98109	13 29 03.34	−00 49 41.2	16.3 R	098
1994 EC_3	1994 03 13.00069	13 29 02.68	−00 49 34.5		098
1994 EC_3	1994 03 14.95486	13 27 57.00	−00 35 21.4		098
1994 EC_3	1994 03 14.97222	13 27 56.32	−00 35 15.0		098
1994 ED_3	* 1994 03 12.98109	13 34 00.33	−01 40 13.7	17.5 R	098
1994 ED_3	1994 03 13.00069	13 33 59.78	−01 40 09.6		098
1994 ED_3	1994 03 13.06516	13 33 57.81	−01 39 49.6		098
1994 ED_3	1994 03 14.95486	13 32 59.57	−01 29 54.6		098
1994 ED_3	1994 03 14.97222	13 32 59.19	−01 29 48.8		098
1994 EE_3	* 1994 03 12.98109	13 36 50.32	+00 54 36.5	16.6 R	098
1994 EE_3	1994 03 13.00069	13 36 49.65	+00 54 44.9		098
1994 EE_3	1994 03 14.95486	13 35 55.59	+01 10 24.0		098
1994 EE_3	1994 03 14.97222	13 35 55.08	+01 10 31.5		098
1994 EF_3	* 1994 03 12.98109	13 37 17.17	−00 24 21.2	16.6 R	098

1994 EF_3		1994 03 13.00069	13 37 16.51	−00 24 14.8		098
1994 EF_3		1994 03 14.95486	13 36 10.58	−00 10 45.5		098
1994 EF_3		1994 03 14.97222	13 36 10.02	−00 10 38.7		098
1994 EG_3	*	1994 03 12.98109	13 41 11.95	−00 37 54.2	15.9 R	098
1994 EG_3		1994 03 13.00069	13 41 11.53	−00 37 44.9		098
1994 EG_3		1994 03 14.95486	13 40 30.89	−00 21 30.9		098
1994 EG_3		1994 03 14.97222	13 40 30.49	−00 21 22.0		098
1994 EH_3	*	1994 03 12.98109	13 42 19.95	−00 25 46.4	16.0 R	098
1994 EH_3		1994 03 13.00069	13 42 19.38	−00 25 44.3		098
1994 EH_3		1994 03 14.95486	13 41 15.01	−00 20 32.4		098
1994 EH_3		1994 03 14.97222	13 41 14.51	−00 20 30.8		098
1994 EJ_3	*	1994 03 13.02331	12 52 34.60	+02 18 53.5	17.6 R	098
1994 EJ_3		1994 03 13.04583	12 52 34.04	+02 19 04.2		098
1994 EJ_3		1994 03 14.91597	12 51 25.58	+02 35 44.7		098
1994 EJ_3		1994 03 14.93333	12 51 25.12	+02 35 52.8		098
1994 EK_3	*	1994 03 13.02331	12 56 05.64	+02 51 42.8	16.8 R	098
1994 EK_3		1994 03 13.04583	12 56 04.48	+02 51 44.8		098
1994 EK_3		1994 03 14.91597	12 54 34.16	+02 55 35.2		098
1994 EK_3		1994 03 14.93333	12 54 33.32	+02 55 36.8		098
1994 EL_3	*	1994 03 13.02331	12 59 04.19	+01 12 50.2	16.5 R	098
1994 EL_3		1994 03 13.04583	12 59 03.33	+01 13 03.0		098
1994 EL_3		1994 03 14.91597	12 57 52.61	+01 33 21.0		098
1994 EL_3		1994 03 14.93333	12 57 51.94	+01 33 34.0		098
2480 T-3		1994 03 11.93942	09 10 43.00	+22 07 52.8	16.2 R	098
2480 T-3		1994 03 12.88237	09 10 07.33	+22 05 30.8		098
2480 T-3		1994 03 12.90266	09 10 06.54	+22 05 26.0		098

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

1976 QN		1994 03 10.93524	09 10 55.23	+16 25 52.5	17	104
1976 QN		1994 03 10.94039	09 10 55.04	+16 25 52.8		104
1976 QN		1994 03 10.94549	09 10 54.83	+16 25 53.1		104
1994 AB_1		1994 02 09.79916	07 37 24.98	+30 42 13.5		104
1994 AB_1		1994 02 09.80278	07 37 24.99	+30 42 13.3		104
1994 AB_1		1994 02 09.81087	07 37 25.01	+30 42 12.3		104
1994 AB_1		1994 02 09.81942	07 37 25.04	+30 42 10.6		104
1994 AB_1		1994 02 09.82326	07 37 25.05	+30 42 09.8		104
1994 AH_2		1994 02 16.79104	03 10 39.31	+06 16 20.2		104
1994 AH_2		1994 02 16.79653	03 10 39.40	+06 16 25.2		104
1994 AH_2		1994 02 16.80571	03 10 39.86	+06 16 33.3		104
1994 AH_2		1994 02 16.81042	03 10 40.02	+06 16 37.9		104
1994 BF		1994 02 16.83948	09 15 58.72	+16 22 15.8		104
1994 BF		1994 02 16.84306	09 15 58.66	+16 22 16.5		104
1994 BF		1994 02 16.84991	09 15 58.52	+16 22 17.8		104
1994 BF		1994 02 16.85417	09 15 58.47	+16 22 18.3		104
1994 BF		1994 02 17.81468	09 15 09.56	+16 31 24.3		104
1994 BF		1994 02 17.81875	09 15 09.41	+16 31 26.7		104
1994 BF		1994 02 17.82503	09 15 09.07	+16 31 30.2		104
1994 BF		1994 02 17.83455	09 15 08.55	+16 31 35.5		104
1994 BA_1		1994 02 09.90350	09 59 09.15	+20 48 17.4		104
1994 BA_1		1994 02 09.90764	09 59 08.84	+20 48 17.9		104
1994 BA_1		1994 02 09.91111	09 59 08.63	+20 48 18.3		104
1994 BA_1		1994 02 09.91628	09 59 08.31	+20 48 19.0		104
1994 DG		1994 03 04.76944	09 14 56.76	+15 19 34.3	17	104
1994 DG		1994 03 04.77361	09 14 56.62	+15 19 35.0		104
1994 DG		1994 03 04.77778	09 14 56.43	+15 19 37.2		104
1994 DG		1994 03 04.78750	09 14 56.06	+15 19 39.6		104
1994 DG		1994 03 04.79167	09 14 55.96	+15 19 41.5		104
1994 DG		1994 03 05.79343	09 14 18.40	+15 25 05.8		104
1994 DG		1994 03 05.79792	09 14 18.36	+15 25 06.0		104
1994 DG		1994 03 05.80208	09 14 18.19	+15 25 07.7		104
1994 DG		1994 03 05.80625	09 14 18.03	+15 25 08.6		104
1994 DG		1994 03 06.78293	09 13 42.52	+15 30 17.5		104
1994 DG		1994 03 06.78750	09 13 42.36	+15 30 19.3		104
1994 DG		1994 03 06.79167	09 13 42.20	+15 30 20.4		104
1994 DG		1994 03 06.79583	09 13 42.00	+15 30 22.1		104
1994 DG		1994 03 08.94965	09 12 27.32	+15 41 22.6		104
1994 DG		1994 03 08.95417	09 12 27.18	+15 41 23.6		104
1994 DG		1994 03 08.95833	09 12 27.00	+15 41 24.5		104
1994 ES		1994 03 10.79863	09 12 28.80	+16 38 00.6	18.5	104
1994 ES		1994 03 10.80382	09 12 28.61	+16 38 03.3		104
1994 ES		1994 03 10.80903	09 12 28.43	+16 38 06.2		104
1994 ES		1994 03 10.81528	09 12 28.22	+16 38 10.3		104
1994 ES		1994 03 11.79792	09 11 54.67	+16 48 17.1		104
1994 ES		1994 03 11.80318	09 11 54.51	+16 48 20.2		104
1994 ES		1994 03 11.80851	09 11 54.33	+16 48 24.9		104
1994 ES		1994 03 11.81366	09 11 54.14	+16 48 28.2		104
1994 ET		1994 03 10.86979	09 12 09.74	+15 54 44.7	18	104
1994 ET		1994 03 10.87500	09 12 09.42	+15 54 44.5		104
1994 ET		1994 03 10.88021	09 12 09.22	+15 54 44.2		104
1994 ET		1994 03 10.88542	09 12 08.97	+15 54 44.0		104
1994 ET		1994 03 11.83102	09 11 33.39	+15 54 10.3		104
1994 ET		1994 03 11.83403	09 11 33.22	+15 54 10.0		104
1994 ET		1994 03 11.84132	09 11 32.89	+15 54 09.6		104
1994 ET		1994 03 11.84653	09 11 32.74	+15 54 09.3		104
1994 EM_7	*	1994 03 05.03379	09 15 32.21	+15 44 15.3	18	104
1994 EM_7		1994 03 05.04016	09 15 31.89	+15 44 17.1		104
1994 EM_7		1994 03 05.05383	09 15 31.28	+15 44 21.6		104
1994 EM_7		1994 03 05.85498	09 14 55.05	+15 48 06.1		104
1994 EM_7		1994 03 05.86101	09 14 54.73	+15 48 07.9		104
1994 EM_7		1994 03 05.86593	09 14 54.57	+15 48 10.7		104
1994 EM_7		1994 03 05.87086	09 14 54.20	+15 48 12.6		104
1994 EM_7		1994 03 06.86181	09 14 10.32	+15 52 41.5		104
1994 EM_7		1994 03 06.86875	09 14 09.99	+15 52 43.3		104
1994 EM_7		1994 03 06.88889	09 14 09.16	+15 52 48.9		104
1994 EM_7		1994 03 06.92036	09 14 07.87	+15 52 54.2		104
1994 FG	*	1994 03 17.77986	09 08 28.62	+17 40 34.1	17	104
1994 FG		1994 03 17.78472	09 08 28.49	+17 40 34.3		104
1994 FG		1994 03 17.78924	09 08 28.33	+17 40 34.8		104
1994 FG		1994 03 17.80347	09 08 27.98	+17 40 38.7		104
1994 FG		1994 03 17.80799	09 08 27.90	+17 40 38.9		104

1994 FG	1994 03 17.81250	09 08 27.81	+17 40 39.3	104
1994 FG	1994 03 17.82639	09 08 27.48	+17 40 40.0	104
1994 FG	1994 03 18.80973	09 08 05.89	+17 43 18.1	104
1994 FG	1994 03 18.81435	09 08 05.76	+17 43 18.6	104
1994 FG	1994 03 18.81868	09 08 05.62	+17 43 19.3	104
1994 FG	1994 03 18.82326	09 08 05.57	+17 43 20.2	104
1994 FG	1994 03 18.83321	09 08 05.36	+17 43 22.0	104
1994 FG	1994 03 20.79132	09 07 27.96	+17 48 04.4	104
1994 FG	1994 03 20.79618	09 07 27.80	+17 48 06.1	104
1994 FG	1994 03 20.80104	09 07 27.66	+17 48 06.9	104
1994 FG	1994 03 20.80551	09 07 27.55	+17 48 07.3	104

108 Montelupo
M. Tombelli, Via Bozzeto 26, I-50056 Montelupo (Fi), Italy
Observers M. Tombelli, A. Boattini, S. Bartolini
0.20-m $f/10$ reflector + CCD
GSC

1992 UT_4	1994 03 18.98883	12 54 00.44	+03 33 49.3	108
1992 UT_4	1994 03 18.99780	12 53 59.99	+03 33 53.8	108
1992 UT_4	1994 03 19.00347	12 53 59.62	+03 33 53.7	108
1994 EL_1	1994 03 19.01389	12 46 24.47	+03 57 06.3	108
1994 EL_1	1994 03 19.02146	12 46 24.03	+03 57 12.4	108
1994 EL_1	1994 03 19.02708	12 46 23.59	+03 57 13.1	108
1994 EY_1	1994 03 18.96308	13 25 12.14	+10 45 56.0	108
1994 EY_1	1994 03 18.97488	13 25 11.71	+10 45 59.6	108
1994 EY_1	1994 03 18.98119	13 25 11.52	+10 46 04.1	108
1994 EZ_1	1994 03 19.05694	13 31 52.74	+00 19 24.8	108
1994 EZ_1	1994 03 19.06313	13 31 52.54	+00 19 26.6	108
1994 EZ_1	1994 03 19.06979	13 31 51.99	+00 19 28.8	108
1994 EF_3	1994 03 19.07604	13 33 34.44	+00 18 16.4	108
1994 EF_3	1994 03 19.08912	13 33 33.82	+00 18 22.8	108
1994 EF_3	1994 03 19.09739	13 33 33.56	+00 18 27.2	108
1994 EL_3	1994 03 19.03311	12 55 03.32	+02 18 56.8	108
1994 EL_3	1994 03 19.04340	12 55 02.91	+02 19 00.3	108
1994 EL_3	1994 03 19.04924	12 55 02.70	+02 19 07.2	108

111 Piazzano Observatory, Florence
R. Bettarini, Via Piazzano 5, I-50053 Empoli, Florence, Italy
Observers R. Bettarini, A. Boattini, M. Tombelli
0.20-m $f/10$ Schmidt Cassegrain + CCD
GSC

1993 UC	1994 03 29.85922	08 56 26.34	+86 23 46.7	111
1993 UC	1994 03 29.86358	08 57 16.67	+86 23 40.9	111
1993 UC	1994 03 29.86631	08 57 48.90	+86 23 33.8	111
1993 UC	1994 03 29.86979	08 58 26.63	+86 23 31.6	111
1993 UC	1994 03 29.87184	08 58 51.59	+86 23 28.3	111
1994 EY_1	1994 03 29.88284	13 18 01.39	+11 52 57.4	111
1994 EY_1	1994 03 29.88825	13 18 01.20	+11 52 59.6	111
1994 EY_1	1994 03 29.89574	13 18 00.78	+11 53 02.1	111
1994 EY_1	1994 03 29.90313	13 18 00.52	+11 53 05.0	111
1994 EZ_1	1994 03 29.91827	13 23 28.08	+00 45 04.4	111
1994 EZ_1	1994 03 29.92498	13 23 27.71	+00 45 06.5	111
1994 EZ_1	1994 03 29.93366	13 23 27.25	+00 45 08.8	111
1994 EZ_1	1994 03 29.94200	13 23 26.97	+00 45 12.0	111

303 Mérida
O. A. Naranjo, Dept. de Física, Universidad de los Andes, Mérida 5101, Venezuela
Observer O. A. Naranjo
1.0-m Schmidt

1989 TU_5		1994 02 08.20833	08 52 28.11	+18 34 01.8	17	303
1989 TU_5		1994 02 09.19861	08 51 56.73	+18 36 16.9	17	303
1994 CJ_8	*	1994 02 08.19444	08 52 35.77	+18 19 13.4	16	303
1994 CJ_8		1994 02 08.20833	08 52 34.80	+18 19 17.1	16	303
1994 CJ_8		1994 02 08.22222	08 52 33.83	+18 19 20.5	16	303
1994 CJ_8		1994 02 09.19861	08 51 31.68	+18 23 50.7	16	303
1994 CK_8	*	1994 02 08.19444	08 53 36.61	+18 29 17.0	16	303
1994 CK_8		1994 02 08.20833	08 53 35.92	+18 29 25.3	16	303
1994 CK_8		1994 02 08.22222	08 53 35.18	+18 29 33.2	16	303
1994 CK_8		1994 02 09.19861	08 52 46.24	+18 39 45.1	16	303
1994 CL_8	*	1994 02 08.19444	08 53 58.30	+19 02 36.4	17	303
1994 CL_8		1994 02 08.20833	08 53 57.64	+19 02 41.6	17	303
1994 CL_8		1994 02 08.22222	08 53 56.78	+19 02 46.4	17	303
1994 CL_8		1994 02 09.19861	08 53 10.63	+19 08 26.7	17	303
1994 CM_8	*	1994 02 08.19444	08 54 48.27	+17 35 56.4	16	303
1994 CM_8		1994 02 08.20833	08 54 47.53	+17 35 56.5	16	303
1994 CM_8		1994 02 08.22222	08 54 46.78	+17 35 56.9	16	303
1994 CM_8		1994 02 09.19861	08 53 55.78	+17 37 06.2	16	303
1994 CN_8	*	1994 02 08.19444	08 57 04.37	+18 01 09.8	17	303
1994 CN_8		1994 02 08.20833	08 57 03.45	+18 01 14.0	17	303
1994 CN_8		1994 02 08.22222	08 57 02.62	+18 01 18.2	17	303
1994 CN_8		1994 02 09.19861	08 56 01.44	+18 06 39.3	17	303
1994 CN_8		1994 02 10.22327	08 54 57.50	+18 12 10.4	17	303
1994 CO_8	*	1994 02 08.19444	08 58 10.87	+16 50 52.9	16	303
1994 CO_8		1994 02 08.20833	08 58 09.99	+16 50 51.9	16	303
1994 CO_8		1994 02 08.22222	08 58 09.01	+16 50 51.6	16	303
1994 CO_8		1994 02 09.19861	08 57 07.19	+16 50 40.7	16	303
1994 CO_8		1994 02 10.22327	08 56 03.16	+16 50 21.9	16	303
1994 CP_8	*	1994 02 08.19444	08 58 18.62	+18 29 29.8	16	303
1994 CP_8		1994 02 08.20833	08 58 17.61	+18 29 30.5	16	303
1994 CP_8		1994 02 08.22222	08 58 16.59	+18 29 31.6	16	303
1994 CP_8		1994 02 09.19861	08 57 11.93	+18 30 56.6	16	303
1994 CP_8		1994 02 10.22327	08 56 04.72	+18 32 19.5	16	303
1994 CQ_8	*	1994 02 08.19444	08 58 40.04	+18 32 12.9	16	303
1994 CQ_8		1994 02 08.20833	08 58 39.24	+18 32 19.5	16	303
1994 CQ_8		1994 02 08.22222	08 58 38.51	+18 32 23.8	16	303
1994 CQ_8		1994 02 09.19861	08 57 48.05	+18 39 17.6	16	303
1994 CQ_8		1994 02 10.22327	08 56 54.88	+18 46 26.7	16	303
1994 CR_8	*	1994 02 08.19444	08 58 41.16	+16 02 42.6	16	303
1994 CR_8		1994 02 08.20833	08 58 40.22	+16 02 39.9	16	303
1994 CR_8		1994 02 08.22222	08 58 39.27	+16 02 37.6	16	303
1994 CR_8		1994 02 09.19861	08 57 35.04	+15 59 34.9	16	303
1994 CS_8	*	1994 02 08.19444	08 58 51.95	+19 08 12.1	16	303
1994 CS_8		1994 02 08.20833	08 58 51.46	+19 08 14.0	16	303
1994 CS_8		1994 02 08.22222	08 58 51.02	+19 08 16.3	16	303
1994 CS_8		1994 02 09.19861	08 58 20.24	+19 11 05.7	16	303

1994 CS_8		1994 02 10.22327	08 57 47.84	+19 14 02.3	16	303
1994 CT_8	*	1994 02 08.19444	08 59 28.95	+16 01 32.3	17	303
1994 CT_8		1994 02 08.20833	08 59 28.28	+16 01 36.9	17	303
1994 CT_8		1994 02 08.22222	08 59 27.53	+16 01 42.8	17	303
1994 CT_8		1994 02 09.19861	08 58 37.85	+16 08 18.1	17	303
1994 CT_8		1994 02 10.22327	08 57 46.23	+16 15 08.8	17	303
1994 CU_8	*	1994 02 08.19444	08 59 57.00	+19 29 11.2	17	303
1994 CU_8		1994 02 08.20833	08 59 56.38	+19 29 16.2	17	303
1994 CU_8		1994 02 08.22222	08 59 55.58	+19 29 21.5	17	303
1994 CU_8		1994 02 09.19861	08 59 09.76	+19 35 04.1	17	303
1994 CU_8		1994 02 10.22327	08 58 21.78	+19 40 58.5	17	303
1994 CV_8	*	1994 02 08.19444	09 00 05.02	+18 30 26.7	16	303
1994 CV_8		1994 02 08.20833	09 00 03.94	+18 30 26.8	16	303
1994 CV_8		1994 02 08.22222	09 00 02.90	+18 30 27.9	16	303
1994 CV_8		1994 02 09.19861	08 58 57.88	+18 31 37.1	16	303
1994 CV_8		1994 02 10.22327	08 57 50.01	+18 32 44.3	16	303
1994 CW_8	*	1994 02 08.19444	09 00 08.73	+18 24 24.4	17	303
1994 CW_8		1994 02 08.20833	09 00 07.79	+18 24 26.9	17	303
1994 CW_8		1994 02 08.22222	09 00 06.84	+18 24 30.1	17	303
1994 CW_8		1994 02 09.19861	08 59 06.09	+18 27 40.4	17	303
1994 CX_8	*	1994 02 08.19444	09 00 28.12	+19 52 59.5	16	303
1994 CX_8		1994 02 08.20833	09 00 27.19	+19 53 03.4	16	303
1994 CX_8		1994 02 08.22222	09 00 26.34	+19 53 06.9	16	303
1994 CX_8		1994 02 09.19861	08 59 28.05	+19 57 49.4	16	303
1994 CY_8	*	1994 02 08.19444	09 00 43.64	+16 39 32.4	16	303
1994 CY_8		1994 02 08.20833	09 00 42.81	+16 39 31.9	16	303
1994 CY_8		1994 02 08.22222	09 00 41.97	+16 39 30.6	16	303
1994 CY_8		1994 02 09.19861	08 59 44.23	+16 38 49.6	16	303
1994 CY_8		1994 02 10.22327	08 58 43.98	+16 38 03.5	16	303
1994 CZ_8	*	1994 02 08.19444	09 04 20.03	+18 22 31.8	16	303
1994 CZ_8		1994 02 08.20833	09 04 19.04	+18 22 29.3	16	303
1994 CZ_8		1994 02 08.22222	09 04 17.98	+18 22 28.4	16	303
1994 CZ_8		1994 02 09.19861	09 03 08.19	+18 20 41.7	16	303
1994 CZ_8		1994 02 10.22327	09 01 54.76	+18 18 44.1	16	303
1994 CA_9	*	1994 02 08.19444	09 04 50.95	+18 04 55.1	16	303
1994 CA_9		1994 02 08.20833	09 04 50.09	+18 04 58.1	16	303
1994 CA_9		1994 02 08.22222	09 04 49.12	+18 05 01.3	16	303
1994 CA_9		1994 02 09.19861	09 03 48.02	+18 08 59.9	16	303
1994 CA_9		1994 02 10.22327	09 02 43.69	+18 13 01.9	16	303
1994 CB_9	*	1994 02 08.19444	09 08 11.95	+17 56 30.2	16	303
1994 CB_9		1994 02 08.20833	09 08 11.11	+17 56 33.5	16	303
1994 CB_9		1994 02 08.22222	09 08 10.15	+17 56 37.5	16	303
1994 CB_9		1994 02 09.19861	09 07 11.20	+18 00 19.2	16	303
1994 CB_9		1994 02 10.22327	09 06 08.77	+18 04 08.7	16	303
1994 CC_9	*	1994 02 08.19444	09 09 15.29	+17 45 07.1	16	303
1994 CC_9		1994 02 08.20833	09 09 14.40	+17 45 09.8	16	303
1994 CC_9		1994 02 08.22222	09 09 13.56	+17 45 12.1	16	303
1994 CC_9		1994 02 09.19861	09 08 15.70	+17 48 00.1	16	303
9512 P-L		1994 02 08.19444	08 58 47.04	+17 30 21.1	16	303
9512 P-L		1994 02 08.20833	08 58 46.13	+17 30 25.6	16	303
9512 P-L		1994 02 08.22222	08 58 45.38	+17 30 28.5	16	303
9512 P-L		1994 02 09.19861	08 57 40.97	+17 36 10.8	16	303
9512 P-L		1994 02 10.22327	08 56 33.86	+17 42 02.3	16	303
(810)		1994 02 08.19444	08 57 45.77	+15 49 40.1	15	303
(810)		1994 02 08.20833	08 57 44.88	+15 49 45.0	15	303
(810)		1994 02 08.22222	08 57 43.95	+15 49 48.8	15	303
(810)		1994 02 09.19861	08 56 40.81	+15 55 22.1	15	303
(816)		1994 02 08.19444	09 04 22.42	+19 38 49.8	15	303
(816)		1994 02 08.20833	09 04 21.66	+19 38 57.2	15	303
(816)		1994 02 08.22222	09 04 20.98	+19 39 04.7	15	303
(816)		1994 02 09.19861	09 03 33.96	+19 47 42.3	15	303
(816)		1994 02 10.22327	09 02 44.69	+19 56 41.9	15	303
(2258)		1994 02 08.19444	08 52 03.56	+17 19 11.6	15	303
(2258)		1994 02 09.19861	08 51 08.04	+17 22 15.2	15	303
(4140)		1994 02 08.19444	08 53 44.73	+18 35 40.7	15	303
(4140)		1994 02 08.20833	08 53 44.03	+18 35 44.2	15	303
(4140)		1994 02 08.22222	08 53 43.34	+18 35 48.0	15	303
(4140)		1994 02 09.19861	08 52 56.48	+18 40 40.7	15	303
(4198)		1994 02 09.19861	09 08 59.71	+18 10 33.9	16	303

323 Perth
A. Verveer, Perth Observatory, Bickley, WA 6076, Australia
Observers G. Lowe, A. Verveer, T. Smith
0.3-m astrograph
PPM

1992 SY_{14}	1994 03 04.59653	11 28 45.77	−09 41 26.2	323
(265)	1993 07 16.79236	20 56 00.86	−50 15 00.5	323
(265)	1993 08 16.70000	20 02 28.95	−43 10 28.6	323
(265)	1993 08 19.65903	19 59 28.18	−42 16 09.1	323
(304)	1993 12 13.58889	00 19 00.19	−13 55 08.4	323
(328)	1993 09 10.56736	23 08 30.00	−08 43 00.5	323
(509)	1993 03 15.64375	08 47 37.22	−02 19 22.8	323
(547)	1993 02 17.56111	05 19 38.03	+01 36 11.7	323
(547)	1993 02 17.58542	05 19 39.09	+01 36 27.6	323
(605)	1993 08 19.54306	17 49 31.50	−44 58 59.1	323
(860)	1993 04 19.62222	13 52 45.10	−33 02 28.8	323
(860)	1993 04 23.56389	13 48 55.24	−32 49 36.0	323
(945)	1994 03 09.54688	09 54 34.72	−12 58 58.9	323
(945)	1994 03 11.55694	09 51 55.79	−13 07 21.6	323
(945)	1994 03 12.53852	09 50 40.63	−13 11 04.8	323
(952)	1993 08 18.71458	20 37 52.95	−33 57 40.4	323
(1036)	1993 03 21.77153	14 07 23.48	−19 38 55.7	323
(1036)	1993 08 13.51528	13 42 38.39	−05 25 45.6	323
(1252)	1993 12 20.71944	04 04 43.16	−24 31 17.9	323
(1584)	1993 03 15.53958	08 32 42.53	−04 55 05.0	323
(1866)	1993 06 22.90694	03 40 17.22	−45 26 27.3	323
(1951)	1993 01 17.59653	08 53 17.02	−00 05 46.8	323
(2141)	1993 08 13.65625	20 42 39.11	−11 10 51.5	323
(2141)	1993 08 18.63542	20 38 45.18	−11 19 47.2	323
(2141)	1993 08 20.61250	20 37 18.79	−11 23 26.4	323
(2150)	1993 12 14.59444	04 26 58.84	−19 29 19.3	323
(2168)	1993 08 13.58056	19 17 59.62	−23 53 40.9	323
(2168)	1993 08 16.65764	19 16 41.94	−23 45 11.7	323
(2235)	1993 02 18.57431	07 45 10.36	−06 34 17.6	323
(2263)	1993 08 18.75347	22 42 18.96	−27 31 32.0	323

(2302)	1993 08 18.58542	20 36 00.76	−15 51 42.5		323
(3259)	1993 04 19.65694	15 01 59.37	−25 48 40.1		323
(3259)	1993 04 23.70694	14 59 12.36	−25 20 04.3		323
(5858)	1994 03 17.68125	11 18 03.10	−04 30 56.7		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 EF_2	1994 03 30.54670	09 44 04.11	+00 40 32.3	18.4 V	360
1994 EF_2	1994 03 30.54931	09 44 04.15	+00 40 26.5		360

372 Geisei
T. Seki, Kamimachi 2-9-35, Kochi, Japan
0.60-m $f/3.5$ reflector
ACRS

1990 HK	1994 03 13.74549	13 23 56.68	−11 39 37.9	17	372
1990 HK	1994 03 13.75521	13 23 56.49	−11 39 33.7		372
1994 EF_2	1994 03 20.65104	09 41 53.90	+08 02 14.5	17.5	372
(3072)	1994 03 20.66424	12 52 07.69	+00 26 23.1	17	372
(3072)	1994 03 20.67604	12 52 06.69	+00 26 29.7		372
(3072)	1994 03 20.68785	12 52 06.22	+00 26 33.4		372

381 Kiso
I. Sato, National Astronomical Observatory, Mitaka, Tokyo 181, Japan
Observers I. Sato, N. Kashiwagawa, T. Yamada, K. Ota, A. Takarada
Measurer I. Sato
1.05-m $f/3.1$ Schmidt + CCD
GSC

(515)	1994 02 24.62308	11 48 45.47	+03 31 50.4	15.0 V	381
(515)	1994 02 24.63454	11 48 45.02	+03 31 53.8	15.0 V	381
(1620)	1994 02 24.59449	05 53 18.27	+36 27 09.7	16.6 V	381
(1620)	1994 02 24.60606	05 53 18.20	+36 26 54.3	16.6 V	381
(2411)	1994 02 24.62308	11 48 49.62	+03 01 56.0	15.4 V	381
(2411)	1994 02 24.63454	11 48 49.06	+03 02 00.1	15.5 V	381
(4867)	1994 02 24.66544	10 12 33.88	+13 46 03.7	16.5 V	381

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

(106)	1994 02 10.49043	06 25 59.02	+27 54 42.3	11.8 V	388
(106)	1994 02 19.46517	06 24 59.48	+27 50 44.4	12.0 V	388
(152)	1994 03 04.59182	10 19 04.94	+28 13 18.0	12.5 V	388
(708)	1994 02 10.62173	09 35 32.12	+17 46 30.9	14.9 V	388
(708)	1994 02 17.59797	09 28 49.10	+18 08 43.5	13.9 V	388
(708)	1994 02 19.59121	09 26 57.07	+18 14 20.3	13.9 V	388

391 Sendai Observatory, Ayashi Station
M. Koishikawa, 1-1, Sakuragaoka Koen, Aoba-Ku, 980 Japan
0.30-m $f/3.8$ reflector
GSC

1994 EL_2	1994 03 18.63993	11 58 16.18	+02 02 44.9	16.5	391
1994 EL_2	1994 03 18.65729	11 58 15.07	+02 02 40.9		391
1994 EL_2	1994 03 19.60660	11 57 10.43	+02 00 22.3		391
1994 EL_2	1994 03 19.62812	11 57 08.93	+02 00 19.5		391
1994 EL_2	1994 03 19.64479	11 57 07.72	+02 00 17.5		391
1994 EL_2	1994 03 19.66285	11 57 06.51	+02 00 14.2		391

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

1988 TN	1994 03 11.57095	12 25 09.62	−00 40 26.0	17.2	399
1988 TN	1994 03 11.58542	12 25 08.89	−00 40 22.6		399
1988 TN	1994 03 12.55625	12 24 17.03	−00 36 41.1	17	399
1988 TN	1994 03 12.57118	12 24 16.29	−00 36 39.2		399
1989 AN_1	1994 03 04.59028	11 33 10.55	+06 05 19.6	16.7	399
1989 AN_1	1994 03 04.60486	11 33 09.85	+06 05 25.0		399
1989 AN_1	1994 03 07.59514	11 30 39.65	+06 20 22.8	16.3	399
1989 AN_1	1994 03 07.60972	11 30 38.76	+06 20 26.5		399
1989 WO_7	1994 02 11.61032	11 47 17.20	+09 47 14.6	16.7	399
1989 WO_7	1994 02 11.63229	11 47 16.66	+09 47 20.4		399
1989 WO_7	1994 03 04.52222	11 32 45.72	+12 23 56.3	16.5	399
1989 WO_7	1994 03 04.53686	11 32 44.90	+12 24 01.3		399
1989 WO_7	1994 03 07.56181	11 29 56.98	+12 46 24.9	16	399
1989 WO_7	1994 03 07.57639	11 29 56.20	+12 46 31.6		399
1990 BE_2	1994 03 11.57095	12 28 18.99	−02 24 46.5	17.2	399
1990 BE_2	1994 03 11.58542	12 28 18.26	−02 24 44.1		399
1990 BE_2	1994 03 12.55625	12 27 24.10	−02 21 36.4	17	399
1990 BE_2	1994 03 12.57118	12 27 23.37	−02 21 34.2		399
1992 UL	1994 02 04.64167	10 19 27.27	+10 47 20.1	16.7	399
1992 UL	1994 02 04.65625	10 19 26.47	+10 47 23.3		399
1992 UL	1994 02 05.62014	10 18 31.05	+10 50 54.6	16.8	399
1992 UL	1994 02 05.63472	10 18 30.20	+10 50 58.9		399
1992 UL	1994 03 04.44931	09 49 35.98	+12 37 50.7	17	399
1992 UL	1994 03 04.46528	09 49 34.95	+12 37 52.7		399
1992 UL	1994 03 11.49931	09 43 00.00	+12 59 14.8	17	399
1992 UL	1994 03 11.51389	09 42 59.22	+12 59 18.0		399
1994 CS	1994 03 04.44931	09 57 58.33	+14 40 11.5	16.7	399
1994 CS	1994 03 04.46528	09 57 57.65	+14 40 18.6		399
1994 CS	1994 03 11.49931	09 53 35.69	+15 26 41.5	17	399
1994 CS	1994 03 11.51389	09 53 35.01	+15 26 45.6		399
1994 CP_1	1994 03 04.48958	11 15 39.54	+14 07 25.5	15.5	399
1994 CP_1	1994 03 04.50417	11 15 38.73	+14 07 31.3		399
1994 CP_1	1994 03 07.52917	11 12 47.90	+14 24 59.9	15.3	399
1994 CP_1	1994 03 07.54375	11 12 47.01	+14 25 04.0		399
1994 EC_1	* 1994 03 04.59028	11 33 38.84	+05 29 08.3	16.5	399
1994 EC_1	1994 03 04.60486	11 33 37.96	+05 29 14.7		399

1994 EC_1		1994 03 07.59514	11 31 02.54	+05 57 07.8	16	399
1994 EC_1		1994 03 07.60972	11 31 01.75	+05 57 15.1		399
1994 ED_1	*	1994 03 04.59028	11 35 06.27	+06 17 36.9	16.5	399
1994 ED_1		1994 03 04.60486	11 35 05.59	+06 17 39.2		399
1994 ED_1		1994 03 07.59514	11 32 53.70	+06 32 54.6	16.8	399
1994 ED_1		1994 03 07.60972	11 32 52.89	+06 32 57.9		399
1994 EN_1	*	1994 03 04.55556	10 49 56.76	−07 53 54.1	16.5	399
1994 EN_1		1994 03 04.57014	10 49 56.13	−07 53 52.8		399
1994 EN_1		1994 03 11.53611	10 43 44.30	−07 47 56.7	16.5	399
1994 EN_1		1994 03 11.55069	10 43 43.56	−07 47 55.1		399
1994 ER_1	*	1994 03 11.60347	12 13 02.82	−12 08 27.7	15.7	399
1994 ER_1		1994 03 11.61806	12 13 01.96	−12 08 25.5		399
1994 ER_1		1994 03 12.59028	12 12 12.59	−12 06 58.0	15.7	399
1994 ER_1		1994 03 12.60486	12 12 11.76	−12 06 56.8		399
1994 EJ_2	*	1994 03 11.57095	12 21 40.32	−02 24 04.5	16.8	399
1994 EJ_2		1994 03 11.58542	12 21 39.71	−02 24 02.0		399
1994 EJ_2		1994 03 12.55625	12 20 58.96	−02 19 37.5	16.5	399
1994 EJ_2		1994 03 12.57118	12 20 58.36	−02 19 32.4		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 $f/2.6$ Schmidt camera
GSC

1989 TO		1994 03 03.53750	10 42 07.31	+08 18 01.8	15.7	400
1989 TO		1994 03 03.55139	10 42 06.14	+08 17 56.9		400
1994 CY_1		1994 03 07.52708	09 35 57.29	+06 30 23.9	17	400
1994 CY_1		1994 03 07.54306	09 35 56.39	+06 30 23.6		400
1994 CY_1		1994 03 12.48819	09 31 56.57	+06 41 34.3	17	400
1994 CY_1		1994 03 12.50556	09 31 55.73	+06 41 35.7		400
1994 EJ_1		1994 03 04.63056	12 46 27.89	−03 36 14.4	16.8	400
1994 EJ_1		1994 03 04.64653	12 46 27.41	−03 36 02.9		400
1994 EO_1	*	1994 03 07.62708	12 09 38.49	+12 49 42.6	15.8	400
1994 EO_1		1994 03 07.64306	12 09 37.73	+12 49 45.0		400
1994 EO_1		1994 03 12.52569	12 04 32.48	+12 56 55.5	15.8	400
1994 EO_1		1994 03 12.54306	12 04 31.53	+12 56 55.1		400
1994 EO_1		1994 03 18.56597	11 57 54.06	+13 00 20.0	15.8	400
1994 EP_1	*	1994 03 07.62708	12 13 35.00	+11 18 56.0	16.5	400
1994 EP_1		1994 03 07.64306	12 13 34.29	+11 18 59.0		400
1994 EP_1		1994 03 12.52569	12 09 04.75	+12 00 10.9	16.5	400
1994 EP_1		1994 03 12.54306	12 09 03.59	+12 00 18.9		400
1994 EC_2	*	1994 03 12.56736	12 40 52.56	+06 01 31.9	17	400
1994 EC_2		1994 03 12.58472	12 40 51.41	+06 01 28.8		400
1994 EC_2		1994 03 14.54444	12 38 18.70	+06 00 37.1	16.5	400
1994 EC_2		1994 03 14.56042	12 38 17.64	+06 00 34.9		400
1994 EC_2		1994 03 18.64306	12 32 50.97	+05 58 03.3	17	400
1994 EC_2		1994 03 18.65833	12 32 49.58	+05 57 58.8		400
1994 ED_2	*	1994 03 12.60278	12 26 24.05	−08 48 54.4	16.5	400
1994 ED_2		1994 03 12.64306	12 26 21.97	−08 48 51.9		400
1994 ED_2		1994 03 14.61389	12 24 43.54	−08 48 56.7	16.5	400
1994 ED_2		1994 03 14.62986	12 24 42.83	−08 48 55.3		400
1994 ED_2		1994 03 18.58021	12 21 15.69	−08 47 21.7	16.5	400
1994 ED_2		1994 03 18.59201	12 21 15.17	−08 47 21.1		400
1994 EG_2	*	1994 03 07.62708	12 21 47.85	+11 59 22.4	16.5	400
1994 EG_2		1994 03 07.64306	12 21 47.21	+11 59 28.1		400
1994 EG_2		1994 03 12.52569	12 18 52.26	+12 47 39.7	16.5	400
1994 EG_2		1994 03 12.54306	12 18 51.58	+12 47 47.6		400
1994 EM_3	*	1994 03 12.56736	12 39 37.67	+06 34 45.2	17	400
1994 EM_3		1994 03 12.58472	12 39 36.54	+06 34 56.3		400
1994 EM_3		1994 03 18.64306	12 34 04.09	+07 21 54.5	16.8	400
1994 EM_3		1994 03 18.65833	12 34 03.49	+07 22 00.4		400
1994 EN_3	*	1994 03 14.54444	12 32 51.62	+06 52 06.4	16.5	400
1994 EN_3		1994 03 14.56042	12 32 50.94	+06 52 14.6		400
1994 EN_3		1994 03 18.64306	12 30 04.77	+07 22 06.4	16.5	400
1994 EN_3		1994 03 18.65833	12 30 04.29	+07 22 12.0		400
1994 EO_3	*	1994 03 14.57917	13 01 03.04	+01 21 49.4	16.5	400
1994 EO_3		1994 03 14.59653	13 01 02.14	+01 21 54.7		400
1994 EO_3		1994 03 18.60833	12 57 53.68	+01 49 51.1	16.5	400
1994 EO_3		1994 03 18.62431	12 57 52.94	+01 49 55.2		400
1994 EP_3	*	1994 03 14.57917	13 09 02.68	−00 32 23.0	16.5	400
1994 EP_3		1994 03 14.59653	13 09 01.71	−00 32 24.8		400
1994 EP_3		1994 03 18.60833	13 05 20.72	−00 35 00.5	16.3	400
1994 EP_3		1994 03 18.62431	13 05 19.88	−00 35 00.0		400
1994 EQ_3	*	1994 03 14.57917	13 11 46.45	+00 41 24.2	16.5	400
1994 EQ_3		1994 03 14.59653	13 11 45.88	+00 41 28.8		400
1994 EQ_3		1994 03 18.60833	13 10 03.00	+00 59 59.8	16.3	400
1994 EQ_3		1994 03 18.62431	13 10 02.59	+01 00 04.3		400
1994 EQ_3		1994 03 31.50833	13 03 20.08	+02 00 29.6	16.0	400
1994 EQ_3		1994 03 31.52222	13 03 19.74	+02 00 33.7		400
1994 ER_3	*	1994 03 14.57917	13 12 14.62	+02 45 08.2	16.5	400
1994 ER_3		1994 03 14.59653	13 12 14.12	+02 45 16.0		400
1994 ER_3		1994 03 18.60833	13 09 46.30	+03 22 49.8	16.5	400
1994 ER_3		1994 03 18.62431	13 09 45.53	+03 22 58.1		400
1994 ER_3		1994 03 31.50833	13 00 10.10	+05 18 03.1	16.0	400
1994 ER_3		1994 03 31.52222	13 00 09.49	+05 18 07.8		400
1994 FF		1994 03 14.57917	13 12 52.41	+02 43 30.3	16.5	400
1994 FF		1994 03 14.59653	13 12 51.93	+02 43 33.5		400
1994 FF	*	1994 03 18.60833	13 10 35.87	+03 19 11.5	16.5	400
1994 FF		1994 03 18.62431	13 10 35.41	+03 19 16.6		400
1994 FF		1994 03 31.50833	13 01 01.09	+05 12 49.1	15.8	400
1994 FF		1994 03 31.52222	13 01 00.41	+05 12 55.3		400

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

1994 EJ_1	*	1994 03 06.65486	12 45 27.00	−03 12 25.9	16.8	408
1994 EJ_1		1994 03 06.66736	12 45 26.52	−03 12 18.2		408
1994 EJ_1		1994 03 14.58333	12 40 47.82	−01 33 49.3	17	408
1994 EJ_1		1994 03 14.59583	12 40 47.36	−01 33 38.2		408
1994 EK_7		1994 03 12.72986	12 51 18.54	−05 09 16.1	16.5	408

1994 EK_7		1994 03 12.74965	12 51 18.14	−05 08 37.2		408
1994 EK_7	*	1994 03 14.75417	12 50 39.92	−04 09 41.2	16.8	408
1994 EK_7		1994 03 14.76042	12 50 39.87	−04 09 28.4		408
1994 EK_7		1994 03 14.77292	12 50 39.43	−04 09 06.8		408
1994 EL_7		1994 03 12.72986	12 59 04.88	−03 21 43.0	16.5	408
1994 EL_7		1994 03 12.74965	12 59 04.09	−03 21 40.8		408
1994 EL_7	*	1994 03 14.75417	12 57 41.93	−03 16 22.8	16.5	408
1994 EL_7		1994 03 14.76042	12 57 41.62	−03 16 21.2		408
1994 EL_7		1994 03 14.77292	12 57 41.18	−03 16 20.1		408

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

1991 GY_4		1994 03 02.65331	09 41 38.19	+17 37 50.2		411
1991 GY_4		1994 03 02.65584	09 41 38.05	+17 37 52.8		411
1991 GY_4		1994 03 02.66109	09 41 37.95	+17 37 53.4		411
1991 GY_4		1994 03 04.50932	09 39 56.99	+17 44 56.0		411
1991 GY_4		1994 03 04.51604	09 39 56.71	+17 44 57.3		411
1991 GY_4		1994 03 04.51927	09 39 56.36	+17 44 59.0		411
1994 CL		1994 03 04.55277	10 15 03.25	+18 07 45.2		411
1994 CL		1994 03 04.55601	10 15 03.08	+18 07 45.0		411
1994 CL		1994 03 04.56302	10 15 02.60	+18 07 45.7		411
1994 CM		1994 03 04.55951	10 16 51.78	+22 56 33.8		411
1994 CM		1994 03 04.56651	10 16 51.44	+22 56 35.1		411
1994 CM		1994 03 04.56975	10 16 51.23	+22 56 34.1		411
1994 CH_1		1994 03 04.57319	10 48 25.30	+14 05 33.3		411
1994 CH_1		1994 03 04.57573	10 48 25.14	+14 05 34.1		411
1994 CH_1		1994 03 04.58149	10 48 24.81	+14 05 36.9		411
1994 CH_1		1994 03 06.56080	10 46 36.82	+14 19 23.6		411
1994 CH_1		1994 03 06.56406	10 46 36.65	+14 19 25.0		411
1994 CH_1		1994 03 06.56731	10 46 36.46	+14 19 26.5		411
1994 CC_2		1994 03 02.72440	10 50 19.45	+11 04 02.2		411
1994 CC_2		1994 03 02.72986	10 50 19.15	+11 04 07.6		411
1994 CC_2		1994 03 02.73240	10 50 19.07	+11 04 12.8		411
1994 CC_2		1994 03 10.55597	10 45 50.11	+13 49 53.9		411
1994 CC_2		1994 03 10.56292	10 45 49.89	+13 50 02.6		411
1994 CC_2		1994 03 10.56617	10 45 49.76	+13 50 06.6		411
1994 CD_2		1994 03 02.71107	10 42 23.92	+08 18 04.1		411
1994 CD_2		1994 03 02.71360	10 42 23.75	+08 18 04.7		411
1994 CD_2		1994 03 02.71899	10 42 23.48	+08 18 07.7		411
1994 CE_2		1994 03 02.70056	10 40 47.63	+09 14 54.6		411
1994 CE_2		1994 03 02.70589	10 40 47.39	+09 14 55.9		411
1994 CE_2		1994 03 02.70843	10 40 47.21	+09 14 56.7		411
1994 CF_2		1994 03 02.71630	10 44 11.06	+10 16 05.2		411
1994 CF_2		1994 03 02.72168	10 44 10.65	+10 16 06.6		411
1994 CF_2		1994 03 02.72714	10 44 10.46	+10 16 07.5		411
1994 CF_2		1994 03 10.54925	10 38 23.40	+10 54 43.6		411
1994 CF_2		1994 03 10.55249	10 38 23.20	+10 54 44.5		411
1994 CF_2		1994 03 10.55946	10 38 22.94	+10 54 46.4		411
1994 CG_2		1994 03 04.58500	11 24 17.77	+10 21 20.0		411
1994 CG_2		1994 03 04.58823	11 24 17.52	+10 21 20.2		411
1994 CG_2		1994 03 04.59557	11 24 17.05	+10 21 20.7		411
1994 CG_2		1994 03 15.54280	11 12 32.00	+10 31 27.1		411
1994 CG_2		1994 03 15.55277	11 12 31.37	+10 31 26.7		411
1994 CJ_2		1994 03 02.67392	09 44 54.59	+18 05 05.8		411
1994 CJ_2		1994 03 02.68161	09 44 54.24	+18 05 07.2		411
1994 CJ_2		1994 03 02.68686	09 44 53.92	+18 05 10.6		411
1994 CK_2		1994 03 04.48290	09 45 29.23	+17 24 54.4		411
1994 CK_2		1994 03 04.48614	09 45 29.04	+17 24 54.0		411
1994 CK_2		1994 03 04.49281	09 45 28.71	+17 24 55.6		411
1994 CK_2		1994 03 06.53983	09 44 06.91	+17 30 27.6		411
1994 CK_2		1994 03 06.54308	09 44 06.83	+17 30 27.1		411
1994 CK_2		1994 03 06.54991	09 44 06.52	+17 30 30.1		411
1994 CP_2		1994 03 04.52260	09 43 32.82	+17 24 50.0		411
1994 CP_2		1994 03 04.52583	09 43 32.69	+17 24 50.8		411
1994 CP_2		1994 03 04.53240	09 43 32.36	+17 24 50.3		411
1994 CP_2		1994 03 06.52349	09 42 00.85	+17 26 17.6		411
1994 CP_2		1994 03 06.53328	09 42 00.39	+17 26 17.9		411
1994 CP_2		1994 03 06.53653	09 42 00.23	+17 26 18.5		411
1994 CS_2		1994 03 04.59189	11 45 11.02	+17 06 36.3		411
1994 CS_2		1994 03 04.59923	11 45 10.57	+17 06 40.4		411
1994 CS_2		1994 03 04.60247	11 45 10.43	+17 06 42.6		411
1994 CS_2		1994 03 06.59873	11 43 39.38	+17 29 40.5		411
1994 CS_2		1994 03 06.60634	11 43 38.99	+17 29 45.6		411
1994 CS_2		1994 03 06.61379	11 43 38.65	+17 29 50.3		411
1994 CS_2		1994 03 15.54615	11 36 33.61	+19 04 18.7		411
1994 CS_2		1994 03 15.55612	11 36 33.07	+19 04 24.7		411
1994 CS_2		1994 03 15.55936	11 36 32.95	+19 04 27.2		411
1994 DC		1994 03 04.60627	11 41 29.19	+03 39 30.2		411
1994 DC		1994 03 04.60951	11 41 28.99	+03 39 30.1		411
1994 DC		1994 03 04.61638	11 41 28.53	+03 39 29.5		411
1994 DC		1994 03 06.57142	11 39 26.87	+03 41 12.2		411
1994 DC		1994 03 06.57467	11 39 26.66	+03 41 13.5		411
1994 DC		1994 03 06.58155	11 39 26.20	+03 41 13.0		411
1994 DC		1994 03 15.56285	11 29 33.51	+03 49 45.9		411
1994 DC		1994 03 15.56539	11 29 33.34	+03 49 45.3		411
1994 DC		1994 03 15.57140	11 29 32.94	+03 49 45.9		411
1994 ED		1994 03 10.57025	11 36 59.48	+04 26 47.1		411
1994 ED		1994 03 10.57350	11 36 59.37	+04 26 49.2		411
1994 ED		1994 03 10.57998	11 36 59.11	+04 26 50.9		411
1994 ED		1994 03 15.56840	11 32 50.62	+04 55 22.1		411
1994 ED		1994 03 15.57440	11 32 50.32	+04 55 25.5		411
1994 ED		1994 03 15.57764	11 32 50.16	+04 55 25.5		411
1994 EP		1994 03 10.60371	12 26 16.54	+06 03 02.6		411
1994 EP		1994 03 10.60696	12 26 16.41	+06 03 03.4		411
1994 EP		1994 03 10.61372	12 26 16.07	+06 03 05.6		411
1994 EQ		1994 03 10.61034	12 26 58.58	+07 09 18.4		411
1994 EQ		1994 03 10.61710	12 26 58.17	+07 09 20.4		411
1994 EQ		1994 03 10.62035	12 26 58.00	+07 09 20.6		411
1994 ER		1994 03 10.63030	12 27 51.37	+08 06 45.5		411
1994 ER		1994 03 10.63709	12 27 50.98	+08 06 48.4		411
1994 ER		1994 03 10.64034	12 27 50.83	+08 06 50.4		411
1994 EE_1	*	1994 03 04.64056	12 29 52.95	+03 58 31.6	17.5	411

1994 EE_1		1994 03 04.65432	12 29 52.23	+03 58 37.6		411
1994 EE_1		1994 03 06.64187	12 28 16.89	+04 10 26.6		411
1994 EE_1		1994 03 06.64512	12 28 16.81	+04 10 27.9		411
1994 EE_1		1994 03 10.58402	12 24 55.39	+04 34 24.4		411
1994 EE_1		1994 03 10.58726	12 24 55.29	+04 34 26.5		411
1994 EE_1		1994 03 10.59381	12 24 54.85	+04 34 28.1		411
1994 EE_1		1994 03 15.58166	12 20 20.28	+05 05 16.0		411
1994 EE_1		1994 03 15.58490	12 20 20.10	+05 05 16.9		411
1994 EE_1		1994 03 15.59144	12 20 19.72	+05 05 20.8		411
1994 EF_1	*	1994 03 04.67704	12 32 39.87	+06 14 07.6	17	411
1994 EF_1		1994 03 04.69083	12 32 39.20	+06 14 12.4		411
1994 EF_1		1994 03 06.68152	12 31 00.46	+06 26 30.7		411
1994 EF_1		1994 03 06.68822	12 31 00.09	+06 26 33.1		411
1994 EH_1	*	1994 03 06.64187	12 28 58.28	+04 21 57.4	17.5	411
1994 EH_1		1994 03 06.64512	12 28 58.17	+04 21 57.4		411
1994 EH_1		1994 03 06.65183	12 28 57.71	+04 21 57.7		411
1994 EH_1		1994 03 10.59054	12 25 35.73	+04 33 14.4		411
1994 EH_1		1994 03 10.59709	12 25 35.43	+04 33 16.0		411
1994 EH_1		1994 03 10.60034	12 25 35.22	+04 33 16.7		411
1994 EH_1		1994 03 15.58817	12 21 02.15	+04 47 41.7		411
1994 EH_1		1994 03 15.59471	12 21 01.74	+04 47 43.3		411
1994 EH_1		1994 03 15.59795	12 21 01.54	+04 47 42.4		411
1994 EK_1	*	1994 03 06.74885	12 52 38.51	+00 13 30.8	17	411
1994 EK_1		1994 03 06.76255	12 52 37.85	+00 13 32.0		411
1994 EK_1		1994 03 10.64565	12 49 43.77	+00 21 38.1		411
1994 EK_1		1994 03 10.64892	12 49 43.63	+00 21 38.7		411
1994 EK_1		1994 03 10.65580	12 49 43.24	+00 21 39.6		411
1994 EK_1		1994 03 15.62630	12 45 27.89	+00 33 23.2		411
1994 EK_1		1994 03 15.63319	12 45 27.52	+00 33 24.8		411
1994 EK_1		1994 03 15.64005	12 45 27.16	+00 33 25.6		411
1994 EL_1	*	1994 03 06.78522	12 56 32.62	+02 23 46.8	17	411
1994 EL_1		1994 03 06.79895	12 56 31.93	+02 23 51.0		411
1994 EL_1		1994 03 10.65236	12 53 40.71	+02 52 42.6		411
1994 EL_1		1994 03 10.65925	12 53 40.36	+02 52 45.5		411
1994 EL_1		1994 03 10.66251	12 53 40.22	+02 52 46.8		411
1994 EQ_1	*	1994 03 10.67198	12 44 41.03	−03 46 07.5	16.5	411
1994 EQ_1		1994 03 10.68568	12 44 40.39	−03 46 02.8		411
1994 EQ_1		1994 03 15.60125	12 40 52.77	−03 09 02.7		411
1994 EQ_1		1994 03 15.60378	12 40 52.62	−03 09 00.8		411
1994 EQ_1		1994 03 15.60983	12 40 52.33	−03 08 58.2		411
1994 EH_2	*	1994 03 10.65236	12 52 52.56	+03 00 49.0	17.5	411
1994 EH_2		1994 03 10.65925	12 52 52.24	+03 00 51.8		411
1994 EH_2		1994 03 10.66251	12 52 52.04	+03 00 53.1		411
1994 EH_2		1994 03 15.61961	12 49 03.48	+03 35 48.4		411
1994 EH_2		1994 03 15.62285	12 49 03.31	+03 35 50.3		411
1994 EH_2		1994 03 15.62975	12 49 02.98	+03 35 53.1		411
1994 ES_3	*	1994 03 15.73281	13 06 18.82	+03 10 32.8	16.5	411
1994 ES_3		1994 03 15.74661	13 06 18.35	+03 10 42.5		411
1994 ES_3		1994 03 20.75045	13 03 27.58	+04 07 38.4		411
1994 ES_3		1994 03 20.75646	13 03 27.41	+04 07 41.9		411
1994 ES_3		1994 03 20.75900	13 03 27.25	+04 07 44.3		411
1994 GE	*	1994 04 03.62230	13 59 53.22	−02 23 28.0	17.5	411
1994 GE		1994 04 03.63601	13 59 52.54	−02 23 25.2		411
1994 GE		1994 04 05.65554	13 58 07.83	−02 16 37.2		411
1994 GE		1994 04 05.66527	13 58 07.30	−02 16 35.4		411
1994 GE		1994 04 05.69406	13 58 05.72	−02 16 29.8		411
1994 GF	*	1994 04 03.64285	14 01 30.40	−05 00 49.2	17	411
1994 GF		1994 04 03.65655	14 01 29.72	−05 00 45.6		411
1994 GF		1994 04 05.63975	13 59 50.67	−04 49 32.6		411
1994 GF		1994 04 05.67002	13 59 49.05	−04 49 21.1		411
1994 GF		1994 04 05.67976	13 59 48.52	−04 49 18.4		411

413 Siding Spring

R. H. McNaught, Siding Spring Observatory, Coonabarabran, N.S.W. 2357, Australia

Observers D. J. Asher, C. P. Cass, G. J. Garradd, M. Hartley, R. H. McNaught, K. S. Russell, D. I. Steel

Measurers R. H. McNaught, G. J. Garradd, D. J. Asher

1.0-m reflector + CCD, U.K. Schmidt, Uppsala Southern Schmidt

1989 NK_1	1994 03 18.46425	07 27 40.95	+24 45 00.5		413
1989 NK_1	1994 03 18.46625	07 27 41.04	+24 45 00.6		413
1989 NK_1	1994 03 18.47122	07 27 41.23	+24 45 00.6		413
1989 TO	1994 03 18.57564	10 21 24.08	+06 36 51.1		413
1989 TO	1994 03 18.57737	10 21 23.96	+06 36 50.5		413
1989 TO	1994 03 18.57911	10 21 23.84	+06 36 49.8		413
1989 TO	1994 03 19.47475	10 20 24.01	+06 30 51.6		413
1989 TO	1994 03 19.47830	10 20 23.76	+06 30 50.2		413
1989 TO	1994 03 22.55594	10 17 11.09	+06 10 22.3		413
1989 TO	1994 03 22.55902	10 17 10.90	+06 10 20.9		413
1989 UA_3	1994 03 22.54259	10 01 49.72	+10 02 30.4		413
1989 UA_3	1994 03 22.54805	10 01 49.52	+10 02 31.8		413
1990 KC_1	1994 03 20.74830	15 08 41.31	+05 09 04.7		413
1990 KC_1	1994 03 20.75719	15 08 41.24	+05 09 08.6		413
1990 WK	1994 03 20.69023	13 41 33.72	+01 56 03.8		413
1990 WK	1994 03 20.69244	13 41 33.64	+01 56 04.2		413
1991 FA	1994 03 20.69674	14 08 28.28	−16 32 20.8		413
1991 FA	1994 03 20.70265	14 08 27.94	−16 32 19.6		413
1991 FA	1994 03 22.76147	14 06 19.38	−16 25 27.2		413
1991 FA	1994 03 22.76674	14 06 19.02	−16 25 26.1		413
1991 NR_2	1994 03 19.49685	09 20 11.07	−01 36 20.5		413
1991 NR_2	1994 03 19.50426	09 20 10.78	−01 36 18.8		413
1991 QF	1994 03 20.68389	13 31 29.81	+02 50 22.6		413
1991 QF	1994 03 20.68711	13 31 29.65	+02 50 23.3		413
1991 QF	1994 03 22.68674	13 29 51.68	+02 57 14.3		413
1991 QF	1994 03 22.69119	13 29 51.46	+02 57 15.1		413
1991 QF	1994 03 22.69707	13 29 51.19	+02 57 16.4		413
1991 SV	1994 03 20.73761	13 01 06.48	+08 15 38.0		413
1991 SV	1994 03 20.73968	13 01 06.37	+08 15 38.6		413
1992 CC_1	1994 03 18.68663	13 39 16.24	−49 29 04.6		413
1992 CC_1	1994 03 18.69195	13 39 15.49	−49 29 12.2		413
1992 CC_1	1994 03 20.70756	13 34 26.62	−50 18 33.4		413
1992 CC_1	1994 03 20.70998	13 34 26.24	−50 18 36.8		413
1992 VM	1994 03 20.65887	13 18 41.76	+02 56 27.8		413
1992 VM	1994 03 20.66311	13 18 41.60	+02 56 29.8		413
1992 VM	1994 03 22.67739	13 17 11.99	+03 10 15.8		413

1992 VM	1994 03 22.68246	13 17 11.66	+03 10 17.9			413	1994 CA_1	1994 03 19.46754	08 41 08.97	+13 13 10.8				413
1993 HA_2	1994 03 18.71559	14 56 31.84	−20 42 44.5			413	1994 CA_1	1994 03 19.50940	08 41 08.55	+13 13 19.2				413
1993 HA_2	1994 03 18.72126	14 56 31.84	−20 42 45.2			413	1994 CN_2	1994 03 20.46504	09 43 01.60	+15 54 30.0				413
1993 HA_2	1994 03 18.72720	14 56 31.74	−20 42 45.5			413	1994 CN_2	1994 03 20.46901	09 43 01.37	+15 54 31.1				413
1993 HA_2	1994 03 18.76452	14 56 31.48	−20 42 46.1			413	1994 CN_2	1994 03 20.47363	09 43 01.12	+15 54 31.9				413
1993 HA_2	1994 03 18.76993	14 56 31.43	−20 42 45.8			413	1994 EJ	1994 03 23.67271	12 29 11.30	+00 03 52.9				413
1993 HA_2	1994 03 18.77572	14 56 31.42	−20 42 45.7			413	1994 EJ	1994 03 23.67603	12 29 11.15	+00 03 52.7				413
1993 HA_2	1994 03 20.74415	14 56 16.47	−20 43 13.0			413	1994 EJ	1994 03 23.68010	12 29 10.95	+00 03 52.3				413
1993 OZ_2	1994 03 20.39895	03 35 45.81	+06 43 52.5			413	1994 EK	1994 03 23.57610	10 35 15.48	+02 23 42.7				413
1993 OZ_2	1994 03 20.40199	03 35 46.13	+06 43 55.2			413	1994 EK	1994 03 23.58588	10 35 15.12	+02 23 43.1				413
1993 OZ_2	1994 03 20.40493	03 35 46.45	+06 43 57.3			413	1994 EU	1994 03 20.62741	12 04 07.28	−18 22 47.5				413
1993 OZ_2	1994 03 22.39528	03 39 40.52	+07 12 35.7			413	1994 EU	1994 03 20.62996	12 04 07.25	−18 22 59.5				413
1993 OZ_2	1994 03 22.39906	03 39 40.88	+07 12 39.8			413	1994 EU	1994 03 20.63300	12 04 07.07	−18 23 12.6				413
1993 TA	1994 03 18.43356	04 38 54.58	−01 14 17.4			413	1994 EU	1994 03 22.62268	12 04 18.32	−20 40 47.2				413
1993 TA	1994 03 18.43543	04 38 54.84	−01 14 15.1			413	1994 EU	1994 03 22.62623	12 04 18.18	−20 40 59.0				413
1993 VA	1994 03 22.79636	17 30 10.83	−07 49 08.8			413	1994 EU	1994 03 22.62992	12 04 18.04	−20 41 13.0				413
1993 VA	1994 03 22.79902	17 30 10.91	−07 49 07.4			413	1994 EF_2	1994 03 17.59950	09 42 19.40	+11 00 23.2	16	V	F	413
1993 VB	1994 03 18.70664	14 25 31.54	−00 26 00.2			413	1994 EF_2	1994 03 17.60969	09 42 19.08	+10 59 48.2			V	413
1993 VB	1994 03 18.71026	14 25 31.05	−00 25 56.6			413	1994 EF_2	1994 03 18.62425	09 42 06.49	+09 58 09.7				413
1993 VB	1994 03 20.72641	14 21 40.05	+00 08 14.2			413	1994 EF_2	1994 03 18.62588	09 42 06.46	+09 58 03.9				413
1993 VB	1994 03 20.72907	14 21 39.72	+00 08 16.9			413	1994 EF_2	1994 03 18.63503	09 42 06.34	+09 57 30.9				413
1993 VM_1	1994 03 18.44309	05 31 55.38	+01 59 35.4			413	1994 EF_2	1994 03 18.63688	09 42 06.28	+09 57 24.4				413
1993 VM_1	1994 03 18.44489	05 31 55.66	+01 59 37.8			413	1994 EF_2	1994 03 19.45648	09 42 00.58	+09 09 33.6				413
1993 VT_2	1994 03 20.39038	03 17 39.02	+12 45 17.7			413	1994 EF_2	1994 03 19.45913	09 42 00.54	+09 09 24.8				413
1993 VT_2	1994 03 20.39309	03 17 39.39	+12 45 20.8			413	1994 EF_2	1994 03 22.49569	09 41 55.82	+06 25 52.0				413
1993 VT_2	1994 03 20.39579	03 17 39.74	+12 45 23.2			413	1994 EF_2	1994 03 22.49959	09 41 55.81	+06 25 40.2				413
1993 VB_5	1994 03 22.41599	03 50 31.10	+01 25 16.8			413	1994 EF_2	1994 03 22.70141	09 41 55.56	+06 15 30.0				413
1993 VB_5	1994 03 22.41950	03 50 31.58	+01 25 19.8			413	1994 EF_2	1994 03 22.70377	09 41 55.59	+06 15 22.3				413
1993 VB_5	1994 03 22.42917	03 50 32.85	+01 25 29.4			413	1994 EF_2	1994 04 01.51522	09 45 01.00	−00 27 30.5				413
1993 VC_5	1994 03 19.44835	04 34 25.22	+03 30 21.6			413	1994 EF_2	1994 04 01.51766	09 45 01.07	−00 27 35.3				413
1993 VC_5	1994 03 19.45187	04 34 25.78	+03 30 25.3			413	1994 EF_2	1994 04 04.64481	09 46 48.56	−02 05 49.0				413
1993 VU_7	1988 12 30.44932	04 04 42.09	−06 35 26.2	17.5	V	413	1994 EF_2	1994 04 04.64739	09 46 48.66	−02 05 54.0				413
1993 VU_7	1988 12 30.49793	04 04 41.07	−06 34 46.0			413	1994 ET_3	1994 03 19.58762	12 49 10.44	+12 45 08.5	17	V		413
1993 VU_7	1994 03 19.41391	03 15 51.08	+02 06 07.1			413	1994 ET_3	1994 03 19.62928	12 49 08.27	+12 46 00.6				413
1993 VU_7	1994 03 19.41696	03 15 51.49	+02 06 09.9			413	1994 ET_3	1994 03 20.61373	12 48 16.96	+13 06 22.4				413
1993 VV_7	1994 03 19.43457	04 49 02.94	+16 51 30.6			413	1994 ET_3	1994 03 20.61681	12 48 16.79	+13 06 26.2				413
1993 VV_7	1994 03 19.43762	04 49 03.21	+16 51 33.3			413	1994 FA	1994 03 18.60248	11 59 41.76	−11 21 07.3				413
1994 AW_1	1994 03 18.47741	06 20 50.16	−19 43 44.1			413	1994 FA	1994 03 18.60415	11 59 41.55	−11 21 35.0				413
1994 AW_1	1994 03 18.48711	06 20 50.81	−19 43 46.3			413	1994 FA	1994 03 18.60777	11 59 41.25	−11 22 31.7				413
1994 AW_1	1994 03 18.49406	06 20 51.35	−19 43 48.4			413	1994 FA	1994 03 18.60926	11 59 41.06	−11 22 54.3				413
1994 AW_1	1994 03 22.47697	06 26 04.07	−19 58 24.7			413	1994 FA	1994 03 18.61090	11 59 40.89	−11 23 18.4				413
1994 AW_1	1994 03 22.48034	06 26 04.33	−19 58 25.3			413	1994 FA	1994 03 20.64481	11 58 33.32	−19 03 37.9				413
1994 AH_2	1994 03 19.42037	03 54 01.32	+13 18 39.0			413	1994 FC	1994 03 11.59284	12 42 07.54	+07 59 11.6				413
1994 AH_2	1994 03 19.42337	03 54 01.64	+13 18 41.8			413	1994 FC	1994 03 11.63797	12 42 04.93	+07 59 21.0				413
1994 AH_2	1994 03 22.40244	03 59 54.15	+14 07 33.4			413	1994 FC	* 1994 03 19.58762	12 33 51.95	+08 21 57.1	18	V	F	413
1994 CB	1994 03 20.45010	06 31 02.20	−31 03 23.5			413	1994 FC	1994 03 19.62928	12 33 49.09	+08 22 02.8			F	413
1994 CB	1994 03 20.45281	06 31 02.02	−31 03 27.4			413	1994 FD	1994 03 11.59284	12 46 50.04	+09 03 16.5			F	413
1994 CB	1994 03 20.45588	06 31 01.76	−31 03 30.6			413	1994 FD	1994 03 11.63797	12 46 46.21	+09 03 04.0			V	413
1994 CB	1994 03 20.45932	06 31 01.59	−31 03 35.4			413	1994 FD	* 1994 03 19.58762	12 34 11.02	+08 17 29.4	18.5	V	V	413
1994 CB	1994 03 22.46772	06 29 18.78	−31 48 56.1		F	413	1994 FD	1994 03 19.62928	12 34 06.75	+08 17 12.6			V	413
1994 CB	1994 03 22.47277	06 29 18.61	−31 49 03.4		F	413	1994 FD	1994 03 22.65468	12 29 01.77	+07 57 03.5				413
1994 CA_1	1994 03 19.46277	08 41 09.02	+13 13 09.8			413	1994 FD	1994 03 22.65838	12 29 01.41	+07 57 02.3				413

1994 FE		1994 03 11.59284	12 41 09.05	+09 01 46.7			V	413
1994 FE		1994 03 11.63797	12 41 07.54	+09 02 25.7			V	413
1994 FE	*	1994 03 19.58762	12 36 18.48	+11 02 34.0	17.5	V	p	413
1994 FE		1994 03 20.62112	12 35 36.92	+11 17 52.0				413
1994 FE		1994 03 20.62437	12 35 36.77	+11 17 54.9				413
1994 FE		1994 03 22.72566	12 34 10.37	+11 48 39.5				413
1994 FE		1994 03 22.72927	12 34 10.22	+11 48 43.1				413
1994 FO	*	1994 03 21.60778	12 13 45.01	+00 45 39.1	17	V		413
1994 FO		1994 03 21.64944	12 13 41.14	+00 45 30.5				413
1994 FO		1994 03 22.71392	12 12 04.00	+00 41 34.9				413
1994 FO		1994 03 22.71701	12 12 03.72	+00 41 34.4				413
1994 FP	*	1994 03 21.60778	12 14 23.00	+02 25 30.5	18	V		413
1994 FP		1994 03 21.64944	12 14 19.18	+02 25 18.1				413
1994 FP		1994 03 22.71988	12 12 41.60	+02 19 43.0				413
1994 FP		1994 03 22.72249	12 12 41.34	+02 19 41.9				413
1994 GA	*	1994 04 01.45378	09 01 41.67	−21 32 00.6	18	V		413
1994 GA		1994 04 01.49198	09 01 42.01	−21 31 28.6				413
1994 GA		1994 04 03.48081	09 02 09.01	−21 03 52.5				413
1994 GA		1994 04 03.48349	09 02 09.04	−21 03 50.2				413
1994 GA		1994 04 03.60382	09 02 10.74	−21 02 09.6				413
1994 GB	*	1994 04 02.47257	10 12 44.38	−02 30 34.4	18	V		413
1994 GB		1994 04 03.61692	10 12 49.74	−02 04 06.0				413
1994 GB		1994 04 03.62161	10 12 49.78	−02 03 59.6				413
1994 GD	*	1994 04 01.51818	12 28 55.53	−14 07 38.6	16	V		413
1994 GD		1994 04 01.58068	12 28 52.93	−14 07 15.4				413
1994 GD		1994 04 03.62584	12 27 43.35	−13 54 08.5				413
1994 GD		1994 04 03.62829	12 27 43.04	−13 54 03.0				413
(431)		1994 03 21.60778	12 13 50.08	+00 59 45.0				413
(431)		1994 03 21.64944	12 13 48.25	+00 59 57.4				413
(1159)		1994 04 01.51818	12 31 51.99	−13 28 03.5				413
(1159)		1994 04 01.58068	12 31 47.69	−13 28 00.2				413
(1980)		1994 03 18.56234	09 31 56.26	−31 38 12.5			O	413
(1980)		1994 03 18.56444	09 31 56.15	−31 38 10.3			O	413
(1980)		1994 03 22.53140	09 28 47.05	−30 36 15.1				413
(1980)		1994 03 22.53519	09 28 46.87	−30 36 11.6				413
(5867)		1994 03 19.42830	04 09 32.81	−08 16 27.4			F	413
(5869)		1994 03 18.56862	09 33 13.00	−28 48 29.0				413
(5869)		1994 03 18.57141	09 33 13.09	−28 48 23.7				413
(5870)		1994 03 18.64367	13 15 30.40	+17 32 13.3				413
(5870)		1994 03 18.64628	13 15 30.28	+17 32 15.0				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

1985 KE		1994 02 14.57253	11 12 19.82	+00 45 57.9				474
1985 KE		1994 02 14.59997	11 12 18.75	+00 46 05.8				474
1985 KE		1994 02 15.57184	11 11 39.57	+00 49 55.1				474
1985 KE		1994 02 15.59973	11 11 38.40	+00 50 02.3				474
1985 KE		1994 03 10.52587	10 54 17.66	+02 41 46.5	18.2			474
1985 KE		1994 03 10.55683	10 54 16.21	+02 41 56.4				474
1985 KE		1994 03 14.52264	10 51 16.48	+03 02 57.7				474
1985 KE		1994 03 14.56494	10 51 14.62	+03 03 12.1				474
1989 SN_5		1994 03 09.51204	09 23 03.27	+10 07 46.4	18.9			474
1989 SN_5		1994 03 10.44803	09 22 32.90	+10 12 41.7	18.7			474
1989 SN_5		1994 03 10.47454	09 22 31.91	+10 12 50.2				474
1992 JB		1994 01 12.58576	11 40 50.40	−51 44 06.3				474
1992 JB		1994 01 12.61753	11 41 02.75	−51 45 20.1				474
1993 TA		1994 02 14.44759	03 21 45.87	−13 08 39.2			t	474
1993 TA		1994 02 14.45760	03 21 47.07	−13 08 25.6			t	474
1993 TA		1994 02 15.44291	03 24 02.39	−12 45 07.7				474
1993 TA		1994 02 15.44927	03 24 03.21	−12 44 59.1				474
1993 UC		1994 02 15.40922	01 47 12.05	−25 12 57.1				474
1993 UC		1994 02 15.41709	01 47 12.87	−25 12 44.6				474
1993 UC		1994 02 15.42647	01 47 13.88	−25 12 29.1				474
1994 AW_1		1994 02 15.48903	06 02 26.33	−14 55 06.7				474
1994 AW_1		1994 02 15.49777	06 02 26.11	−14 55 16.7				474
1994 CM_2		1994 03 09.45706	09 19 46.28	+08 46 34.7	18.3			474
1994 CM_2		1994 03 09.47882	09 19 45.35	+08 46 37.3				474
1994 CM_2		1994 03 10.40949	09 19 08.13	+08 48 42.7	18.2			474
1994 CM_2		1994 03 10.42407	09 19 07.52	+08 48 44.5				474
1994 CM_2		1994 03 17.47009	09 15 17.90	+09 02 23.2				474
1994 CM_2		1994 03 17.50950	09 15 16.94	+09 02 27.4				474

540 Linz
E. Meyer, F. Marklstrasse 1/62, A-4040 Linz, Austria
Observers E. Meyer, E. Obermair
0.30-m $f/5.2$ Schmidt Cassegrain + CCD
GSC

1993 UC		1994 03 26.82927	03 43 10.05	+79 02 32.8	14.1	R		540
1993 UC		1994 03 26.83036	03 43 11.91	+79 02 47.6	14.0	R		540
1993 UC		1994 03 26.83149	03 43 13.85	+79 03 03.0	14.0	R		540
1993 UC		1994 03 26.83251	03 43 15.45	+79 03 16.9	14.0	R		540
1993 UC		1994 03 26.83955	03 43 27.48	+79 04 52.8	14.1	R		540
1993 UC		1994 03 26.84058	03 43 29.25	+79 05 07.1	14.1	R		540
1993 UC		1994 03 26.84159	03 43 30.78	+79 05 20.7	14.0	R		540
1993 UC		1994 03 26.84257	03 43 32.67	+79 05 34.2	13.9	R		540
1993 UC		1994 03 27.79326	04 21 17.40	+82 30 13.9	14.1	R		540
1993 UC		1994 03 27.79442	04 21 21.04	+82 30 27.4	14.1	R		540
1993 UC		1994 03 27.79550	04 21 24.35	+82 30 39.5	14.1	R		540
1993 UC		1994 03 27.79655	04 21 27.89	+82 30 52.1	14.1	R		540
1993 UC		1994 03 27.79782	04 21 32.01	+82 31 06.9	14.1	R		540
1993 UC		1994 03 27.79877	04 21 35.20	+82 31 18.2	14.1	R		540
1993 UC		1994 03 30.78220	11 14 47.08	+85 12 41.7	14.2	R		540
1993 UC		1994 03 30.78333	11 14 53.87	+85 12 34.1	14.1	R		540
1993 UC		1994 03 30.78433	11 14 59.51	+85 12 27.5	14.2	R		540
1993 UC		1994 03 30.78532	11 15 05.56	+85 12 20.6	14.2	R		540
(1620)		1994 03 11.80266	05 59 55.77	+31 07 40.5	16.4	R		540
(1620)		1994 03 11.80705	05 59 55.94	+31 07 34.9	16.2	R		540
(1620)		1994 03 11.81171	05 59 56.15	+31 07 29.7	16.1	R		540
(1620)		1994 03 11.81589	05 59 56.40	+31 07 25.0	16.2	R	I	540
(5833)		1994 03 11.77343	06 00 13.22	+31 05 11.9	16.4	R		540
(5833)		1994 03 11.77740	06 00 13.26	+31 05 12.1	16.4	R		540
(5833)		1994 03 11.78153	06 00 13.35	+31 05 09.1	16.5	R		540

(5833)	1994 03 11.78539	06 00 13.51	+31 05 07.6	16.5 R	540
(5833)	1994 03 11.80266	06 00 14.02	+31 05 04.0	16.6 R	540
(5833)	1994 03 11.80705	06 00 14.08	+31 05 00.7	16.6 R	540
(5833)	1994 03 11.81171	06 00 14.20	+31 04 59.8	16.6 R	540
(5833)	1994 03 11.81589	06 00 14.41	+31 04 58.2	16.8 R	540

557 Ondřejov
P. Pravec, Astronomical Institute, Czech Academy of Sciences, CZ-25165 Ondřejov, Czech Republic
Observers P. Pravec, M. Varady, P. Kubíček
Measurer P. Pravec, P. Kubíček
0.65-m $f/3.6$ reflector + CCD
GSC

1993 UC	1994 03 30.86862	11 23 01.59	+85 02 53.2		557
1993 UC	1994 03 30.89560	11 25 28.14	+84 59 44.3		557
1993 UC	1994 03 30.94166	11 29 30.57	+84 54 16.7		557
1993 UC	1994 03 31.02472	11 36 24.84	+84 44 09.3		557
1993 UC	1994 03 31.06095	11 39 17.23	+84 39 38.8		557
1993 UC	1994 03 31.09522	11 41 56.00	+84 35 20.1		557
1993 UC	1994 03 31.12041	11 43 50.59	+84 32 07.9		557
1993 UC	1994 03 31.15285	11 46 15.18	+84 27 59.4		557
1994 AH_2	1994 03 10.76149	03 38 30.73	+11 04 56.1		557
1994 AH_2	1994 03 10.76696	03 38 31.22	+11 05 01.4		557
(56)	1994 02 20.11247	10 44 54.80	+00 27 27.2		557
(56)	1994 02 20.11469	10 44 54.71	+00 27 28.2		557
(56)	1994 02 20.11596	10 44 54.64	+00 27 28.5		557
(56)	1994 02 20.11716	10 44 54.59	+00 27 29.0		557
(56)	1994 02 20.11898	10 44 54.51	+00 27 29.9		557
(56)	1994 02 20.11999	10 44 54.45	+00 27 30.0		557
(56)	1994 02 20.12089	10 44 54.41	+00 27 30.4		557
(56)	1994 02 20.12175	10 44 54.36	+00 27 30.8		557
(56)	1994 03 09.83942	10 29 59.92	+02 29 50.4		557
(56)	1994 03 09.84160	10 29 59.82	+02 29 51.4		557
(56)	1994 03 09.84321	10 29 59.73	+02 29 52.0		557
(56)	1994 03 09.84487	10 29 59.65	+02 29 52.8		557
(56)	1994 03 09.84649	10 29 59.56	+02 29 53.5		557
(56)	1994 03 11.93356	10 28 17.46	+02 45 14.4		557
(56)	1994 03 11.93542	10 28 17.36	+02 45 15.2		557
(56)	1994 03 11.93982	10 28 17.15	+02 45 17.2		557
(56)	1994 03 11.94571	10 28 16.87	+02 45 19.8		557
(56)	1994 03 11.94876	10 28 16.71	+02 45 21.1		557
(4954)	1994 02 16.90508	11 18 06.39	+22 50 45.3	14.2 V	557
(4954)	1994 02 16.91132	11 18 05.58	+22 50 44.1	14.3 V	557
(4954)	1994 02 16.96556	11 17 58.52	+22 50 34.3	14.4 V	557
(4954)	1994 02 17.00895	11 17 52.84	+22 50 26.1	14.1 V	557
(4954)	1994 02 17.08138	11 17 43.35	+22 50 11.8	13.9 V	557
(4954)	1994 02 17.12512	11 17 37.72	+22 50 02.2	14.1 V	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

1978 VP_2	1994 03 09.88559	10 21 59.55	+06 43 11.3	16.5	560
1978 VP_2	1994 03 09.89847	10 21 58.90	+06 43 14.8		560
1978 VP_2	1994 03 09.92318	10 21 57.52	+06 43 22.1		560
1978 VP_2	1994 03 11.89781	10 20 26.54	+06 51 38.2	16.5	560
1978 VP_2	1994 03 11.91299	10 20 25.83	+06 51 42.2		560
1978 VP_2	1994 03 11.92671	10 20 25.17	+06 51 45.8		560
1978 VP_2	1994 03 13.90440	10 18 59.40	+06 59 43.6		560
1978 VP_2	1994 03 13.91326	10 18 59.00	+06 59 45.2		560
1978 VP_2	1994 03 13.92157	10 18 58.67	+06 59 46.9		560
1978 VP_2	1994 03 16.87985	10 17 01.67	+07 10 57.1		560
1978 VP_2	1994 03 16.90096	10 17 00.83	+07 11 02.1		560
1978 VP_2	1994 03 16.92123	10 17 00.03	+07 11 05.8		560
1978 VP_2	1994 03 18.87268	10 15 51.23	+07 17 55.0	16.6	560
1978 VP_2	1994 03 18.89001	10 15 50.57	+07 17 57.8		560
1978 VP_2	1994 03 18.90604	10 15 49.94	+07 18 01.5		560
1978 VE_{15}	1994 02 09.89059	07 12 58.15	+26 13 14.2	17.0	560
1978 VE_{15}	1994 02 09.89831	07 12 57.99	+26 13 14.4		560
1978 VE_{15}	1994 02 09.90692	07 12 57.67	+26 13 14.7		560
1983 XH_1	1994 03 07.89131	10 24 49.53	+06 37 47.7	16.1	560
1983 XH_1	1994 03 07.90705	10 24 48.78	+06 37 55.6		560
1983 XH_1	1994 03 07.92145	10 24 48.15	+06 38 02.3		560
1983 XH_1	1994 03 08.90018	10 24 05.46	+06 45 44.1	16.1	560
1983 XH_1	1994 03 08.91396	10 24 04.85	+06 45 51.0		560
1983 XH_1	1994 03 08.92910	10 24 04.20	+06 45 57.7		560
1983 XH_1	1994 03 09.88033	10 23 23.53	+06 53 21.4	16.1	560
1983 XH_1	1994 03 09.90312	10 23 22.52	+06 53 32.5		560
1984 SZ_1	1994 02 17.95200	09 25 51.81	+13 54 03.1	17.2	560
1984 SZ_1	1994 02 17.95700	09 25 51.63	+13 54 04.8		560
1984 SZ_1	1994 02 17.96159	09 25 51.27	+13 54 06.5		560
4277 T-1	1994 03 11.90828	10 21 07.60	+07 02 59.8	17.6	560
4277 T-1	1994 03 11.92215	10 21 07.03	+07 03 04.5		560
4277 T-1	1994 03 11.93558	10 21 06.54	+07 03 10.2		560
4277 T-1	1994 03 13.90910	10 19 53.52	+07 14 49.0	17.6	560
4277 T-1	1994 03 13.91745	10 19 53.25	+07 14 51.3		560
4277 T-1	1994 03 13.92588	10 19 52.85	+07 14 54.9		560
(1620)	1994 02 16.76275	05 56 34.10	+39 24 43.7	15.9	560
(1620)	1994 02 16.76687	05 56 33.86	+39 24 37.7		560
(1620)	1994 02 16.77044	05 56 33.70	+39 24 32.8		560
(3031)	1994 03 08.89660	10 23 40.48	+06 31 25.1	15.8	560
(3031)	1994 03 08.91059	10 23 39.62	+06 31 27.2		560
(3031)	1994 03 08.92578	10 23 38.65	+06 31 29.6		560
(3031)	1994 03 18.88182	10 14 41.91	+07 00 57.9	15.8	560
(3031)	1994 03 18.89820	10 14 41.11	+07 01 00.2		560
(5813)	1994 02 17.92949	08 34 05.51	+04 31 23.9	16.7	560
(5813)	1994 02 17.93318	08 34 05.22	+04 31 26.2		560
(5813)	1994 02 17.93741	08 34 05.10	+04 31 27.9		560

563 Seewalchen
F. Frevert, Dilichstrasse 1, W-6330 Wetzlar, Federal Republic of Germany
Observer M. Bressler
0.25-m $f/6$ reflector + CCD
GSC

(513)		1993 12 30.79898	05 57 08.78	+08 42 17.7		563
(513)		1993 12 30.80081	05 57 08.71	+08 42 18.0		563
(513)		1993 12 30.80532	05 57 08.47	+08 42 18.1		563
(513)		1993 12 30.80814	05 57 08.32	+08 42 18.8		563
(1051)		1993 05 16.89097	16 08 49.40	+08 03 18.7		563
(1051)		1993 05 16.90139	16 08 49.02	+08 03 21.8		563
(1051)		1993 05 16.91181	16 08 48.55	+08 03 26.8		563
(1051)		1993 05 16.92361	16 08 47.87	+08 03 30.9		563
(2855)		1994 01 18.82573	06 59 30.20	+34 17 31.9		563
(2855)		1994 01 18.83112	06 59 29.92	+34 17 29.4		563
(2855)		1994 01 18.83385	06 59 29.71	+34 17 28.5		563
(2855)		1994 01 18.83749	06 59 29.45	+34 17 29.3		563

568 Mauna Kea Observatory
D. Jewitt, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822, U.S.A.
Observers D. Jewitt, J. X. Luu
2.2-m reflector + CCD
GSC

1994 ES_2	*	1994 03 13.3833	10 37 50.80	+08 42 59.5	24.3 R	568
1994 ES_2		1994 03 13.5601	10 37 50.12	+08 43 03.2		568
1994 ES_2		1994 03 14.3950	10 37 46.69	+08 43 23.9		568
1994 ES_2		1994 03 14.4379	10 37 46.52	+08 43 25.0		568
1994 EV_3	*	1994 03 13.4879	13 10 08.82	−07 24 27.2	23.3 R	568
1994 EV_3		1994 03 13.5000	13 10 08.79	−07 24 27.2		568
1994 EV_3		1994 03 13.5120	13 10 08.74	−07 24 26.9		568
1994 EV_3		1994 03 14.5250	13 10 04.86	−07 24 04.8		568
1994 EV_3		1994 03 14.5408	13 10 04.80	−07 24 04.1		568
1994 EV_3		1994 03 15.5385	13 10 01.00	−07 23 41.6		568
1994 EV_3		1994 03 15.5508	13 10 00.99	−07 23 41.3		568
1994 EV_3		1994 03 15.5976	13 10 00.75	−07 23 40.3		568

587 Sormano
P. Sicoli, Via Valli 9, I-22040 Garbagnate Monastero (Como), Italy
Observers P. Sicoli, M. Cavagna, E. Colzani, A. Testa, V. Giuliani
0.5-m reflector + CCD
GSC

1993 YN_2		1994 03 04.83896	05 41 02.13	+20 59 12.9		587
1994 AH_2		1994 03 28.80428	04 13 21.78	+15 58 11.4		587
1994 AH_2		1994 03 28.81053	04 13 22.48	+15 58 18.9		587
1994 AD_3		1994 03 03.84100	05 43 40.58	+23 41 48.6		587
1994 AD_3		1994 03 03.87721	05 43 43.52	+23 41 52.1		587
1994 CN_2		1994 03 14.89195	09 48 27.87	+15 29 07.7	20.2 V	587
1994 CN_2		1994 03 14.91182	09 48 26.52	+15 29 15.4		587
1994 CN_2		1994 03 14.93915	09 48 24.63	+15 29 21.9		587
1994 CN_2		1994 03 14.95079	09 48 23.81	+15 29 25.5		587
1994 EF_2		1994 03 28.90119	09 43 23.43	+01 41 58.0		587
1994 EF_2		1994 03 28.90703	09 43 23.59	+01 41 44.8		587
1994 FB	*	1994 03 18.87211	11 21 39.35	+02 36 15.5		587
1994 FB		1994 03 18.95311	11 21 34.81	+02 36 50.6		587
1994 FB		1994 03 18.98749	11 21 32.88	+02 37 05.2	17.2 V	587
1994 FB		1994 03 19.87433	11 20 44.47	+02 43 35.1		587
1994 FB		1994 03 19.90885	11 20 42.57	+02 43 48.2		587
1994 FB		1994 03 19.91465	11 20 42.26	+02 43 50.2		587
1994 FB		1994 03 22.83360	11 18 06.72	+03 04 42.7		587
1994 FB		1994 03 28.85722	11 13 11.40	+03 45 12.6		587
1994 FB		1994 03 28.86428	11 13 11.03	+03 45 13.9		587
1994 FB		1994 03 30.82255	11 11 44.31	+03 57 26.8		587
1994 FB		1994 03 30.90728	11 11 40.54	+03 57 55.2		587
1994 FB		1994 04 03.92964	11 08 59.50	+04 21 08.3		587
1994 FB		1994 04 03.95994	11 08 58.27	+04 21 17.5		587
1994 FR	*	1994 03 28.84802	11 13 05.82	+03 43 39.7		587
1994 FR		1994 03 28.86428	11 13 05.26	+03 43 43.2		587
1994 FR		1994 03 30.85230	11 11 44.95	+03 52 03.2		587
1994 FR		1994 03 30.88495	11 11 43.61	+03 52 09.3		587
1994 FR		1994 03 30.89952	11 11 43.03	+03 52 13.8	17.8 V	587
1994 FR		1994 04 03.91926	11 09 11.28	+04 08 01.7		587
1994 FR		1994 04 03.93936	11 09 10.55	+04 08 06.1		587
(217)		1994 03 14.85936	06 27 23.24	+14 15 48.0		587
(217)		1994 03 14.87244	06 27 23.44	+14 15 50.3		587

589 Santa Lucia Stroncone
A. Vagnozzi, Via Santa Lucia 68, I-05039 Stroncone (Terni), Italy
Observers A. Vagnozzi, V. Risoldi, G. Bernabei, E. Gregori, F. Lombardi
Measurer A. Vagnozzi
0.50-m $f/2.8$ Ritchey-Chrétien + CCD
GSC

1994 CY		1994 03 29.80061	03 40 41.66	+20 33 22.1	18.4 V		589
1994 CY		1994 03 29.81654	03 40 43.51	+20 33 24.1			589
1994 CY		1994 03 29.82445	03 40 44.45	+20 33 25.4			589
1994 EE		1994 03 09.93187	11 25 12.52	+07 24 14.7	19.0 V		589
1994 EE		1994 03 09.94419	11 25 11.76	+07 24 21.0			589
1994 EF		1994 03 07.79737	06 10 32.78	+25 04 49.3			589
1994 EF		1994 03 07.80767	06 10 33.28	+25 04 46.2		I	589
1994 EF		1994 03 07.83244	06 10 34.07	+25 04 39.5			589
1994 EF		1994 03 07.85027	06 10 34.81	+25 04 33.8			589
1994 EF		1994 03 08.77635	06 11 13.34	+24 59 56.2	18.7 V	I	589
1994 EF		1994 03 08.80724	06 11 14.52	+24 59 45.9		I	589
1994 EF		1994 03 11.77729	06 13 27.01	+24 45 00.8	18.5 V		589
1994 EF		1994 03 11.80955	06 13 28.37	+24 44 51.6			589
1994 EF		1994 03 11.83676	06 13 29.58	+24 44 42.0			589
1994 EF		1994 03 17.84509	06 18 36.65	+24 15 36.4	18.4 V		589
1994 EF		1994 03 17.85438	06 18 37.18	+24 15 34.7			589
1994 EG		1994 03 09.93187	11 25 52.26	+07 26 36.8	19.0 V		589
1994 EG		1994 03 09.94419	11 25 51.71	+07 26 43.7			589
1994 EH		1994 03 08.85061	11 25 29.97	+06 54 08.4			589
1994 EH		1994 03 08.86221	11 25 29.01	+06 54 07.1			589
1994 EH		1994 03 08.87264	11 25 28.18	+06 54 06.1			589
1994 EH		1994 03 08.88663	11 25 27.05	+06 54 04.3			589
1994 EH		1994 03 10.84034	11 22 49.26	+06 50 23.3	17.0 V		589
1994 EH		1994 03 10.84858	11 22 48.56	+06 50 22.6			589
1994 EH		1994 03 10.86486	11 22 47.24	+06 50 20.8			589
1994 EH		1994 03 10.87780	11 22 46.18	+06 50 19.2			589
1994 EH		1994 03 18.02438	11 13 03.05	+06 34 57.8	17.2 V		589
1994 EH		1994 03 18.02988	11 13 02.59	+06 34 56.6			589
1994 EH		1994 03 30.86750	10 56 31.35	+05 57 36.2	17.4 V		589

1994 EH		1994 03 30.87893	10 56 30.53	+05 57 34.3			589
1994 EX	*	1994 03 08.85061	11 25 50.93	+06 49 06.5	19.2	V	589
1994 EX		1994 03 08.86221	11 25 50.34	+06 49 09.4			589
1994 EX		1994 03 08.87264	11 25 49.85	+06 49 13.1			589
1994 EX		1994 03 08.88663	11 25 49.12	+06 49 16.9			589
1994 EX		1994 03 09.86756	11 25 01.19	+06 53 56.9			589
1994 EX		1994 03 09.87786	11 25 00.70	+06 54 00.5			589
1994 EX		1994 03 09.88815	11 25 00.15	+06 54 02.2			589
1994 EX		1994 03 10.89221	11 24 10.91	+06 58 48.4	19.0	V	589
1994 EX		1994 03 10.90605	11 24 10.25	+06 58 52.2			589
1994 EX		1994 03 10.91705	11 24 09.68	+06 58 55.3			589
1994 EX		1994 03 11.85675	11 23 23.70	+07 03 20.1	19.2	V	589
1994 EX		1994 03 11.86580	11 23 23.20	+07 03 22.9			589
1994 EX		1994 03 18.93089	11 17 40.28	+07 35 17.3	19.2	V	589
1994 EX		1994 03 18.94158	11 17 39.78	+07 35 20.4			589
1994 EY	*	1994 03 09.86756	11 25 10.99	+06 49 31.9	19.2	V	589
1994 EY		1994 03 09.87786	11 25 10.37	+06 49 36.5			589
1994 EY		1994 03 09.88815	11 25 09.84	+06 49 40.5			589
1994 EY		1994 03 10.89221	11 24 17.10	+06 57 16.5			589
1994 EY		1994 03 10.90605	11 24 16.24	+06 57 23.6			589
1994 EY		1994 03 10.91705	11 24 15.74	+06 57 29.1			589
1994 EY		1994 03 18.05693	11 18 09.05	+07 49 01.2	19.0	V	589
1994 EY		1994 03 18.07750	11 18 07.93	+07 49 08.4			589
1994 EZ	*	1994 03 09.89845	11 23 15.26	+06 48 54.7	18.5	V	589
1994 EZ		1994 03 09.90875	11 23 14.68	+06 48 58.4			589
1994 EZ		1994 03 09.91905	11 23 14.08	+06 49 01.8			589
1994 EZ		1994 03 10.84034	11 22 20.13	+06 54 13.0			589
1994 EZ		1994 03 10.84858	11 22 19.66	+06 54 15.3			589
1994 EZ		1994 03 10.86486	11 22 18.68	+06 54 21.3			589
1994 EZ		1994 03 10.87780	11 22 17.94	+06 54 25.8			589
1994 EZ		1994 03 11.91133	11 21 17.40	+07 00 12.9			589
1994 EZ		1994 03 11.92363	11 21 16.70	+07 00 16.6			589
1994 EZ		1994 03 17.97170	11 15 30.08	+07 32 25.2	18.5	V	589
1994 EZ		1994 03 17.98101	11 15 29.55	+07 32 28.0			589
1994 EA_1	*	1994 03 09.89845	11 23 25.30	+06 57 20.2	19.5	V	589
1994 EA_1		1994 03 09.90875	11 23 24.73	+06 57 20.7			589
1994 EA_1		1994 03 09.91905	11 23 24.13	+06 57 21.5			589
1994 EA_1		1994 03 10.86486	11 22 30.52	+06 58 20.6			589
1994 EA_1		1994 03 10.87780	11 22 29.79	+06 58 21.7			589
1994 EA_1		1994 03 11.91133	11 21 31.24	+06 59 24.5			589
1994 EA_1		1994 03 11.92363	11 21 30.53	+06 59 24.7			589
1994 EB_1	*	1994 03 09.89845	11 23 32.30	+06 46 19.8	19.5	V	589
1994 EB_1		1994 03 09.90875	11 23 31.79	+06 46 23.7			589
1994 EB_1		1994 03 09.91905	11 23 31.22	+06 46 26.5			589
1994 EB_1		1994 03 10.84034	11 22 45.45	+06 52 27.1			589
1994 EB_1		1994 03 10.84858	11 22 44.97	+06 52 30.1			589
1994 EB_1		1994 03 10.86486	11 22 44.20	+06 52 36.6			589
1994 EB_1		1994 03 10.87780	11 22 43.62	+06 52 41.4			589
1994 EB_1		1994 03 11.91133	11 21 51.90	+06 59 21.9			589
1994 EB_1		1994 03 11.92363	11 21 51.20	+06 59 25.7			589
1994 ET_1	*	1994 03 11.77729	06 13 04.81	+24 45 49.8	19.0	V	589
1994 ET_1		1994 03 11.80955	06 13 06.10	+24 45 49.8			589
1994 ET_1		1994 03 11.83676	06 13 07.11	+24 45 50.3		I	589
1994 ET_1		1994 03 12.86104	06 13 48.81	+24 45 59.1			589
1994 ET_1		1994 03 12.87643	06 13 49.39	+24 45 58.5			589
1994 ET_1		1994 03 30.81611	06 29 19.93	+24 43 31.6	18.9	V	589
1994 ET_1		1994 03 30.85155	06 29 22.17	+24 43 32.0			589
1994 FN	*	1994 03 18.89242	11 18 43.20	+08 43 15.7	17.0	V	589
1994 FN		1994 03 18.90214	11 18 42.68	+08 43 18.1			589
1994 FN		1994 03 18.91467	11 18 42.11	+08 43 21.5			589
1994 FN		1994 03 27.79006	11 12 04.17	+09 17 06.2	17.2	V	589
1994 FN		1994 03 27.79823	11 12 03.91	+09 17 08.7			589
1994 FN		1994 03 27.82783	11 12 02.66	+09 17 14.4			589
1994 FN		1994 03 29.93176	11 10 36.81	+09 23 54.6			589
1994 FN		1994 03 29.94564	11 10 36.22	+09 23 57.0			589
1994 FN		1994 03 29.95443	11 10 35.88	+09 23 58.1			589
1994 FN		1994 03 31.79839	11 09 24.34	+09 29 19.8	17.2	V	589
1994 FN		1994 03 31.81212	11 09 23.80	+09 29 23.1			589
1994 GC	*	1994 04 02.83733	11 05 05.43	+10 12 18.1	19.2	V	589
1994 GC		1994 04 02.85117	11 05 04.86	+10 12 21.1			589
1994 GC		1994 04 02.86858	11 05 04.30	+10 12 24.5			589
1994 GC		1994 04 02.88309	11 05 03.79	+10 12 26.4			589
1994 GC		1994 04 04.85596	11 03 58.04	+10 18 23.4			589
1994 GC		1994 04 04.87236	11 03 57.49	+10 18 26.6			589
1994 GC		1994 04 04.88181	11 03 57.15	+10 18 27.7			589
(2032)		1994 03 30.81611	06 29 07.94	+24 49 33.6			589
(2032)		1994 03 30.85155	06 29 09.45	+24 49 31.5	17.2	V	589

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Observers E. Petterin, W. Boschin, G. Lombardi, F. Piani, A. Toso, L. Bittesini, F. Damonte
Measurers E. Pettarin, A. Toso
0.4-m $f/4.5$ reflector + CCD
GSC

1994 AJ_3		1994 03 09.79286	04 45 38.46	+18 03 18.1	19	V	595
1994 AJ_3		1994 03 09.80678	04 45 39.04	+18 03 21.0			595
1994 BE		1994 03 07.85183	07 34 35.38	+14 04 24.2			595
1994 BE		1994 03 28.77846	07 38 10.64	+14 59 33.5	19	V	595
1994 BE		1994 03 28.79479	07 38 11.04	+14 59 36.1			595
1994 BN_4		1994 03 10.83390	08 28 27.43	+11 16 31.0	19	V	595
1994 BN_4		1994 03 10.97833	08 28 24.02	+11 16 56.3			595
1994 BN_4		1994 03 12.00408	08 28 01.71	+11 19 59.8			595
1994 BN_4		1994 03 12.03242	08 28 01.18	+11 20 05.4			595
1994 DA		1994 03 30.84450	09 06 00.74	+14 33 17.9			595
1994 DA		1994 03 30.87424	09 06 00.85	+14 33 23.5			595
1994 DA		1994 03 30.95919	09 06 01.16	+14 33 42.1	18.5	V	595
1994 EM		1994 03 10.00865	09 11 47.50	+12 43 06.0			595
1994 EM		1994 03 10.02200	09 11 47.04	+12 43 10.6			595
1994 EN		1994 03 17.83441	09 06 50.22	+13 19 08.9			595
1994 EN		1994 03 17.88338	09 06 49.22	+13 19 21.1			595
1994 EW_3		1994 03 08.84112	08 36 32.32	+10 58 29.7	18.5	V	595
1994 EW_3	*	1994 03 08.85831	08 36 31.97	+10 58 35.7			595
1994 EW_3		1994 03 11.92141	08 35 36.66	+11 14 48.1			595
1994 EW_3		1994 03 11.93550	08 35 36.47	+11 14 54.7			595

1994 EW_3	1994 03 17.80354	08 34 38.62	+11 42 55.9		595
1994 EW_3	1994 03 17.96177	08 34 37.59	+11 43 36.3		595
1994 FQ	1994 03 17.86915	09 06 14.54	+13 00 57.4		595
1994 FQ	* 1994 03 17.93641	09 06 13.64	+13 01 28.3		595
1994 FQ	1994 03 29.90198	09 05 43.13	+14 21 02.6		595
1994 FQ	1994 03 29.92841	09 05 43.14	+14 21 12.1		595
1994 FQ	1994 03 29.95518	09 05 43.21	+14 21 20.4		595
1994 FQ	1994 03 30.84450	09 05 49.71	+14 26 21.9	18.5 V	595
1994 FQ	1994 03 30.87424	09 05 49.91	+14 26 32.0		595
1994 FQ	1994 03 30.95919	09 05 50.41	+14 26 59.3		595
1994 FQ	1994 03 31.96069	09 05 59.16	+14 32 27.4		595
1994 FQ	1994 03 31.99021	09 05 59.46	+14 32 35.3		595
1994 FS	1994 03 30.84450	09 05 38.20	+14 30 24.4		595
1994 FS	* 1994 03 30.87424	09 05 37.94	+14 30 27.3	18.5 V	595
1994 FS	1994 03 30.95919	09 05 37.50	+14 30 34.1		595
1994 FS	1994 03 31.96069	09 05 33.67	+14 31 57.1		595
1994 FS	1994 04 01.00411	09 05 33.47	+14 32 01.1		595

596 Colleverde di Guidonia
V. S. Casulli, Via M. Rosa 1, I-00010 Colleverde di Guidonia (RM), Italy
Observers V. S. Casulli, S. Valentini
0.31-m $f/2.8$ Baker-Schmidt + CCD
GSC

1948 AF	1994 03 11.87093	13 03 22.20	+47 29 05.9		596
1948 AF	1994 03 11.89334	13 03 21.27	+47 29 30.4		596
1948 AF	1994 03 11.91218	13 03 20.54	+47 29 50.3		596
1979 KO	1994 03 11.80987	10 54 11.47	+30 05 35.8		596
1979 KO	1994 03 11.83898	10 54 10.10	+30 05 45.7		596
1979 KO	1994 03 11.85801	10 54 09.19	+30 05 50.6		596
1989 AG	1994 03 22.93564	14 40 17.14	+04 12 11.0		596
1989 AG	1994 03 22.97272	14 40 16.27	+04 12 19.6		596
1989 AG	1994 03 23.00021	14 40 15.82	+04 12 32.4		596
1991 CM_5	1994 03 11.93518	13 37 52.24	+31 42 13.4		596
1991 CM_5	1994 03 11.95025	13 37 51.78	+31 42 34.4		596
1991 CM_5	1994 03 11.96678	13 37 51.57	+31 42 56.5		596
1991 JS_1	1994 03 18.91774	13 35 07.28	−02 17 19.3		596
1991 JS_1	1994 03 18.94163	13 35 06.33	−02 17 08.2		596
1991 NS_1	1994 03 06.88470	12 13 15.49	−00 41 50.7		596
1991 NS_1	1994 03 06.92493	12 13 13.56	−00 41 31.6		596
1991 NS_1	1994 03 06.94321	12 13 12.74	−00 41 28.0		596
1994 CE_1	1994 03 10.78473	10 15 48.55	+02 45 28.6		596
1994 CE_1	1994 03 10.81855	10 15 46.10	+02 45 31.9		596
1994 CE_1	1994 03 10.84193	10 15 44.61	+02 45 32.7		596
1994 CE_1	1994 03 10.85573	10 15 43.91	+02 45 33.1		596
1994 EB	1994 03 06.88470	12 13 42.22	−00 43 59.1		596
1994 EB	1994 03 06.91062	12 13 41.43	−00 43 47.2		596
1994 EB	1994 03 06.92493	12 13 40.71	−00 43 39.6		596
1994 EB	1994 03 06.94321	12 13 39.80	−00 43 32.5		596
1994 EB	1994 03 07.91353	12 12 58.68	−00 35 19.5		596
1994 EB	1994 03 07.93170	12 12 57.75	−00 35 10.6		596
1994 EB	1994 03 07.94404	12 12 57.33	−00 35 04.2		596
1994 EB	1994 03 18.86786	12 04 26.03	+01 01 42.9		596
1994 EB	1994 03 18.88975	12 04 24.71	+01 01 57.5		596
1994 EB	1994 03 18.90434	12 04 24.36	+01 02 00.4		596
(5858)	1994 03 22.83394	11 13 40.58	−03 47 46.3		596
(5858)	1994 03 22.84650	11 13 40.00	−03 47 40.6		596
(5858)	1994 03 22.86178	11 13 39.18	−03 47 32.0		596

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

(97)	1994 01 13.89050	07 10 19.63	+05 33 40.2		597
(97)	1994 01 13.90278	07 10 18.99	+05 33 46.7		597
(404)	1994 01 13.83669	05 14 42.37	+22 20 47.8		597
(404)	1994 01 13.85395	05 14 41.60	+22 20 51.5		597
(498)	1994 01 13.86064	06 14 41.70	+24 00 25.4		597
(498)	1994 01 13.87931	06 14 40.68	+24 00 29.1		597
(907)	1993 11 18.98345	03 45 06.04	+28 51 26.7		597
(907)	1993 11 18.99105	03 45 05.47	+28 51 27.9		597
(2105)	1994 01 13.89050	07 09 38.72	+05 11 35.8		597
(2105)	1994 01 13.90735	07 09 37.26	+05 11 22.6		597

605 Marl
E. Jung, Havellandstrasse 3, D-45770 Marl, Germany
0.2-m $f/10$ Schmidt-Cassegrain + CCD
GSC

1994 AE_2	1994 03 10.91220	07 36 44.27	+27 51 29.1	16.7 R	605
1994 AE_2	1994 03 10.92028	07 36 44.06	+27 51 32.0	17.0 R	605
1994 AE_2	1994 03 12.91987	07 36 40.69	+27 55 45.5	16.7 R	605
(2060)	1994 03 10.95199	10 18 46.46	+03 52 07.2	15.2 R	605
(2060)	1994 03 10.95995	10 18 46.28	+03 52 08.3	15.3 R	605
(2060)	1994 03 10.96818	10 18 46.18	+03 52 09.1	15.1 R	605
(2060)	1994 03 10.98031	10 18 45.90	+03 52 10.3	15.2 R	605
(2060)	1994 03 21.91553	10 16 02.22	+04 13 29.2	15.2 R	605
(2060)	1994 03 21.92424	10 16 02.10	+04 13 31.6	15.3 R	605
(2060)	1994 03 21.93318	10 16 02.05	+04 13 32.2	15.2 R	605
(2234)	1994 03 05.01001	11 37 52.77	+17 43 29.5	17.3 R	605
(2234)	1994 03 05.02150	11 37 52.18	+17 43 28.5	16.6 R	605
(2855)	1994 01 28.95068	06 50 28.57	+33 25 30.6	15.5 R	605
(2855)	1994 01 28.95939	06 50 28.23	+33 25 25.4	15.6 R	605
(2855)	1994 03 04.93531	06 49 42.02	+29 32 12.9	17.2 R	605
(2855)	1994 03 04.94363	06 49 42.26	+29 32 12.9	16.8 R	605

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Observers D. D. Balam, J. B. Tatum, G. C. L. Aikman
Measurer D. D. Balam
1.82-m Plaskett telescope + CCD
GSC

1974 XT	1994 03 06.45972	14 38 19.21	+15 24 30.5		658
1974 XT	1994 03 06.46292	14 38 19.18	+15 24 32.7		658
1974 XT	1994 03 06.46562	14 38 19.10	+15 24 34.0		658
1974 XT	1994 03 07.41979	14 38 08.86	+15 34 57.5		658
1974 XT	1994 03 07.42328	14 38 08.80	+15 35 00.2		658
1974 XT	1994 03 07.42708	14 38 08.75	+15 35 02.0		658
1988 PX_1	1994 03 07.44515	11 42 41.37	+04 21 39.3		658

1988 PX_1	1994 03 07.44722	11 42 41.26	+04 21 40.2		658
1988 PX_1	1994 03 07.44968	11 42 41.12	+04 21 41.4		658
1993 UB	1994 03 05.15696	05 13 57.84	+59 40 12.4		658
1993 UB	1994 03 05.16179	05 13 59.16	+59 40 08.3		658
1993 UB	1994 03 05.16561	05 14 00.12	+59 40 05.9		658
1993 UB	1994 03 07.16530	05 23 31.59	+59 15 38.7		658
1993 UB	1994 03 07.16803	05 23 32.33	+59 15 36.4		658
1993 UB	1994 03 07.17046	05 23 33.03	+59 15 34.4		658
1993 VB	1994 03 06.47082	14 46 13.87	−04 24 09.6		658
1993 VB	1994 03 06.47676	14 46 13.30	−04 24 02.0		658
1993 VB	1994 03 06.48022	14 46 13.01	−04 23 57.6		658
1993 VB	1994 03 07.48093	14 44 45.11	−04 02 55.9		658
1993 VB	1994 03 07.48440	14 44 44.77	−04 02 51.5		658
1993 VB	1994 03 07.48788	14 44 44.40	−04 02 47.1		658
1993 XN_2	1994 03 05.17223	06 06 20.15	+55 29 54.9		658
1993 XN_2	1994 03 05.17569	06 06 20.57	+55 29 52.4		658
1993 XN_2	1994 03 05.17917	06 06 20.99	+55 29 50.4		658
1993 XN_2	1994 03 05.18300	06 06 21.40	+55 29 48.0		658
1994 AB_1	1994 03 05.21147	07 48 58.33	+28 48 52.5	19.0 R	658
1994 AB_1	1994 03 05.21493	07 48 58.48	+28 48 51.0		658
1994 AB_1	1994 03 05.21841	07 48 58.66	+28 48 49.9		658
1994 AB_1	1994 03 05.22328	07 48 58.89	+28 48 48.3		658
1994 AB_1	1994 03 06.24751	07 49 49.91	+28 43 02.2		658
1994 AB_1	1994 03 06.25097	07 49 50.05	+28 43 01.4		658
1994 AB_1	1994 03 06.25480	07 49 50.21	+28 43 00.3		658
1994 AH_2	1994 03 07.15027	03 32 46.04	+10 12 40.8		658
1994 AH_2	1994 03 07.15315	03 32 46.30	+10 12 43.2		658
1994 AH_2	1994 03 07.16073	03 32 46.97	+10 12 49.5		658
1994 CA_1	1994 03 06.25968	08 45 32.75	+12 18 48.3		658
1994 CA_1	1994 03 06.26314	08 45 32.66	+12 18 49.3		658
1994 CA_1	1994 03 06.26765	08 45 32.53	+12 18 50.7		658
1994 CA_1	1994 03 07.26943	08 45 01.72	+12 23 35.4		658
1994 CA_1	1994 03 07.27846	08 45 01.45	+12 23 37.6		658
1994 CA_1	1994 03 07.28784	08 45 01.15	+12 23 40.1		658
1994 CN_2	1994 03 06.38296	09 58 49.79	+14 37 11.7		658
1994 CN_2	1994 03 06.38645	09 58 49.38	+14 37 13.0		658
1994 CN_2	1994 03 06.38990	09 58 49.24	+14 37 14.4		658
(5145)	1994 03 07.33331	10 34 33.34	+25 44 51.6		658
(5145)	1994 03 07.33712	10 34 33.28	+25 44 52.1		658
(5145)	1994 03 07.34407	10 34 33.16	+25 44 52.9		658
(5870)	1994 03 06.40831	13 23 34.88	+14 46 12.5		658
(5870)	1994 03 06.41109	13 23 34.78	+14 46 14.7		658
(5870)	1994 03 06.41389	13 23 34.67	+14 46 16.5		658
(5870)	1994 03 07.36109	13 23 03.13	+14 59 33.4		658
(5870)	1994 03 07.36353	13 23 03.03	+14 59 35.3		658
(5870)	1994 03 07.36597	13 23 02.97	+14 59 37.5		658
(5879)	1994 03 07.17709	05 43 58.92	+21 28 54.1		658
(5879)	1994 03 07.17987	05 43 59.45	+21 29 03.2		658
(5879)	1994 03 07.18262	05 43 59.95	+21 29 11.4		658

671 Stony Ridge

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Observers J. B. Child, J. E. Rogers

Measurer J. B. Child

0.75-m $f/6$ Newtonian reflector + focal reducer + CCD

1992 SQ_2	1994 02 13.44340	11 15 42.44	−00 12 59.5		671
1992 SQ_2	1994 02 13.45260	11 15 42.02	−00 12 57.9		671
1992 SQ_2	1994 02 13.45608	11 15 41.93	−00 12 57.5		671
1994 EF_2	1994 04 05.18361	09 47 10.26	−02 21 52.7		671
1994 EF_2	1994 04 05.19837	09 47 10.79	−02 22 18.5		671
1994 EF_2	1994 04 05.20661	09 47 10.98	−02 22 33.3		671

675 Palomar

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C. Shoemaker, P.O. Box 984, Flagstaff, AZ 86002, U.S.A. (3)

C. J. van Houten, Sterrewacht Leiden, Postbus 9513, NL-2300 RA Leiden, The Netherlands (4)

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9 = 3 + 6

Observers J. Alu (2, S), T. Gehrels (4, L), S. Gill (2, S), E. F. Helin (2, S), D. Holland (2, S), H. E. Holt (3, S), K. Lawrence (2, S), D. H. Levy (3, S), R. Royer (2, S), C. S. Shoemaker (3, S), E. M. Shoemaker (3, S), D. Williams (3, S)

Measurers J. B. Child (2), K. Lawrence (2), M. F. Nordstrand (9), C. J. van Houten (4), I. van Houten-Groeneveld (4), A. Wisse (4)

1954 WF_1	*	1954 11 24.23646	02 04 05.12	+05 12 07.0		6	675
1954 WF_1		1954 11 24.25972	02 04 04.39	+05 11 56.7	18.0	6	675
1970 OF		1994 01 08.33333	07 53 19.26	+25 34 46.1	17.8	9	675
1970 OF		1994 01 08.36510	07 53 17.22	+25 34 47.4		9	675
1975 LR		1994 02 10.35434	09 19 23.45	+30 01 35.2	17.0	9	675
1975 LR		1994 02 10.38940	09 19 21.50	+30 01 44.6		9	675
1975 LR		1994 02 15.30381	09 15 05.36	+30 22 04.3	17.0	9	675
1975 LR		1994 02 15.33993	09 15 03.42	+30 22 12.3		9	675
1977 AL_1		1994 01 08.33333	08 12 42.29	+29 57 14.4	17.5	9	675
1977 AL_1		1994 01 08.36510	08 12 40.36	+29 57 26.1		9	675
1977 RD_2		1994 01 08.33333	07 52 48.91	+25 22 00.2	17.5	9	675
1977 RD_2		1994 01 08.36510	07 52 47.04	+25 22 04.2		9	675
1979 XQ		1994 02 12.25920	08 09 09.08	+26 10 40.5	17.5	9	675
1979 XQ		1994 02 12.29618	08 09 07.05	+26 10 44.1		9	675
1980 RP		1994 02 10.35434	09 07 36.37	+25 37 59.3	18.5	9	675
1980 RP		1994 02 10.38940	09 07 34.31	+25 38 00.8		9	675
1981 EU_8		1994 02 12.25920	07 55 38.84	+25 15 56.5	18.0	9	675
1981 EU_8		1994 02 12.29618	07 55 37.07	+25 15 51.4		9	675
1981 EH_{19}		1994 01 08.33333	08 14 24.43	+25 40 47.4	17.8	9	675
1981 EH_{19}		1994 01 08.36510	08 14 22.16	+25 40 54.7		9	675
1982 SA_4		1994 02 12.25920	08 24 46.19	+27 09 34.2	18.5	9	675
1982 SA_4		1994 02 12.29618	08 24 43.91	+27 09 38.7		9	675
1985 RL_3		1994 02 10.35434	09 00 52.84	+27 03 34.5	17.5	9	675
1985 RL_3		1994 02 10.38940	09 00 50.34	+27 03 46.1		9	675
1985 RL_3		1994 02 15.30381	08 55 34.10	+27 29 22.7	17.5	9	675
1985 RL_3		1994 02 15.33993	08 55 31.77	+27 29 32.1		9	675
1985 UQ		1994 02 12.29618	08 18 12.96	+24 09 38.7		9	675
1986 AH		1994 02 12.25920	07 59 18.14	+24 33 11.7	16.8	9	675

1986 AH	1994 02 12.29618	07 59 16.09	+24 33 52.2		9	675
1986 RD_5	1994 02 12.25920	08 20 29.46	+22 54 40.0	19.0	9	675
1986 RD_5	1994 02 12.29618	08 20 27.93	+22 54 44.0		9	675
1986 TZ_1	1994 02 12.25920	08 20 51.82	+25 45 17.1	17.5	9	675
1986 TZ_1	1994 02 12.29618	08 20 49.66	+25 45 25.6		9	675
1987 SH_7	1994 02 11.21805	08 00 23.98	+07 32 21.0		9	675
1987 SH_7	1994 02 11.26736	08 00 20.38	+07 32 09.6		9	675
1987 WT_1	1994 01 08.33333	07 57 56.25	+22 59 10.1	17.5	9	675
1987 WT_1	1994 01 08.36510	07 57 54.55	+22 59 17.9		9	675
1988 SC	1994 02 10.35434	09 25 26.40	+31 24 12.5	17.2	9	675
1988 SC	1994 02 10.38940	09 25 23.73	+31 24 10.4		9	675
1988 SC	1994 02 15.30381	09 19 34.98	+31 16 05.7	16.8	9	675
1988 SC	1994 02 15.33993	09 19 32.40	+31 16 01.0		9	675
1989 CJ_1	1994 03 09.18299	07 12 29.89	+15 52 10.2	16.5	2	675
1989 CJ_1	1994 03 09.21042	07 12 30.26	+15 52 36.4		2	675
1989 EC	1994 03 11.31424	09 29 04.66	+20 05 07.0	15.5	2	675
1989 EC	1994 03 11.34045	09 29 02.68	+20 04 42.9		2	675
1989 EC_2	1994 01 08.33333	08 23 35.23	+27 37 48.7	17.5	9	675
1989 EC_2	1994 01 08.36510	08 23 33.74	+27 37 55.7		9	675
1989 SL_1	1994 02 12.25920	08 05 38.95	+21 33 02.4	17.0	9	675
1989 SL_1	1994 02 12.29618	08 05 37.04	+21 33 13.6		9	675
1990 BU	1994 02 12.25920	08 02 08.13	+26 15 13.1	17.0	9	675
1990 BU	1994 02 12.29618	08 02 06.23	+26 15 09.3		9	675
1990 BZ	1994 01 08.33333	08 28 51.94	+24 50 10.3	17.5	9	675
1990 BZ	1994 01 08.36510	08 28 49.84	+24 50 04.7		9	675
1990 BH_1	1954 11 24.23646	02 18 36.59	+09 45 49.9		6	675
1990 BH_1	1954 11 24.25972	02 18 35.60	+09 45 48.3	18.2	6	675
1990 BB_2	1994 01 08.33333	08 00 50.35	+24 39 31.1	16.8	9	675
1990 BB_2	1994 01 08.36510	08 00 48.19	+24 39 26.5		9	675
1990 FR	1994 03 09.24688	09 31 13.20	+32 13 01.7	15.0	2	675
1990 FR	1994 03 09.26910	09 31 12.71	+32 13 11.2		2	675
1990 FR	1994 03 10.25000	09 30 56.65	+32 19 26.6		2	675
1991 GR	1994 03 10.19479	06 51 08.73	+42 05 41.8	16.0	2	675
1991 GR	1994 03 10.23125	06 51 09.54	+42 05 25.4		2	675
1991 GR	1994 03 11.16059	06 51 39.81	+41 57 44.9		2	675
1991 GP_{10}	1954 11 24.25972	02 12 40.01	+07 35 10.1	18.5	6	675
1991 JD_1	1994 03 10.28542	09 36 57.78	−01 23 48.1	16.0	2	675
1991 JD_1	1994 03 11.30799	09 36 10.53	−01 17 33.7		2	675
1991 JD_1	1994 03 11.33090	09 36 09.42	−01 17 25.6		2	675
1991 NG	1994 03 10.28542	09 31 17.17	−04 11 42.2	16.0	2	675
1991 NG	1994 03 11.30799	09 30 32.68	−04 07 03.4		2	675
1991 NG	1994 03 11.33090	09 30 31.69	−04 06 56.9		2	675
1991 NQ	1994 03 09.25260	09 29 02.66	−12 52 40.4	16.0	2	675
1991 NQ	1994 03 09.27569	09 29 01.08	−12 52 38.0		2	675
1991 NQ	1994 03 10.24323	09 27 59.59	−12 51 28.2		2	675
1991 RB_{25}	1954 11 24.23646	01 55 28.19	+06 06 54.1		6	675
1991 RB_{25}	1954 11 24.25972	01 55 27.30	+06 06 58.0	17.8	6	675
1992 OG_2	1954 11 24.23646	02 10 13.28	+03 56 40.4		6	675
1992 OG_2	1954 11 24.25972	02 10 12.50	+03 56 38.9	17.2	6	675
1992 RZ_5	1994 01 08.33333	08 12 07.17	+23 00 17.8	17.0	9	675
1992 RZ_5	1994 01 08.36510	08 12 05.27	+23 00 26.4		9	675
1992 SN_1	1994 03 09.37865	11 31 35.85	+13 18 29.9	16.5	2	675
1992 SN_1	1994 03 09.40191	11 31 34.31	+13 18 32.3		2	675
1992 SN_1	1994 03 10.35920	11 30 33.25	+13 20 22.7		2	675
1992 SQ_2	1990 04 15.17326	10 01 52.76	+07 57 58.2		2	675
1992 SQ_2	1994 03 09.32899	10 55 31.02	+01 55 58.9	17.2	2	675
1992 SQ_2	1994 03 09.35000	10 55 29.85	+01 56 05.4		2	675
1992 SQ_2	1994 03 11.32431	10 53 45.59	+02 08 22.9		2	675
1992 SQ_2	1994 03 11.34744	10 53 44.34	+02 08 35.5		2	675
1993 GY	1954 11 24.23646	02 13 10.17	+04 20 01.5		6	675
1993 GY	1954 11 24.25972	02 13 09.10	+04 20 05.4	18.0	6	675
1993 TN_{39}	* 1993 10 12.16771	22 42 36.29	+04 13 02.9	16.8	9	675
1993 TN_{39}	1993 10 12.21788	22 42 34.98	+04 12 52.5		9	675
1993 TN_{39}	1993 10 14.18767	22 41 54.05	+04 07 04.6	17.5	9	675
1993 TN_{39}	1993 10 14.22431	22 41 53.27	+04 06 58.1		9	675
1993 TO_{39}	* 1993 10 12.16771	22 46 54.25	+03 00 46.3	17.5	9	675
1993 TO_{39}	1993 10 12.21788	22 46 52.64	+03 00 41.7		9	675
1993 TO_{39}	1993 10 14.18767	22 45 56.32	+02 57 19.1	17.2	9	675
1993 TO_{39}	1993 10 14.22431	22 45 55.25	+02 57 15.7		9	675
1993 TP_{39}	* 1993 10 12.16771	22 58 51.71	+06 16 14.9	17.0	9	675
1993 TP_{39}	1993 10 12.21788	22 58 50.04	+06 16 04.0		9	675
1993 TP_{39}	1993 10 14.18767	22 57 52.72	+06 08 41.9	17.0	9	675
1993 TP_{39}	1993 10 14.22431	22 57 51.66	+06 08 34.1		9	675
1993 TQ_{39}	* 1993 10 12.16771	23 00 50.07	+06 25 13.2	16.0	9	675
1993 TQ_{39}	1993 10 12.21788	23 00 49.11	+06 25 06.0		9	675
1993 TQ_{39}	1993 10 14.18767	23 00 17.79	+06 20 28.5	16.0	9	675
1993 TQ_{39}	1993 10 14.22431	23 00 17.18	+06 20 23.1		9	675
1993 TR_{39}	* 1993 10 12.16771	23 05 58.58	+06 35 34.2	17.2	9	675
1993 TR_{39}	1993 10 12.21788	23 05 57.11	+06 35 13.4		9	675
1993 TR_{39}	1993 10 14.18767	23 05 06.59	+06 21 24.3	17.0	9	675
1993 TR_{39}	1993 10 14.22431	23 05 05.60	+06 21 09.0		9	675
1993 TS_{39}	* 1993 10 12.16771	23 06 32.71	+03 45 32.3	16.5	9	675
1993 TS_{39}	1993 10 12.21788	23 06 31.74	+03 45 09.8		9	675
1993 TS_{39}	1993 10 14.18767	23 06 03.33	+03 31 23.0	16.2	9	675
1993 TS_{39}	1993 10 14.22431	23 06 02.82	+03 31 08.0		9	675
1993 UB_3	1993 10 12.16771	22 46 17.41	+01 04 41.1		9	675
1993 UB_3	1993 10 12.21788	22 46 16.31	+01 04 22.6		9	675
1993 UB_3	1993 10 14.18767	22 45 42.22	+00 52 26.3		9	675
1993 UB_3	1993 10 14.22431	22 45 41.49	+00 52 11.9		9	675
1994 AO	1954 12 05.46076	08 14 32.03	−01 52 57.0		6	675
1994 AO	1954 12 05.48403	08 14 31.77	−01 53 04.3		6	675
1994 AP_1	1994 02 12.25920	08 16 04.67	+23 55 36.7	16.2	9	675
1994 AP_1	1994 02 12.29618	08 16 02.41	+23 55 20.7		9	675
1994 AW_1	1994 01 08.33333	07 53 13.60	+24 47 03.5		9	675
1994 AW_1	1994 01 08.36510	07 53 01.49	+24 43 49.0		9	675
1994 AE_2	1994 02 12.25920	07 52 24.39	+25 55 27.5	17.2	9	675
1994 AE_2	1994 02 12.29618	07 52 22.15	+25 55 42.5		9	675
1994 AF_2	1994 02 12.25920	08 03 11.81	+27 18 00.6	17.8	9	675
1994 AF_2	1994 02 12.29618	08 03 10.30	+27 18 12.8		9	675
1994 AA_4	1994 01 08.33333	08 02 37.06	+23 25 32.1	17.8	9	675
1994 AA_4	1994 01 08.36510	08 02 35.50	+23 25 45.6		9	675
1994 AC_8	1994 02 12.25920	08 17 15.74	+24 04 22.7	18.8	9	675
1994 AC_8	1994 02 12.29618	08 17 13.55	+24 04 33.6		9	675
1994 AE_{11}	1971 04 16.21476	12 31 04.84	+03 55 54.5	20.0	4	675

1994 AE_{11}		1971 04 16.27708	12 31 01.61	+03 56 05.4		4	675
1994 BL_4		1994 02 12.25920	08 02 51.71	+27 44 35.1	18.0	9	675
1994 BL_4		1994 02 12.29618	08 02 49.85	+27 44 20.0		9	675
1994 CA		1994 02 10.35434	09 14 04.36	+29 15 19.6	16.8	9	675
1994 CA		1994 02 10.38940	09 14 00.27	+29 14 59.3		9	675
1994 CA		1994 02 15.30381	09 05 18.39	+28 25 35.9	16.8	9	675
1994 CA		1994 02 15.33993	09 05 14.56	+28 25 12.4		9	675
1994 CN		1994 02 10.35434	09 20 32.48	+30 56 47.6	18.5	9	675
1994 CN		1994 02 10.38940	09 20 30.36	+30 56 53.4		9	675
1994 CN		1994 02 15.30381	09 15 58.24	+31 09 58.8	18.0	9	675
1994 CN		1994 02 15.33993	09 15 56.29	+31 10 02.5		9	675
1994 CP_1		1994 03 09.34479	11 11 04.04	+14 34 53.7	15.5	2	675
1994 CP_1		1994 03 09.36580	11 11 02.77	+14 34 59.7		2	675
1994 CP_1		1994 03 10.33611	11 10 07.49	+14 40 03.4		2	675
1994 CC_2		1994 03 06.32778	10 48 14.66	+12 20 48.6	16.0	2	675
1994 CC_2		1994 03 06.35052	10 48 13.89	+12 21 19.2		2	675
1994 CC_2		1994 03 08.31111	10 47 06.16	+13 02 49.7		2	675
1994 CC_2		1994 03 08.34670	10 47 04.84	+13 03 35.2		2	675
1994 EV_1	*	1994 03 09.38420	11 43 51.95	+17 33 19.2	16.0	2	675
1994 EV_1		1994 03 09.40729	11 43 50.92	+17 33 54.4		2	675
1994 EV_1		1994 03 10.39844	11 43 10.41	+17 58 40.3		2	675
1994 EW_1	*	1994 03 09.29878	10 59 05.57	+15 39 02.4	16.5	2	675
1994 EW_1		1994 03 09.32344	10 59 02.58	+15 38 40.5		2	675
1994 EW_1		1994 03 10.33056	10 57 16.77	+15 24 18.4		2	675
1994 EX_1	*	1994 03 09.42431	12 17 10.21	−10 49 02.0	16.5	2	675
1994 EX_1		1994 03 09.44670	12 17 09.36	−10 48 32.1		2	675
1994 EX_1		1994 03 11.43038	12 15 53.76	−10 03 24.5		2	675
1994 EX_1		1994 03 11.46389	12 15 52.43	−10 02 36.9		2	675
1994 EA_2		1994 03 06.37587	11 05 41.77	−01 26 09.4	16.5	2	675
1994 EA_2		1994 03 06.40608	11 05 41.01	−01 25 39.3		2	675
1994 EA_2	*	1994 03 09.32899	11 04 40.51	−00 38 25.4	16.0	2	675
1994 EA_2		1994 03 09.33455	11 04 40.49	−00 38 21.1		2	675
1994 EA_2		1994 03 09.35000	11 04 39.97	−00 38 04.8		2	675
1994 EA_2		1994 03 09.35538	11 04 39.97	−00 38 00.4		2	675
1994 EA_2		1994 03 11.32431	11 04 00.78	−00 05 46.3		2	675
1994 EA_2		1994 03 11.34744	11 04 00.08	−00 05 24.3		2	675
1994 EB_2	*	1994 03 06.33785	11 42 29.04	+30 33 02.6	15.5	2	675
1994 EB_2		1994 03 06.36198	11 42 28.31	+30 33 32.6		2	675
1994 EB_2		1994 03 08.31684	11 41 27.44	+31 17 06.2		2	675
1994 EB_2		1994 03 08.35208	11 41 26.19	+31 17 52.5		2	675
1994 EF_2	*	1994 03 11.31424	09 45 23.29	+18 24 15.3	16.5	2	675
1994 EF_2		1994 03 11.34045	09 45 21.79	+18 22 07.0		2	675
1994 EL_2	*	1994 03 08.42604	12 09 20.95	+02 26 40.0	16.0	2	675
1994 EL_2		1994 03 08.46024	12 09 18.87	+02 26 34.9		2	675
1994 EL_2		1994 03 10.42708	12 07 17.51	+02 21 58.9		2	675
1994 EL_2		1994 03 10.46215	12 07 15.32	+02 21 55.3		2	675
1994 EM_2	*	1994 03 08.42604	12 16 41.94	+00 01 56.6	16.5	2	675
1994 EM_2		1994 03 08.46024	12 16 40.35	+00 02 13.9		2	675
1994 EM_2		1994 03 10.42708	12 15 24.28	+00 19 40.0		2	675
1994 EM_2		1994 03 10.46215	12 15 22.77	+00 20 01.1		2	675
1994 EN_2	*	1994 03 09.32899	10 55 21.86	+02 04 01.9	17.0	2	675
1994 EN_2		1994 03 09.35000	10 55 20.70	+02 04 08.9		2	675
1994 EN_2		1994 03 11.32431	10 53 28.69	+02 15 22.3		2	675
1994 EN_2		1994 03 11.34774	10 53 27.16	+02 15 31.5		2	675
1994 EO_2	*	1994 03 09.43021	12 32 00.68	+01 30 53.4	16.0	2	675
1994 EO_2		1994 03 09.45243	12 31 58.63	+01 30 48.5		2	675
1994 EO_2		1994 03 10.42708	12 30 34.55	+01 27 02.5		2	675
1994 EO_2		1994 03 10.46215	12 30 31.49	+01 26 54.9		2	675
1994 ET_3	*	1994 03 10.50278	12 56 09.70	+09 33 25.4	17.0	2	675
1994 ET_3		1994 03 11.43646	12 55 31.97	+09 53 11.1		2	675
1994 ET_3		1994 03 11.46979	12 55 30.62	+09 53 50.6		2	675
1994 EU_3	*	1994 03 10.50278	13 07 43.33	+13 26 13.2	16.5	2	675
1994 EU_3		1994 03 11.43646	13 06 23.47	+13 24 03.6		2	675
1994 EU_3		1994 03 11.46979	13 06 20.55	+13 23 57.5		2	675
1994 EX_3	*	1994 03 09.34479	11 35 33.58	+18 44 09.8	16.0	2	675
1994 EX_3		1994 03 09.36580	11 35 32.64	+18 44 25.2		2	675
1994 EX_3		1994 03 10.33611	11 34 53.90	+18 56 29.3		2	675
1994 EP_5	*	1994 03 10.35347	11 47 36.34	−00 08 51.7	16.0	2	675
1994 EP_5		1994 03 10.38576	11 47 34.78	−00 08 30.5		2	675
1994 EP_5		1994 03 11.40712	11 46 50.33	+00 02 34.9		2	675
1994 EQ_5	*	1994 03 10.35347	11 54 27.18	−01 21 38.9	17.0	2	675
1994 EQ_5		1994 03 10.38576	11 54 25.61	−01 21 22.4		2	675
1994 EQ_5		1994 03 11.40712	11 53 33.70	−01 12 38.3		2	675
1994 EN_7	*	1994 03 06.38281	11 25 23.02	+04 12 14.7	16.0	2	675
1994 EN_7		1994 03 06.41319	11 25 21.69	+04 12 29.7		2	675
1994 EN_7		1994 03 09.33958	11 23 05.20	+04 36 52.1		2	675
1994 EN_7		1994 03 09.36059	11 23 04.34	+04 37 02.4		2	675
3513 P-L	*	1960 10 17.17917	00 22 14.18	+18 14 16.6	17.8	4	675
3513 P-L		1960 10 17.23681	00 22 11.20	+18 13 58.6		4	675
3513 P-L		1960 10 17.33750	00 22 05.80	+18 13 25.7		4	675
3513 P-L		1960 10 22.17778	00 18 17.95	+17 46 16.3		4	675
3513 P-L		1960 10 22.29097	00 18 12.80	+17 45 37.5		4	675
3513 P-L		1960 10 24.21256	00 16 50.84	+17 34 31.9		4	675
3513 P-L		1960 10 25.20486	00 16 10.65	+17 28 46.1		4	675
3513 P-L		1960 10 25.32778	00 16 05.40	+17 28 02.9		4	675
3513 P-L		1960 10 26.28264	00 15 28.36	+17 22 28.9		4	675
6055 P-L		1994 01 08.33333	08 15 41.09	+21 41 53.7	18.2	9	675
6055 P-L		1994 01 08.36510	08 15 38.87	+21 41 58.7		9	675
2080 T-2		1973 09 24.36181	00 31 34.67	+07 23 58.9		4	675
2080 T-2		1973 09 24.42847	00 31 31.05	+07 23 30.7		4	675
2080 T-2		1973 09 25.25642	00 30 48.46	+07 17 48.0		4	675
2080 T-2		1973 09 25.32031	00 30 44.90	+07 17 21.9		4	675
2080 T-2		1973 09 29.26632	00 27 17.42	+06 49 28.1		4	675
2080 T-2	*	1973 09 29.33073	00 27 13.91	+06 48 59.9	17.9	4	675
2080 T-2		1973 09 30.22257	00 26 26.78	+06 42 30.2		4	675
2080 T-2		1973 09 30.28785	00 26 23.23	+06 42 02.5		4	675
2080 T-2		1973 10 04.30208	00 22 50.78	+06 12 31.2		4	675
2080 T-2		1973 10 04.36476	00 22 47.31	+06 12 03.1		4	675
2080 T-2		1973 10 05.32917	00 21 56.79	+06 04 53.3		4	675
2080 T-2		1973 10 05.39132	00 21 53.37	+06 04 25.0		4	675
2084 T-2		1973 09 19.19948	00 36 46.00	+06 55 45.4		4	675
2084 T-2		1973 09 19.25006	00 36 43.30	+06 54 48.3		4	675
2084 T-2		1973 09 20.26458	00 35 53.67	+06 35 12.2		4	675
2084 T-2		1973 09 24.36181	00 32 24.41	+05 14 04.1		4	675

2084 T-2	1973 09 24.42847	00 32 20.77	+05 12 43.0		4	675
2084 T-2	1973 09 25.25642	00 31 37.57	+04 55 58.2		4	675
2084 T-2	1973 09 25.32031	00 31 33.92	+04 54 39.7		4	675
2084 T-2	1973 09 29.26632	00 28 02.96	+03 33 45.5		4	675
2084 T-2	* 1973 09 29.33073	00 27 59.32	+03 32 25.1	18.4	4	675
2084 T-2	1973 09 30.22257	00 27 11.42	+03 13 59.8		4	675
2084 T-2	1973 09 30.28785	00 27 07.66	+03 12 38.5		4	675
2084 T-2	1973 10 04.30208	00 23 31.98	+01 49 41.3		4	675
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3476 T-3	1977 10 12.28681	01 11 19.03	+04 24 08.4		4	675
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3476 T-3	1977 10 21.45799	01 02 43.22	+03 38 21.5		4	675
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689 U.S. Naval Observatory, Flagstaff Station
E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff AZ 86001, U.S.A.
Observers A. K. B. Monet, R. C. Stone
0.20-m transit telescope + CCD
GSC

1981 RG_5	1994 02 13.36933	10 57 47.44	+15 04 26.1	17.4 V	689
1982 BE_1	1994 02 20.15201	06 11 38.19	+20 51 01.0		689
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1982 DK	1994 02 07.16043	05 32 33.11	+25 13 43.1		689
1982 FN	1994 03 03.24802	09 13 33.80	−06 33 12.3		689
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(2912)	1994 02 20.33202	10 31 31.61	+19 16 54.9		689
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(3296)	1994 02 13.21269	07 11 39.03	+24 46 48.1		689
(3296)	1994 02 20.19190	07 09 14.37	+25 18 23.4		689
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(3325)	1994 02 20.24349	08 23 47.12	+50 03 46.9		689
(3325)	1994 03 03.20838	08 16 27.35	+49 19 12.5		689
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(3416)	1994 03 14.33713	12 05 37.03	+19 51 55.0		689
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(3584)	1994 03 02.17947	07 30 42.21	+21 49 01.2		689
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(3589)	1994 03 03.16045	07 07 11.26	+24 23 06.7		689
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(3635)	1994 02 13.11188	04 46 02.43	−00 58 10.2	17.8 V	689
(3674)	1994 03 14.35285	12 28 18.84	−34 13 12.9		689
(3776)	1994 02 13.20206	06 56 26.60	+57 29 57.2		689
(3776)	1994 03 02.15193	06 51 04.34	+55 40 37.0		689
(3800)	1994 02 13.25964	08 19 29.04	+43 56 43.7	16.3 V	689
(3803)	1994 02 13.35136	10 31 49.09	−11 26 47.3	15.6 V	689
(3820)	1994 03 02.14038	06 34 16.74	+28 26 07.7		689
(3820)	1994 03 03.13780	06 34 30.21	+28 22 03.4		689
(3820)	1994 03 14.11059	06 38 35.24	+27 37 39.4		689
(4142)	1994 03 02.42414	13 23 53.77	+51 50 54.4		689
(4434)	1994 02 13.17053	06 10 46.21	+16 41 55.9	17.2 V	689
(4452)	1994 02 13.18909	06 37 36.80	+33 07 20.2	16.0 V	689
(4452)	1994 03 02.14420	06 39 48.34	+30 30 42.9		689
(4515)	1994 03 14.41689	14 00 47.97	−14 20 33.3		689
(4532)	1994 03 02.11648	05 59 43.89	+11 26 47.6		689
(4792)	1994 03 02.33537	11 15 46.70	+16 47 27.7		689
(4954)	1994 02 20.35919	11 10 44.99	+22 37 59.5		689
(5157)	1994 03 14.43715	14 30 03.45	−15 03 47.7		689
(5349)	1994 03 02.36413	11 57 17.65	+17 20 59.1		689
(5349)	1994 03 03.36012	11 55 27.21	+17 13 18.7		689
(5626)	1994 03 02.24895	09 11 00.36	+12 58 27.2		689
(5817)	1994 03 02.20404	08 06 12.69	+35 51 12.7		689

691 Kitt Peak, Steward Observatory

T. Gehrels, Space Sciences Building, University of Arizona, Tucson, AZ 85721, U.S.A.

Observers T. Gehrels, R. Jedicke, D. L. Rabinowitz, J. V. Scotti

0.91-m Spacewatch telescope

GSC

1977 DQ_3	1994 03 04.27795	11 41 30.99	+05 15 51.6		691
1977 DQ_3	1994 03 04.30999	11 41 29.52	+05 16 00.2	18.0 V	691
1977 DQ_3	1994 03 04.34232	11 41 28.04	+05 16 09.8		691
1977 DQ_3	1994 03 10.24376	11 37 01.97	+05 44 21.9	18.0 V	691
1977 DQ_3	1994 03 10.37504	11 36 55.82	+05 44 59.4		691
1977 RQ_{19}	1994 03 06.40561	11 19 51.90	+05 08 19.3	18.4 V	691
1977 RQ_{19}	1994 03 06.42915	11 19 50.56	+05 08 29.8		691
1977 RQ_{19}	1994 03 06.45285	11 19 49.25	+05 08 39.6		691
1977 RQ_{19}	1994 03 10.22786	11 16 23.10	+05 35 37.3		691
1977 RQ_{19}	1994 03 10.36024	11 16 15.61	+05 36 33.5	17.8 V	691
1978 VK_8	1994 03 05.34182	11 06 19.45	+09 16 36.9		691
1978 VK_8	1994 03 05.36537	11 06 18.21	+09 16 44.2	17.8 V	691
1978 VK_8	1994 03 05.38912	11 06 16.97	+09 16 51.5		691
1979 MZ_2	1994 03 05.42151	11 26 00.76	+04 38 22.8	16.5 V	691
1979 MZ_2	1994 03 05.44501	11 25 59.50	+04 38 32.1		691
1979 MZ_2	1994 03 05.46864	11 25 58.25	+04 38 41.6		691
1979 MZ_2	1994 03 06.40929	11 25 10.07	+04 45 00.9	16.2 V	691
1979 MZ_2	1994 03 06.43283	11 25 08.82	+04 45 10.5		691
1979 MZ_2	1994 03 06.45652	11 25 07.56	+04 45 20.0		691
1979 TS_2	1994 03 07.28813	11 06 09.00	+02 33 05.5		691
1979 TS_2	1994 03 07.31152	11 06 07.79	+02 33 15.2	16.3 V	691
1979 TS_2	1994 03 07.33472	11 06 06.58	+02 33 24.5		691
1981 EQ_{24}	1994 03 09.23477	10 13 42.36	+05 49 04.2	17.9 V	691
1981 EQ_{24}	1994 03 09.34957	10 13 35.60	+05 49 57.0		691
1981 EA_{42}	1994 03 18.32343	10 52 11.89	+05 55 44.2		691
1981 EA_{42}	1994 03 18.34572	10 52 10.73	+05 55 56.5	18.8 V	691
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1981 SN_1	1994 03 06.24220	10 45 36.07	+08 46 34.9	19.4 V	691
1981 SN_1	1994 03 06.26611	10 45 34.96	+08 46 43.3		691
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1981 UQ_{29}	1994 01 07.27540	07 30 38.29	+20 18 52.0		691
1981 UQ_{29}	1994 01 07.31864	07 30 35.41	+20 18 54.9	15.5 V	691
1981 UQ_{29}	1994 01 07.36113	07 30 32.57	+20 18 58.7		691
1982 UQ_6	1994 03 05.40505	11 02 14.21	+04 29 44.7		691
1982 UQ_6	1994 03 05.42854	11 02 13.04	+04 29 52.2	16.6 V	691
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1985 SL_3	1994 03 07.18711	10 50 13.17	+02 08 25.6	18.2 V	691
1985 SL_3	1994 03 07.21052	10 50 11.70	+02 08 33.2		691
1985 SL_3	1994 03 07.23387	10 50 10.21	+02 08 39.9		691
1985 SL_3	1994 03 08.35533	10 49 01.65	+02 14 04.3		691
1985 SL_3	1994 03 08.36329	10 49 01.15	+02 14 06.2	18.0 V	691
1985 SL_3	1994 03 08.37115	10 49 00.67	+02 14 08.9		691
1988 RH_{12}	1994 03 06.39926	11 10 41.27	+04 55 37.8		691
1988 RH_{12}	1994 03 06.42281	11 10 40.63	+04 55 42.8	19.8 V	691
1988 RH_{12}	1994 03 06.44651	11 10 40.00	+04 55 48.0		691
1988 RH_{12}	1994 03 11.30220	11 08 29.68	+05 13 34.7		691
1988 RH_{12}	1994 03 11.31550	11 08 29.31	+05 13 37.7		691
1988 RH_{12}	1994 03 11.32899	11 08 28.88	+05 13 40.5	19.6 V	691
1988 TD	1994 03 09.26069	10 42 01.11	+06 09 27.5	18.1 V	691
1988 TD	1994 03 09.36545	10 41 55.30	+06 10 01.1		691
1989 AL_7	1994 02 10.44539	10 08 27.21	+11 14 51.3	17.0 V	691
1989 AL_7	1994 02 10.47159	10 08 25.94	+11 15 00.3		691
1989 CL_3	1994 03 16.19860	10 33 39.14	−01 14 11.5	17.3 V	691
1989 CL_3	1994 03 16.26440	10 33 36.19	−01 13 48.3		691
1989 CL_3	1994 03 16.33034	10 33 33.26	−01 13 25.3		691
1989 TO	1994 02 15.42950	11 07 59.42	+10 08 33.5	15.2 V	691
1989 TO	1994 02 15.46202	11 07 56.30	+10 08 20.0		691
1989 TO	1994 02 15.51441	11 07 51.30	+10 07 58.0		691
1989 UE	1993 12 14.43453	08 51 03.38	+21 12 15.9		691
1989 UE	1993 12 14.47066	08 51 02.78	+21 12 23.1	17.7 V	691
1989 UE	1993 12 14.50995	08 51 02.17	+21 12 31.3		691
1989 WH_4	1994 03 05.19431	10 34 36.09	+13 02 09.5	16.5 V	691
1989 WH_4	1994 03 05.21845	10 34 34.77	+13 02 20.7		691
1989 WH_4	1994 03 05.24239	10 34 33.30	+13 02 31.6		691
1989 YH_1	1994 03 16.36344	11 53 56.21	−01 13 43.1	15.6 V	691
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1990 BE_2	1992 09 23.24948	23 46 30.15	−02 21 24.1	17.7 V		691
1990 BE_2	1992 09 23.26763	23 46 28.99	−02 21 29.3			691
1990 BE_2	1992 09 23.29181	23 46 27.51	−02 21 35.9			691
1991 RW_4	1994 03 13.28320	11 46 39.68	+03 14 08.5	17.4 V		691
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1991 SF	1991 09 17.31916	23 07 53.82	−09 56 48.7	18.0 V		691
1991 SF	1991 09 17.32957	23 07 53.33	−09 56 51.3			691
1992 GA_8	* 1992 04 05.33104	13 19 26.16	−07 11 00.4	18.2 V		691
1992 GA_8	1992 04 05.35190	13 19 24.92	−07 10 52.8			691
1992 GA_8	1992 04 05.37199	13 19 23.74	−07 10 46.6			691
1992 PA_2	1994 03 06.14283	09 11 03.70	+13 17 08.3	19.9 V		691
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1992 UB_2	1994 03 11.30611	11 25 46.97	+05 17 21.5	17.2 V		691
1992 UB_2	1994 03 11.31927	11 25 46.20	+05 17 27.6			691
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1993 QU_4	1993 09 10.24577	23 27 17.75	−07 00 35.1			691
1993 QU_4	1993 09 10.27963	23 27 16.15	−07 00 57.3	16.9 V		691
1993 QU_4	1993 09 10.31648	23 27 14.42	−07 01 22.2			691
1993 QP_6	1993 09 10.23584	23 12 57.61	−06 45 58.3			691
1993 QP_6	1993 09 10.26970	23 12 56.16	−06 46 13.8			691
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1993 QF_7	1993 09 10.23271	23 08 26.36	−06 46 30.1	17.9 V		691
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1993 QH_7	1993 09 10.23620	23 13 28.18	−07 08 36.9	17.6 V		691
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1994 CW_2	1994 02 10.37424	09 23 51.31	+10 53 53.8			691
1994 CW_2	1994 03 07.12027	09 04 03.61	+13 09 27.8			691
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1994 CW_2	1994 03 07.15930	09 04 02.45	+13 09 38.1			691
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1994 CE_4	1994 01 16.50181	10 20 20.97	+08 48 52.4			691
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1994 CX_5	1994 03 06.13196	09 22 25.35	+13 30 31.0			691
1994 CX_5	1994 03 06.17024	09 22 23.63	+13 30 38.2	20.5 V		691
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1994 CF_6	1994 03 04.23294	10 01 13.14	+14 17 49.7	18.7 V		691
1994 CF_6	1994 03 04.24116	10 01 12.80	+14 17 53.7			691
1994 CG_6	1994 03 04.22396	10 00 02.38	+14 28 08.2			691
1994 CG_6	1994 03 04.23212	10 00 01.96	+14 28 12.6	19.1 V		691
1994 CG_6	1994 03 04.24034	10 00 01.56	+14 28 16.7			691
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1994 CS_8	1993 11 20.45151	09 19 45.92	+16 26 06.6	18.1 V		691
1994 CS_8	1993 11 20.48488	09 19 46.31	+16 26 06.9			691
1994 CS_8	1994 01 12.31818	09 12 31.30	+17 47 24.2			691
1994 CS_8	1994 01 12.35135	09 12 30.31	+17 47 29.8	17.5 V		691
1994 CS_8	1994 01 12.38452	09 12 29.45	+17 47 35.3			691
1994 CV_8	1994 01 12.32927	09 28 31.76	+17 46 33.6	17.5 V		691
1994 CV_8	1994 01 12.36244	09 28 30.10	+17 46 36.4			691
1994 CA_9	1994 01 09.34468	09 31 36.51	+16 04 59.9			691
1994 CA_9	1994 01 09.37812	09 31 35.38	+16 05 05.5	19.1 V		691
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1994 EK	1994 03 12.24586	10 44 25.57	+02 17 13.3			691

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1994 EK		1994 03 12.25888	10 44 24.51	+02 17 13.9			691
1994 EK		1994 03 18.26850	10 38 23.45	+02 21 33.9	19.9	V	691
1994 EK		1994 03 18.28519	10 38 22.57	+02 21 34.2	19.7	V	691
1994 EK		1994 03 18.30152	10 38 21.67	+02 21 35.0	19.7	V	691
1994 ES		1994 02 16.20412	09 30 42.79	+12 00 06.7			691
1994 ES		1994 02 16.23696	09 30 40.83	+12 00 34.4	18.7	V	691
1994 ES		1994 02 16.26972	09 30 38.89	+12 01 00.7			691
1994 EU	*	1994 03 10.39229	12 01 49.64	+05 39 01.3	19.3	V	691
1994 EU		1994 03 10.41674	12 01 48.39	+05 33 17.4	19.3	V	691
1994 EU		1994 03 10.42896	12 01 47.85	+05 30 26.9	19.3	V	691
1994 EU		1994 03 10.47437	12 01 46.24	+05 19 48.4	19.3	V	691
1994 EU		1994 03 11.25434	12 02 23.70	+02 25 46.8			691
1994 EU		1994 03 11.26581	12 02 23.14	+02 23 20.6			691
1994 EU		1994 03 11.28427	12 02 22.26	+02 19 25.2			691
1994 EU		1994 03 12.27285	12 02 44.74	−01 00 42.1			691
1994 EU		1994 03 12.27864	12 02 44.51	−01 01 51.5			691
1994 EU		1994 03 14.43853	12 03 09.68	−07 09 47.5	20.5	V	691
1994 EV	*	1994 03 10.23744	11 27 54.87	+05 16 31.0	19.5	V	691
1994 EV		1994 03 10.36869	11 27 45.63	+05 17 15.6	19.6	V	691
1994 EV		1994 03 11.30675	11 26 41.74	+05 22 31.1	19.2	V	691
1994 EV		1994 03 11.31990	11 26 40.82	+05 22 35.1	19.3	V	691
1994 EV		1994 03 11.33341	11 26 39.84	+05 22 39.8	19.3	V	691
1994 EW		1994 03 06.39923	11 10 39.29	+04 48 56.7			691
1994 EW		1994 03 06.42277	11 10 37.76	+04 49 06.3	20.1	V	691
1994 EW		1994 03 06.44646	11 10 36.15	+04 49 15.3			691
1994 EW	*	1994 03 10.22108	11 06 35.37	+05 14 35.2	20.0	V	691
1994 EW		1994 03 10.35344	11 06 26.57	+05 15 27.9	19.7	V	691
1994 EW		1994 03 11.30008	11 05 26.16	+05 21 47.8	20.0	V	691
1994 EW		1994 03 11.31338	11 05 25.31	+05 21 54.1	20.4	V	691
1994 EW		1994 03 11.32686	11 05 24.41	+05 21 59.7	20.1	V	691
1994 EW		1994 03 18.32731	10 58 05.62	+06 07 50.9	20.7	V	691
1994 EW		1994 03 18.34960	10 58 04.27	+06 07 59.3			691
1994 EW		1994 03 18.38019	10 58 02.32	+06 08 11.0			691
1994 EC_1		1994 03 04.27269	11 33 55.21	+05 26 11.4	16.1	V	691
1994 EC_1		1994 03 04.30473	11 33 53.52	+05 26 28.8			691
1994 EC_1		1994 03 04.33705	11 33 51.76	+05 26 46.9			691
1994 ES_1	*	1994 03 14.27308	11 43 28.22	+01 30 45.7	20.0	V	691
1994 ES_1		1994 03 14.33138	11 42 34.44	+01 29 49.2	20.6	V	691
1994 ES_1		1994 03 14.39889	11 41 26.44	+01 28 34.6	20.0	V	691
1994 ES_1		1994 03 14.44752	11 40 35.27	+01 27 34.5	20.4	V	691
1994 ES_1		1994 03 14.45437	11 40 27.80	+01 27 25.3	19.8	V	691
1994 ES_1		1994 03 15.23838	11 11 00.42	+00 44 42.6	17.4	V	691
1994 ES_1		1994 03 15.24597	11 10 10.17	+00 43 38.3	17.3	V	691
1994 ES_1		1994 03 15.25465	11 09 10.67	+00 42 20.1	17.5	V	691
1994 ES_1		1994 03 15.31209	11 01 34.18	+00 32 23.7	17.0	V I	691
1994 ES_1		1994 03 15.36829	10 51 55.46	+00 19 38.4	16.7	V	691
1994 ES_1		1994 03 15.41175	10 42 22.37	+00 06 50.9	16.8	V	691
1994 ES_1		1994 03 15.42116	10 40 00.19	+00 03 38.1	16.6	V	691
1994 ES_1		1994 03 15.42893	10 37 56.46	+00 00 51.4	16.7	V	691
1994 EY_3	*	1994 03 04.22672	10 04 00.88	+14 30 50.2			691
1994 EY_3		1994 03 04.23487	10 04 00.49	+14 30 52.5	19.3	V	691
1994 EY_3		1994 03 04.24310	10 04 00.11	+14 30 54.9			691
1994 EY_3		1994 03 08.13734	10 01 08.31	+14 51 21.1			691
1994 EY_3		1994 03 08.14534	10 01 07.97	+14 51 23.9	18.9	V	691
1994 EY_3		1994 03 08.15391	10 01 07.57	+14 51 26.2			691
1994 EZ_3	*	1994 03 04.22693	10 04 18.99	+14 24 24.3	19.3	V	691
1994 EZ_3		1994 03 04.23508	10 04 18.60	+14 24 27.1			691
1994 EZ_3		1994 03 04.24330	10 04 18.13	+14 24 30.1			691
1994 EZ_3		1994 03 08.13730	10 01 04.71	+14 49 13.0	20.1	V	691
1994 EZ_3		1994 03 08.14530	10 01 04.33	+14 49 15.8			691
1994 EZ_3		1994 03 08.15387	10 01 03.88	+14 49 18.1			691
1994 EA_4	*	1994 03 04.22708	10 04 32.06	+14 26 18.0	18.2	V	691
1994 EA_4		1994 03 04.23523	10 04 31.68	+14 26 20.0			691
1994 EA_4		1994 03 04.24346	10 04 31.30	+14 26 22.1			691
1994 EA_4		1994 03 08.13770	10 01 39.78	+14 43 17.5	18.3	V	691
1994 EA_4		1994 03 08.14571	10 01 39.43	+14 43 19.8			691
1994 EA_4		1994 03 08.15427	10 01 39.04	+14 43 21.9			691
1994 EB_4	*	1994 03 04.22718	10 04 41.23	+14 32 00.0	20.4	V	691
1994 EB_4		1994 03 04.23534	10 04 40.75	+14 32 03.7			691
1994 EB_4		1994 03 04.24356	10 04 40.30	+14 32 06.7			691
1994 EB_4		1994 03 08.13758	10 01 29.37	+14 56 49.9	19.9	V	691
1994 EB_4		1994 03 08.14558	10 01 28.98	+14 56 53.1			691
1994 EB_4		1994 03 08.15415	10 01 28.58	+14 56 55.7			691
1994 EC_4	*	1994 03 04.25455	11 07 43.58	+05 22 34.5			691
1994 EC_4		1994 03 04.28658	11 07 41.61	+05 22 43.6			691
1994 EC_4		1994 03 04.31890	11 07 39.60	+05 22 51.5	20.1	V	691
1994 EC_4		1994 03 18.32471	10 54 20.76	+06 17 55.8	20.4	V	691
1994 EC_4		1994 03 18.34700	10 54 19.55	+06 18 00.8			691
1994 EC_4		1994 03 18.37760	10 54 17.90	+06 18 07.1			691
1994 ED_4	*	1994 03 04.25532	11 08 50.32	+05 29 39.9	19.0	V	691
1994 ED_4		1994 03 04.28736	11 08 48.72	+05 29 44.5			691
1994 ED_4		1994 03 04.31968	11 08 47.02	+05 29 47.6			691
1994 ED_4		1994 03 18.32661	10 57 05.38	+05 53 57.3	19.1	V	691
1994 ED_4		1994 03 18.34890	10 57 04.34	+05 53 59.7			691
1994 ED_4		1994 03 18.37951	10 57 02.83	+05 54 02.6			691
1994 EE_4	*	1994 03 04.26026	11 15 57.96	+05 17 32.9			691
1994 EE_4		1994 03 04.29229	11 15 56.09	+05 17 41.8	19.2	V	691
1994 EE_4		1994 03 04.32461	11 15 54.14	+05 17 50.3			691
1994 EE_4		1994 03 18.33032	11 02 26.55	+06 20 33.5	19.1	V	691
1994 EE_4		1994 03 18.35261	11 02 25.29	+06 20 39.7			691
1994 EE_4		1994 03 18.38321	11 02 23.55	+06 20 46.8			691
1994 EF_4	*	1994 03 04.27111	11 31 38.54	+05 15 34.5			691
1994 EF_4		1994 03 04.30315	11 31 36.94	+05 15 39.7	19.1	V	691
1994 EF_4		1994 03 04.33548	11 31 35.38	+05 15 45.6			691
1994 EF_4		1994 03 10.23673	11 26 52.75	+05 33 07.8			691
1994 EF_4		1994 03 10.36801	11 26 46.26	+05 33 31.0	19.0	V	691
1994 EF_4		1994 03 11.30627	11 26 00.94	+05 36 15.9			691
1994 EF_4		1994 03 11.31943	11 26 00.28	+05 36 17.4	18.8	V	691
1994 EF_4		1994 03 11.33295	11 25 59.59	+05 36 19.8			691
1994 EG_4	*	1994 03 05.33575	10 57 33.27	+09 00 24.9	20.3	V	691
1994 EG_4		1994 03 05.35930	10 57 32.38	+09 00 25.4			691
1994 EG_4		1994 03 05.38306	10 57 31.44	+09 00 26.4			691
1994 EG_4		1994 03 06.24978	10 56 59.27	+09 00 59.3			691

1994 EG_4		1994 03 06.27370	10 56 58.32	+09 01 01.6	19.7 V	691
1994 EG_4		1994 03 06.30198	10 56 57.19	+09 01 02.8		691
1994 EH_4	*	1994 03 05.40570	11 03 10.75	+04 41 25.5		691
1994 EH_4		1994 03 05.42919	11 03 09.63	+04 41 36.5	19.8 V	691
1994 EH_4		1994 03 05.45283	11 03 08.55	+04 41 49.0		691
1994 EH_4		1994 03 06.39354	11 02 26.25	+04 49 30.4	20.1 V	691
1994 EH_4		1994 03 06.41709	11 02 25.14	+04 49 42.2		691
1994 EH_4		1994 03 06.44078	11 02 24.05	+04 49 53.3		691
1994 EH_4		1994 03 10.21623	10 59 35.21	+05 20 41.9	19.2 V	691
1994 EH_4		1994 03 10.34862	10 59 29.09	+05 21 46.3		691
1994 EJ_4	*	1994 03 05.40634	11 04 06.12	+04 36 27.0	19.3 V	691
1994 EJ_4		1994 03 05.42983	11 04 04.87	+04 36 36.2		691
1994 EJ_4		1994 03 05.45346	11 04 03.64	+04 36 45.2		691
1994 EJ_4		1994 03 18.32429	10 53 44.03	+05 57 38.8		691
1994 EJ_4		1994 03 18.34658	10 53 43.01	+05 57 46.5	20.0 V	691
1994 EJ_4		1994 03 18.37718	10 53 41.56	+05 57 57.4		691
1994 EK_4	*	1994 03 05.40689	11 04 53.93	+04 43 38.5		691
1994 EK_4		1994 03 05.43038	11 04 52.86	+04 43 50.0		691
1994 EK_4		1994 03 05.45402	11 04 51.79	+04 44 02.8	19.6 V	691
1994 EK_4		1994 03 06.39475	11 04 11.07	+04 52 13.0		691
1994 EK_4		1994 03 06.41830	11 04 10.03	+04 52 25.0	20.0 V	691
1994 EK_4		1994 03 06.44199	11 04 08.98	+04 52 37.4		691
1994 EL_4	*	1994 03 05.40967	11 08 54.97	+04 21 59.3	18.3 V	691
1994 EL_4		1994 03 05.43316	11 08 53.60	+04 22 09.8		691
1994 EL_4		1994 03 05.45679	11 08 52.26	+04 22 20.7		691
1994 EL_4		1994 03 11.29903	11 03 35.78	+05 05 46.8	18.9 V	691
1994 EL_4		1994 03 11.31234	11 03 35.05	+05 05 52.3		691
1994 EL_4		1994 03 11.32583	11 03 34.27	+05 05 58.4		691
1994 EL_4		1994 03 18.32700	10 57 39.22	+05 55 19.7		691
1994 EL_4		1994 03 18.34929	10 57 38.09	+05 55 28.8	18.9 V	691
1994 EL_4		1994 03 18.37989	10 57 36.58	+05 55 41.0		691
1994 EM_4	*	1994 03 05.40970	11 08 57.36	+04 35 22.6		691
1994 EM_4		1994 03 05.43319	11 08 56.24	+04 35 35.3	20.2 V	691
1994 EM_4		1994 03 05.45683	11 08 55.14	+04 35 48.6		691
1994 EM_4		1994 03 06.39754	11 08 12.36	+04 44 34.9		691
1994 EM_4		1994 03 06.42108	11 08 11.24	+04 44 48.6	20.4 V	691
1994 EM_4		1994 03 06.44478	11 08 10.15	+04 45 01.9		691
1994 EM_4		1994 03 11.29944	11 04 30.28	+05 30 05.5		691
1994 EM_4		1994 03 11.31274	11 04 29.68	+05 30 12.9	20.0 V	691
1994 EM_4		1994 03 11.32622	11 04 29.04	+05 30 20.0		691
1994 EN_4	*	1994 03 05.40971	11 08 58.61	+04 19 17.1		691
1994 EN_4		1994 03 05.43321	11 08 57.31	+04 19 27.8		691
1994 EN_4		1994 03 05.45684	11 08 56.07	+04 19 38.3	19.0 V	691
1994 EN_4		1994 03 18.32719	10 57 55.21	+05 57 12.7	19.2 V	691
1994 EN_4		1994 03 18.34948	10 57 54.03	+05 57 22.2		691
1994 EN_4		1994 03 18.38008	10 57 52.51	+05 57 35.5		691
1994 EO_4	*	1994 03 05.40989	11 09 13.98	+04 38 55.7		691
1994 EO_4		1994 03 05.43338	11 09 12.70	+04 39 06.3		691
1994 EO_4		1994 03 05.45701	11 09 11.44	+04 39 16.6	19.5 V	691
1994 EO_4		1994 03 06.39765	11 08 22.17	+04 46 17.1		691
1994 EO_4		1994 03 06.42119	11 08 20.88	+04 46 27.4	19.5 V	691
1994 EO_4		1994 03 06.44488	11 08 19.61	+04 46 37.8		691
1994 EO_4		1994 03 18.32730	10 58 05.13	+06 14 10.0	19.5 V	691
1994 EO_4		1994 03 18.34959	10 58 04.00	+06 14 19.5		691
1994 EO_4		1994 03 18.38019	10 58 02.42	+06 14 32.0		691
1994 EP_4	*	1994 03 05.41340	11 14 17.79	+04 43 07.1		691
1994 EP_4		1994 03 05.43689	11 14 16.48	+04 43 14.0		691
1994 EP_4		1994 03 05.46052	11 14 15.13	+04 43 19.7	19.7 V	691
1994 EP_4		1994 03 06.40111	11 13 21.52	+04 47 24.7	19.8 V	691
1994 EP_4		1994 03 06.42465	11 13 20.14	+04 47 30.9		691
1994 EP_4		1994 03 06.44834	11 13 18.80	+04 47 36.4		691
1994 EQ_4	*	1994 03 05.41572	11 17 38.60	+04 40 38.7		691
1994 EQ_4		1994 03 05.43921	11 17 37.63	+04 40 46.9	19.1 V	691
1994 EQ_4		1994 03 05.46285	11 17 36.55	+04 40 53.9		691
1994 EQ_4		1994 03 06.40355	11 16 53.61	+04 45 43.4		691
1994 EQ_4		1994 03 06.42710	11 16 52.51	+04 45 51.0	19.1 V	691
1994 EQ_4		1994 03 06.45079	11 16 51.38	+04 45 57.9		691
1994 ER_4	*	1994 03 05.41608	11 18 09.92	+04 44 17.0	18.8 V	691
1994 ER_4		1994 03 05.43957	11 18 08.52	+04 44 23.2		691
1994 ER_4		1994 03 05.46320	11 18 07.03	+04 44 29.2		691
1994 ER_4		1994 03 06.40374	11 17 09.86	+04 48 38.2	19.1 V	691
1994 ER_4		1994 03 06.42728	11 17 08.38	+04 48 44.2		691
1994 ER_4		1994 03 06.45097	11 17 06.87	+04 48 50.5		691
1994 ES_4	*	1994 03 05.41638	11 18 36.11	+04 38 18.9		691
1994 ES_4		1994 03 05.43987	11 18 34.96	+04 38 27.6		691
1994 ES_4		1994 03 05.46351	11 18 33.78	+04 38 35.4	19.6 V	691
1994 ES_4		1994 03 06.40417	11 17 46.86	+04 44 00.3		691
1994 ES_4		1994 03 06.42771	11 17 45.63	+04 44 08.5	19.7 V	691
1994 ES_4		1994 03 06.45141	11 17 44.37	+04 44 17.5		691
1994 ET_4	*	1994 03 05.41649	11 18 46.02	+04 44 02.8	17.9 V	691
1994 ET_4		1994 03 05.43999	11 18 44.87	+04 44 13.5		691
1994 ET_4		1994 03 05.46362	11 18 43.65	+04 44 24.4		691
1994 ET_4		1994 03 06.40428	11 17 56.47	+04 51 37.8	18.0 V	691
1994 ET_4		1994 03 06.42782	11 17 55.23	+04 51 48.8		691
1994 ET_4		1994 03 06.45152	11 17 54.01	+04 51 59.5		691
1994 EU_4	*	1994 03 05.41772	11 20 31.73	+04 41 25.2	19.4 V	691
1994 EU_4		1994 03 05.44121	11 20 30.52	+04 41 38.9		691
1994 EU_4		1994 03 05.46484	11 20 29.31	+04 41 52.8		691
1994 EU_4		1994 03 06.40549	11 19 40.88	+04 51 03.2		691
1994 EU_4		1994 03 06.42903	11 19 39.57	+04 51 17.1	19.4 V	691
1994 EU_4		1994 03 06.45272	11 19 38.32	+04 51 31.0		691
1994 EU_4		1994 03 10.22785	11 16 22.33	+05 28 26.1		691
1994 EU_4		1994 03 10.36024	11 16 15.08	+05 29 43.5		691
1994 EV_4	*	1994 03 05.41998	11 23 47.69	+04 44 55.5		691
1994 EV_4		1994 03 05.44347	11 23 46.67	+04 45 04.5	19.0 V	691
1994 EV_4		1994 03 05.46711	11 23 45.68	+04 45 15.2		691
1994 EV_4		1994 03 06.40786	11 23 06.77	+04 52 23.3		691
1994 EV_4		1994 03 06.43141	11 23 05.75	+04 52 33.9	19.1 V	691
1994 EV_4		1994 03 06.45510	11 23 04.73	+04 52 44.7		691
1994 EV_4		1994 03 10.29918	11 20 24.11	+05 21 54.0	19.3 V	691
1994 EV_4		1994 03 10.36396	11 20 21.47	+05 22 24.2		691
1994 EW_4	*	1994 03 05.42244	11 27 20.87	+04 43 10.5		691
1994 EW_4		1994 03 05.44593	11 27 19.52	+04 43 21.4	19.6 V	691
1994 EW_4		1994 03 05.46956	11 27 18.17	+04 43 31.5		691

1994 EW_4		1994 03 06.41017	11 26 27.00	+04 50 19.8	19.6 V	691
1994 EW_4		1994 03 06.43372	11 26 25.70	+04 50 30.6		691
1994 EW_4		1994 03 06.45741	11 26 24.37	+04 50 41.0		691
1994 EW_4		1994 03 10.23398	11 22 54.86	+05 18 17.5	19.4 V	691
1994 EW_4		1994 03 10.36525	11 22 47.13	+05 19 16.0		691
1994 EX_4	*	1994 03 05.47726	12 33 53.55	+01 40 56.9		691
1994 EX_4		1994 03 05.49222	12 33 53.07	+01 41 03.9	19.6 V	691
1994 EX_4		1994 03 05.50734	12 33 52.58	+01 41 11.1		691
1994 EX_4		1994 03 13.31522	12 29 17.73	+02 46 09.7		691
1994 EX_4		1994 03 13.38233	12 29 14.91	+02 46 45.1		691
1994 EX_4		1994 03 13.44994	12 29 12.12	+02 47 19.7	19.6 V	691
1994 EY_4	*	1994 03 06.11784	09 02 02.70	+13 17 53.2	20.5 V	691
1994 EY_4		1994 03 06.13657	09 02 01.40	+13 17 38.9		691
1994 EY_4		1994 03 06.15611	09 02 00.07	+13 17 23.8		691
1994 EY_4		1994 03 07.11831	09 00 56.40	+13 04 45.0		691
1994 EY_4		1994 03 07.13693	09 00 55.17	+13 04 31.0		691
1994 EY_4		1994 03 07.15735	09 00 53.84	+13 04 15.0	20.0 V	691
1994 EZ_4	*	1994 03 06.39735	11 07 55.73	+05 04 34.8		691
1994 EZ_4		1994 03 06.42089	11 07 54.60	+05 04 41.3	19.4 V	691
1994 EZ_4		1994 03 06.44458	11 07 53.45	+05 04 48.0		691
1994 EZ_4		1994 03 11.29919	11 04 02.45	+05 27 43.8	19.6 V	691
1994 EZ_4		1994 03 11.31249	11 04 01.79	+05 27 47.7		691
1994 EZ_4		1994 03 11.32598	11 04 01.14	+05 27 52.2		691
1994 EZ_4		1994 03 18.32762	10 58 33.10	+06 00 17.7	19.4 V	691
1994 EZ_4		1994 03 18.34992	10 58 32.06	+06 00 23.6		691
1994 EZ_4		1994 03 18.38052	10 58 30.61	+06 00 32.2		691
1994 EA_5	*	1994 03 06.39757	11 08 14.84	+04 51 32.5	20.0 V	691
1994 EA_5		1994 03 06.42111	11 08 13.83	+04 51 43.9		691
1994 EA_5		1994 03 06.44481	11 08 12.81	+04 51 54.9		691
1994 EA_5		1994 03 10.22038	11 05 35.24	+05 22 03.2		691
1994 EA_5		1994 03 10.35278	11 05 29.38	+05 23 04.8		691
1994 EA_5		1994 03 11.29967	11 04 50.24	+05 30 38.0	19.9 V	691
1994 EA_5		1994 03 11.31297	11 04 49.70	+05 30 44.4		691
1994 EA_5		1994 03 11.32645	11 04 49.11	+05 30 50.8		691
1994 EB_5	*	1994 03 06.39945	11 10 57.95	+04 59 12.1		691
1994 EB_5		1994 03 06.42299	11 10 56.48	+04 59 17.2		691
1994 EB_5		1994 03 06.44668	11 10 55.03	+04 59 22.4	19.1 V	691
1994 EB_5		1994 03 11.30048	11 06 00.14	+05 17 25.4		691
1994 EB_5		1994 03 11.31377	11 05 59.34	+05 17 28.1	19.2 V	691
1994 EB_5		1994 03 11.32726	11 05 58.47	+05 17 31.5		691
1994 EC_5	*	1994 03 06.39971	11 11 20.94	+05 06 58.5		691
1994 EC_5		1994 03 06.42325	11 11 19.49	+05 07 03.3	17.8 V	691
1994 EC_5		1994 03 06.44694	11 11 18.01	+05 07 08.7		691
1994 EC_5		1994 03 10.22171	11 07 29.77	+05 20 50.7		691
1994 EC_5		1994 03 10.35408	11 07 21.49	+05 21 19.0	17.3 V	691
1994 EC_5		1994 03 11.30076	11 06 24.46	+05 24 43.4	17.9 V	691
1994 EC_5		1994 03 11.31405	11 06 23.65	+05 24 46.4		691
1994 EC_5		1994 03 11.32754	11 06 22.80	+05 24 49.3		691
1994 ED_5	*	1994 03 06.40038	11 12 18.31	+04 56 08.3		691
1994 ED_5		1994 03 06.42392	11 12 16.81	+04 56 15.1		691
1994 ED_5		1994 03 06.44761	11 12 15.28	+04 56 21.3	19.0 V	691
1994 ED_5		1994 03 11.30136	11 07 16.64	+05 18 54.9	19.1 V	691
1994 ED_5		1994 03 11.31466	11 07 15.81	+05 18 58.7		691
1994 ED_5		1994 03 11.32814	11 07 14.92	+05 19 02.4		691
1994 EE_5	*	1994 03 06.40884	11 24 31.33	+05 06 09.2		691
1994 EE_5		1994 03 06.43238	11 24 30.01	+05 06 20.0		691
1994 EE_5		1994 03 06.45607	11 24 28.66	+05 06 30.7	20.1 V	691
1994 EE_5		1994 03 10.23284	11 21 01.27	+05 34 24.8	20.1 V	691
1994 EE_5		1994 03 10.29937	11 20 57.35	+05 34 53.9		691
1994 EE_5		1994 03 10.36415	11 20 53.65	+05 35 22.9		691
1994 EF_5	*	1994 03 06.40941	11 25 20.46	+05 15 06.8	18.5 V	691
1994 EF_5		1994 03 06.43295	11 25 18.93	+05 15 09.6		691
1994 EF_5		1994 03 06.45664	11 25 17.48	+05 15 12.1		691
1994 EF_5		1994 03 10.23297	11 21 23.93	+05 22 05.4		691
1994 EF_5		1994 03 10.29950	11 21 19.59	+05 22 12.4		691
1994 EF_5		1994 03 10.36427	11 21 15.27	+05 22 20.1	18.5 V	691
1994 EG_5	*	1994 03 07.18730	10 50 30.24	+02 02 03.7	18.8 V	691
1994 EG_5		1994 03 07.21072	10 50 28.72	+02 02 07.5		691
1994 EG_5		1994 03 07.23406	10 50 27.15	+02 02 10.3		691
1994 EG_5		1994 03 08.35550	10 49 15.79	+02 04 29.5	18.6 V	691
1994 EG_5		1994 03 08.36345	10 49 15.22	+02 04 30.1		691
1994 EG_5		1994 03 08.37131	10 49 14.76	+02 04 31.3		691
1994 EG_5		1994 03 09.18982	10 48 23.74	+02 06 14.6	18.8 V	691
1994 EG_5		1994 03 09.19642	10 48 23.29	+02 06 15.4		691
1994 EG_5		1994 03 09.20360	10 48 22.90	+02 06 16.4		691
1994 EG_5		1994 03 18.26929	10 39 31.70	+02 25 36.4		691
1994 EG_5		1994 03 18.28598	10 39 30.76	+02 25 38.5	18.7 V	691
1994 EG_5		1994 03 18.30230	10 39 29.83	+02 25 40.5		691
1994 EH_5	*	1994 03 07.18969	10 53 56.64	+02 08 51.1	17.2 V	691
1994 EH_5		1994 03 07.21310	10 53 54.95	+02 08 49.5		691
1994 EH_5		1994 03 07.23644	10 53 53.19	+02 08 47.9		691
1994 EH_5		1994 03 08.35778	10 52 33.70	+02 07 13.8	17.1 V	691
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1994 EH_5		1994 03 08.37359	10 52 32.53	+02 07 12.8		691
1994 EH_5		1994 03 09.19204	10 51 35.75	+02 06 06.1	17.2 V	691
1994 EH_5		1994 03 09.20581	10 51 34.72	+02 06 05.4		691
1994 EJ_5	*	1994 03 07.19122	10 56 09.53	+02 17 04.0		691
1994 EJ_5		1994 03 07.21464	10 56 08.30	+02 17 18.4	19.9 V	691
1994 EJ_5		1994 03 07.23799	10 56 07.12	+02 17 33.7		691
1994 EJ_5		1994 03 08.35962	10 55 12.55	+02 29 39.6	20.2 V	691
1994 EJ_5		1994 03 08.36758	10 55 12.06	+02 29 44.3		691
1994 EJ_5		1994 03 08.37543	10 55 11.69	+02 29 48.8		691
1994 EK_5	*	1994 03 08.35574	10 49 36.80	+02 04 23.1	18.9 V	691
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1994 EK_5		1994 03 08.37156	10 49 36.19	+02 04 37.8		691
1994 EK_5		1994 03 09.19029	10 49 04.35	+02 16 46.2		691
1994 EK_5		1994 03 09.19689	10 49 03.95	+02 16 51.9	19.0 V	691
1994 EK_5		1994 03 09.20407	10 49 03.80	+02 16 58.3		691
1994 EL_5	*	1994 03 08.35632	10 50 26.85	+02 06 01.0	20.1 V	691
1994 EL_5		1994 03 08.36428	10 50 26.38	+02 06 04.3		691
1994 EL_5		1994 03 08.37213	10 50 25.89	+02 06 06.7		691
1994 EL_5		1994 03 09.19067	10 49 37.06	+02 11 25.3	20.5 V	691
1994 EL_5		1994 03 09.19727	10 49 36.45	+02 11 27.7		691
1994 EL_5		1994 03 09.20445	10 49 36.19	+02 11 30.9		691

1994 EM_5	*	1994 03 11.29907	11 03 41.81	+05 28 53.6	19.1 V		691
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1994 EM_5		1994 03 11.32586	11 03 40.05	+05 29 01.4			691
1994 EM_5		1994 03 18.32619	10 56 28.65	+06 03 34.6			691
1994 EM_5		1994 03 18.34848	10 56 27.26	+06 03 40.7	19.2 V		691
1994 EM_5		1994 03 18.37907	10 56 25.36	+06 03 49.2			691
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1994 EN_5		1994 03 12.27370	12 03 58.64	−01 01 50.0			691
1994 EN_5		1994 03 12.27949	12 03 58.21	−01 01 49.4			691
1994 EN_5		1994 03 16.36735	11 59 34.91	−00 52 15.4	19.3 V		691
1994 EN_5		1994 03 16.42426	11 59 31.06	−00 52 06.9			691
1994 EN_5		1994 03 16.45191	11 59 29.33	−00 52 01.6			691
1994 EN_5		1994 03 16.48608	11 59 26.93	−00 51 57.2			691
1994 EN_5		1994 03 16.49279	11 59 26.44	−00 51 55.7	19.3 V		691
1994 EN_5		1994 03 16.49925	11 59 26.06	−00 51 55.1			691
1994 EO_5	*	1994 03 12.26850	12 05 22.78	−00 58 07.4			691
1994 EO_5		1994 03 12.27467	12 05 22.37	−00 58 08.4	20.5 V		691
1994 EO_5		1994 03 12.28045	12 05 21.98	−00 58 09.9			691
1994 EO_5		1994 03 16.36819	12 00 47.51	−01 10 22.7			691
1994 EO_5		1994 03 16.42510	12 00 43.48	−01 10 33.0	20.0 V		691
1994 EO_5		1994 03 16.45274	12 00 41.55	−01 10 36.8			691
1994 EO_5		1994 03 16.47383	12 00 40.04	−01 10 40.0	20.3 V		691
1994 EO_5		1994 03 16.48023	12 00 39.61	−01 10 41.6			691
1994 EO_5		1994 03 16.48683	12 00 39.17	−01 10 42.3			691
1994 EO_5		1994 03 16.49354	12 00 38.64	−01 10 43.2			691
1994 EO_5		1994 03 16.50000	12 00 38.27	−01 10 44.5	19.7 V		691
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1994 FA		1994 03 16.47403	12 00 57.36	−00 57 48.1	19.1 V		691
1994 FA		1994 03 16.48043	12 00 56.75	−00 59 55.7	19.1 V		691
1994 FA		1994 03 16.48703	12 00 56.38	−01 02 07.3	19.2 V		691
1994 FA		1994 03 16.49374	12 00 55.83	−01 04 20.1	19.0 V		691
1994 FA		1994 03 16.50020	12 00 55.34	−01 06 25.7	19.4 V		691
1994 FA		1994 03 17.34270	12 00 28.30	−05 32 28.4	19.6 V		691
1994 FA		1994 03 17.35064	12 00 27.53	−05 34 50.4	19.2 V		691
1994 FA		1994 03 18.25233	11 59 58.73	−09 51 33.7			691
1994 FA		1994 03 18.25589	11 59 58.32	−09 52 31.5			691
1994 FA		1994 03 18.25962	11 59 57.97	−09 53 32.4			691
1994 FA		1994 03 18.39131	11 59 45.58	−10 28 39.4			691
1994 FH	*	1994 03 16.21252	10 53 45.51	−00 52 39.1	20.7 V		691
1994 FH		1994 03 16.27833	10 53 42.40	−00 52 09.0			691
1994 FH		1994 03 16.34426	10 53 39.41	−00 51 39.6			691
1994 FH		1994 03 18.29309	10 52 13.69	−00 36 52.9	21.3 V		691
1994 FH		1994 03 18.31281	10 52 12.79	−00 36 44.0			691
1994 FJ	*	1994 03 16.21294	10 54 21.27	−00 46 51.7			691
1994 FJ		1994 03 16.27874	10 54 17.88	−00 46 36.5	19.2 V		691
1994 FJ		1994 03 16.34467	10 54 14.42	−00 46 20.7			691
1994 FJ		1994 03 18.27699	10 52 38.82	−00 38 53.2			691
1994 FJ		1994 03 18.29337	10 52 37.95	−00 38 49.1	19.3 V		691
1994 FJ		1994 03 18.31309	10 52 36.97	−00 38 44.6			691
1994 FK	*	1994 03 16.21307	10 54 33.20	−00 47 54.8			691
1994 FK		1994 03 16.27886	10 54 28.65	−00 47 36.5			691
1994 FK		1994 03 16.34478	10 54 24.13	−00 47 18.8	20.8 V		691
1994 FK		1994 03 18.27674	10 52 17.40	−00 38 30.9	21.0 V		691
1994 FK		1994 03 18.29312	10 52 16.27	−00 38 26.0			691
1994 FK		1994 03 18.31283	10 52 14.95	−00 38 20.4			691
1994 FL	*	1994 03 16.21338	10 55 00.09	−01 01 27.5	20.1 V		691
1994 FL		1994 03 16.27919	10 54 57.35	−01 00 57.8			691
1994 FL		1994 03 16.34513	10 54 54.62	−01 00 27.7			691
1994 FL		1994 03 18.27767	10 53 37.73	−00 45 52.2	20.5 V		691
1994 FL		1994 03 18.29406	10 53 37.03	−00 45 45.1			691
1994 FL		1994 03 18.31377	10 53 36.21	−00 45 35.9			691
1994 FM	*	1994 03 16.21420	10 56 10.96	−00 52 24.6			691
1994 FM		1994 03 16.28000	10 56 07.12	−00 51 54.9			691
1994 FM		1994 03 16.34592	10 56 03.27	−00 51 24.0	20.7 V		691
1994 FM		1994 03 18.27810	10 54 14.73	−00 36 38.9			691
1994 FM		1994 03 18.29448	10 54 13.79	−00 36 31.2			691
1994 FM		1994 03 18.31419	10 54 12.68	−00 36 21.6	21.1 V		691
1994 GH	*	1994 04 03.31820	12 37 48.11	+01 05 07.2	19.5 V		691
1994 GH		1994 04 03.34722	12 37 46.30	+01 05 23.2	19.7 V		691
1994 GH		1994 04 03.37593	12 37 44.46	+01 05 39.9	19.8 V		691
1994 GH		1994 04 05.33510	12 35 45.53	+01 24 20.7	20.0 V		691
1994 GH		1994 04 05.35850	12 35 44.06	+01 24 33.8	19.5 V		691
1994 GH		1994 04 05.38281	12 35 42.57	+01 24 47.2	19.8 V		691
1994 GH		1994 04 06.34485	12 34 44.25	+01 33 50.7	19.7 V		691
1994 GH		1994 04 06.35408	12 34 43.70	+01 33 56.4	19.6 V		691
1994 GH		1994 04 06.36140	12 34 43.21	+01 34 00.7	19.7 V		691
2197 P-L		1994 03 16.41793	11 50 22.54	−01 08 42.3	16.8 V		691
2197 P-L		1994 03 16.44558	11 50 21.04	−01 08 29.7			691
2550 P-L		1994 03 05.26590	11 02 28.08	+09 51 18.5	17.2 V		691
2550 P-L		1994 03 05.28965	11 02 26.58	+09 51 27.2			691
2550 P-L		1994 03 05.31355	11 02 25.02	+09 51 36.1			691
2218 T-1		1994 03 13.31258	12 25 29.16	+02 56 31.2	17.8 V		691
2218 T-1		1994 03 13.37968	12 25 25.28	+02 56 56.6			691
2218 T-1		1994 03 13.44728	12 25 21.37	+02 57 21.8			691
4317 T-3		1994 03 09.25805	10 38 12.70	+06 13 56.9			691
4317 T-3		1994 03 09.36285	10 38 09.74	+06 14 18.6			691
4369 T-3		1994 03 06.40486	11 18 46.86	+05 08 00.6	19.4 V		691
4369 T-3		1994 03 06.42841	11 18 46.19	+05 08 06.8			691
4369 T-3		1994 03 06.45211	11 18 45.53	+05 08 11.0			691
4369 T-3		1994 03 10.22830	11 17 01.16	+05 22 34.8			691
4369 T-3		1994 03 10.36072	11 16 57.39	+05 23 05.0			691
(317)		1994 03 15.45616	14 21 25.39	−11 55 54.1			691
(317)		1994 03 15.47934	14 21 24.97	−11 55 50.6	12.8 V		691
(317)		1994 03 15.50232	14 21 24.54	−11 55 46.9			691
(356)		1994 03 06.41100	11 27 38.63	+05 11 17.2			691
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(356)		1994 03 06.45823	11 27 35.82	+05 11 25.3			691
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(580)		1994 03 05.49251	12 34 18.83	+01 44 13.1			691
(580)		1994 03 05.50763	12 34 18.29	+01 44 17.4			691
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(1351)		1994 03 12.37777	12 02 22.53	+03 16 12.2	14.5 V		691
(1351)		1994 03 12.42863	12 02 20.06	+03 16 20.8			691
(1564)		1994 03 09.21900	09 50 55.98	+05 59 05.6	15.3 V		691

(1564)	1994 03 09.28183	09 50 53.60	+05 59 31.1		691
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(1671)	1994 03 09.26545	10 48 53.48	+05 51 01.8	15.1 V	691
(1671)	1994 03 09.37022	10 48 47.78	+05 51 46.9		691
(1748)	1994 03 10.24373	11 36 59.69	+05 44 13.0	16.7 V	691
(1748)	1994 03 10.37504	11 36 55.08	+05 44 45.0		691
(1784)	1994 03 12.33579	11 51 25.00	+03 34 36.9	15.1 V	691
(1784)	1994 03 12.37016	11 51 23.04	+03 34 49.8		691
(1784)	1994 03 12.42101	11 51 20.16	+03 35 09.0		691
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(1815)	1994 03 05.31454	11 03 51.37	+09 35 45.7		691
(1830)	1994 03 14.48034	14 24 57.57	−09 05 18.3		691
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(1874)	1994 03 06.40864	11 24 13.85	+04 55 21.7	16.6 V	691
(1874)	1994 03 06.43218	11 24 12.88	+04 55 29.0		691
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(1874)	1994 03 10.23309	11 21 37.30	+05 14 51.8	16.6 V	691
(1874)	1994 03 10.29961	11 21 34.59	+05 15 11.7		691
(1874)	1994 03 10.36438	11 21 31.74	+05 15 31.8		691
(1877)	1994 03 06.33774	11 12 37.58	+08 20 25.9	16.8 V	691
(1877)	1994 03 06.36137	11 12 36.59	+08 20 28.8		691
(1877)	1994 03 06.38520	11 12 35.59	+08 20 31.6		691
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(2236)	1994 03 10.38483	11 51 03.54	+05 34 04.6		691
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(2243)	1994 03 07.41781	12 35 51.96	+00 43 08.6		691
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(2330)	1994 03 04.24319	10 04 08.19	+14 30 18.0		691
(2330)	1994 03 08.13762	10 01 32.40	+14 51 37.6	16.2 V	691
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(2336)	1994 03 05.24427	10 37 16.04	+13 04 15.1		691
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(2592)	1994 03 05.40599	11 03 35.76	+04 36 40.1		691
(2592)	1994 03 05.42948	11 03 34.63	+04 36 47.6	15.7 V	691
(2592)	1994 03 05.45311	11 03 33.51	+04 36 54.8		691
(2752)	1994 03 15.23837	11 10 59.65	+00 42 47.6	16.1 V	691
(2752)	1994 03 15.24654	11 10 59.29	+00 42 51.2		691
(2752)	1994 03 15.25590	11 10 58.89	+00 42 55.6		691
(2753)	1994 03 04.22376	09 59 44.60	+14 38 22.9		691
(2753)	1994 03 04.23191	09 59 44.14	+14 38 23.6	15.8 V	691
(2753)	1994 03 04.24013	09 59 43.71	+14 38 24.5		691
(2844)	1994 03 13.30500	12 14 32.68	+02 50 45.3	15.6 V	691
(2844)	1994 03 13.37211	12 14 28.90	+02 51 16.4		691
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(2845)	1994 03 10.39217	12 01 39.52	+05 33 31.7		691
(2889)	1994 03 16.18047	10 08 02.62	−00 45 28.0		691
(2889)	1994 03 16.24644	10 08 00.18	−00 45 04.6	16.6 V	691
(2889)	1994 03 16.31222	10 07 57.76	−00 44 40.4		691
(3090)	1994 03 09.26022	10 41 20.72	+06 00 29.2		691
(3090)	1994 03 09.36500	10 41 16.30	+06 01 09.3		691
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(3451)	1994 03 16.29940	09 49 27.24	−01 00 36.1		691
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(3516)	1994 03 06.40220	11 14 56.05	+05 09 19.6		691
(3516)	1994 03 06.42574	11 14 54.92	+05 09 27.4		691
(3516)	1994 03 06.44944	11 14 53.78	+05 09 35.5	16.3 V	691
(3516)	1994 03 10.22479	11 11 56.59	+05 30 48.5		691
(3516)	1994 03 10.35718	11 11 50.18	+05 31 32.8		691
(3551)	1994 04 05.30540	11 58 55.48	+02 44 22.0	20.8 V	691
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(3696)	1994 03 07.12845	09 15 52.40	+12 53 40.4	17.5 V	691
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(3785)	1994 03 05.46728	11 24 00.30	+04 41 16.7	16.9 V	691
(3785)	1994 03 06.40802	11 23 20.54	+04 45 53.7	17.1 V	691
(3785)	1994 03 06.43157	11 23 19.51	+04 46 00.4		691
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(4371)	1994 03 05.27145	11 10 28.77	+09 47 38.3	15.0 V	691
(4371)	1994 03 05.29520	11 10 27.35	+09 47 46.3		691
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(4475)	1994 03 16.36350	11 54 01.64	−00 55 18.4		691
(4475)	1994 03 16.42042	11 53 58.09	−00 55 01.1	15.5 V	691
(4475)	1994 03 16.44807	11 53 56.38	−00 54 52.3		691
(4549)	1994 03 10.24684	11 41 28.35	+05 29 37.1		691
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(4642)	1994 03 13.34239	11 38 33.46	+02 57 08.7		691
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(4944)	1994 03 09.22674	10 02 06.54	+06 03 58.7		691
(4944)	1994 03 09.34155	10 02 01.19	+06 04 27.1		691
(4980)	1994 03 13.28880	11 54 44.30	+03 10 44.5		691
(4980)	1994 03 13.35356	11 54 41.38	+03 11 02.6	17.0 V	691
(4980)	1994 03 13.42391	11 54 38.21	+03 11 22.2		691
(5097)	1994 03 05.18920	10 27 14.05	+13 02 22.3	17.1 V	691
(5097)	1994 03 05.21335	10 27 12.76	+13 02 30.5		691
(5097)	1994 03 05.23729	10 27 11.49	+13 02 38.7		691
(5446)	1994 03 05.34030	11 04 08.07	+09 15 14.9		691
(5446)	1994 03 05.36386	11 04 06.95	+09 15 21.8	16.4 V	691
(5446)	1994 03 05.38761	11 04 05.85	+09 15 28.6		691
(5449)	1994 03 05.17163	09 38 30.23	+13 41 51.3	17.0 V	691
(5465)	1994 03 05.34025	11 04 03.27	+09 12 22.9	16.4 V	691
(5465)	1994 03 05.36380	11 04 02.10	+09 12 30.9		691
(5465)	1994 03 05.38755	11 04 00.93	+09 12 38.9		691
(5582)	1994 03 05.33169	10 51 42.22	+09 19 31.0	16.5 V	691
(5582)	1994 03 05.35524	10 51 41.01	+09 19 37.2		691
(5582)	1994 03 05.37900	10 51 39.80	+09 19 43.5		691
(5638)	1994 03 07.12310	09 08 09.01	+12 53 57.4	17.5 V	691
(5638)	1994 03 07.14172	09 08 08.59	+12 54 00.8		691
(5638)	1994 03 07.16214	09 08 08.11	+12 54 04.9		691

693 University of Arizona, Catalina Station
C. Hergenrother, Lunar and Planetary Laboratory, University of Arizona, Tucson, AZ 85721, U.S.A.
0.4-m $f/3$ Schmidt

1994 EB_2	1994 04 02.23900	11 28 50.99	+37 16 13.9	17.0	693
1994 EB_2	1994 04 02.29583	11 28 49.82	+37 16 34.1		O 693
1994 EB_2	1994 04 03.16910	11 28 34.37	+37 22 00.6		693
1994 EB_2	1994 04 03.20613	11 28 33.37	+37 22 16.6		693

696 F. L. Whipple Observatory, Mount Hopkins
J. C. McDowell, Harvard-Smithsonian Center for Astrophysics, 60 Garden St., Cambridge, MA 02138, U.S.A.
Observers J. C. McDowell, K. Kearns
Measurers J. C. McDowell, G. V. Williams
1.2-m reflector + CCD

(616)	1994 03 22.37549	13 17 31.24	−16 45 24.8	696
(616)	1994 03 22.38197	13 17 30.87	−16 45 25.6	696
(616)	1994 03 23.36622	13 16 33.93	−16 47 25.1	696
(1620)	1994 03 22.14741	06 11 24.34	+27 48 24.6	696
(1620)	1994 03 22.15477	06 11 24.88	+27 48 16.6	696
(1620)	1994 03 23.10510	06 12 41.00	+27 30 27.3	696
(1620)	1994 03 23.10840	06 12 41.26	+27 30 23.7	696

786 U.S. Naval Observatory
J. A. DeYoung, U.S. Naval Observatory, 3450 Massachusetts Avenue NW, Washington, DC 20392-5420, U.S.A.
0.61-m reflector + CCD
GSC

1994 AE_2	1994 03 20.00781	07 37 48.97	+28 06 18.2	786
1994 AE_2	1994 03 20.02130	07 37 49.19	+28 06 19.2	786

801 Oak Ridge
R. E. McCrosky, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A.
Observers R. E. McCrosky, J. Zajac, C.-Y. Shao
Measurers R. E. McCrosky, C.-Y. Shao
1.5-m reflector + CCD
GSC

1938 HA	1994 03 12.23638	12 07 41.66	+12 14 31.0	801
1938 HA	1994 03 12.24986	12 07 40.90	+12 14 34.5	801
1938 HA	1994 03 21.30531	11 59 58.48	+12 43 29.3	801
1938 HA	1994 03 21.32414	11 59 57.45	+12 43 31.5	801
1949 PN	1993 12 12.97307	23 44 46.52	+11 57 28.4	801
1957 JP	1993 12 13.20079	05 11 50.69	+32 12 51.4	801
1973 SK_1	1994 03 12.26763	12 52 48.48	−00 36 26.3	801
1973 SK_1	1994 03 12.28488	12 52 47.96	−00 36 21.0	801
1973 SK_1	1994 03 21.33387	12 48 08.80	+00 12 25.6	801
1973 SK_1	1994 03 21.35291	12 48 08.16	+00 12 31.5	801
1975 LR	1994 03 12.09017	08 58 13.61	+31 03 27.6	801
1975 LR	1994 03 12.11560	08 58 12.92	+31 03 26.9	801
1975 VW_2	1994 03 16.19098	10 44 03.13	+11 38 31.4	801
1975 VW_2	1994 03 16.20510	10 44 02.32	+11 38 37.9	801
1976 SG_2	1994 03 12.06492	08 18 23.07	+13 22 11.4	801
1976 SG_2	1994 03 12.09721	08 18 23.04	+13 22 21.1	801
1976 SG_2	1994 03 21.10457	08 20 00.42	+13 58 52.5	801
1976 SG_2	1994 03 21.13955	08 20 00.99	+13 58 59.2	801
1977 EF_1	1994 03 16.31098	14 17 07.06	−08 37 04.8	801
1977 EF_1	1994 03 16.32904	14 17 06.89	−08 36 55.0	801
1977 EF_1	1994 03 21.36015	14 16 05.73	−07 49 19.3	801
1977 EF_1	1994 03 21.37981	14 16 05.38	−07 49 08.0	801
1978 VU_7	1994 03 13.08505	09 05 05.91	+16 56 05.5	801
1978 VU_7	1994 03 13.11227	09 05 05.19	+16 56 08.0	801
1978 VU_7	1994 03 21.13253	09 02 20.63	+17 04 31.2	801
1978 VU_7	1994 03 21.18131	09 02 19.95	+17 04 31.7	801
1979 FQ_2	1994 03 13.10457	10 19 07.09	+27 03 42.4	801
1979 FQ_2	1994 03 13.12961	10 19 05.92	+27 03 44.1	801
1979 FA_3	1993 11 13.37519	06 53 10.46	−01 12 54.4	801
1979 FA_3	1993 11 13.40517	06 53 10.20	−01 13 04.7	801

1979 FA_3	1994 02 07.07946	06 01 31.75	−00 50 31.1		801	1985 FD	1994 03 16.38662	15 11 24.81	+03 53 33.2		801
1979 FA_3	1994 02 07.14541	06 01 30.56	−00 50 03.6		801	1985 JL	1994 03 12.34354	14 57 00.60	−04 02 36.3		801
1979 FA_3	1994 02 14.04293	06 00 02.09	−00 03 02.8	p	801	1985 JL	1994 03 12.38167	14 57 01.22	−04 02 36.1		801
1979 FA_3	1994 02 14.07439	06 00 01.95	−00 02 48.8	p	801	1985 JL	1994 03 16.34439	14 57 49.09	−03 59 54.6	I	801
1979 KG	1994 03 12.99822	03 56 49.84	+11 25 42.4		801	1985 JL	1994 03 16.40081	14 57 49.44	−03 59 50.7		801
1979 KG	1994 03 13.00683	03 56 50.61	+11 25 46.0		801	1985 UH_3	1993 12 13.26063	06 01 13.05	+19 00 59.6	U	801
1980 DD_1	1994 03 12.25743	12 21 12.78	+06 47 13.2		801	1985 UH_3	1993 12 13.26421	06 01 12.79	+19 00 59.7	U	801
1980 DD_1	1994 03 12.27481	12 21 11.86	+06 47 16.3		801	1986 EN	1994 03 12.36127	17 01 05.11	+04 37 29.9		801
1980 DD_1	1994 03 21.32037	12 13 03.85	+07 13 15.2		801	1986 EN	1994 03 12.37287	17 01 06.10	+04 37 40.1		801
1980 DD_1	1994 03 21.33954	12 13 02.81	+07 13 18.4		801	1986 EN	1994 03 21.40302	17 13 31.04	+06 37 49.2		801
1981 GG	1994 03 16.33668	14 41 55.01	−10 01 39.1		801	1986 EN	1994 03 21.41250	17 13 31.89	+06 37 58.4		801
1981 GG	1994 03 16.37110	14 41 54.39	−10 01 47.7		801	1986 EQ_5	1994 03 13.04297	07 53 48.20	+36 00 38.7		801
1981 GG	1994 03 21.37735	14 40 10.08	−10 21 46.9		801	1986 EQ_5	1994 03 13.06815	07 53 48.02	+36 00 29.6		801
1981 GG	1994 03 21.39740	14 40 09.53	−10 21 51.6		801	1986 EQ_5	1994 03 21.08127	07 54 15.03	+35 08 35.6		801
1981 RG_5	1994 02 07.31521	11 03 02.90	+14 34 42.1		801	1986 EQ_5	1994 03 21.11106	07 54 15.31	+35 08 23.4		801
1981 RG_5	1994 02 07.34458	11 03 01.36	+14 34 48.6		801	1986 TL	1994 03 12.06770	08 21 14.78	+16 57 15.8	V	801
1981 RG_5	1994 03 16.17876	10 27 09.88	+17 02 15.0		801	1986 WB_1	1994 02 07.21339	08 14 00.97	+13 19 17.5		801
1981 RG_5	1994 03 16.19418	10 27 09.06	+17 02 16.1		801	1986 WB_1	1994 02 07.23590	08 13 59.64	+13 19 21.3		801
1981 SM	1994 03 12.06009	07 31 56.19	+20 47 15.0		801	1986 WB_1	1994 03 21.11660	08 04 55.18	+14 39 37.9		801
1981 SM	1994 03 12.09487	07 31 56.69	+20 47 12.1		801	1987 DF	1994 03 13.04660	07 58 30.52	+07 59 48.2		801
1981 SM	1994 03 21.07397	07 35 45.91	+20 30 48.8		801	1987 DF	1994 03 13.06402	07 58 30.35	+08 00 01.8		801
1981 SM	1994 03 21.09534	07 35 46.58	+20 30 46.1		801	1987 EV	1994 03 12.30431	13 50 28.57	−18 12 54.8		801
1981 TJ_4	1994 03 16.16473	10 21 30.08	+23 04 43.6		801	1987 EV	1994 03 12.33448	13 50 28.06	−18 12 59.1		801
1981 TJ_4	1994 03 16.18368	10 21 29.28	+23 04 44.1		801	1987 EV	1994 03 21.35815	13 46 51.54	−18 26 39.4		801
1981 UM_{22}	1993 12 13.31161	06 48 38.57	+18 28 49.2	V	801	1987 EV	1994 03 21.38247	13 46 50.71	−18 26 39.6		801
1981 UM_{22}	1993 12 13.32821	06 48 37.86	+18 28 49.7	V	801	1987 HA	1994 03 12.39731	15 43 04.30	+12 55 29.6		801
1982 RM_1	1994 03 12.23204	12 02 44.79	−07 48 46.1		801	1987 HA	1994 03 16.35606	15 43 33.89	+12 57 47.5		801
1982 RM_1	1994 03 12.24404	12 02 44.06	−07 48 44.4		801	1987 HA	1994 03 16.40900	15 43 33.83	+12 57 49.0		801
1982 RM_1	1994 03 21.29818	11 53 20.56	−07 20 19.1		801	1987 HS	1994 03 12.31233	14 14 35.38	+19 05 58.3		801
1982 RM_1	1994 03 21.31369	11 53 19.54	−07 20 15.7		801	1987 HS	1994 03 12.32585	14 14 35.17	+19 06 11.7		801
1982 TB_2	1994 03 21.15637	09 33 51.28	+07 00 16.4		801	1987 HS	1994 03 16.30693	14 13 49.22	+20 11 37.2		801
1982 TB_2	1994 03 21.18531	09 33 50.53	+07 00 21.7		801	1987 HS	1994 03 16.32133	14 13 48.98	+20 11 51.4		801
1982 VV_{10}	1994 02 07.28580	10 44 56.98	+11 59 13.1		801	1987 QY_{10}	1994 02 07.05900	05 31 23.40	+13 41 47.8		801
1982 VV_{10}	1994 02 07.30650	10 44 55.97	+11 59 21.9		801	1987 QY_{10}	1994 03 12.99141	05 44 22.99	+16 33 21.2		801
1982 VV_{10}	1994 03 12.16536	10 14 29.29	+15 31 23.7		801	1987 QR_{11}	1994 03 12.17057	10 20 02.81	+00 47 53.8		801
1982 VV_{10}	1994 03 12.17850	10 14 28.65	+15 31 27.6		801	1987 QR_{11}	1994 03 12.18376	10 20 02.09	+00 47 56.1		801
1983 AN_2	1994 03 21.21241	10 00 44.25	+27 30 03.4		801	1987 RT_3	1994 03 12.08795	08 55 51.23	+15 39 02.5		801
1983 AN_2	1994 03 21.28772	10 00 41.76	+27 30 03.4		801	1987 RT_3	1994 03 12.11093	08 55 50.58	+15 39 01.2	G	801
1983 NR	1994 03 13.09576	09 41 27.63	+04 38 12.9		801	1987 UN	1994 03 16.31718	14 38 55.37	−06 18 41.3		801
1983 NR	1994 03 13.10935	09 41 27.09	+04 38 11.4	I	801	1987 UN	1994 03 16.35333	14 38 54.60	−06 18 40.5		801
1983 NR	1994 03 21.16824	09 35 40.67	+04 48 16.5		801	1988 JN	1994 03 12.35819	16 56 59.97	+03 07 15.5		801
1983 NR	1994 03 21.19253	09 35 39.74	+04 48 18.0		801	1988 JN	1994 03 12.37557	16 57 00.73	+03 07 23.1		801
1983 RY_4	1994 02 08.17896	07 57 31.80	+11 32 11.3		801	1988 JN	1994 03 16.36508	16 59 52.76	+03 37 17.3		801
1983 RY_4	1994 02 08.19833	07 57 30.84	+11 32 14.4		801	1988 JN	1994 03 16.38397	16 59 53.50	+03 37 25.7		801
1983 XH_1	1994 03 16.16082	10 19 15.59	+07 40 18.5		801	1988 TN	1994 03 12.26333	12 24 32.75	−00 37 49.4		801
1983 XH_1	1994 03 16.18132	10 19 14.82	+07 40 27.0		801	1988 TN	1994 03 12.28030	12 24 31.81	−00 37 45.2		801
1984 DY	1993 12 13.08418	03 03 01.22	+18 10 52.9		801	1988 VP	1994 03 21.31133	12 02 42.24	+21 14 29.9		801
1984 JA_2	1994 03 12.24035	12 19 11.13	+12 56 02.8		801	1988 VP	1994 03 21.32597	12 02 41.32	+21 14 31.7		801
1984 JA_2	1994 03 12.25493	12 19 10.42	+12 56 06.4		801	1988 VQ_2	1994 02 15.14936	07 08 25.84	+42 55 44.1		801
1984 JA_2	1994 03 21.31797	12 11 48.32	+13 31 52.8		801	1988 VQ_2	1994 02 15.18086	07 08 24.70	+42 55 39.7		801
1984 JA_2	1994 03 21.33700	12 11 47.35	+13 31 56.1		801	1988 XX_1	1994 03 12.23440	12 03 51.48	+11 49 35.5		801
1985 FD	1994 03 16.34623	15 11 24.57	+03 53 22.1		801	1988 XX_1	1994 03 12.24699	12 03 50.69	+11 49 37.6	r	801

1989 AG	1994 03 12.36440	14 43 08.48	+03 16 01.2		801	1991 CM_5	1994 03 21.35569	13 33 17.65	+34 54 39.3		801
1989 AG	1994 03 16.34028	14 42 26.60	+03 36 46.2		801	1991 EU	1994 03 12.05146	07 02 48.26	+25 49 55.2		801
1989 AG	1994 03 16.37574	14 42 26.04	+03 36 56.4	I	801	1991 EU	1994 03 12.07101	07 02 49.13	+25 49 55.7		801
1989 AN_1	1994 02 14.34678	11 45 57.41	+04 42 38.2		801	1991 EU	1994 03 21.04796	07 11 00.53	+25 43 39.0		801
1989 AN_1	1994 03 12.20167	11 26 43.93	+06 43 06.9		801	1991 EU	1994 03 21.06273	07 11 01.48	+25 43 37.1		801
1989 AN_1	1994 03 12.21502	11 26 43.22	+06 43 10.9		801	1991 FC	1994 03 16.39857	16 58 25.76	−04 41 44.6		801
1989 EQ	1994 03 12.07343	08 22 20.24	+18 28 03.8		801	1991 FC	1994 03 16.40605	16 58 26.20	−04 41 37.4		801
1989 EQ	1994 03 12.11747	08 22 19.76	+18 27 57.0		801	1991 JD_1	1994 03 12.12652	09 35 33.70	−01 12 36.3		801
1989 GB_1	1994 03 12.12897	09 38 25.42	+06 06 23.9		801	1991 JD_1	1994 03 21.15085	09 29 55.70	−00 17 45.1		801
1989 GB_1	1994 03 12.14777	09 38 24.87	+06 06 27.3	f	801	1991 JD_1	1994 03 21.17146	09 29 55.06	−00 17 37.9		801
1989 GB_1	1994 03 21.15297	09 34 30.23	+06 47 04.0		801	1991 JS_1	1994 03 16.29888	13 36 35.26	−02 34 23.4		801
1989 GB_1	1994 03 21.17814	09 34 29.64	+06 47 11.2		801	1991 JS_1	1994 03 16.31902	13 36 34.61	−02 34 14.5		801
1989 NB_1	1994 03 16.36228	16 10 52.24	+01 16 02.5		801	1991 JS_1	1994 03 21.34935	13 33 34.58	−02 00 45.1		801
1989 NB_1	1994 03 16.38863	16 10 52.83	+01 16 09.1		801	1991 JS_1	1994 03 21.36792	13 33 33.78	−02 00 38.2		801
1989 SL_1	1994 02 07.19476	08 10 06.97	+21 05 34.1		801	1991 NG	1994 03 12.12133	09 29 58.27	−04 03 21.5		801
1989 SL_1	1994 02 07.20976	08 10 06.06	+21 05 39.3		801	1991 NG	1994 03 12.13799	09 29 57.54	−04 03 16.6		801
1989 SL_1	1994 02 15.27491	08 03 18.91	+21 47 39.5		801	1991 NG	1994 03 21.14391	09 24 31.97	−03 21 08.1		801
1989 SL_1	1994 02 15.29625	08 03 17.98	+21 47 46.0		801	1991 NG	1994 03 21.16554	09 24 31.41	−03 21 00.5		801
1989 SL_1	1994 03 13.03552	07 56 28.97	+22 59 02.4		801	1991 NQ	1994 03 13.09322	09 25 07.12	−12 47 02.9		801
1989 SL_1	1994 03 13.07760	07 56 29.40	+22 59 04.5		801	1991 NQ	1994 03 13.10747	09 25 06.25	−12 47 00.3		801
1989 TX_{15}	1993 12 10.25708	06 14 43.73	+32 56 11.8		801	1991 NQ	1994 03 21.14212	09 18 18.62	−12 27 47.1		801
1989 WH_4	1994 03 12.19120	10 28 23.41	+13 51 24.8		801	1991 NQ	1994 03 21.16098	09 18 17.78	−12 27 44.5		801
1989 WH_4	1994 03 12.20539	10 28 22.70	+13 51 28.9		801	1991 NU	1994 03 12.08532	08 45 11.11	−02 57 20.7		801
1989 WH_4	1994 03 16.17314	10 25 14.14	+14 15 31.3		801	1991 NU	1994 03 12.10557	08 45 10.59	−02 57 12.4		801
1989 WH_4	1994 03 16.18845	10 25 13.43	+14 15 35.7		801	1991 NT_2	1994 03 12.16313	10 10 24.20	−04 20 27.5		801
1989 WO_7	1994 03 12.20016	11 25 33.08	+13 18 36.7		801	1991 NT_2	1994 03 12.17612	10 10 23.55	−04 20 25.1		801
1989 WO_7	1994 03 12.21334	11 25 32.30	+13 18 42.4		801	1991 NV_3	1994 02 07.25376	09 59 58.02	+16 30 24.1		801
1989 WO_7	1994 03 16.20931	11 21 45.45	+13 43 35.1		801	1991 NV_3	1994 02 07.26774	09 59 57.35	+16 30 28.5		801
1989 WO_7	1994 03 16.29410	11 21 40.46	+13 44 04.1		801	1991 NV_3	1994 03 12.12383	09 34 07.74	+18 44 26.4	V	801
1989 YR	1994 03 13.09852	09 51 15.18	+17 00 35.5		801	1991 NV_3	1994 03 12.14172	09 34 07.17	+18 44 28.3	W	801
1989 YR	1994 03 13.12412	09 51 14.24	+17 00 40.1		801	1991 NV_3	1994 03 21.14752	09 29 36.76	+19 00 39.6		801
1989 YA_2	1994 02 08.17112	07 52 50.24	+16 21 39.8		801	1991 NV_3	1994 03 21.17506	09 29 36.04	+19 00 41.1		801
1989 YA_2	1994 02 08.18843	07 52 49.47	+16 21 38.6		801	1991 PZ_{11}	1994 03 16.18688	10 28 58.35	−04 10 44.0		801
1990 BU	1994 02 07.18987	08 06 50.21	+26 24 44.0		801	1991 PZ_{11}	1994 03 16.20313	10 28 57.46	−04 10 40.8		801
1990 BU	1994 02 07.20596	08 06 49.20	+26 24 42.5		801	1991 PS_{12}	1994 03 12.30828	14 05 42.69	+01 58 20.1		801
1990 BU	1994 03 13.03779	07 48 09.30	+24 44 05.8		801	1991 PS_{12}	1994 03 12.32825	14 05 42.36	+01 58 31.4		801
1990 BU	1994 03 13.07060	07 48 09.11	+24 43 57.5		801	1991 PS_{12}	1994 03 16.30483	14 04 29.25	+02 36 05.9		801
1990 BU	1994 03 21.07736	07 48 22.88	+24 11 29.6		801	1991 PS_{12}	1994 03 16.32571	14 04 28.77	+02 36 18.5		801
1990 BU	1994 03 21.12506	07 48 23.23	+24 11 17.2		801	1991 PW_{12}	1994 03 13.02462	06 17 29.99	+24 06 24.7		801
1990 HM_1	1993 12 13.08968	03 02 55.29	+11 47 32.1		801	1991 PW_{12}	1994 03 13.05679	06 17 30.95	+24 06 23.0		801
1990 KG	1994 03 12.26104	12 22 54.20	+24 58 44.8		801	1991 RY_{16}	1994 03 12.22929	12 01 38.08	+11 25 04.5		801
1990 KG	1994 03 12.27784	12 22 53.47	+24 58 56.9		801	1991 RY_{16}	1994 03 12.24214	12 01 37.45	+11 25 08.2		801
1990 KG	1994 03 21.32837	12 16 10.43	+26 34 36.7		801	1991 RY_{16}	1994 03 21.30017	11 53 58.51	+12 05 25.9		801
1990 KG	1994 03 21.34141	12 16 09.79	+26 34 43.8		801	1991 RY_{16}	1994 03 21.31543	11 53 57.70	+12 05 29.6		801
1990 WK	1994 03 12.29994	13 45 33.42	+01 25 31.1		801	1991 SY	1994 03 12.19566	11 03 35.47	+23 22 40.5		801
1990 WK	1994 03 12.32308	13 45 32.84	+01 25 36.1		801	1991 SY	1994 03 12.20853	11 03 34.64	+23 22 41.0		801
1990 WK	1994 03 16.30096	13 43 46.67	+01 39 52.7		801	1991 SY	1994 03 16.20081	10 59 28.68	+23 23 08.4	r	801
1990 WK	1994 03 16.32420	13 43 45.99	+01 39 57.8		801	1991 SY	1994 03 16.21697	10 59 27.72	+23 23 08.6	r	801
1991 CU_1	1993 12 13.16368	03 45 25.25	+23 07 33.9		801	1991 UZ_2	1994 03 12.30213	13 49 31.40	−09 29 47.9		801
1991 CM_5	1994 03 12.29466	13 37 45.12	+31 50 08.2		801	1991 UZ_2	1994 03 12.33038	13 49 30.85	−09 29 43.8		801
1991 CM_5	1994 03 12.30637	13 37 44.86	+31 50 23.8		801	1991 UZ_2	1994 03 16.30344	13 48 13.15	−09 18 09.5		801
1991 CM_5	1994 03 21.34623	13 33 18.06	+34 54 28.9		801	1991 UZ_2	1994 03 16.33097	13 48 12.43	−09 18 03.7		801

1992 JN_1	1993 12 13.07640	02 52 38.92	+04 29 34.0		801
1992 SG	1994 03 13.10218	10 11 01.74	+21 14 17.0		801
1992 SG	1994 03 13.12153	10 11 00.61	+21 14 12.9		801
1992 SG	1994 03 21.21711	10 04 13.11	+20 40 22.2		801
1992 SG	1994 03 21.29156	10 04 09.76	+20 39 59.8		801
1992 SN_1	1994 02 07.33405	11 58 36.41	+11 57 25.9		801
1992 SN_1	1994 02 07.35980	11 58 35.42	+11 57 29.6		801
1992 SR_2	1994 03 12.04772	06 10 43.81	+38 34 22.4		801
1992 SW_{17}	1994 03 12.09229	09 00 16.12	+01 55 31.4	W	801
1992 SW_{17}	1994 03 21.12837	08 56 34.45	+02 23 02.0		801
1992 SX_{17}	1994 03 13.04462	08 09 30.90	+35 23 37.3		801
1992 SX_{17}	1994 03 13.06616	08 09 30.63	+35 23 26.9		801
1992 SX_{17}	1994 03 21.09192	08 08 55.34	+34 18 09.7		801
1992 SX_{17}	1994 03 21.11948	08 08 55.35	+34 17 55.9		801
1992 UU	1994 03 12.19809	11 16 25.64	+14 47 46.2		801
1992 UU	1994 03 12.21046	11 16 24.90	+14 47 48.7		801
1992 UU	1994 03 16.20727	11 12 23.91	+14 57 48.7		801
1992 UU	1994 03 16.22106	11 12 23.07	+14 57 50.0		801
1992 UB_1	1994 03 12.07795	08 39 15.97	+08 33 00.1		801
1992 UB_1	1994 03 12.10289	08 39 15.27	+08 33 06.1		801
1992 UC_4	1994 03 13.10044	09 54 27.39	+16 05 07.3		801
1992 UC_4	1994 03 13.12654	09 54 26.48	+16 05 11.8		801
1992 UC_4	1994 03 21.20013	09 50 33.26	+16 28 28.0		801
1992 UC_4	1994 03 21.28587	09 50 31.14	+16 28 38.9		801
1992 WT	1994 03 12.26509	12 42 29.89	+06 37 17.8		801
1992 WT	1994 03 12.28206	12 42 28.98	+06 37 23.5		801
1992 WT	1994 03 21.32994	12 34 02.00	+07 25 49.6		801
1992 WT	1994 03 21.34304	12 34 01.20	+07 25 53.4		801
1992 WR_3	1994 03 12.31497	14 16 26.36	+08 03 58.8		801
1992 WR_3	1994 03 12.33218	14 16 26.01	+08 04 05.9		801
1992 WR_3	1994 03 16.30933	14 14 58.10	+08 29 12.2		801
1992 WR_3	1994 03 16.32741	14 14 57.63	+08 29 18.8		801
1992 WC_8	1994 02 07.27950	10 33 46.90	+12 54 24.9		801
1992 WC_8	1994 02 07.30192	10 33 45.90	+12 54 32.2		801
1992 WC_8	1994 03 12.16060	10 07 45.25	+15 43 09.0		801
1992 WC_8	1994 03 12.17366	10 07 44.68	+15 43 12.4		801
1992 WC_8	1994 03 21.21502	10 02 10.70	+16 11 41.5		801
1992 WC_8	1994 03 21.28991	10 02 08.29	+16 11 51.6		801
1993 TA	1994 03 12.00167	04 22 51.06	−03 27 32.3		801
1993 TA	1994 03 12.01075	04 22 52.52	−03 27 20.2		801
1993 TA	1994 03 21.00198	04 45 22.54	−00 23 22.0		801
1993 TA	1994 03 21.00806	04 45 23.48	−00 23 12.5		801
1993 VV_7	1994 03 12.00697	04 36 11.65	+14 33 01.3		801
1993 VV_7	1994 03 12.01500	04 36 12.52	+14 33 11.8		801
1993 XT	1994 03 12.99407	06 19 38.75	+31 22 34.8	I	801
1993 XT	1994 03 13.02162	06 19 39.58	+31 22 34.9		801
1994 AE_2	1994 03 12.06231	07 36 41.06	+27 53 59.9		801
1994 AE_2	1994 03 12.11927	07 36 40.96	+27 54 07.7		801
1994 AE_2	1994 03 21.05944	07 38 09.37	+28 07 17.1		801
1994 AE_2	1994 03 21.09839	07 38 10.17	+28 07 18.0		801
1994 AH_2	1994 03 13.00266	03 42 17.61	+11 38 21.4	W	801
1994 AH_2	1994 03 13.01076	03 42 18.48	+11 38 29.9	W	801
4862 T-1	1994 03 21.36361	14 27 01.41	−08 45 07.3		801
4862 T-1	1994 03 21.38443	14 27 00.98	−08 44 57.7		801
2400 T-3	1994 03 12.16812	10 14 57.21	+08 26 49.5		801
2400 T-3	1994 03 12.18174	10 14 56.41	+08 26 52.4		801
4045 T-3	1994 03 12.20367	11 28 26.74	+12 27 03.9		801
4045 T-3	1994 03 12.22502	11 28 25.57	+12 27 13.6		801
(1403)	1994 03 12.39229	17 56 36.35	−13 02 40.6		801
(1403)	1994 03 12.40523	17 56 37.34	−13 02 38.3		801
(1403)	1994 03 16.39576	18 01 17.22	−12 49 55.2		801
(1403)	1994 03 16.40333	18 01 17.73	−12 49 54.8		801
(1620)	1994 03 12.02404	06 00 07.54	+31 03 18.1		801
(1620)	1994 03 12.03537	06 00 08.09	+31 03 04.7		801
(1620)	1994 03 21.04101	06 09 58.44	+28 09 13.4		801
(2301)	1994 03 21.01422	05 40 17.43	+29 32 35.4		801
(2301)	1994 03 21.03184	05 40 18.84	+29 32 37.4		801
(3352)	1994 03 12.33995	14 46 05.82	−03 02 49.2		801
(3352)	1994 03 12.36659	14 46 05.55	−03 02 40.6		801
(3352)	1994 03 16.34287	14 45 17.98	−02 39 04.7		801
(3352)	1994 03 16.36855	14 45 17.35	−02 38 55.5	G	801
(5794)	1993 12 13.13456	03 39 11.12	+11 38 23.7		801
(5794)	1993 12 13.15339	03 39 10.40	+11 38 22.6		801
(5804)	1993 12 13.17713	04 23 57.73	+11 13 25.6		801
(5805)	1993 12 13.07853	02 56 40.49	+27 41 23.7	w	801
(5805)	1993 12 13.09470	02 56 39.89	+27 41 15.0		801
(5815)	1993 12 13.17309	04 14 45.22	+03 51 30.2		801
(5830)	1993 12 13.13073	03 29 53.53	+22 23 48.1		801
(5831)	1993 12 13.16953	03 45 58.92	+20 29 01.1		801
(5859)	1994 03 12.15861	10 04 40.77	+13 21 45.3		801
(5859)	1994 03 12.17186	10 04 40.17	+13 21 49.3		801
(5884)	1994 03 12.05660	07 26 59.41	+12 14 48.7		801
(5884)	1994 03 12.08308	07 27 00.04	+12 14 54.9		801
(5884)	1994 03 21.05399	07 31 50.16	+12 44 34.7		801
(5884)	1994 03 21.07072	07 31 50.77	+12 44 38.2		801

809 European Southern Observatory

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

Measurer E. W. Elst

1.0-m Schmidt

1976 SZ_9	1993 08 20.27743	23 27 12.72	−06 46 09.2	18.0	809
1976 SZ_9	1993 08 20.29271	23 27 12.22	−06 46 11.6		809
1976 SZ_9	1993 08 20.30799	23 27 11.67	−06 46 14.5		809
1976 SZ_9	1993 08 24.24306	23 24 47.76	−06 58 16.3		809
1976 SZ_9	1993 08 24.25625	23 24 47.19	−06 58 19.2		809
1976 SZ_9	1993 08 24.26944	23 24 46.64	−06 58 22.4		809
1980 FW_2	1993 08 20.27743	23 32 38.19	−03 01 25.5	18.3	809
1980 FW_2	1993 08 20.29271	23 32 37.65	−03 01 29.1		809
1980 FW_2	1993 08 20.30799	23 32 37.08	−03 01 32.4		809
1980 FW_2	1993 08 24.24306	23 30 13.52	−03 16 30.8		809
1980 FW_2	1993 08 24.25625	23 30 12.98	−03 16 34.4		809
1980 FW_2	1993 08 24.26944	23 30 12.45	−03 16 37.6		809
1980 PX	1993 08 20.27743	23 26 36.40	−03 15 03.0	17.5	809

1980 PX	1993 08 20.29271	23 26 36.03	−03 15 08.5		809
1980 PX	1993 08 20.30799	23 26 35.62	−03 15 13.1		809
1980 PX	1993 08 24.24306	23 25 06.24	−03 36 52.8		809
1980 PX	1993 08 24.25625	23 25 05.81	−03 36 58.4		809
1980 PX	1993 08 24.26944	23 25 05.39	−03 37 02.9		809
1981 EF_{18}	1993 10 21.18611	01 44 00.50	+06 27 53.2	18.1	809
1981 EF_{18}	1993 10 21.19931	01 43 59.81	+06 27 46.8		809
1981 EF_{18}	1993 10 21.21250	01 43 59.07	+06 27 40.0		809
1986 QQ	1993 08 20.27743	23 44 08.81	−03 56 54.4	18.0	809
1986 QQ	1993 08 20.29271	23 44 08.15	−03 56 56.1		809
1986 QQ	1993 08 20.30799	23 44 07.53	−03 56 58.7		809
1986 QE_2	1993 10 21.18611	01 54 31.96	+03 21 28.3	18.0	809
1986 QE_2	1993 10 21.19931	01 54 31.19	+03 21 23.9		809
1986 QE_2	1993 10 21.21250	01 54 30.29	+03 21 19.6		809
1986 TC	1993 08 20.27743	23 42 57.32	−03 41 42.9	18.2	809
1986 TC	1993 08 20.29271	23 42 56.69	−03 41 42.4		809
1986 TC	1993 08 20.30799	23 42 56.06	−03 41 42.0		809
1988 LC	1993 08 20.27743	23 40 57.64	−03 13 54.4	17.7	809
1988 LC	1993 08 20.29271	23 40 57.08	−03 14 01.8		809
1988 LC	1993 08 20.30799	23 40 56.54	−03 14 09.2		809
1988 LC	1993 08 24.24306	23 38 31.91	−03 47 08.8		809
1988 LC	1993 08 24.25625	23 38 31.35	−03 47 15.8		809
1988 LC	1993 08 24.26944	23 38 30.79	−03 47 22.2		809
1991 GB_3	1993 08 20.27743	23 32 46.00	−03 36 38.1	18.3	809
1991 GB_3	1993 08 20.29271	23 32 45.46	−03 36 40.6		809
1991 GB_3	1993 08 20.30799	23 32 44.93	−03 36 43.8		809
1991 GB_3	1993 08 24.24306	23 30 26.44	−03 51 21.4		809
1991 GB_3	1993 08 24.25625	23 30 25.90	−03 51 24.3		809
1991 GB_3	1993 08 24.26944	23 30 25.42	−03 51 28.5		809
1993 QD_3	1993 08 24.24306	23 20 20.08	−04 28 53.0		809
1993 QD_3	1993 08 24.25625	23 20 19.53	−04 28 58.9		809
1993 QD_3	1993 08 24.26944	23 20 19.00	−04 29 04.8		809
1993 QE_3	1993 08 20.27743	23 23 51.42	−06 16 36.2	18.2	809
1993 QE_3	1993 08 20.29271	23 23 51.09	−06 16 42.6		809
1993 QE_3	1993 08 20.30799	23 23 50.74	−06 16 48.8		809
1993 QE_3	1993 08 24.24306	23 22 28.05	−06 45 57.0		809
1993 QE_3	1993 08 24.25625	23 22 27.62	−06 46 03.7		809
1993 QE_3	1993 08 24.26944	23 22 27.26	−06 46 10.1		809
1993 QF_3	1993 08 20.27743	23 23 51.66	−04 25 22.7	18.4	809
1993 QF_3	1993 08 20.29271	23 23 51.03	−04 25 27.0		809
1993 QF_3	1993 08 20.30799	23 23 50.55	−04 25 29.4		809
1993 QF_3	1993 08 24.24306	23 21 27.59	−04 42 37.4	18.3	809
1993 QF_3	1993 08 24.25625	23 21 27.13	−04 42 41.3		809
1993 QF_3	1993 08 24.26944	23 21 26.60	−04 42 45.1		809
1993 QJ_3	1993 08 20.27743	23 24 08.12	−03 41 10.2	18.0	809
1993 QJ_3	1993 08 20.29271	23 24 07.51	−03 41 13.1		809
1993 QJ_3	1993 08 20.30799	23 24 06.89	−03 41 15.3		809
1993 QJ_3	1993 08 24.24306	23 21 35.26	−03 53 20.5	18.1	809
1993 QJ_3	1993 08 24.25625	23 21 34.59	−03 53 23.8		809
1993 QJ_3	1993 08 24.26944	23 21 34.06	−03 53 26.7		809
1993 QN_3	1993 08 20.27743	23 25 56.03	−03 56 20.0	18.2	809
1993 QN_3	1993 08 20.29271	23 25 55.37	−03 56 25.7		809
1993 QN_3	1993 08 20.30799	23 25 54.84	−03 56 31.2		809
1993 QN_3	1993 08 24.24306	23 23 25.07	−04 20 58.4		809
1993 QN_3	1993 08 24.25625	23 23 24.52	−04 21 03.3		809
1993 QN_3	1993 08 24.26944	23 23 23.96	−04 21 08.8		809
1993 QO_3	1993 08 20.27743	23 27 05.95	−05 55 17.7	18.3	809
1993 QO_3	1993 08 20.29271	23 27 05.40	−05 55 25.1		809
1993 QO_3	1993 08 20.30799	23 27 04.90	−05 55 31.9		809
1993 QO_3	1993 08 24.24306	23 24 58.16	−06 26 11.8		809
1993 QO_3	1993 08 24.25625	23 24 57.73	−06 26 17.3		809
1993 QO_3	1993 08 24.26944	23 24 57.25	−06 26 24.4		809
1993 QR_3	1993 08 20.27743	23 28 28.23	−05 08 24.8	18.1	809
1993 QR_3	1993 08 20.29271	23 28 27.60	−05 08 34.4		809
1993 QR_3	1993 08 20.30799	23 28 27.04	−05 08 43.8		809
1993 QR_3	1993 08 24.24306	23 25 45.29	−05 49 58.9		809
1993 QR_3	1993 08 24.25625	23 25 44.71	−05 50 06.4		809
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1993 QS_3	1993 08 20.27743	23 29 09.36	−04 28 24.5	18.4	809
1993 QS_3	1993 08 20.29271	23 29 08.74	−04 28 28.1		809
1993 QS_3	1993 08 20.30799	23 29 08.00	−04 28 32.2		809
1993 QS_3	1993 08 24.24306	23 25 58.70	−04 45 52.3		809
1993 QS_3	1993 08 24.25625	23 25 57.99	−04 45 55.2		809
1993 QS_3	1993 08 24.26944	23 25 57.27	−04 45 58.7		809
1993 QV_3	1993 08 20.27743	23 29 32.13	−04 44 01.1	18.3	809
1993 QV_3	1993 08 20.29271	23 29 31.32	−04 44 00.3		809
1993 QV_3	1993 08 20.30799	23 29 30.46	−04 44 01.3		809
1993 QV_3	1993 08 24.24306	23 25 57.49	−04 45 16.3		809
1993 QV_3	1993 08 24.25625	23 25 56.68	−04 45 16.7		809
1993 QV_3	1993 08 24.26944	23 25 55.92	−04 45 17.7		809
1993 QW_3	1993 08 20.27743	23 30 23.82	−03 27 20.4	18.3	809
1993 QW_3	1993 08 20.29271	23 30 23.12	−03 27 20.2		809
1993 QW_3	1993 08 20.30799	23 30 22.48	−03 27 19.6		809
1993 QW_3	1993 08 24.24306	23 27 32.14	−03 25 40.3		809
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1993 QW_3	1993 08 24.26944	23 27 30.82	−03 25 39.8		809
1993 QX_3	1993 08 20.27743	23 30 33.45	−04 47 56.3	18.5	809
1993 QX_3	1993 08 20.29271	23 30 32.73	−04 47 58.7		809
1993 QX_3	1993 08 20.30799	23 30 32.02	−04 47 59.1		809
1993 QX_3	1993 08 24.24306	23 27 45.44	−04 53 51.4		809
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1993 QX_3	1993 08 24.26944	23 27 44.22	−04 53 54.0		809
1993 QY_3	1993 08 20.27743	23 31 53.39	−04 03 08.8	18.5	809
1993 QY_3	1993 08 20.29271	23 31 52.92	−04 03 16.1		809
1993 QY_3	1993 08 20.30799	23 31 52.39	−04 03 23.4		809
1993 QY_3	1993 08 24.24306	23 29 52.14	−04 34 44.1		809
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1993 QY_3	1993 08 24.26944	23 29 51.32	−04 34 57.4		809
1993 QZ_3	1993 08 20.27743	23 32 04.06	−05 42 42.0	18.3	809
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1993 QZ_3	1993 08 24.24306	23 30 01.67	−06 17 59.9		809
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1993 QC_4	1993 08 20.27743	23 33 59.41	−03 48 07.7	18.3	809
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1993 QC_4	1993 08 20.30799	23 33 58.69	−03 48 24.4		809
1993 QC_4	1993 08 24.24306	23 32 22.44	−04 28 05.2		809
1993 QC_4	1993 08 24.25625	23 32 22.09	−04 28 15.1		809
1993 QC_4	1993 08 24.26944	23 32 21.66	−04 28 24.0		809
1993 QD_4	1993 08 20.27743	23 34 06.37	−03 34 39.1	18.1	809
1993 QD_4	1993 08 20.29271	23 34 05.73	−03 34 41.1		809
1993 QD_4	1993 08 20.30799	23 34 05.13	−03 34 43.2		809
1993 QD_4	1993 08 24.24306	23 31 25.00	−03 44 20.2		809
1993 QD_4	1993 08 24.25625	23 31 24.38	−03 44 22.6		809
1993 QD_4	1993 08 24.26944	23 31 23.75	−03 44 24.9		809
1993 QE_4	1993 08 20.27743	23 34 14.32	−05 25 14.7	18.2	809
1993 QE_4	1993 08 20.29271	23 34 13.54	−05 25 17.9		809
1993 QE_4	1993 08 20.30799	23 34 12.92	−05 25 21.4		809
1993 QE_4	1993 08 24.24306	23 31 22.99	−05 40 16.2		809
1993 QE_4	1993 08 24.25625	23 31 22.31	−05 40 20.0		809
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1993 QF_4	1993 08 20.27743	23 35 29.29	−05 29 17.5	18.2	809
1993 QF_4	1993 08 20.29271	23 35 28.74	−05 29 23.4		809
1993 QF_4	1993 08 20.30799	23 35 28.21	−05 29 30.0		809
1993 QF_4	1993 08 24.24306	23 33 14.86	−05 57 22.0		809
1993 QF_4	1993 08 24.25625	23 33 14.42	−05 57 27.2		809
1993 QF_4	1993 08 24.26944	23 33 13.87	−05 57 33.2		809
1993 QG_4	1993 08 20.27743	23 36 14.16	−03 43 24.6	18.3	809
1993 QG_4	1993 08 20.29271	23 36 13.84	−03 43 28.8		809
1993 QG_4	1993 08 20.30799	23 36 13.50	−03 43 32.7		809
1993 QG_4	1993 08 24.24306	23 34 52.36	−04 04 36.3		809
1993 QG_4	1993 08 24.25625	23 34 52.03	−04 04 40.9		809
1993 QG_4	1993 08 24.26944	23 34 51.64	−04 04 45.2		809
1993 QH_4	1993 08 20.27743	23 35 53.55	−04 46 10.6	18.0	809
1993 QH_4	1993 08 20.29271	23 35 53.06	−04 46 14.5		809
1993 QH_4	1993 08 20.30799	23 35 52.58	−04 46 18.5		809
1993 QH_4	1993 08 24.24306	23 33 56.12	−05 03 57.3		809
1993 QH_4	1993 08 24.25625	23 33 55.66	−05 04 01.2		809
1993 QH_4	1993 08 24.26944	23 33 55.17	−05 04 04.8		809
1993 QK_4	1993 08 20.27743	23 36 06.21	−05 53 26.9	18.3	809
1993 QK_4	1993 08 20.29271	23 36 05.57	−05 53 31.5		809
1993 QK_4	1993 08 20.30799	23 36 05.01	−05 53 36.4		809
1993 QK_4	1993 08 24.24306	23 33 39.55	−06 15 01.8		809
1993 QK_4	1993 08 24.25625	23 33 39.02	−06 15 06.4		809
1993 QK_4	1993 08 24.26944	23 33 38.50	−06 15 11.2		809
1993 QL_4	1993 08 20.27743	23 36 46.81	−04 42 59.5	18.2	809
1993 QL_4	1993 08 20.29271	23 36 46.42	−04 43 05.3		809
1993 QL_4	1993 08 20.30799	23 36 45.97	−04 43 11.4		809
1993 QL_4	1993 08 24.24306	23 35 01.81	−05 08 57.2		809
1993 QL_4	1993 08 24.25625	23 35 01.33	−05 09 02.5		809
1993 QL_4	1993 08 24.26944	23 35 00.92	−05 09 07.5		809
1993 QM_4	1993 08 20.27743	23 36 30.37	−04 03 39.6	18.3	809
1993 QM_4	1993 08 20.29271	23 36 29.66	−04 03 43.1		809
1993 QM_4	1993 08 20.30799	23 36 29.10	−04 03 46.2		809
1993 QM_4	1993 08 24.24306	23 33 54.56	−04 18 43.2		809
1993 QM_4	1993 08 24.25625	23 33 53.94	−04 18 46.7		809
1993 QM_4	1993 08 24.26944	23 33 53.36	−04 18 50.2		809
1993 QN_4	1993 08 20.27743	23 36 49.13	−06 14 08.4	18.0	809
1993 QN_4	1993 08 20.29271	23 36 48.62	−06 14 15.8		809
1993 QN_4	1993 08 20.30799	23 36 48.08	−06 14 23.2		809
1993 QN_4	1993 08 24.24306	23 34 36.72	−06 46 14.0		809
1993 QN_4	1993 08 24.25625	23 34 36.24	−06 46 20.5		809
1993 QN_4	1993 08 24.26944	23 34 35.64	−06 46 27.8		809
1993 QO_4	1993 08 20.27743	23 36 58.46	−03 12 51.9	18.1	809
1993 QO_4	1993 08 20.29271	23 36 58.00	−03 12 56.2		809
1993 QO_4	1993 08 20.30799	23 36 57.53	−03 12 59.1		809
1993 QO_4	1993 08 24.24306	23 35 02.84	−03 29 34.6		809
1993 QO_4	1993 08 24.25625	23 35 02.40	−03 29 37.8		809
1993 QO_4	1993 08 24.26944	23 35 01.93	−03 29 41.0		809
1993 QP_4	1993 08 20.27743	23 38 39.29	−05 04 15.3	18.3	809
1993 QP_4	1993 08 20.29271	23 38 38.91	−05 04 19.9		809
1993 QP_4	1993 08 20.30799	23 38 38.56	−05 04 25.6		809
1993 QP_4	1993 08 24.24306	23 37 09.91	−05 27 38.4		809
1993 QP_4	1993 08 24.25625	23 37 09.49	−05 27 43.4		809
1993 QP_4	1993 08 24.26944	23 37 09.12	−05 27 48.0		809
1993 QR_4	1993 08 20.27743	23 38 45.08	−05 10 58.3	18.3	809
1993 QR_4	1993 08 20.29271	23 38 44.41	−05 11 01.3		809
1993 QR_4	1993 08 20.30799	23 38 43.81	−05 11 04.4		809
1993 QR_4	1993 08 24.24306	23 36 01.57	−05 25 46.3		809
1993 QR_4	1993 08 24.25625	23 36 00.97	−05 25 49.8		809
1993 QR_4	1993 08 24.26944	23 36 00.33	−05 25 52.4		809
1993 QS_4	1993 08 20.27743	23 38 46.42	−05 01 55.6	17.9	809
1993 QS_4	1993 08 20.29271	23 38 45.68	−05 01 52.7		809
1993 QS_4	1993 08 20.30799	23 38 44.94	−05 01 49.0		809
1993 QS_4	1993 08 24.24306	23 35 33.77	−04 48 16.7		809
1993 QS_4	1993 08 24.25625	23 35 33.05	−04 48 14.8		809
1993 QS_4	1993 08 24.26944	23 35 32.36	−04 48 11.9		809
1993 QT_4	1993 08 20.27743	23 39 48.77	−05 09 16.1	18.5	809
1993 QT_4	1993 08 20.29271	23 39 48.07	−05 09 14.9		809
1993 QT_4	1993 08 20.30799	23 39 47.43	−05 09 14.2		809
1993 QT_4	1993 08 24.24306	23 36 58.10	−05 05 27.8		809
1993 QT_4	1993 08 24.25625	23 36 57.38	−05 05 28.1		809
1993 QT_4	1993 08 24.26944	23 36 56.74	−05 05 27.3		809
1993 QU_4	1993 08 20.27743	23 40 30.89	−03 15 24.8	18.1	809
1993 QU_4	1993 08 20.29271	23 40 30.43	−03 15 33.1		809
1993 QU_4	1993 08 20.30799	23 40 29.95	−03 15 41.6		809
1993 QU_4	1993 08 24.24306	23 38 32.27	−03 54 37.6	18.2	809
1993 QU_4	1993 08 24.25625	23 38 31.78	−03 54 45.4		809
1993 QU_4	1993 08 24.26944	23 38 31.36	−03 54 54.1		809
1993 QV_4	1993 08 20.27743	23 40 22.82	−03 36 24.3	18.3	809
1993 QV_4	1993 08 20.29271	23 40 22.27	−03 36 27.0		809
1993 QV_4	1993 08 20.30799	23 40 21.71	−03 36 30.5		809
1993 QV_4	1993 08 24.24306	23 37 56.96	−03 50 52.2	18.4	809
1993 QV_4	1993 08 24.25625	23 37 56.41	−03 50 55.9		809
1993 QV_4	1993 08 24.26944	23 37 55.83	−03 50 58.5		809
1993 QC_6	* 1993 08 20.27743	23 23 23.75	−06 38 50.6	18.3	809
1993 QC_6	1993 08 20.29271	23 23 23.20	−06 38 54.9		809

1993 QC_6	1993 08 20.30799	23 23 22.63	−06 38 58.7			809
1993 QC_6	1993 08 24.24306	23 21 04.10	−06 57 00.8			809
1993 QC_6	1993 08 24.25625	23 21 03.57	−06 57 04.8			809
1993 QC_6	1993 08 24.26944	23 21 03.02	−06 57 08.2			809
1993 QD_6	* 1993 08 20.27743	23 24 05.56	−05 33 28.4	18.6		809
1993 QD_6	1993 08 20.29271	23 24 04.99	−05 33 37.4			809
1993 QD_6	1993 08 20.30799	23 24 04.37	−05 33 45.9			809
1993 QD_6	1993 08 24.24306	23 21 41.76	−06 09 44.4	18.6		809
1993 QD_6	1993 08 24.25625	23 21 41.32	−06 09 52.6			809
1993 QD_6	1993 08 24.26944	23 21 40.82	−06 09 58.4			809
1993 QE_6	* 1993 08 20.27743	23 24 46.57	−07 12 10.6	18.6		809
1993 QE_6	1993 08 20.29271	23 24 45.81	−07 12 10.9			809
1993 QE_6	1993 08 20.30799	23 24 44.92	−07 12 12.4			809
1993 QE_6	1993 08 24.24306	23 21 08.83	−07 16 26.8			809
1993 QE_6	1993 08 24.25625	23 21 08.03	−07 16 27.5			809
1993 QE_6	1993 08 24.26944	23 21 07.31	−07 16 29.7			809
1993 QF_6	* 1993 08 20.27743	23 24 51.11	−05 53 29.0	18.8		809
1993 QF_6	1993 08 20.29271	23 24 50.33	−05 53 30.7			809
1993 QF_6	1993 08 20.30799	23 24 49.59	−05 53 32.6			809
1993 QF_6	1993 08 24.24306	23 21 48.49	−06 04 36.6			809
1993 QF_6	1993 08 24.25625	23 21 47.71	−06 04 37.8			809
1993 QF_6	1993 08 24.26944	23 21 47.13	−06 04 40.7			809
1993 QG_6	* 1993 08 20.27743	23 24 57.53	−07 06 15.5	18.4		809
1993 QG_6	1993 08 20.29271	23 24 56.94	−07 06 22.2			809
1993 QG_6	1993 08 20.30799	23 24 56.36	−07 06 27.8			809
1993 QG_6	1993 08 24.24306	23 22 26.77	−07 31 11.7			809
1993 QG_6	1993 08 24.25625	23 22 26.29	−07 31 16.1			809
1993 QG_6	1993 08 24.26944	23 22 25.72	−07 31 21.7			809
1993 QH_6	* 1993 08 20.27743	23 24 58.86	−06 30 02.7	18.4		809
1993 QH_6	1993 08 20.29271	23 24 58.05	−06 30 04.9			809
1993 QH_6	1993 08 20.30799	23 24 57.29	−06 30 08.5			809
1993 QH_6	1993 08 24.24306	23 21 47.61	−06 42 35.9			809
1993 QH_6	1993 08 24.25625	23 21 47.06	−06 42 38.4			809
1993 QH_6	1993 08 24.26944	23 21 46.38	−06 42 40.9			809
1993 QJ_6	* 1993 08 20.27743	23 25 06.17	−05 15 48.5	18.8		809
1993 QJ_6	1993 08 20.29271	23 25 05.39	−05 15 51.7			809
1993 QJ_6	1993 08 20.30799	23 25 04.67	−05 15 57.2			809
1993 QJ_6	1993 08 24.24306	23 21 54.77	−05 36 40.0			809
1993 QJ_6	1993 08 24.25625	23 21 54.11	−05 36 44.6			809
1993 QJ_6	1993 08 24.26944	23 21 53.43	−05 36 48.7			809
1993 QK_6	* 1993 08 20.27743	23 25 07.62	−05 08 13.7	18.4		809
1993 QK_6	1993 08 20.29271	23 25 07.19	−05 08 23.8			809
1993 QK_6	1993 08 20.30799	23 25 06.76	−05 08 33.2			809
1993 QK_6	1993 08 24.24306	23 23 25.27	−05 51 40.8			809
1993 QK_6	1993 08 24.25625	23 23 24.86	−05 51 49.1			809
1993 QK_6	1993 08 24.26944	23 23 24.52	−05 51 58.4			809
1993 QL_6	* 1993 08 20.27743	23 25 30.40	−06 41 19.5	18.5		809
1993 QL_6	1993 08 20.29271	23 25 29.86	−06 41 20.7			809
1993 QL_6	1993 08 20.30799	23 25 29.37	−06 41 23.7			809
1993 QL_6	1993 08 24.24306	23 23 11.20	−06 50 28.7			809
1993 QL_6	1993 08 24.25625	23 23 10.72	−06 50 30.3			809
1993 QL_6	1993 08 24.26944	23 23 10.15	−06 50 33.3			809
1993 QM_6	* 1993 08 20.27743	23 25 37.61	−06 39 48.4	18.4		809
1993 QM_6	1993 08 20.29271	23 25 36.97	−06 39 53.7			809
1993 QM_6	1993 08 20.30799	23 25 36.32	−06 39 58.7			809
1993 QM_6	1993 08 24.24306	23 22 56.44	−07 05 19.3			809
1993 QM_6	1993 08 24.25625	23 22 55.82	−07 05 24.5			809
1993 QM_6	1993 08 24.26944	23 22 55.21	−07 05 30.5			809
1993 QN_6	* 1993 08 20.27743	23 25 37.95	−06 45 33.0	18.4		809
1993 QN_6	1993 08 20.29271	23 25 37.40	−06 45 37.4			809
1993 QN_6	1993 08 20.30799	23 25 36.83	−06 45 41.4			809
1993 QN_6	1993 08 24.24306	23 23 13.36	−07 04 18.3			809
1993 QN_6	1993 08 24.25625	23 23 12.81	−07 04 22.2			809
1993 QN_6	1993 08 24.26944	23 23 12.27	−07 04 26.0			809
1993 QO_6	* 1993 08 20.27743	23 25 49.40	−06 57 11.3	18.3		809
1993 QO_6	1993 08 20.29271	23 25 48.58	−06 57 11.1			809
1993 QO_6	1993 08 20.30799	23 25 47.82	−06 57 12.2			809
1993 QO_6	1993 08 24.24306	23 22 45.14	−06 59 16.7			809
1993 QO_6	1993 08 24.25625	23 22 44.48	−06 59 16.5			809
1993 QO_6	1993 08 24.26944	23 22 43.85	−06 59 18.2			809
1993 QP_6	* 1993 08 20.27743	23 26 03.89	−04 03 21.8	18.5		809
1993 QP_6	1993 08 20.29271	23 26 03.31	−04 03 29.1			809
1993 QP_6	1993 08 20.30799	23 26 02.94	−04 03 34.0			809
1993 QP_6	1993 08 24.24306	23 23 57.01	−04 31 40.9	18.4		809
1993 QP_6	1993 08 24.25625	23 23 56.46	−04 31 48.3			809
1993 QP_6	1993 08 24.26944	23 23 56.01	−04 31 54.2			809
1993 QQ_6	* 1993 08 20.27743	23 26 07.65	−03 32 42.2	18.5		809
1993 QQ_6	1993 08 20.29271	23 26 07.14	−03 32 49.6			809
1993 QQ_6	1993 08 20.30799	23 26 06.64	−03 32 56.8			809
1993 QQ_6	1993 08 24.24306	23 24 02.91	−04 03 49.0			809
1993 QQ_6	1993 08 24.25625	23 24 02.44	−04 03 54.6			809
1993 QQ_6	1993 08 24.26944	23 24 01.97	−04 04 02.3			809
1993 QR_6	* 1993 08 20.27743	23 26 18.01	−03 41 12.9	18.4		809
1993 QR_6	1993 08 20.29271	23 26 17.32	−03 41 20.4			809
1993 QR_6	1993 08 20.30799	23 26 16.62	−03 41 25.6			809
1993 QR_6	1993 08 24.24306	23 23 22.63	−04 06 42.4			809
1993 QR_6	1993 08 24.25625	23 23 22.04	−04 06 48.9			809
1993 QR_6	1993 08 24.26944	23 23 21.41	−04 06 53.2			809
1993 QS_6	* 1993 08 20.27743	23 26 26.93	−06 02 56.7	18.5		809
1993 QS_6	1993 08 20.29271	23 26 26.29	−06 03 00.3			809
1993 QS_6	1993 08 20.30799	23 26 25.62	−06 03 03.2			809
1993 QS_6	1993 08 24.24306	23 23 42.97	−06 18 09.1			809
1993 QS_6	1993 08 24.25625	23 23 42.33	−06 18 12.0			809
1993 QS_6	1993 08 24.26944	23 23 41.83	−06 18 16.0			809
1993 QT_6	* 1993 08 20.27743	23 26 43.47	−05 34 38.8	18.5		809
1993 QT_6	1993 08 20.29271	23 26 42.76	−05 34 41.3			809
1993 QT_6	1993 08 20.30799	23 26 42.14	−05 34 43.4			809
1993 QT_6	1993 08 24.24306	23 23 58.83	−05 46 04.8			809
1993 QT_6	1993 08 24.25625	23 23 58.01	−05 46 07.8			809
1993 QT_6	1993 08 24.26944	23 23 57.39	−05 46 09.9			809
1993 QU_6	* 1993 08 20.27743	23 26 52.55	−06 52 00.5	18.3		809
1993 QU_6	1993 08 20.29271	23 26 51.60	−06 51 56.4			809
1993 QU_6	1993 08 20.30799	23 26 50.80	−06 51 52.8			809
1993 QU_6	1993 08 24.24306	23 23 07.18	−06 37 24.5			809

1993 QU_6		1993 08 24.25625	23 23 06.38	−06 37 22.1		809
1993 QU_6		1993 08 24.26944	23 23 05.57	−06 37 20.3		809
1993 QV_6	*	1993 08 20.27743	23 26 54.26	−04 58 44.4	18.6	809
1993 QV_6		1993 08 20.29271	23 26 53.59	−04 58 45.6		809
1993 QV_6		1993 08 20.30799	23 26 53.02	−04 58 46.6		809
1993 QV_6		1993 08 24.24306	23 24 12.37	−05 06 37.2		809
1993 QV_6		1993 08 24.25625	23 24 11.78	−05 06 38.6		809
1993 QV_6		1993 08 24.26944	23 24 11.17	−05 06 40.6		809
1993 QW_6	*	1993 08 20.27743	23 26 56.22	−06 28 05.3	18.4	809
1993 QW_6		1993 08 20.29271	23 26 55.76	−06 28 16.0		809
1993 QW_6		1993 08 20.30799	23 26 55.41	−06 28 28.4		809
1993 QW_6		1993 08 24.24306	23 25 20.35	−07 16 59.0		809
1993 QW_6		1993 08 24.25625	23 25 20.01	−07 17 09.3		809
1993 QW_6		1993 08 24.26944	23 25 19.55	−07 17 20.3		809
1993 QX_6	*	1993 08 20.27743	23 27 01.89	−04 10 19.9	18.5	809
1993 QX_6		1993 08 20.29271	23 27 01.27	−04 10 22.6		809
1993 QX_6		1993 08 20.30799	23 27 00.71	−04 10 25.1		809
1993 QX_6		1993 08 24.24306	23 24 42.66	−04 22 42.2		809
1993 QX_6		1993 08 24.25625	23 24 42.16	−04 22 45.3		809
1993 QX_6		1993 08 24.26944	23 24 41.58	−04 22 48.2		809
1993 QY_6	*	1993 08 20.27743	23 27 30.52	−04 14 45.1	18.4	809
1993 QY_6		1993 08 20.29271	23 27 29.89	−04 14 50.6		809
1993 QY_6		1993 08 20.30799	23 27 29.43	−04 14 54.9		809
1993 QY_6		1993 08 24.24306	23 25 10.65	−04 37 51.7		809
1993 QY_6		1993 08 24.25625	23 25 10.05	−04 37 57.1		809
1993 QY_6		1993 08 24.26944	23 25 09.60	−04 38 01.3		809
1993 QZ_6	*	1993 08 20.27743	23 27 34.10	−06 59 52.5	18.6	809
1993 QZ_6		1993 08 20.29271	23 27 33.50	−06 59 54.6		809
1993 QZ_6		1993 08 20.30799	23 27 32.84	−06 59 57.3		809
1993 QZ_6		1993 08 24.24306	23 25 00.13	−07 12 24.0		809
1993 QZ_6		1993 08 24.25625	23 24 59.47	−07 12 26.3		809
1993 QZ_6		1993 08 24.26944	23 24 59.00	−07 12 29.2		809
1993 QA_7	*	1993 08 20.27743	23 27 35.77	−07 46 23.3	18.5	809
1993 QA_7		1993 08 20.29271	23 27 35.09	−07 46 27.6		809
1993 QA_7		1993 08 20.30799	23 27 34.47	−07 46 31.2		809
1993 QA_7		1993 08 24.24306	23 24 49.22	−08 02 27.7		809
1993 QA_7		1993 08 24.25625	23 24 48.70	−08 02 31.5		809
1993 QA_7		1993 08 24.26944	23 24 48.13	−08 02 34.2		809
1993 QB_7	*	1993 08 20.27743	23 27 47.96	−06 34 28.6	18.6	809
1993 QB_7		1993 08 20.29271	23 27 47.10	−06 34 26.3		809
1993 QB_7		1993 08 20.30799	23 27 46.40	−06 34 24.3		809
1993 QB_7		1993 08 24.24306	23 24 16.56	−06 27 55.2		809
1993 QB_7		1993 08 24.25625	23 24 15.82	−06 27 55.0		809
1993 QB_7		1993 08 24.26944	23 24 15.01	−06 27 54.0		809
1993 QC_7	*	1993 08 20.27743	23 27 56.43	−07 32 54.8	18.5	809
1993 QC_7		1993 08 20.29271	23 27 55.88	−07 33 01.5		809
1993 QC_7		1993 08 20.30799	23 27 55.41	−07 33 07.1		809
1993 QC_7		1993 08 24.24306	23 25 45.22	−08 02 16.7		809
1993 QC_7		1993 08 24.25625	23 25 44.67	−08 02 23.6		809
1993 QC_7		1993 08 24.26944	23 25 44.25	−08 02 29.3		809
1993 QD_7	*	1993 08 20.27743	23 27 57.67	−07 04 11.9	18.3	809
1993 QD_7		1993 08 20.29271	23 27 56.96	−07 04 11.8		809
1993 QD_7		1993 08 20.30799	23 27 56.32	−07 04 11.2		809
1993 QD_7		1993 08 24.24306	23 25 07.53	−07 03 45.0		809
1993 QD_7		1993 08 24.25625	23 25 06.83	−07 03 46.2		809
1993 QD_7		1993 08 24.26944	23 25 06.16	−07 03 46.3		809
1993 QE_7	*	1993 08 20.27743	23 28 32.58	−04 10 19.5	18.5	809
1993 QE_7		1993 08 20.29271	23 28 31.87	−04 10 24.1		809
1993 QE_7		1993 08 20.30799	23 28 31.19	−04 10 28.0		809
1993 QE_7		1993 08 24.24306	23 25 37.66	−04 32 01.4		809
1993 QE_7		1993 08 24.25625	23 25 36.92	−04 32 05.8		809
1993 QE_7		1993 08 24.26944	23 25 36.24	−04 32 11.0		809
1993 QF_7	*	1993 08 20.27743	23 28 42.46	−05 30 34.7	18.4	809
1993 QF_7		1993 08 20.29271	23 28 41.63	−05 30 37.7		809
1993 QF_7		1993 08 20.30799	23 28 40.73	−05 30 40.8		809
1993 QF_7		1993 08 24.24306	23 25 13.55	−05 43 40.7		809
1993 QF_7		1993 08 24.25625	23 25 12.86	−05 43 42.1		809
1993 QF_7		1993 08 24.26944	23 25 12.13	−05 43 45.6		809
1993 QG_7	*	1993 08 20.27743	23 29 01.68	−06 39 56.1	18.5	809
1993 QG_7		1993 08 20.29271	23 29 00.97	−06 40 02.0		809
1993 QG_7		1993 08 20.30799	23 29 00.40	−06 40 06.1		809
1993 QG_7		1993 08 24.24306	23 26 25.58	−07 01 31.8		809
1993 QG_7		1993 08 24.25625	23 26 25.03	−07 01 36.5		809
1993 QG_7		1993 08 24.26944	23 26 24.48	−07 01 41.1		809
1993 QH_7	*	1993 08 20.27743	23 29 36.31	−04 36 48.8	18.4	809
1993 QH_7		1993 08 20.29271	23 29 35.62	−04 36 55.8		809
1993 QH_7		1993 08 20.30799	23 29 35.02	−04 37 01.0		809
1993 QH_7		1993 08 24.24306	23 27 06.54	−05 02 42.2		809
1993 QH_7		1993 08 24.25625	23 27 05.94	−05 02 48.9		809
1993 QH_7		1993 08 24.26944	23 27 05.37	−05 02 53.3		809
1993 QJ_7	*	1993 08 20.27743	23 30 01.05	−03 40 52.4	18.6	809
1993 QJ_7		1993 08 20.29271	23 30 00.50	−03 40 54.5		809
1993 QJ_7		1993 08 20.30799	23 29 59.85	−03 40 57.2		809
1993 QJ_7		1993 08 24.24306	23 27 08.33	−03 54 03.4	18.5	809
1993 QJ_7		1993 08 24.25625	23 27 07.64	−03 54 06.4		809
1993 QJ_7		1993 08 24.26944	23 27 07.04	−03 54 08.7		809
1993 QK_7	*	1993 08 20.27743	23 30 03.96	−05 33 16.1	18.3	809
1993 QK_7		1993 08 20.29271	23 30 03.13	−05 33 14.5		809
1993 QK_7		1993 08 20.30799	23 30 02.37	−05 33 13.5		809
1993 QK_7		1993 08 24.24306	23 26 28.77	−05 29 26.1		809
1993 QK_7		1993 08 24.25625	23 26 28.06	−05 29 25.1		809
1993 QK_7		1993 08 24.26944	23 26 27.27	−05 29 24.8		809
1993 QL_7	*	1993 08 20.27743	23 30 05.89	−05 14 39.3	18.6	809
1993 QL_7		1993 08 20.29271	23 30 05.22	−05 14 44.1		809
1993 QL_7		1993 08 20.30799	23 30 04.71	−05 14 48.3		809
1993 QL_7		1993 08 24.24306	23 27 40.21	−05 35 42.8		809
1993 QL_7		1993 08 24.25625	23 27 39.66	−05 35 47.4		809
1993 QL_7		1993 08 24.26944	23 27 39.15	−05 35 51.3		809
1993 QM_7	*	1993 08 20.27743	23 30 22.24	−05 54 04.8	18.8	809
1993 QM_7		1993 08 20.29271	23 30 21.42	−05 54 06.1		809
1993 QM_7		1993 08 20.30799	23 30 20.80	−05 54 07.4		809
1993 QM_7		1993 08 24.24306	23 27 05.43	−06 00 06.3		809
1993 QM_7		1993 08 24.25625	23 27 04.80	−06 00 05.8		809
1993 QM_7		1993 08 24.26944	23 27 04.09	−06 00 09.3		809

1993 QN_7	*	1993 08 20.27743	23 30 35.61	−06 26 19.6	18.3	809
1993 QN_7		1993 08 20.29271	23 30 35.06	−06 26 22.9		809
1993 QN_7		1993 08 20.30799	23 30 34.45	−06 26 26.4		809
1993 QN_7		1993 08 24.24306	23 28 00.23	−06 43 08.7		809
1993 QN_7		1993 08 24.25625	23 27 59.61	−06 43 13.4		809
1993 QN_7		1993 08 24.26944	23 27 59.02	−06 43 16.5		809
1993 QO_7	*	1993 08 20.27743	23 31 12.24	−03 26 03.3	18.5	809
1993 QO_7		1993 08 20.29271	23 31 11.57	−03 26 05.1		809
1993 QO_7		1993 08 20.30799	23 31 10.99	−03 26 08.5		809
1993 QO_7		1993 08 24.24306	23 28 38.11	−03 40 24.9		809
1993 QO_7		1993 08 24.25625	23 28 37.58	−03 40 27.0		809
1993 QO_7		1993 08 24.26944	23 28 37.02	−03 40 30.5		809
1993 QP_7	*	1993 08 20.27743	23 31 17.87	−06 45 36.3	18.3	809
1993 QP_7		1993 08 20.29271	23 31 17.32	−06 45 42.6		809
1993 QP_7		1993 08 20.30799	23 31 16.71	−06 45 50.7		809
1993 QP_7		1993 08 24.24306	23 28 45.43	−07 18 25.0		809
1993 QP_7		1993 08 24.25625	23 28 44.94	−07 18 31.1		809
1993 QP_7		1993 08 24.26944	23 28 44.35	−07 18 38.7		809
1993 QQ_7	*	1993 08 20.27743	23 31 18.32	−07 40 01.5	18.5	809
1993 QQ_7		1993 08 20.29271	23 31 17.64	−07 40 06.2		809
1993 QQ_7		1993 08 20.30799	23 31 17.06	−07 40 09.2		809
1993 QQ_7		1993 08 24.24306	23 28 25.52	−07 56 04.3		809
1993 QQ_7		1993 08 24.25625	23 28 24.95	−07 56 08.8		809
1993 QQ_7		1993 08 24.26944	23 28 24.33	−07 56 11.6		809
1993 QR_7	*	1993 08 20.27743	23 31 23.81	−06 42 25.8	18.5	809
1993 QR_7		1993 08 20.29271	23 31 23.28	−06 42 30.1		809
1993 QR_7		1993 08 20.30799	23 31 22.71	−06 42 34.9		809
1993 QR_7		1993 08 24.24306	23 29 09.25	−07 02 09.9		809
1993 QR_7		1993 08 24.25625	23 29 08.86	−07 02 15.4		809
1993 QR_7		1993 08 24.26944	23 29 08.31	−07 02 19.5		809
1993 QS_7	*	1993 08 20.27743	23 31 26.07	−05 10 11.2	18.4	809
1993 QS_7		1993 08 20.29271	23 31 25.75	−05 10 35.7		809
1993 QS_7		1993 08 20.30799	23 31 25.32	−05 10 58.4		809
1993 QS_7		1993 08 24.24306	23 29 52.63	−06 56 30.7		809
1993 QS_7		1993 08 24.25625	23 29 52.22	−06 56 52.4		809
1993 QS_7		1993 08 24.26944	23 29 51.88	−06 57 12.9		809
1993 QT_7	*	1993 08 20.27743	23 31 57.66	−03 25 03.6	18.7	809
1993 QT_7		1993 08 20.29271	23 31 57.01	−03 25 08.7		809
1993 QT_7		1993 08 20.30799	23 31 56.46	−03 25 12.9		809
1993 QT_7		1993 08 24.24306	23 29 24.35	−03 43 14.6	19.0	809
1993 QT_7		1993 08 24.25625	23 29 23.75	−03 43 17.5		809
1993 QT_7		1993 08 24.26944	23 29 23.20	−03 43 20.3		809
1993 QU_7	*	1993 08 20.27743	23 32 06.41	−04 46 27.8	18.4	809
1993 QU_7		1993 08 20.29271	23 32 05.86	−04 46 32.0		809
1993 QU_7		1993 08 20.30799	23 32 05.42	−04 46 34.8		809
1993 QU_7		1993 08 24.24306	23 29 48.83	−05 03 24.7		809
1993 QU_7		1993 08 24.25625	23 29 48.37	−05 03 29.4		809
1993 QU_7		1993 08 24.26944	23 29 47.84	−05 03 32.6		809
1993 QV_7	*	1993 08 20.27743	23 32 27.27	−03 31 44.3	18.4	809
1993 QV_7		1993 08 20.29271	23 32 26.63	−03 31 49.8		809
1993 QV_7		1993 08 20.30799	23 32 26.02	−03 31 54.5		809
1993 QV_7		1993 08 24.24306	23 29 54.12	−03 54 10.4		809
1993 QV_7		1993 08 24.25625	23 29 53.58	−03 54 15.5		809
1993 QV_7		1993 08 24.26944	23 29 53.00	−03 54 20.3		809
1993 QW_7	*	1993 08 20.27743	23 32 34.56	−06 01 37.6	18.3	809
1993 QW_7		1993 08 20.29271	23 32 33.87	−06 01 36.6		809
1993 QW_7		1993 08 20.30799	23 32 33.09	−06 01 36.8		809
1993 QW_7		1993 08 24.24306	23 29 25.38	−05 59 10.5		809
1993 QW_7		1993 08 24.25625	23 29 24.66	−05 59 10.3		809
1993 QW_7		1993 08 24.26944	23 29 24.02	−05 59 09.8		809
1993 QX_7	*	1993 08 20.27743	23 32 36.90	−08 00 49.0	18.5	809
1993 QX_7		1993 08 20.29271	23 32 36.35	−08 00 55.0		809
1993 QX_7		1993 08 20.30799	23 32 35.67	−08 01 00.2		809
1993 QX_7		1993 08 24.24306	23 30 09.63	−08 24 22.4	18.5	809
1993 QX_7		1993 08 24.25625	23 30 09.10	−08 24 28.0		809
1993 QX_7		1993 08 24.26944	23 30 08.62	−08 24 32.8		809
1993 QY_7	*	1993 08 20.27743	23 32 41.27	−03 10 17.3	18.7	809
1993 QY_7		1993 08 20.29271	23 32 40.63	−03 10 21.7		809
1993 QY_7		1993 08 20.30799	23 32 40.16	−03 10 24.8		809
1993 QY_7		1993 08 24.24306	23 30 08.61	−03 31 39.5		809
1993 QY_7		1993 08 24.25625	23 30 08.08	−03 31 43.7		809
1993 QY_7		1993 08 24.26944	23 30 07.48	−03 31 49.5		809
1993 QZ_7	*	1993 08 20.27743	23 32 49.18	−04 36 11.7	18.5	809
1993 QZ_7		1993 08 20.29271	23 32 48.53	−04 36 11.2		809
1993 QZ_7		1993 08 20.30799	23 32 47.93	−04 36 10.8		809
1993 QZ_7		1993 08 24.24306	23 29 54.18	−04 35 30.5		809
1993 QZ_7		1993 08 24.25625	23 29 53.67	−04 35 30.2		809
1993 QZ_7		1993 08 24.26944	23 29 52.95	−04 35 30.1		809
1993 QA_8	*	1993 08 20.27743	23 33 04.46	−07 46 55.6	18.5	809
1993 QA_8		1993 08 20.29271	23 33 03.92	−07 47 01.9		809
1993 QA_8		1993 08 20.30799	23 33 03.30	−07 47 07.9		809
1993 QA_8		1993 08 24.24306	23 30 42.45	−08 13 48.0		809
1993 QA_8		1993 08 24.25625	23 30 41.92	−08 13 53.1		809
1993 QA_8		1993 08 24.26944	23 30 41.39	−08 13 58.1		809
1993 QB_8	*	1993 08 20.27743	23 33 05.21	−03 15 03.1	18.6	809
1993 QB_8		1993 08 20.29271	23 33 04.62	−03 15 05.1		809
1993 QB_8		1993 08 20.30799	23 33 04.07	−03 15 09.5		809
1993 QB_8		1993 08 24.24306	23 30 39.33	−03 29 28.7	18.5	809
1993 QB_8		1993 08 24.25625	23 30 38.73	−03 29 32.2		809
1993 QB_8		1993 08 24.26944	23 30 38.27	−03 29 33.9		809
1993 QC_8	*	1993 08 20.27743	23 33 05.72	−06 01 33.7	18.2	809
1993 QC_8		1993 08 20.29271	23 33 05.03	−06 01 36.9		809
1993 QC_8		1993 08 20.30799	23 33 04.41	−06 01 39.9		809
1993 QC_8		1993 08 24.24306	23 30 17.57	−06 14 18.1		809
1993 QC_8		1993 08 24.25625	23 30 16.97	−06 14 21.9		809
1993 QC_8		1993 08 24.26944	23 30 16.26	−06 14 23.9		809
1993 QD_8	*	1993 08 20.27743	23 33 07.23	−04 17 59.1	18.4	809
1993 QD_8		1993 08 20.29271	23 33 06.42	−04 18 02.3		809
1993 QD_8		1993 08 20.30799	23 33 05.64	−04 18 04.2		809
1993 QD_8		1993 08 24.24306	23 29 45.08	−04 30 19.4		809
1993 QD_8		1993 08 24.25625	23 29 44.30	−04 30 23.2		809
1993 QD_8		1993 08 24.26944	23 29 43.60	−04 30 24.8		809
1993 QE_8	*	1993 08 20.27743	23 33 59.78	−06 18 01.6	18.5	809
1993 QE_8		1993 08 20.29271	23 33 59.18	−06 18 07.5		809

1993 QE_8		1993 08 20.30799	23 33 58.63	−06 18 12.9		809
1993 QE_8		1993 08 24.24306	23 31 28.03	−06 42 38.0		809
1993 QE_8		1993 08 24.25625	23 31 27.52	−06 42 44.2		809
1993 QE_8		1993 08 24.26944	23 31 26.98	−06 42 48.9		809
1993 QF_8	*	1993 08 20.27743	23 34 04.08	−03 34 26.0	18.5	809
1993 QF_8		1993 08 20.29271	23 34 03.44	−03 34 29.8		809
1993 QF_8		1993 08 20.30799	23 34 02.81	−03 34 33.8		809
1993 QF_8		1993 08 24.24306	23 31 22.32	−03 54 05.2	18.3	809
1993 QF_8		1993 08 24.25625	23 31 21.78	−03 54 10.1		809
1993 QF_8		1993 08 24.26944	23 31 21.16	−03 54 14.2		809
1993 QG_8	*	1993 08 20.27743	23 34 45.42	−05 43 58.3	18.4	809
1993 QG_8		1993 08 20.29271	23 34 44.96	−05 44 04.7		809
1993 QG_8		1993 08 20.30799	23 34 44.54	−05 44 11.9		809
1993 QG_8		1993 08 24.24306	23 32 52.00	−06 12 59.3	18.5	809
1993 QG_8		1993 08 24.25625	23 32 51.66	−06 13 04.3		809
1993 QG_8		1993 08 24.26944	23 32 51.13	−06 13 12.1		809
1993 QH_8	*	1993 08 20.27743	23 35 00.97	−07 00 37.8	18.3	809
1993 QH_8		1993 08 20.29271	23 35 00.44	−07 00 40.9		809
1993 QH_8		1993 08 20.30799	23 34 59.84	−07 00 45.6		809
1993 QH_8		1993 08 24.24306	23 32 38.90	−07 18 37.2		809
1993 QH_8		1993 08 24.25625	23 32 38.38	−07 18 40.7		809
1993 QH_8		1993 08 24.26944	23 32 37.83	−07 18 44.3		809
1993 QJ_8	*	1993 08 20.27743	23 35 12.09	−04 53 51.4	18.7	809
1993 QJ_8		1993 08 20.29271	23 35 11.42	−04 53 53.7		809
1993 QJ_8		1993 08 20.30799	23 35 10.84	−04 53 54.9		809
1993 QJ_8		1993 08 24.24306	23 32 31.47	−05 02 39.2		809
1993 QJ_8		1993 08 24.25625	23 32 30.79	−05 02 40.6		809
1993 QJ_8		1993 08 24.26944	23 32 30.13	−05 02 42.8		809
1993 QK_8	*	1993 08 20.27743	23 35 28.42	−03 08 09.7	18.7	809
1993 QK_8		1993 08 20.29271	23 35 27.77	−03 08 12.0		809
1993 QK_8		1993 08 20.30799	23 35 27.31	−03 08 13.4		809
1993 QK_8		1993 08 24.24306	23 32 43.43	−03 18 58.8		809
1993 QK_8		1993 08 24.25625	23 32 42.73	−03 19 01.5		809
1993 QK_8		1993 08 24.26944	23 32 42.11	−03 19 03.5		809
1993 QL_8	*	1993 08 20.27743	23 35 39.15	−06 41 36.3	18.4	809
1993 QL_8		1993 08 20.29271	23 35 38.90	−06 41 47.2		809
1993 QL_8		1993 08 20.30799	23 35 38.63	−06 41 59.7		809
1993 QL_8		1993 08 24.24306	23 34 30.54	−07 31 45.6		809
1993 QL_8		1993 08 24.25625	23 34 30.26	−07 31 55.9		809
1993 QL_8		1993 08 24.26944	23 34 29.97	−07 32 05.6		809
1993 QM_8	*	1993 08 20.27743	23 35 40.44	−04 57 18.5	18.4	809
1993 QM_8		1993 08 20.29271	23 35 39.66	−04 57 22.1		809
1993 QM_8		1993 08 20.30799	23 35 39.13	−04 57 25.6		809
1993 QM_8		1993 08 24.24306	23 32 48.65	−05 13 55.5	18.5	809
1993 QM_8		1993 08 24.25625	23 32 48.09	−05 13 59.0		809
1993 QM_8		1993 08 24.26944	23 32 47.35	−05 14 03.6		809
1993 QN_8	*	1993 08 20.27743	23 35 40.56	−04 39 59.3	18.3	809
1993 QN_8		1993 08 20.29271	23 35 40.01	−04 40 03.7		809
1993 QN_8		1993 08 20.30799	23 35 39.45	−04 40 07.9		809
1993 QN_8		1993 08 24.24306	23 33 20.59	−04 57 44.8		809
1993 QN_8		1993 08 24.25625	23 33 20.13	−04 57 48.3		809
1993 QN_8		1993 08 24.26944	23 33 19.60	−04 57 51.5		809
1993 QO_8	*	1993 08 20.27743	23 35 41.44	−07 34 32.6	18.5	809
1993 QO_8		1993 08 20.29271	23 35 40.77	−07 34 36.1		809
1993 QO_8		1993 08 20.30799	23 35 40.14	−07 34 41.0		809
1993 QO_8		1993 08 24.24306	23 33 00.45	−07 52 38.5		809
1993 QO_8		1993 08 24.25625	23 32 59.85	−07 52 43.0		809
1993 QO_8		1993 08 24.26944	23 32 59.26	−07 52 45.9		809
1993 QP_8	*	1993 08 20.27743	23 36 14.75	−06 28 33.6	18.7	809
1993 QP_8		1993 08 20.29271	23 36 14.10	−06 28 32.9		809
1993 QP_8		1993 08 20.30799	23 36 13.52	−06 28 31.8		809
1993 QP_8		1993 08 24.24306	23 33 38.13	−06 29 07.1		809
1993 QP_8		1993 08 24.25625	23 33 37.34	−06 29 08.1		809
1993 QP_8		1993 08 24.26944	23 33 36.91	−06 29 09.5		809
1993 QQ_8	*	1993 08 20.27743	23 36 25.15	−04 13 33.5	18.5	809
1993 QQ_8		1993 08 20.29271	23 36 24.77	−04 13 42.2		809
1993 QQ_8		1993 08 20.30799	23 36 24.27	−04 13 50.2		809
1993 QQ_8		1993 08 24.24306	23 34 32.63	−04 50 39.2		809
1993 QQ_8		1993 08 24.25625	23 34 32.17	−04 50 47.0		809
1993 QQ_8		1993 08 24.26944	23 34 31.85	−04 50 54.5		809
1993 QR_8	*	1993 08 20.27743	23 36 30.61	−05 54 52.1	19.2	809
1993 QR_8		1993 08 20.29271	23 36 30.13	−05 54 55.2		809
1993 QR_8		1993 08 20.30799	23 36 29.62	−05 55 00.9		809
1993 QR_8		1993 08 24.24306	23 34 12.79	−06 18 15.1		809
1993 QR_8		1993 08 24.25625	23 34 12.15	−06 18 20.6		809
1993 QR_8		1993 08 24.26944	23 34 11.67	−06 18 25.1		809
1993 QS_8	*	1993 08 20.27743	23 36 51.73	−06 51 25.0	18.5	809
1993 QS_8		1993 08 20.29271	23 36 51.01	−06 51 34.8		809
1993 QS_8		1993 08 20.30799	23 36 50.21	−06 51 44.8		809
1993 QS_8		1993 08 24.24306	23 34 02.62	−07 30 20.4		809
1993 QS_8		1993 08 24.25625	23 34 02.00	−07 30 28.7		809
1993 QS_8		1993 08 24.26944	23 34 01.40	−07 30 36.7		809
1993 QT_8	*	1993 08 20.27743	23 37 02.63	−07 36 35.6	18.6	809
1993 QT_8		1993 08 20.29271	23 37 01.96	−07 36 40.2		809
1993 QT_8		1993 08 20.30799	23 37 01.27	−07 36 46.3		809
1993 QT_8		1993 08 24.24306	23 34 24.65	−08 00 59.3		809
1993 QT_8		1993 08 24.25625	23 34 24.10	−08 01 03.8		809
1993 QT_8		1993 08 24.26944	23 34 23.51	−08 01 07.7		809
1993 QU_8	*	1993 08 20.27743	23 37 06.01	−07 55 56.5	18.1	809
1993 QU_8		1993 08 20.29271	23 37 05.44	−07 56 02.0		809
1993 QU_8		1993 08 20.30799	23 37 04.92	−07 56 07.0		809
1993 QU_8		1993 08 24.24306	23 34 55.06	−08 21 08.3		809
1993 QU_8		1993 08 24.25625	23 34 54.45	−08 21 14.5		809
1993 QU_8		1993 08 24.26944	23 34 53.99	−08 21 19.9		809
1993 QV_8	*	1993 08 20.27743	23 37 30.71	−04 54 18.0	18.5	809
1993 QV_8		1993 08 20.29271	23 37 30.31	−04 54 25.1		809
1993 QV_8		1993 08 20.30799	23 37 29.93	−04 54 30.3		809
1993 QV_8		1993 08 24.24306	23 35 36.25	−05 27 35.6		809
1993 QV_8		1993 08 24.25625	23 35 35.81	−05 27 43.0		809
1993 QV_8		1993 08 24.26944	23 35 35.31	−05 27 50.3		809
1993 QW_8	*	1993 08 20.27743	23 37 49.99	−07 07 40.2	18.3	809
1993 QW_8		1993 08 20.29271	23 37 49.23	−07 07 42.3		809
1993 QW_8		1993 08 20.30799	23 37 48.42	−07 07 43.9		809
1993 QW_8		1993 08 24.24306	23 34 35.68	−07 16 35.6		809

1993 QW_8		1993 08 24.25625	23 34 35.01	−07 16 37.2		809
1993 QW_8		1993 08 24.26944	23 34 34.33	−07 16 38.8		809
1993 QX_8	*	1993 08 20.27743	23 38 00.21	−07 05 10.8	18.6	809
1993 QX_8		1993 08 20.29271	23 37 59.53	−07 05 13.7		809
1993 QX_8		1993 08 20.30799	23 37 58.72	−07 05 18.2		809
1993 QX_8		1993 08 24.24306	23 35 00.53	−07 22 27.5		809
1993 QX_8		1993 08 24.25625	23 34 59.75	−07 22 31.8		809
1993 QX_8		1993 08 24.26944	23 34 59.06	−07 22 36.3		809
1993 QY_8	*	1993 08 20.27743	23 38 04.00	−06 50 49.6	18.5	809
1993 QY_8		1993 08 20.29271	23 38 03.42	−06 50 55.0		809
1993 QY_8		1993 08 20.30799	23 38 02.95	−06 51 00.8		809
1993 QY_8		1993 08 24.24306	23 35 51.26	−07 14 22.1		809
1993 QY_8		1993 08 24.25625	23 35 50.66	−07 14 27.2		809
1993 QY_8		1993 08 24.26944	23 35 50.18	−07 14 32.3		809
1993 QZ_8	*	1993 08 20.27743	23 38 05.19	−06 06 22.2	18.5	809
1993 QZ_8		1993 08 20.29271	23 38 04.53	−06 06 26.8		809
1993 QZ_8		1993 08 20.30799	23 38 03.98	−06 06 32.3		809
1993 QZ_8		1993 08 24.24306	23 35 32.03	−06 28 14.1		809
1993 QZ_8		1993 08 24.25625	23 35 31.48	−06 28 18.7		809
1993 QZ_8		1993 08 24.26944	23 35 30.89	−06 28 23.3		809
1993 QA_9	*	1993 08 20.27743	23 38 11.26	−04 29 29.8	18.4	809
1993 QA_9		1993 08 20.29271	23 38 10.63	−04 29 35.2		809
1993 QA_9		1993 08 20.30799	23 38 09.99	−04 29 41.3		809
1993 QA_9		1993 08 24.24306	23 35 31.66	−04 55 18.6		809
1993 QA_9		1993 08 24.25625	23 35 30.99	−04 55 24.9		809
1993 QA_9		1993 08 24.26944	23 35 30.46	−04 55 30.2		809
1993 QB_9	*	1993 08 20.27743	23 38 29.05	−05 21 50.5	19.0	809
1993 QB_9		1993 08 20.29271	23 38 28.36	−05 21 53.3		809
1993 QB_9		1993 08 20.30799	23 38 27.60	−05 21 57.5		809
1993 QB_9		1993 08 24.24306	23 35 21.01	−05 32 58.5		809
1993 QB_9		1993 08 24.25625	23 35 20.28	−05 33 00.5		809
1993 QB_9		1993 08 24.26944	23 35 19.67	−05 33 02.2		809
1993 QC_9	*	1993 08 20.27743	23 38 37.80	−03 46 15.7	18.8	809
1993 QC_9		1993 08 20.29271	23 38 37.49	−03 46 20.8		809
1993 QC_9		1993 08 20.30799	23 38 37.14	−03 46 26.6		809
1993 QC_9		1993 08 24.24306	23 37 05.07	−04 08 07.9		809
1993 QC_9		1993 08 24.25625	23 37 04.75	−04 08 12.9		809
1993 QC_9		1993 08 24.26944	23 37 04.31	−04 08 17.3		809
1993 QD_9	*	1993 08 20.27743	23 38 52.31	−05 10 35.8	18.5	809
1993 QD_9		1993 08 20.29271	23 38 51.75	−05 10 37.3		809
1993 QD_9		1993 08 20.30799	23 38 51.16	−05 10 36.7		809
1993 QD_9		1993 08 24.24306	23 36 24.86	−05 15 36.8		809
1993 QD_9		1993 08 24.25625	23 36 24.35	−05 15 38.4		809
1993 QD_9		1993 08 24.26944	23 36 23.77	−05 15 39.5		809
1993 QE_9	*	1993 08 20.27743	23 38 53.82	−04 32 33.3	18.3	809
1993 QE_9		1993 08 20.29271	23 38 53.31	−04 32 39.1		809
1993 QE_9		1993 08 20.30799	23 38 52.85	−04 32 45.3		809
1993 QE_9		1993 08 24.24306	23 36 52.94	−04 59 58.0		809
1993 QE_9		1993 08 24.25625	23 36 52.44	−05 00 03.9		809
1993 QE_9		1993 08 24.26944	23 36 51.98	−05 00 09.7		809
1993 QF_9	*	1993 08 20.27743	23 39 02.02	−04 11 00.2	18.3	809
1993 QF_9		1993 08 20.29271	23 39 01.46	−04 11 06.5		809
1993 QF_9		1993 08 20.30799	23 39 00.88	−04 11 12.7		809
1993 QF_9		1993 08 24.24306	23 36 34.11	−04 39 08.5		809
1993 QF_9		1993 08 24.25625	23 36 33.53	−04 39 13.3		809
1993 QF_9		1993 08 24.26944	23 36 33.00	−04 39 20.3		809
1993 QG_9	*	1993 08 20.27743	23 39 11.40	−05 16 09.0	18.5	809
1993 QG_9		1993 08 20.29271	23 39 10.90	−05 16 14.1		809
1993 QG_9		1993 08 20.30799	23 39 10.37	−05 16 18.9		809
1993 QG_9		1993 08 24.24306	23 37 00.08	−05 36 43.0		809
1993 QG_9		1993 08 24.25625	23 36 59.56	−05 36 46.7		809
1993 QG_9		1993 08 24.26944	23 36 58.97	−05 36 52.5		809
1993 QH_9	*	1993 08 20.27743	23 39 59.46	−03 39 56.8	18.4	809
1993 QH_9		1993 08 20.29271	23 39 58.74	−03 40 02.0		809
1993 QH_9		1993 08 20.30799	23 39 58.12	−03 40 08.2		809
1993 QH_9		1993 08 24.24306	23 37 17.88	−04 05 30.5		809
1993 QH_9		1993 08 24.25625	23 37 17.26	−04 05 36.8		809
1993 QH_9		1993 08 24.26944	23 37 16.61	−04 05 41.4		809
1993 QJ_9	*	1993 08 20.27743	23 40 18.26	−05 53 01.8	18.3	809
1993 QJ_9		1993 08 20.29271	23 40 17.79	−05 53 05.7		809
1993 QJ_9		1993 08 20.30799	23 40 17.21	−05 53 08.4		809
1993 QJ_9		1993 08 24.24306	23 38 05.65	−06 08 16.5	18.3	809
1993 QJ_9		1993 08 24.25625	23 38 05.16	−06 08 20.4		809
1993 QJ_9		1993 08 24.26944	23 38 04.61	−06 08 21.9		809
1993 QK_9	*	1993 08 20.27743	23 40 39.93	−07 06 16.6	18.5	809
1993 QK_9		1993 08 20.29271	23 40 39.38	−07 06 17.4		809
1993 QK_9		1993 08 20.30799	23 40 38.89	−07 06 19.7		809
1993 QK_9		1993 08 24.24306	23 38 31.82	−07 17 24.5		809
1993 QK_9		1993 08 24.25625	23 38 31.28	−07 17 27.2		809
1993 QK_9		1993 08 24.26944	23 38 30.80	−07 17 29.0		809
1993 QL_9	*	1993 08 20.27743	23 40 42.59	−03 31 07.7	18.4	809
1993 QL_9		1993 08 20.29271	23 40 41.98	−03 31 09.2		809
1993 QL_9		1993 08 20.30799	23 40 41.31	−03 31 09.1		809
1993 QL_9		1993 08 24.24306	23 37 56.37	−03 31 54.3		809
1993 QL_9		1993 08 24.25625	23 37 55.74	−03 31 54.1		809
1993 QL_9		1993 08 24.26944	23 37 55.09	−03 31 54.0		809
1993 QM_9	*	1993 08 20.27743	23 40 50.68	−04 57 35.4	18.6	809
1993 QM_9		1993 08 20.29271	23 40 50.10	−04 57 38.2		809
1993 QM_9		1993 08 20.30799	23 40 49.53	−04 57 42.5		809
1993 QM_9		1993 08 24.24306	23 38 27.00	−05 13 08.9		809
1993 QM_9		1993 08 24.25625	23 38 26.51	−05 13 10.9		809
1993 QM_9		1993 08 24.26944	23 38 25.89	−05 13 15.0		809
1993 QN_9	*	1993 08 20.27743	23 41 33.24	−05 15 32.7	19.0	809
1993 QN_9		1993 08 20.29271	23 41 32.87	−05 15 40.9		809
1993 QN_9		1993 08 20.30799	23 41 32.39	−05 15 50.0		809
1993 QN_9		1993 08 24.24306	23 39 35.68	−05 54 28.4		809
1993 QN_9		1993 08 24.25625	23 39 35.33	−05 54 34.8		809
1993 QN_9		1993 08 24.26944	23 39 34.81	−05 54 42.9		809
1993 QO_9	*	1993 08 20.27743	23 41 37.16	−03 43 25.7	18.3	809
1993 QO_9		1993 08 20.29271	23 41 36.64	−03 43 46.3		809
1993 QO_9		1993 08 20.30799	23 41 36.05	−03 44 09.2		809
1993 QO_9		1993 08 24.24306	23 39 13.04	−05 19 37.7		809
1993 QO_9		1993 08 24.25625	23 39 12.43	−05 19 57.4		809
1993 QO_9		1993 08 24.26944	23 39 11.94	−05 20 17.0		809

1993 QP_9	*	1993 08 20.27743	23 41 37.18	−06 19 23.2	18.5	809
1993 QP_9		1993 08 20.29271	23 41 36.75	−06 19 29.3		809
1993 QP_9		1993 08 20.30799	23 41 36.28	−06 19 33.7		809
1993 QP_9		1993 08 24.24306	23 39 27.70	−06 44 07.8		809
1993 QP_9		1993 08 24.25625	23 39 27.23	−06 44 12.8		809
1993 QP_9		1993 08 24.26944	23 39 26.74	−06 44 17.6		809
1993 QQ_9	*	1993 08 20.27743	23 41 38.82	−04 23 16.5	18.3	809
1993 QQ_9		1993 08 20.29271	23 41 38.27	−04 23 20.9		809
1993 QQ_9		1993 08 20.30799	23 41 37.73	−04 23 25.6		809
1993 QQ_9		1993 08 24.24306	23 39 19.73	−04 43 33.7		809
1993 QQ_9		1993 08 24.25625	23 39 19.08	−04 43 38.5		809
1993 QQ_9		1993 08 24.26944	23 39 18.59	−04 43 43.0		809
1993 QR_9	*	1993 08 20.27743	23 41 39.26	−07 08 22.0	18.5	809
1993 QR_9		1993 08 20.29271	23 41 38.63	−07 08 25.9		809
1993 QR_9		1993 08 20.30799	23 41 38.03	−07 08 29.4		809
1993 QR_9		1993 08 24.24306	23 39 08.67	−07 26 33.9		809
1993 QR_9		1993 08 24.25625	23 39 08.03	−07 26 38.7		809
1993 QR_9		1993 08 24.26944	23 39 07.48	−07 26 43.0		809
1993 QS_9	*	1993 08 20.27743	23 41 40.10	−05 05 34.6	18.4	809
1993 QS_9		1993 08 20.29271	23 41 39.66	−05 05 42.2		809
1993 QS_9		1993 08 20.30799	23 41 39.20	−05 05 50.0		809
1993 QS_9		1993 08 24.24306	23 39 48.24	−05 38 54.6		809
1993 QS_9		1993 08 24.25625	23 39 47.83	−05 39 01.9		809
1993 QS_9		1993 08 24.26944	23 39 47.34	−05 39 08.4		809
1993 QT_9	*	1993 08 20.27743	23 41 51.31	−04 47 23.3	18.5	809
1993 QT_9		1993 08 20.29271	23 41 50.82	−04 47 28.3		809
1993 QT_9		1993 08 20.30799	23 41 50.32	−04 47 33.3		809
1993 QT_9		1993 08 24.24306	23 39 32.39	−05 08 58.7		809
1993 QT_9		1993 08 24.25625	23 39 31.86	−05 09 04.2		809
1993 QT_9		1993 08 24.26944	23 39 31.30	−05 09 08.5		809
1993 QU_9	*	1993 08 20.27743	23 41 58.16	−05 31 03.9	18.4	809
1993 QU_9		1993 08 20.29271	23 41 57.57	−05 31 12.8		809
1993 QU_9		1993 08 20.30799	23 41 57.13	−05 31 21.1		809
1993 QU_9		1993 08 24.24306	23 39 49.51	−06 08 35.1		809
1993 QU_9		1993 08 24.25625	23 39 49.00	−06 08 42.4		809
1993 QU_9		1993 08 24.26944	23 39 48.56	−06 08 49.4		809
1993 QV_9	*	1993 08 20.27743	23 41 58.81	−06 40 05.8	18.6	809
1993 QV_9		1993 08 20.29271	23 41 58.18	−06 40 11.4		809
1993 QV_9		1993 08 20.30799	23 41 57.68	−06 40 14.3		809
1993 QV_9		1993 08 24.24306	23 39 44.27	−06 59 58.4		809
1993 QV_9		1993 08 24.25625	23 39 43.84	−07 00 02.6		809
1993 QV_9		1993 08 24.26944	23 39 43.33	−07 00 05.6		809
1993 QW_9	*	1993 08 20.27743	23 41 59.49	−05 15 55.3	18.4	809
1993 QW_9		1993 08 20.29271	23 41 58.36	−05 15 46.9		809
1993 QW_9		1993 08 20.30799	23 41 57.32	−05 15 39.4		809
1993 QW_9		1993 08 24.24306	23 37 16.95	−04 43 18.8		809
1993 QW_9		1993 08 24.25625	23 37 15.92	−04 43 12.6		809
1993 QW_9		1993 08 24.26944	23 37 14.87	−04 43 06.8		809
1993 QX_9	*	1993 08 20.27743	23 42 04.51	−04 34 20.6	18.6	809
1993 QX_9		1993 08 20.29271	23 42 03.93	−04 34 21.5		809
1993 QX_9		1993 08 20.30799	23 42 03.40	−04 34 21.5		809
1993 QX_9		1993 08 24.24306	23 39 38.79	−04 36 32.2		809
1993 QX_9		1993 08 24.25625	23 39 38.30	−04 36 32.1		809
1993 QX_9		1993 08 24.26944	23 39 37.75	−04 36 34.8		809
1993 QY_9	*	1993 08 20.27743	23 42 11.47	−05 44 17.9	18.4	809
1993 QY_9		1993 08 20.29271	23 42 10.91	−05 44 24.7		809
1993 QY_9		1993 08 20.30799	23 42 10.27	−05 44 33.2		809
1993 QY_9		1993 08 24.24306	23 39 52.19	−06 17 38.8		809
1993 QY_9		1993 08 24.25625	23 39 51.59	−06 17 46.2		809
1993 QY_9		1993 08 24.26944	23 39 51.10	−06 17 52.7		809
1993 QZ_9	*	1993 08 20.27743	23 42 30.37	−06 30 44.1	18.4	809
1993 QZ_9		1993 08 20.29271	23 42 29.76	−06 30 49.0		809
1993 QZ_9		1993 08 20.30799	23 42 29.16	−06 30 54.0		809
1993 QZ_9		1993 08 24.24306	23 40 03.74	−06 50 01.9		809
1993 QZ_9		1993 08 24.25625	23 40 03.12	−06 50 05.2		809
1993 QZ_9		1993 08 24.26944	23 40 02.58	−06 50 07.8		809
1993 QA_{10}	*	1993 08 20.27743	23 42 54.23	−04 24 42.5	18.4	809
1993 QA_{10}		1993 08 20.29271	23 42 53.65	−04 24 43.4		809
1993 QA_{10}		1993 08 20.30799	23 42 53.00	−04 24 45.2		809
1993 QA_{10}		1993 08 24.24306	23 40 24.88	−04 30 33.8		809
1993 QA_{10}		1993 08 24.25625	23 40 24.33	−04 30 34.6		809
1993 QA_{10}		1993 08 24.26944	23 40 23.76	−04 30 36.2		809
1993 SM_4		1993 08 20.27743	23 27 41.12	−07 06 59.9	18.2	809
1993 SM_4		1993 08 20.29271	23 27 40.41	−07 07 00.3		809
1993 SM_4		1993 08 20.30799	23 27 39.79	−07 07 01.0		809
1993 SM_4		1993 08 24.24306	23 25 02.11	−07 10 01.9		809
1993 SM_4		1993 08 24.25625	23 25 01.49	−07 10 03.6		809
1993 SM_4		1993 08 24.26944	23 25 00.89	−07 10 04.6		809
1993 SO_4		1993 08 20.27743	23 24 11.37	−04 20 23.1	18.3	809
1993 SO_4		1993 08 20.29271	23 24 10.98	−04 20 26.9		809
1993 SO_4		1993 08 20.30799	23 24 10.50	−04 20 32.4		809
1993 SO_4		1993 08 24.24306	23 22 21.40	−04 42 19.3	18.3	809
1993 SO_4		1993 08 24.25625	23 22 20.98	−04 42 24.5		809
1993 SO_4		1993 08 24.26944	23 22 20.52	−04 42 29.6		809
1993 SS_4		1993 08 20.27743	23 31 02.05	−04 07 40.9	18.3	809
1993 SS_4		1993 08 20.29271	23 31 01.49	−04 07 42.9		809
1993 SS_4		1993 08 20.30799	23 31 00.92	−04 07 46.4		809
1993 SS_4		1993 08 24.24306	23 28 38.26	−04 19 30.5		809
1993 SS_4		1993 08 24.25625	23 28 37.73	−04 19 33.7		809
1993 SS_4		1993 08 24.26944	23 28 37.18	−04 19 35.7		809
1993 ST_4		1993 08 20.27743	23 33 18.05	−04 40 35.5	18.2	809
1993 ST_4		1993 08 20.29271	23 33 17.38	−04 40 40.1		809
1993 ST_4		1993 08 20.30799	23 33 16.73	−04 40 43.8		809
1993 ST_4		1993 08 24.24306	23 30 25.26	−04 59 54.1		809
1993 ST_4		1993 08 24.25625	23 30 24.68	−04 59 58.0		809
1993 ST_4		1993 08 24.26944	23 30 24.04	−05 00 01.5		809
1993 SU_4		1993 08 20.27743	23 35 09.25	−06 53 54.2	18.3	809
1993 SU_4		1993 08 20.29271	23 35 08.45	−06 53 55.5		809
1993 SU_4		1993 08 20.30799	23 35 07.72	−06 53 56.3		809
1993 SU_4		1993 08 24.24306	23 32 04.23	−06 57 32.8		809
1993 SU_4		1993 08 24.25625	23 32 03.58	−06 57 33.6		809
1993 SU_4		1993 08 24.26944	23 32 02.91	−06 57 33.7		809
1993 SD_5		1993 08 20.27743	23 42 40.83	−04 57 29.1	17.8	809
1993 SD_5		1993 08 20.29271	23 42 40.14	−04 57 29.1		809

1993 SD_5	1993 08 20.30799	23 42 39.45	−04 57 29.3		809
1993 SD_5	1993 08 24.24306	23 39 46.70	−04 58 25.6		809
1993 SD_5	1993 08 24.25625	23 39 46.02	−04 58 26.8		809
1993 SD_5	1993 08 24.26944	23 39 45.34	−04 58 25.2		809
1993 SG_5	1993 08 20.27743	23 34 34.55	−04 11 51.0	18.5	809
1993 SG_5	1993 08 20.29271	23 34 33.99	−04 11 55.1		809
1993 SG_5	1993 08 20.30799	23 34 33.44	−04 11 59.0		809
1993 SG_5	1993 08 24.24306	23 32 19.41	−04 28 33.3		809
1993 SG_5	1993 08 24.25625	23 32 19.07	−04 28 37.4		809
1993 SG_5	1993 08 24.26944	23 32 18.63	−04 28 41.5		809
1993 SH_5	1993 08 20.27743	23 35 37.21	−03 58 02.9	18.3	809
1993 SH_5	1993 08 20.29271	23 35 36.76	−03 58 05.3		809
1993 SH_5	1993 08 20.30799	23 35 36.28	−03 58 08.4		809
1993 SH_5	1993 08 24.24306	23 33 39.21	−04 10 44.2		809
1993 SH_5	1993 08 24.25625	23 33 38.64	−04 10 47.3		809
1993 SH_5	1993 08 24.26944	23 33 38.20	−04 10 49.5		809
1993 TX	1993 10 21.18611	01 40 19.36	+02 57 27.0	16.5	809
1993 TX	1993 10 21.19931	01 40 18.39	+02 57 30.9		809
1993 TX	1993 10 21.21250	01 40 17.50	+02 57 36.4		809
1993 TC_3	1993 10 21.18611	01 39 31.64	+06 34 37.3	18.0	809
1993 TC_3	1993 10 21.19931	01 39 30.91	+06 34 31.7		809
1993 TC_3	1993 10 21.21250	01 39 30.21	+06 34 26.3		809
1993 TK_{29}	1993 10 21.18611	01 37 08.03	+03 18 56.1	18.3	809
1993 TK_{29}	1993 10 21.19931	01 37 07.39	+03 18 52.0		809
1993 TK_{29}	1993 10 21.21250	01 37 06.60	+03 18 47.8		809
1993 TM_{29}	1993 10 21.18611	01 38 28.53	+02 15 29.4	18.8	809
1993 TM_{29}	1993 10 21.19931	01 38 27.95	+02 15 25.8		809
1993 TM_{29}	1993 10 21.21250	01 38 27.30	+02 15 21.3		809
1993 TN_{29}	1993 10 21.18611	01 35 45.39	+03 30 30.5	18.5	809
1993 TN_{29}	1993 10 21.19931	01 35 44.62	+03 30 26.2		809
1993 TN_{29}	1993 10 21.21250	01 35 43.85	+03 30 22.8		809
1993 TQ_{29}	1993 10 21.18611	01 38 26.91	+06 12 33.4	18.4	809
1993 TQ_{29}	1993 10 21.19931	01 38 26.38	+06 12 28.8		809
1993 TQ_{29}	1993 10 21.21250	01 38 25.67	+06 12 23.3		809
1993 TT_{29}	1993 10 21.18611	01 37 54.85	+05 40 24.6	18.4	809
1993 TT_{29}	1993 10 21.19931	01 37 54.15	+05 40 20.8		809
1993 TT_{29}	1993 10 21.21250	01 37 53.44	+05 40 17.0		809
1993 TV_{29}	1993 10 21.18611	01 40 03.17	+02 06 12.4	18.7	809
1993 TV_{29}	1993 10 21.19931	01 40 02.48	+02 06 07.4		809
1993 TV_{29}	1993 10 21.21250	01 40 01.99	+02 06 02.6		809
1993 TZ_{29}	1993 10 21.18611	01 39 27.40	+05 59 11.3	18.7	809
1993 TZ_{29}	1993 10 21.19931	01 39 26.85	+05 59 08.1		809
1993 TZ_{29}	1993 10 21.21250	01 39 26.06	+05 59 05.3		809
1993 TA_{30}	1993 10 21.18611	01 37 40.95	+03 31 15.6	18.6	809
1993 TA_{30}	1993 10 21.19931	01 37 40.19	+03 31 12.0		809
1993 TA_{30}	1993 10 21.21250	01 37 39.45	+03 31 07.6		809
1993 TC_{30}	1993 10 21.18611	01 38 01.59	+06 16 33.5	18.6	809
1993 TC_{30}	1993 10 21.19931	01 38 00.83	+06 16 34.7		809
1993 TC_{30}	1993 10 21.21250	01 37 59.97	+06 16 33.9		809
1993 TE_{30}	1993 10 21.18611	01 39 37.15	+05 22 10.5	18.5	809
1993 TE_{30}	1993 10 21.19931	01 39 36.32	+05 22 06.1		809
1993 TE_{30}	1993 10 21.21250	01 39 35.58	+05 22 02.4		809
1993 TF_{30}	1993 10 21.18611	01 37 53.76	+03 28 45.8	18.4	809
1993 TF_{30}	1993 10 21.19931	01 37 53.00	+03 28 47.1		809
1993 TF_{30}	1993 10 21.21250	01 37 52.14	+03 28 48.6		809
1993 TG_{30}	1993 10 21.18611	01 38 38.32	+06 01 07.7	18.3	809
1993 TG_{30}	1993 10 21.19931	01 38 37.53	+06 01 10.2		809
1993 TG_{30}	1993 10 21.21250	01 38 36.72	+06 01 11.9		809
1993 TH_{30}	1993 10 21.18611	01 36 55.03	+02 48 30.5	18.5	809
1993 TH_{30}	1993 10 21.19931	01 36 54.08	+02 48 29.5		809
1993 TH_{30}	1993 10 21.21250	01 36 53.18	+02 48 27.6		809
1993 TJ_{30}	1993 10 21.18611	01 41 16.09	+03 31 51.2	18.2	809
1993 TJ_{30}	1993 10 21.19931	01 41 15.45	+03 31 44.1		809
1993 TJ_{30}	1993 10 21.21250	01 41 14.89	+03 31 37.1		809
1993 TM_{30}	1993 10 21.18611	01 41 02.06	+02 36 38.4	18.6	809
1993 TM_{30}	1993 10 21.19931	01 41 01.39	+02 36 31.7		809
1993 TM_{30}	1993 10 21.21250	01 41 00.64	+02 36 26.5		809
1993 TN_{30}	1993 10 21.18611	01 40 40.65	+02 59 27.9	18.3	809
1993 TN_{30}	1993 10 21.19931	01 40 39.88	+02 59 24.5		809
1993 TN_{30}	1993 10 21.21250	01 40 39.21	+02 59 20.7		809
1993 TR_{30}	1993 10 21.18611	01 39 57.35	+06 20 06.4	18.1	809
1993 TR_{30}	1993 10 21.19931	01 39 56.51	+06 20 02.7		809
1993 TR_{30}	1993 10 21.21250	01 39 55.58	+06 20 00.1		809
1993 TS_{30}	1993 10 21.18611	01 42 41.35	+03 13 14.1	18.1	809
1993 TS_{30}	1993 10 21.19931	01 42 40.74	+03 13 05.8		809
1993 TS_{30}	1993 10 21.21250	01 42 40.17	+03 12 57.8		809
1993 TT_{30}	1993 10 21.18611	01 42 38.56	+01 47 43.7	18.4	809
1993 TT_{30}	1993 10 21.19931	01 42 37.88	+01 47 38.9		809
1993 TT_{30}	1993 10 21.21250	01 42 37.25	+01 47 32.5		809
1993 TV_{30}	1993 10 21.18611	01 44 34.32	+02 41 11.9	18.6	809
1993 TV_{30}	1993 10 21.19931	01 44 33.66	+02 41 01.7		809
1993 TV_{30}	1993 10 21.21250	01 44 33.05	+02 40 50.1		809
1993 TY_{30}	1993 10 21.18611	01 42 45.30	+06 26 00.7	18.5	809
1993 TY_{30}	1993 10 21.19931	01 42 44.66	+06 25 57.2		809
1993 TY_{30}	1993 10 21.21250	01 42 43.90	+06 25 51.6		809
1993 TZ_{30}	1993 10 21.18611	01 41 35.83	+03 31 39.5	18.3	809
1993 TZ_{30}	1993 10 21.19931	01 41 35.17	+03 31 36.5		809
1993 TZ_{30}	1993 10 21.21250	01 41 34.46	+03 31 31.7		809
1993 TA_{31}	1993 10 21.18611	01 42 50.23	+03 25 17.5	18.4	809
1993 TA_{31}	1993 10 21.19931	01 42 49.53	+03 25 12.1		809
1993 TA_{31}	1993 10 21.21250	01 42 48.84	+03 25 07.7		809
1993 TC_{31}	1993 10 21.18611	01 41 53.63	+05 59 20.7	18.3	809
1993 TC_{31}	1993 10 21.19931	01 41 52.83	+05 59 19.5		809
1993 TC_{31}	1993 10 21.21250	01 41 52.00	+05 59 16.6		809
1993 TF_{31}	1993 10 21.18611	01 43 47.79	+05 43 13.1	18.4	809
1993 TF_{31}	1993 10 21.19931	01 43 47.09	+05 43 09.1		809
1993 TF_{31}	1993 10 21.21250	01 43 46.36	+05 43 05.6		809
1993 TG_{31}	1993 10 21.18611	01 41 51.31	+06 10 23.8	18.5	809
1993 TG_{31}	1993 10 21.19931	01 41 50.60	+06 10 21.3		809
1993 TG_{31}	1993 10 21.21250	01 41 49.72	+06 10 17.4		809
1993 TJ_{31}	1993 10 21.18611	01 44 11.46	+02 19 37.0	18.3	809
1993 TJ_{31}	1993 10 21.19931	01 44 10.81	+02 19 33.3		809
1993 TJ_{31}	1993 10 21.21250	01 44 10.13	+02 19 30.3		809
1993 TK_{31}	1993 10 21.18611	01 43 32.38	+06 08 38.4	18.6	809

1993 TK_{31}	1993 10 21.19931	01 43 31.60	+06 08 33.7		809
1993 TK_{31}	1993 10 21.21250	01 43 30.93	+06 08 31.6		809
1993 TM_{31}	1993 10 21.18611	01 44 34.45	+05 47 21.8	18.3	809
1993 TM_{31}	1993 10 21.19931	01 44 33.79	+05 47 17.1		809
1993 TM_{31}	1993 10 21.21250	01 44 33.00	+05 47 12.7		809
1993 TQ_{31}	1993 10 21.18611	01 43 31.71	+03 22 34.3	18.5	809
1993 TQ_{31}	1993 10 21.19931	01 43 30.98	+03 22 30.3		809
1993 TQ_{31}	1993 10 21.21250	01 43 30.13	+03 22 25.2		809
1993 TR_{31}	1993 10 21.18611	01 44 40.81	+02 01 08.8	18.4	809
1993 TR_{31}	1993 10 21.19931	01 44 40.02	+02 01 05.0		809
1993 TR_{31}	1993 10 21.21250	01 44 39.26	+02 01 01.7		809
1993 TT_{31}	1993 10 21.18611	01 44 36.63	+05 30 48.8	18.4	809
1993 TT_{31}	1993 10 21.19931	01 44 35.85	+05 30 43.5		809
1993 TT_{31}	1993 10 21.21250	01 44 35.06	+05 30 39.1		809
1993 TY_{31}	1993 10 21.18611	01 47 37.24	+04 05 21.5	18.0	809
1993 TY_{31}	1993 10 21.19931	01 47 36.58	+04 05 12.4		809
1993 TY_{31}	1993 10 21.21250	01 47 36.02	+04 05 03.7		809
1993 TB_{32}	1993 10 21.18611	01 42 43.35	+06 08 24.8	18.2	809
1993 TB_{32}	1993 10 21.19931	01 42 42.39	+06 08 28.7		809
1993 TB_{32}	1993 10 21.21250	01 42 41.44	+06 08 32.2		809
1993 TC_{32}	1993 10 21.18611	01 47 19.95	+05 43 08.7	18.8	809
1993 TC_{32}	1993 10 21.19931	01 47 19.29	+05 43 05.7		809
1993 TC_{32}	1993 10 21.21250	01 47 18.60	+05 43 01.1		809
1993 TD_{32}	1993 10 21.18611	01 44 18.35	+04 01 52.4	18.4	809
1993 TD_{32}	1993 10 21.19931	01 44 17.59	+04 01 49.3		809
1993 TD_{32}	1993 10 21.21250	01 44 16.64	+04 01 48.3		809
1993 TH_{32}	1993 10 21.18611	01 45 29.64	+06 37 38.8	18.3	809
1993 TH_{32}	1993 10 21.19931	01 45 28.83	+06 37 34.4		809
1993 TH_{32}	1993 10 21.21250	01 45 28.06	+06 37 29.5		809
1993 TK_{32}	1993 10 21.18611	01 47 52.14	+01 57 16.4	18.2	809
1993 TK_{32}	1993 10 21.19931	01 47 51.47	+01 57 10.1		809
1993 TK_{32}	1993 10 21.21250	01 47 50.75	+01 57 03.7		809
1993 TL_{32}	1993 10 21.18611	01 47 11.58	+06 15 54.7	18.3	809
1993 TL_{32}	1993 10 21.19931	01 47 10.83	+06 15 50.1		809
1993 TL_{32}	1993 10 21.21250	01 47 10.14	+06 15 46.6		809
1993 TN_{32}	1993 10 21.18611	01 48 48.68	+03 18 26.8	18.4	809
1993 TN_{32}	1993 10 21.19931	01 48 48.09	+03 18 20.1		809
1993 TN_{32}	1993 10 21.21250	01 48 47.35	+03 18 12.8		809
1993 TQ_{32}	1993 10 21.18611	01 44 51.52	+06 09 35.8	18.0	809
1993 TQ_{32}	1993 10 21.19931	01 44 50.63	+06 09 36.4		809
1993 TQ_{32}	1993 10 21.21250	01 44 49.63	+06 09 36.1		809
1993 TR_{32}	1993 10 21.18611	01 47 46.03	+03 47 06.4	18.4	809
1993 TR_{32}	1993 10 21.19931	01 47 45.32	+03 47 02.2		809
1993 TR_{32}	1993 10 21.21250	01 47 44.56	+03 46 55.9		809
1993 TU_{32}	1993 10 21.18611	01 46 53.60	+06 46 34.8	18.4	809
1993 TU_{32}	1993 10 21.19931	01 46 52.68	+06 46 34.7		809
1993 TU_{32}	1993 10 21.21250	01 46 51.86	+06 46 34.7		809
1993 TW_{32}	1993 10 21.18611	01 49 24.16	+06 00 28.4	18.4	809
1993 TW_{32}	1993 10 21.19931	01 49 23.49	+06 00 24.1		809
1993 TW_{32}	1993 10 21.21250	01 49 22.76	+06 00 19.7		809
1993 TY_{32}	1993 10 21.18611	01 49 22.39	+06 24 42.8	18.4	809
1993 TY_{32}	1993 10 21.19931	01 49 21.72	+06 24 41.2		809
1993 TY_{32}	1993 10 21.21250	01 49 20.99	+06 24 38.9		809
1993 TZ_{32}	1993 10 21.18611	01 47 46.49	+05 27 02.1	18.2	809
1993 TZ_{32}	1993 10 21.19931	01 47 45.64	+05 26 57.1		809
1993 TZ_{32}	1993 10 21.21250	01 47 44.79	+05 26 52.9		809
1993 TB_{33}	1993 10 21.18611	01 49 07.38	+04 15 08.5	18.3	809
1993 TB_{33}	1993 10 21.19931	01 49 06.55	+04 15 04.4		809
1993 TB_{33}	1993 10 21.21250	01 49 05.74	+04 15 00.7		809
1993 TC_{33}	1993 10 21.18611	01 49 50.62	+02 10 46.1	18.6	809
1993 TC_{33}	1993 10 21.19931	01 49 49.82	+02 10 39.6		809
1993 TC_{33}	1993 10 21.21250	01 49 49.01	+02 10 32.8		809
1993 TD_{33}	1993 10 21.18611	01 49 36.29	+03 40 47.1	18.5	809
1993 TD_{33}	1993 10 21.19931	01 49 35.47	+03 40 46.3		809
1993 TD_{33}	1993 10 21.21250	01 49 34.70	+03 40 44.5		809
1993 TE_{33}	1993 10 21.18611	01 50 17.69	+04 03 51.3	18.8	809
1993 TE_{33}	1993 10 21.19931	01 50 16.94	+04 03 47.2		809
1993 TE_{33}	1993 10 21.21250	01 50 16.15	+04 03 42.9		809
1993 TG_{33}	1993 10 21.18611	01 53 33.73	+02 20 25.3	18.2	809
1993 TG_{33}	1993 10 21.19931	01 53 33.17	+02 20 15.4		809
1993 TG_{33}	1993 10 21.21250	01 53 32.62	+02 20 04.2		809
1993 TJ_{33}	1993 10 21.18611	01 50 37.58	+06 24 35.1	18.5	809
1993 TJ_{33}	1993 10 21.19931	01 50 36.92	+06 24 32.9		809
1993 TJ_{33}	1993 10 21.21250	01 50 36.23	+06 24 31.4		809
1993 TL_{33}	1993 10 21.18611	01 51 05.51	+03 25 33.3	18.4	809
1993 TL_{33}	1993 10 21.19931	01 51 04.84	+03 25 26.3		809
1993 TL_{33}	1993 10 21.21250	01 51 04.07	+03 25 20.6		809
1993 TM_{33}	1993 10 21.18611	01 49 31.01	+05 57 50.4	18.3	809
1993 TM_{33}	1993 10 21.19931	01 49 30.15	+05 57 49.9		809
1993 TM_{33}	1993 10 21.21250	01 49 29.30	+05 57 48.5		809
1993 TR_{33}	1993 10 21.18611	01 51 19.20	+03 22 34.9	18.3	809
1993 TR_{33}	1993 10 21.19931	01 51 18.44	+03 22 33.7		809
1993 TR_{33}	1993 10 21.21250	01 51 17.67	+03 22 33.1		809
1993 TS_{33}	1993 10 21.18611	01 51 24.19	+02 56 08.3	18.2	809
1993 TS_{33}	1993 10 21.19931	01 51 23.38	+02 56 04.9		809
1993 TS_{33}	1993 10 21.21250	01 51 22.55	+02 56 00.0		809
1993 TW_{33}	1993 10 21.18611	01 52 16.60	+03 00 12.2	18.5	809
1993 TW_{33}	1993 10 21.19931	01 52 15.93	+03 00 08.8		809
1993 TW_{33}	1993 10 21.21250	01 52 15.10	+03 00 06.5		809
1993 TX_{33}	1993 10 21.18611	01 54 09.12	+02 52 10.3	18.4	809
1993 TX_{33}	1993 10 21.19931	01 54 08.53	+02 52 04.2		809
1993 TX_{33}	1993 10 21.21250	01 54 07.83	+02 51 58.4		809
1993 TA_{34}	1993 10 21.18611	01 51 33.98	+04 24 27.9	18.3	809
1993 TA_{34}	1993 10 21.19931	01 51 33.11	+04 24 24.3		809
1993 TA_{34}	1993 10 21.21250	01 51 32.19	+04 24 21.4		809
1993 TE_{34}	1993 10 21.18611	01 52 13.47	+04 21 58.2	18.1	809
1993 TE_{34}	1993 10 21.19931	01 52 12.63	+04 21 52.8		809
1993 TE_{34}	1993 10 21.21250	01 52 11.86	+04 21 47.4		809
1993 TN_{34}	1993 10 21.18611	01 51 55.65	+04 16 41.8	18.0	809
1993 TN_{34}	1993 10 21.19931	01 51 54.80	+04 16 39.4		809
1993 TN_{34}	1993 10 21.21250	01 51 53.80	+04 16 36.8		809
1993 TX_{36}	1993 10 21.18611	01 56 39.97	+05 46 56.7	18.4	809
1993 TX_{36}	1993 10 21.19931	01 56 39.28	+05 46 52.7		809
1993 TX_{36}	1993 10 21.21250	01 56 38.52	+05 46 47.8		809

1993 TG_{37}		1993 10 21.18611	01 56 36.11	+03 19 17.3	18.1	809
1993 TG_{37}		1993 10 21.19931	01 56 35.22	+03 19 16.9		809
1993 TG_{37}		1993 10 21.21250	01 56 34.38	+03 19 15.1		809
1993 TT_{39}	*	1993 10 09.14861	01 21 34.63	+04 20 26.8	18.7	809
1993 TT_{39}		1993 10 09.16181	01 21 33.82	+04 20 22.3		809
1993 TT_{39}		1993 10 09.17500	01 21 33.09	+04 20 18.9		809
1993 TT_{39}		1993 10 11.11319	01 19 39.65	+04 09 31.7		809
1993 TT_{39}		1993 10 11.12639	01 19 38.83	+04 09 27.0		809
1993 TT_{39}		1993 10 11.13958	01 19 38.01	+04 09 21.2		809
1993 TU_{39}	*	1993 10 09.19236	01 43 17.88	+04 15 00.4		809
1993 TU_{39}		1993 10 09.20556	01 43 17.17	+04 14 56.7		809
1993 TU_{39}		1993 10 09.21875	01 43 16.52	+04 14 54.0		809
1993 TU_{39}		1993 10 11.15972	01 41 24.40	+04 05 54.2	18.6	809
1993 TU_{39}		1993 10 11.17292	01 41 23.66	+04 05 51.4		809
1993 TU_{39}		1993 10 11.18611	01 41 22.88	+04 05 47.0		809
1993 TU_{39}		1993 10 20.20000	01 32 14.45	+03 25 17.0	18.5	809
1993 TU_{39}		1993 10 20.21319	01 32 13.63	+03 25 13.5		809
1993 TU_{39}		1993 10 20.22639	01 32 12.73	+03 25 09.6		809
1993 TV_{39}	*	1993 10 09.24097	01 59 08.90	+02 40 52.6	18.4	809
1993 TV_{39}		1993 10 09.25417	01 59 08.25	+02 40 47.8		809
1993 TV_{39}		1993 10 09.26736	01 59 07.65	+02 40 42.9		809
1993 TV_{39}		1993 10 21.18611	01 49 47.17	+01 32 01.2	18.4	809
1993 TV_{39}		1993 10 21.19931	01 49 46.50	+01 31 55.8		809
1993 TV_{39}		1993 10 21.21250	01 49 45.74	+01 31 51.3		809
1993 TW_{39}	*	1993 10 09.24097	02 04 16.37	+05 27 29.0	18.5	809
1993 TW_{39}		1993 10 09.25417	02 04 15.75	+05 27 25.3		809
1993 TW_{39}		1993 10 09.26736	02 04 15.05	+05 27 21.5		809
1993 TW_{39}		1993 10 11.26319	02 02 33.16	+05 18 01.1	18.6	809
1993 TW_{39}		1993 10 11.27639	02 02 32.33	+05 17 56.9		809
1993 TW_{39}		1993 10 11.28958	02 02 31.70	+05 17 53.8		809
1993 TX_{39}	*	1993 10 09.24097	02 04 39.97	+07 21 31.8	18.3	809
1993 TX_{39}		1993 10 09.25417	02 04 39.42	+07 21 27.0		809
1993 TX_{39}		1993 10 09.26736	02 04 38.75	+07 21 22.6		809
1993 TX_{39}		1993 10 11.26319	02 03 13.16	+07 09 05.6	18.4	809
1993 TX_{39}		1993 10 11.27639	02 03 12.52	+07 08 59.5		809
1993 TX_{39}		1993 10 11.28958	02 03 11.94	+07 08 55.1		809
1993 TX_{39}		1993 10 21.18611	01 55 20.15	+06 08 04.5	18.4	809
1993 TX_{39}		1993 10 21.19931	01 55 19.45	+06 07 58.5		809
1993 TX_{39}		1993 10 21.21250	01 55 18.74	+06 07 54.7		809
1993 TY_{39}	*	1993 10 11.15972	01 25 28.79	+06 19 39.1	18.6	809
1993 TY_{39}		1993 10 11.17292	01 25 28.08	+06 19 34.3		809
1993 TY_{39}		1993 10 11.18611	01 25 27.42	+06 19 30.7		809
1993 TY_{39}		1993 10 20.20000	01 18 14.24	+05 42 23.5	18.5	809
1993 TY_{39}		1993 10 20.21319	01 18 13.73	+05 42 20.3		809
1993 TY_{39}		1993 10 20.22639	01 18 12.98	+05 42 17.0		809
1993 TZ_{39}	*	1993 10 11.21736	01 44 58.88	+03 05 31.9	18.3	809
1993 TZ_{39}		1993 10 11.23056	01 44 58.14	+03 05 29.9		809
1993 TZ_{39}		1993 10 11.24375	01 44 57.23	+03 05 28.7		809
1993 TZ_{39}		1993 10 20.20000	01 36 23.54	+02 53 54.8	18.3	809
1993 TZ_{39}		1993 10 20.21319	01 36 22.69	+02 53 53.7		809
1993 TZ_{39}		1993 10 20.22639	01 36 21.90	+02 53 53.6		809
1993 TZ_{39}		1993 10 21.18611	01 35 26.86	+02 53 01.6	18.4	809
1993 TZ_{39}		1993 10 21.19931	01 35 26.10	+02 53 01.5		809
1993 TZ_{39}		1993 10 21.21250	01 35 25.38	+02 53 00.3		809
1993 TA_{40}	*	1993 10 11.21736	01 45 57.92	+02 49 16.6	18.0	809
1993 TA_{40}		1993 10 11.23056	01 45 57.21	+02 49 13.0		809
1993 TA_{40}		1993 10 11.24375	01 45 56.58	+02 49 09.5		809
1993 TA_{40}		1993 10 21.18611	01 38 22.27	+02 08 44.1	18.0	809
1993 TA_{40}		1993 10 21.19931	01 38 21.59	+02 08 41.7		809
1993 TA_{40}		1993 10 21.21250	01 38 20.92	+02 08 38.1		809
1993 TB_{40}	*	1993 10 11.21736	01 48 54.94	+05 21 13.2	18.4	809
1993 TB_{40}		1993 10 11.23056	01 48 54.26	+05 21 07.2		809
1993 TB_{40}		1993 10 11.24375	01 48 53.58	+05 21 00.9		809
1993 TB_{40}		1993 10 21.18611	01 41 06.11	+04 04 59.5	18.4	809
1993 TB_{40}		1993 10 21.19931	01 41 05.40	+04 04 51.6		809
1993 TB_{40}		1993 10 21.21250	01 41 04.68	+04 04 46.1		809
1993 TC_{40}	*	1993 10 11.21736	01 49 54.49	+05 49 00.8	18.1	809
1993 TC_{40}		1993 10 11.23056	01 49 53.78	+05 48 59.7		809
1993 TC_{40}		1993 10 11.24375	01 49 53.01	+05 48 58.4		809
1993 TC_{40}		1993 10 21.18611	01 41 02.31	+05 38 40.3	18.3	809
1993 TC_{40}		1993 10 21.19931	01 41 01.55	+05 38 39.7		809
1993 TC_{40}		1993 10 21.21250	01 41 00.74	+05 38 39.3		809
1993 TD_{40}	*	1993 10 11.21736	01 52 09.93	+03 32 14.7	18.4	809
1993 TD_{40}		1993 10 11.23056	01 52 09.07	+03 32 10.8		809
1993 TD_{40}		1993 10 11.24375	01 52 08.45	+03 32 08.4		809
1993 TD_{40}		1993 10 21.18611	01 43 00.81	+02 50 23.2	18.7	809
1993 TD_{40}		1993 10 21.19931	01 42 59.99	+02 50 19.9		809
1993 TD_{40}		1993 10 21.21250	01 42 59.21	+02 50 16.2		809
1993 TE_{40}	*	1993 10 11.21736	01 52 20.48	+03 27 17.8	18.4	809
1993 TE_{40}		1993 10 11.23056	01 52 19.99	+03 27 14.9		809
1993 TE_{40}		1993 10 11.24375	01 52 19.46	+03 27 11.4		809
1993 TE_{40}		1993 10 21.18611	01 46 17.23	+02 49 20.0	18.6	809
1993 TE_{40}		1993 10 21.19931	01 46 16.69	+02 49 17.3		809
1993 TE_{40}		1993 10 21.21250	01 46 16.12	+02 49 14.0		809
1993 TF_{40}	*	1993 10 11.21736	01 54 25.18	+03 25 16.1	18.6	809
1993 TF_{40}		1993 10 11.23056	01 54 24.40	+03 25 11.2		809
1993 TF_{40}		1993 10 11.24375	01 54 23.66	+03 25 06.7		809
1993 TF_{40}		1993 10 21.18611	01 45 11.91	+02 32 47.4	18.5	809
1993 TF_{40}		1993 10 21.19931	01 45 11.07	+02 32 42.9		809
1993 TF_{40}		1993 10 21.21250	01 45 10.24	+02 32 38.4		809
1993 TG_{40}	*	1993 10 11.21736	01 55 53.36	+04 29 05.8	18.4	809
1993 TG_{40}		1993 10 11.23056	01 55 52.80	+04 29 00.7		809
1993 TG_{40}		1993 10 11.24375	01 55 52.21	+04 28 55.9		809
1993 TG_{40}		1993 10 21.18611	01 48 52.74	+03 26 47.6	18.5	809
1993 TG_{40}		1993 10 21.19931	01 48 52.14	+03 26 42.4		809
1993 TG_{40}		1993 10 21.21250	01 48 51.48	+03 26 36.7		809
1993 TH_{40}	*	1993 10 11.21736	01 56 23.86	+07 46 16.5	18.4	809
1993 TH_{40}		1993 10 11.23056	01 56 23.17	+07 46 12.2		809
1993 TH_{40}		1993 10 11.24375	01 56 22.39	+07 46 06.1		809
1993 TH_{40}		1993 10 21.18611	01 46 49.62	+06 41 36.4	18.5	809
1993 TH_{40}		1993 10 21.19931	01 46 48.84	+06 41 31.0		809
1993 TH_{40}		1993 10 21.21250	01 46 48.02	+06 41 25.8		809
1993 TJ_{40}	*	1993 10 11.21736	01 56 59.49	+04 47 14.2	18.7	809
1993 TJ_{40}		1993 10 11.23056	01 56 58.79	+04 47 11.6		809

1993 TJ_{40}		1993 10 11.24375	01 56 58.05	+04 47 08.8		809	(195)	1993 08 20.27743	23 43 11.73	−06 04 01.4	15.0	809
1993 TJ_{40}		1993 10 21.18611	01 48 16.64	+04 14 23.1	18.8	809	(195)	1993 08 20.29271	23 43 11.08	−06 04 04.4		809
1993 TJ_{40}		1993 10 21.19931	01 48 15.80	+04 14 20.7		809	(195)	1993 08 20.30799	23 43 10.43	−06 04 06.8		809
1993 TJ_{40}		1993 10 21.21250	01 48 15.19	+04 14 16.3		809	(195)	1993 08 24.24306	23 40 36.30	−06 15 17.7		809
1993 TK_{40}	*	1993 10 11.21736	01 58 00.97	+04 58 19.6	18.6	809	(195)	1993 08 24.25625	23 40 35.69	−06 15 19.6		809
1993 TK_{40}		1993 10 11.23056	01 58 00.26	+04 58 17.4		809	(195)	1993 08 24.26944	23 40 35.09	−06 15 22.7		809
1993 TK_{40}		1993 10 11.24375	01 57 59.56	+04 58 14.5		809	(609)	1993 10 21.18611	01 36 41.06	+05 49 33.1	17.2	809
1993 TK_{40}		1993 10 21.18611	01 49 12.44	+04 20 32.0	18.5	809	(609)	1993 10 21.19931	01 36 40.42	+05 49 29.4		809
1993 TK_{40}		1993 10 21.19931	01 49 11.66	+04 20 29.6		809	(609)	1993 10 21.21250	01 36 39.75	+05 49 24.8		809
1993 TK_{40}		1993 10 21.21250	01 49 10.92	+04 20 27.7		809	(1156)	1993 08 20.27743	23 25 45.40	−06 10 22.8	17.5	809
1993 TL_{40}	*	1993 10 11.21736	01 58 35.32	+04 29 19.5	18.6	809	(1156)	1993 08 20.29271	23 25 44.66	−06 10 27.7		809
1993 TL_{40}		1993 10 11.23056	01 58 34.61	+04 29 15.8		809	(1156)	1993 08 20.30799	23 25 43.95	−06 10 32.8		809
1993 TL_{40}		1993 10 11.24375	01 58 33.87	+04 29 11.0		809	(1156)	1993 08 24.24306	23 22 43.92	−06 32 41.7		809
1993 TL_{40}		1993 10 21.18611	01 49 41.92	+03 35 38.2	18.5	809	(1156)	1993 08 24.25625	23 22 43.19	−06 32 48.1		809
1993 TL_{40}		1993 10 21.19931	01 49 41.12	+03 35 35.0		809	(1156)	1993 08 24.26944	23 22 42.55	−06 32 52.4		809
1993 TL_{40}		1993 10 21.21250	01 49 40.38	+03 35 31.0		809	(1212)	1993 10 21.18611	01 43 09.02	+01 50 43.3	17.5	809
1993 UV_8		1993 10 20.24236	02 16 02.11	+05 56 21.3	18.2	809	(1212)	1993 10 21.19931	01 43 08.44	+01 50 40.5		809
1993 UV_8		1993 10 20.25556	02 16 01.34	+05 56 18.4		809	(1212)	1993 10 21.21250	01 43 07.86	+01 50 36.6		809
1993 UV_8		1993 10 20.26875	02 16 00.51	+05 56 14.5		809	(1513)	1993 08 20.27743	23 39 51.04	−05 21 07.4	17.8	809
1993 UW_8		1993 10 20.24236	02 16 51.97	+06 16 06.4	18.4	809	(1513)	1993 08 20.29271	23 39 50.40	−05 21 13.2		809
1993 UW_8		1993 10 20.25556	02 16 51.17	+06 16 03.0		809	(1513)	1993 08 20.30799	23 39 49.75	−05 21 19.5		809
1993 UW_8		1993 10 20.26875	02 16 50.37	+06 15 59.7		809	(1513)	1993 08 24.24306	23 37 00.11	−05 48 45.0		809
1993 UX_8		1993 10 11.11319	01 21 53.50	+03 31 33.8	18.6	809	(1513)	1993 08 24.25625	23 36 59.48	−05 48 50.6		809
1993 UX_8		1993 10 11.12639	01 21 52.67	+03 31 30.6		809	(1513)	1993 08 24.26944	23 36 58.83	−05 48 56.4		809
1993 UX_8		1993 10 11.13958	01 21 52.02	+03 31 24.8		809	(1623)	1993 10 21.18611	01 39 14.98	+06 05 48.6	17.0	809
1993 UX_8	*	1993 10 20.15625	01 13 52.22	+02 46 56.4	18.5	809	(1623)	1993 10 21.19931	01 39 14.28	+06 05 45.0		809
1993 UX_8		1993 10 20.16944	01 13 51.33	+02 46 52.2		809	(1623)	1993 10 21.21250	01 39 13.57	+06 05 41.4		809
1993 UX_8		1993 10 20.18264	01 13 50.61	+02 46 47.5		809	(1895)	1993 08 20.27743	23 44 45.13	−04 01 39.1	18.0	809
1993 UY_8		1993 10 11.15972	01 22 41.55	+04 22 59.6	18.7	809	(1895)	1993 08 20.29271	23 44 44.64	−04 01 41.8		809
1993 UY_8		1993 10 11.17292	01 22 40.74	+04 22 53.9		809	(1895)	1993 08 20.30799	23 44 44.14	−04 01 45.3		809
1993 UY_8		1993 10 11.18611	01 22 40.02	+04 22 50.3		809	(1976)	1993 08 20.27743	23 39 16.91	−06 12 38.8	17.8	809
1993 UY_8	*	1993 10 20.15625	01 14 17.61	+03 40 31.8	18.7	809	(1976)	1993 08 20.29271	23 39 16.29	−06 12 43.7		809
1993 UY_8		1993 10 20.16944	01 14 16.93	+03 40 28.8		809	(1976)	1993 08 20.30799	23 39 15.62	−06 12 48.5		809
1993 UY_8		1993 10 20.18264	01 14 16.17	+03 40 25.2		809	(1976)	1993 08 24.24306	23 36 27.32	−06 34 58.0		809
1993 UZ_8	*	1993 10 20.24236	02 18 42.59	+06 11 08.0	18.4	809	(1976)	1993 08 24.25625	23 36 26.74	−06 35 02.3		809
1993 UZ_8		1993 10 20.25556	02 18 41.95	+06 11 06.9		809	(1976)	1993 08 24.26944	23 36 26.00	−06 35 07.1		809
1993 UZ_8		1993 10 20.26875	02 18 41.25	+06 11 05.8		809	(2172)	1993 10 21.18611	01 49 29.95	+06 21 18.1	17.0	809
1993 UZ_8		1993 10 21.27361	02 17 51.15	+06 10 00.9		809	(2172)	1993 10 21.19931	01 49 29.26	+06 21 15.3		809
1993 UZ_8		1993 10 21.28681	02 17 50.50	+06 09 59.6		809	(2172)	1993 10 21.21250	01 49 28.54	+06 21 11.3		809
1993 UZ_8		1993 10 21.30000	02 17 49.77	+06 09 58.5		809	(2222)	1993 08 20.27743	23 26 00.60	−07 27 24.4	17.0	809
1993 VH_5		1993 10 09.28333	02 22 42.88	+07 00 14.4		809	(2222)	1993 08 20.29271	23 26 00.01	−07 27 28.8		809
1993 VH_5		1993 10 09.29653	02 22 42.20	+07 00 09.4		809	(2222)	1993 08 20.30799	23 25 59.42	−07 27 32.9		809
1993 VH_5		1993 10 09.30972	02 22 41.48	+07 00 05.6		809	(2222)	1993 08 24.24306	23 23 36.10	−07 46 09.9		809
1993 VH_5		1993 10 11.26319	02 21 20.22	+06 50 42.5	18.2	809	(2222)	1993 08 24.25625	23 23 35.55	−07 46 14.3		809
1993 VH_5		1993 10 11.27639	02 21 19.58	+06 50 38.3		809	(2222)	1993 08 24.26944	23 23 35.00	−07 46 18.7		809
1993 VH_5		1993 10 11.28958	02 21 18.96	+06 50 34.7		809	(2425)	1993 10 21.18611	01 53 08.08	+04 07 31.5	17.5	809
2144 T-2		1993 08 20.27743	23 29 15.19	−05 41 16.6	18.2	809	(2425)	1993 10 21.19931	01 53 07.33	+04 07 29.8		809
2144 T-2		1993 08 20.29271	23 29 14.43	−05 41 19.1		809	(2425)	1993 10 21.21250	01 53 06.55	+04 07 29.0		809
2144 T-2		1993 08 20.30799	23 29 13.67	−05 41 21.5		809	(3802)	1993 08 20.27743	23 34 28.85	−05 58 58.3	17.2	809
2144 T-2		1993 08 24.24306	23 26 09.30	−05 53 19.9		809	(3802)	1993 08 20.29271	23 34 28.25	−05 59 05.5		809
2144 T-2		1993 08 24.25625	23 26 08.59	−05 53 22.6		809	(3802)	1993 08 20.30799	23 34 27.65	−05 59 12.5		809
2144 T-2		1993 08 24.26944	23 26 07.93	−05 53 25.0		809	(3802)	1993 08 24.24306	23 31 52.16	−06 30 50.8		809

(3802)	1993 08 24.25625	23 31 51.60	−06 30 57.3		809
(3802)	1993 08 24.26944	23 31 51.06	−06 31 03.3		809
(3981)	1993 08 20.27743	23 36 24.71	−06 27 04.7	17.7	809
(3981)	1993 08 20.29271	23 36 24.16	−06 27 08.8		809
(3981)	1993 08 20.30799	23 36 23.59	−06 27 13.0		809
(3981)	1993 08 24.24306	23 34 09.69	−06 44 21.9		809
(3981)	1993 08 24.25625	23 34 09.20	−06 44 26.6		809
(3981)	1993 08 24.26944	23 34 08.68	−06 44 29.8		809
(4271)	1993 08 20.27743	23 36 16.17	−03 45 20.7	17.5	809
(4271)	1993 08 20.29271	23 36 15.68	−03 45 27.7		809
(4271)	1993 08 20.30799	23 36 15.22	−03 45 34.4		809
(4271)	1993 08 24.24306	23 34 11.23	−04 15 15.1		809
(4271)	1993 08 24.25625	23 34 10.77	−04 15 21.6		809
(4271)	1993 08 24.26944	23 34 10.28	−04 15 28.1		809
(4994)	1993 08 20.27743	23 43 43.93	−04 00 57.4	18.2	809
(4994)	1993 08 20.29271	23 43 43.41	−04 01 00.3		809
(4994)	1993 08 20.30799	23 43 42.90	−04 01 03.3		809
(5205)	1993 08 20.27743	23 42 34.78	−05 14 55.2	18.0	809
(5205)	1993 08 20.29271	23 42 34.05	−05 14 56.8		809
(5205)	1993 08 20.30799	23 42 33.36	−05 14 58.5		809
(5205)	1993 08 24.24306	23 39 31.72	−05 23 07.1		809
(5205)	1993 08 24.25625	23 39 31.02	−05 23 08.6		809
(5205)	1993 08 24.26944	23 39 30.37	−05 23 10.4		809
(5287)	1993 08 20.27743	23 42 11.24	−04 16 27.2	18.0	809
(5287)	1993 08 20.29271	23 42 10.78	−04 16 33.8		809
(5287)	1993 08 20.30799	23 42 10.32	−04 16 39.0		809
(5287)	1993 08 24.24306	23 40 17.28	−04 44 08.6		809
(5287)	1993 08 24.25625	23 40 16.82	−04 44 14.7		809
(5287)	1993 08 24.26944	23 40 16.33	−04 44 20.6		809
(5296)	1993 08 20.27743	23 41 52.07	−05 52 25.2	18.1	809
(5296)	1993 08 20.29271	23 41 51.54	−05 52 29.6		809
(5296)	1993 08 20.30799	23 41 51.00	−05 52 33.7		809
(5296)	1993 08 24.24306	23 39 34.70	−06 10 32.6		809
(5296)	1993 08 24.25625	23 39 34.23	−06 10 37.1		809
(5296)	1993 08 24.26944	23 39 33.73	−06 10 39.8		809
(5837)	1993 08 20.27743	23 40 10.11	−05 05 03.1	18.3	809
(5837)	1993 08 20.29271	23 40 09.55	−05 05 07.7		809
(5837)	1993 08 20.30799	23 40 08.99	−05 05 10.8		809
(5837)	1993 08 24.24306	23 37 50.80	−05 22 59.1		809
(5837)	1993 08 24.25625	23 37 50.29	−05 23 02.1		809
(5837)	1993 08 24.26944	23 37 49.76	−05 23 06.1		809

816 Rand Observatory
G. R. Viscome, 100 Sentinel Road, Lake Placid, NY 12946, U.S.A.
0.37-m $f/6$ reflector + telecompressor + CCD (unfiltered)
GSC

(616)	1994 04 02.26304	13 06 15.14	−16 58 52.4	14.6	816
(616)	1994 04 02.27487	13 06 14.33	−16 58 53.0	14.5	816
(616)	1994 04 02.27972	13 06 14.00	−16 58 53.2	14.6	816
(2258)	1994 04 02.19705	08 34 27.46	+18 02 17.0		816
(2258)	1994 04 02.20210	08 34 27.54	+18 02 16.2		816
(2258)	1994 04 02.21545	08 34 27.84	+18 02 14.7		816
(2258)	1994 04 02.23078	08 34 28.22	+18 02 13.2		816
(2301)	1994 03 12.04685	05 28 46.01	+29 14 33.4		816
(2301)	1994 03 12.05456	05 28 46.57	+29 14 34.4		816
(2301)	1994 03 12.06108	05 28 47.04	+29 14 35.7		816
(3177)	1994 03 12.12729	07 53 33.15	+43 06 46.0		816
(3177)	1994 03 12.13208	07 53 33.23	+43 06 43.6		816
(3177)	1994 03 12.15455	07 53 33.51	+43 06 30.7		816
(4344)	1994 03 12.20517	11 03 37.66	+09 09 11.3		816
(4344)	1994 03 12.22770	11 03 36.55	+09 09 18.6		816
(4344)	1994 03 12.23203	11 03 36.38	+09 09 19.9		816

871 Akou
K. Kawanishi, 2045-1, Kariya, Akou, Hyogo-Ken 678-02, Japan
0.33-m $f/3.3$ reflector + CCD
GSC

1991 JP	1994 01 15.64537	08 50 18.58	+02 23 27.1	18.1	V	871
1991 JP	1994 01 15.66098	08 50 17.66	+02 23 28.2			871
1991 JP	1994 01 18.67442	08 47 31.11	+02 29 16.7	18.1	V	871
1991 JP	1994 01 18.68229	08 47 30.58	+02 29 17.9			871

887 Ojima
T. Urata, Shiinoki House 203, 28-6, Chuo 3 Chome, Nakano-Ku, Tokyo 164, Japan
Observer T. Niijima
Measurer T. Urata
0.30-m $f/5.8$ reflector + CCD
GSC

1991 JA	1994 03 06.64038	09 43 50.63	+27 45 59.2	16.8	V	887
1991 JA	1994 03 06.64686	09 43 50.26	+27 45 59.5			887
1991 JA	1994 03 06.65450	09 43 49.82	+27 45 59.8			887
1994 DF	1994 03 05.67696	09 24 59.67	+11 05 44.2	17	V	887
1994 DF	1994 03 05.68183	09 24 59.51	+11 05 47.0			887
(1028)	1994 03 06.64038	09 44 13.62	+27 38 36.6	14.0	V	887
(1028)	1994 03 06.64686	09 44 13.36	+27 38 37.0			887
(1028)	1994 03 06.65450	09 44 13.07	+27 38 37.3			887

894 Otomo
S. Otomo, Kiyosato 3545-3902, Takane-cho, Kitakoma-gun, Yamanashi-Ken, 407-03, Japan
0.25-m $f/3.4$ reflector
PPM

1987 QS_1	1994 03 10.61290	11 23 09.13	−01 01 52.7	16.4	894
1987 QS_1	1994 03 10.62604	11 23 08.33	−01 01 48.9		894
1987 QS_1	1994 03 14.60625	11 19 04.44	−00 53 55.0	16.4	894
1987 QS_1	1994 03 14.61875	11 19 03.65	−00 53 55.2		894
1987 QS_1	1994 03 15.58715	11 18 04.51	−00 51 49.4	16.5	894
1987 QS_1	1994 03 15.60035	11 18 03.61	−00 51 47.3		894
1989 AN_1	1994 03 06.60729	11 31 29.75	+06 15 26.2	17.0	894
1989 AN_1	1994 03 06.62049	11 31 28.97	+06 15 30.2		894
1989 AN_1	1994 03 10.66632	11 28 02.62	+06 35 35.2	16.5	894
1989 AN_1	1994 03 10.67951	11 28 01.93	+06 35 39.7		894
1991 QC	1994 03 10.61290	11 11 01.93	−00 09 10.5	17.2	894
1991 QC	1994 03 10.62604	11 11 01.07	−00 09 06.1		894
1992 UV	1994 01 14.66604	08 53 46.88	+06 07 35.6	17.0	894
1992 UV	1994 01 14.67986	08 53 46.26	+06 07 36.3		894

1992 UV	1994 01 19.73928	08 49 48.38	+06 15 35.5		894	1994 EL_7	1994 04 02.57159	12 41 27.67	−02 14 34.6	17.0	894
1992 UV	1994 01 19.75174	08 49 47.78	+06 15 36.9		894	1994 EL_7	1994 04 02.58403	12 41 26.89	−02 14 33.2		894
1992 UV	1994 02 02.56076	08 38 21.48	+06 51 19.7	16.8	894	1994 EL_7	1994 04 03.56811	12 40 32.34	−02 11 16.4		894
1992 UV	1994 02 02.57396	08 38 20.80	+06 51 21.1		894	1994 EL_7	1994 04 03.58194	12 40 31.50	−02 11 13.1		894
1992 UV	1994 02 05.68929	08 35 47.99	+07 01 37.2	17.0	894	1994 GG	* 1994 04 02.64722	12 49 13.59	−01 31 41.6	17.0	894
1992 UV	1994 02 05.70075	08 35 47.37	+07 01 37.4		894	1994 GG	1994 04 02.66042	12 49 13.21	−01 31 32.9		894
1993 QG_4	1993 09 14.54653	23 22 12.58	−06 29 48.5	17.0	894	1994 GG	1994 04 03.56811	12 48 29.93	−01 19 29.4		894
1993 QG_4	1993 09 14.56076	23 22 11.94	−06 29 51.0		894	1994 GG	1994 04 03.58194	12 48 29.53	−01 19 23.2		894
1994 DD	1994 03 01.52500	10 32 35.38	+11 13 55.7	17.0	894	(417)	1994 03 10.61290	11 12 28.59	−01 01 41.9		894
1994 DD	1994 03 01.53652	10 32 34.81	+11 14 00.2		894	(417)	1994 03 10.62604	11 12 27.96	−01 01 35.5		894
1994 DD	1994 03 04.53403	10 30 06.31	+11 32 37.9	17.0	894	(465)	1994 03 10.62604	11 08 30.97	−00 30 25.5		894
1994 DD	1994 03 04.54757	10 30 05.65	+11 32 41.7		894	(524)	1994 03 10.61290	11 21 24.30	−01 29 00.1		894
1994 DD	1994 03 10.55937	10 25 23.68	+12 07 19.7	17.0	894	(524)	1994 03 10.62604	11 21 23.51	−01 28 57.7		894
1994 DD	1994 03 10.57257	10 25 23.00	+12 07 26.1		894	(524)	1994 03 14.60625	11 17 39.94	−01 15 24.5		894
1994 DD	1994 03 15.55903	10 21 54.11	+12 32 35.0		894	(524)	1994 03 14.61875	11 17 39.22	−01 15 21.7		894
1994 DD	1994 03 15.57292	10 21 53.75	+12 32 39.2		894	(524)	1994 03 15.58715	11 16 45.42	−01 11 58.6		894
1994 EC_1	1994 03 06.60729	11 31 54.54	+05 47 54.5	16.5	894	(524)	1994 03 15.60035	11 16 44.69	−01 11 56.5		894
1994 EC_1	1994 03 06.62049	11 31 53.88	+05 48 00.6		894	(626)	1994 03 10.61290	11 11 46.33	−00 25 45.7		894
1994 EC_1	1994 03 10.66632	11 28 19.49	+06 25 39.6	16.7	894	(626)	1994 03 10.62604	11 11 45.37	−00 25 44.8		894
1994 EC_1	1994 03 10.67951	11 28 18.62	+06 25 47.3		894	(894)	1994 03 14.60625	11 16 09.57	−01 55 42.3		894
1994 EU_1	* 1994 03 06.58090	11 09 36.39	+07 00 54.9	17.2	894	(894)	1994 03 14.61875	11 16 09.07	−01 55 36.6		894
1994 EU_1	1994 03 06.59410	11 09 35.54	+07 00 59.0		894	(894)	1994 03 15.58715	11 15 29.24	−01 48 26.3		894
1994 EU_1	1994 03 14.63160	11 01 58.65	+07 14 46.5	17.2	894	(894)	1994 03 15.60035	11 15 28.67	−01 48 19.6		894
1994 EU_1	1994 03 14.64479	11 01 57.95	+07 14 48.1		894	(1065)	1994 03 10.61290	11 22 17.34	−00 47 46.2		894
1994 EE_2	* 1994 03 14.71007	11 54 05.46	−04 56 53.7	16.5	894	(1065)	1994 03 10.62604	11 22 16.61	−00 47 44.4		894
1994 EE_2	1994 03 14.72326	11 54 04.66	−04 56 48.5		894	(1162)	1994 04 02.57159	12 39 51.40	−02 54 35.6		894
1994 EE_2	1994 03 15.64063	11 53 18.10	−04 50 00.0	16.7	894	(1162)	1994 04 02.58403	12 39 50.91	−02 54 33.0		894
1994 EE_2	1994 03 15.65382	11 53 17.26	−04 49 51.9		894	(1162)	1994 04 03.56811	12 39 13.32	−02 50 54.7		894
1994 EE_2	1994 03 31.53345	11 40 14.36	−02 45 02.9	17.0	894	(1162)	1994 04 03.58194	12 39 12.74	−02 50 51.2		894
1994 EE_2	1994 03 31.54583	11 40 13.83	−02 44 56.1		894	(1808)	1994 03 06.58090	11 12 37.98	+06 40 00.3		894
1994 EE_2	1994 04 02.54583	11 38 47.39	−02 29 29.4	17.0	894	(1808)	1994 03 06.59410	11 12 37.30	+06 40 04.5		894
1994 EE_2	1994 04 02.55833	11 38 46.81	−02 29 24.3		894	(1808)	1994 03 14.63160	11 05 39.88	+07 17 52.7		894
1994 EP_2	1994 03 10.61290	11 21 44.97	−01 15 32.8	16.7	894	(1808)	1994 03 14.64479	11 05 39.16	+07 17 57.5		894
1994 EP_2	1994 03 10.62604	11 21 44.04	−01 15 30.2		894	(2004)	1994 03 06.58090	11 10 47.68	+06 52 42.6		894
1994 EP_2	* 1994 03 14.60625	11 17 23.60	−01 00 56.3	16.4	894	(2004)	1994 03 06.59410	11 10 46.81	+06 52 48.1		894
1994 EP_2	1994 03 14.61875	11 17 22.70	−01 00 52.6		894	(2004)	1994 03 14.63160	11 02 19.76	+07 33 04.9		894
1994 EP_2	1994 03 15.58715	11 16 19.46	−00 57 11.1	16.5	894	(2004)	1994 03 14.64479	11 02 18.90	+07 33 08.3		894
1994 EP_2	1994 03 15.60035	11 16 18.68	−00 57 08.0		894	(2752)	1994 03 10.61290	11 14 15.85	+00 10 13.8		894
1994 EQ_2	1994 03 10.61290	11 21 22.26	−01 42 48.7	17.0	894	(2752)	1994 03 10.62604	11 14 15.19	+00 10 22.1		894
1994 EQ_2	1994 03 10.62604	11 21 21.48	−01 42 47.3		894	(2900)	1994 04 02.57159	12 41 02.24	−02 23 11.2		894
1994 EQ_2	* 1994 03 14.60625	11 17 38.78	−01 33 58.9	16.6	894	(2900)	1994 04 02.58403	12 41 01.58	−02 23 09.5		894
1994 EQ_2	1994 03 14.61875	11 17 38.06	−01 33 56.1		894	(2900)	1994 04 03.58194	12 40 10.67	−02 20 41.2		894
1994 EQ_2	1994 03 15.58715	11 16 44.43	−01 31 42.1	17.0	894	(3625)	1994 03 10.61290	11 09 45.11	−00 51 48.0		894
1994 EQ_2	1994 03 15.60035	11 16 43.64	−01 31 39.2		894	(3625)	1994 03 10.62604	11 09 44.47	−00 51 43.1		894
1994 ER_2	* 1994 03 14.60625	11 21 04.50	−02 23 20.8	17.0	894	(3830)	1994 02 02.56076	08 37 31.40	+07 18 31.0		894
1994 ER_2	1994 03 14.61875	11 21 03.61	−02 23 18.6		894	(3830)	1994 02 02.57396	08 37 30.65	+07 18 29.9		894
1994 ER_2	1994 03 15.58715	11 19 59.12	−02 19 13.9	17.0	894	(3830)	1994 02 05.68929	08 34 57.69	+07 25 29.8		894
1994 ER_2	1994 03 15.60035	11 19 58.11	−02 19 10.5		894	(3830)	1994 02 05.70075	08 34 57.15	+07 25 30.9		894
1994 EP_3	1994 04 02.64722	12 49 39.10	−00 44 47.3	16.5	894	(4963)	1994 03 10.61290	11 18 03.73	−01 47 03.8		894
1994 EP_3	1994 04 02.66042	12 49 38.13	−00 44 46.9		894	(4963)	1994 03 10.62604	11 18 02.84	−01 47 02.8		894
1994 EP_3	1994 04 03.56811	12 48 39.53	−00 45 34.6		894	(5399)	1994 03 14.60625	11 19 37.03	−02 00 59.1		894
1994 EP_3	1994 04 03.58194	12 48 38.54	−00 45 35.9		894	(5399)	1994 03 14.61875	11 19 36.29	−02 00 53.8		894

(5399)	1994 03 15.58715	11 18 47.93	−01 55 42.6			894
(5399)	1994 03 15.60035	11 18 47.23	−01 55 38.4			894
(5482)	1994 03 10.61290	11 18 18.74	−01 38 31.9			894
(5482)	1994 03 10.62604	11 18 18.00	−01 38 29.1			894

896 Yatsugatake South Base Observatory
O. Muramatsu, 8-119-1, Sakura-zutsumi 2 Chome, Musashino, Tokyo 180, Japan
Observer Y. Kushida
Measurer O. Muramatsu
0.25-m $f/3.4$ reflector
GSC

1994 EM_1	∗ 1994 03 10.60660	12 02 40.41	+07 10 34.8	16.5		896
1994 EM_1	1994 03 10.63021	12 02 39.03	+07 10 43.2			896
1994 EM_1	1994 03 11.64983	12 01 45.82	+07 17 09.2		S	896
1994 EK_2	∗ 1994 03 14.58576	12 19 46.74	−00 35 33.6	16.5		896
1994 EK_2	1994 03 14.61910	12 19 45.10	−00 35 15.6			896
1994 EK_2	1994 03 15.59896	12 18 58.75	−00 26 29.7			896
1994 EK_2	1994 03 15.63160	12 18 57.06	−00 26 11.8			896
1994 EK_2	1994 03 20.71354	12 14 47.47	+00 20 04.8			896
1994 EK_2	1994 03 20.73611	12 14 46.25	+00 20 17.6			896
1994 ER_3	1994 03 31.54722	13 00 08.27	+05 18 22.5	17.0		896
1994 ER_3	1994 03 31.57257	13 00 06.87	+05 18 36.0			896
1994 ER_3	1994 04 03.57760	12 57 42.61	+05 42 22.8			896
1994 ER_3	1994 04 03.59983	12 57 41.49	+05 42 33.8			896

905 Nachi-Katsuura Observatory
T. Urata, Shiinoki House 203, 28-6, Chuo 3 Chome, Nakano-Ku, Tokyo 164, Japan
Observer Y. Shimizu
Measurer T. Urata
0.30-m $f/3.8$ hyperboloid astrocamera
GSC

1991 RE_{16}	1994 03 06.57350	10 58 09.44	+09 52 15.9	16.5	905
1991 RE_{16}	1994 03 06.58750	10 58 08.85	+09 52 20.8		905
1991 RE_{16}	1994 03 10.59502	10 55 14.84	+10 24 33.9	16.5	905
1991 RE_{16}	1994 03 10.60903	10 55 14.17	+10 24 40.6		905
1994 EG_1	∗ 1994 03 06.55185	10 01 02.44	+07 36 49.3	16.5	905
1994 EG_1	1994 03 06.56584	10 01 01.74	+07 36 59.1		905
1994 EG_1	1994 03 10.57541	09 58 33.21	+08 22 08.5	16.5	905
1994 EG_1	1994 03 10.58241	09 58 32.97	+08 22 12.2		905
1994 EG_1	1994 03 14.55845	09 56 24.26	+09 05 05.9	16.8	905
1994 EG_1	1994 03 14.56545	09 56 24.08	+09 05 11.1		905
1994 EM_1	1994 03 14.60272	11 59 07.81	+07 35 40.4	16.5	905
1994 EM_1	1994 03 14.60972	11 59 07.42	+07 35 42.3		905
1994 EM_1	1994 03 17.54745	11 56 25.80	+07 53 38.5	16.5	905
1994 EM_1	1994 03 17.56146	11 56 24.94	+07 53 44.5		905

975 Valencia
A. Lopez, Observatorio Astronómico de Valencia, Avda. Blasco Ibanez 13, E-46010 Valencia, Spain
Observers A. Lopez G., J. M. Martinez G.
Measurers A. Lopez G.,, A. Ortiz G., A. Flores
0.15-m $f/15$ refractor
PPM

(1)	1990 01 16.83487	05 28 02.60	+27 09 15.0	975
(1)	1990 01 16.83886	05 28 02.48	+27 09 15.8	975
(1)	1990 01 16.84294	05 28 02.31	+27 09 16.3	975
(1)	1990 01 16.84797	05 28 02.14	+27 09 15.2	975
(1)	1990 01 16.85219	05 28 01.93	+27 09 16.1	975
(1)	1990 01 16.85636	05 28 01.77	+27 09 16.3	975
(1)	1990 01 17.80576	05 27 26.09	+27 11 29.0	975
(1)	1990 01 17.81023	05 27 25.88	+27 11 30.7	975
(1)	1990 01 17.81431	05 27 25.78	+27 11 30.4	975
(1)	1990 01 17.82616	05 27 25.28	+27 11 31.4	975
(1)	1990 01 17.83015	05 27 25.08	+27 11 31.7	975
(1)	1990 01 17.83396	05 27 24.94	+27 11 32.5	975
(1)	1990 01 17.83904	05 27 24.80	+27 11 34.1	975
(1)	1990 01 17.84296	05 27 24.67	+27 11 34.9	975
(1)	1990 01 17.84674	05 27 24.42	+27 11 35.3	975
(1)	1990 01 23.82163	05 24 15.74	+27 24 30.9	975
(1)	1990 01 23.82571	05 24 15.70	+27 24 31.5	975
(1)	1990 01 23.82988	05 24 15.60	+27 24 32.1	975
(1)	1990 01 23.83451	05 24 15.36	+27 24 32.7	975
(1)	1990 01 23.83870	05 24 15.22	+27 24 33.4	975
(1)	1990 01 23.84281	05 24 15.11	+27 24 33.5	975
(1)	1990 01 30.83688	05 21 58.99	+27 38 18.6	975
(1)	1990 01 30.84095	05 21 58.99	+27 38 19.8	975
(1)	1990 01 30.84496	05 21 58.94	+27 38 19.9	975
(1)	1990 01 30.84936	05 21 58.94	+27 38 18.5	975
(1)	1990 01 30.85333	05 21 58.91	+27 38 19.0	975
(1)	1990 01 30.85723	05 21 58.80	+27 38 18.6	975
(1)	1990 02 14.84424	05 22 24.11	+28 04 48.0	975
(1)	1990 02 14.84916	05 22 24.19	+28 04 48.4	975
(1)	1990 02 14.85484	05 22 24.31	+28 04 48.4	975
(1)	1990 02 14.85921	05 22 24.37	+28 04 48.5	975
(1)	1990 02 14.86336	05 22 24.43	+28 04 48.8	975
(1)	1990 02 23.80071	05 25 55.27	+28 19 22.0	975
(1)	1990 02 23.80733	05 25 55.45	+28 19 22.8	975
(1)	1990 02 23.81384	05 25 55.78	+28 19 20.9	975
(1)	1990 02 23.81795	05 25 55.87	+28 19 21.1	975
(1)	1990 02 23.82215	05 25 55.96	+28 19 21.7	975
(1)	1990 02 23.82698	05 25 56.04	+28 19 25.4	975
(1)	1990 02 23.83118	05 25 56.17	+28 19 25.8	975
(1)	1990 02 23.83543	05 25 56.30	+28 19 26.2	975
(1)	1990 02 23.83960	05 25 56.39	+28 19 25.7	975
(1)	1990 02 23.84373	05 25 56.49	+28 19 26.1	975
(1)	1990 02 23.84761	05 25 56.61	+28 19 26.9	975
(1)	1990 02 23.85215	05 25 56.72	+28 19 27.2	975
(2)	1989 11 24.82504	00 22 30.50	−19 02 48.4	975
(2)	1989 11 24.82909	00 22 30.51	−19 02 49.0	975
(2)	1989 11 24.83311	00 22 30.41	−19 02 49.5	975
(2)	1989 11 24.83777	00 22 30.55	−19 02 49.2	975
(2)	1989 11 24.84167	00 22 30.48	−19 02 49.4	975
(2)	1989 11 24.84558	00 22 30.52	−19 02 49.9	975
(2)	1989 11 28.79634	00 22 47.06	−19 07 11.6	975
(2)	1989 11 28.80106	00 22 47.30	−19 07 12.8	975

(2)	1990 01 16.78871	00 53 38.56	−16 16 45.1	975
(2)	1990 01 16.79432	00 53 39.00	−16 16 41.2	975
(2)	1990 01 16.79947	00 53 39.37	−16 16 40.3	975
(2)	1990 01 16.80355	00 53 39.49	−16 16 38.6	975
(2)	1990 01 16.80784	00 53 39.80	−16 16 38.1	975
(2)	1990 01 16.81304	00 53 40.12	−16 16 38.2	975
(2)	1990 01 17.76629	00 54 41.04	−16 10 33.2	975
(2)	1990 01 17.77278	00 54 41.42	−16 10 30.3	975
(2)	1990 01 17.77836	00 54 41.79	−16 10 25.2	975
(2)	1990 01 17.78408	00 54 42.10	−16 10 23.5	975
(2)	1990 01 23.77664	01 01 21.11	−15 30 51.3	975
(2)	1990 01 23.78144	01 01 21.48	−15 30 48.8	975
(2)	1990 01 23.78711	01 01 21.70	−15 30 46.7	975
(2)	1990 01 23.79201	01 01 22.16	−15 30 43.6	975
(2)	1990 01 23.79825	01 01 22.52	−15 30 41.8	975
(2)	1990 01 23.80369	01 01 22.92	−15 30 40.3	975
(2)	1990 01 30.78976	01 09 42.81	−14 41 47.5	975
(2)	1990 01 30.79485	01 09 43.20	−14 41 45.8	975
(2)	1990 01 30.80046	01 09 43.48	−14 41 45.5	975
(2)	1990 01 30.80538	01 09 44.17	−14 41 44.7	975
(3)	1989 05 04.90346	09 57 31.31	+11 49 33.9	975
(3)	1989 05 04.90963	09 57 31.52	+11 49 33.9	975
(4)	1989 11 08.76134	19 41 29.57	−25 00 02.3	975
(4)	1989 11 08.76561	19 41 30.11	−25 00 01.1	975
(4)	1989 11 08.77070	19 41 30.71	−24 59 59.2	975
(4)	1989 11 08.77664	19 41 31.27	−24 59 58.0	975
(4)	1989 11 08.78146	19 41 31.77	−24 59 56.3	975
(4)	1989 11 08.78670	19 41 32.37	−24 59 55.6	975
(4)	1989 11 08.79259	19 41 33.02	−24 59 53.8	975
(4)	1989 11 08.79914	19 41 33.80	−24 59 52.2	975
(4)	1991 01 13.81532	03 01 03.55	+11 23 09.3	975
(4)	1991 01 13.81942	03 01 03.56	+11 23 10.9	975
(4)	1991 01 13.82366	03 01 03.59	+11 23 12.0	975
(4)	1991 01 15.78123	03 01 33.93	+11 32 58.5	975
(4)	1991 01 15.78549	03 01 33.99	+11 32 59.6	975
(4)	1991 01 15.78995	03 01 34.07	+11 33 00.6	975
(4)	1991 01 15.79799	03 01 34.29	+11 33 02.7	975
(4)	1991 01 15.80301	03 01 34.37	+11 33 04.3	975
(4)	1991 01 15.80812	03 01 34.42	+11 33 05.7	975
(4)	1991 01 15.81231	03 01 34.50	+11 33 07.1	975
(4)	1991 01 15.81657	03 01 34.57	+11 33 08.0	975
(8)	1989 04 16.89909	10 42 23.97	+16 27 42.6	975
(8)	1989 04 16.90415	10 42 23.86	+16 27 42.7	975
(8)	1989 04 16.90921	10 42 23.77	+16 27 44.2	975
(8)	1989 04 16.91407	10 42 23.75	+16 27 43.7	975
(15)	1989 10 30.82789	21 45 23.95	+01 03 36.7	975
(15)	1989 10 30.83189	21 45 24.07	+01 03 36.5	975
(15)	1989 10 30.83620	21 45 24.30	+01 03 36.3	975
(15)	1989 11 07.81331	21 51 19.92	+01 12 11.5	975
(15)	1989 11 24.78163	22 08 41.46	+01 58 05.0	975
(15)	1989 11 24.78551	22 08 41.70	+01 58 04.8	975
(15)	1989 11 24.78956	22 08 41.93	+01 58 05.9	975
(15)	1989 11 24.79460	22 08 42.40	+01 58 07.9	975
(15)	1989 11 24.79851	22 08 42.62	+01 58 08.7	975
(15)	1989 11 24.80232	22 08 42.99	+01 58 09.2	975
(15)	1989 11 24.80657	22 08 43.03	+01 58 10.4	975
(15)	1989 11 24.81043	22 08 43.37	+01 58 11.5	975
(15)	1989 11 24.81437	22 08 43.57	+01 58 11.7	975
(15)	1989 11 28.77259	22 13 34.42	+02 14 16.8	975
(15)	1989 11 28.77752	22 13 34.76	+02 14 17.9	975
(15)	1989 11 28.78298	22 13 35.14	+02 14 20.6	975
(16)	1991 01 11.80852	04 26 35.08	+17 34 55.1	975
(16)	1991 01 11.81424	04 26 35.00	+17 34 55.0	975
(16)	1991 01 11.82055	04 26 34.73	+17 34 53.7	975
(16)	1991 01 11.82641	04 26 34.53	+17 34 55.2	975
(16)	1991 01 13.83442	04 26 05.65	+17 37 05.6	975
(16)	1991 01 13.84058	04 26 05.51	+17 37 05.6	975
(16)	1991 01 13.85016	04 26 05.37	+17 37 07.0	975
(16)	1991 01 13.85644	04 26 05.28	+17 37 07.8	975
(16)	1991 01 15.82918	04 25 43.64	+17 39 35.8	975
(16)	1991 01 15.83567	04 25 43.61	+17 39 36.0	975

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Comet Mueller (1994c)

				Marsden	
T	1993 Dec. 1.24855 TT			**P**	**Q**
q	1.7772993		(2000.0)		
		ω	100.44323	−0.10978529	−0.99270990
		Ω	5.01918	−0.97637703	+0.09833846
e	1.0	i	145.35107	+0.18610505	−0.06968927

From 20 observations 1994 Mar. 14–Apr. 6.

Periodic Comet Kushida-Muramatsu (1993t)

Epoch 1993 Nov. 29.0 TT = JDT 2449320.5

				Nakano	
T	1993 Dec. 10.14991 TT				
q	2.7451719		(2000.0)	**P**	**Q**
n	0.13313469	ω	348.28762	+0.13901006	−0.98943301
a	3.7984688	Ω	93.71181	+0.91187652	+0.11166141
e	0.2772951	i	2.36697	+0.38620903	+0.09248807
P	7.40				

From 151 observations 1993 Dec. 8–1994 Mar. 17, mean residual 0″.63.

Periodic Comet Kushida (1994a)

Epoch 1993 Nov. 29.0 TT = JDT 2449320.5

				Nakano	
T	1993 Dec. 12.86729 TT				
q	1.3673109		(2000.0)	**P**	**Q**
n	0.13387548	ω	214.49513	−0.17963031	−0.98147572
a	3.7844434	Ω	245.93339	+0.91819878	−0.14297384
e	0.6387023	i	4.18422	+0.35304950	−0.12752996
P	7.36				

From 226 observations 1994 Jan. 7–Apr. 2, mean residual 0″.70.

Comet Shoemaker-Levy (1993h)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5

				Marsden	
T	1994 Feb. 2.02718 TT				
q	4.8492388		(2000.0)	**P**	**Q**
z	−0.0000614	ω	232.45531	−0.37449624	+0.80079933
	±0.0000304	Ω	30.32822	−0.22795663	+0.40910816
e	1.0002975	i	67.76697	−0.89877046	−0.43743678

From 21 observations 1993 May 24–1994 Apr. 6, mean residual 0″.93.

Comet McNaught-Russell (1993v)

Epoch 1994 Mar. 29.0 TT = JDT 2449440.5

				Marsden	
T	1994 Mar. 31.09774 TT				
q	0.8676404		(2000.0)	**P**	**Q**
z	+0.0072024	ω	353.47052	−0.94881392	−0.25610630
	±0.0000154	Ω	166.35655	+0.31344603	−0.83540853
e	0.9937509	i	51.58901	+0.03877789	+0.48631486

From 97 observations 1993 Dec. 17–1994 Apr. 4, mean residual 0″.66.

Comet Shoemaker-Levy (1994d)

				Marsden	
T	1994 May 27.33216 TT				
q	1.1601137		(2000.0)	**P**	**Q**
		ω	57.36020	−0.39546507	+0.90172554
		Ω	166.56142	+0.35909628	−0.02321027
e	1.0	i	131.28430	+0.84537402	+0.43168546

From 26 observations 1994 Mar. 14–Apr. 8.

Periodic Comet Mueller 5 (1993s)

Epoch 1994 Sept 5.0 TT = JDT 2449600.5

				Nakano	
T	1994 Sept 12.03655 TT				
q	4.2500425		(2000.0)	**P**	**Q**
n	0.07152921	ω	30.00449	−0.63150632	−0.72360947
a	5.7475192	Ω	100.66241	+0.64302046	−0.68949504
e	0.2605431	i	16.46574	+0.43327180	−0.03139953
P	13.78				

From 62 observations 1992 Dec. 18–1994 Mar. 17, mean residual 0″.75.

One-opposition minor planets

Planet	H	Epoch	M	ω	Ω	i	e	a	Arc	O	N	C
1993 PB_7	12.5	930821	142.01	16.76	170.34	0.62	0.1444	3.0565	35	7		W
1993 PC_7	13.5	930821	316.94	231.75	157.63	6.69	0.1077	2.9427	35	7		W
1993 PD_7	16.0	930821	10.63	344.22	331.26	4.34	0.2526	2.2250	35	7		W
1993 PK_7	14.0	930821	13.16	229.62	88.10	0.21	0.1914	3.2282	35	7		W
1993 PL_7	14.5	930821	45.61	114.87	161.34	13.27	0.1620	2.6089	35	0		W
1993 PP_7	16.0	930821	20.01	352.41	314.10	1.56	0.1759	2.1808	35	0		W
1993 PS_7	15.0	930821	350.81	16.17	334.99	3.13	0.2337	2.6659	35	7		W
1993 PU_7	13.5	930821	257.00	122.56	331.65	2.05	0.1207	2.7362	35	7		W
1993 QU	14.5	930821	357.82	351.92	346.64	17.41	0.2508	2.4996	31	7		W
1993 QJ_1	13.5	930821	212.63	326.46	166.12	12.62	0.1071	2.5683	34	0		W
1993 QS_1	15.5	930821	41.60	313.34	323.98	1.92	0.1941	2.2056	34	7		W
1993 QD_3	13.0	930821	54.09	122.14	162.43	9.14	0.0419	3.1137	6	7	E	W
1993 QE_3	16.5	930821	1.65	193.33	140.20	3.24	0.2483	2.1838	6	0		W
1993 QF_3	12.5	930821	158.55	27.35	153.53	2.02	0.1166	3.1723	33	0	D	W
1993 QJ_3	15.0	930821	317.04	70.18	334.65	1.15	0.2359	2.2965	6	0	E	W
1993 QN_3	14.0	930821	41.62	136.67	160.01	4.90	0.0465	2.7006	33	0		W
1993 QO_3	13.0	930821	31.74	153.47	156.67	13.69	0.0213	3.1736	6	0	E	W
1993 QR_3	14.0	930821	115.33	58.25	157.03	12.71	0.1138	2.3309	6	0		W
1993 QS_3	14.5	930821	47.39	261.67	2.81	1.59	0.2764	2.5866	6	0	E	W
1993 QV_3	14.5	930821	40.81	284.68	345.41	9.79	0.3034	2.7882	6	0		W
1993 QW_3	15.5	930821	341.50	25.69	341.65	7.33	0.1752	2.5720	27	0		W
1993 QX_3	13.5	930821	315.26	45.07	349.22	8.87	0.0760	2.9544	33	0		W
1993 QY_3	14.0	930821	335.96	213.02	159.68	10.70	0.1053	2.9441	23	0		W
1993 QZ_3	15.0	930821	338.90	219.59	148.32	6.58	0.1370	2.3453	6	0		W
1993 QC_4	15.0	930821	315.76	254.10	157.08	8.84	0.2639	2.3409	6	0		W
1993 QE_4	14.5	930821	39.54	271.62	14.93	2.50	0.1760	2.5562	6	0	E	W
1993 QF_4	13.5	930821	288.79	293.00	150.62	7.74	0.2507	2.7727	6	0		W
1993 QG_4	15.8	930821	352.52	204.21	147.45	2.47	0.2392	2.3315	33	0		N
1993 QH_4	14.0	930821	337.69	250.08	128.49	2.21	0.2271	3.1860	33	0		W
1993 QK_4	14.0	930821	294.43	298.94	118.09	2.72	0.0794	2.6339	6	0		W
1993 QL_4	15.5	930821	10.34	181.48	140.65	3.00	0.2332	2.3224	6	0		W
1993 QM_4	13.5	930821	271.72	81.72	9.43	2.10	0.1676	2.6654	6	0	E	W
1993 QN_4	14.5	930821	301.75	274.58	142.12	5.93	0.1599	2.3330	6	0		W
1993 QO_4	14.0	930821	346.25	214.98	150.01	1.82	0.2178	3.1097	33	0		W
1993 QP_4	15.5	930821	354.61	213.98	134.48	2.88	0.2301	2.3862	6	0		W
1993 QR_4	14.0	930821	241.82	96.49	12.64	3.51	0.0752	2.5654	33	0		W
1993 QS_4	14.5	930821	337.61	27.55	347.16	13.15	0.1967	2.5816	33	0		W
1993 QT_4	15.5	930821	332.26	28.25	350.92	7.53	0.1684	2.2882	33	0		W
1993 QU_4	14.5	930821	24.38	153.02	159.60	11.14	0.1115	2.5495	23	0		W
1993 QV_4	13.5	930821	253.23	82.60	13.88	1.91	0.0421	2.8571	33	0		W
1993 QQ_5	14.5	930821	352.53	154.82	192.31	4.70	0.1241	2.7493	32	7		W
1993 QU_5	15.5	930821	358.77	169.87	168.26	8.68	0.2291	2.5914	32	7		W
1993 QJ_6	15.0	930821	90.05	178.49	58.30	0.84	0.1224	2.3464	5	9		W
1993 QP_6	14.0	930821	335.74	212.51	160.54	8.76	0.1202	3.0088	21	9		W
1993 QH_7	15.5	930821	15.77	173.22	145.27	2.58	0.1366	2.2313	21	9		W
1993 QP_8	15.0	930821	335.39	24.50	356.01	7.90	0.2310	2.7774	21	9		W
1993 SM_4	15.0	930821	3.17	335.42	358.18	5.16	0.2407	2.6484	31	0		W
1993 SO_4	16.0	930821	333.73	227.75	152.38	2.23	0.2353	2.2537	31	0		W
1993 SU_4	13.5	930821	353.56	355.18	354.34	12.29	0.0319	2.7986	31	0		W
1993 SD_5	15.0	930821	351.13	358.19	353.88	6.30	0.1147	2.2093	31	0		W
1993 SH_5	14.5	930821	350.25	318.16	40.67	0.84	0.2495	3.0386	31	0		W
1993 TT_{12}	14.8	931020	52.11	242.65	69.48	4.02	0.1791	2.3249	11	0	D	K
1993 TK_{29}	14.0	930930	357.89	246.16	136.70	4.21	0.1358	3.0112	12	9		W
1993 TM_{29}	12.5	930930	176.31	42.96	162.15	7.89	0.1181	3.1853	12	9		W
1993 TN_{29}	15.5	930930	38.69	195.90	125.14	3.26	0.2109	2.4261	12	9		W
1993 TQ_{29}	14.0	930930	324.11	252.27	179.60	5.19	0.1837	3.0449	12	9		W

1993 TT_{29}	13.5	930930	108.98	167.61	97.86	2.90	0.0681	2.7997	12	9		W
1993 TV_{29}	15.0	930930	1.21	221.34	155.20	5.50	0.2605	2.9710	12	9		W
1993 TZ_{29}	13.5	930930	227.62	80.70	79.24	3.40	0.0670	2.8978	12	9		W
1993 TA_{30}	15.0	930930	74.12	167.92	117.84	3.61	0.1744	2.3840	12	9		W
1993 TC_{30}	16.0	930930	6.50	326.39	40.92	7.39	0.2401	2.6358	12	9		W
1993 TE_{30}	16.0	930930	358.00	254.58	126.39	2.27	0.1936	2.3805	12	9		W
1993 TF_{30}	14.0	930930	21.36	311.00	38.41	16.90	0.1714	3.1084	12	9		W
1993 TG_{30}	15.5	930930	357.27	344.06	38.95	9.04	0.2907	2.7922	12	9	E	W
1993 TH_{30}	15.0	930930	279.76	49.68	55.28	7.47	0.0512	2.2306	12	9		W
1993 TJ_{30}	13.5	930930	50.58	118.37	187.78	13.47	0.2383	3.1562	12	9		W
1993 TM_{30}	15.5	930930	339.89	266.66	143.13	4.29	0.2138	2.5964	12	9		W
1993 TN_{30}	14.0	930930	44.01	207.18	108.09	4.33	0.2192	2.9204	12	9		W
1993 TR_{30}	14.0	930930	255.78	42.13	113.77	2.43	0.3009	2.4821	12	9		W
1993 TS_{30}	14.5	930930	349.87	206.16	187.81	12.19	0.1491	2.6763	12	9		W
1993 TT_{30}	13.5	930930	71.42	118.19	174.47	10.70	0.1580	3.1065	12	9		W
1993 TV_{30}	14.5	930930	329.97	234.82	192.22	18.38	0.2121	3.0792	12	9		W
1993 TY_{30}	15.0	930930	329.44	261.13	161.07	3.10	0.1581	2.6571	12	9		W
1993 TZ_{30}	15.0	930930	310.36	342.59	123.57	3.52	0.3337	2.5417	12	9		W
1993 TA_{31}	15.0	930930	320.34	293.13	147.49	4.20	0.2343	2.5573	12	9		W
1993 TC_{31}	14.5	930930	324.00	14.16	51.03	6.12	0.1101	2.6913	12	9		W
1993 TF_{31}	14.0	930930	330.15	321.59	95.97	3.20	0.0906	2.9851	12	9		W
1993 TG_{31}	13.5	930930	152.45	155.71	66.33	4.14	0.1820	2.4050	12	9		W
1993 TJ_{31}	13.5	930930	15.40	248.57	115.87	5.20	0.0560	3.0696	12	9		W
1993 TK_{31}	15.0	930930	352.35	316.59	73.67	3.44	0.0919	2.6512	12	9		W
1993 TM_{31}	13.5	930930	287.99	345.84	114.63	3.06	0.0532	2.9079	12	9		W
1993 TQ_{31}	14.5	930930	61.63	158.05	135.61	4.33	0.2273	2.5678	12	3		W
1993 TR_{31}	15.0	930930	339.26	306.53	101.72	4.53	0.1672	2.5245	12	3		W
1993 TT_{31}	16.0	930930	23.75	195.61	147.58	2.76	0.1969	2.2709	12	3		W
1993 TY_{31}	14.5	930930	333.68	231.09	188.40	11.12	0.1950	2.6751	12	3		W
1993 TB_{32}	16.0	930930	17.76	308.42	36.93	11.44	0.2840	2.5000	12	9	E	W
1993 TC_{32}	13.5	930930	312.55	330.17	109.57	3.30	0.1025	3.0810	12	3		W
1993 TD_{32}	16.0	930930	27.79	268.42	68.19	4.51	0.2005	2.2133	12	3		W
1993 TK_{32}	14.0	930930	334.81	237.59	172.34	9.15	0.0610	2.6590	12	9		W
1993 TL_{32}	14.5	930930	17.69	244.37	115.43	2.65	0.1052	2.6913	12	9		W
1993 TN_{32}	15.5	930930	337.40	239.38	173.47	7.07	0.1834	2.5576	12	9		W
1993 TQ_{32}	15.0	930930	10.89	326.44	40.51	9.87	0.0824	2.2722	12	9		W
1993 TR_{32}	15.5	930930	336.43	269.42	139.38	3.88	0.1024	2.3101	12	9		W
1993 TU_{32}	16.0	930930	9.73	317.48	45.35	5.98	0.2172	2.3155	12	9		W
1993 TW_{32}	14.5	930930	6.00	230.44	144.30	3.29	0.0984	2.7343	12	9		W
1993 TY_{32}	13.0	930930	243.63	95.44	46.48	9.48	0.0187	3.0499	12	9		W
1993 TZ_{32}	15.0	930930	348.60	268.94	123.95	2.74	0.0565	2.1694	12	9		W
1993 TB_{33}	15.5	930930	22.82	238.37	107.67	3.35	0.1876	2.3734	12	9		W
1993 TC_{33}	15.0	930930	41.07	166.88	165.40	7.14	0.0906	2.3759	12	9		W
1993 TD_{33}	14.5	930930	8.92	305.03	66.51	6.81	0.0630	2.6973	12	9		W
1993 TE_{33}	14.0	930930	170.20	57.17	153.87	5.58	0.1392	2.5532	12	9		W
1993 TG_{33}	15.5	930930	344.85	220.47	185.56	11.41	0.2617	2.6403	12	9		W
1993 TJ_{33}	14.0	930930	30.38	286.95	53.38	6.85	0.1721	3.1339	12	9		W
1993 TL_{33}	14.0	930930	133.61	62.65	181.07	10.66	0.0762	2.5795	12	9		W
1993 TM_{33}	14.5	930930	300.27	53.03	44.42	10.15	0.1468	2.6281	12	9		W
1993 TR_{33}	13.5	930930	42.30	281.65	51.88	11.62	0.0786	2.9588	12	9		W
1993 TS_{33}	15.0	930930	319.96	314.45	116.55	4.30	0.1252	2.3880	12	9		W
1993 TW_{33}	14.0	930930	21.04	261.80	98.47	5.30	0.0281	2.7388	12	9		W
1993 TX_{33}	13.0	930930	286.10	305.64	176.92	10.96	0.2103	3.2267	12	9		W
1993 TA_{34}	15.5	930930	322.92	356.61	75.49	4.51	0.1812	2.3501	12	9		W
1993 TE_{34}	15.5	930930	36.43	177.73	151.09	3.93	0.1764	2.1955	12	0		W
1993 TN_{34}	14.5	930930	101.16	204.02	58.47	7.58	0.1715	2.1792	12	0		W
1993 TX_{36}	13.5	930930	119.06	110.63	142.44	4.21	0.1400	2.7494	12	0		W
1993 TG_{37}	16.0	930930	21.38	269.18	75.85	4.85	0.2171	2.1797	12	9		W
1993 TU_{39}	15.0	930930	282.27	52.08	69.11	4.70	0.2134	2.3671	11	9		W
1993 TX_{39}	15.5	930930	1.74	227.52	149.98	3.09	0.2010	2.4577	12	9		W
1993 TZ_{39}	14.5	930930	18.45	301.33	52.18	8.25	0.1515	2.6815	10	9		W
1993 VH_{5}	15.0	931020	23.68	229.79	124.43	3.98	0.2117	2.8339	35	0		W
1994 AP_{1}	12.4	940128	344.25	192.68	316.96	19.45	0.2120	2.9906	41	0		B
1994 AP_{2}	12.5	940128	38.61	290.87	148.17	23.07	0.2079	2.3643	62	0		W
1994 AD_{3}	15.0	940128	24.09	312.18	112.05	3.82	0.2206	2.3576	49	0		W
1994 AJ_{3}	12.0	940128	332.04	317.10	161.80	4.41	0.1370	3.9494	56	0		W
1994 AM_{3}	13.5	940128	321.15	166.32	2.69	6.77	0.0856	2.2196	55	0		W
1994 AA_{4}	15.2	940108	0.24	15.30	96.87	5.07	0.2260	2.3989	17	0		B
1994 AC_{8}	15.3	940128	275.61	128.62	96.90	4.38	0.1285	2.2343	36	0		B
1994 AN_{9}	13.5	940128	41.01	322.55	113.21	25.40	0.0744	3.0492	56	0		W
1994 BE	13.5	940217	236.93	66.13	185.94	6.86	0.0444	2.9707	68	0		W
1994 BK_{3}	14.0	940128	156.12	44.57	277.48	8.53	0.0854	2.6134	26	0		W
1994 BL_{3}	15.0	940108	43.96	250.48	165.00	5.13	0.1869	2.7377	15	8		M
1994 BN_{3}	15.5	940108	30.07	270.03	164.56	2.75	0.1635	2.4336	14	7		M
1994 BO_{3}	13.5	940108	60.33	253.15	133.47	17.66	0.2704	3.1736	15	0		M
1994 BP_{3}	14.0	940108	143.43	183.96	136.08	13.21	0.2711	2.2711	15	0		M
1994 BQ_{3}	13.5	940108	93.94	226.55	138.34	13.54	0.1710	2.6674	15	0		M
1994 BR_{3}	14.0	940108	270.16	81.31	140.20	13.26	0.1235	2.6805	15	0		M
1994 BA_{4}	15.0	940108	12.45	243.77	218.26	3.05	0.1155	2.5790	58	0		W
1994 BB_{4}	14.5	940108	301.93	263.65	286.40	10.32	0.1283	2.6114	15	0		M
1994 BE_{4}	14.0	940108	267.35	85.68	137.31	11.69	0.1023	2.6656	15	0		M
1994 BF_{4}	14.5	940108	339.36	351.15	153.74	4.52	0.1290	2.7532	15	0		M
1994 BG_{4}	14.5	940108	266.88	308.23	271.76	6.05	0.0725	2.3803	15	0		M
1994 BH_{4}	15.5	940108	0.47	292.93	183.17	1.95	0.1472	2.3348	15	0		M
1994 BJ_{4}	13.5	940108	298.02	273.62	275.09	8.08	0.0607	3.0876	15	8	E	M
1994 BN_{4}	14.0	940217	163.85	74.87	254.38	5.69	0.1500	2.3065	39	0		W
1994 CL	12.4	940217	273.44	255.44	356.76	10.92	0.1303	2.4177	29	0		N
1994 CM	12.1	940217	64.81	42.62	33.30	8.63	0.0844	2.8475	29	0		N
1994 CN	12.9	940217	70.30	13.53	47.09	9.82	0.0563	2.9846	13	0		B
1994 CY	13.5	940217	25.37	114.66	259.85	14.47	0.3208	3.1781	50	0		W
1994 CA_{1}	15.0	940217	242.82	67.27	196.04	4.49	0.0682	2.3985	39	0		W
1994 CE_{1}	14.0	940217	70.73	108.07	320.98	13.31	0.1419	2.5441	29	0		W
1994 CY_{1}	12.9	940309	283.07	300.22	300.93	7.99	0.0863	2.3293	32	8		N
1994 CC_{2}	14.0	940217	334.93	48.96	155.99	18.57	0.3284	2.6601	26	0		W
1994 CD_{2}	13.9	940217	333.38	33.90	159.17	2.29	0.1745	2.3810	18	0		N
1994 CF_{2}	12.1	940217	30.48	353.70	122.68	2.24	0.1454	3.1832	26	0		N
1994 CG_{2}	12.2	940309	270.77	269.21	0.60	14.85	0.1212	2.6137	31	0		N
1994 CK_{2}	11.4	940217	7.72	78.57	58.27	2.46	0.1137	3.1936	21	0		N
1994 CM_{2}	14.5	940217	78.55	126.82	295.68	6.50	0.0452	2.2686	33	0		W
1994 CS_{2}	13.1	940309	50.67	337.51	132.88	14.84	0.0876	2.5815	29	0		N
1994 CE_{4}	15.5	940128	45.27	289.96	152.90	3.87	0.1530	2.6575	48	0		W
1994 CX_{5}	16.5	940217	71.37	124.01	288.57	1.63	0.1838	2.3649	23	8		W
1994 CF_{6}	14.5	940217	339.22	29.86	146.73	12.05	0.1265	3.1834	20	9		W
1994 CG_{6}	14.5	940217	197.55	170.65	147.15	15.52	0.1906	2.5798	20	9		W
1994 CN_{8}	13.0	940128	176.55	189.23	125.61	2.85	0.0923	2.2679	2	5	E	W
1994 CO_{8}	12.5	940128	355.18	183.97	314.01	7.62	0.1189	2.5298	2	5	E	W
1994 CP_{8}	13.5	940128	33.00	123.20	325.40	3.72	0.1342	2.1891	2	5	E	W
1994 CQ_{8}	11.0	940128	167.94	192.35	130.05	12.03	0.0921	2.7256	2	5	E	W
1994 CT_{8}	14.0	940128	11.08	333.17	142.48	4.67	0.1832	2.6292	2	5	E	W
1994 CU_{8}	12.5	940128	357.96	12.43	122.32	7.06	0.1446	3.1877	2	5	E	W
1994 CY_{8}	12.5	940128	336.09	214.13	314.30	9.36	0.2040	2.9485	2	5	E	W
1994 CZ_{8}	13.5	940128	356.29	175.16	321.51	8.47	0.1155	2.2397	2	5	E	W
1994 CA_{9}	14.0	940108	350.58	122.89	13.69	0.81	0.1008	2.2449	32	8		W
1994 CB_{9}	11.5	940128	169.77	334.93	346.91	1.77	0.1169	2.4452	2	5	E	W
1994 DA	14.0	940309	297.34	55.69	162.17	9.17	0.0693	2.6639	42	0		W
1994 DC	13.7	940309	313.08	242.19	354.75	8.89	0.1949	2.3920	27	0		N

1994 DD	13.2	940309	29.19	345.27	135.86	2.96	0.1465	2.6710	26	0	N
1994 DF	13.5	940217	54.10	273.15	160.40	12.91	0.1682	2.6557	15	7	N
1994 DG	12.0	940217	167.84	184.02	147.16	10.08	0.1572	2.7588	19	0	W
1994 EB	14.0	940309	33.36	326.00	172.64	6.57	0.0702	2.4629	14	0	W
1994 ED	12.5	940309	294.79	122.89	118.77	1.42	0.0469	2.7356	11	0	N
1994 EE	15.5	940217	131.61	224.83	150.74	6.78	0.2609	2.2615	5	0	W
1994 EF	14.0	940309	329.44	211.82	302.10	12.12	0.1113	2.6506	12	0	W
1994 EG	16.0	940217	46.51	311.17	153.27	7.27	0.1341	2.5429	4	8	W
1994 EJ	18.5	940309	346.47	188.12	16.96	5.03	0.3455	2.3904	17	0	W
1994 EK	**20.0**	**940309**	**24.38**	**97.34**	**334.69**	**6.01**	**0.6399**	**2.1436**	**16**	**0**	**W**
1994 EM	13.5	940217	114.89	204.74	155.76	14.03	0.3179	2.6792	4	6	W
1994 EN	13.0	940309	113.28	212.19	159.01	10.70	0.2194	3.0475	11	8	W
1994 EP	13.3	940309	342.32	134.24	64.03	4.98	0.0941	2.4326	6	8	N
1994 EQ	13.2	940309	297.37	236.71	22.31	13.30	0.1757	2.5962	6	8	N
1994 ES	14.5	940217	129.30	210.36	146.90	25.31	0.2250	2.2857	24	0	W
1994 ET	13.5	940309	105.17	58.73	328.20	7.85	0.1615	2.2354	5	0	W
1994 EU	**25.5**	**940309**	**17.37**	**145.46**	**351.69**	**6.48**	**0.2783**	**1.3777**	**12**	**0**	**W**
1994 EW	17.0	940309	235.20	60.85	247.37	0.26	0.2034	2.1318	12	0	W
1994 EX	15.0	940309	214.73	277.77	40.00	2.49	0.0563	2.8750	10	0	W
1994 EY	16.0	940309	59.53	296.79	147.15	4.40	0.2295	2.5854	8	8	W
1994 EA_1	15.0	940309	99.07	49.87	354.03	21.05	0.2441	3.0720	2	7	W
1994 EB_1	17.5	940309	354.51	49.50	127.19	2.05	0.1747	2.5239	2	9	W
1994 EG_1	12.6	940309	12.42	334.39	166.77	13.62	0.1130	2.6467	8	6	N
1994 EJ_1	12.2	940309	77.22	274.17	179.78	21.28	0.1043	2.6937	10	6	N
1994 EK_1	14.1	940309	27.65	93.36	33.00	4.85	0.3238	2.5452	9	8	N
1994 EL_1	13.5	940309	94.99	318.10	112.97	4.93	0.1401	2.1921	12	0	W
1994 ET_1	13.5	940309	104.34	254.08	94.71	3.46	0.2017	2.4583	19	7	W
1994 EY_1	12.0	940309	17.75	59.21	105.08	12.10	0.1250	3.1608	18	0	W
1994 EZ_1	12.5	940309	358.44	142.81	48.36	9.72	0.1000	2.7940	18	0	W
1994 EA_2	15.5	940309	9.64	325.22	184.44	7.58	0.2917	2.1362	5	8	M
1994 EB_2	13.5	940309	352.34	47.02	133.29	23.22	0.2309	2.3991	28	8	W
1994 EC_2	12.5	940309	118.68	27.57	13.23	26.60	0.2248	2.2498	6	6 E	N
1994 ED_2	12.8	940309	348.00	220.11	338.24	7.84	0.1744	2.7649	6	6	N
1994 EF_2	**16.5**	**940309**	**15.49**	**123.63**	**346.52**	**23.32**	**0.5171**	**2.2912**	**25**	**0**	**W**
1994 EL_2	13.1	940309	338.99	204.54	2.10	13.78	0.2004	2.6277	11	0	N
1994 EP_2	13.5	940309	292.83	293.84	320.71	5.26	0.1508	2.2228	5	6	N
1994 EQ_2	12.7	940309	23.89	173.56	329.80	9.14	0.0725	2.7814	5	6	N
1994 ES_2	**8.0**	**940309**	**0.00**	**9.51**	**148.55**	**0.37**	**0.0000**	**46.1867**	**1**	**4 E**	**M**
1994 EF_3	13.5	940309	54.16	336.50	129.97	6.51	0.2653	2.6886	6	7	W
1994 EL_3	13.5	940309	235.09	150.68	166.38	13.29	0.0858	2.4000	6	7	W
1994 EP_3	12.7	940329	39.53	112.19	22.17	13.67	0.1895	2.6818	20	8	N
1994 EQ_3	14.5	940309	358.32	92.40	90.65	3.23	0.2486	2.2085	4	4 E	N
1994 ER_3	13.2	940329	35.19	351.96	141.74	7.60	0.2520	2.5929	20	0	N
1994 ET_3	14.0	940309	169.35	208.10	161.93	23.98	0.1021	1.9397	10	7	W
1994 EV_3	**7.0**	**940309**	**0.00**	**179.60**	**18.81**	**4.80**	**0.0000**	**44.7922**	**2**	**8 E**	**M**
1994 EF_4	15.5	940217	357.47	166.54	1.88	5.60	0.1494	3.2250	7	8 E	W
1994 EH_4	15.5	940217	72.56	270.35	169.82	9.67	0.0778	2.8660	5	8	W
1994 EL_4	16.5	940309	51.43	279.73	177.75	2.65	0.1757	2.3888	13	9	W
1994 EM_4	16.0	940217	109.84	224.11	167.71	17.16	0.2234	2.7968	6	9	W
1994 EO_4	16.0	940309	231.47	134.32	170.94	5.17	0.1249	2.4757	13	9	W
1994 EU_4	17.0	940217	1.76	355.04	165.27	6.95	0.0373	2.3198	5	8	W
1994 EV_4	15.5	940217	0.75	359.00	164.26	7.67	0.1253	3.1360	5	8 E	W
1994 EW_4	17.5	940217	301.89	82.70	150.80	2.02	0.1209	2.2947	5	8	W
1994 EZ_4	15.0	940309	262.78	324.57	328.80	1.11	0.2871	3.0383	12	9 E	W
1994 EA_5	16.5	940309	358.27	0.21	168.60	8.84	0.1214	3.1193	5	8 E	W
1994 EC_5	14.5	940309	226.82	317.96	345.81	5.84	0.0444	2.4125	5	8	W
1994 EG_5	16.5	940309	39.54	152.23	323.74	7.36	0.1214	2.3377	11	0	W
1994 EH_5	15.5	940217	0.14	185.19	333.25	10.81	0.1303	2.2874	2	8 E	W
1994 ER_5	15.5	940217	333.29	155.29	36.05	3.77	0.1240	2.2485	23	8	W
1994 EY_5	14.5	940217	87.63	312.30	115.77	6.10	0.0374	2.7366	23	8	W
1994 EE_6	15.0	940217	39.37	322.02	141.40	8.10	0.1913	2.5320	23	8	W
1994 EM_6	13.5	940217	67.10	297.66	144.31	16.24	0.1067	2.7382	23	8	W
1994 EY_6	13.5	940217	343.47	44.57	138.03	13.16	0.1234	3.1436	23	8	W
1994 EL_7	14.0	940309	12.07	132.49	31.51	2.92	0.1868	2.3564	22	9	N
1994 EM_7	13.5	940217	177.06	176.20	149.74	2.68	0.1099	2.1720	2	0 E	W
1994 FA	**25.0**	**940309**	**7.04**	**153.20**	**355.80**	**12.95**	**0.4187**	**1.7378**	**4**	**0**	**W**
1994 FB	14.5	940309	82.31	247.00	193.15	2.35	0.0725	2.2487	16	0	W
1994 FD	17.0	940309	48.92	105.33	15.77	20.27	0.0703	1.9539	11	6	W
1994 FE	14.5	940309	331.27	59.89	156.05	17.51	0.1213	2.5367	11	7	W
1994 FF	13.4	940329	344.47	81.89	129.12	6.04	0.1365	2.2612	17	6	N
1994 FG	12.5	940309	224.52	152.22	137.85	3.51	0.0828	2.2653	3	0 E	W
1994 FQ	14.0	940309	355.31	355.46	157.51	16.24	0.1280	3.1330	14	0	W
1994 FR	13.5	940329	292.61	313.25	306.89	1.10	0.1617	3.0653	6	7 E	W
1994 GH	17.5	940329	285.22	131.99	161.29	5.16	0.2546	2.1631	3	9	M

1993 QF_3 = 1993 SN_4 (G. V. Williams)
1993 TT_{12} = 1993 TZ_{23} (K. Kinoshita)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Goffin
(94) Aurora Obs. 275 M 142.10862 ω 53.81395
H 7.57 G 0.15 Opp. 62 n 0.17482280 Ω 3.18889
rms res. 1″.00 (M-C) 1867–1993 e 0.0803867 i 8.00504

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Goffin
(189) Phthia Obs. 219 M 31.31833 ω 166.62428
H 9.33 G 0.15 Opp. 51 n 0.25692274 Ω 203.83872
rms res. 1″.01 (M-C) 1878–1993 e 0.0371717 i 5.17739

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Goffin
(217) Eudora Obs. 172 M 130.01795 ω 154.46192
H 9.8 G 0.15 Opp. 29 n 0.20277045 Ω 163.20329
rms res. 0″.95 (M-C) 1880–1994 e 0.3080809 i 10.47427

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Goffin
(228) Agathe Obs. 59 M 45.12878 ω 18.66904
H 12.48 G 0.15 Opp. 22 n 0.30171122 Ω 313.63508
rms res. 0″.99 (M-C) 1882–1992 e 0.2414832 i 2.53886

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(298) Baptistina Obs. 58 M 357.37225 ω 134.64350
H 11.0 G 0.15 Opp. 19 n 0.28941069 Ω 8.44792
rms res. 1″.10 (M-C) 1892–1994 e 0.0956419 i 6.29271

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Goffin
(341) California Obs. 45 M 58.30364 ω 293.39457
H 10.55 G 0.15 Opp. 23 n 0.30212632 Ω 29.30676
rms res. 0″.95 (M-C) 1892–1990 e 0.1937514 i 5.67286

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(345) Tercidina Obs. 100 M 169.33449 ω 230.27259
H 8.71 G 0.10 Opp. 37 n 0.27796705 Ω 212.91922
rms res. 1″.03 (M-C) 1892–1993 e 0.0618030 i 9.74040

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Goffin
(401) Ottilia Obs. 141 M 302.03832 ω 283.76174
H 9.1 G 0.15 Opp. 43 n 0.16134702 Ω 36.39175
rms res. 1″.01 (M-C) 1895–1993 e 0.0455944 i 5.97085

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Goffin
(605) Juvisia Obs. 57 M 334.46692 ω 16.79561
H 9.3 G 0.15 Opp. 22 n 0.18972166 Ω 343.08108
rms res. 1″.09 (M-C) 1906–1993 e 0.1392245 i 19.66470

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(616) Elly Obs. 38 M 75.70537 ω 109.31626
H 10.68 G 0.15 Opp. 13 n 0.24149684 Ω 356.49013
rms res. 0″.98 (M-C) 1906–1994 e 0.0573805 i 14.98306

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Goffin
(735) Marghanna Obs. 108 M 47.46382 ω 309.22236
H 9.55 G 0.15 Opp. 20 n 0.21886268 Ω 43.35652
rms res. 0″.92 (M-C) 1912–1993 e 0.3246589 i 16.82665

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Goffin
(815) Coppelia Obs. 55 M 13.38209 ω 56.54126
H 10.7 G 0.15 Opp. 19 n 0.22735672 Ω 57.46854
rms res. 1″.00 (M-C) 1916–1989 e 0.0733548 i 13.88920

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(891) Gunhild Obs. 36 M 77.28422 ω 291.77400
H 9.9 G 0.15 Opp. 12 n 0.20381144 Ω 106.18039
rms res. 0″.89 (M-V) 1918–1994 e 0.0289747 i 13.54429

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(945) Barcelona Obs. 39 M 28.63544 ω 161.32828
H 10.13 G 0.15 Opp. 14 n 0.22995149 Ω 318.50677
rms res. 0″.86 (M-C) 1930–1994 e 0.1608301 i 32.81398

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(1403) Idelsonia Obs. 27 M 286.12766 ω 192.15336
H 11.3 G 0.15 Opp. 9 n 0.21963079 Ω 157.31252
rms res. 0″.91 (M-C) 1936–1994 e 0.2911134 i 10.14848

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(1473) Ounas Obs. 41 M 176.68301 ω 129.16726
H 11.8 G 0.15 Opp. 10 n 0.23858814 Ω 216.90052
rms res. 0″.74 (M-C) 1938–1994 e 0.2361625 i 13.66797

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(1525) Savonlinna Obs. 32 M 121.41336 ω 63.50046
H 12.4 G 0.15 Opp. 10 n 0.22283728 Ω 279.79707
rms res. 0″.87 (M-C) 1930–1994 e 0.2645612 i 5.89311

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(1721) Wells Obs. 57 M 43.02126 ω 119.46772
H 10.8 G 0.15 Opp. 12 n 0.17635073 Ω 317.85109
rms res. 0″.85 (M-C) 1944–1994 e 0.0474610 i 16.06488

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(1755) Lorbach Obs. 37 M 109.02134 ω 334.18243
H 10.77 G 0.15 Opp. 13 n 0.18129295 Ω 157.43524
rms res. 1″.11 (M-C) 1936–1993 e 0.0474908 i 10.68459

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(1920) Sarmiento Obs. 29 M 118.50451 ω 316.49993
H 14.17 G 0.15 Opp. 6 n 0.36764885 Ω 64.17461
rms res. 0″.75 (M-C) 1971–1994 e 0.1059291 i 22.80141

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(2011) Veteraniya Obs. 28 M 143.79731 ω 3.30592
H 12.9 G 0.15 Opp. 8 n 0.26736108 Ω 338.90242
rms res. 0″.58 (M-C) 1954–1994 e 0.1500398 i 6.19713

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(2209) Tianjin Obs. 90 M 54.51230 ω 260.48241
H 10.9 G 0.15 Opp. 15 n 0.20531509 Ω 151.22091
rms res. 0″.81 (M-C) 1942–1992 e 0.0667679 i 2.60422

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(2301) Whitford Obs. 24 M 11.00945 ω 2.95424
H 10.8 G 0.15 Opp. 7 n 0.17580530 Ω 80.08884
rms res. 0″.82 (M-C) 1955–1994 e 0.2291715 i 11.83484

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(2327) Gershberg Obs. 36 M 245.12670 ω 211.17096
H 13.9 G 0.15 Opp. 6 n 0.27045139 Ω 175.15572
rms res. 1″.10 (M-C) 1969–1993 e 0.1294123 i 4.02901

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(2330) Ontake Obs. 89 M 226.64519 ω 146.19715
H 11.3 G 0.15 Opp. 10 n 0.17401828 Ω 141.04265
rms res. 0″.95 (M-C) 1977–1994 e 0.0451235 i 8.64941

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(2552) Remek Obs. 36 M 347.09833 ω 343.38925
H 14.6 G 0.15 Opp. 5 n 0.31336459 Ω 343.78581
rms res. 1″.03 (M-C) 1950–1993 e 0.1879068 i 0.90460

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(2625) Jack London Obs. 37 M 110.48731 ω 170.33334
H 13.1 G 0.15 Opp. 8 n 0.30285596 Ω 128.91822
rms res. 0″.93 (M-C) 1954–1993 e 0.1409380 i 4.45499

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(2783) Chernyshevskij Obs. 15 M 255.70729 ω 170.31473
H 13.2 G 0.15 Opp. 6 n 0.24049380 Ω 198.36357
rms res. 0″.87 (M-C) 1970–1993 e 0.1651797 i 0.77328

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(2813) Zappalà Obs. 45 M 22.39967 ω 244.10821
H 11.0 G 0.15 Opp. 7 n 0.17669410 Ω 232.44924
rms res. 0″.73 (M-C) 1949–1994 e 0.1384881 i 14.78602

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(2912) Lapalma Obs. 22 M 331.40469 ω 75.57852
H 12.7 G 0.15 Opp. 7 n 0.28460417 Ω 108.38122
rms res. 0″.88 (M-C) 1942–1994 e 0.0708912 i 7.27734

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(2938) Hopi Obs. 27 M 120.63855 ω 263.27575
H 11.5 G 0.15 Opp. 5 n 0.17707427 Ω 109.35541
rms res. 0″.99 (M-C) 1980–1994 e 0.3358559 i 41.44748

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3031) Houston Obs. 33 M 316.33293 ω 248.79051
H 13.0 G 0.15 Opp. 9 n 0.29481115 Ω 318.10318
rms res. 0″.89 (M-C) 1954–1994 e 0.0980775 i 4.34460

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3112) Velimir Obs. 21 M 185.16793 ω 246.25536
H 12.9 G 0.15 Opp. 8 n 0.26881728 Ω 69.37510
rms res. 0″.74 (M-C) 1951–1994 e 0.1974110 i 3.95484

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3130) Hillary Obs. 20 M 114.57425 ω 244.54399
H 12.8 G 0.15 Opp. 7 n 0.25468284 Ω 109.94243
rms res. 0″.82 (M-C) 1956–1994 e 0.2006645 i 4.20990

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3136) Anshan Obs. 20 M 22.49877 ω 29.46456
H 11.8 G 0.15 Opp. 9 n 0.17479474 Ω 81.32154
rms res. 0″.90 (M-C) 1938–1994 e 0.1254466 i 4.55482

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3197) Weissman Obs. 25 M 37.99226 ω 312.46576
H 11.7 G 0.15 Opp. 5 n 0.22661674 Ω 111.99294
rms res. 0″.76 (M-C) 1955–1994 e 0.1824876 i 16.41377

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3325) TARDIS Obs. 23 M 50.62647 ω 28.98800
H 11.4 G 0.15 Opp. 6 n 0.17370842 Ω 46.66356
rms res. 0″.69 (M-C) 1958–1994 e 0.0106708 i 22.29388

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(3352) McAuliffe Obs. 20 M 22.26454 ω 15.68678
H 15.6 G 0.15 Opp. 5 n 0.38273071 Ω 107.51407
rms res. 0″.65 (M-C) 1981–1994 e 0.3691248 i 4.77426

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3390) Demanet Obs. 40 M 284.69766 ω 259.17261
H 13.4 G 0.15 Opp. 6 n 0.29153870 Ω 343.17126
rms res. 0″.53 (M-C) 1977–1994 e 0.1152800 i 3.39507

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3584) 1981 TW Obs. 73 M 65.46204 ω 100.14474
H 12.0 G 0.15 Opp. 8 n 0.18213012 Ω 306.06086
rms res. 0″.70 (M-C) 1954–1994 e 0.1056112 i 2.13097

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3589) Loyola Obs. 19 M 67.29103 ω 285.98654
H 13.7 G 0.15 Opp. 7 n 0.29305092 Ω 111.52989
rms res. 0″.88 (M-C) 1969–1994 e 0.1644427 i 4.46253

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3605) Davy Obs. 19 M 354.23801 ω 199.12679
H 13. G 0.15 Opp. 7 n 0.29178380 Ω 282.90782
rms res. 0″.84 (M-C) 1932–1994 e 0.0796432 i 3.91699

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(3729) 1983 VP$_7$ Obs. 43 M 212.83403 ω 311.53372
H 11.9 G 0.15 Opp. 5 n 0.23177763 Ω 5.24054
rms res. 0″.94 (M-C) 1953–1994 e 0.1911586 i 13.44105

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3803) 1981 TP$_1$ Obs. 26 M 344.13959 ω 284.91068
H 11.2 G 0.15 Opp. 9 n 0.18511419 Ω 250.75389
rms res. 0″.57 (M-C) 1952–1994 e 0.0475269 i 13.04327

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3820) 1984 DV Obs. 47 M 66.26568 ω 72.61650
H 12.1 G 0.15 Opp. 6 n 0.18930359 Ω 321.07095
rms res. 0″.54 (M-C) 1930–1994 e 0.1130092 i 9.58958

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3898) 1981 SF$_9$ Obs. 29 M 58.59338 ω 211.23178
H 12.4 G 0.15 Opp. 7 n 0.18030476 Ω 184.69828
rms res. 1″.00 (M-C) 1954–1994 e 0.1706130 i 0.63954

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(3915) Fukushima Obs. 39 M 173.15787 ω 143.06730
H 12.2 G 0.15 Opp. 9 n 0.25890169 Ω 173.82235
rms res. 0″.87 (M-C) 1950–1994 e 0.0405216 i 14.45100

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(4220) Flood Obs. 35 M 142.05098 ω 231.95839
H 13.0 G 0.15 Opp. 6 n 0.21006395 Ω 221.65682
rms res. 0″.99 (M-C) 1981–1993 e 0.1950617 i 6.99873

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4438) Sykes Obs. 16 M 340.77175 ω 292.92537
H 11.4 G 0.15 Opp. 5 n 0.17380167 Ω 57.19237
rms res. 0″.76 (M-C) 1954–1990 e 0.2420568 i 13.30016

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell
(4452) 1988 RN Obs. 22 M 13.83806 ω 135.52779
H 11.9 G 0.15 Opp. 4 n 0.23293737 Ω 323.13415
rms res. 0″.76 (M-C) 1988–1994 e 0.1313081 i 14.15752

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(4657) 1979 SU$_9$ Obs. 26 M 205.95188 ω 38.22875
H 12.0 G 0.15 Opp. 8 n 0.17921035 Ω 359.29170
rms res. 0″.83 (M-C) 1971–1993 e 0.1690300 i 0.28979

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams
(4792) Lykaon Obs. 32 M 176.80958 ω 282.57297
H 9.9 G 0.15 Opp. 4 n 0.08149302 Ω 61.98613
rms res. 0″.77 (M-C) 1988–1994 e 0.0896743 i 9.33881

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell

(4954) Eric			Obs. 164	M	49.86789	ω	51.89992
H 12.5	G 0.15		Opp. 7	n	0.34819893	Ω	358.87155
rms res. 0″.81	(M-C)		1975–1994	e	0.4485731	i	17.49957

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

(5101) 1985 UB$_5$			Obs. 27	M	232.70953	ω	175.75409
H 12.1	G 0.15		Opp. 5	n	0.18882899	Ω	206.25699
rms res. 0″.63	(M-C)		1969–1993	e	0.1098118	i	10.68757

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell

(5349) 1988 RA			Obs. 32	M	30.85021	ω	79.94992
H 12.7	G 0.15		Opp. 5	n	0.21203920	Ω	2.51050
rms res. 0″.88	(M-C)		1974–1994	e	0.4672397	i	28.55774

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bowell

(5638) 1988 TA$_3$			Obs. 35	M	265.06229	ω	90.25301
H 9.8	G 0.15		Opp. 6	n	0.08095828	Ω	156.05581
rms res. 0″.76	(M-C)		1988–1994	e	0.1071891	i	10.87880

(5886)∗ 1975 LR = 1950 TQ$_3$ = 1979 DB$_1$ = 1980 KP$_1$ = 1982 YF$_4$ = 1985 JP$_2$ = 1991 NB$_2$

Discovered 1975 June 13 at the Felix Aguilar Observatory, El Leoncito.

Id. H. Kaneda (*MPC* 19010)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	138.04223		(2000.0)		**P**		**Q**
n	0.18883791	ω	272.71665		+0.96991846		+0.14505064
a	3.0089150	Ω	78.99711		−0.04959149		+0.90398291
e	0.1062761	i	11.48764		−0.23832513		+0.40221288
P	5.22	H	11.6	G	0.15		

Residuals in seconds of arc

501013	760	2.2−	1.6+	821223	095	1.6+	0.2+	921228	801	0.5+	0.9−
750613	808	1.2+	1.0−	850514	675	0.3−	0.3−	921228	801	0.6+	0.7−
750613	808	1.1+	0.9+	910713	675	0.6−	0.5−	940210	675	0.3+	0.8−
750615	808	0.6+	0.6+	910713	675	0.5−	1.4−	940210	675	0.3−	0.8−
750615	808	0.4+	0.0	910716	675	0.5−	1.5−	940215	675	0.3+	0.9−
750617	808	0.7+	0.2+	910716	675	0.8+	0.9−	940215	675	0.2−	0.9−
750617	808	0.2−	0.1+	910927	413	1.0−	0.2−	940312	801	0.6−	0.3+
790225	033	0.7−	0.4+	910930	413	0.9−	0.4−	940312	801	0.3−	0.1+
790225	033	0.8−	1.2+	921223	801	0.7+	0.5−				
800517	095	0.1+	0.8−	921223	801	0.7+	0.5−				

(5887)∗ 1976 SG$_2$ = 1979 OP$_{16}$ = 1982 OF$_1$ = 1986 VW$_5$

Discovered 1976 Sept. 24 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Id. C. M. Bardwell (*MPC* 11434), L. D. Schmadel (*ibid.*), E. Bowell (*MPC* 22482), G. V. Williams (*ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Bardwell

M	62.20574		(2000.0)		**P**		**Q**
n	0.30027527	ω	234.17393		+0.49473419		−0.86897875
a	2.2086302	Ω	186.20211		+0.82581080		+0.47391350
e	0.1262843	i	5.67193		+0.27069280		+0.14241463
P	3.28	H	13.6	G	0.15		

Residuals in seconds of arc

550421	675	0.0	1.2+	861204	688	0.8+	0.2+	910317	809	0.1−	0.0
550421	675	0.4+	1.8+	861204	688	0.5−	0.2−	910317	809	0.4+	0.4+
760924	095	(3.1− | 0.2+)	910310	809	0.7+	0.7+	920726	801	0.2+	0.0
760925	095	0.1−	1.7+	910310	809	0.9+	0.7+	920726	801	0.1+	0.2−
760928	095	2.0+	0.2+	910310	809	1.5+	0.7+	920729	801	0.3+	0.4+
760929	095	(3.9− | 2.0−)	910312	809	0.1−	0.6+	920729	801	0.2−	1.1+
761025	095	(0.4+ | 3.0−)	910312	809	0.1+	0.1+	940119	894	0.6−	1.5−
790731	095	0.3+	1.2+	910312	809	0.1+	0.1+	940119	894	0.3+	0.6+
820716	413	1.4−	1.0−	910314	809	0.7−	0.4−	940121	894	0.0	0.6+
820716	413	(3.2− | 0.2+)	910314	809	0.4−	0.3−	940121	894	1.8+	0.2−
861004	095	1.2−	1.0+	910314	809	0.1−	0.3−	940312	801	0.2−	0.0
861106	688	0.2−	0.1+	910315	809	0.7−	0.4−	940312	801	0.4−	0.6+
861106	688	0.4+	0.0	910315	809	0.7−	0.4−	940321	801	1.1+	0.5+
861127	033	1.2−	0.2+	910315	809	0.6−	0.3−	940321	801	0.3+	0.1+
861128	033	1.8−	0.4−	910317	809	0.7−	0.4−				

(5888)∗ 1978 VU$_7$ = 1976 JH$_4$ = 1992 UD$_1$

Discovered 1978 Nov. 7 by E. F. Helin and S. J. Bus at Palomar.

Id. G. V. Williams (*MPC* 21099)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	103.94591		(2000.0)		**P**		**Q**
n	0.20646570	ω	53.24334		+0.89059789		−0.45468815
a	2.8351156	Ω	333.79743		+0.40995012		+0.81183827
e	0.0956806	i	1.25867		+0.19691697		+0.36630220
P	4.77	H	12.6	G	0.15		

Residuals in seconds of arc

510210	760	1.2+	2.6−	921019	400	1.4+	0.4+	940111	675	1.3+	1.5−
760503	809	1.0−	0.6+	921022	400	1.0−	0.6−	940113	675	(3.1+ | 0.8+)
781105	675	0.7−	0.1+	921022	400	1.3−	1.0+	940113	675	0.2+	0.2−
781106	675	0.6−	0.1−	921102	400	1.2+	0.1+	940207	801	0.3−	1.6+
781107	675	1.2−	0.2−	921102	400	0.7+	0.8−	940207	801	0.4−	1.3+
781108	675	1.3−	0.1+	921220	801	0.2+	0.4+	940313	801	0.1−	0.3+
781129	675	0.5+	0.5+	921223	801	0.0	0.2−	940313	801	0.4+	0.4+
781130	675	0.6−	0.0	921223	801	0.0	0.3−	940321	801	0.8−	1.0+
921019	400	1.2+	0.8+	940111	675	0.3+	1.0−	940321	801	0.4+	0.2−

(5889)∗ 1979 FA$_3$ = 1990 HJ$_1$

Discovered 1979 Mar. 31 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Id. B. G. Marsden (*MPC* 16576)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden

M	257.35547		(2000.0)		**P**		**Q**
n	0.18543599	ω	42.21205		−0.71442745		+0.69958376
a	3.0456035	Ω	182.31480		−0.69698747		−0.71319093
e	0.1579083	i	19.17441		−0.06165941		−0.04405975
P	5.32	H	11.6	G	0.15		

Residuals in seconds of arc

790331	095	(0.1+ | 2.3+)	900523	675	0.7−	0.8−	910811	801	0.3+	0.3−
790420	095	1.1−	0.9+	900523	675	0.9−	0.3−	931113	801	0.9−	1.5−
790425	095	1.1+	1.0−	910715	801	0.2−	0.3−	931113	801	0.6+	0.9−
900426	675	0.4+	0.0	910715	801	0.2−	0.2+	940207	801	0.1+	0.2−
900426	675	0.2−	0.3−	910716	801	0.1−	0.3−	940207	801	0.6+	1.1+

900427	675	0.6+	0.1−	910716	801	0.3−	0.2−	940214	801	1.4−	0.9−
900427	675	0.4−	0.7+	910807	801	0.3+	0.0	940214	801	0.9+	0.1−
900521	675	1.0+	0.7−	910807	801	0.2+	0.0				
900521	675	(0.1−	3.0−)	910811	801	0.2+	0.4−				

(5890)∗ 1979 KG = 1986 CJ$_2$ = 1986 EW$_2$ = 1988 OC

Discovered 1979 May 19 by R. M. West at the European Southern Observatory.

Id. S. Nakano (*MPC* 13447), S. Singer-Brewster (d, *ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	51.17716		(2000.0)	**P**	**Q**
n	0.22489723	ω	239.58636	+0.97678923	−0.08484877
a	2.6780169	Ω	124.58734	+0.13572264	+0.95552244
e	0.1856325	i	13.82191	−0.16571712	+0.28244920
P	4.38	H	12.2	G 0.15	

Residuals in seconds of arc (or two decimals in units of degrees)

790519	809	0.7−	0.1+	880717	675	0.2+	1.0+	920630	675	0.8−	1.8−
790520	809	1.0−	0.0	920506	801	0.1−	0.3+	931217	801	0.3−	0.1−
790524	809	1.6+	0.0	920506	801	0.3−	0.6+	931217	801	0.9−	0.3−
860207	675	(9.9+	0.1−)	920529	801	0.1+	0.7+	931218	801	0.1−	0.2+
860207	675	(11.5+	0.3−)	920529	801	0.2+	0.3+	931218	801	0.1+	0.3+
860306	675	(0.03+	0.00−)	920603	801	0.5−	0.9+	940210	801	0.5+	0.2+
860306	675	(0.03+	0.00+)	920603	801	0.7−	1.0+	940211	801	0.4+	0.6+
860308	675	(92.7+	0.3+)	920628	675	0.0	0.4−	940214	801	0.1+	0.5−
860308	675	(95.4+	0.1−)	920628	675	0.3+	0.8−	940312	801	0.4+	0.4−
880710	675	(1.6−	4.1−)	920629	675	1.2+	0.5−	940313	801	1.0+	1.6−
880712	675	0.0	0.7−	920629	675	0.9+	1.3−				
880716	675	(5.2+	3.7+)	920630	675	0.7−	0.5−				

(5891)∗ 1981 SM = 1976 JT$_4$ = 1990 BH$_3$

Discovered 1981 Sept. 22 by A. Mrkos at Kleť.

Id. G. V. Williams (*MPC* 17013)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	61.89197		(2000.0)	**P**	**Q**
n	0.25949298	ω	109.29025	+0.63839858	−0.76808778
a	2.4343647	Ω	300.93517	+0.68255864	+0.59488238
e	0.1320387	i	3.33402	+0.35575406	+0.23697281
P	3.80	H	13.3	G 0.15	

Residuals in seconds of arc

540729	675	0.2+	0.5+	900125	071	0.2−	1.8+	940119	046	0.3+	0.1−
540729	675	0.3−	0.6−	920727	809	0.5−	0.5+	940119	046	0.2+	0.0
760503	809	0.4−	0.5−	920727	809	0.2+	0.4+	940119	046	0.3+	0.1−
810922	046	0.9−	2.2+	920727	809	0.4+	0.4+	940119	046	0.2+	0.2−
810922	046	0.1+	2.7+	920728	809	0.8−	1.3+	940119	046	0.3+	0.2−
810925	046	0.2+	1.8+	920728	809	0.5−	1.3+	940119	046	0.4+	0.1−
810925	046	(4.7+	4.0+)	920728	809	0.4−	1.2+	940121	046	0.5+	0.1−
811006	046	0.0	1.4−	920729	801	0.5−	0.2+	940121	046	0.5+	0.1+
811006	046	0.4+	2.1−	920729	801	0.4+	0.3−	940121	046	0.3+	0.0
811007	046	1.9+	0.9−	920802	801	0.3−	0.1+	940121	046	0.5+	0.1−
811007	046	(3.4+	8.9+)	920802	801	0.4−	0.1+	940207	801	0.2−	0.4+
811025	046	2.0+	2.5−	940112	691	(2.9−	0.2−)	940207	801	0.2−	0.6+
811025	046	1.0−	2.3−	940112	691	1.5−	0.4+	940312	801	0.9+	0.5−
900124	071	1.4−	1.3+	940112	691	1.5−	0.4+	940312	801	0.1+	0.0
900124	071	0.9−	1.1+	940119	046	0.2+	0.1−	940321	801	0.6+	0.4−
900125	071	0.7−	1.6+	940119	046	0.3+	0.2−	940321	801	0.5+	0.4−

(5892)∗ 1981 YS$_1$ = 1971 BS$_1$ = 1988 QG$_1$ = 1988 UZ

Discovered 1981 Dec. 23 at the Purple Mountain Observatory.

Id. T. Kobayashi (*MPC* 15553), B. G. Marsden (d, *MPC* 15384)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden

M	112.92976		(2000.0)	**P**	**Q**
n	0.26733404	ω	290.95576	+0.08693826	−0.99559705
a	2.3865280	Ω	153.98143	+0.94111919	+0.07054235
e	0.3007736	i	4.58246	+0.32670540	+0.06172754
P	3.69	H	13.6	G 0.15	

Residuals in seconds of arc

710127	095	(2.5+	8.7−)	881007	675	1.0−	0.6+	921121	366	1.3+	0.3+
811220	330	0.1−	0.0	881007	675	0.3−	1.0+	921123	367	0.6−	0.7−
811223	330	0.8+	0.9+	881009	675	0.0	0.8+	921123	367	0.7−	0.2−
820116	330	(28.0+	18.7−)	881009	675	0.2+	0.6+	921123	595	0.2+	1.0−
820119	095	(3.2+	0.2−)	881016	071	(4.4−	0.6+)	921123	595	0.6+	0.6+
820120	330	0.8−	1.0+	881016	071	(4.9−	1.9+)	921127	595	1.2+	0.6−
880818	511	0.2−	0.2−	920925	801	0.2−	0.3+	921127	595	1.1−	0.2+
880818	511	1.4−	0.9−	920925	801	0.2−	0.2+	921128	367	0.1−	0.3+
880911	675	1.4−	0.4+	920930	801	0.6−	0.2−	921128	367	0.2−	0.2+
880911	675	(3.0−	0.7−)	920930	801	0.2−	0.4−	921201	596	0.4−	0.2−
880914	807	0.8+	0.0	921022	801	0.0	0.2−	921201	596	0.5−	0.1−
880914	675	0.5+	0.3−	921022	801	0.1−	0.2−	921217	595	0.5−	0.2+
880914	675	0.6+	0.7−	921024	801	0.1−	0.2−	921217	595	0.3+	0.9−
880915	807	1.3+	0.2−	921024	801	0.5−	0.3−	921218	595	(4.0−	0.9+)
880916	807	1.4+	0.2−	921027	366	(2.6+	1.1+)	921218	595	0.1+	0.1+
880916	675	0.9−	0.4+	921027	366	1.8+	0.5+	921223	595	0.5+	0.0
880916	675	0.2−	0.1−	921121	366	(0.2−	2.1−)	921223	595	(12.0+	4.3−)

(5893)∗ 1982 EF = 1982 FH$_2$ = 1987 MD$_1$ = 1990 BK$_1$

Discovered 1982 Mar. 15 by Z. Vávrová at Kleť.

Id. B. G. Marsden (d, *MPC* 6939), H. Kaneda (*MPC* 17629)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	280.22302		(2000.0)	**P**	**Q**
n	0.23425932	ω	25.80444	−0.94951027	+0.31198406
a	2.6061823	Ω	172.15327	−0.31305465	−0.93520681
e	0.0877591	i	14.03494	−0.02066483	−0.16749382
P	4.21	H	12.9	G 0.15	

Residuals in seconds of arc

820315	046	1.9+	0.7+	900125	675	1.9−	1.8+	940119	046	0.4+	0.4−
820315	046	0.0	1.2−	910313	801	0.6+	0.5−	940119	046	0.8+	0.5−
820323	046	1.9+	1.2−	910313	801	0.2+	0.3−	940119	046	0.4+	0.4−
820323	046	(3.5−	4.1+)	910412	801	0.2−	0.2−	940119	046	0.5+	0.0
820324	046	0.8+	1.4+	910412	801	0.1−	0.4−	940121	046	0.2+	0.3−
820324	046	1.8−	1.5−	910419	801	0.3−	0.3−	940121	046	0.1+	0.6−
820325	046	(2.2+	5.0−)	910419	801	0.3−	0.5−	940121	046	0.2+	0.2−
820325	046	2.2−	0.9−	920926	033	0.5+	1.3−	940121	046	0.1+	0.5−
870628	675	(3.9−	0.6+)	920926	033	0.2+	0.9−	940309	046	0.1−	0.6+
870630	675	(16.7−	13.0−)	920927	033	0.3+	0.5−	940309	046	0.1+	0.6+
900121	675	0.9−	0.7−	920928	033	0.6−	0.6−	940309	046	0.3−	0.6+

900121	675	0.8−	0.2−	940119	046	0.4+	0.8−	940309	046	0.4−	0.7+
900125	675	(2.7− | 0.2−)	940119	046	0.6+	0.4−	940309	046	0.1−	0.6+

(5894)∗ 1982 RM_1 = 1974 DK_2 = 1976 YJ_6 = 1979 WT_5 = 1986 YU

Discovered 1982 Sept. 14 by A. Mrkos at Kleť.

Id. S. Nakano (*MPC* 13448)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	307.37572		(2000.0)	**P**	**Q**
n	0.30432710	ω	278.12692	−0.61383423	+0.78674431
a	2.1889825	Ω	313.79401	−0.68411593	−0.57129471
e	0.0945444	*i*	5.17616	−0.39394535	−0.23378568
P	3.24	*H*	13.2	*G* 0.15	

Residuals in seconds of arc

740216	033	0.5−	0.6+	861230	675	(14.6+ | 0.0)	921129	801	0.4−	0.3−
761220	095	(4.3+	6.5−)	870101	675	(28.6−	1.5+)	940207	801	0.2+	0.2+
791117	095	1.1+	0.1+	870101	675	(28.3− | 1.0+)	940207	801	0.5+	0.1+
820914	046	2.5−	2.2−	920930	675	0.5−	0.9+	940218	596	(3.5+ | 0.8+)
820914	046	0.3+	0.2+	920930	675	0.4−	0.7+	940218	596	0.6−	0.3−
820915	046	0.1−	0.4−	921022	801	0.3+	0.1+	940219	596	(1.3− | 3.5−)
820915	046	1.7−	0.1−	921022	801	0.3+	0.2−	940312	801	0.0	0.5+
820916	046	1.4+	1.3+	921028	801	0.1+	0.1+	940312	801	0.2+	0.5+
820916	046	0.7+	0.1+	921028	801	0.4+	0.3+	940321	801	0.3+	0.2+
820928	675	0.2−	0.9+	921121	801	0.2−	0.7−	940321	801	0.3+	0.0
820929	675	0.7+	1.7+	921121	801	0.1−	0.7−				
861230	675	(15.0+ | 0.5−)	921129	801	0.3+	0.5−				

(5895)∗ 1982 UF_2 = 1989 UG_6

Discovered 1982 Oct. 16 by Z. Vávrová at Kleť.

Id. S. Nakano (*MPC* 15707)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	111.15758		(2000.0)	**P**	**Q**
n	0.28472157	ω	155.96551	+0.92975024	−0.36193957
a	2.2883501	Ω	225.43418	+0.32058197	+0.88602894
e	0.1342204	*i*	5.44138	+0.18108478	+0.28974551
P	3.46	*H*	14.0	*G* 0.15	

Residuals in seconds of arc

821014	095	(1.3− | 3.3+)	891026	033	0.1−	0.3+	940215	046	0.9−	0.0
821016	046	0.8+	1.2−	891026	033	0.5+	0.1+	940215	046	0.8−	0.1−
821017	046	2.2+	0.5+	891028	033	0.2−	0.2+	940216	046	0.3+	0.1−
821020	095	1.0−	0.4+	920802	675	0.2−	0.7−	940216	046	0.1+	0.2−
821021	046	(0.9+ | 4.0−)	920802	675	0.1−	0.5−	940216	046	0.0	0.1+
821021	046	(0.5+ | 3.1−)	920806	675	0.3−	0.8−	940216	046	0.5+	0.1−
821022	046	(4.5+ | 1.9−)	920806	675	0.4+	0.1−	940216	046	0.3+	0.1−
821022	046	(4.4+ | 1.3−)	920823	675	0.9+	0.1+	940310	046	0.1−	0.8−
821025	095	0.4−	2.1+	920823	675	0.1−	0.2−	940310	046	0.3+	0.2−
821109	095	0.6−	0.5−	940215	046	0.0	0.4−	940310	046	0.0	0.4−
821114	095	0.8−	2.1−	940215	046	0.7−	0.1−	940310	046	0.1+	0.2−

(5896)∗ 1982 VV_{10} = 1982 UJ_{12} = 1982 XF_4 = 1973 AR_1 = 1980 BT_4 = 1985 QZ_4 = 1991 JK

Discovered 1982 Nov. 12 by L. G. Karachkina at the Crimean Astrophysical Observatory.

Id. T. Furuta (d, *JAM* 1970), L. G. Karachkina (d, *MPC* 18283), H. Oishi (*MPC* 18283), G. V. Williams (*ibid.*), H. Kaneda (*ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	73.25113		(2000.0)	**P**	**Q**
n	0.28538525	ω	333.07276	+0.20719013	−0.97690764
a	2.2848009	Ω	104.93209	+0.90702249	+0.17183114
e	0.0116717	*i*	3.09623	+0.36658211	+0.12698630
P	3.45	*H*	13.8	*G* 0.15	

Residuals in seconds of arc

540904	675	0.5−	0.0	821213	381	1.2−	1.1+	910505	894	0.9−	0.2+
540904	675	0.7+	0.3−	821214	381	0.0	0.6+	910505	894	0.1−	0.8−
730101	095	(2.4+ | 5.2−)	821214	381	0.6−	0.1−	940207	801	0.5+	0.1+
800122	095	0.7−	2.7−	850818	095	(1.7− | 6.1−)	940207	801	0.6+	0.5+
821023	095	1.0−	0.5+	910503	894	0.5+	0.9−	940312	801	0.4−	0.6+
821112	095	2.2+	1.0−	910503	894	0.4+	1.2+	940312	801	0.1+	0.8+

(5897)∗ 1984 SZ_1 = 1988 RG_2 = 1990 DD_6

Discovered 1984 Sept. 29 by A. Mrkos at Kleť.

Id. H. Kaneda (*MPC* 16870, *MPC* 20923)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	83.77136		(2000.0)	**P**	**Q**
n	0.23830286	ω	88.29444	+0.78396563	−0.61935275
a	2.5766171	Ω	309.97189	+0.54529739	+0.71966992
e	0.1825049	*i*	3.17364	+0.29672994	+0.31381105
P	4.14	*H*	13.3	*G* 0.15	

Residuals in seconds of arc

840929	046	0.5+	0.2−	920901	801	0.8+	0.1+	940216	046	0.1−	1.2−
840930	046	(4.0+ | 2.6+)	920901	801	0.8+	0.1−	940217	104	0.3−	0.3−
840930	046	0.3−	0.5+	940209	104	0.6+	0.3−	940217	104	0.3−	0.1+
841001	046	0.3+	1.6+	940209	046	0.5+	0.2+	940217	104	0.3−	0.4−
841006	046	1.6−	1.8+	940209	104	0.3−	0.5−	940217	104	0.3+	0.2+
841006	046	(3.1− | 2.2+)	940209	046	0.1+	0.1+	940217	560	1.0−	0.4−
880909	046	(5.0+ | 1.0+)	940209	046	0.4+	0.0	940217	560	0.7+	0.3+
880909	046	1.9+	1.6−	940209	046	0.4+	0.2+	940217	560	0.7−	1.0+
880909	046	0.3−	2.0−	940209	104	0.5+	0.2−	940219	104	0.0	0.2+
880910	046	0.4−	1.3−	940209	046	0.5+	0.1+	940219	104	0.1+	0.7−
880910	046	0.1+	2.2−	940209	104	0.7+	0.6−	940219	104	0.6−	0.2−
880913	675	0.2+	0.1+	940210	104	1.1−	0.2+	940219	104	0.5−	0.1+
880913	675	0.3+	0.2+	940210	104	0.2−	0.6+	940219	104	0.2+	0.6−
880914	675	0.0	0.7+	940210	104	0.2+	0.2+	940219	104	0.4−	0.2+
880914	675	0.1+	0.5+	940210	104	0.3−	0.4+	940310	046	0.3+	1.1+
900224	033	0.7−	1.5−	940216	046	0.4−	0.6−	940310	046	0.6+	1.1+
920803	801	0.4−	0.4+	940216	046	0.1+	1.4−	940310	046	0.5+	0.7+
920803	801	0.2−	0.1+	940216	046	0.2−	1.3−	940310	046	0.1+	0.8+
920824	801	0.6−	0.3+	940216	046	0.4−	0.7−	940310	046	0.1−	1.2+
920824	801	0.5−	0.2+	940216	046	0.4−	0.8−	940310	046	0.5+	1.0+

(5898)∗ 1985 KE = 1977 XT = 1992 WV_5

Discovered 1985 May 23 by A. C. Gilmore and P. M. Kilmartin at Mount John Observatory.

Id. G. V. Williams (*MPC* 21566)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	118.30328	(2000.0)	**P**	**Q**	
n	0.19718763	ω	162.24608	+0.85332548	−0.51982269
a	2.9233643	Ω	229.14276	+0.47166904	+0.80256047
e	0.1332805	i	3.05046	+0.22217996	+0.29271326
P	5.00	H	13.0	G 0.15	

Residuals in seconds of arc

771207 675	0.2−	0.7+	850525 474	0.1+	0.0	940214 474	0.8+	0.7+		
771208 675	0.6+	0.7+	921124 691	0.6−	0.6−	940215 474	0.0	0.2−		
821115 688	1.5−	0.8+	921124 691	0.9−	0.5+	940215 474	0.0	0.3+		
821115 688	0.7+	0.3+	921124 691	0.7−	0.6+	940310 474	0.8−	0.2−		
850523 474	0.1+	0.1+	921129 894	0.8+	1.0−	940310 474	0.6−	0.2−		
850523 474	0.4+	0.8−	921129 894	0.1+	1.0−	940314 474	0.3−	0.5−		
850524 474	1.1−	0.3+	921204 894	0.8+	0.6−	940314 474	0.8+	0.5+		
850524 474	0.0	0.7+	921204 894	0.7+	0.8+					
850525 474	0.8+	0.9+	940214 474	0.1−	0.8−					

(5899)∗ 1986 AH = 1986 AR$_1$ = 1978 EW$_3$

Discovered 1986 Jan. 9 by C. S. Shoemaker at Palomar.

Id. F. N. Bowman (d, *MPC* 10610), L. D. Schmadel (*MPC* 13170)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	89.89422	(2000.0)	**P**	**Q**	
n	0.36803383	ω	263.46504	+0.80504811	−0.49209037
a	1.9284611	Ω	125.48679	+0.55913905	+0.81599644
e	0.1169382	i	24.00710	−0.19814406	+0.30330988
P	2.68	H	14.0	G 0.15	

Residuals in seconds of arc

780306 095	0.9−	1.8+	860207 675	0.7+	0.4+	940120 657	(0.1−	2.5+)		
860109 675	1.0+	0.5−	870622 675	0.1+	0.0	940120 657	0.2+	0.1+		
860111 688	0.5+	0.6−	870623 675	0.0	1.1+	940120 657	1.6−	0.2−		
860111 688	1.2−	0.7+	920628 675	0.6+	1.4+	940212 675	0.5+	1.0−		
860116 675	0.9−	0.3−	920628 675	0.8−	1.7−	940212 675	1.0+	0.8−		
860117 688	0.5−	1.4−	920629 675	0.2+	0.5−	940304 033	0.3−	0.6−		
860117 688	0.9+	2.3+	920629 675	0.0	0.4−	940304 033	0.3−	0.3−		
860204 675	0.3+	0.8+	931111 801	0.4+	0.0					
860205 675	(1.4−	2.7+)	931111 801	0.5+	0.1+					

(5900)∗ 1986 TL = 1930 UT = 1969 PD

Discovered 1986 Oct. 3 by P. Jensen at Brorfelde.

Id. T. Kobayashi (*MPC* 15886, *MPC* 20144), E. Bowell (*MPC* 20144)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	140.81578	(2000.0)	**P**	**Q**	
n	0.17736522	ω	35.86607	+0.92312603	+0.36071900
a	3.1373074	Ω	302.46256	−0.37919252	+0.79677603
e	0.2224039	i	9.07747	−0.06365031	+0.48479868
P	5.56	H	11.6	G 0.15	

Residuals in seconds of arc

301015 690	0.7+	1.1−	861008 054	0.3+	0.4+	921022 801	0.0	1.0+		
301017 690	1.4+	1.0−	861031 054	0.4−	0.1+	921024 801	0.2+	0.9+		
301019 690	(7.9+	14.3+)	910710 809	0.9+	0.9+	921024 801	0.2+	0.8+		
690811 095	0.9+	0.4−	910710 809	0.5+	0.9+	940213 691	0.5−	0.7−		
690813 095	(1.4+	9.8+)	910710 809	0.1+	0.4+	940213 691	0.5−	0.6−		
690821 095	1.9−	1.8−	920925 801	0.2+	0.5−	940213 691	0.5−	0.6−		
861003 054	0.3−	1.0+	920925 801	0.1−	0.5−	940312 801	0.4+	0.2+		
861004 054	1.1−	0.5−	921022 801	0.0	1.0+					

(5901)∗ 1986 WB$_1$ = 1976 YJ$_5$ = 1984 BA$_1$

Discovered 1986 Nov. 25 by Z. Vávrová at Kleť.

Id. S. Nakano (*MPC* 12001)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	359.57880	(2000.0)	**P**	**Q**	
n	0.29447624	ω	246.50041	−0.70183961	−0.70983432
a	2.2375318	Ω	248.21594	+0.67474418	−0.63563216
e	0.1189656	i	3.68217	+0.22834503	−0.30349135
P	3.35	H	13.8	G 0.15	

Residuals in seconds of arc

761218 095	0.2+	0.1−	920803 675	0.3+	1.0−	940121 046	0.1+	0.1+		
840129 704	0.2+	1.7+	920803 675	0.8−	2.1−	940121 046	0.3+	0.0		
840201 704	(2.2+	2.8+)	920806 675	0.0	1.0−	940121 046	0.2+	0.1+		
861125 046	1.8−	0.7−	920806 675	0.1−	0.3−	940207 801	0.1−	0.4−		
861125 046	0.5−	0.2−	940119 046	0.1−	0.0	940207 801	0.5−	0.3−		
861126 046	0.1+	1.1−	940119 046	0.3−	0.2−	940321 801	0.9−	0.4−		
861126 046	0.2+	1.9−	940119 046	0.2+	0.1−	940330 046	0.2+	0.2−		
861128 046	0.9−	0.1+	940119 046	0.0	0.1+	940330 046	0.3+	0.2−		
861128 046	2.4+	0.4+	940119 046	0.2−	0.0	940330 046	0.3−	0.2−		
891005 046	2.0+	1.8+	940119 046	0.2−	0.0	940403 046	0.3+	0.2+		
891005 046	(1.9+	3.5+)	940119 046	0.1−	0.3−	940403 046	0.1+	0.3+		
910419 801	0.4−	1.7−	940119 046	0.0	0.2−	940403 046	0.6+	0.4−		
910419 801	0.2−	1.6−	940121 046	0.0	0.1+					

(5902)∗ 1987 QY$_{10}$ = 1990 HC

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

Id. H. E. Holt (*MPC* 16428)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	67.96247	(2000.0)	**P**	**Q**	
n	0.19057821	ω	239.46221	+0.93303388	−0.33733731
a	2.9905694	Ω	139.87384	+0.35879838	+0.89818317
e	0.1217043	i	11.19334	−0.02667397	+0.28190519
P	5.17	H	11.1	G 0.15	

Residuals in seconds of arc

870827 095	0.2+	0.4−	910419 801	0.3+	1.4−	931111 801	0.4+	0.3−		
870902 095	(0.7−	2.7−)	910419 801	0.1−	0.0	931212 107	0.1+	0.9+		
870903 095	0.8−	0.0	910511 801	0.1−	0.2+	931212 107	0.9−	1.3−		
870922 095	0.8+	0.5−	910511 801	0.2+	0.2+	931212 107	(2.7−	4.0+)		
900420 675	0.3−	0.7−	910512 801	0.1−	0.5+	931212 107	0.9+	0.7+		
900422 675	(0.6−	2.7−)	910512 801	0.1−	0.4+	940207 801	0.7−	0.3+		
910414 801	0.1−	0.0	920925 801	0.9−	1.1+	940312 801	0.2+	0.6−		
910414 801	0.0	0.1+	920925 801	0.8+	0.8−					

(5903)∗ 1989 AN$_1$ = 1976 GD$_6$ = 1980 BW$_5$

Discovered 1989 Jan. 6 by S. Ueda and H. Kaneda at Kushiro.

Id. T. Kobayashi (*MPC* 14358)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	20.94536	(2000.0)	**P**	**Q**	
n	0.21679152	ω	92.96980	−0.75665688	−0.65327259
a	2.7443607	Ω	46.24332	+0.58430821	−0.69388663
e	0.0929743	i	2.10715	+0.29335010	−0.30291296
P	4.55	H	12.6	G 0.15	

Residuals in seconds of arc

760402	095	(9.4+ | 2.3+)	910810	675	1.0+	0.7−	921223	801	0.5+	0.1−
800123	095	2.6−	0.1+	910810	675	1.9+	1.1−	940214	801	2.3+	0.1−
881231	400	0.4+	1.2+	921028	399	0.6−	0.7+	940304	399	2.1−	0.8−
881231	400	0.4+	1.9−	921028	399	1.2−	1.4−	940304	399	1.4−	0.2+
881231	400	2.2+	1.0−	921102	399	0.8−	0.4−	940306	894	0.6+	0.0
890106	399	1.9+	0.3+	921102	399	0.1−	0.7+	940306	894	0.8−	0.0
890106	399	0.3+	1.0+	921117	400	1.1−	0.2−	940307	399	0.5−	1.0+
890106	399	1.9+	0.3−	921117	400	0.4+	0.8−	940307	399	2.3−	0.3+
890106	399	1.7+	0.8−	921126	691	0.4−	0.1−	940310	894	0.0	1.5−
890113	399	(1.3− | 3.5−)	921126	691	0.3−	0.1−	940310	894	0.1+	0.8−
890113	399	(0.3+ | 3.1−)	921126	691	0.9−	0.2−	940312	801	0.6+	0.5+
890113	399	1.5−	0.2−	921223	801	0.5+	0.1+	940312	801	0.6+	0.6+

(5904)∗ 1989 AE$_7$ = 1982 SQ$_{10}$ = 1987 SJ$_{21}$

Discovered 1989 Jan. 10 by F. Börngen at Tautenburg.

Id. H. Kaneda (*MPC* 15894), T. Kobayashi (*ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	56.13453	(2000.0)	**P**	**Q**	
n	0.20581299	ω	138.42303	−0.05371164	−0.99783570
a	2.8411066	Ω	314.61738	+0.90151516	−0.03212087
e	0.1114241	i	3.05485	+0.42940131	−0.05737741
P	4.79	H	13.1	G 0.15	

Residuals in seconds of arc

531001	675	0.2+	0.4+	890210	033	0.1−	0.4+	921123	033	0.1+	0.1+
531001	675	0.6−	0.0	920923	033	0.6+	0.1+	921123	033	0.1−	0.3−
820926	095	0.5−	1.9+	920925	033	0.3+	0.4−	921229	033	0.8−	0.1+
870918	095	(1.5+ | 3.2−)	920925	033	0.0	0.0	921229	033	0.1+	0.1+
890110	033	0.0	0.3+	920927	033	0.2−	0.3−	940205	033	0.5−	0.0
890111	033	0.3+	0.1−	920928	033	0.3−	0.1+	940215	033	0.7−	0.9+
890112	033	0.4+	0.1+	920929	033	0.1+	0.3−	940215	033	0.8−	0.5−
890202	033	0.0	0.5+	921031	033	0.7+	0.0	940216	033	0.0	0.4−
890204	033	0.4+	0.0	921031	033	0.3−	0.5−	940304	033	0.8+	0.4+
890210	033	0.0	0.2−	921101	033	0.1−	0.1−	940304	033	0.9+	0.1−

(5905)∗ 1989 CJ$_1$

Discovered 1989 Feb. 11 by E. F. Helin at Palomar.

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	129.26979	(2000.0)	**P**	**Q**	
n	0.37333688	ω	208.58774	+0.95100424	+0.11181077
a	1.9101558	Ω	141.40372	−0.11033051	+0.99366387
e	0.0719036	i	27.52071	−0.28882195	−0.01142199
P	2.64	H	13.0	G 0.15	

Residuals in seconds of arc

890211	675	0.5+	0.9+	900925	675	1.7+	1.2−	920528	589	0.0	0.3+
890211	675	2.0+	0.3−	901118	675	(2.1+ | 5.6−)	920530	675	0.0	1.5−
890212	675	(25.5−	16.5+)	901118	675	(1.4+	4.7−)	920530	675	0.8−	2.1−
890301	675	0.7+	0.7+	920302	801	0.1+	0.7−	920602	675	(0.6− | 3.2−)
890301	675	2.3−	1.1+	920302	801	0.3−	1.0−	920602	675	(0.9− | 2.8−)
890305	675	0.5−	0.4+	920429	801	0.4+	0.3−	931111	801	0.2+	1.0+
890305	675	0.3−	0.3+	920429	801	0.3+	0.1+	931111	801	0.3+	0.9+
890405	675	0.7−	2.0−	920506	801	0.2−	0.1−	931214	675	0.9−	1.7−
890405	675	(6.9+ | 0.0)	920506	801	0.1+	0.0	931214	675	1.2−	0.9−
900923	675	0.1+	0.5+	920528	589	0.1+	0.2+	931216	675	0.5+	2.2−
900923	675	0.3−	1.1−	920528	589	0.0	0.5+	940309	675	2.1+	0.5+
900925	675	(0.5+ | 8.2+)	920528	589	0.2−	0.1+	940309	675	0.2−	0.2−

(5906)∗ 1989 SN$_5$ = 1951 TL = 1979 YP$_7$ = 1991 GL$_9$

Discovered 1989 Sept. 24 by A. C. Gilmore and P. M. Kilmartin at the Mount John Observatory.

Id. H. Kaneda (*MPC* 18631, unpublished)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	63.38779	(2000.0)	**P**	**Q**	
n	0.28569007	ω	206.39536	+0.55115240	−0.83386590
a	2.2831754	Ω	210.18583	+0.77570821	+0.52528753
e	0.2311400	i	3.41810	+0.30742121	+0.16953075
P	3.45	H	14.9	G 0.15	

Residuals in seconds of arc

511003	024	0.7−	2.1−	910410	809	0.4+	2.0−	921015	413	1.4+	0.1+
791223	095	2.9+	2.4−	910419	809	0.8+	2.1−	940212	474	0.6−	1.0+
890924	474	1.2+	0.2−	910419	809	(2.5− | 2.3−)	940212	474	0.0	0.3+
890924	474	1.0+	0.6−	910419	809	(0.4− | 3.0−)	940214	474	0.5−	0.7+
890926	474	0.1+	0.2+	920627	474	1.6−	0.5+	940214	474	0.1+	0.7+
890926	474	0.2+	0.6+	920627	474	0.9−	0.4+	940215	474	0.8−	0.2+
890930	474	0.6−	0.4+	920628	474	1.5−	0.2+	940215	474	1.7−	0.4+
890930	474	1.6−	0.4+	920628	474	0.8+	1.2+	940309	474	0.7−	1.3+
910410	809	0.6+	0.7−	921006	413	1.1+	0.1+	940310	474	0.6+	1.1+
910410	809	0.7+	1.9−	921006	413	0.8+	0.1+	940310	474	0.7−	1.4+

(5907)∗ 1989 TU$_5$

Discovered 1989 Oct. 2 by S. J. Bus at Palomar.

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	256.48753	(2000.0)	**P**	**Q**	
n	0.08389216	ω	139.03984	−0.39410897	+0.91850897
a	5.1679916	Ω	107.72786	−0.85172395	−0.35195945
e	0.0976848	i	1.92090	−0.34531787	−0.18018276
P	11.75	H	10.6	G 0.15	

Residuals in seconds of arc

880910	675	1.3+	0.3−	881009	675	1.2−	0.2+	901111	675	0.3+	0.5−
880910	675	2.2−	1.0−	891002	807	0.7−	0.3+	901114	675	0.7−	0.1−
880912	675	0.5−	0.7+	891006	807	0.3−	0.2+	940112	691	0.8−	0.9−
880912	675	0.4+	0.9−	891028	807	0.2−	0.6+	940112	691	0.1+	0.5−
881007	675	0.0	0.5+	900128	688	0.7+	0.1−	940112	691	0.2−	0.9−
881007	675	1.6+	0.3−	900128	688	0.9+	0.0	940208	303	0.1−	0.2+
881009	675	1.5+	1.7−	901111	675	0.3−	1.5+	940209	303	0.5+	0.2+

(5908)∗ 1989 UF = 1989 UT$_4$ = 1979 YM$_6$ = 1991 GH$_4$

Discovered 1989 Oct. 20 by Y. Mizuno and T. Furuta at Kani.

Id. S. Nakano (d, *MPC* 15676), B. G. Marsden (*MPC* 18432)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden

M	80.04029		(2000.0)		**P**	**Q**	
n	0.29119992	ω	205.83231		+0.60558738	−0.79437215	
a	2.2542836	Ω	206.97410		+0.74699439	+0.58794663	
e	0.1755825	i	5.98502		+0.27434158	+0.15261600	
P	3.38	H	14.4	G	0.15		

Residuals in seconds of arc

791223 095	(10.1−	0.6−)	910408 809	(2.2+	0.6−)	940215 046	0.3+	0.4+		
891020 403	0.1−	0.5−	910408 809	1.2+	0.8−	940215 046	0.2+	0.2+		
891020 403	0.6−	1.0−	910408 809	1.2+	1.7−	940215 046	0.7−	0.1−		
891021 095	0.9−	0.9−	910410 809	1.1−	0.9−	940215 046	0.8−	0.6+		
891023 403	0.9−	1.9+	910410 809	0.6−	0.7−	940216 046	0.2+	0.1+		
891023 403	0.2+	0.9−	910410 809	0.2+	1.2−	940216 046	0.1−	0.1−		
891025 046	(3.4+	2.3−)	910410 809	1.3+	1.0+	940216 046	0.9−	0.2−		
891025 046	(3.1+	2.4−)	910410 809	0.4+	1.7+	940216 046	1.1−	0.2−		
891025 095	0.5−	0.2−	910410 809	0.4+	0.3+	940216 046	0.7−	0.6−		
891025 095	(0.3+	2.7+)	910419 809	1.6−	0.3−	940310 046	0.1−	0.8+		
891026 046	(1.7+	2.3−)	910419 809	(3.7−	0.8+)	940310 046	0.2+	0.3+		
891026 046	(2.6+	1.5−)	910419 809	(2.1−	1.9−)	940310 046	0.6+	0.3+		
891027 046	(4.1+	1.2−)	920730 801	0.0	0.5+	940310 046	0.1+	0.1+		
891027 046	(3.7+	1.1−)	920730 801	0.3−	0.2+	940310 046	0.6+	0.3+		
891102 046	1.8+	0.1−	920802 801	0.3−	0.1−	940311 046	0.6+	0.0		
891102 046	1.6+	0.7+	920802 801	0.4−	0.1−	940311 046	0.6+	0.2−		
910408 809	0.1−	0.3+	920901 801	0.4+	0.3+	940311 046	0.6+	0.0		
910408 809	1.3−	0.3−	920901 801	0.5+	0.3+	940311 046	0.6+	0.3−		
910408 809	0.6−	0.3+	940215 046	0.2+	0.3+	940311 046	0.4+	0.1−		

(5909)∗ 1989 UT = 1942 VH = 1977 CV$_2$

Discovered 1989 Oct. 23 by Y. Mizuno and T. Furuta at Kani.

Id. G. V. Williams (*MPC* 18293)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	100.82413		(2000.0)		**P**	**Q**	
n	0.29352847	ω	2.34928		+0.81393906	−0.57693852	
a	2.2423457	Ω	33.18535		+0.53096055	+0.69115427	
e	0.1945597	i	7.15297		+0.23576280	+0.43525592	
P	3.36	H	13.8	G	0.15		

Residuals in seconds of arc

421105 062	1.0−	0.7+	891029 403	0.5−	0.0	940216 046	0.1+	0.6+		
421105 062	0.1+	0.0	891103 675	2.0−	0.1−	940216 046	0.5+	0.1+		
770212 675	1.3+	0.2−	891103 675	0.9−	0.8−	940216 046	0.3+	0.3+		
770213 675	1.5+	0.0	891104 675	0.8−	0.8−	940216 046	0.2+	0.4+		
890930 675	0.0	0.1+	891104 675	0.3−	1.1−	940220 046	0.1+	0.2+		
890930 675	0.3+	0.2+	891104 095	0.1+	1.5+	940220 046	0.0	0.3+		
891022 046	0.4−	1.7+	891104 095	0.8+	1.8−	940220 046	0.1+	0.1+		
891022 046	1.0+	0.6+	891120 403	0.1−	0.0	940220 046	0.1−	0.4+		
891023 403	0.3−	0.6+	891120 403	(2.6−	2.6−)	940310 046	0.7−	0.5−		
891023 403	1.2+	0.4+	910408 809	0.1−	1.3−	940311 046	0.6−	0.1+		
891023 046	1.4+	0.5+	910408 809	1.7+	0.9−	940311 046	0.5−	0.1+		
891023 046	2.4+	0.4+	910408 809	1.8+	0.1+	940311 046	0.8−	0.0		
891024 046	1.0−	0.7−	910410 809	1.4−	1.1+	940311 046	0.9−	0.0		
891024 046	0.1+	0.7−	910410 809	1.7−	0.5+	940312 046	0.6−	0.4−		
891025 400	(3.8+	1.3+)	910410 809	0.4−	1.6+	940312 046	0.4−	0.5−		
891025 400	(4.9+	0.2+)	910419 809	0.1+	0.1−	940312 046	0.4−	0.6−		
891028 046	1.0−	0.5−	910419 809	0.7+	0.3−	940312 046	0.5−	0.5−		
891028 046	1.3+	1.1−	910419 809	1.8+	0.9+					
891029 403	1.2−	1.5+	940216 046	0.1−	0.1−					

(5910)∗ 1989 WH$_4$ = 1953 GL = 1977 ER$_4$ = 1982 VJ$_2$ = 1991 GL$_1$

Discovered 1989 Nov. 29 by A. Mrkos at Kleť.

Id. G. V. Williams (*MPC* 18294), H. Kaneda (*ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	74.70909		(2000.0)		**P**	**Q**	
n	0.28620699	ω	290.22583		+0.43005038	−0.90063456	
a	2.2804255	Ω	134.14059		+0.85743946	+0.38576793	
e	0.1370737	i	5.00133		+0.28258493	+0.20010122	
P	3.44	H	13.5	G	0.15		

Residuals in seconds of arc (or two decimals in units of degrees)

530407 024	0.2+	0.5−	910414 399	0.7−	0.7+	940216 046	0.8+	0.4−		
530412 024	0.7+	0.8−	910416 399	0.2−	1.3+	940216 046	0.2−	0.1−		
530419 024	(0.03+	0.03+)X	910416 399	0.0	0.8−	940305 691	1.2−	0.2−		
540729 675	0.7−	0.1−	910504 399	0.6+	0.1−	940305 691	0.0	0.1−		
540729 675	0.4−	0.2−	910504 399	1.0−	0.7−	940305 691	1.1−	0.1−		
770315 381	0.3−	1.8−	910505 399	1.8−	0.6+	940310 046	0.6−	0.5+		
770315 381	0.3−	2.2−	910505 399	1.2−	1.1+	940310 046	0.6−	0.3+		
821114 381	0.6−	0.3+	920802 675	1.4+	0.4−	940310 046	0.7−	0.5+		
821114 381	1.0−	0.7+	920802 675	0.5+	1.0−	940310 046	0.7−	0.2+		
891121 095	0.2+	1.5−	920806 675	0.1+	1.0−	940310 046	0.6−	0.3+		
891121 095	1.3+	0.1−	920806 675	0.9+	1.1−	940312 046	0.7+	0.1−		
891123 046	1.0+	2.3−	940215 046	0.1+	0.2−	940312 046	0.7+	0.0		
891123 046	0.5−	0.8−	940215 046	1.1+	0.0	940312 046	0.6+	0.2+		
891129 046	(9.1−	0.6−)	940215 046	0.4−	0.1+	940312 046	0.6+	0.1+		
891129 046	(10.3−	1.5+)	940215 046	0.1+	0.3−	940312 046	0.6+	0.2+		
891130 046	(14.2+	0.7+)	940215 046	0.4+	0.1+	940312 801	0.1−	0.4+		
891130 046	(4.3−	1.4+)	940216 046	0.6−	0.1+	940312 801	0.3+	1.0−		
910414 399	1.3+	0.6−	940216 046	0.2−	0.0	940316 801	0.1−	0.4+		
910414 399	1.3+	2.2−	940216 046	0.3+	0.4−	940316 801	0.0	0.4−		

(5911)∗ 1989 WO$_7$ = 1962 WQ$_1$ = 1974 HZ$_2$ = 1984 HC$_1$ = 1991 JA$_4$ = 1992 SL$_{16}$

Discovered 1989 Nov. 25 by S. Ueda and H. Kaneda at Kushiro.

Id. S. Nakano (*MPC* 21262)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	346.07632		(2000.0)		**P**	**Q**	
n	0.29153817	ω	84.79173		−0.99586983	−0.03925433	
a	2.2525396	Ω	92.94108		+0.00397929	−0.91970954	
e	0.0902082	i	4.70216		+0.09070533	−0.39063212	
P	3.38	H	13.4	G	0.15		

Residuals in seconds of arc

621130 760	0.1+	1.0−	891201 399	0.7+	0.5−	940211 399	0.9−	1.0+		
621130 760	1.8+	2.1−	891201 399	0.0	0.7−	940211 399	0.2−	2.1−		
740425 805	0.0	1.7+	910512 809	0.1+	0.9−	940214 801	1.2+	0.0		
840419 046	0.1−	0.1−	910512 809	0.4+	1.6−	940214 801	1.7+	0.3+		
840419 046	1.2−	0.1+	910512 809	0.1−	2.2−	940304 399	0.8−	1.8+		
840427 046	0.2+	1.0−	910517 809	0.2−	0.2+	940304 399	0.7−	0.1+		
840427 046	1.9−	1.8−	910517 809	0.1−	0.4+	940307 399	1.0−	0.4−		
891125 399	1.5+	1.7−	910517 809	0.1−	0.0	940307 399	0.1+	0.1−		

891125	399	(3.0+	1.8−)	920928	399	0.2+	0.4−	940312	801	0.5+	0.2−
891125	399	1.1−	0.0	920928	399	0.1+	0.9−	940312	801	0.6+	0.3+
891129	399	2.4−	0.2+	921022	399	0.3+	0.7−	940316	801	1.1+	0.8+
891129	399	0.5+	0.6+	921022	399	0.3−	0.5−	940316	801	0.7+	0.4+
891129	399	1.5−	0.3+	921028	399	0.4+	1.1+				
891201	399	1.0+	0.2−	921028	399	0.4−	1.9+				

(5912)∗ 1989 YR = 1985 VW$_3$

Discovered 1989 Dec. 20 by T. Niijima and T. Urata at Ojima.

Id. S. Nakano (*MPC* 15900)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	42.80605		(2000.0)		**P**	**Q**	
n	0.26413340	ω	334.73530		−0.01859285	−0.99844405	
a	2.4057685	Ω	116.29233		+0.92699112	−0.03691587	
e	0.1662652	i	3.36164		+0.37462217	+0.04179349	
P	3.73	H	13.9	G	0.15		

Residuals in seconds of arc

851111	095	(4.1−	2.5+)	910512	809	0.0	1.1+	940202	385	0.7+	0.8−
860111	801	1.2+	0.3−	910512	809	0.2+	0.1+	940202	385	0.4+	0.1−
891220	887	1.6+	1.4−	910512	809	0.4−	0.6−	940202	887	0.2+	0.7−
891220	887	(4.1+	2.6−)Y	920806	675	0.3−	1.5−	940202	887	0.3+	0.3−
891220	887	1.1−	0.8−	920806	675	1.3+	1.3−	940202	887	0.1−	0.8−
900101	887	0.5−	0.2+	940116	385	0.2+	0.2−	940207	887	0.4−	0.4−
900101	887	0.5−	0.4+	940116	385	0.2+	0.7−	940207	887	0.6−	0.5−
900114	887	(0.3−	2.9+)	940119	385	0.2−	0.2+	940207	887	0.4−	0.0
900114	887	0.2−	1.4+	940119	385	0.3−	0.4+	940313	801	0.7−	0.3+
900120	887	0.8−	1.0+	940119	385	0.6−	0.4−	940313	801	0.6−	0.3−
900120	887	0.2+	1.1+	940202	385	1.1+	0.0				

(5913)∗ 1990 BU = 1950 QB$_1$ = 1967 UB = 1971 SR$_1$ = 1984 WT$_1$ = 1988 RO$_{13}$

Discovered 1990 Jan. 21 by M. Arai and H. Mori at Yorii.

Id. T. Kobayashi (*MPC* 18632)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	115.43762		(2000.0)		**P**	**Q**	
n	0.23502278	ω	29.37284		+0.98746588	+0.09955790	
a	2.6005353	Ω	324.26151		−0.15075419	+0.82471437	
e	0.1883273	i	12.10366		+0.04673667	+0.55671755	
P	4.19	H	11.9	G	0.15		

Residuals in seconds of arc

500818	711	(1.5+	3.7−)Y	920726	801	0.2−	0.8−	920901	894	0.7+	1.3−
671027	095	1.6−	0.6+	920729	801	0.4−	0.5−	920901	104	0.2+	0.2+
710923	095	1.9+	0.1+	920729	801	0.4−	0.5−	920901	104	0.5+	0.1−
841121	675	0.4−	0.3+	920801	596	1.2−	0.1−	920903	894	1.5+	1.7−
841124	675	0.4−	0.9−	920801	596	0.9−	0.1−	920903	894	1.7+	1.8−
880914	095	(1.2−	4.6+)	920807	596	0.1−	0.1+	920920	104	1.0−	0.1+
880914	095	0.3+	0.7−	920807	596	0.2+	0.5+	920920	104	0.3−	0.2+
880916	095	0.2+	0.0	920807	596	0.5−	0.2+	920925	104	0.7−	0.2+
880916	095	0.1−	1.6+	920824	801	0.6−	0.1+	920925	104	0.9−	0.1+
900121	875	0.6−	0.1+	920824	801	0.7−	0.1−	921018	104	0.1−	0.3+
900121	875	0.8−	0.4−	920827	801	0.3−	0.2+	921018	104	0.6+	0.4+
900124	875	0.1−	1.6−	920827	801	0.3−	0.2+	940207	801	0.4+	0.7−
900124	875	1.0−	0.3+	920827	104	(2.6−	0.3−)	940207	801	0.1−	0.6−
900125	875	0.6−	0.5+	920827	104	2.2−	0.6+	940212	675	0.2+	1.1−
900125	875	0.2+	1.9+	920828	367	0.8+	0.7+	940212	675	1.6+	0.2−
900127	875	0.4−	1.2+	920828	367	1.1+	0.5+	940313	801	0.3+	0.2+
900127	875	0.6+	0.8+	920829	367	1.8+	0.1+	940313	801	0.5+	0.4−
900217	875	0.1−	1.5−	920829	367	1.4+	0.6+	940321	801	0.1−	0.2−
900217	875	(2.0−	3.2−)	920830	293	0.4+	0.1−	940321	801	0.1+	0.5−
920726	801	0.3−	0.8−	920830	293	(0.4+	3.0−)				

(5914)∗ 1990 WK = 1964 VV$_2$ = 1984 YV$_1$

Discovered 1990 Nov. 20 by R. H. McNaught at Siding Spring.

Id. G. V. Williams (*MPC* 17647)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	232.46774		(2000.0)		**P**	**Q**	
n	0.14761637	ω	253.89522		+0.83046067	+0.52954975	
a	3.5457902	Ω	73.83511		−0.41701970	+0.79679939	
e	0.0942521	i	10.37386		−0.36936385	+0.29101167	
P	6.68	H	10.8	G	0.15		

Residuals in seconds of arc

641112	330	(8.5−	0.9−)	930225	801	0.3+	0.4−	940221	413	0.5−	0.1−
641130	330	0.8−	1.3+	930225	801	0.4−	0.3−	940312	801	0.2−	0.6−
841223	095	2.0+	1.5−	930320	801	0.2−	0.9+	940312	801	0.1+	0.5−
901120	413	2.5−	0.8+	930320	801	0.0	0.9+	940316	801	0.3+	0.2−
901123	413	0.4+	0.1−	930323	801	0.3+	0.7+	940316	801	0.4+	0.1−
901125	413	0.4+	0.6+	930323	801	0.3−	0.6+	940320	413	0.4+	0.0
901206	413	1.2+	1.2−	940220	413	0.7−	0.5−	940320	413	0.3+	0.1−
901217	413	0.2+	0.8−	940220	413	0.7−	0.5−				
910106	413	0.4+	1.2−	940221	413	0.5−	0.4−				

(5915)∗ 1991 EU = 1969 VR$_1$ = 1976 YC$_3$ = 1977 AK = 1981 GE = 1989 TU$_{16}$

Discovered 1991 Mar. 9 by T. Seki at Geisei.

Id. S. Nakano (*MPC* 18129)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	17.24707		(2000.0)		**P**	**Q**	
n	0.29163015	ω	358.67833		−0.20101722	−0.97619093	
a	2.2520659	Ω	102.91352		+0.89951963	−0.21689344	
e	0.0985319	i	4.79677		+0.38788724	−0.00291653	
P	3.38	H	13.7	G	0.15		

Residuals in seconds of arc

691115	095	(3.9+	3.5−)	910309	372	0.8−	0.3−	920723	372	(2.7−	5.0−)
761216	095	0.3−	0.5+	910309	372	(3.1−	0.1−)	931222	372	0.0	0.7−
770113	095	(3.7−	2.4+)	910314	372	0.2+	0.7−	931222	372	1.7−	0.1−
810405	688	0.3−	2.4−	910314	372	2.1+	0.7−	940203	372	0.2−	0.6−
810405	688	0.2−	0.6−	910316	372	1.6−	0.7+	940203	372	1.0−	0.5+
891007	809	0.2+	0.8−	910316	372	0.3−	0.4+	940214	801	0.9+	0.2−
891007	809	0.5+	0.7−	910320	372	0.1−	0.5−	940214	801	1.7+	0.1−
891007	809	0.9+	0.6−	910320	372	1.1−	1.7+	940312	801	0.0	0.1−
891008	809	0.5−	0.2+	910323	372	0.4+	1.0+	940312	801	0.1−	0.8+
891008	809	0.2−	0.2+	910323	372	0.8+	0.4+	940321	801	0.4+	0.1−
891008	809	0.0	0.1+	920723	372	(5.6+	1.4−)	940321	801	1.2+	1.0−

(5916)∗ 1991 JD$_1$ = 1977 LV = 1981 RZ$_1$

Discovered 1991 May 8 by E. F. Helin at Palomar.

Id. B. G. Marsden (*MPC* 18639)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden

M	237.57103		(2000.0)		**P**		**Q**
n	0.27873340	ω	27.18243		+0.23094209		+0.96022749
a	2.3210084	Ω	256.51328		−0.91944007		+0.16261728
e	0.1152449	i	9.28738		−0.31826986		+0.22697752
P	3.54	H	12.5	G	0.15		

Residuals in seconds of arc

770612	675	0.0	0.9−	910616	675	0.4+	1.3−	940113	675	0.7−	0.5−
770613	675	0.2+	0.5−	910616	675	0.2+	0.6−	940310	675	0.1+	1.3−
810907	095	0.8−	1.6+	921119	675	0.5+	0.7−	940311	675	1.3+	0.8+
910508	675	0.3−	0.9+	921119	675	0.3−	0.8−	940311	675	0.9+	0.5+
910508	675	0.8−	1.5+	921124	675	0.2−	0.3+	940312	801	0.7−	0.2−
910510	675	(3.0− | 0.9−)	921124	675	0.4+	0.3+	940321	801	0.2−	0.1+
910510	675	(3.1− | 0.8+)	940111	675	0.1−	1.6+	940321	801	0.1−	0.1−
910614	675	0.9+	0.2−	940111	675	0.6−	0.1−				
910614	675	0.0	0.6+	940113	675	(3.1+ | 0.4+)				

(5917)∗ 1991 NG = 1987 QD$_{11}$

Discovered 1991 July 7 by E. F. Helin at Palomar.

Id. B. G. Marsden (*MPC* 20639)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden

M	202.70651		(2000.0)		**P**		**Q**
n	0.23589172	ω	37.66318		+0.67424559		+0.69666063
a	2.5941450	Ω	276.20415		−0.72323874		+0.55576207
e	0.1387559	i	14.27101		−0.14939415		+0.45364357
P	4.18	H	11.3	G	0.15		

Residuals in seconds of arc

520201	675	0.8+	0.6−	921120	596	0.9+	0.1−	940113	675	1.0+	0.1+
520201	675	1.2−	0.4−	921120	596	1.2+	0.3−	940310	675	0.2−	0.8−
870828	095	0.5−	0.1+	921120	596	1.2−	1.4−	940311	675	0.1−	0.1+
910707	675	0.5+	0.3+	921222	801	0.4−	0.3−	940311	675	0.2+	0.4+
910707	675	0.4−	1.2−	921222	801	0.5−	0.4−	940312	801	0.2−	0.4−
910709	675	0.5+	0.3+	921225	801	0.1−	0.6+	940312	801	0.3−	0.1−
910709	675	0.4+	0.7−	921225	801	0.0	0.2+	940321	801	0.7−	0.5−
910816	675	0.2−	1.0−	940111	675	(2.8− | 0.2−)	940321	801	1.0+	1.0+
910816	675	0.5+	0.5−	940111	675	1.6−	0.8−				

(5918)∗ 1991 NV$_3$ = 1991 NV$_7$ = 1982 SL$_{11}$ = 1989 AU$_5$ = 1992 WW$_2$

Discovered 1991 July 6 by H. Debehogne at the European Southern Observatory.

Id. S. Nakano (*MPC* 19983, *MPC* 21264)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	146.83851		(2000.0)		**P**		**Q**
n	0.20566218	ω	267.86804		+0.99257724		+0.10798348
a	2.8424953	Ω	85.92950		−0.07672907		+0.91294522
e	0.0850391	i	3.21528		−0.09435606		+0.39353601
P	4.79	H	12.4	G	0.15		

Residuals in seconds of arc

530917	675	0.5+	0.2−	910708	809	0.5+	0.4−	921116	400	1.3−	0.6+
530917	675	0.5−	0.6−	910708	809	0.6+	0.0	921117	400	0.7−	0.2+
820927	095	1.1+	2.5+	910715	809	0.4−	1.7−	921117	400	1.5+	0.1−
890104	413	1.3−	0.8−	910715	809	0.1−	1.8−	940207	801	0.1−	0.4+
890104	413	0.1+	0.2+	910715	809	0.2+	1.6−	940207	801	0.6+	0.5+
890110	413	1.5−	0.4−	910716	809	1.9−	0.2−	940312	801	0.2−	0.4+
890110	413	0.2−	0.7−	910716	809	1.3−	0.1−	940312	801	1.1+	0.2−
910706	809	0.6+	2.0+	910716	809	1.0−	0.0	940321	801	1.3+	0.7+
910706	809	0.7+	1.9+	921031	885	0.0	0.3+	940321	801	1.0+	0.3+
910706	809	1.0+	2.2+	921031	885	0.6−	1.1−				

(5919)∗ 1991 PW$_{12}$ =A923 VB = 1979 OU$_5$ = 1983 CC$_5$ = 1984 KQ = 1986 TK$_3$ = 1989 DD

Discovered 1991 Aug. 5 by H. E. Holt at Palomar.

Id. H. Kaneda (*MPC* 19311, unpublished), A. Lowe (*ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	283.95494		(2000.0)		**P**		**Q**
n	0.17156474	ω	189.58813		−0.96026543		+0.27908511
a	3.2076282	Ω	6.61794		−0.25527768		−0.87637791
e	0.1081487	i	0.66991		−0.11279901		−0.39252168
P	5.74	H	11.4	G	0.15		

Residuals in seconds of arc

231112	754	1.0+	2.0−	Y	861005	046(25.3−	84.3+)	910907	399	0.4−	0.1+
540226	675	0.5−	0.7−		861005	046(24.5−	89.4+)	910912	675	0.4+	0.4−
540226	675	0.2−	0.8−		861009	046 1.0+	0.7−	910912	675	0.5+	0.8−
540307	760	0.0	0.5+		861009	046 (3.3+	0.4+)	921126	675	0.3−	0.4−
540307	760	0.1−	0.7+		861010	046 (4.6−	1.0−)	921126	675	0.1+	0.5+
790724	675	2.0−	0.0		861010	046 2.4−	0.3−	921128	675	0.0	0.4−
790725	675	0.4−	1.2+		890226	872 (9.0+	6.4−)Y	921128	675	1.8−	0.7−
830214	381	0.2+	0.7−		890226	872(15.3+	6.7−)	931217	801	0.2−	0.6+
840522	071	0.2+	1.5−		890228	872 (7.4+	4.8−)Y	931217	801	0.2+	0.7−
840522	071	1.3−	0.7−		910805	675 1.3+	0.9−	931218	801	0.3+	0.4+
840522	071	0.9+	1.6−		910808	675 0.9+	0.5+	931218	801	0.1−	0.0
861004	046	1.4+	0.8+		910808	675 0.9+	0.6−	940313	801	0.4−	0.2−
861004	046	(2.8−	0.1+)		910907	399 0.7−	0.4+	940313	801	0.8+	0.9−

(5920)∗ 1992 SX$_{17}$ = 1948 TD$_2$ = 1953 SO = 1983 HB$_2$ = 1990 EG

Discovered 1992 Sept. 30 by H. E. Holt at Palomar.

Id. G. V. Williams (*MPC* 21270)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	64.96247		(2000.0)		**P**		**Q**
n	0.17819081	ω	58.75629		+0.66900401		−0.74029207
a	3.1276094	Ω	348.50015		+0.51682061		+0.52747926
e	0.1311335	i	19.43682		+0.53416299		+0.41681324
P	5.53	H	10.9	G	0.15		

Residuals in seconds of arc

481012	094(18.4+	28.8+)X		920930	675	0.7+	0.2+	940131	107	1.5+	0.5+
530917	675	0.2+	0.1+	920930	675	1.1+	0.7+	940131	107	0.9+	0.1+
530917	675	0.4−	0.1+	921020	675	1.2−	0.4−	940313	801	0.3−	0.3−
830416	033	0.3−	0.1−	921020	675	0.7−	0.6−	940313	801	0.2−	0.4−
830416	033	0.3+	1.0−	921025	675	0.5+	0.5−	940321	801	0.1−	0.4−
900304	413	0.2+	0.2+	921025	675	0.3+	0.1−	940321	801	0.4−	0.4−
900307	413	0.3−	0.6−	940122	107	0.8−	0.3+				
900307	413	0.3−	0.1+	940122	107	0.6−	1.1+				

(5921)∗ 1992 UL = 1978 EE$_2$ = 1978 GT = 1981 EC$_{49}$ = 1982 QS$_2$ = 1982 SG$_7$ = 1991 FP$_5$ = 1994 CN$_4$

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

Id. G. V. Williams (*MPC* 23239)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	259.98621	(2000.0)	**P**	**Q**	
n	0.30437051	ω	294.06562	−0.12533641	+0.99162077
a	2.1887744	Ω	328.68448	−0.88698381	−0.12612832
e	0.1268923	i	3.45134	−0.44446654	−0.02792652
P	3.24	H	13.4	G 0.15	

Residuals in seconds of arc

780305 095	0.1−	1.1+	921022 399	0.3−	0.4−	940210 691	0.2+	0.3−		
780407 095	1.5−	0.0	921022 399	0.9−	1.1−	940212 691	0.2+	0.4−		
810308 095	0.8+	1.3−	921028 399	1.4+	0.1+	940212 691	0.0	0.3−		
820816 095	1.1+	1.0+	921028 399	0.8−	0.8+	940212 691	0.2+	0.0		
820917 095	0.1+	1.2+	940204 399	0.4−	0.4+	940304 399	0.9+	1.0+		
910316 809	0.3−	0.3+	940204 399	0.5+	0.4+	940304 399	0.4+	0.4−		
910316 809	0.1−	0.2+	940205 399	0.3−	0.2−	940311 399	0.2+	0.2−		
910316 809	0.1+	0.3+	940205 399	0.1+	0.8+	940311 399	0.1+	0.7+		
921019 399	(1.4−	4.5−)	940210 691	0.4+	0.4−					
921019 399	1.8−	0.4−	940210 691	0.2+	0.3−					

(5922)∗ 1992 UV = 1950 QF = 1950 SN = 1979 FO = 1982 VN_{12} = 1982 YU_2 = 1987 UP_8 = 1987 WL_4

Discovered 1992 Oct. 21 by S. Otomo at Kiyosato.

Id. K. Ichikawa (*MPC* 21272), S. Nakano (d, *ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	104.82000	(2000.0)	**P**	**Q**	
n	0.18965492	ω	144.19037	+0.95189695	−0.28642956
a	3.0002675	Ω	232.81666	+0.23959598	+0.91721878
e	0.1136724	i	7.85326	+0.19101298	+0.27688955
P	5.20	H	11.8	G 0.15	

Residuals in seconds of arc

500822 024	0.4−	0.2+	921021 894	0.0	0.2+	921118 894	1.6−	0.0		
500918 760	(20.1+	78.1−)X	921024 894	1.0+	0.5−	921118 894	0.2−	1.8−		
790321 414	0.0	1.8−	921024 894	0.5−	0.1−	921121 894	0.4+	0.4+		
790321 414	0.9−	0.5−	921026 894	0.3−	0.3+	921121 894	0.9−	1.6−		
790329 808	0.2−	1.4−	921026 894	0.5−	0.3−	940114 894	0.2+	0.7+		
790329 808	0.4−	1.8−	921026 565	1.5+	1.1−	940114 894	0.6+	0.4+		
821113 095	0.6+	1.7−	921026 565	1.7+	0.4−	940119 894	0.4−	0.0		
821222 095	2.0+	0.3+	921027 894	0.6+	0.1−	940119 894	0.2−	0.0		
871023 095	(4.7−	2.7+)	921027 894	0.3+	0.6+	940202 894	0.1−	2.2+		
871126 046	2.2−	0.6+	921030 894	0.2−	1.7+	940202 894	0.2−	1.0+		
871126 046	1.2−	0.1+	921030 894	0.3−	0.1+	940205 894	0.6+	1.1+		
921021 894	0.6+	0.5−	921118 894	0.5+	0.4−	940205 894	0.2−	1.0−		

(5923)∗ 1992 WC_8 = 1980 EU_1 = 1987 SC_{11} = 1989 BT_1 = 1991 PV_{19}

Discovered 1992 Nov. 26 by Spacewatch at Kitt Peak.

Id. S. Nakano (*MPC* 21597)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	283.05506	(2000.0)	**P**	**Q**	
n	0.20453972	ω	127.31242	−0.63949209	+0.76678529
a	2.8528851	Ω	102.83956	−0.72216780	−0.57433359
e	0.0149971	i	3.26849	−0.26367316	−0.28667270
P	4.82	H	12.5	G 0.15	

Residuals in seconds of arc

800315 095	2.0−	2.0+	910810 675	1.5+	0.1−	921215 399	2.0+	2.1+		
870930 033	1.0−	0.7−	921121 399	0.3+	0.3+	921215 399	0.0	1.3+		
870930 033	0.5−	1.0−	921121 399	0.6+	0.6+	921217 399	0.1−	0.5+		
890129 046	1.7+	2.1−	921125 675	1.3−	0.3−	921217 399	1.9−	0.3+		
890129 046	0.9+	1.7−	921125 675	0.1+	0.9−	940207 801	0.9−	0.3+		
890130 046	0.9+	0.4−	921126 691	0.8−	0.4+	940207 801	0.9−	0.3+		
890130 046	1.2+	0.6−	921126 691	0.4−	0.1+	940312 801	0.7−	0.4+		
890131 046	2.0+	0.3−	921126 691	0.6−	0.2+	940312 801	0.7−	0.8+		
890131 046	2.4+	0.5−	921127 399	0.4+	0.6+	940321 801	0.6−	0.7+		
890202 046	1.1−	0.5−	921127 399	1.6−	0.5−	940321 801	0.2−	0.1−		
890202 046	1.0−	0.1−	921128 675	0.1+	1.4−					
910810 675	2.0+	0.5−	921128 675	0.3−	0.9−					

(5924)∗ 1994 CH_1 = 1940 CH = 1944 HC = 1958 DH = 1965 AB_1 = 1969 ED_1 = 1980 GN_1 = 1980 KU_1 = 1985 UH_4 = 1987 FJ = 1989 YQ_9

Discovered 1994 Feb. 7 by T. Kobayashi at Oizumi.

Id. T. Kobayashi (*MPC* 23244), G. V. Williams (*ibid.*)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kobayashi

M	341.83211	(2000.0)	**P**	**Q**	
n	0.27437430	ω	68.55788	−0.99731799	−0.02916063
a	2.3455269	Ω	109.72088	+0.00188848	−0.92714971
e	0.1097095	i	4.08941	+0.07316604	−0.37355464
P	3.59	H	12.4	G 0.15	

Residuals in seconds of arc

400211 057	(13.5+	0.6−)Y	800518 095	0.1+	0.3+	940211 411	0.2−	0.8+		
400212 020	(12.5+	37.2+)X	851021 095	0.8−	1.3−	940217 411	0.3−	0.2−		
440423 024	0.6−	1.3−	870327 688	1.6−	1.7−	940217 411	0.3−	0.2−		
580218 760	1.5−	1.7+	870327 688	0.9+	1.5−	940217 411	0.4−	0.5−		
580218 760	0.1−	0.9+	891230 511	1.6+	0.1−	940304 411	0.3−	0.9−		
650110 330	(4.5−	2.2−)	891230 511	1.2+	0.0	940304 411	0.5−	1.2−		
690312 095	2.4+	2.0+	940207 411	0.2+	0.7+	940304 411	0.5−	0.8−		
690323 095	1.7+	1.7−	940207 411	0.0	0.7+	940306 411	0.6−	0.1−		
800415 323	0.6−	1.3+	940211 411	0.5+	0.1+	940306 411	0.3−	0.0		
800415 323	0.4+	1.1+	940211 411	0.3+	0.9+	940306 411	0.4−	0.1+		

(5925)∗ 1994 CP_1 = 1943 GF = 1954 HA = 1983 DQ = 1983 GF = 1985 WQ = 1989 YL_6 = 1992 UL_5

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

Id. S. Nakano, F. N. Bowman (d), E. Bowell (d)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	325.11806	(2000.0)	**P**	**Q**	
n	0.27000246	ω	141.37657	−0.87943655	+0.47070031
a	2.3707780	Ω	66.84234	−0.45365275	−0.78361840
e	0.1869966	i	4.42520	−0.14418925	−0.40544224
P	3.65	H	13.0	G 0.15	

Residuals in seconds of arc

430403 062	1.3−	1.4+	921026 400	0.2−	1.2+	940307 399	0.5+	0.5+		
430403 062	1.7−	0.2−	921026 400	(3.8+	1.7+)	940307 399	0.2+	0.3−		
430407 062	1.6+	0.7−	921028 400	0.3−	0.3−	940309 675	0.7+	0.0		
430407 062	(1.4−	3.5+)	921028 400	(5.4+	0.5+)	940309 675	0.7+	0.6−		
540423 024	0.6+	2.1−	940205 399	0.8+	1.6+	940309 010	(4.2+	2.3+)		

830219	688	0.4+	0.6−	940205	399	0.1+	0.3+	940309	010	(3.8+	2.3+)
830219	688	0.7+	0.1−	940211	399	0.4−	0.7+	940309	010	(4.1+	2.4+)
830401	688	(14.2−	0.4−)	940211	399	0.9−	0.5+	940310	675	1.8+	0.6−
830401	688	1.1+	0.4−	940216	010	2.1−	0.6+	940310	010	(3.3+	2.1+)
851120	095	0.7+	1.8−	940216	010	1.7−	0.1+	940310	010	(3.6+	2.1+)
891231	511	0.1+	0.7−	940304	399	0.7−	0.1−	940310	010	(2.9+	2.1+)
891231	511	0.4−	0.0	940304	399	0.2−	0.4+				

1978 WY$_8$ = 1968 UR$_3$ = 1992 SN$_{22}$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

M	6.02105		(2000.0)		**P**		**Q**
n	0.20004883	ω	21.95041		−0.13698389		−0.98900193
a	2.8954231	Ω	75.95764		+0.90007097		−0.14778278
e	0.0591057	i	3.29579		+0.41365162		−0.00595270
P	4.93	H	13.3	G	0.15		

Residuals in seconds of arc

681023	095	0.0	0.0	920922	809	1.1+	1.1+	920923	809	0.9−	0.1+
781129	675	0.0	0.8+	920922	809	0.3+	0.3−	920923	809	1.0−	0.2+
781130	675	0.0	0.8−	920922	809	0.4+	0.9−	920923	809	0.1+	0.2−

1981 UK$_{22}$ = 1991 GQ$_5$ = 1992 SW$_{24}$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

M	143.24381		(2000.0)		**P**		**Q**
n	0.26451000	ω	142.92374		+0.97973607		+0.18043633
a	2.4034845	Ω	207.07046		−0.19615533		+0.95215450
e	0.2114025	i	11.01456		+0.04050077		+0.24666687
P	3.73	H	14.2	G	0.15		

Residuals in seconds of arc

811024	675	0.7+	0.0	910410	809	0.3+	0.6−	920929	675	0.0	0.2+
811025	675	0.1+	0.1+	910410	809	1.5+	0.2−	920929	675	0.8−	0.3+
811026	675	0.8−	0.4−	910410	809	0.9+	0.7−	920930	675	0.2−	0.3−
910408	809	2.0−	1.6+	910419	809	0.4+	0.2−	920930	675	0.4+	0.1−
910408	809	1.8−	0.2−	910419	809	0.0	0.4−	921003	675	0.3+	0.4−
910408	809	0.7−	0.5+	910419	809	1.1+	0.8−	921003	675	0.5+	0.0

1983 CQ$_2$ = 1994 EJ$_2$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	13.15220		(2000.0)		**P**		**Q**
n	0.18462096	ω	278.14170		−0.94573167		−0.32494808
a	3.0545604	Ω	242.89587		+0.29840035		−0.86773013
e	0.0647840	i	0.03877		+0.12864233		−0.37610261
P	5.34	H	12.0	G	0.15		

Residuals in seconds of arc

830214	809	0.6−	0.1+	830218	809	0.3−	0.3−	830220	809	0.1+	0.1+
830214	809	0.4−	0.6−	830218	809	0.1+	0.4−	940311	399	0.1−	0.3+
830214	809	0.0	1.2−	830218	809	0.5+	0.6−	940311	399	0.1+	1.1−
830215	688	1.3+	2.0+	830220	809	0.2−	0.1−	940312	399	0.4−	0.1−
830215	688	0.0	0.9+	830220	809	0.3−	0.0	940312	399	0.4+	0.9+

1986 VM = 1983 XZ = 1994 BY$_3$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	337.52085		(2000.0)		**P**		**Q**
n	0.30337399	ω	246.24296		−0.89656406		−0.43471371
a	2.1935649	Ω	267.89746		+0.43097064		−0.81205593
e	0.0353066	i	4.86979		+0.10216254		−0.38934452
P	3.25	H	14.5	G	0.15		

Residuals in seconds of arc

831205	046	0.1−	0.2+	861107	046	2.2+	1.1+	940130	010	0.2+	1.1−
831205	046	0.2+	0.5+	940116	010	1.0+	1.4+	940131	010	0.1−	1.7+
861028	046	1.1−	1.3+	940116	010	1.4+	0.0	940131	010	0.1−	1.3+
861028	046	2.6−	2.2−	940117	010	0.6+	1.0−	940131	010	1.8−	1.4+
861103	046	(4.8+	1.1−)	940117	010	0.6+	1.2−	940212	691	0.7−	0.7−
861103	046	1.1+	0.8−	940117	010	1.4+	0.5−	940212	691	1.4−	0.6−
861107	046	0.5+	0.1−	940130	010	0.1−	0.4−	940212	691	1.5−	1.0−

1987 BB$_2$ = 1977 HM

Id. T. Kobayashi (*MPC* 12207)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden

M	22.79104		(2000.0)		**P**		**Q**
n	0.28214227	ω	226.01877		−0.17639731		−0.98391832
a	2.3022754	Ω	234.16160		+0.91272132		−0.15281715
e	0.1824412	i	1.98532		+0.36854279		−0.09247523
P	3.49	H	15.0	G	0.15		

Residuals in seconds of arc

770424	675	1.3−	0.5+	870130	809	0.2−	0.4−	870203	809	1.4+	0.5+
770425	675	1.3+	0.5−	870131	809	0.1−	1.2+	870203	809	1.2+	1.1+
870128	809	0.7+	0.2−	870131	809	0.3−	0.3+	940130	010	0.7−	0.7+
870128	809	1.1+	0.0	870202	809	1.4−	0.4−	940130	010	1.5−	1.3−
870129	809	1.0−	0.6+	870202	809	0.7−	0.7−	940131	010	0.5+	0.4+
870129	809	0.5+	1.4−	870203	809	1.1−	0.5+	940131	010	0.1+	0.6−
870130	809	0.8−	0.2−	870203	809	1.1+	0.5+	940131	010	1.3+	0.5−

1987 SH$_4$ = 1994 EH$_1$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	213.74358		(2000.0)		**P**		**Q**
n	0.23536849	ω	313.56417		+0.87482328		+0.47856275
a	2.5979882	Ω	18.25589		−0.34555654		+0.72530444
e	0.1961663	i	13.89841		−0.33952158		+0.49488500
P	4.19	H	13.5	G	0.15		

Residuals in seconds of arc

870929	688	0.5+	0.5+	871026	688	(3.5+	2.5−)	940310	411	0.9+	0.6−
870929	688	0.3+	0.2−	940306	411	0.8−	0.8+	940310	411	0.4+	0.5−
871016	688	(3.3−	1.4+)	940306	411	0.1+	0.2+	940315	411	0.8+	0.7+
871016	688	1.0−	0.1−	940306	411	1.7−	0.6−	940315	411	0.3+	1.2+
871026	688	0.2+	0.1−	940310	411	0.0	1.0−	940315	411	0.1+	0.2−

1989 CH = 1994 EX$_3$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden

M	3.88858		(2000.0)		**P**		**Q**
n	0.20510636	ω	19.27718		−0.90633806		−0.37772910
a	2.8476282	Ω	136.95510		+0.34202608		−0.91900027
e	0.2033565	i	16.10980		+0.24813199		−0.11295682
P	4.81	H	12.5	G	0.15		

Residuals in seconds of arc

890203	399	(3.0+	0.3+)	890209	809	0.5−	0.5−	890225	809	0.6−	1.0+
890203	399	1.3+	0.3+	890209	809	0.6−	0.3−	890225	809	0.6−	0.9+
890203	399	1.6+	0.5+	890210	809	0.1−	0.4−	890226	809	0.6−	0.4+
890203	399	1.3+	0.7+	890210	809	0.0	0.4−	890226	809	0.3−	0.3+
890204	399	0.8−	0.2−	890210	809	0.0	0.5−	890226	809	0.2+	0.1−
890204	399	1.4+	0.2−	890211	809	0.7−	0.3+	890228	809	0.1+	0.3+
890204	399	0.9+	0.0	890211	809	1.3−	0.4+	890228	809	0.0	0.2+
890204	220	0.4+	1.1−	890211	809	1.2−	0.3+	890228	809	0.1+	0.4+
890204	071	(0.9−	2.2+)	890211	399	(1.2−	3.5+)	890301	809	0.5+	0.2+
890205	071	(0.8−	2.8+)	890211	399	1.2+	1.7+	890301	809	0.1+	0.0
890205	220	(3.7+	0.7+)	890211	399	(1.1−	2.3+)	890303	809	0.4+	0.4−
890205	220	(6.3+	3.8−)	890212	809	0.1−	0.6+	890303	809	1.1+	0.3−
890208	809	0.5−	0.0	890212	809	0.2+	0.4+	890311	399	0.2+	1.0+
890208	809	0.4−	0.0	890212	809	0.1+	0.5+	890311	399	0.5−	1.1−
890208	809	0.1−	0.2−	890214	809	0.3+	0.7−	890311	399	0.4+	1.5−
890208	809	0.2−	0.6−	890214	809	0.3−	1.0−	940309	675	0.6+	0.5+
890208	809	0.2−	0.7−	890223	809	0.2−	0.2+	940309	675	0.1−	0.1+
890208	809	0.1+	0.7−	890223	809	1.1−	0.1+	940310	675	0.6−	0.8−
890209	809	0.5−	0.5−	890225	809	0.7−	0.9+				

1989 TJ$_2$ = 1994 CV$_8$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	52.55701		(2000.0)		**P**	**Q**	
n	0.28705218	ω	108.55126		+0.29461026	−0.95427878	
a	2.2759470	Ω	324.19011		+0.84094343	+0.28402625	
e	0.1302866	i	4.95775		+0.45389309	+0.09317240	
P	3.43	H	13.5	G	0.15		

Residuals in seconds of arc

891003	399	(1.0−	2.8+)	891023	046	1.4−	1.5+	940208	303	1.9+	0.7+
891003	399	2.1+	0.5+	891024	046	0.8+	0.2+	940208	303	0.4+	0.1−
891005	046	0.3+	1.5−	891024	046	1.0−	0.7+	940208	303	0.4−	0.0
891005	046	1.0+	1.9−	891028	046	(0.7+	2.3−)	940209	303	1.0+	0.2+
891022	046	0.7+	0.8−	891028	046	(3.9+	2.5+)	940210	303	1.4−	0.3+
891022	046	0.7−	0.6+	940112	691	1.1−	0.7−				
891023	046	2.0−	0.6+	940112	691	0.6−	0.7−				

1989 TO$_{15}$ = 1994 CW$_2$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	57.01433		(2000.0)		**P**	**Q**	
n	0.28074751	ω	220.55886		+0.49661163	−0.86784083	
a	2.3098943	Ω	199.67967		+0.80752513	+0.46835118	
e	0.2317193	i	2.57657		+0.31824527	+0.16582965	
P	3.51	H	15.5	G	0.15		

Residuals in seconds of arc

891003	809	1.1−	0.2−	891008	809	0.3−	0.3−	940214	887	1.0+	0.1+
891003	809	0.7−	0.2−	891008	809	0.1+	0.2−	940214	887	0.9+	0.3+
891003	809	0.5−	0.3−	891008	809	0.5+	0.0	940214	887	0.3+	0.4+
891004	809	0.3+	0.4+	891008	809	0.1−	0.0	940218	385	1.0+	0.1+
891004	809	0.6+	0.4+	891008	809	0.1+	0.0	940218	385	0.5+	0.3−
891004	809	0.9+	0.2+	891008	809	0.6+	0.0	940218	385	0.2+	0.1−
891006	809	0.5−	0.3−	940210	691	0.7−	0.4+	940307	691	0.3−	0.8−
891006	809	0.2−	0.1−	940210	691	0.7−	0.3+	940307	691	0.2−	0.2−
891006	809	0.0	0.2+	940210	691	1.9−	0.2+	940307	691	0.0	0.5−

1989 WS$_2$ = 1994 EP$_1$

Id. K. Watanabe

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	87.91132		(2000.0)		**P**	**Q**	
n	0.29109960	ω	317.98825		+0.41323832	−0.90228545	
a	2.2548015	Ω	107.26821		+0.86600696	+0.34765176	
e	0.1351161	i	7.39716		+0.28154226	+0.25498865	
P	3.39	H	13.1	G	0.15		

Residuals in seconds of arc

891130	399	0.7+	0.9−	891222	399	1.0−	0.3+	900102	399	0.3+	2.3−
891130	399	2.1+	0.6−	891222	399	0.7−	0.7−	940307	400	2.6−	2.6+
891130	399	0.3−	0.8−	891223	399	1.9−	0.3+	940307	400	0.0	2.7−
891203	399	1.9−	1.2+	891223	399	1.3−	0.3+	940312	400	2.4+	0.4+
891203	399	0.5+	2.0+	900102	399	3.7+	1.2+	940312	400	0.3+	0.2−

1989 YF$_1$ = 1994 BY$_4$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden

M	5.08329		(2000.0)		**P**	**Q**	
n	0.24461659	ω	197.10280		−0.52760024	−0.83608321	
a	2.5320879	Ω	284.97443		+0.79646784	−0.42531144	
e	0.0820649	i	8.95318		+0.29542674	−0.34651847	
P	4.03	H	14.0	G	0.15		

Residuals in seconds of arc

891230	413	1.1−	0.0	900124	675	0.4+	0.0	940130	010	0.3+	1.3−
891230	413	0.2−	1.1−	900124	675	0.3−	1.8−	940131	010	0.7+	1.8+
891231	413	(3.1+	1.4+)	940117	010	(3.9+	3.5+)	940131	010	0.3+	0.2−
891231	413	1.4+	1.0+	940117	010	(3.5+	3.6+)	940131	010	0.4+	0.2+
900121	675	(2.7+	0.9+)	940117	010	(2.5+	4.3+)				
900121	675	0.2−	1.8+	940130	010	1.8−	0.4−				

1989 YX$_6$ = 1990 BC$_4$ = 1994 EF$_6$

Id. S. Nakano (d, *MPC* 22572), G. V. Williams

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	58.41365		(2000.0)		**P**	**Q**	
n	0.26808992	ω	325.43653		+0.19479301	−0.97733723	
a	2.3820400	Ω	113.20674		+0.91903005	+0.15234468	
e	0.2040228	i	5.17319		+0.34269441	+0.14697970	
P	3.68	H	14.5	G	0.15		

Residuals in seconds of arc

891225	033	0.3−	0.1+	940216	010	0.5+	1.1−	940310	010	1.7−	0.4+
891226	033	0.2−	0.7+	940216	010	0.4+	0.6−	940310	010	1.0−	0.9+
891226	033	0.2−	0.9+	940309	010	0.8+	0.0	940310	010	1.4−	0.7+
900124	033	0.6+	0.8−	940309	010	1.2+	0.2+				
900124	033	0.3+	1.1−	940309	010	1.2+	0.2−				

1990 BE$_2$ = 1975 BS$_1$ = 1977 RE$_{20}$

Id. E. Bowell (*MPC* 18120), S. Nakano

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	44.21688		(2000.0)		**P**	**Q**	
n	0.26369891	ω	105.84864		−0.34323338	−0.93923317	
a	2.4084104	Ω	4.23804		+0.82985288	−0.30606721	
e	0.1931398	i	4.38358		+0.43992618	−0.15544747	
P	3.74	H	13.8	G	0.15		

Residuals in seconds of arc

750117	330	1.7+	3.1+	900130	399	1.7−	1.1−	900228	399	1.1+	0.1+
770909	675	0.2+	0.5−	900130	399	2.0−	0.8+	900302	399	0.4+	0.2−
770910	675	1.0−	0.8−	900202	399	1.1+	0.2−	900302	399	1.5+	0.6+
900127	675	0.3+	0.3−	900202	399	0.4−	3.0−	900302	399	0.7+	0.3+
900127	675	1.0+	0.7+	900202	399	(3.9− | 3.5−)	920923	691	0.9+	0.4+
900128	399	1.4−	2.2−	900218	399	0.5−	0.5+	920923	691	0.2+	0.0
900128	399	0.7−	1.1−	900218	399	0.8+	2.3+	920923	691	0.2+	0.2−
900128	399	1.1+	0.9−	900218	399	2.1−	0.9+	940311	399	1.0−	0.3−
900130	675	0.2+	1.4−	900223	675	0.2+	0.9+	940311	399	0.5+	0.7−
900130	675	0.6+	0.7−	900223	675	0.3+	0.5+	940312	399	0.9−	0.1+
900130	399	0.6−	0.2−	900228	399	2.2−	1.5+	940312	399	1.1+	0.6−

1990 HU$_1$ = 1994 ER$_6$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	262.28557		(2000.0)		**P**	**Q**	
n	0.23677946	ω	120.40151		−0.11693775	+0.98133778	
a	2.5876569	Ω	141.92713		−0.97480963	−0.08402169	
e	0.0302219	i	14.33201		−0.18992562	−0.17296394	
P	4.16	H	14.0	G	0.15		

Residuals in seconds of arc

900427	413	0.5−	0.2+	900526	413	1.3−	1.4+	940310	010	0.9+	1.5+
900427	413	2.2+	0.1−	940309	010	0.1−	1.0−	940310	010	0.2+	1.3+
900429	413	1.5−	0.3+	940309	010	0.7−	0.6−	940310	010	0.2+	0.5+
900526	413	1.1+	1.8−	940309	010	0.6−	1.8−				

1990 RO$_2$ = 1992 BZ$_2$ = 1993 OA$_{10}$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

M	77.52239		(2000.0)		**P**	**Q**	
n	0.30057614	ω	328.81431		+0.14505704	+0.98812411	
a	2.2071561	Ω	309.47631		−0.89371627	+0.10887262	
e	0.1266221	i	3.76513		−0.42453466	+0.10843196	
P	3.28	H	15.2	G	0.15		

Residuals in seconds of arc

900915	675	0.2+	0.9+	900920	675	0.4−	0.5+	930720	809	0.2+	0.3−
900915	675	0.5+	0.6+	920126	691	0.5−	0.1−	930720	809	0.1−	0.1+
900916	675	0.7−	1.0−	920126	691	0.0	0.1+	930720	809	0.5−	0.4+
900916	675	0.3−	1.4−	920126	691	0.1−	0.1−	930724	809	0.7+	0.6−
900919	675	0.8+	0.2+	920205	691	0.1+	0.0	930726	809	1.0+	0.5−
900919	675	0.0	0.6−	920205	691	0.1+	0.2−	930726	809	0.3+	0.1−
900920	675	0.2−	0.7+	920205	691	0.3+	0.1−	930726	809	1.5−	0.6+

1991 FA

Id. R. H. McNaught (1994 observations)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	69.00248		(2000.0)		**P**	**Q**	
n	0.35402351	ω	91.44512		+0.32145735	−0.94674161	
a	1.9790100	Ω	339.77355		+0.84600685	+0.29596068	
e	0.4461860	i	3.08182		+0.42536758	+0.12683687	
P	2.78	H	17.5	G	0.15		

Residuals in seconds of arc

910309	675	0.7+	0.2−	910318	691	0.1+	0.4+	910519	691	(1.5+ | 2.9−)
910317	691	0.2−	0.4−	910320	691	0.2−	0.7−	910519	691	0.2−	0.1−
910317	691	0.3−	0.4−	910320	691	0.2−	0.7−	910519	691	0.1+	0.3+
910317	691	0.0	0.3−	910405	691	0.5+	0.2+	940320	413	0.4−	0.0
910318	691	0.5−	0.7+	910405	691	0.3+	0.1+	940320	413	0.1+	0.0
910318	691	0.3−	0.9+	910405	691	0.8+	0.2−	940322	413	0.2+	0.2+
910318	691	(0.5+ | 2.9+)	910418	691	0.1−	0.1−	940322	413	0.1+	0.1+
910318	691	0.1−	0.7+	910418	691	0.4−	0.6−				
910318	691	0.3+	0.3+	910418	691	0.3−	0.3−				

1991 JP

Id. K. Kawanishi (1994 observations)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	248.96434		(2000.0)		**P**	**Q**	
n	0.27379020	ω	57.42092		−0.04655898	+0.99529205	
a	2.3488617	Ω	210.25948		−0.96370312	−0.06715014	
e	0.2414375	i	9.71168		−0.26288508	+0.06988991	
P	3.60	H	13.7	G	0.15		

Residuals in seconds of arc

910503	374	1.1+	0.2+	910510	374	1.4−	0.7+	940115	871	1.1+	0.2−
910503	374	0.5−	1.9+	910510	374	1.1+	0.4−	940115	871	0.3+	0.7−
910505	374	0.3+	0.1−	910612	675	0.2+	0.1+	940118	871	0.2−	0.4+
910505	374	0.6−	2.4−	910612	675	0.2−	0.0	940118	871	1.3−	0.5+

1991 NE$_7$ = 1980 PJ$_3$ = 1981 UB$_{12}$ = 1988 AM$_3$ = 1989 EP = 1994 BS$_3$

Id. A. Lowe (k), G. V. Williams

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	95.00239		(2000.0)		**P**	**Q**	
n	0.17629197	ω	110.16463		+0.94261821	−0.32133409	
a	3.1500276	Ω	268.66489		+0.26234993	+0.88078273	
e	0.1033793	i	5.20175		+0.20650282	+0.34780194	
P	5.59	H	12.5	G	0.15		

Residuals in seconds of arc

800803	675	1.3−	0.4−	910712	809	0.9+	1.2−	910716	809	0.1−	0.0
800805	675	1.6−	0.2+	910712	809	1.2+	1.1−	910716	809	0.1+	0.1−
811022	095	0.8+	0.1+	910713	809	0.7−	0.1−	940116	010	(0.8+ | 4.3+)
811024	095	1.1+	0.6+	910713	809	0.3−	0.0	940116	010	(0.3+ | 3.1+)
880112	033	0.2+	0.1−	910713	809	0.2+	0.2+	940117	010	(0.4+ | 3.6+)
880112	033	0.6−	0.2−	910714	809	0.1−	1.0+	940117	010	(0.4+ | 2.7+)
890302	413	0.2+	0.5−	910714	809	0.1−	0.9+	940117	010	0.3−	1.5+
890302	413	1.1+	0.1−	910714	809	0.1−	0.8+	940130	010	0.5−	0.7+
890304	474	0.5−	0.4+	910715	809	0.2−	0.5+	940130	010	1.6+	1.6+
890304	474	0.6+	0.3+	910715	809	0.0	0.6+	940131	010	1.2−	1.7−
890304	413	0.6+	0.3−	910715	809	0.4+	0.6+	940131	010	2.1−	0.7−
910712	809	0.9+	1.2−	910716	809	0.3−	0.1−	940131	010	(2.5− | 3.5−)

1991 PR_1 = 1994 CL_3

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Ichikawa

					P	Q
M	17.30970		(2000.0)			
n	0.18925492	ω	175.32426		−0.50846244	−0.84667955
a	3.0044935	Ω	305.15488		+0.78367871	−0.37953767
e	0.0935556	i	11.05981		+0.35681034	−0.37294087
P	5.21	H	13.1	G	0.15	

Residuals in seconds of arc

910810	809	0.5−	0.8+	910811	809	0.2−	1.6−	940210 691	0.2+ 0.2−
910810	809	0.2+	0.7+	910814	809	0.7−	0.1+	940210 691	0.7+ 0.3+
910810	809	0.4+	0.1+	910814	809	0.6+	0.0	940211 691	0.4− 0.1−
910811	809	0.0	0.1+	910814	809	0.3+	0.4+	940211 691	0.3− 0.0
910811	809	0.2−	0.7−	940210	691	0.0	0.0	940211 691	0.2− 0.1+

1991 QF

Id. R. H. McNaught (1994 observations)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

					P	Q
M	198.04678		(2000.0)			
n	0.24541859	ω	316.40922		+0.97965168	+0.04381864
a	2.5265685	Ω	42.28920		+0.07925973	+0.81209581
e	0.3172531	i	16.92295		−0.18439220	+0.58187656
P	4.02	H	14.5	G	0.15	

Residuals in seconds of arc

910830	413	0.3+	0.3+	910927	413	0.1+	0.2−	940320 413	0.4+ 0.2−
910830	413	1.1−	0.4+	910929	413	0.0	0.1−	940322 413	0.4− 0.3+
910901	413	1.0+	0.0	911126	413	0.4−	0.5+	940322 413	0.3− 0.2+
910909	413	0.3+	0.5−	911126	413	0.3−	0.5+	940322 413	0.2+ 0.3+
910913	413	0.4−	0.4−	940320	413	0.4+	0.2−		

1991 RK_5 = 1933 UF_1 = 1994 EN_6

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

					P	Q
M	190.18296		(2000.0)			
n	0.18697357	ω	319.97265		+0.89103997	+0.45182409
a	3.0288835	Ω	13.37056		−0.35305983	+0.75023650
e	0.1208269	i	10.87295		−0.28530077	+0.48270092
P	5.27	H	12.0	G	0.15	

Residuals in seconds of arc

331019	024	1.2−	1.1+	910914	675	0.5+	0.3+	940309 010	0.0 0.3+
331020	024	3.2+	4.1−	910916	675	0.9+	0.8−	940309 010	0.1− 0.1+
910911	675	0.4+	0.3−	910916	675	0.5+	0.6−	940310 010	0.2+ 0.2+
910911	675	0.5+	0.4+	911005	691	2.2−	1.5+	940310 010	0.2− 0.4−
910913	675	0.5+	0.6−	911005	691	1.9−	1.6+	940310 010	0.2− 0.6−
910913	675	0.2−	0.6−	911005	691	1.8−	1.6+		
910914	675	0.5+	0.7+	940309	010	0.6+	0.8+		

1992 CF_3 = 2308 T-2 = 1979 HP_4

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

					P	Q
M	115.99058		(2000.0)			
n	0.29089882	ω	62.79592		−0.44333145	+0.89635651
a	2.2558389	Ω	180.89155		−0.85267925	−0.42224292
e	0.1583019	i	5.52222		−0.27639704	−0.13511451
P	3.39	H	14.6	G	0.15	

Residuals in seconds of arc

730929	675	1.6+	0.6−	920130	809	0.5+	0.1−	920206 809	0.3+ 0.0
730929	675	1.0+	0.1−	920130	809	1.8−	0.1−	920207 809	(3.8+ 1.3+)
730930	675	(5.3+	3.5−)	920202	809	0.5−	0.4+	920207 809	2.2+ 1.2+
730930	675	(4.7+	3.5−)	920202	809	1.4−	0.7+	920207 809	(3.2+ 0.3−)
731004	675	0.6−	0.4+	920202	809	0.8−	0.6+	920212 809	1.1+ 0.5−
731004	675	0.7−	0.5+	920202	809	2.2+	0.6−	920212 809	0.1− 1.1−
731005	675	0.2−	0.3−	920202	809	0.8+	0.2+	920212 809	1.0− 0.3−
731005	675	1.0−	0.1−	920202	809	0.0	0.5−	920212 809	0.1− 0.0
790424	095	0.0	0.2−	920206	809	1.1+	0.6−	920212 809	1.1− 0.5+
920130	809	0.8−	1.2−	920206	809	0.7+	0.3+	920212 809	1.6− 0.8+

1992 EE = 1993 QF_7

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

					P	Q
M	166.99676		(2000.0)			
n	0.27458863	ω	216.48566		−0.87387233	+0.48593479
a	2.3443063	Ω	352.54437		−0.41506826	−0.76143922
e	0.1656283	i	6.48134		−0.25311162	−0.42904276
P	3.59	H	14.0	G	0.15	

Residuals in seconds of arc

920302	399	1.9−	0.4−	920407	399	1.2−	0.1−	930824 809	0.3+ 0.8+
920302	399	0.5+	1.2−	920407	399	(2.2−	1.2−)	930824 809	0.6+ 0.0
920303	399	1.2+	0.2+	930820	809	0.9+	0.5+	930910 691	0.4− 1.1−
920303	399	0.8−	1.1+	930820	809	0.5+	0.4+	930910 691	0.0 0.5−
920323	399	1.8+	0.2−	930820	809	1.0−	0.2+	930910 691	0.1+ 0.6−
920323	399	(3.1+	0.6−)	930824	809	0.5−	0.5−		

1992 HM = 1981 JW_5 = 1988 EE_2

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

					P	Q
M	154.09955		(2000.0)			
n	0.26503525	ω	181.76925		−0.61346619	+0.71316100
a	2.4003079	Ω	50.56577		−0.71905436	−0.32682340
e	0.1539628	i	26.05185		−0.32652727	−0.62015148
P	3.72	H	13.5	G	0.15	

Residuals in seconds of arc

810508	675	0.2−	0.6−	920426	675	0.9−	0.2+	920605 675	0.2+ 0.2−
810509	675	0.2+	0.6+	920426	675	1.1−	0.3−	920605 675	0.1+ 1.0−
880314	033	0.4+	0.0	920430	675	1.3+	0.6+		
880314	033	0.3−	0.1+	920604	675	0.5+	0.5+		

1992 HY_4 = 1960 WJ = 1979 MQ_9 = 1980 XK = 1993 QB_{10}

Id. G. V. Williams, K. Kinoshita

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

					P	Q
M	344.60138		(2000.0)			
n	0.29538728	ω	134.66901		+0.49483839	−0.86646381
a	2.2329287	Ω	285.56522		+0.77659349	+0.47509907
e	0.1376792	i	3.93733		+0.38991990	+0.15336667
P	3.34	H	13.5	G	0.15	

Residuals in seconds of arc

601119	760	0.4−	0.9+	920423	809	1.8−	1.3+	920503 809	1.1+ 0.5+
601119	760	0.6−	0.1+	920501	809	0.7+	0.3−	920503 809	1.3+ 0.5+
790626	413	0.3−	0.2−	920501	809	1.0+	0.6−	920504 809	0.0 0.4+
790629	413	2.0+	0.8−	920501	809	0.8+	1.1−	920504 809	0.1− 0.0
801210	688	1.3+	0.8+	920502	809	0.1−	0.1+	920504 809	0.1+ 0.3+

801210	688	0.0	0.3−	920502	809	0.0	0.2+	930817	010	1.2−	0.7+
920423	809	2.4−	0.4+	920502	809	0.4+	0.1+				
920423	809	2.1−	0.6+	920503	809	0.7+	0.5+				

1992 PY = 1985 TN$_2$ = 1990 BM$_2$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

M	108.28819	(2000.0)	**P**	**Q**	
n	0.27504271	ω	83.28526	+0.76651188	−0.58214615
a	2.3417253	Ω	311.89582	+0.34283922	+0.72801780
e	0.2962371	i	21.36938	+0.54306612	+0.36207173
P	3.58	H	14.3	G 0.15	

Residuals in seconds of arc

851013	675	0.1−	1.0+	920724	809	0.6+	0.2+	920730	809	0.8−	1.0+
851013	675	0.5−	0.4−	920724	809	0.1+	1.1−	920808	010	0.5+	0.6+
900122	675	1.9−	0.6−	920726	809	0.8+	1.1+	920808	010	0.6+	0.9−
900122	675	1.3−	1.4−	920726	809	1.0+	0.6+	920808	010	0.5−	0.1−
900125	675	0.5+	0.2−	920726	809	0.8+	0.6+	920809	010	0.5−	1.4−
900125	675	0.5+	0.4−	920730	809	0.3+	0.6+	920809	010	0.0	1.9−
920724	809	0.7+	0.2+	920730	809	0.3−	0.4+	920809	010	0.6−	2.2−

1992 RK$_2$ = 1978 RR$_6$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

M	59.93792	(2000.0)	**P**	**Q**	
n	0.28236564	ω	164.36722	−0.00104700	−0.99962663
a	2.3010611	Ω	285.68679	+0.91441487	+0.01009490
e	0.1542323	i	1.62513	+0.40477691	−0.02539063
P	3.49	H	15.0	G 0.15	

Residuals in seconds of arc

780902	809	0.7+	0.2−	920902	809	1.8+	0.8+	920922	809	0.4−	0.2+
780902	809	0.3+	0.9+	920902	809	0.4+	0.0	920923	809	0.7+	0.8−
780902	809	0.5−	0.4−	920902	809	0.9−	0.6−	920923	809	0.7−	0.3−
780902	809	0.2−	1.5+	920903	809	1.3−	0.5−	920923	809	0.0	0.9+
780902	809	0.6−	0.7−	920922	809	0.7+	0.1−				
780906	809	0.3+	1.0−	920922	809	0.3−	0.3+				

1992 SU = 1994 EP$_5$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	60.48504	(2000.0)	**P**	**Q**	
n	0.19200119	ω	261.57512	+0.18963970	−0.98175575
a	2.9757751	Ω	177.36919	+0.97697880	+0.18727313
e	0.2689158	i	17.59128	+0.09772009	+0.03293063
P	5.13	H	12.0	G 0.15	

Residuals in seconds of arc

920923	675	0.9+	0.2−	920930	675	0.2+	0.6+	940310	675	0.7+	0.5−
920923	675	0.4−	0.3−	921001	675	1.4−	0.1−	940310	675	0.8−	0.2−
920925	675	0.4−	0.7+	921001	675	(4.2+	2.2+)	940311	675	0.1+	0.7+
920925	675	0.3−	0.3−	921003	675	0.5+	0.5−				
920930	675	0.7+	0.2+	921003	675	0.3+	0.1−				

1992 SQ$_2$

Id. J. B. Child (1990, 1994 observations)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	144.51702	(2000.0)	**P**	**Q**	
n	0.25158701	ω	141.98289	+0.98135282	−0.18741495
a	2.4851002	Ω	228.87470	+0.15953851	+0.91805294
e	0.1041210	i	3.24870	+0.10721056	+0.34936289
P	3.92	H	12.5	G 0.15	

Residuals in seconds of arc

900415	675	0.2+	0.3+	921018	674	0.0	0.9+	921202	674	0.2−	0.2−
920920	674	0.1−	1.1+	921018	674	0.3−	0.0	921202	674	2.0−	0.7−
920920	674	0.1+	0.5+	921018	674	0.1−	0.2+	940213	671	0.3−	1.0+
920920	674	0.7+	0.1−	921018	674	0.0	0.1−	940213	671	0.5−	0.4+
920925	675	0.5−	0.0	921128	674	0.7+	0.2−	940213	671	0.5+	0.0
920929	674	(0.7+	2.7+)	921128	674	0.2+	0.2+	940309	675	0.0	1.3+
920929	674	(1.5+	2.4+)	921128	674	0.8+	0.8−	940309	675	0.3−	0.1−
920929	674	0.1−	0.6+	921201	670	0.0	1.4−	940311	675	1.0+	1.5−
920929	674	0.1−	0.2+	921201	670	0.6−	0.5−	940311	675	(1.1+	2.4+)
920929	674	1.7+	1.3+	921202	674	0.0	0.2−				

1992 SW$_3$ = 1989 YU$_4$ = 1990 BU$_5$ = 1994 EZ

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	87.26908	(2000.0)	**P**	**Q**	
n	0.26673949	ω	12.73952	+0.54100431	−0.84069544
a	2.3900731	Ω	44.51430	+0.76866891	+0.48300333
e	0.1698041	i	1.90913	+0.34126595	+0.24482436
P	3.70	H	15.5	G 0.15	

Residuals in seconds of arc

891230	413	(6.0+	2.1−)	920926	691	0.2−	0.0	940310	589	0.0	0.6−
891231	413	0.9+	0.8−	920926	691	0.3−	0.3−	940310	589	0.0	0.1−
891231	413	0.2−	2.4+	920929	691	0.3−	0.0	940310	589	0.5+	0.0
900125	372	0.7−	1.1+	920929	691	0.3+	0.2+	940311	589	0.1+	0.7+
900125	372	0.1+	2.9−	920929	691	0.0	0.2+	940311	589	0.7+	0.3+
920924	691	0.3+	0.0	940309	589	0.6−	0.3+	940317	589	0.4−	0.3−
920924	691	0.3+	0.0	940309	589	0.1+	0.5+	940317	589	0.3−	0.3−
920924	691	0.2+	0.2+	940309	589	0.4+	0.4+				
920926	691	0.3−	0.0	940310	589	0.3−	0.1−				

1992 UA$_3$ = 1994 EB$_6$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	114.96151	(2000.0)	**P**	**Q**	
n	0.22755755	ω	351.47591	+0.80757820	−0.58777105
a	2.6571040	Ω	44.64006	+0.54507500	+0.71253441
e	0.0997264	i	3.94986	+0.22519037	+0.38317087
P	4.33	H	13.0	G 0.15	

Residuals in seconds of arc

921025	877	2.0+	1.2−	921118	877	2.4−	0.4+	940310	010	0.3−	0.1−
921025	877	0.2+	0.7+	921118	877	2.7+	0.4−	940310	010	0.1+	0.0
921027	877	2.0−	0.9+	940309	010	0.4−	0.3−	940310	010	0.2−	0.2+
921027	877	0.3+	0.0	940309	010	0.4+	0.2+				
921030	877	0.7−	0.3−	940309	010	0.4+	0.1+				

1992 UH_6 = 1994 EF_1

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	175.61280		(2000.0)		**P**		**Q**
n	0.29798366	ω	292.12882		+0.99361138		+0.05539269
a	2.2199392	Ω	64.81159		−0.00679036		+0.89902212
e	0.1955600	i	6.23798		−0.11265134		+0.43438563
P	3.31	H	13.1	G	0.15		

Residuals in seconds of arc

921031	376	0.2−	0.2+	921118	376	0.0	0.0	940304	411	0.6−	0.4+
921031	376	0.6+	0.2−	921122	376	1.3+	0.5−	940304	411	0.3−	0.1+
921102	376	0.6−	0.1−	921122	376	0.7+	0.4−	940306	411	0.6+	0.3−
921102	376	0.7−	0.6+	921204	376	1.0−	0.4+	940306	411	0.3+	0.4−
921118	376	1.2+	1.3−	921204	376	1.3−	1.2+				

1992 WT_2 = 1977 KO = 1980 DH_5 = 1994 EO_3

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	213.81038		(2000.0)		**P**		**Q**
n	0.28428595	ω	216.83466		+0.86300021		+0.49975229
a	2.2906872	Ω	113.02377		−0.44222145		+0.81810032
e	0.0757959	i	4.61280		−0.24427611		+0.28453386
P	3.47	H	12.9	G	0.15		

Residuals in seconds of arc

770523	095	0.1−	0.4−	921121	400	(4.0+	0.2+)		921127	494	1.4−	1.0+
800221	095	0.0	0.1+	921122	376	1.5+	0.6+	Y	940314	400	1.1+	1.8+
921118	400	0.9+	1.0+	921122	376	0.8+	0.2−	Y	940314	400	0.4−	0.1−
921118	400	0.3+	2.2−	921127	400	0.5−	0.2+		940318	400	0.9−	0.4+
921121	400	1.2+	0.1−	921127	400	2.8−	1.0−		940318	400	0.2+	2.2−

1992 WR_3

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	56.73579		(2000.0)		**P**		**Q**
n	0.22444027	ω	28.20256		−0.49910674		−0.83202640
a	2.6816506	Ω	92.67361		+0.74249253		−0.55468316
e	0.1097332	i	14.02758		+0.44676315		−0.00765927
P	4.39	H	12.0	G	0.15		

Residuals in seconds of arc

921118	691	1.0−	0.3+	921129	894	0.0	0.5−		930117	894	0.5−	0.6−
921118	691	0.2+	0.4+	921204	894	1.0−	0.4−		930117	894	1.4−	0.6+
921118	691	0.8−	0.0	921204	894	0.1+	0.5+		930224	801	0.1−	0.9−
921118	400	(2.6−	0.6−)	921214	894	0.5−	0.5+		930225	801	1.1+	0.3−
921118	400	0.4+	1.3−	921214	894	0.5−	0.7+		930226	801	0.1+	0.2+
921123	894	0.5+	2.2−	921219	400	1.2+	1.5+		930226	801	0.1+	0.7−
921123	894	(0.2−	2.8−)	921219	400	1.2+	0.9+		940312	801	0.3−	1.0−
921124	894	0.3−	0.4+	921222	894	0.7+	0.5+		940312	801	0.2−	0.4−
921124	894	1.0+	0.1−	921222	894	1.0−	0.9+		940316	801	0.2+	0.9+
921127	400	0.0	0.8+	921226	894	0.5+	0.6−		940316	801	0.4+	0.6+
921127	400	0.0	0.1−	921226	894	(1.1+	2.5−)					
921129	894	0.1−	0.3−	921229	894	0.3+	0.6−					

1992 YL_2 = 1931 AK = 1994 EB_3

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	71.45764		(2000.0)		**P**		**Q**
n	0.19010919	ω	12.07967		−0.26248871		−0.94466303
a	2.9954861	Ω	93.38158		+0.86809453		−0.32021442
e	0.0565983	i	11.36716		+0.42132121		+0.07123547
P	5.18	H	11.5	G	0.15		

Residuals in seconds of arc

310110	690	1.5+	1.2+	921219	010	1.9−	0.0		930117	010	2.0+	0.5+
310111	690	1.5−	0.0	921219	010	2.1−	0.2−		930117	010	1.8+	0.0
310112	690	(13.1+	3.7−)	921220	010	2.1−	0.6−		930117	010	2.5+	0.1+
921218	010	1.7−	0.3+	930116	010	2.6+	0.5−		940311	098	0.1+	0.8+
921219	010	2.1−	0.2+	930116	010	2.2+	0.2−		940312	098	0.4+	1.6−
921219	010	2.3−	0.4+	930116	010	1.7+	0.6−		940312	098	0.4−	0.7+

1992 YE_4 = 1979 SX_3 = 1979 SR_{13}

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Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

M	153.19977		(2000.0)		**P**		**Q**
n	0.23778161	ω	239.46263		+0.86193601		−0.50583166
a	2.5803813	Ω	150.88227		+0.48615942		+0.80514509
e	0.2366342	i	4.08339		+0.14392821		+0.30963805
P	4.15	H	14.0	G	0.15		

Residuals in seconds of arc

790920	675	0.5+	0.3−	921231	372	0.4−	2.0−		930116	372	(3.6−	0.4−)
790921	675	1.2+	0.1−	921231	372	(3.1−	1.0−)		930118	372	0.6−	0.5+
790924	095	1.7−	0.4+	930102	372	0.1+	0.4−		930118	372	0.1−	1.4+
921225	372	0.2+	1.8+	930102	372	0.4−	1.2−					
921225	372	1.0+	1.0+	930116	372	0.3+	1.0−					

1993 PW_7 = 1984 SW_1

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	57.82189		(2000.0)		**P**		**Q**
n	0.21341635	ω	340.29562		+0.65216078		+0.75769676
a	2.7732196	Ω	330.39408		−0.68881248		+0.57898170
e	0.1551477	i	2.79884		−0.31658125		+0.30112424
P	4.62	H	13.5	G	0.15		

Residuals in seconds of arc

840920	046	1.4−	0.0	930815	010	1.8+	0.5+		930819	010	1.3−	0.1−
840921	046	0.6−	0.1−	930815	010	1.8+	0.8+		930819	010	1.7−	0.7+
840929	046	2.0+	0.1−	930815	010	0.8+	0.3−		930918	010	0.6+	0.1−
840929	046	1.5+	0.4−	930817	010	1.4+	0.3−		930918	010	0.3−	0.9+
840930	046	(3.5−	0.8+)	930817	010	1.9−	2.4−		930918	010	0.4−	0.2+
840930	046	1.5−	0.4+	930819	010	0.9−	0.4+					

1993 SS_4 = 1989 SE_9

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	4.73178		(2000.0)		**P**		**Q**
n	0.24212981	ω	42.55118		+0.76506060		−0.64395693
a	2.5493955	Ω	357.53522		+0.58225911		+0.69263217
e	0.2266068	i	1.75842		+0.27505747		+0.32493097
P	4.07	H	15.0	G	0.15		

Residuals in seconds of arc

890924	809	0.7−	0.5+	930820	809	0.3+	0.1+	930919	010	1.0−	0.2−
890924	809	0.1+	0.5+	930820	809	0.1+	0.6+	930919	010	0.3−	0.1−
890924	809	0.5+	0.6+	930820	809	0.1−	0.4−	930920	010	0.1+	0.2+
890925	809	0.4−	0.7−	930824	809	0.1−	0.1−	930920	010	0.7−	1.5+
890925	809	0.1+	0.7−	930824	809	0.2+	0.7−	930920	010	1.1+	0.1−
890925	809	0.7+	0.7−	930824	809	0.2+	0.2−				

1993 ST$_4$ = 1974 HS$_1$ = 1986 TZ$_2$ = 1992 GA$_8$

Id. A. Lowe, G. V. Williams

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	135.78076		(2000.0)		**P**	**Q**	
n	0.27352505	ω	194.60011		−0.30537849	+0.95211579	
a	2.3503794	Ω	57.62093		−0.87188647	−0.27332314	
e	0.0269673	i	1.00520		−0.38282889	−0.13700360	
P	3.60	H	15.0	G	0.15		

Residuals in seconds of arc

740424	805	2.6−	2.4−	920405	691	0.1−	0.3+	930824	809	1.3+	1.2+
740425	805	1.4+	0.5−	920405	691	0.2−	0.1+	930919	010	0.5−	0.4−
861004	046	(3.0+ | 4.1−)	930820	809	0.5−	0.2+	930919	010	0.2−	0.3−
861004	046	1.0+	0.6−	930820	809	0.6−	0.2−	930920	010	0.8−	0.7−
861005	046	(1.0− | 5.7−)	930820	809	0.4−	0.4+	930920	010	0.2+	0.7−
861005	046	0.7+	3.4−	930824	809	0.5+	0.6+	930920	010	0.8−	0.1+
920405	691	0.1+	0.7−	930824	809	1.3+	0.7+				

1993 SG$_5$ = 1983 YL

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	263.81169		(2000.0)		**P**	**Q**	
n	0.17266144	ω	350.25244		−0.58101873	−0.81354148	
a	3.1940312	Ω	135.26498		+0.74899058	−0.54591255	
e	0.1559003	i	1.93963		+0.31848132	−0.20032410	
P	5.71	H	13.5	G	0.15		

Residuals in seconds of arc

831229	033	0.4+	1.0−	930820	809	0.0	1.2+	930919	010	1.3+	1.3−
831230	033	0.5+	1.1−	930820	809	0.5−	1.0+	930919	010	0.1+	0.4−
831230	675	0.9+	0.5−	930824	809	2.5−	0.4+	930920	010	0.3−	1.2+
840108	675	1.7−	2.8+	930824	809	0.3−	0.3−	930920	010	0.3+	1.3−
930820	809	0.6+	1.5+	930824	809	0.4+	1.0−	930920	010	0.7+	0.7−

1993 TH$_{32}$ = 1988 CL$_6$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	137.07486		(2000.0)		**P**	**Q**	
n	0.26741472	ω	120.74955		−0.12256878	+0.99203905	
a	2.3860480	Ω	142.17626		−0.92591811	−0.10381805	
e	0.1864291	i	2.70152		−0.35728498	−0.07127644	
P	3.69	H	14.0	G	0.15		

Residuals in seconds of arc

880215	809	0.4+	0.3−	931009	809	0.0	0.7+	931021	809	0.1+	0.1+
880215	809	0.2+	0.3+	931009	809	1.0−	0.1−	931021	809	0.2−	0.2+
880216	809	0.6−	0.5+	931011	809	0.4+	0.6−	931021	809	0.1+	0.1−
880216	809	0.1+	0.5−	931011	809	0.6+	0.3−				
931009	809	0.6+	0.2+	931011	809	0.6−	0.2−				

1993 VT$_2$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	17.81726		(2000.0)		**P**	**Q**	
n	0.26106613	ω	295.00642		+0.82543226	−0.41262726	
a	2.4245754	Ω	91.43376		+0.54582836	+0.75746698	
e	0.2970144	i	22.66536		−0.14398956	+0.50594714	
P	3.78	H	14.0	G	0.15		

From 7 observations 1993 Nov. 7–1994 Mar. 20, mean residual 0″.45.

1993 VB$_5$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	6.85737		(2000.0)		**P**	**Q**	
n	0.36135693	ω	266.06042		+0.45836848	−0.87193916	
a	1.9521437	Ω	154.33884		+0.88749885	+0.45937456	
e	0.1020825	i	23.41755		−0.04737224	+0.16940225	
P	2.73	H	13.5	G	0.15		

From 7 observations 1993 Nov. 4–1994 Mar. 22, mean residual 0″.46.

1993 VU$_7$

Id. R. H. McNaught (1988 observations)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	16.14976		(2000.0)		**P**	**Q**	
n	0.18655777	ω	259.04011		+0.84588839	−0.44132279	
a	3.0333823	Ω	126.44815		+0.50174633	+0.84889410	
e	0.2916706	i	21.86023		−0.18089625	+0.29088315	
P	5.28	H	14.0	G	0.15		

Residuals in seconds of arc

881230	413	0.0	0.7+	931104	413	1.0+	0.3+	931109	413	1.0+	0.2−
881230	413	0.1+	1.1−	931104	413	0.2−	0.0	931109	413	0.4−	0.6+
931008	413	0.5−	0.8−	931105	413	0.5−	0.3−	940319	413	0.9−	0.2+
931008	413	0.1+	0.4+	931106	413	0.3−	0.0	940319	413	0.4+	0.5+

1993 YN$_2$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	8.44978		(2000.0)		**P**	**Q**	
n	0.26846986	ω	202.36353		−0.11764309	−0.99191652	
a	2.3797921	Ω	254.41836		+0.91842031	−0.09046143	
e	0.1718295	i	2.82997		+0.37770920	−0.08898515	
P	3.67	H	15.5	G	0.15		

From 12 observations 1993 Dec. 18–1994 Mar. 4, mean residual 0″.88.

1994 AX$_1$ = 1966 BR = 1978 GR$_2$ = 1980 TC$_2$ = 1981 WR$_8$ = 1983 CT = 1986 TT$_2$ = 1991 RX$_{22}$

Id. K. Kinoshita, A. Lowe

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kinoshita

M	254.06661		(2000.0)		**P**	**Q**	
n	0.17694446	ω	136.49046		−0.45009184	+0.88462324	
a	3.1422790	Ω	106.41591		−0.85015502	−0.38272713	
e	0.0890113	i	7.30077		−0.27322843	−0.26638631	
P	5.57	H	11.5	G	0.15		

Residuals in seconds of arc

660121	330	(1.7+ | 5.7+)	830219	688	0.6−	0.3−	940105	400	0.6−	1.0+
780411	095	0.1−	0.3+	861007	688	(4.8− | 0.6+)	940105	400	1.4−	1.3−
801005	809	0.8−	1.6−	861007	688	(1.3− | 4.7+)	940110	400	2.0+	1.0+
811125	095	0.7+	1.1−	910915	675	0.0	0.8+	940110	400	1.0+	1.4+

830215	688	0.4+	1.3−	910915	675	0.2−	0.5−	940115	400	0.2+	1.0+
830215	688	0.1−	1.8−	910917	675	0.1+	0.8+	940115	400	2.0−	1.1+
830219	688	1.3+	0.5+	910917	675	0.4+	1.3+				

1994 AY$_1$ = 1992 RJ$_4$ = 1992 SV$_{19}$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Marsden

M	29.17959		(2000.0)		**P**	**Q**	
n	0.23208747	ω	294.32568		−0.02859458	−0.99953344	
a	2.6224160	Ω	157.30509		+0.92689697	−0.03053420	
e	0.1249668	i	1.59440		+0.37422501	−0.00074605	
P	4.25	H	13.0	G	0.15		

Residuals in seconds of arc

920902	809	0.6+	0.9−	920923	809	0.0	0.3+	940115	399	0.5+	0.5−
920902	809	0.0	1.0−	920923	809	0.1+	0.2+	940115	399	0.8+	0.2+
920902	809	0.5−	1.6−	940107	408	(2.3+	1.0+)	940116	691	1.1−	0.4+
920903	809	(1.7−	2.9−)	940107	408	0.3+	0.6−	940116	691	(2.3−	0.4+)
920922	809	0.2−	0.5+	940108	408	0.5+	0.8−	940116	691	1.8−	0.7+
920922	809	0.3−	0.5+	940108	408	(0.6+	2.4−)	940130	010	0.0	0.6+
920922	809	0.9−	0.6+	940112	399	0.7+	0.3−	940130	010	0.4−	0.7+
920923	809	1.1+	1.4+	940112	399	0.5+	0.4−				

1994 AE$_2$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	313.66878		(2000.0)		**P**	**Q**	
n	0.23385445	ω	114.46513		−0.70416279	+0.69252682	
a	2.6091895	Ω	109.79926		−0.69673125	−0.63139190	
e	0.4312075	i	9.58829		−0.13682226	−0.34892818	
P	4.21	H	13.5	G	0.15		

From 28 observations 1994 Jan. 9–Mar. 21, mean residual 0″.69.

1994 BA$_1$ = 1992 SW$_{19}$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	49.64362		(2000.0)		**P**	**Q**	
n	0.23834013	ω	74.50270		+0.13725710	−0.99041530	
a	2.5763485	Ω	7.65809		+0.85863735	+0.11119992	
e	0.1349553	i	6.64832		+0.49386474	+0.08192753	
P	4.14	H	14.5	G	0.15		

Residuals in seconds of arc

920922	809	0.4−	0.1+	920923	809	1.2+	0.5−	940209	104	0.6+	0.9+
920922	809	0.2−	0.6+	940117	098	0.8+	0.4+	940209	104	0.0	0.6+
920922	809	1.4−	0.2−	940117	098	0.8−	0.1+	940209	104	0.1+	0.4+
920923	809	0.4+	0.6+	940118	098	0.2+	0.9−	940209	104	0.3+	0.1+
920923	809	0.2+	0.4−	940119	098	1.1−	1.4−				

1994 BD$_4$ = 1981 UZ$_{22}$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	23.60533		(2000.0)		**P**	**Q**	
n	0.17587825	ω	301.76819		−0.16505592	−0.98550099	
a	3.1549656	Ω	157.63183		+0.93622844	−0.16908688	
e	0.0881496	i	5.92721		+0.31021419	−0.01405104	
P	5.60	H	13.5	G	0.15		

Residuals in seconds of arc

811024	675	0.0	0.6+	940117	010	0.8+	0.3+	940131	010	1.4+	0.8−
811025	675	0.4+	0.3+	940117	010	0.5+	0.0	940213	691	0.0	0.2+
811026	675	0.3−	0.9−	940130	010	3.5−	0.3−	940213	691	0.4+	0.1+
940116	010	1.3+	0.1+	940130	010	3.3−	1.5−	940213	691	0.3+	0.4+
940116	010	0.9+	0.1+	940131	010	0.1+	0.5+				
940117	010	1.1+	0.4+	940131	010	0.1+	0.4+				

1994 CB

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	282.83982		(2000.0)		**P**	**Q**	
n	0.79987178	ω	288.31478		−0.47727095	+0.84611320	
a	1.1493593	Ω	310.78910		−0.64027266	−0.51977540	
e	0.1453908	i	18.26467		−0.60188318	−0.11800841	
P	1.23	H	21.0	G	0.15		

From 41 observations 1994 Feb. 3–Mar. 22, mean residual 0″.65.

1994 CC

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	235.38747		(2000.0)		**P**	**Q**	
n	0.47060239	ω	24.56033		+0.39672860	+0.91437029	
a	1.6369420	Ω	268.89843		−0.85499181	+0.33604341	
e	0.4169736	i	4.63710		−0.33405901	+0.22583579	
P	2.09	H	18.0	G	0.15		

From 23 observations 1994 Feb. 3–Mar. 18, mean residual 0″.43.

1994 CO = 1991 VD$_3$

Id. A. Lowe

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	239.14273		(2000.0)		**P**	**Q**	
n	0.08322609	ω	124.07894		−0.26279871	+0.95876291	
a	5.1955284	Ω	130.30497		−0.92539224	−0.21871445	
e	0.0379698	i	8.15784		−0.27310443	−0.18148737	
P	11.84	H	9.0	G	0.15		

Residuals in seconds of arc

911113	894	0.5−	0.3−	940110	691	0.2+	0.1+	940205	399	0.2−	0.7+
911113	894	0.6+	0.2+	940110	691	0.3−	0.2−	940205	399	0.0	0.4−
911114	894	0.1−	0.0	940204	399	1.1+	0.4+	940211	399	0.1+	0.9+
940110	691	0.0	0.0	940204	399	0.3−	0.2−	940211	399	0.6−	1.3−

1994 CS = 1962 EE

Id. S. Nakano

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	338.11604		(2000.0)		**P**	**Q**	
n	0.18617708	ω	36.98674		−0.99640600	+0.01893911	
a	3.0375160	Ω	143.83280		−0.04222085	−0.95602101	
e	0.1812377	i	8.04210		+0.07343354	−0.29268608	
P	5.29	H	13.0	G	0.15		

Residuals in seconds of arc

620308	033	0.4+	1.3+	940204	399	0.2−	0.7−	940304	691	0.9−	0.2+
620309	033	0.3−	0.8−	940205	399	0.6−	0.2+	940304	399	0.9+	0.4+
620309	033	0.1+	0.2+	940205	399	0.6+	0.1−	940304	399	0.8+	0.7+
620309	033	0.2−	0.7−	940304	691	1.1−	0.2−	940311	399	1.5+	0.2+
940204	399	0.8+	0.3+	940304	691	1.0−	0.1−	940311	399	0.8−	1.0−

1994 CE$_2$ = 1991 JX$_6$ = 1991 NW$_2$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kobayashi

			(2000.0)	P	Q
M	208.99331				
n	0.26996417	ω	270.74055	+0.64604696	+0.76327079
a	2.3710022	Ω	39.50609	−0.69624588	+0.59271385
e	0.0549698	i	0.57695	−0.31283383	+0.25711475
P	3.65	H	14.0	G 0.15	

Residuals in seconds of arc

910512	809	1.0+	0.3−	910705	809	0.1+	0.1−	940217	411	0.6+	0.9−
910512	809	0.5−	0.6+	910705	809	0.0	0.2−	940217	411	0.3+	0.5−
910512	809	0.1−	0.6+	940212	411	1.0−	0.3−	940217	411	0.9−	1.9−
910704	809	0.8−	0.1−	940212	411	0.4+	1.4+	940302	411	0.8−	0.8+
910704	809	0.1−	0.1−	940213	411	0.5−	0.1−	940302	411	0.3+	0.3+
910704	809	0.7+	0.3−	940213	411	0.6+	0.1−	940302	411	0.1−	0.2+
910705	809	0.3−	0.2−	940213	411	1.1+	0.8+				

1994 CJ$_2$ = 1991 PQ$_4$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kobayashi

			(2000.0)	P	Q
M	304.90803				
n	0.24002629	ω	85.09397	−0.80108887	+0.59002230
a	2.5642686	Ω	131.02370	−0.58831520	−0.74522749
e	0.1376045	i	7.66667	−0.11019002	−0.31066006
P	4.11	H	13.6	G 0.15	

Residuals in seconds of arc

910803	809	0.7+	1.9+	940213	411	0.5−	0.4−	940217	411	0.2+	0.9−
910803	809	0.5+	1.7+	940213	411	0.3+	0.1+	940217	411	0.2+	0.4−
910803	809	1.5−	1.4+	940213	411	1.9−	2.1−	940217	411	0.3+	0.6−
910805	809	1.3+	1.6−	940214	411	0.3−	0.5+	940302	411	0.3+	1.0+
910805	809	0.0	2.1−	940214	411	0.5+	1.6+	940302	411	0.7+	0.8−
910805	809	1.0−	1.7−	940214	411	0.0	1.0+	940302	411	0.2−	0.5+

1994 CN$_2$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

			(2000.0)	P	Q
M	145.74748				
n	0.49961443	ω	248.18051	+0.97600817	+0.21632388
a	1.5729421	Ω	99.31952	−0.18936452	+0.89942335
e	0.3944814	i	1.43656	−0.10746686	+0.37979154
P	1.97	H	16.5	G 0.15	

From 28 observations 1994 Feb. 15–Mar. 20, mean residual 0″.59.

1994 CP$_2$ = 1940 TD = 1965 MB = 1983 AQ$_3$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

			(2000.0)	P	Q
M	110.95131				
n	0.19023318	ω	34.53127	+0.95751905	−0.28174889
a	2.9941844	Ω	341.53756	+0.20083264	+0.80443767
e	0.1964657	i	11.18689	+0.20693843	+0.52296998
P	5.18	H	11.5	G 0.15	

Residuals in seconds of arc

401007	690	0.7+	0.3−		940213	411	0.2+	0.6−	940304	411	0.4−	0.8+
401008	690	0.7−	0.5+		940213	411	0.7+	0.0	940304	411	0.1−	1.5+
650630	808	(1.8− | 12.9−)Y		940213	411	0.1+	0.3+	940304	411	0.3−	0.6+
650702	808	0.8+	1.2−	Y	940216	411	0.1−	0.4−	940306	411	0.6+	0.4−
650705	808	0.3−	2.5−	Y	940216	411	0.1−	0.1+	940306	411	0.5+	0.5−
830114	095	0.7−	3.9−		940216	411	0.8−	1.4−	940306	411	0.3+	0.0

1994 CS$_8$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

			(2000.0)	P	Q
M	338.50181				
n	0.08155843	ω	36.33588	−0.91303421	−0.39434116
a	5.2661127	Ω	120.12229	+0.34004622	−0.87702869
e	0.0227180	i	6.92105	+0.22524897	−0.27443711
P	12.08	H	9.0	G 0.15	

From 11 observations 1993 Nov. 20–1994 Feb. 10, mean residual 0″.58.

1994 EH = 1982 RJ$_1$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

			(2000.0)	P	Q
M	281.65528				
n	0.22952036	ω	287.07438	+0.17790338	+0.98188947
a	2.6419337	Ω	352.24191	−0.61400800	+0.05903071
e	0.3221117	i	28.85305	−0.76898931	+0.18002348
P	4.29	H	13.5	G 0.15	

Residuals in seconds of arc

820914	046	(3.2− | 0.7−)	940306	589	0.1+	0.1−	940308	589	0.1+	0.1−
820914	046	1.2−	0.7−	940306	589	0.0	0.1−	940310	589	0.3+	0.0
820915	046	0.7−	0.2−	940306	589	0.0	0.2+	940310	589	0.0	0.2+
820915	046	1.0+	0.4−	940306	589	0.2+	0.3−	940310	589	0.3+	0.3+
820916	046	0.5+	2.4+	940306	589	0.2−	0.1+	940310	589	0.4+	0.2+
820916	046	(1.2+ | 4.1+)	940307	589	0.0	0.3+	940318	589	0.2+	0.1+
820919	046	0.3+	0.8−	940307	589	0.0	0.5−	940318	589	0.1+	0.3−
820919	046	0.1+	0.3−	940308	589	0.2−	0.1+	940330	589	0.4−	0.1+
940306	589	0.2+	0.5−	940308	589	0.4−	0.1+	940330	589	0.2−	0.5+
940306	589	0.2−	0.4−	940308	589	0.1−	0.2+				

1994 ER = 1980 BG$_4$ = 1987 DE$_5$ = 1989 WC$_6$ = 1991 JB$_7$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Kobayashi

			(2000.0)	P	Q
M	67.20820				
n	0.28809232	ω	334.92868	−0.00176901	−0.99476068
a	2.2704656	Ω	115.03225	+0.93544696	−0.03777573
e	0.1230441	i	6.47746	+0.35346268	+0.09499575
P	3.42	H	14.3	G 0.15	

Residuals in seconds of arc

800122	095	0.1−	0.0		910513	809	0.4−	0.1−	940306	411	0.2+	0.3+
800123	095	(1.6+ | 4.6−)		910513	809	0.7+	0.0	940306	411	0.4+	0.2−
870223	010	(4.9+ | 4.3−)		910513	809	0.1−	0.6+	940310	411	0.3−	0.3−
870223	010	0.5−	0.7+		940304	411	1.0+	1.3+	940310	411	0.7−	0.9−
870223	010	0.4+	1.6−		940304	411	0.5−	1.0+	940310	411	0.4−	0.6−
891124	095	0.2−	0.7+		940306	411	0.4+	0.3+				

1994 EC$_1$ = 1991 JD$_7$ = 1992 SW$_{13}$

Id. K. Ichikawa

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

			(2000.0)	P	Q
M	29.45646				
n	0.28916103	ω	334.11838	−0.61315161	−0.78895686
a	2.2648679	Ω	153.64249	+0.73949008	−0.59100718
e	0.0905409	i	5.15643	+0.27784801	−0.16809991
P	3.41	H	14.0	G 0.15	

Residuals in seconds of arc

910513	809	0.5+	0.2−		920928	033	0.1+	1.1+	940306	894	0.8+	0.3−
910513	809	0.3−	0.1+		940304	691	0.1−	0.1+	940306	894	1.8+	1.6−

910513	809	0.2−	0.0	940304	691	0.3+	0.4−	940307	399	0.9− 1.0+
920926	033	0.1−	0.6−	940304	691	0.0	0.3−	940307	399	0.7− 0.2+
920926	033	0.1+	0.7−	940304	399	0.9−	1.3+	940310	894	2.0+ 0.1−
920927	033	0.0	0.1−	940304	399	2.4−	0.4−	940310	894	0.1+ 0.3+

1994 EE$_1$ = 1954 SD = 1977 EM$_4$ = 1980 DH$_3$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Ichikawa

M	203.33408		(2000.0)		**P**	**Q**
n	0.28887996	ω	271.35299		+0.93133963	+0.35653522
a	2.2663368	Ω	67.76375		−0.29410694	+0.85643334
e	0.2191886	i	4.59094		−0.21472682	+0.37336921
P	3.41	H	13.3	G	0.15	

Residuals in seconds of arc

540922	760	0.2+	0.3+	940304	411	0.3+	1.0−	940310	411	1.1+ 0.9+
540922	760	0.1−	0.6−	940304	411	0.5−	0.1+	940310	411	0.1− 0.0
770315	381	1.1−	0.8−	940306	411	0.2−	0.5+	940315	411	0.3− 0.2−
770315	381	0.4+	0.7−	940306	411	1.1+	0.7+	940315	411	0.2− 0.5−
800220	095	0.2−	0.5−	940310	411	0.1−	0.0	940315	411	0.2− 1.0+

1994 EM$_1$ = 1953 MB = 1977 XZ = 1979 FS$_3$ = 1991 PR$_{13}$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	304.39284		(2000.0)		**P**	**Q**
n	0.26138892	ω	158.72890		−0.52435637	+0.84895482
a	2.4225789	Ω	79.59241		−0.79056807	−0.45668612
e	0.1439736	i	3.83443		−0.31631082	−0.26592010
P	3.77	H	13.3	G	0.15	

Residuals in seconds of arc

530616	078	0.9+	0.5−	910806	675	0.7−	0.5−	940311	896	0.5+ 1.0−
771207	675	0.1−	0.9−	910810	675	0.5+	0.3+	940314	905	0.2+ 0.5+
771208	675	0.4+	0.7−	910810	675	0.1+	0.2−	940314	905	0.3+ 0.2−
790331	095	3.1−	0.3−	940310	896	1.8+	0.3+	940317	905	0.0 0.3−
910806	675	0.3−	0.6−	940310	896	0.3+	0.3−	940317	905	0.7− 0.6+

1994 EO$_1$ = 1969 FO = 1978 VM

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	0.19738		(2000.0)		**P**	**Q**
n	0.27539696	ω	132.77331		−0.95688130	−0.27547833
a	2.3397168	Ω	31.56669		+0.18730282	−0.82759161
e	0.1450809	i	10.13753		+0.22202663	−0.48908467
P	3.58	H	13.3	G	0.15	

Residuals in seconds of arc

690323	095	2.8−	4.3−	781102	010	0.9−	0.1−	940312	400	1.6− 2.1+
781101	010	0.5−	0.4+	940307	400	0.9−	0.8−	940312	400	1.5+ 0.5+
781101	010	1.9+	1.6−	940307	400	2.6+	0.1−	940318	400	0.7+ 2.1+

1994 ES$_1$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 (M-N) Marsden

M	312.25596		(2000.0)		**P**	**Q**
n	0.60230655	ω	279.95343		+0.05870416	+0.99827275
a	1.3886442	Ω	353.41068		−0.90782608	+0.05242190
e	0.5877842	i	1.15432		−0.41521757	+0.02652294
P	1.64	H	28.5	G	0.15	

From 13 observations 1994 Mar. 14–15, mean residual 1″.4.

1994 EK$_2$ = 1936 FR$_1$ = 1976 GF$_2$ = 1980 LW = 1983 CK$_3$ = 1983 FN = 1983 GG = 1992 UY$_1$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

M	3.29732		(2000.0)		**P**	**Q**
n	0.27240516	ω	356.03366		−0.97780646	−0.20905075
a	2.3568168	Ω	171.85982		+0.19481598	−0.93158440
e	0.0754072	i	5.62033		+0.07707952	−0.29740256
P	3.62	H	13.2	G	0.15	

Residuals in seconds of arc

360317	754	1.2+	3.9+	830316	095	(2.5+	7.6+)	921026	403	0.9+ 0.4+
360317	754	(44.0−	22.9+)	830410	688	0.7−	0.7−	921026	403	1.6+ 0.1+
760401	095	0.6−	2.3+	830410	688	1.2+	0.6−	940314	896	0.5+ 1.4−
760404	095	0.3−	1.5+	921021	402	(3.7+	1.9−)	940314	896	0.6+ 1.2−
800610	675	0.2+	1.6+	921021	403	0.5−	1.3− Y	940315	896	0.6+ 1.7−
800611	675	0.9+	0.8−	921021	402	2.4−	2.4+	940315	896	0.2− 1.3−
830210	809	0.8−	0.4+	921021	403	1.7+	0.2+ Y	940320	896	1.4− 0.4+
830210	809	0.4+	0.1−	921022	399	0.8−	0.7+	940320	896	2.0− 0.8+
830210	809	1.5+	0.7−	921022	399	1.6−	0.2−			

1994 FN = 1981 RP$_5$ = 1991 SF

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	8.32280		(2000.0)		**P**	**Q**
n	0.20011359	ω	99.89693		−0.91473745	−0.40192753
a	2.8947984	Ω	56.41538		+0.34853400	−0.83668235
e	0.0093701	i	2.84495		+0.20440021	−0.37204423
P	4.93	H	13.0	G	0.15	

Residuals in seconds of arc

810901	675	0.0	0.5−	940318	589	0.8−	0.6−	940329	589	0.2+ 0.5+
810902	675	0.1+	0.2+	940318	589	0.2−	0.4−	940329	589	0.5+ 0.0
910929	413	0.3+	0.9+	940327	589	1.0−	0.6−	940331	589	0.1+ 0.0
910930	413	0.0	0.1−	940327	589	0.4+	0.2+	940331	589	0.1+ 1.0+
910930	413	0.5−	0.2−	940327	589	0.6+	0.0			
940318	589	0.2−	0.5−	940329	589	0.4+	0.6+			

3513 P-L = 1933 DA = 1974 DP$_2$ = 1976 OC$_1$ = 1989 SZ$_{12}$ = 1993 TP$_{39}$

Id. E. Bowell (k), G. V. Williams

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

M	357.89075		(2000.0)		**P**	**Q**
n	0.23789018	ω	90.63511		+0.77264079	−0.62206697
a	2.5795961	Ω	307.84042		+0.49972029	+0.71906113
e	0.0750114	i	9.23395		+0.39154289	+0.30981248
P	4.14	H	12.5	G	0.15	

Residuals in seconds of arc

330220	029	(5.5−	6.0+)Y	601024	675	1.0−	0.3+	890928	493	(3.5+ 2.0+)
330221	029	(13.9−	13.1+)Y	601025	675	0.3+	0.4+	891003	493	1.7+ 0.7−
601017	675	0.3+	0.3+	601025	675	1.1−	0.3+	891003	493	1.2+ 0.8+
601017	675	0.7+	0.9+	601026	675	0.2+	0.3−	931012	675	0.5− 0.6−
601017	675	1.4−	0.9+	740216	033	0.4−	0.8+	931012	675	0.9− 0.1−
601022	675	0.6−	0.3−	760729	095	0.4+	1.3+	931014	675	0.9− 1.1−
601022	675	0.6+	0.2−	890928	493	1.6+	0.6−	931014	675	0.5− 0.8−

2080 T-2 = 1956 AV = 1994 EE$_2$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Nakano

					P	Q
M	23.48050		(2000.0)			
n	0.26144625	ω	283.09819		−0.76796979	−0.63878264
a	2.4222248	Ω	217.23114		+0.61346775	−0.71267179
e	0.1077587	i	4.42505		+0.18406443	−0.28992355
P	3.77	H	13.5	G	0.15	

Residuals in seconds of arc

560110 388	0.2+	0.8+	730930 675	0.6+	1.8−	940314 894	0.9−	1.8−
730924 675	0.7−	3.3+	730930 675	1.1+	1.1−	940315 894	1.1+	2.2−
730924 675	1.4−	2.5+	731004 675	1.1+	1.1−	940315 894	0.8−	0.0
730925 675	0.1−	0.6+	731004 675	0.3+	1.3−	940331 894	0.7−	1.5+
730925 675	1.8−	0.9+	731005 675	0.2+	1.4−	940331 894	0.0	2.5+
730929 675	0.6+	0.7+	731005 675	0.7−	1.9−	940402 894	0.4+	0.7+
730929 675	1.1+	0.4+	940314 894	0.6+	1.2−	940402 894	0.1+	0.0

2084 T-2 = 1994 EX$_1$

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

					P	Q
M	19.86195		(2000.0)			
n	0.35884015	ω	317.65707		−0.81598576	−0.57600601
a	1.9612609	Ω	187.65198		+0.57776864	−0.81537900
e	0.0788384	i	21.51284		−0.01872538	−0.05808752
P	2.75	H	15.0	G	0.15	

Residuals in seconds of arc

730919 675	0.8+	0.9+	730929 675	1.1+	1.0−	731005 675	1.5−	1.6+
730919 675	1.5−	1.7+	730930 675	0.5+	0.3−	731005 675	0.5+	1.3−
730920 675	0.5−	1.2−	730930 675	0.4−	0.7−	731005 675	1.8−	0.3+
730924 675	0.5+	0.2−	731004 675	1.6+	0.7−	940309 675	0.3−	0.4−
730924 675	1.0+	0.5−	731004 675	1.2−	2.1+	940309 675	0.4+	0.5−
730925 675	0.3−	0.1+	731004 675	1.5+	0.3−	940311 675	0.7−	0.0
730925 675	1.8−	0.7−	731004 675	0.7−	1.4+	940311 675	0.6+	0.9+
730929 675	0.8+	0.3−	731005 675	1.3+	0.7−			

2285 T-2 = 1987 RE$_6$ = 1992 ST$_{23}$

Id. S. Nakano (*MPC* 15571, *MPC* 22695)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

					P	Q
M	91.50449		(2000.0)			
n	0.21033254	ω	43.38948		+0.59327757	−0.80449977
a	2.8002603	Ω	10.33050		+0.68868594	+0.48902865
e	0.1317173	i	9.08547		+0.41681339	+0.33709213
P	4.69	H	13.5	G	0.15	

Residuals in seconds of arc

730925 675	(3.8+	3.1−)	731005 675	1.6−	1.5−	920929 033	1.2−	1.0+
730925 675	(4.4+	2.4−)	870904 095	2.4−	2.5+	940309 010	0.5+	0.4+
730929 675	0.1−	0.6+	870924 095	0.2−	1.3+	940309 010	0.2−	0.8+
730929 675	0.3+	0.1+	870927 095	(3.3−	5.3+)	940309 010	0.8+	0.4−
730930 675	0.7+	1.0−	920923 033	0.1−	0.3+	940310 010	0.2−	0.9−
730930 675	1.5+	1.5−	920925 033	0.2−	0.6+	940310 010	1.2−	0.9−
731004 675	2.3+	2.1−	920925 033	0.1+	0.5+	940310 010	0.7−	0.7−
731004 675	2.8+	1.7−	920927 033	0.4−	1.7+			
731005 675	0.8−	1.1−	920928 033	0.0	0.3+			

2480 T-3 = 1983 DG

Id. C. M. Bardwell (*MPC* 12574)

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

					P	Q
M	286.09013		(2000.0)			
n	0.26499129	ω	236.71147		−0.62946696	+0.77689735
a	2.4005734	Ω	354.21566		−0.65778926	−0.54251673
e	0.1306404	i	8.10395		−0.41362377	−0.31954047
P	3.72	H	13.5	G	0.15	

Residuals in seconds of arc

771016 675	0.2+	0.5−	830308 046	(7.7−	1.0−)	830313 046	(7.7−	1.0−)
771016 675	0.1+	0.6−	830308 046	(6.2−	2.1−)	830313 046	(6.0−	0.7−)
771017 675	0.8−	0.0	830309 688	0.5−	2.0−	830316 688	1.5−	0.4−
771017 675	0.6−	0.5+	830309 688	0.6+	0.1−	830316 688	0.5−	0.8−
771021 675	0.5+	0.4−	830309 046	(3.2−	0.8−)	830401 688	1.9+	0.8−
771021 675	1.1+	1.8−	830309 046	1.6−	0.5+	830410 688	0.1−	0.4+
771022 675	0.3−	1.4+	830310 046	(5.9−	1.4+)	830410 688	0.2+	0.5+
771022 675	0.3+	0.5+	830310 046	(8.0−	0.3+)	940311 098	1.4+	0.0
830219 688	(0.6−	2.9−)	830312 046	(8.8−	0.1−)	940312 098	0.1−	2.1+
830219 688	(1.9+	2.4−)	830312 046	(11.6−	0.1−)	940312 098	0.2−	0.6+

3476 T-3 = 1993 YM

Epoch 1994 Feb. 17.0 TT = JDT 2449400.5 Williams

					P	Q
M	113.87993		(2000.0)			
n	0.31710566	ω	258.23935		+0.98962080	+0.14155718
a	2.1297733	Ω	93.61907		−0.12029597	+0.91024137
e	0.1281941	i	1.42067		−0.07861010	+0.38913007
P	3.11	H	14.0	G	0.15	

Residuals in seconds of arc

771007 675	0.9+	0.3−	771017 675	2.5−	0.2−	931217 411	1.5−	1.3+
771011 675	0.7−	1.6+	771017 675	1.2−	0.2+	931218 411	0.5+	0.1−
771011 675	0.1−	0.1−	771021 675	1.0−	0.7−	931218 411	0.3−	1.8−
771012 675	1.2+	1.2−	771021 675	0.8−	1.3+	931218 411	1.2+	0.5−
771012 675	1.3+	0.8−	771022 675	1.6+	0.5+	940119 411	0.1−	1.2+
771016 675	0.3−	0.4−	771022 675	2.5+	0.1−	940119 411	0.2−	0.6+
771016 675	0.9−	0.4+	931217 411	0.4−	1.3+	940119 411	0.7+	1.9−

Object	H	Epoch	M	ω	Ω	i	e	a	Obs.	Opp.	Arc	rms	Computer	*MPC*	Object
1936 SO	12.5	940217	55.64778	110.10908	334.79191	23.83257	0.0442756	1.8749363	27	3	1936–1994	0.77	Williams	23235	1936 SO
1938 HA	11.5	940217	294.77003	219.20993	40.02492	11.20582	0.2118601	3.1428711	25	6	1938–1994	0.86	Williams	22491	1938 HA
1948 AF	14.5	940217	331.03093	85.63559	111.17313	26.21967	0.0827710	1.8654409	22	4	1948–1994	0.86	Williams	22072	1948 AF
1949 PN	11.0	940217	53.48650	7.27158	325.92352	11.97246	0.1743849	2.6762140	22	4	1949–1993	0.59	Williams	23131	1949 PN
1957 JP	12.0	940217	187.00836	212.51770	54.61771	14.10215	0.1391809	2.6357950	16	3	1957–1993	0.69	Williams	22967	1957 JP
1970 OF	13.4	940217	95.14899	30.16418	321.77021	6.29716	0.3127902	2.6940865	9	4	1970–1994	1.58	Bowell	22072	1970 OF
1971 UN$_1$	13.0	940217	351.01183	208.79534	187.38811	1.36243	0.2140466	3.1562216	28	4	1971–1993	0.99	Williams	22696	1971 UN$_1$

1973 SK_1	11.5	940217	282.06171	111.91521	164.99305	9.27783	0.1261559	3.9803814	40	6	1973–1994	0.97	Williams	21963	1973 SK_1
1974 XT	13.5	940217	129.96302	277.48995	126.71460	23.01288	0.3026777	2.3588297	30	4	1974–1994	0.89	Williams	21963	1974 XT
1975 VW_2	13.5	940217	236.84016	148.34630	141.24779	4.81560	0.0909895	2.2491871	19	6	1950–1994	0.79	Williams	22823	1975 VW_2
1976 QN	14.0	940217	214.08005	285.07033	12.54028	0.15302	0.1471850	2.1555391	44	6	1973–1994	0.81	Williams	22270	1976 QN
1976 SZ_9	13.0	940217	357.04605	20.39438	11.92816	3.78469	0.2067660	3.1937700	40	4	1976–1993	1.17	Williams	22967	1976 SZ_9
1977 AL_1	12.5	940217	140.13524	252.89783	79.68433	11.17671	0.1598398	2.6138630	14	5	1975–1994	0.76	Bowell	21964	1977 AL_1
1977 DQ_3	13.5	940217	79.19756	7.69594	62.54601	2.17114	0.1599651	3.1470570	11	3	1975–1994	0.44	Williams	16021	1977 DQ_3
1977 EF_1	13.0	940217	340.01613	29.45279	186.88367	13.92136	0.0972420	2.6070267	19	4	1977–1994	0.89	Williams	21964	1977 EF_1
1977 RD_2	12.6	940217	70.76274	337.93690	50.54738	3.21001	0.1903016	2.9416737	15	6	1977–1994	0.75	Bowell	22073	1977 RD_2
1977 RQ_{19}	15.0	940217	154.34953	206.25294	159.25141	3.20192	0.0823106	2.3872327	12	4	1977–1994	0.98	Williams	21782	1977 RQ_{19}
1978 UK_7	15.0	940217	358.86041	199.19765	201.99226	1.64862	0.1757108	2.4358116	20	3	1978–1993	0.73	Williams	22696	1978 UK_7
1978 VP_2	14.0	940217	6.84553	219.86890	283.93988	1.89613	0.1817403	2.3597396	29	3	1978–1994	0.70	Williams	23235	1978 VP_2
1978 VK_8	14.0	940217	98.66951	319.12779	86.03963	2.21800	0.1604469	2.8146914	14	4	1978–1994	0.47	Williams	22073	1978 VK_8
1978 VE_{15}	14.0	940217	64.69101	320.56986	74.15592	3.17928	0.2079600	2.3802217	30	4	1978–1994	1.08	Williams	22967	1978 VE_{15}
1978 WC	14.5	940217	54.90553	316.09320	87.60297	8.61421	0.2189967	2.3869079	24	4	1952–1994	0.73	Williams	23245	1978 WC
1979 FQ_2	11.5	940217	267.75731	190.66452	58.13260	10.80919	0.0536768	2.9993284	18	7	1979–1994	0.98	Williams	21965	1979 FQ_2
1979 KO	11.5	940217	94.68851	295.47559	105.81579	19.05918	0.1863903	3.1815831	20	5	1979–1994	0.90	Williams	22073	1979 KO
1979 MZ_2	14.0	940217	33.74490	329.23940	154.75842	2.28476	0.0820935	2.5332524	19	5	1954–1994	0.76	Williams	22482	1979 MZ_2
1979 TS_2	12.5	940217	88.35541	230.62007	190.47207	4.62136	0.1144765	2.6543646	17	5	1949–1994	1.01	Nakano	23245	1979 TS_2
1979 XQ	13.7	940217	114.37107	326.77603	36.01546	3.62543	0.1309029	2.2597417	41	6	1950–1994	0.80	Bowell	22823	1979 XQ
1980 DD_1	13.0	940217	302.94994	209.20106	30.68101	9.64133	0.1025733	2.7800218	25	4	1952–1994	0.90	Williams	21929	1980 DD_1
1980 FH_2	14.0	940217	185.36342	349.32245	328.58343	3.56417	0.0738447	2.3374507	46	5	1978–1994	1.01	Williams	22074	1980 FH_2
1980 FW_2	13.5	940217	79.95297	290.91875	351.24345	0.33502	0.1413755	3.1624516	21	2	1980–1993	0.66	Williams	22948	1980 FW_2
1980 GO	13.0	940217	162.53871	53.21892	147.30937	1.79159	0.1056591	3.1722679	25	6	1953–1993	0.95	Williams	23132	1980 GO
1980 PX	15.0	940217	55.35773	176.05855	160.35346	2.21943	0.2381855	2.1875898	41	3	1980–1993	0.86	Williams	22598	1980 PX
1980 PZ	13.5	940217	203.73040	353.41485	323.02596	10.08345	0.1914766	2.4436626	22	3	1980–1994	0.98	Williams	21561	1980 PZ
1980 RP	12.3	940217	170.53729	344.42169	336.03971	17.06515	0.2145714	3.1181984	25	5	1950–1994	0.86	Bowell	22823	1980 RP
1981 EU_8	13.5	940217	67.43674	79.99475	323.67085	9.35335	0.1403822	2.7389773	45	4	1981–1994	0.95	Williams	22074	1981 EU_8
1981 EF_{18}	14.5	940217	31.19207	206.02014	184.08620	5.34109	0.0950796	2.3007021	26	3	1979–1993	1.14	Williams	22968	1981 EF_{18}
1981 EH_{19}	14.4	940217	292.36179	201.93514	2.73631	3.43783	0.0929754	2.2295016	29	4	1979–1994	0.79	Bowell	23132	1981 EH_{19}
1981 EQ_{24}	15.5	940217	255.90602	77.21408	199.09559	4.41665	0.1724446	2.2122225	30	3	1981–1994	0.81	Williams	22271	1981 EQ_{24}
1981 EA_{42}	16.0	940217	118.67154	218.28276	173.75126	7.59577	0.1073558	2.2078061	32	4	1981–1994	1.11	Williams	22697	1981 EA_{42}
1981 GG	13.5	940217	19.46822	128.85363	36.53228	14.16057	0.1802531	2.6490225	15	4	1955–1994	1.05	Williams	22483	1981 GG
1981 RG_5	13.0	940217	161.68963	328.26549	20.21034	6.97913	0.1535860	2.3602290	19	3	1981–1994	0.85	Nakano	22074	1981 RG_5
1981 SN_1	13.5	940217	119.68814	228.02927	145.83056	2.33687	0.3172880	3.0454901	21	6	1949–1994	0.98	Williams	22968	1981 SN_1
1981 TJ_4	12.0	940217	185.39095	299.68407	27.83127	11.10362	0.1121639	3.0336471	22	6	1954–1994	0.91	Williams	22075	1981 TJ_4
1981 UM_{22}	11.5	940217	308.14729	9.87097	154.00136	3.64572	0.0507518	3.1749525	24	8	1975–1993	0.84	Williams	22968	1981 UM_{22}
1981 UQ_{29}	13.4	940217	36.02542	179.08905	251.49298	1.25432	0.2021912	2.4676998	26	5	1971–1994	0.92	Nakano	23235	1981 UQ_{29}
1982 BE_1	13.3	940217	28.45851	301.91356	131.30795	6.48448	0.1894845	2.5542218	18	4	1982–1994	0.75	Bowell	22968	1982 BE_1
1982 BS_1	13.3	940217	89.11968	294.77610	151.43155	7.06114	0.1514741	2.4513011	13	5	1982–1994	0.80	Bowell	21968	1982 BS_1
1982 DK	13.0	940217	312.76810	83.49092	98.22115	12.23499	0.2610688	2.5933568	22	4	1982–1994	0.95	Williams	23245	1982 DK
1982 FN	13.8	940217	314.08520	33.32533	177.86773	26.59903	0.2088733	2.5548632	14	4	1982–1994	0.77	Bowell	21968	1982 FN
1982 SA_4	13.5	940217	146.52738	300.16433	34.01668	4.96228	0.1929366	2.2705325	17	6	1941–1994	0.91	Bowell	22075	1982 SA_4
1982 TB_2	13.5	940217	71.67794	162.47332	264.02035	4.51312	0.1001926	2.2899498	20	4	1973–1994	1.10	Williams	21968	1982 TB_2
1982 UD_2	12.5	940217	117.40707	327.13995	43.00824	2.60596	0.1338602	2.9237767	46	5	1982–1994	0.98	Williams	23245	1982 UD_2
1982 UQ_6	13.0	940217	107.21395	190.49325	217.58138	1.29050	0.0601689	2.8878802	22	6	1972–1994	0.83	Williams	22430	1982 UQ_6
1983 AN_2	11.5	940217	127.32715	292.34166	78.05806	11.11320	0.1329179	3.0247868	29	5	1978–1994	0.73	Williams	22271	1983 AN_2
1983 NR	12.5	940217	213.16953	352.01995	313.16816	15.40837	0.1316823	2.5571107	22	6	1961–1994	0.92	Williams	22076	1983 NR
1983 QE	13.5	940217	225.18072	138.74356	170.52604	13.90262	0.2067160	2.5429244	24	4	1983–1994	0.82	Williams	21969	1983 QE
1983 RY_4	12.0	940217	97.02865	103.60449	261.90910	8.79991	0.2365902	2.7571860	50	4	1983–1994	0.98	Williams	22968	1983 RY_4
1983 TH	13.5	940217	50.67492	329.91373	48.42976	7.55803	0.1744511	2.2091922	29	3	1983–1994	0.88	Williams	23245	1983 TH
1983 XH_1	12.5	940217	53.37401	265.85492	174.28626	7.65535	0.2051328	2.7978844	34	5	1978–1994	0.88	Williams	21969	1983 XH_1

1983 YK	12.5	940217	210.89782	356.83425	161.16278	9.92224	0.0354187	3.2366887	11	2	1983–1993	0.55	Williams	22589	1983 YK
1984 DY	12.5	940217	316.66610	128.11202	359.78360	0.72894	0.1358498	3.1396302	52	3	1984–1993	0.58	Williams	22968	1984 DY
1984 EG	13.9	940217	317.94635	86.87145	128.30837	5.93425	0.1100979	2.2215050	20	5	1982–1994	0.82	Bowell	23246	1984 EG
1984 JA_2	12.0	940217	264.89852	218.28367	55.50942	10.84379	0.0603108	3.0190910	25	5	1981–1994	0.75	Williams	22076	1984 JA_2
1985 FD	12.5	940217	330.29307	142.43349	93.35070	14.89988	0.1493417	2.6599202	16	4	1985–1994	0.41	Williams	21969	1985 FD
1985 JL	13.5	940217	353.94276	125.98329	76.57779	9.52397	0.2244315	2.7374889	30	6	1954–1994	1.00	Williams	20632	1985 JL
1985 RL_3	13.4	940217	248.09840	175.78645	83.32562	7.31486	0.1049143	2.2670567	35	5	1981–1994	0.79	Bowell	22968	1985 RL_3
1985 SJ_3	14.0	940217	276.38136	286.89922	333.22708	5.95892	0.1463577	2.2433490	12	5	1977–1994	0.62	Williams	22077	1985 SJ_3
1985 SL_3	14.5	940217	187.12043	26.88905	308.94953	5.30668	0.1878746	2.2725015	11	3	1978–1994	0.56	Williams	22698	1985 SL_3
1985 TM_1	13.0	940217	22.93319	31.19990	21.77012	11.54877	0.2181496	2.4794100	31	3	1985–1993	1.00	Williams	22698	1985 TM_1
1985 UQ	14.4	940217	146.25842	244.86816	89.15102	4.48681	0.1857085	2.3536158	18	5	1949–1994	0.70	Bowell	23132	1985 UQ
1985 UH_3	13.0	940217	99.19490	191.44648	147.54651	3.07155	0.2241946	2.4347677	18	5	1954–1993	0.70	Williams	22968	1985 UH_3
1986 EN	13.5	940217	4.47666	49.67149	155.67504	23.33765	0.2145865	2.4288277	18	3	1986–1994	0.94	Williams	22271	1986 EN
1986 EZ	12.5	940217	294.35068	182.91792	354.04886	12.66611	0.0855680	2.6548982	20	5	1949–1994	0.80	Williams	23246	1986 EZ
1986 EQ_5	11.5	940217	268.51747	213.99742	18.92937	12.25638	0.1316556	2.6661408	21	4	1951–1994	0.69	Williams	23246	1986 EQ_5
1986 QE_2	15.0	940217	63.44175	232.52137	117.38361	3.91280	0.1424917	2.2482434	44	3	1986–1993	0.65	Williams	23246	1986 QE_2
1986 RD_5	12.7	940217	130.53390	358.94952	349.07810	3.62476	0.1319504	3.0654012	29	4	1982–1994	0.47	Bowell	23132	1986 RD_5
1986 TC	14.0	940217	45.21796	358.21368	349.87551	5.64321	0.1530566	2.3200188	23	2	1986–1993	0.72	Williams	22950	1986 TC
1986 TZ_1	13.4	940217	93.74779	285.81238	88.57915	5.37130	0.2189855	2.1967145	21	8	1952–1994	0.69	Bowell	22493	1986 TZ_1
1987 DF	12.5	940217	267.43724	88.60064	160.10707	23.02903	0.2235584	2.3583038	84	4	1987–1994	0.70	Williams	22078	1987 DF
1987 EV	13.5	940217	333.92661	269.77069	308.07891	4.06891	0.1113369	2.2704803	54	10	1951–1994	0.59	Williams	22599	1987 EV
1987 HA	14.5	940217	22.95074	71.14021	71.45944	23.18885	0.3051174	2.2801894	15	4	1987–1994	0.56	Williams	22078	1987 HA
1987 HS	13.5	940217	264.08951	163.15514	137.93578	24.02676	0.1680286	2.3186892	29	6	1983–1994	0.91	Williams	22272	1987 HS
1987 QN	10.0	940217	154.65406	218.81717	147.51741	20.32922	0.0580257	5.3018439	31	3	1987–1994	1.05	Williams	22951	1987 QN
1987 QS_1	13.0	940217	321.28333	248.18887	329.05369	6.53487	0.1717031	2.4480995	40	6	1954–1994	1.00	Nakano	22824	1987 QS_1
1987 QR_{11}	12.0	940217	314.87276	271.07415	302.18245	8.05915	0.1270504	2.5994723	10	5	1952–1994	1.36	Williams	22224	1987 QR_{11}
1987 RT_3	13.0	940217	354.07693	189.12970	318.56222	7.93527	0.0923258	2.8039644	19	4	1985–1994	0.78	Williams	23132	1987 RT_3
1987 SH_7	14.0	940217	145.20763	54.00240	289.81805	18.67436	0.0790665	1.9394847	11	2	1987–1994	0.99	Bowell	22951	1987 SH_7
1987 UN	11.5	940217	198.46548	315.65673	52.35604	14.43329	0.1860383	2.6034117	24	4	1987–1994	0.76	Williams	21971	1987 UN
1987 VT	12.0	940217	184.67486	272.07549	54.80999	17.64353	0.1803929	2.7821866	25	6	1980–1994	0.83	Williams	21971	1987 VT
1987 VU	12.5	940217	154.53382	322.62511	65.60035	8.93986	0.1677967	2.7233466	20	5	1960–1994	1.06	Williams	21971	1987 VU
1987 VA_1	11.5	940217	281.36988	178.63656	32.20906	13.92383	0.0802286	2.9859471	29	5	1971–1994	0.89	Williams	23246	1987 VA_1
1987 WT_1	13.1	940217	349.19880	40.39699	94.78491	4.59740	0.0919814	3.2046331	13	3	1987–1994	0.46	Bowell	19021	1987 WT_1
1988 JN	12.0	940217	338.62604	103.18615	150.44637	22.91236	0.1188289	3.2272098	19	4	1988–1994	0.88	Williams	22079	1988 JN
1988 LC	12.5	940217	157.75593	50.78283	162.09986	13.28999	0.1803989	2.6151908	20	4	1958–1993	0.82	Williams	22951	1988 LC
1988 PX_1	13.0	940217	192.70446	177.91641	159.81771	7.06081	0.1307137	2.3478840	23	3	1988–1994	0.72	Williams	22952	1988 PX_1
1988 RH_{12}	12.5	940217	152.91936	198.54609	168.21344	9.48880	0.1252675	5.2529970	20	4	1988–1994	0.42	Williams	21972	1988 RH_{12}
1988 SC	13.2	940217	52.40030	69.05454	0.85961	12.98410	0.1555951	2.5691883	27	4	1951–1994	0.90	Bowell	23246	1988 SC
1988 TD	13.5	940217	161.02907	68.40643	283.65589	1.48703	0.1997581	2.4439097	36	4	1969–1994	1.12	Williams	22079	1988 TD
1988 TN	12.9	940217	140.83347	17.00284	12.86017	5.29788	0.0604358	2.4310316	33	3	1988–1994	1.10	Nakano	22079	1988 TN
1988 VP	12.5	940217	121.75444	344.64179	54.53542	14.40475	0.0664055	2.5372172	45	5	1984–1994	0.73	Williams	22080	1988 VP
1988 VQ_2	12.5	940217	105.18964	287.41536	57.54104	17.54411	0.2846789	2.7141165	40	3	1988–1994	0.89	Williams	23133	1988 VQ_2
1988 XX_1	12.5	940217	144.18858	349.51662	25.56569	14.45415	0.1877670	2.5826611	18	3	1988–1994	0.64	Williams	21972	1988 XX_1
1989 AG	12.5	940217	47.49760	37.93842	95.14159	12.81304	0.1389123	2.6678791	27	4	1979–1994	1.09	Williams	21261	1989 AG
1989 AL_7	13.0	940217	154.91495	199.02878	150.52427	2.54387	0.0924412	2.8900146	23	4	1972–1994	0.46	Williams	23246	1989 AL_7
1989 CL_3	12.5	940217	109.37958	147.15295	242.21545	6.82155	0.2277331	2.8043067	36	6	1978–1994	1.06	Williams	21972	1989 CL_3
1989 EC	13.0	940217	58.94175	97.98783	341.07937	22.67139	0.0736507	1.8705680	25	3	1989–1994	1.03	Williams	23246	1989 EC
1989 EQ	12.0	940217	42.23135	119.64607	314.59513	8.23967	0.1899584	3.0512709	25	6	1974–1994	0.83	Williams	22431	1989 EQ
1989 EJ_1	14.5	940217	134.76184	76.64047	167.03604	4.16091	0.1178923	2.1698328	18	2	1989–1993	0.99	Williams	22699	1989 EJ_1
1989 EC_2	12.0	940217	268.22461	205.73458	23.27115	5.68169	0.1161250	3.1494649	55	4	1987–1994	0.88	Williams	23246	1989 EC_2
1989 GB_1	12.0	940217	32.15677	247.06909	223.04216	5.53603	0.0963025	3.1705894	35	7	1951–1994	0.88	Williams	21973	1989 GB_1
1989 NB_1	11.0	940217	305.42534	146.57274	135.79049	17.89006	0.1091960	3.1843127	24	6	1949–1994	0.89	Williams	22081	1989 NB_1

1989 NK_1	12.5	940217	63.02652	267.46877	120.19122	8.73068	0.3022700	2.2707232	34	4	1955–1994	0.65	Williams	23246	1989 NK_1
1989 SF	14.0	940217	99.83238	92.28764	325.93306	3.75350	0.0880440	2.1584026	54	3	1989–1994	0.93	Williams	23246	1989 SF
1989 SL_1	13.5	940217	335.13116	37.54039	121.90932	4.71970	0.0555431	2.2201947	27	5	1984–1994	0.76	Williams	22969	1989 SL_1
1989 TO	13.0	940217	45.29500	98.31335	340.88938	21.79739	0.2983766	2.3336681	22	2	1989–1994	0.76	Williams	23237	1989 TO
1989 TX_{15}	13.5	940217	312.56304	147.02145	16.20685	5.70403	0.0845797	2.2643001	25	4	1986–1993	0.54	Williams	22969	1989 TX_{15}
1989 UE	14.0	940217	70.44501	324.23049	68.31678	3.23351	0.2273071	2.3580740	17	2	1989–1994	0.69	Williams	23237	1989 UE
1989 US	13.5	940217	132.21961	330.34270	43.67282	4.32281	0.1542487	2.1885869	39	6	1973–1994	0.90	Williams	21973	1989 US
1989 UA_3	15.5	940217	113.45499	193.14971	190.92694	2.47453	0.1661469	2.2479933	21	3	1989–1994	0.88	Williams	23246	1989 UA_3
1989 YH_1	13.5	940217	1.21752	201.60970	324.33092	1.63462	0.1470599	2.4021242	29	8	1953–1994	0.96	Williams	23246	1989 YH_1
1989 YA_2	14.0	940217	6.72203	200.74195	280.10642	5.31664	0.1764477	2.5301364	28	3	1980–1994	0.90	Marsden	23246	1989 YA_2
1990 BZ	13.3	940217	62.08902	105.68696	310.59405	14.31643	0.0837799	2.5346440	17	4	1982–1994	0.79	Bowell	23246	1990 BZ
1990 BH_1	13.1	940217	319.47735	87.28132	71.17724	5.63224	0.1513640	2.6391515	18	5	1950–1990	0.90	Bowell	22600	1990 BH_1
1990 BB_2	12.9	940217	352.17918	189.05641	305.37965	11.12074	0.1069043	2.5937671	13	3	1973–1994	0.70	Bowell	22953	1990 BB_2
1990 FR	12.5	940217	344.69500	58.58292	115.07910	13.73491	0.3027417	2.5905201	33	3	1986–1994	0.82	Williams	23133	1990 FR
1990 HK	12.4	940217	16.66710	324.60333	197.97730	12.90616	0.1121075	2.5664875	20	5	1954–1994	1.40	Nakano	22970	1990 HK
1990 HM_1	11.2	940217	309.84184	55.07258	77.39706	10.80071	0.1266768	3.1564344	17	5	1978–1993	0.94	Nakano	22970	1990 HM_1
1990 KG	12.5	940217	322.98225	107.29369	114.35577	16.41806	0.2068491	2.6480783	20	3	1985–1994	0.85	Williams	22082	1990 KG
1990 KC_1	13.5	940217	21.59343	59.45316	111.30123	14.42243	0.0928015	2.5685116	9	4	1977–1994	0.70	Williams	18295	1990 KC_1
1990 UR_1	13.6	940217	95.80240	150.74493	234.42853	20.45898	0.1476915	1.9101052	38	3	1990–1994	0.75	Bowell	22970	1990 UR_1
1991 CU_1	14.0	940217	317.19226	228.00178	276.89476	3.87452	0.1323478	2.2861761	23	6	1955–1993	0.89	Williams	22970	1991 CU_1
1991 CM_5	14.0	940217	302.14171	109.90311	125.93858	24.10478	0.0552455	1.9416673	28	5	1987–1994	1.08	Williams	23247	1991 CM_5
1991 FC	13.5	940217	47.44540	334.86164	189.02874	23.72167	0.0256488	1.9087937	33	4	1989–1994	0.84	Williams	22826	1991 FC
1991 GR	11.0	940217	82.47530	0.20542	19.53502	15.61448	0.1238265	2.5630916	12	3	1972–1994	0.78	Williams	23123	1991 GR
1991 GB_3	13.0	940217	192.92357	159.84377	19.87274	0.80275	0.1206724	3.2166587	37	2	1991–1993	0.98	Williams	22970	1991 GB_3
1991 GY_4	15.2	940217	258.26915	196.31084	59.06751	2.07923	0.0642366	2.2387804	30	2	1991–1994	1.25	Nakano	23238	1991 GY_4
1991 GC_6	14.5	940217	75.37152	44.25393	26.49055	7.19386	0.1109772	2.2057530	21	3	1989–1994	1.29	Williams	18637	1991 GC_6
1991 GU_9	13.0	940217	120.10474	262.13758	96.27223	11.81208	0.0937471	2.4895655	21	4	1986–1994	0.74	Williams	18440	1991 GU_9
1991 GP_{10}	14.3	940217	110.16390	215.13010	115.97805	3.70596	0.0504447	2.6446493	27	6	1954–1993	0.79	Bowell	22970	1991 GP_{10}
1991 JA	13.9	940217	294.79005	158.85025	58.89191	7.78448	0.0662798	2.2882836	25	3	1984–1994	1.01	Nakano	23247	1991 JA
1991 JH_1	13.5	940217	279.66303	83.61809	147.92712	2.66599	0.1910649	2.3451238	22	5	1951–1994	0.87	Marsden	23134	1991 JH_1
1991 JS_1	13.5	940217	272.70596	166.26826	122.72179	4.32626	0.1633888	2.2033194	43	6	1978–1994	0.82	Williams	21975	1991 JS_1
1991 NQ	12.5	940217	288.34238	313.85590	294.79056	22.10272	0.1975410	2.3858116	18	3	1990–1994	0.95	Williams	23134	1991 NQ
1991 NU	12.0	940217	218.18869	62.90519	229.10497	14.34963	0.1246715	2.5927321	18	3	1991–1994	0.71	Williams	22083	1991 NU
1991 NS_1	13.5	940217	250.48537	126.62784	173.18813	6.62951	0.1750891	2.4322771	21	3	1987–1994	1.05	Williams	23247	1991 NS_1
1991 NR_2	14.0	940217	212.91490	27.81005	287.08634	17.28358	0.4043659	2.6609961	29	3	1982–1994	0.61	Williams	23247	1991 NR_2
1991 NT_2	12.0	940217	241.32479	0.69347	290.66316	12.32177	0.1655560	2.5991266	21	5	1953–1994	0.70	Williams	22273	1991 NT_2
1991 PZ_{11}	13.0	940217	303.74573	284.57247	305.23664	11.59080	0.1297762	2.6489636	11	3	1991–1994	0.59	Williams	22232	1991 PZ_{11}
1991 PS_{12}	12.0	940217	65.20218	323.24425	153.55952	13.85794	0.0793996	2.6812340	21	6	1974–1994	0.96	Williams	22232	1991 PS_{12}
1991 QC	12.9	940217	253.08327	58.33010	229.57675	3.62215	0.1604536	2.5582568	22	5	1951–1994	0.79	Nakano	22600	1991 QC
1991 RW_4	14.0	940217	234.16378	307.29398	1.72975	8.89428	0.1555555	2.7739618	33	5	1971–1994	0.81	Williams	22084	1991 RW_4
1991 RD_{12}	13.5	940217	111.93694	282.35142	127.33796	3.34155	0.1173948	2.8345559	20	4	1953–1994	0.84	Williams	23134	1991 RD_{12}
1991 RE_{16}	11.8	940217	309.75077	61.00373	152.97927	11.02691	0.0415741	2.9907537	19	2	1991–1994	0.63	Nakano	23239	1991 RE_{16}
1991 RY_{16}	12.5	940217	309.17450	163.37303	62.90138	7.25839	0.0702735	2.8484573	19	6	1955–1994	0.77	Williams	22233	1991 RY_{16}
1991 RX_{23}	13.0	940217	123.75784	36.08711	355.89331	9.54500	0.0355605	3.0169742	19	4	1981–1994	0.71	Williams	23247	1991 RX_{23}
1991 RB_{25}	13.2	940217	242.96355	273.46937	61.19550	9.87136	0.0828969	2.5725967	16	4	1954–1991	0.64	Bowell	22084	1991 RB_{25}
1991 SV	12.5	940217	153.96906	311.75835	71.48557	10.25753	0.0876695	2.8108529	15	3	1991–1994	0.63	Williams	23247	1991 SV
1991 SY	13.0	940217	294.07768	207.68758	29.15965	13.66968	0.1283371	2.6826200	15	4	1981–1994	0.74	Williams	19315	1991 SY
1991 UZ_2	11.5	940217	347.59712	48.74960	158.35767	1.85380	0.1567225	3.1255253	37	7	1955–1994	0.96	Williams	22494	1991 UZ_2
1992 CC_1	14.5	940217	190.55918	21.88812	349.32483	36.89620	0.3749752	1.3915698	48	3	1976–1994	0.80	Williams	23247	1992 CC_1
1992 JB	18.0	940217	0.67059	306.76152	218.53155	16.06531	0.3599029	1.5566591	56	3	1992–1994	0.76	Williams	23134	1992 JB
1992 JN_1	13.0	940217	102.03197	217.95951	90.82356	13.54285	0.1744366	2.5903760	31	3	1989–1993	0.88	Williams	22955	1992 JN_1
1992 OG_2	13.5	940217	49.13854	280.28607	130.61289	5.23924	0.1356308	2.6380545	14	4	1954–1992	0.72	Bowell	22057	1992 OG_2

1992 PV	15.0	940217	104.82025	173.75384	202.52967	2.51453	0.0716184	2.3180274	16	2	1992–1994	0.83	Marsden	23247	1992 PV
1992 PA_2	15.5	940217	141.05802	42.00190	307.31502	5.67831	0.2175375	2.2609367	26	2	1992–1994	0.93	Williams	23239	1992 PA_2
1992 RT	13.0	940217	85.19248	256.06968	126.68534	2.93714	0.0742157	2.8804895	25	4	1982–1994	0.70	Williams	21267	1992 RT
1992 RZ_5	14.0	940217	336.75773	77.56933	83.18765	3.06186	0.1649357	2.4041717	16	2	1992–1994	0.60	Bowell	22957	1992 RZ_5
1992 SG	12.5	940217	56.92346	84.35293	359.46217	14.97965	0.0917788	2.5509089	20	5	1970–1994	0.83	Williams	22971	1992 SG
1992 SN_1	12.5	940217	103.58286	26.88604	11.69511	15.13511	0.2094083	2.5710534	25	3	1990–1994	1.10	Williams	21977	1992 SN_1
1992 SR_2	12.0	940217	224.26631	235.59209	17.83126	13.37326	0.1411760	2.6810597	23	4	1942–1994	0.60	Williams	21977	1992 SR_2
1992 SY_{14}	13.5	940217	113.21352	163.68752	239.55912	7.70184	0.1085023	2.2737882	12	3	1982–1994	1.11	Williams	21118	1992 SY_{14}
1992 SW_{17}	11.5	940217	114.43754	94.08049	281.17668	14.01915	0.1561781	2.7466279	15	2	1992–1994	0.65	Williams	23124	1992 SW_{17}
1992 UU	13.5	940217	130.95144	358.09122	24.55392	9.53271	0.0981057	2.4724947	27	5	1953–1994	0.89	Williams	23240	1992 UU
1992 UB_1	13.0	940217	214.46097	45.80139	247.04906	6.63782	0.1334575	2.3349909	20	5	1974–1994	0.72	Williams	22085	1992 UB_1
1992 UB_2	13.5	940217	158.43435	204.47312	156.76485	3.94039	0.1695979	2.2769972	22	5	1977–1994	1.03	Williams	22085	1992 UB_2
1992 UC_4	12.5	940217	30.08927	349.44815	121.35248	3.86015	0.1267474	3.0950206	18	5	1981–1994	1.01	Williams	21590	1992 UC_4
1992 UG_4	12.5	940217	140.59144	271.62143	62.34823	6.77078	0.1623198	3.0039175	14	4	1971–1994	0.73	Williams	21590	1992 UG_4
1992 UT_4	12.5	940217	135.67736	355.33415	41.27689	9.17558	0.0867122	2.3854810	28	6	1933–1994	0.80	Williams	22085	1992 UT_4
1992 VM	15.0	940217	98.86391	254.05044	149.67422	11.24232	0.5087743	2.7682699	51	3	1984–1994	0.68	Williams	22488	1992 VM
1992 WT	13.0	940217	281.92105	204.89472	58.80931	6.66424	0.1122045	2.2297387	36	10	1951–1994	1.00	Williams	22274	1992 WT
1993 GY	12.8	940217	102.26812	89.85995	64.32512	14.77925	0.1114292	2.5623074	17	3	1954–1993	0.78	Bowell	22488	1993 GY
1993 HA_2	9.5	940217	5.86823	170.76001	31.33161	15.63322	0.5234920	24.8026136	42	2	1993–1994	0.46	Williams	23240	1993 HA_2
1993 OZ_2	14.5	940217	22.72572	247.65950	117.51900	21.74975	0.4340909	2.9945566	23	1	242 days	0.88	Williams	23135	1993 OZ_2
1993 PJ_7	13.0	940217	57.72217	338.55470	333.39929	2.19495	0.0410375	3.0148661	16	2	1991–1993	0.66	Williams	22691	1993 PJ_7
1993 QD_4	15.0	940217	38.34881	8.35636	348.40110	2.69913	0.1185407	2.2952773	19	2	1971–1993	0.88	Williams	22959	1993 QD_4
1993 QZ_5	13.5	940217	275.16694	292.13695	171.07623	2.10118	0.0318226	2.8678193	16	2	1991–1993	0.95	Williams	22959	1993 QZ_5
1993 TA	13.0	940217	5.99057	271.62260	158.01266	28.55396	0.4200733	2.7605451	28	3	1985–1994	0.97	Williams	23135	1993 TA
1993 TC_3	15.0	940217	53.30730	193.29775	166.32152	2.39414	0.2076040	2.2114017	21	3	1980–1993	1.20	Williams	23247	1993 TC_3
1993 UB	17.0	940217	24.17965	20.74648	31.51763	25.03898	0.4607036	2.2763444	73	1	133 days	0.74	Williams	23247	1993 UB
1993 UC	15.5	940217	359.50399	322.95388	166.14379	25.98874	0.6624167	2.4382096	75	1	159 days	0.77	Williams	23248	1993 UC
1993 UB_3	13.2	940217	349.19132	171.28350	240.30926	5.61557	0.0866496	2.3621577	18	4	1975–1993	1.49	Bowell	22820	1993 UB_3
1993 VA	17.0	940217	32.29228	336.39425	133.28061	7.25561	0.3910999	1.3560808	36	3	1963–1994	0.86	Williams	23248	1993 VA
1993 VB	19.5	940217	15.31631	322.63685	145.94852	5.05804	0.5192431	1.9101973	40	1	134 days	0.68	Williams	23248	1993 VB
1993 VM_1	14.0	940217	21.54107	264.80769	170.66764	23.14808	0.1398706	1.9099992	30	2	1990–1994	0.62	Williams	23248	1993 VM_1
1993 VC_5	14.5	940217	15.56623	250.97605	162.40443	21.62494	0.3260199	2.3708161	20	2	1986–1994	0.53	Williams	23240	1993 VC_5
1993 VV_7	13.5	940217	17.52318	301.20744	110.52398	33.54122	0.3367462	2.7346000	22	1	129 days	0.40	Williams	23248	1993 VV_7
1993 XN_2	16.0	940217	44.33491	312.91318	59.74906	25.39206	0.5358795	2.1173829	26	1	85 days	0.59	Williams	23127	1993 XN_2
1994 AB	13.0	940217	123.95696	26.97324	299.20009	1.43710	0.0500759	2.8750046	28	5	1978–1994	0.98	Williams	23241	1994 AB
1994 AO	10.7	940217	0.43543	250.20538	206.59156	16.81348	0.1873485	3.9674330	29	5	1953–1994	0.48	Bowell	23248	1994 AO
1994 AB_1	16.0	940217	22.61353	342.43561	67.12073	4.52946	0.5919600	2.8423740	41	1	73 days	0.65	Williams	23241	1994 AB_1
1994 AW_1	17.5	940217	169.48063	37.08488	290.46509	24.09416	0.0753037	1.1045559	150	1	74 days	0.67	Williams	23248	1994 AW_1
1994 AF_2	11.9	940217	100.82637	268.84225	108.20790	16.38569	0.0774888	3.1981412	13	3	1977–1994	0.64	Bowell	23128	1994 AF_2
1994 AH_2	15.5	940217	342.51196	24.81440	164.39360	9.62972	0.7114953	2.5257697	49	1	82 days	0.68	Williams	23242	1994 AH_2
1994 AE_{11}	15.0	940217	57.21214	346.41385	77.78725	4.73545	0.1490308	2.4812904	13	3	1971–1994	0.55	Williams	23242	1994 AE_{11}
1994 BF	14.0	940217	44.87495	298.81102	140.14506	7.86040	0.1904711	2.3232984	31	3	1975–1994	0.82	Williams	23248	1994 BF
1994 BH	13.5	940217	20.57200	347.75238	121.88318	7.17559	0.2275335	2.6261238	24	2	1977–1994	0.71	Williams	23248	1994 BH
1994 BL_4	14.4	940217	20.03725	130.73260	328.47500	11.91900	0.2124807	2.6386599	20	3	1977–1994	0.83	Bowell	23248	1994 BL_4
1994 CA	13.9	940217	98.80185	56.10596	333.14766	21.65823	0.0891063	1.9387560	43	3	1986–1994	1.07	Bowell	23248	1994 CA
2140 P-L	13.0	940217	104.79291	2.61011	355.05262	10.32790	0.2199859	2.7619866	22	4	1960–1994	0.55	Williams	21977	2140 P-L
2197 P-L	14.0	940217	266.11882	90.19849	194.04286	4.20552	0.1771958	2.4770429	17	4	1960–1994	0.65	Williams	21977	2197 P-L
2550 P-L	15.0	940217	256.06034	227.34330	57.42657	2.13309	0.2061763	2.3041097	15	4	1960–1994	0.40	Williams	22086	2550 P-L
6055 P-L	15.7	940217	60.15822	76.22003	327.48481	1.87224	0.2145492	2.3541083	17	3	1960–1994	0.49	Bowell	23130	6055 P-L
9512 P-L	13.5	940217	301.81713	80.57702	129.47226	1.79519	0.1267087	2.1694298	24	4	1960–1994	0.86	Williams	23248	9512 P-L
2218 T-1	14.0	940217	186.50590	280.80639	68.49891	3.42490	0.1382106	2.2100541	15	3	1971–1994	0.97	Williams	21278	2218 T-1
2245 T-1	15.0	940217	67.43486	8.22137	68.14514	3.35642	0.1473390	2.4588401	21	3	1971–1994	0.73	Williams	22597	2245 T-1

4277 T-1	12.0	940217	157.21310	182.85492	174.56431	8.13008	0.0225129	3.2493548	28	5	1950–1994	0.97	Williams	23248	4277	T-1
4862 T-1	12.5	940217	57.27985	292.55744	185.44866	11.34159	0.1970842	2.7542647	18	6	1971–1994	0.93	Williams	21602	4862	T-1
1001 T-2	13.5	940217	303.79356	261.15619	179.49506	2.24291	0.1030230	2.9446463	24	2	1973–1993	0.85	Williams	22701	1001	T-2
2144 T-2	14.5	940217	95.04434	279.31419	357.64816	4.45419	0.1318831	2.5348437	29	3	1973–1993	1.32	Williams	22972	2144	T-2
2908 T-2	14.3	940217	317.70472	345.40591	195.11100	5.94816	0.0832165	2.4393220	20	6	1973–1994	0.69	Bowell	21978	2908	T-2
3067 T-2	14.9	940217	292.45063	60.63445	132.43074	2.20996	0.0679446	2.1769305	29	5	1954–1988	1.35	Bowell	22701	3067	T-2
2400 T-3	13.5	940217	302.75402	253.71328	317.89947	3.55270	0.0019517	2.4102896	32	5	1954–1994	1.17	Williams	21954	2400	T-3
4045 T-3	13.5	940217	306.73466	111.04331	115.78170	5.70696	0.1106519	2.3812351	26	5	1977–1994	1.15	Williams	22088	4045	T-3
4317 T-3	12.5	940217	179.68660	167.78675	171.39428	9.55478	0.1018929	5.1556740	26	4	1977–1994	0.99	Williams	22088	4317	T-3
4369 T-3	12.5	940217	145.57622	212.02035	164.55988	8.71658	0.0770870	5.1914129	24	4	1977–1994	0.58	Williams	22088	4369	T-3
5182 T-3	11.2	940217	275.89025	180.71169	171.20673	17.87082	0.1033823	3.3177948	55	5	1954–1993	0.61	Bowell	22972	5182	T-3

NEW NAMES OF MINOR PLANETS

(3229) Solnhofen = A916 PC

Discovered 1916 Aug. 9 by H. Thiele at Bergedorf.

The rocks around the limestone quarry at Solnhofen, Bavaria, consist of fossilized reefs. It seems that during the Upper Jurassic this region was covered by lagoons, in which limy sediments slowly accumulated to form very fine-grained limestones. This slow accumulation permitted the remarkable preservation of fossils—even internal organs and soft-bodied creatures are preserved in exquisite detail. The most famous specimen to come from Solnhofen was one of the few complete examples of Archaeopteryx, the earliest known flying vertebrate. Name proposed by G. V. Williams, the identifications for this object having been made by C. M. Bardwell.

(3438) Inarradas = 1974 SD_5

Discovered 1974 Sept. 21 at the El Leoncito Station of the Felix Aguilar Observatory.

Named for the Instituto Argentino de Radioastronomia, founded in 1962, for its outstanding contributions to astronomy.

(4188) Kitezh = 1979 HX_4

Discovered 1979 Apr. 25 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named for the Old Russian epic town of Kitezh. As legend tells, Kitezh was a beautiful and prosperous town located near Lake Svetloyar. When troops of the Tartar khan Batyj assaulted the town, the citizens fought bravely and all fell in battle. But the town was not seized by the invaders, for it disappeared under the lake waters. Since that time, if one listens attentively, it is possible to hear the sound of the town bells under the lake waters.

(4189) Sayany = 1979 SV_9

Discovered 1979 Sept. 22 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named for the mountain chain in the southern part of Siberia.

(4233) Pal'chikov = 1977 RO_7

Discovered 1977 Sept. 11 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in memory of Nikolaj Borisovich Pal'chikov (1913–1937), a student in the astronomy department at Leningrad University. He wanted to specialize in celestial mechanics and was invited by M. Subbotin to pursue post-graduate studies. Along with other Leningrad astronomers, Nikolaj was killed during one of Stalin's purges.

(4234) Evtushenko = 1978 JT_1

Discovered 1978 May 6 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Evgenij Aleksandrovich Evtushenko (1933–), well-known Russian poet.

(4306) Dunaevskij = 1976 SZ_5

Discovered 1976 Sept. 24 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in memory of Isaak Osipovich Dunaevskij (1900–1955), prominent Soviet composer well known for his many operettas, songs and film scores.

(4315) Pronik = 1979 SL_{11}

Discovered 1979 Sept. 24 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Vladimir Ivanovich Pronik (1932–) and Iraida Ivanovna Pronik, husband and wife, astronomers at the Crimean Astrophysical Observatory for more than 40 years. The Proniks, members of IAU Commmission 28 (Galaxies), are known for their research on the gaseous and stellar components of galaxies and the nature of active galactic nuclei. V. I. Pronik is a prominent expert on astronomical instruments.

(4316) Babinkova = 1979 TZ_1

Discovered 1979 Oct. 14 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Artur Nikolaevich Babin (1936–) and Aleksandra Nikolaevna Koval', husband and wife, solar astrophysicists at the Crimean Astrophysical Observatory for more than 35 years, known for their research on the fine structure of active solar features.

(4389) Durbin = 1976 GL_3

Discovered 1976 Apr. 1 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Deanna Durbin (1921–), talented Canadian-born American cinema actress, who played in many films in the 1930s and 40s. She was sensationally popular in America and Europe and later on in Russia.

(4429) Chinmoy = 1978 RJ_2

Discovered 1978 Sept. 12 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Sri Chinmoy, Bengali poet, artist and philosopher, preacher of peace, who travels the world, inspiring peace-loving peoples with his music, poetry and works of art. Name proposed by some Russian admirers of Sri Chinmoy.

(4466) Abai = 1971 SX$_1$

Discovered 1971 Sept. 23 at the Crimean Astrophysical Observatory.

Named in honor of Abai Kunanbaev (1845–1904), Kazakh poet, philosopher and enlightener, founder of Kazakh literature, and translator of the works of I. A. Krylov, A. S. Pushkin and M. Yu. Lermontov.

(4468) Pogrebetskij = 1976 SZ$_3$

Discovered 1976 Sept. 24 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in memory of Mikhail Timofeevich Pogrebetskij (1892–1956), well-known Ukrainian traveller and alpinist. He was the first to climb Khan Tengri, one of the highest mountains of Tien Shan. The name was suggested by the Alpinist Club of the Crimea.

(4470) Sergeev-Censkij = 1978 QP$_1$

Discovered 1978 Aug. 31 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in memory of Sergej Nikolaevich Sergeev-Censkij (real name Sergeev) (1875–1958), famous Russian writer. He lived and worked in the Crimea and was the author of a multi-volume work on Russian history.

(4472) Navashin = 1980 TY$_{14}$

Discovered 1980 Oct. 15 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Mikhail Sergeevich Navashin (1896–1973), prominent Soviet cytologist, who was one of the first to undertake detailed research of human chromosomes. An outstanding amateur astronomer, Navashin was the father of amateur telescope making in the Soviet Union. He made several telescopes and wrote several books to aid amateur observers and telescope makers.

(4480) Nikitibotania = 1985 QM$_4$

Discovered 1985 Aug. 24 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named for the Nikitian State Botanical Gardens, located in southern Crimea and founded in 1812 by well-known Russian botanist C. C. Steven.

(4518) Raikin = 1976 GP$_3$

Discovered 1976 Apr. 1 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in memory of Arkadij Isaakovich Raikin (1911–1987), outstanding actor and performer of satirical sketches and monologues, master of quick transformations, founder and leader of the State Theatre of Miniature.

(4519) Voronezh = 1976 YO$_4$

Discovered 1976 Dec. 18 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named for the Russian city, founded before 1177. A large industrial and cultural center, Voronezh was the site where Peter the First built the Azov Fleet in 1695–1696, and the birthplace of the well-known Russian poets A. V. Kol'tsov (1809–1842) and I. S. Nikitin (1824–1861).

(4520) Dovzhenko = 1977 QJ$_3$

Discovered 1977 Aug. 22 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Aleksandr Petrovich Dovzhenko (1894–1956), well-known Ukrainian cinema producer and writer, one of the founders of Soviet cinematography.

(4521) Akimov = 1979 FU$_2$

Discovered 1979 Mar. 29 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Nikolaj Pavlovich Akimov (1901–1968), prominent Soviet theater producer and painter, an art advisor at the Leningrad Theatre of Comedy for many years.

(4534) Rimskij-Korsakov = 1986 PV$_4$

Discovered 1986 Aug. 6 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Nikolaj Andreevich Rimskij-Korsakov (1844–1908), famous Russian composer.

(4561) Lemeshev = 1978 RY$_5$

Discovered 1978 Sept. 13 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Sergej Yakovlevich Lemeshev (1902–1977), outstanding Russian opera-singer, artist of the Bolshoi Theatre in Moscow for many years.

(4619) Polyakhova = 1977 RB$_7$

Discovered 1977 Sept. 11 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named in honor of Elena Nikolaevna Palyakhova, assistant professor of astronomy at St. Petersburg University, well-known specialist on celestial mechanics who obtained, in particular, new insights into the problems of using solar sails in interplanetary space flight.

(4621) Tambov = 1979 QE$_{10}$

Discovered 1979 Aug. 27 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named for city of Tambov, one of the industrial and cultural centers in Russia, center of the Tambov region.

(4653) Tommaso = 1976 GJ$_2$

Discovered 1976 Apr. 1 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Named for Tommaso Campanella (1568–1639), Italian monk who was a philosopher, poet and political figure. He is known primarily as the author of *Civitās Soleil* and as a founder of Utopian Communism. Campanella was imprisoned for 27 years by the Spanish Inquisition.

(5179) Takeshima = 1989 EO$_1$

Discovered 1989 Mar. 1 by T. Seki at Geisei.

Named in honor of Toshio Takeshima (1930–), friend of the discoverer. He is a grand master of the Japanese martial art of Iai. Takeshima is also a nature photographer, producing many excellent pictures of birds.

(5560) Amytis = 1990 MX

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

Named in honor of Amytis Barrett (1909–), in celebration of her 85th birthday, in recognition of her many contributions to the Caltech community, including all aspects of undergraduates' activities and her significant influence on the Associates' program. Name proposed by Dr. and Mrs. J. Bonner and endorsed by her many Caltech friends.

(5609) Stroncone = 1993 FU

Discovered 1993 Mar. 22 by A. Vagnozzi at Stroncone.

Named for the suburb where the Santa Lucia observatory is based. The name Stroncone is thought to come from the Greek 'astronicos', from 'astron' (star) and 'icons' (image), so it is a very appropriate name for the site of an astronomical observatory.

(5651) Traversa = 1991 CA_2

Discovered 1991 Feb. 14 by E. W. Elst at Haute Provence.

In honor of Gilles Traversa, technical night-assistant at the Observatory of Haute Provence. He has been involved mainly in the Fehrenbach Program of Radial Velocities and has made observations at Zeekoegat (South Africa), La Silla (Chile) and Haute Provence, where he has observed with the Grand Prisme Objectif (GPO), the PPM (Petit Prisme Objectif) and the Schmidt telescope. From 1986 to 1993 he has been of irreplaceable help to, and has become a very good friend of, the discoverer during the observations at Haute Provence.

(5654) Terni = 1993 KG

Discovered 1993 May 20 by A. Vagnozzi at Stroncone.

Named for the city located in a natural amphitheater, at the confluence of the Serra and Nera rivers. Founded in A.D. 672, the city (ancient name Interamna) has long been famous for the nearby Marmore falls and is now an important industrial center.

(5656) Oldfield = A920 TA

Discovered 1920 Oct. 8 by W. Baade at Bergedorf.

Named in honor of Mike Oldfield (1953–), English composer and multi-instrumentalist, best known for *Tubular Bells*, his 1973 album that has influenced a generation of contemporary musicians. In addition to numerous studio recordings, Oldfield wrote the moving soundtrack to the 1984 film *The Killing Fields*. Name proposed by G. V. Williams, who made the identifications involving this object.

(5792) Unstrut = 1964 BF

Discovered 1964 Jan. 18 by F. Börngen at Tautenburg.

Named for the Thuringian river that flows for 189 km from Eichsfeld, past the cathedral town of Naumburg, into the Saale.

(5835) Mainfranken = 1992 SP_{24}

Discovered 1992 Sept. 21 by F. Börngen at Tautenburg.

Named for the German district of Franken in the northern part of Bayern, marked by the Main river that originates both in the Fichtelgebirge and in the Fränkische Schweiz. The discoverer's mother and her ancestors are from this district.

EPHEMERIDES

1994 AH_2 $a, e, i = 2.53, 0.71, 10$ Elements *MPC* 23350

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 04 18		05 00.79	+23 08.0	0.664	0.753	48.6	90.0	17.2
1994 04 28		05 23.79	+28 05.8	0.540	0.729	44.6	104.0	17.3
1994 05 08		05 43.23	+35 02.5	0.418	0.744	40.7	117.9	17.6
1994 05 18		05 57.68	+45 36.6	0.309	0.794	38.8	127.1	17.9
1994 05 28		06 08.45	+62 56.9	0.224	0.871	45.5	123.9	17.1
1994 06 07		15 48	+88 26.3	0.174	0.966	68.8	101.5	15.3
1994 06 17		18 00.11	+54 03.6	0.180	1.069	102.5	68.1	14.3
1994 06 27		18 02.97	+28 11.6	0.236	1.177	128.3	42.7	14.4
1994 07 07		18 04.55	+12 45.5	0.324	1.287	141.7	29.3	14.9
1994 07 17		18 07.16	+03 18.5	0.433	1.396	145.7	24.2	15.5
1994 07 27		18 11.45	−02 52.7	0.560	1.503	143.6	23.7	16.2
1994 08 06		18 17.46	−07 09.5	0.702	1.608	138.4	24.8	16.9
1994 08 16		18 25.15	−10 13.5	0.859	1.711	132.0	26.1	17.5
1994 08 26		18 34.30	−12 27.5	1.029	1.811	125.2	27.1	18.1
1994 09 05		18 44.68	−14 05.5	1.211	1.908	118.3	27.7	18.6
1994 09 15		18 56.09	−15 16.2	1.403	2.003	111.4	27.9	19.0
1994 09 25		19 08.33	−16 05.2	1.602	2.094	104.6	27.6	19.4
1994 10 05		19 21.21	−16 36.6	1.808	2.183	97.9	27.0	19.7
1994 10 15		19 34.60	−16 53.0	2.018	2.269	91.2	26.1	20.0
1994 10 25		19 48.36	−16 56.6	2.230	2.353	84.5	24.9	20.2

1994 CB $a, e, i = 1.15, 0.15, 18$ Elements *MPC* 23343

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 04 08		06 22.08	−37 05.9	0.319	1.027	85.5	76.4	21.2
1994 04 18		06 20.98	−39 52.2	0.333	1.010	81.6	79.4	21.4
1994 04 28		06 20.34	−42 32.0	0.337	0.997	78.8	81.9	21.5
1994 05 08		06 18.96	−45 06.2	0.333	0.988	76.9	84.0	21.5
1994 05 18		06 16.05	−47 36.0	0.320	0.983	75.8	85.8	21.5
1994 05 28		06 10.58	−50 01.5	0.298	0.983	75.6	87.3	21.4
1994 06 07		06 01.69	−52 21.8	0.268	0.986	76.3	88.4	21.2
1994 06 17		05 47.95	−54 44.2	0.231	0.994	78.1	88.8	20.9
1994 06 27		05 25.36	−57 21.7	0.188	1.006	81.6	87.8	20.5
1994 07 07		04 42.61	−60 39.2	0.141	1.022	88.1	84.0	19.7
1994 07 17		02 52.73	−64 04.1	0.095	1.040	101.9	72.9	18.5
1994 07 27		22 54.37	−49 13.6	0.060	1.061	137.7	40.1	16.6
1994 08 06		20 43.75	−04 33.1	0.070	1.083	166.8	12.3	16.1
1994 08 16		20 01.24	+16 21.4	0.117	1.106	141.0	35.2	18.0
1994 08 26		19 46.76	+23 28.3	0.173	1.129	129.7	43.5	19.1
1994 09 05		19 44.34	+26 03.0	0.233	1.153	123.3	47.0	19.9
1994 09 15		19 49.09	+26 48.6	0.294	1.176	118.8	48.6	20.5

Comet Shoemaker-Levy (1994d) Elements *MPC* 23322

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1994 04 18		07 15.24	+37 58.7	1.086	1.316	77.9	48.3	14.4
1994 04 28		06 48.72	+41 27.9	1.314	1.250	63.6	46.2	14.6
1994 05 08		06 30.74	+43 45.1	1.526	1.200	51.8	41.3	14.7
1994 05 18		06 17.73	+45 28.1	1.710	1.170	41.8	35.2	14.8
1994 05 28		06 07.55	+46 54.0	1.858	1.160	33.7	29.0	15.0

1994 EF_2 $a, e, i = 2.29, 0.52, 23$ Elements *MPC* 23324

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 04 18		09 57.85	−07 19.9	0.707	1.519	124.3	33.1	18.0
1994 04 28		10 08.78	−10 03.3	0.838	1.587	118.4	33.9	18.5
1994 05 08		10 21.29	−12 12.5	0.976	1.655	112.9	34.2	19.0
1994 05 18		10 35.02	−14 01.7	1.122	1.724	107.7	34.0	19.3
1994 05 28		10 49.65	−15 39.5	1.273	1.792	102.7	33.5	19.7
1994 06 07		11 04.95	−17 10.7	1.428	1.860	97.7	32.7	20.0

1994 06 17	11 20.81	−18 38.7	1.588	1.927	92.9	31.8	20.3
1994 06 27	11 37.09	−20 05.2	1.750	1.993	88.0	30.6	20.5
1994 07 07	11 53.72	−21 31.1	1.913	2.058	83.2	29.4	20.8
1994 07 17	12 10.66	−22 56.7	2.077	2.121	78.4	28.0	21.0
1994 07 27	12 27.87	−24 22.2	2.241	2.183	73.6	26.5	21.1

Comet Mueller (1994c) Elements *MPC* 23321

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1994 04 18	13 03.32	+08 51.1	1.513	2.473	158.1	8.7	16.8
1994 04 28	12 25.06	+09 07.4	1.678	2.556	143.1	13.7	17.2
1994 05 08	11 56.17	+08 51.7	1.898	2.641	127.9	17.6	17.6
1994 05 18	11 35.76	+08 17.0	2.152	2.727	114.1	19.8	18.0
1994 05 28	11 22.01	+07 32.1	2.427	2.814	101.8	20.6	18.4
1994 06 07	11 13.22	+06 41.8	2.710	2.903	90.5	20.5	18.8
1994 06 17	11 08.07	+05 48.4	2.994	2.992	80.1	19.5	19.1
1994 06 27	11 05.57	+04 53.0	3.271	3.082	70.4	18.1	19.5
1994 07 07	11 05.00	+03 56.2	3.536	3.172	61.1	16.3	19.8
1994 07 17	11 05.86	+02 58.3	3.786	3.263	52.2	14.2	20.0
1994 07 27	11 07.75	+01 59.5	4.017	3.354	43.5	12.0	20.3
1994 08 06	11 10.37	+00 59.9	4.227	3.445	35.0	9.7	20.5

1993 UC a, e, i = 2.44, 0.66, 26 Elements *MPC* 23350

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 04 18	13 59.59	+59 16.1	0.366	1.180	110.0	53.1	15.6
1994 04 28	14 02.98	+52 15.7	0.479	1.276	113.6	46.3	16.2
1994 05 08	14 05.16	+46 40.2	0.596	1.373	115.2	41.7	16.7
1994 05 18	14 08.03	+41 43.2	0.719	1.470	115.3	38.4	17.2
1994 05 28	14 12.20	+37 09.1	0.849	1.567	114.3	36.1	17.6
1994 06 07	14 17.71	+32 52.4	0.986	1.662	112.3	34.4	18.0
1994 06 17	14 24.55	+28 51.0	1.130	1.754	109.5	33.1	18.4
1994 06 27	14 32.60	+25 04.9	1.283	1.845	106.2	31.9	18.7
1994 07 07	14 41.67	+21 33.8	1.442	1.934	102.3	30.9	19.1
1994 07 17	14 51.67	+18 17.5	1.608	2.020	98.1	29.9	19.4
1994 07 27	15 02.45	+15 16.0	1.780	2.104	93.6	28.8	19.6
1994 08 06	15 13.89	+12 28.9	1.956	2.185	88.9	27.6	19.9
1994 08 16	15 25.94	+09 55.6	2.135	2.265	83.9	26.4	20.1
1994 08 26	15 38.50	+07 35.9	2.316	2.342	78.9	25.1	20.3

Comet McNaught-Russell (1993v) Elements *MPC* 23322

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1994 05 08	09 20.6	+76 01.7	0.783	1.103	74.8	62.0	9.4
1994 05 18	11 39.1	+76 04.3	0.919	1.216	77.9	54.4	10.2
1994 05 28	13 07.5	+72 46.6	1.054	1.337	80.6	48.4	10.9
1994 06 07	13 57.65	+68 26.3	1.185	1.463	83.0	43.5	11.5
1994 06 17	14 29.48	+63 48.7	1.315	1.592	85.2	39.5	12.1
1994 06 27	14 52.62	+59 07.7	1.445	1.722	86.9	36.1	12.7
1994 07 07	15 11.37	+54 28.8	1.579	1.852	88.3	33.3	13.2
1994 07 17	15 27.83	+49 55.6	1.717	1.981	89.0	30.9	13.6
1994 07 27	15 43.05	+45 32.2	1.863	2.109	89.2	28.8	14.1
1994 08 06	15 57.57	+41 21.3	2.017	2.237	88.7	27.0	14.5
1994 08 16	16 11.75	+37 25.5	2.179	2.363	87.5	25.4	14.9
1994 08 26	16 25.73	+33 47.1	2.350	2.487	85.7	23.9	15.3
1994 09 05	16 39.61	+30 27.2	2.529	2.610	83.2	22.6	15.7
1994 09 15	16 53.45	+27 26.5	2.715	2.731	80.3	21.3	16.0
1994 09 25	17 07.25	+24 45.5	2.907	2.852	76.9	20.0	16.4
1994 10 05	17 21.01	+22 23.9	3.103	2.970	73.1	18.8	16.7
1994 10 15	17 34.71	+20 21.2	3.301	3.087	69.0	17.5	17.0
1994 10 25	17 48.31	+18 36.9	3.500	3.203	64.7	16.3	17.3
1994 11 04	18 01.79	+17 10.0	3.697	3.318	60.2	15.0	17.5
1994 11 14	18 15.11	+15 59.8	3.889	3.431	55.7	13.8	17.8
1994 11 24	18 28.20	+15 05.3	4.076	3.543	51.3	12.6	18.0
1994 12 04	18 41.02	+14 25.5	4.254	3.654	47.0	11.4	18.3
1994 12 14	18 53.52	+13 59.5	4.422	3.763	43.1	10.3	18.5
1994 12 24	19 05.64	+13 46.3	4.577	3.872	39.7	9.3	18.7
1995 01 03	19 17.33	+13 44.9	4.719	3.979	37.1	8.6	18.9
1995 01 13	19 28.51	+13 54.4	4.846	4.086	35.5	8.0	19.0
1995 01 23	19 39.13	+14 13.7	4.956	4.191	35.2	7.8	19.2

Periodic Comet Kushida (1994a) Elements *MPC* 23322

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1994 05 08	10 29.50	+04 01.1	1.524	2.099	110.2	26.8	15.1
1994 05 18	10 41.99	+03 19.0	1.697	2.172	103.8	26.9	15.5
1994 05 28	10 55.00	+02 27.6	1.876	2.246	97.5	26.6	15.9
1994 06 07	11 08.37	+01 28.8	2.060	2.319	91.4	25.9	16.2
1994 06 17	11 21.99	+00 23.8	2.248	2.392	85.4	25.0	16.5
1994 06 27	11 35.77	−00 45.9	2.438	2.465	79.5	23.9	16.9
1994 07 07	11 49.64	−01 59.2	2.628	2.537	73.7	22.6	17.1
1994 07 17	12 03.58	−03 15.2	2.817	2.609	67.9	21.1	17.4
1994 07 27	12 17.55	−04 32.8	3.002	2.681	62.0	19.5	17.7
1994 08 06	12 31.52	−05 51.3	3.184	2.751	56.2	17.8	17.9
1994 08 16	12 45.49	−07 10.0	3.358	2.821	50.3	16.0	18.1
1994 08 26	12 59.44	−08 28.1	3.525	2.890	44.4	14.2	18.3
1994 09 05	13 13.35	−09 45.2	3.682	2.958	38.4	12.2	18.5
1994 09 15	13 27.23	−11 00.6	3.828	3.026	32.3	10.2	18.7

1991 YA a, e, i = 2.74, 0.44, 44 Elements *MPC* 19870

Date TT	α_{2000}	δ_{2000}	Δ	r	Variation		V
1994 05 08	19 05.75	−24 53.2	3.313	3.946	−0.31	−5.2	20.8
1994 05 18	19 01.05	−24 16.6	3.183	3.943	−0.32	−5.4	20.7
1994 05 28	18 54.35	−23 38.2	3.073	3.939	−0.34	−5.5	20.5
1994 06 07	18 45.91	−22 57.2	2.988	3.934	−0.36	−5.6	20.3
1994 06 17	18 36.17	−22 13.4	2.931	3.928	−0.37	−5.7	20.1
1994 06 27	18 25.74	−21 27.0	2.906	3.922	−0.38	−5.6	19.9
1994 07 07	18 15.33	−20 38.9	2.913	3.914	−0.38	−5.5	20.1
1994 07 17	18 05.63	−19 50.8	2.952	3.906	−0.37	−5.4	20.3
1994 07 27	17 57.26	−19 04.5	3.019	3.897	−0.36	−5.3	20.4
1994 08 06	17 50.62	−18 21.4	3.112	3.887	−0.35	−5.1	20.6
1994 08 16	17 45.95	−17 42.7	3.225	3.876	−0.33	−4.9	20.7
1994 08 26	17 43.34	−17 08.7	3.353	3.865	−0.31	−4.7	20.9

1982 TX a, e, i = 2.58, 0.43, 16 Elements *MPC* 22599

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 05 08	19 57.45	−03 45.3	2.474	2.916	105.8	19.4	20.6
1994 05 18	19 59.76	−02 23.3	2.312	2.877	114.0	18.7	20.4
1994 05 28	19 59.90	−01 03.3	2.161	2.836	122.5	17.5	20.2
1994 06 07	19 57.68	+00 11.6	2.022	2.795	131.0	15.9	19.9
1994 06 17	19 53.01	+01 17.6	1.900	2.753	139.6	13.9	19.7
1994 06 27	19 46.03	+02 10.3	1.797	2.710	147.4	11.7	19.4

1994 07 07	19 37.12	+02 45.3	1.717	2.665	153.4	9.8	19.2
1994 07 17	19 26.98	+02 58.8	1.662	2.620	155.4	9.3	19.1
1994 07 27	19 16.59	+02 49.5	1.632	2.575	152.3	10.6	19.1
1994 08 06	19 07.01	+02 18.4	1.626	2.528	145.5	13.1	19.1
1994 08 16	18 59.25	+01 29.0	1.641	2.480	137.0	16.2	19.2
1994 08 26	18 54.04	+00 27.0	1.675	2.432	128.0	19.1	19.3
1994 09 05	18 51.80	−00 42.3	1.724	2.383	119.1	21.7	19.4
1994 09 15	18 52.69	−01 53.4	1.782	2.334	110.6	23.8	19.5
1994 09 25	18 56.65	−03 01.8	1.846	2.284	102.5	25.4	19.6
1994 10 05	19 03.47	−04 04.3	1.914	2.233	94.8	26.5	19.7

1993 PC a, e, i = 1.15, 0.47, 4 Elements *MPC* 22700

Date TT	α_{2000}	δ_{2000}	Δ	r	Variation		V
1994 05 08	01 50.05	−10 36.0	0.173	0.868	+25.46	+156.8	21.4
1994 05 18	00 46.84	−26 56.1	0.141	0.954	+28.87	+55.7	18.3
1994 05 28	23 02.75	−43 15.6	0.135	1.038	+18.69	−160.8	16.9
1994 06 07	20 40.73	−50 24.2	0.154	1.119	−9.76	−205.6	16.4
1994 06 17	18 49.46	−47 23.1	0.197	1.194	−19.80	−87.3	16.5
1994 06 27	17 51.49	−41 50.6	0.261	1.265	−15.95	−19.6	16.9
1994 07 07	17 24.47	−37 12.7	0.339	1.330	−11.48	+2.0	17.8
1994 07 17	17 13.80	−33 51.0	0.431	1.390	−8.32	+6.5	18.5
1994 07 27	17 12.50	−31 29.5	0.533	1.444	−6.21	+5.9	19.2
1994 08 06	17 17.00	−29 49.8	0.644	1.493	−4.77	+4.2	19.8
1994 08 16	17 25.47	−28 37.7	0.762	1.537	−3.77	+2.4	20.3
1994 08 26	17 36.76	−27 43.4	0.885	1.575	−3.05	+0.9	20.7

(5732) 1988 WC a, e, i = 2.22, 0.40, 22 Elements *MPC* 22675

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 05 28	22 30.60	+15 00.8	3.053	3.078	81.9	19.0	19.5
1994 06 07	22 35.42	+16 44.7	2.912	3.067	89.0	19.3	19.4
1994 06 17	22 38.60	+18 25.2	2.772	3.055	96.3	19.3	19.3
1994 06 27	22 39.93	+19 59.7	2.634	3.042	103.8	18.9	19.2
1994 07 07	22 39.20	+21 25.2	2.503	3.027	111.5	18.2	19.0
1994 07 17	22 36.23	+22 37.6	2.380	3.012	119.4	17.1	18.9
1994 07 27	22 31.00	+23 32.1	2.269	2.995	127.2	15.7	18.7
1994 08 06	22 23.64	+24 03.7	2.174	2.976	134.7	14.0	18.6
1994 08 16	22 14.55	+24 07.6	2.099	2.957	141.2	12.4	18.4
1994 08 26	22 04.46	+23 41.1	2.046	2.936	145.6	11.2	18.3
1994 09 05	21 54.27	+22 44.4	2.018	2.914	146.8	10.9	18.2
1994 09 15	21 44.97	+21 21.7	2.014	2.891	144.4	11.7	18.2
1994 09 25	21 37.43	+19 40.3	2.034	2.867	138.9	13.3	18.3
1994 10 05	21 32.24	+17 49.1	2.077	2.841	131.6	15.3	18.4
1994 10 15	21 29.72	+15 57.1	2.138	2.814	123.5	17.2	18.5
1994 10 25	21 29.93	+14 11.8	2.214	2.786	115.1	18.9	18.6
1994 11 04	21 32.73	+12 38.4	2.301	2.756	106.8	20.2	18.7
1994 11 14	21 37.91	+11 20.4	2.396	2.725	98.6	21.0	18.8
1994 11 24	21 45.18	+10 19.2	2.494	2.693	90.7	21.5	18.9
1994 12 04	21 54.27	+09 35.3	2.592	2.660	83.1	21.6	18.9

(5653) 1992 WD$_5$ a, e, i = 1.79, 0.30, 7 Elements *MPC* 22481

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 05 28	23 13.07	−11 02.8	2.253	2.332	81.7	25.5	20.2
1994 06 07	23 23.38	−10 06.7	2.120	2.327	88.5	25.8	20.0
1994 06 17	23 32.17	−09 20.1	1.986	2.320	95.7	25.8	19.9
1994 06 27	23 39.18	−08 44.7	1.853	2.311	103.4	25.3	19.7
1994 07 07	23 44.08	−08 22.6	1.723	2.300	111.6	24.3	19.5
1994 07 17	23 46.46	−08 15.7	1.598	2.288	120.5	22.5	19.3
1994 07 27	23 45.94	−08 25.1	1.483	2.274	130.1	20.0	19.0
1994 08 06	23 42.15	−08 51.6	1.381	2.259	140.6	16.6	18.8
1994 08 16	23 34.94	−09 33.4	1.297	2.242	151.9	12.3	18.5
1994 08 26	23 24.57	−10 26.1	1.235	2.223	163.7	7.3	18.1
1994 09 05	23 11.83	−11 22.3	1.197	2.203	173.9	2.8	17.8
1994 09 15	22 58.10	−12 12.7	1.187	2.181	167.9	5.6	17.9
1994 09 25	22 45.11	−12 48.7	1.203	2.157	155.7	11.0	18.2
1994 10 05	22 34.39	−13 05.2	1.243	2.132	143.6	16.2	18.4
1994 10 15	22 27.02	−13 00.3	1.303	2.106	132.1	20.6	18.6
1994 10 25	22 23.44	−12 35.4	1.376	2.078	121.6	24.1	18.8
1994 11 04	22 23.59	−11 52.4	1.460	2.048	111.9	26.7	19.0
1994 11 14	22 27.18	−10 53.6	1.549	2.017	103.1	28.5	19.1
1994 11 24	22 33.77	−09 40.9	1.639	1.985	94.9	29.7	19.3
1994 12 04	22 42.91	−08 15.5	1.729	1.951	87.4	30.3	19.3

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	$\phi_{\rm MIN}$	*MPC*
1992 VR	94 03 25.0	12 15.62	−01 27.5	18.0	−0.89	+ 6.4	0.1/25.0	22237
1985 TQ$_1$	94 03 25.1	12 16.04	+02 59.1	16.8	−0.79	+ 2.9	1.3/23.7	22077
1017 T-3	94 03 25.1	12 16.18	−14 20.7	17.2	−0.85	+ 4.4	3.9/29.2	19882
1992 SQ	94 03 25.2	12 16.42	−07 22.8	17.6	−1.00	+ 6.5	2.1/27.0	21587
1969 TQ$_1$	94 03 25.5	12 17.51	+02 13.1	17.9	−0.73	+ 4.4	1.1/24.2	19854
(5461)	94 03 25.6	12 17.96	+16 25.9	16.2	−0.73	+ 5.5	4.9/19.0	21768
1079 T-2	94 03 25.6	12 18.01	−01 49.3	17.3	−0.85	+ 4.9	0.0/25.7	19881
(5425)	94 03 25.7	12 17.99	−03 38.2	16.8	−0.96	+ 4.0	0.6/26.2	21548
1989 GC$_4$	94 03 25.8	12 18.35	−03 48.8	17.2	−0.79	+ 5.1	0.6/26.4	20635
2315 T-2	94 03 26.0	12 19.14	−01 07.8	20.4	−0.80	+ 5.7	0.3/25.7	16883
1979 KO$_1$	94 03 26.0	12 19.45	−15 55.1	17.3	−0.95	+ 5.2	5.6/30.0	22429
1989 YK	94 03 26.1	12 19.60	−04 23.1	16.6	−0.96	+ 7.1	0.8/26.9	22081
2012 P-L	94 03 26.2	12 19.85	−04 05.1	19.7	−0.85	+ 3.8	0.5/26.8	15901
2087 T-2	94 03 26.2	12 19.85	−04 51.5	18.0	−0.85	+ 4.3	0.8/27.1	21978
1987 DM$_6$	94 03 26.4	12 20.69	−03 09.2	15.9	−0.90	+ 8.6	0.4/26.8	22078
1981 EH$_{11}$	94 03 26.6	12 21.38	−11 21.8	18.3	−0.97	+ 2.3	2.8/29.2	21966
1981 EB$_{33}$	94 03 26.8	12 22.05	−15 47.5	17.9	−0.99	+ 2.1	4.5/30.6	22430
5069 T-2	94 03 26.9	12 22.64	−11 14.3	18.1	−0.79	+ 6.1	2.5/30.0	21953
3306 T-2	94 03 27.1	12 23.16	+02 04.4	19.0	−1.07	+ 4.8	1.8/25.8	15572
(5431)	94 03 27.3	12 23.91	−40 11.7	17.4	−1.17	+ 2.7	11.3/09.6	21551
1148 T-3	94 03 27.4	12 24.19	−12 01.2	18.7	−0.80	+ 4.9	2.5/30.5	21127
4349 T-1	94 03 27.5	12 24.67	+03 22.4	18.5	−0.75	+ 6.4	1.5/25.4	22087
(5406)	94 03 27.7	12 25.27	−11 08.0	15.0	−0.80	+ 7.0	3.2/30.6	21249
1984 BS	94 03 27.7	12 25.32	+09 03.4	16.1	−0.99	+ 6.8	4.7/23.9	18424
1982 QD	94 03 27.7	12 25.48	−09 38.2	17.6	−1.01	+ 6.0	2.3/30.0	22949
1989 TB$_1$	94 03 27.9	12 26.10	−02 21.4	16.8	−1.06	+ 5.3	0.2/27.8	22081
1991 SL$_2$	94 03 27.9	12 26.11	+11 19.5	17.0	−0.75	+ 3.5	3.6/23.3	21796
1988 PV	94 03 28.0	12 26.61	−08 03.7	17.0	−0.95	+ 7.4	1.8/29.8	21971
1990 EA$_5$	94 03 28.0	12 26.67	−05 54.4	17.3	−0.93	+ 5.5	1.1/29.0	22494
1992 WU$_1$	94 03 28.1	12 26.76	−08 25.8	19.1	−0.85	+ 6.2	1.5/30.0	22238
1992 WT	94 03 28.1	12 27.04	+07 57.6	15.4	−1.05	+ 4.2	4.6/24.9	23350

1931 UB	94 03 28.3	12 27.49	−04 36.8	17.9	−0.90	+ 6.0	0.5/28.8	11855
(5457)	94 03 28.4	12 27.79	−09 14.5	16.5	−0.76	+ 4.8	1.8/30.5	21766
1990 SL_9	94 03 28.4	12 27.83	+01 11.4	16.6	−0.75	+ 5.0	1.3/27.0	23238
(5699)	94 03 28.6	12 28.50	−09 59.4	17.5	−0.92	+ 6.4	2.3/30.9	22586
4017 P-L	94 03 28.6	12 28.53	−06 14.9	19.2	−0.90	+ 2.9	0.9/29.6	22601
1991 PK_{15}	94 03 28.7	12 28.98	−07 47.3	18.2	−0.89	+ 4.8	1.4/30.0	21976
1975 SZ_1	94 03 29.1	12 30.41	−01 56.6	18.6	−0.96	+ 7.4	0.5/28.7	22696
1992 WP_4	94 03 29.1	12 30.74	−21 11.8	15.8	−1.01	+ 2.5	5.6/03.6	22085
1989 CE_8	94 03 29.2	12 30.89	−17 24.6	16.5	−0.83	+ 6.2	4.5/03.1	21571
1985 RP	94 03 29.5	12 32.00	+01 21.5	18.1	−0.91	+ 8.4	1.6/27.9	21970
1992 SF_1	94 03 29.7	12 32.60	+02 14.9	17.0	−1.03	+ 5.5	2.1/28.0	21269
1983 RL_4	94 03 29.7	12 32.87	+05 54.0	18.7	−0.77	+ 8.5	2.5/26.4	18424
1981 UQ_{11}	94 03 30.1	12 34.18	+02 43.2	16.9	−0.95	+ 5.3	2.4/28.2	22968
1981 EV_{46}	94 03 30.2	12 34.57	−05 13.0	18.6	−1.04	+ 6.1	0.6/30.7	22599
1985 RD	94 03 30.4	12 35.27	−04 09.6	17.3	−0.77	+ 4.6	0.1/30.6	22492
1991 UG_1	94 03 30.6	12 36.13	+36 50.8	19.4	−0.99	+ 1.7	9.2/15.4	19681
1991 PC_{18}	94 03 30.7	12 36.22	−13 45.4	17.1	−0.84	+ 4.5	3.1/02.9	22487
1990 BF	94 03 30.7	12 36.44	−10 19.6	16.0	−1.00	+ 4.4	2.6/01.7	22082
1981 ET_{17}	94 03 30.7	12 36.59	−05 55.0	18.2	−0.88	+ 5.7	0.6/31.4	21561
6676 P-L	94 03 30.8	12 36.75	−04 44.3	18.2	−0.79	+ 4.7	0.2/31.1	14962
4314 T-2	94 03 30.9	12 37.23	+02 20.2	18.0	−0.93	+ 5.7	2.2/29.0	22432
1978 UJ_5	94 03 31.0	12 37.41	−06 49.6	18.6	−0.98	+ 5.9	1.0/31.9	20806
1979 MY_2	94 03 31.0	12 37.55	−10 50.1	16.8	−0.83	+ 7.1	2.9/02.4	22270
1988 VM_2	94 03 31.1	12 37.67	+11 16.2	18.0	−0.96	+ 3.0	4.7/26.6	22969
1979 UH	94 03 31.1	12 37.99	+09 30.5	17.3	−0.85	+ 6.7	4.5/26.7	15877
1991 PE_{10}	94 03 31.2	12 38.21	−11 41.3	18.1	−0.86	+ 3.5	2.1/02.6	22084
1991 PK_3	94 03 31.3	12 38.43	−01 07.0	18.1	−0.89	+ 5.2	1.0/30.4	22083
1981 EZ_{47}	94 03 31.4	12 38.84	−04 39.5	18.1	−0.88	+ 5.0	0.1/31.6	22492
1978 QG_2	94 03 31.4	12 39.14	−04 03.3	16.1	−0.95	+ 8.5	0.1/31.4	22429
1979 TT_2	94 03 31.5	12 39.15	−01 03.1	18.4	−0.87	+ 4.8	0.9/30.5	22696
1981 EF_{28}	94 03 31.8	12 40.55	−04 40.2	17.3	−0.95	+ 2.7	0.1/32.0	21967
1992 YC_2	94 03 31.8	12 40.59	−06 56.1	18.7	−0.85	+ 5.3	0.7/01.7	22595
4607 P-L	94 03 31.9	12 40.70	−02 54.4	16.4	−0.91	+ 2.9	0.6/31.5	20830
3355 T-3	94 03 31.9	12 40.82	−07 13.7	18.5	−0.76	+ 8.1	0.9/02.0	20518
1992 UT_4	94 04 01.0	12 41.09	+04 19.7	15.9	−1.02	+ 3.0	3.2/29.5	23350
1981 EO_8	94 04 01.0	12 41.31	−11 02.8	17.1	−0.88	+ 5.4	2.2/03.2	21966
6624 P-L	94 04 01.1	12 41.51	−00 17.7	19.1	−0.97	+ 5.3	1.5/30.9	21978
1992 UL_2	94 04 01.2	12 41.79	−08 53.4	17.3	−1.03	+ 5.7	1.6/02.6	21273
1973 SK_1	94 04 01.2	12 41.95	+01 12.1	17.0	−0.58	+ 5.4	1.3/30.2	23347
1985 RM_6	94 04 01.3	12 42.05	−04 38.6	18.1	−0.70	+ 4.5	0.0/01.4	22683
1948 AF	94 04 01.7	12 43.88	+51 12.3	16.8	−1.07	+ 2.7	32.4/24.0	23346
1979 SW_2	94 04 01.8	12 44.23	−08 47.8	16.9	−0.84	+ 1.7	1.1/03.1	21965
1979 SP_{14}	94 04 01.9	12 44.26	−00 44.3	17.3	−0.70	+ 4.6	1.0/31.6	23132
1990 ES_1	94 04 01.9	12 44.34	−17 09.1	17.6	−0.95	+ 4.8	4.8/05.8	21974
1992 WT_2	94 04 02.0	12 44.89	+03 29.6	15.9	−0.95	+ 6.5	3.1/30.4	23341
1990 QF_5	94 04 02.1	12 45.18	−14 16.4	16.3	−0.90	+ 0.8	2.9/04.8	19304
1992 UD_3	94 04 02.1	12 45.24	−13 15.3	17.0	−0.90	+ 8.0	2.9/05.0	22085
1977 QH_3	94 04 02.5	12 46.43	+08 17.7	17.6	−0.91	+ 6.5	4.2/29.2	21097
1984 QS	94 04 02.6	12 46.76	−02 35.8	17.6	−0.75	+ 4.5	0.7/01.8	22076
1977 EL_5	94 04 02.6	12 47.07	+02 23.8	17.4	−0.66	+10.2	2.1/30.8	21964
1978 RA_{10}	94 04 02.6	12 47.11	−05 45.3	18.0	−1.01	+ 5.7	0.3/02.9	22073
1978 NY_7	94 04 02.7	12 47.22	−00 53.8	17.3	−0.73	+ 4.6	1.1/01.4	22073
1985 TN	94 04 02.8	12 47.50	−03 02.9	17.8	−1.02	+ 4.5	0.7/02.2	22077
1989 YS_6	94 04 02.9	12 48.00	+03 54.1	16.7	−1.00	+ 6.2	3.4/31.1	21973
1991 RP_{15}	94 04 03.0	12 48.43	−03 53.4	17.1	−0.75	+ 4.5	0.4/02.6	22084
1980 PW	94 04 03.2	12 49.03	−11 11.4	18.0	−0.93	+ 5.1	1.9/05.1	16022
1942 RJ	94 04 03.3	12 49.39	−15 33.4	16.5	−1.04	+ 5.8	3.6/06.4	21963
1991 SV	94 04 03.4	12 49.88	+09 13.8	16.9	−0.84	+ 3.5	4.4/29.8	23349
1981 WF_9	94 04 03.5	12 50.45	−07 44.3	18.1	−0.90	+ 8.0	0.8/04.4	16695
1979 MK_7	94 04 03.6	12 50.63	−07 57.5	17.8	−0.75	+ 5.5	0.8/04.5	21560
1987 KB	94 04 03.7	12 51.16	−19 42.1	15.8	−0.97	+ 7.7	5.2/08.4	22969
(5619)	94 04 03.8	12 51.30	+05 43.5	16.1	−0.78	+12.8	3.4/30.5	22391
1981 QQ_2	94 04 03.9	12 51.75	+02 21.4	18.2	−0.93	+ 7.4	2.9/01.4	22430
1985 RU_2	94 04 04.0	12 51.82	−05 18.3	17.5	−1.01	+ 5.3	0.1/03.9	22824
2561 P-L	94 04 04.1	12 52.56	−01 04.6	16.7	−1.01	+ 0.4	1.7/03.0	20829
1992 WN_3	94 04 04.2	12 52.99	+07 36.4	17.4	−0.85	+ 3.7	3.9/31.2	21799
1977 QK_1	94 04 04.4	12 53.33	−07 15.0	17.7	−0.94	+ 5.4	0.5/04.9	22073
1992 UU_2	94 04 04.5	12 53.95	+03 56.1	17.3	−1.00	+ 4.9	3.4/01.7	22971
1982 TT_2	94 04 04.7	12 54.47	−06 41.6	16.8	−0.92	+ 2.6	0.3/05.0	22075
1991 VX_2	94 04 04.7	12 54.56	−12 06.3	17.7	−0.73	+ 4.1	1.6/06.8	21944
1991 RP_{11}	94 04 04.8	12 54.77	−03 28.6	18.5	−0.92	+ 5.9	0.8/04.1	22494
1980 FU	94 04 04.8	12 55.13	−13 36.5	16.5	−1.07	+ 1.6	3.5/06.9	22429
(5575)	94 04 05.0	12 55.62	−05 15.5	18.0	−0.72	+ 4.6	0.2/04.8	22206
1988 TC_2	94 04 05.0	12 55.66	−08 48.3	17.6	−0.95	+ 5.9	0.9/05.9	22080
1988 VO_1	94 04 05.0	12 55.84	−11 20.8	15.8	−0.91	+ 7.9	2.1/06.9	22080
1990 JN_1	94 04 05.2	12 56.37	−07 26.3	16.6	−0.81	+ 5.3	0.5/05.7	22592
(5555)	94 04 05.5	12 57.49	−09 48.7	16.7	−0.85	+ 2.5	1.1/06.6	22044
1988 VH_1	94 04 05.7	12 58.36	−11 11.7	17.6	−0.89	+ 6.5	1.5/07.4	22080
1982 RK	94 04 05.7	12 58.43	+02 31.7	16.7	−0.99	+ 6.2	3.2/03.1	23245
1982 SL_1	94 04 05.8	12 58.44	−05 51.1	16.1	−0.96	+ 7.9	0.1/05.7	21103
1979 QX_9	94 04 05.8	12 58.81	−06 38.9	17.1	−0.73	+ 4.9	0.1/06.0	21965
1983 JQ	94 04 05.9	12 59.11	−01 52.9	16.5	−0.74	+ 4.9	1.4/04.5	22599
1981 TK	94 04 06.0	12 59.17	−13 17.2	18.5	−1.22	+ 0.2	2.3/07.7	6951
1992 UJ_6	94 04 06.1	12 59.76	−08 08.4	18.0	−0.92	+ 8.0	0.6/06.7	21592
1989 BC	94 04 06.3	13 00.39	+17 38.9	15.3	−0.84	+ 3.7	9.1/29.0	23246
1972 AU	94 04 06.4	13 00.65	−18 58.2	17.0	−0.99	+ 2.4	3.9/10.0	22696
1972 RU_3	94 04 06.5	13 01.23	−02 35.7	17.0	−1.05	+ 4.7	1.5/05.4	21963
1980 RL_2	94 04 06.5	13 01.39	−09 20.9	17.2	−0.97	+ 5.5	1.0/07.4	21966
1980 SG	94 04 06.6	13 01.48	−05 21.3	17.6	−0.97	+ 3.7	0.4/06.3	22492
1992 WX_2	94 04 06.6	13 01.72	−07 28.9	15.9	−0.83	+ 6.7	0.3/07.0	22085
4234 T-2	94 04 06.7	13 01.76	−04 35.6	17.3	−0.78	+ 3.4	0.6/06.1	21978
1992 YA_3	94 04 06.7	13 01.80	−20 40.5	15.5	−0.80	+ 4.6	4.2/11.4	22085
4517 P-L	94 04 06.7	13 01.89	−08 08.8	16.6	−1.06	+ 3.6	0.6/07.2	13863
1989 GP_6	94 04 06.9	13 02.55	+11 28.8	16.9	−0.72	+ 6.3	5.4/31.4	21973
1982 SL_6	94 04 06.9	13 02.70	−08 00.0	16.8	−0.88	+ 3.6	0.4/07.4	21968
1982 QG	94 04 07.3	13 04.19	−10 29.3	17.4	−0.88	+ 5.1	1.2/08.5	21968
1992 ST	94 04 07.5	13 04.64	−03 38.6	18.5	−0.93	+ 4.0	0.9/06.6	21977
1981 EO_{14}	94 04 07.5	13 04.64	−23 15.2	18.9	−1.06	+ 1.1	5.6/11.9	22429
1981 SZ_6	94 04 07.5	13 04.81	−03 59.3	18.2	−0.95	+ 5.5	1.0/06.7	18621
1992 YL_2	94 04 07.6	13 05.38	+11 12.1	15.9	−0.79	+ 3.6	5.6/01.8	23341
1990 OB_2	94 04 07.7	13 05.63	−15 45.2	18.8	−0.82	+ 2.9	2.2/10.4	18633
1991 OW	94 04 07.8	13 05.97	−19 35.4	16.5	−0.97	+ 4.8	5.8/11.7	19029

1981 UM_{11}	94 04 07.8	13 06.05	−05 59.3	17.9	−0.93	+ 6.7	0.4/07.5	22430
(5433)	94 04 08.0	13 06.70	−19 10.8	16.4	−0.92	+ 6.1	3.9/12.0	22035
1989 UA_6	94 04 08.0	13 06.79	−03 32.3	16.7	−0.65	+ 3.4	0.9/06.9	22081
1982 TK_3	94 04 08.1	13 06.91	−19 26.7	17.5	−0.88	+ 3.6	3.7/11.9	22075
1985 UW_4	94 04 08.1	13 07.14	+03 20.5	17.1	−0.73	+ 4.4	2.7/04.7	21970
1988 RD	94 04 08.3	13 07.64	−18 14.9	16.6	−1.21	+ 0.1	3.6/11.0	22079
1981 ES_4	94 04 08.3	13 07.73	−28 32.4	17.9	−1.03	+ 2.0	6.5/14.5	22492
1990 HK	94 04 08.3	13 07.77	−07 03.3	14.9	−0.74	+12.0	0.1/08.3	23349
1988 VJ_2	94 04 08.4	13 08.04	−09 11.1	18.8	−0.87	+ 6.6	0.6/09.1	22080
3088 T-2	94 04 08.4	13 08.22	−03 22.8	20.1	−0.84	+ 4.5	1.2/07.3	15083
1992 WU_3	94 04 08.8	13 09.38	−09 25.3	17.7	−0.94	+ 5.3	0.7/09.4	22432
1978 RC_9	94 04 09.1	13 10.51	−12 38.0	17.6	−1.07	+ 4.4	2.1/10.6	22073
1992 UE_4	94 04 09.3	13 11.47	−01 37.6	18.3	−0.94	+ 5.3	1.9/07.6	21590
1218 T-2	94 04 09.3	13 11.54	−06 21.8	17.0	−0.92	+ 5.9	0.5/09.0	22432
1976 UB_2	94 04 09.4	13 11.85	−09 13.6	16.1	−0.81	+ 4.9	0.5/10.0	13480
4135 T-2	94 04 09.5	13 12.20	−05 06.5	17.6	−0.92	+ 2.5	0.9/08.8	19690
1987 RO_3	94 04 09.5	13 12.22	−09 40.2	18.7	−0.86	+ 6.5	0.6/10.2	22969
(5518)	94 04 09.6	13 12.48	+07 43.0	14.8	−0.92	+ 7.7	6.7/04.3	21919
1986 WO_7	94 04 09.6	13 12.70	−13 31.4	17.5	−0.77	+ 4.0	1.7/11.5	21970
2287 T-2	94 04 09.7	13 13.10	−03 32.2	17.7	−0.79	+ 6.9	1.4/08.4	21978
1991 QF	94 04 09.8	13 13.18	+03 52.7	19.2	−0.97	+ 2.5	3.3/06.5	23339
1990 OE_5	94 04 09.8	13 13.49	−16 42.2	16.7	−0.81	+ 6.7	3.3/12.9	21574
(5488)	94 04 09.9	13 13.69	+09 51.4	16.0	−0.78	+ 3.9	5.2/04.2	21779
1978 ST_7	94 04 10.0	13 13.83	−17 02.2	16.3	−1.05	+ 4.5	3.7/12.7	21965
1981 ER_6	94 04 10.0	13 13.89	−17 00.3	17.3	−0.87	+ 6.1	3.6/13.0	21966
1981 EC_{25}	94 04 10.0	13 14.01	−09 20.6	17.3	−1.08	+ 4.8	0.6/10.5	22492
1985 UQ_4	94 04 10.0	13 14.01	−04 00.0	17.1	−0.70	+ 4.4	1.0/08.8	22077
1992 UF_6	94 04 10.0	13 14.05	−15 57.5	16.5	−1.01	+ 5.9	2.9/12.5	22432
1991 PT_{10}	94 04 10.1	13 14.34	−12 45.8	18.7	−0.90	+ 5.3	1.5/11.7	19869
4050 P-L	94 04 10.2	13 14.55	−08 44.4	18.1	−0.73	+ 7.3	0.3/10.5	21978
6114 P-L	94 04 10.3	13 15.02	−21 58.0	16.9	−1.07	− 0.9	5.8/13.8	21978
1986 CS_1	94 04 10.4	13 15.67	−05 13.9	18.0	−0.90	+ 6.7	1.0/09.6	22430
1991 CM_5	94 04 10.4	13 15.70	+39 12.9	16.5	−0.99	+ 6.5	20.7/25.0	23349
1988 XK_1	94 04 10.5	13 15.71	−04 58.2	17.1	−0.96	+ 5.4	1.0/09.6	22080
1991 JS_1	94 04 10.6	13 16.03	+00 27.1	15.8	−0.99	+ 7.0	3.6/07.9	23349
1992 YV_2	94 04 10.7	13 16.48	−24 28.1	16.4	−0.86	+ 5.8	4.9/16.2	21599
1981 EV_{29}	94 04 10.8	13 16.86	−11 50.9	18.7	−0.75	+11.4	1.4/12.2	11046
(5610)	94 04 10.8	13 17.04	−12 02.3	16.3	−0.81	+ 5.7	1.3/12.1	22220
1992 WD_1	94 04 10.9	13 17.39	−02 55.3	18.2	−0.94	+ 5.5	1.8/09.4	21594
1986 CC_2	94 04 11.1	13 17.91	−22 19.4	17.8	−1.01	+ 4.1	4.3/15.3	22077
(5595)	94 04 11.1	13 17.94	+06 04.2	17.2	−0.80	+ 5.5	4.2/06.4	22214
1985 PE_1	94 04 11.2	13 18.27	−14 04.8	17.6	−1.11	+ 5.5	2.4/12.9	22076
1987 VU	94 04 11.3	13 18.58	+02 02.3	17.0	−0.86	+ 3.5	3.0/08.2	23348
1991 OZ	94 04 11.3	13 18.98	−15 23.6	15.5	−0.87	+ 6.7	3.2/13.7	22273
1991 PN_{13}	94 04 11.5	13 19.42	−23 21.8	17.1	−0.96	+ 2.7	4.4/15.9	22084
1988 VR_3	94 04 11.7	13 20.26	−07 19.0	17.3	−0.90	+ 6.1	0.4/11.4	21788
1991 PY_{14}	94 04 11.9	13 21.12	−24 18.2	17.5	−0.93	+ 4.1	4.7/16.8	21976
(5538)	94 04 12.0	13 21.29	−15 15.5	17.5	−1.03	+ 4.5	2.3/14.0	22038
(5396)	94 04 12.1	13 21.87	−09 01.6	17.3	−0.91	+ 7.2	0.1/12.3	23116
1991 LF_1	94 04 12.2	13 22.10	−01 19.1	18.4	−0.99	+ 5.3	2.6/10.1	21577
1993 AA	94 04 12.3	13 22.49	−12 00.3	17.8	−0.88	+ 6.1	1.0/13.4	22085
1991 CA_3	94 04 12.3	13 22.74	−35 50.2	15.9	−1.64	− 2.3	12.6/18.7	21975
1992 UQ_4	94 04 12.5	13 23.35	+03 09.3	16.5	−0.93	+ 5.9	4.2/08.9	22971
1979 MK_3	94 04 12.6	13 23.40	+00 08.4	17.6	−0.74	+ 5.0	2.7/09.7	22073
1990 QP_3	94 04 12.6	13 23.66	−05 05.9	18.2	−0.73	+ 4.3	1.0/11.5	22970
1991 PH_{15}	94 04 12.7	13 23.81	−08 12.1	16.0	−0.95	+ 6.1	0.3/12.5	20024
1978 SB_8	94 04 12.7	13 24.03	−10 08.6	18.3	−1.04	+ 4.1	0.5/13.1	21965
1992 YE_4	94 04 12.8	13 24.30	−03 53.7	18.4	−0.84	+ 5.6	1.4/11.3	23341
1194 T-3	94 04 12.9	13 24.48	−19 37.7	17.6	−1.03	+ 4.3	4.1/16.0	21978
(5865)	94 04 12.9	13 24.49	−07 40.1	16.4	−0.88	+ 8.0	0.4/12.5	23230
1982 QM	94 04 12.9	13 24.88	−01 35.2	18.0	−0.80	+ 5.8	2.1/10.6	21968
3233 T-1	94 04 13.0	13 24.98	−13 06.5	17.8	−0.92	+ 2.9	1.4/14.2	22087
1988 PV_1	94 04 13.0	13 25.08	−16 48.3	18.0	−1.00	+ 5.6	2.8/15.4	22079
4216 T-2	94 04 13.1	13 25.36	−02 02.7	18.3	−0.59	+ 4.9	1.5/10.8	21978
(5914)	94 04 13.4	13 26.39	+03 17.2	16.2	−0.70	+ 2.8	3.1/09.5	23333
1987 EV	94 04 13.7	13 27.65	−17 38.1	15.5	−0.98	+ 4.4	3.9/16.2	23348
1992 US_4	94 04 13.8	13 27.91	−11 40.4	17.0	−0.95	+ 5.6	0.8/14.6	22085
1985 UG_5	94 04 13.8	13 27.94	+03 53.6	18.1	−1.01	+ 3.4	4.7/10.2	22077
1981 WM	94 04 14.0	13 28.67	−01 48.3	17.0	−0.96	+ 4.2	2.9/11.9	22075
1978 PX_3	94 04 14.0	13 28.86	−18 31.1	18.3	−1.08	+ 5.0	3.4/16.7	16021
(5466)	94 04 14.2	13 29.36	−06 38.3	16.5	−0.76	+ 4.9	0.9/13.4	21771
1982 SX_5	94 04 14.2	13 29.58	−12 49.8	15.9	−0.91	+ 4.8	1.2/15.3	22824
(5413)	94 04 14.4	13 30.29	−09 13.6	15.3	−0.76	+ 4.3	0.1/14.4	21544
1991 UZ_2	94 04 14.4	13 30.38	−07 09.8	14.8	−0.74	+ 5.0	0.8/13.8	23349
1981 EZ_{23}	94 04 14.5	13 30.62	−10 03.3	19.4	−0.84	+ 6.3	0.2/14.7	21967
1992 UH_3	94 04 14.5	13 30.62	−11 46.2	16.7	−1.11	+ 3.5	0.9/15.2	21274
1981 EL_{32}	94 04 14.7	13 31.28	−26 46.9	19.0	−1.08	+ 0.6	6.5/19.2	22430
1988 TM_1	94 04 14.7	13 31.47	−10 00.9	17.6	−0.92	+ 5.9	0.1/14.9	20016
1983 RT_3	94 04 14.7	13 31.53	−25 32.5	18.4	−1.00	+ 3.0	4.9/19.4	22076
(5448)	94 04 14.8	13 31.68	−19 15.0	14.5	−1.03	+ 3.8	4.6/17.6	21557
1991 RN_{10}	94 04 15.0	13 32.40	−13 04.8	17.2	−0.88	+ 3.4	1.1/16.0	20509
1988 AA_5	94 04 15.0	13 32.47	−07 42.9	18.3	−0.77	+ 5.8	0.5/14.4	22272
1991 PR_{10}	94 04 15.0	13 32.63	−06 21.1	16.1	−0.85	+ 9.1	1.3/14.0	22084
1987 RQ_2	94 04 15.1	13 33.02	−06 52.0	18.3	−0.90	+ 4.7	0.9/14.4	22824
(5401)	94 04 15.2	13 33.22	−03 14.1	16.0	−0.88	+ 2.5	2.0/13.4	21247
1981 DV	94 04 15.4	13 33.70	−11 33.9	17.8	−0.78	+10.4	0.6/16.0	11044
1988 XQ	94 04 15.5	13 34.10	−21 30.1	18.3	−0.91	+ 6.5	3.5/19.3	21972
1985 VE	94 04 15.6	13 34.62	−03 45.0	15.9	−0.89	+ 7.5	2.6/13.7	19019
(5505)	94 04 15.7	13 34.84	−26 13.5	16.5	−0.89	+ 3.3	4.7/20.6	21913
1981 JE_3	94 04 15.7	13 34.96	−09 45.0	16.4	−0.83	+ 5.6	0.1/15.7	21968
1992 SR_1	94 04 15.7	13 35.13	−20 36.8	17.2	−1.03	+ 5.8	4.0/19.0	21270
1987 SM_4	94 04 15.9	13 35.71	−23 59.3	17.3	−0.93	+ 4.8	4.4/20.2	21971
1978 VC_6	94 04 16.1	13 36.31	−19 13.0	18.6	−0.91	+ 6.8	2.9/19.0	22073
1325 T-2	94 04 16.3	13 37.28	−11 21.3	17.8	−0.89	+ 3.4	0.4/16.7	21953
1991 RY_4	94 04 16.3	13 37.39	−10 41.5	19.1	−0.83	+ 5.4	0.2/16.6	22084
1991 RM_{15}	94 04 16.4	13 37.58	−13 54.7	17.4	−1.00	+ 5.2	1.5/17.5	22084
1991 VN	94 04 16.4	13 37.74	−07 34.1	19.7	−0.83	+ 5.1	0.7/15.7	21976
1984 MR	94 04 16.7	13 38.58	+01 14.4	16.6	−0.93	+ 7.4	4.3/13.0	18809
1988 PG_2	94 04 16.7	13 38.73	−05 29.8	19.1	−0.93	+ 5.7	1.6/15.3	20502
1981 SA_5	94 04 16.8	13 39.02	−09 50.3	16.5	−0.80	+ 5.0	0.1/16.7	22823
(5537)	94 04 16.8	13 39.14	−18 15.5	16.2	−1.08	+ 3.8	3.0/19.0	22037
(5554)	94 04 16.9	13 39.35	−23 11.1	17.5	−1.08	+ 4.6	4.5/20.6	22044

1981 SQ_2	94 04 17.0	13 39.62	−11 06.2	16.5	−1.05	+ 4.2	0.3/17.2 21968
3074 P-L	94 04 17.0	13 39.70	−15 27.2	16.3	−0.75	+ 7.4	1.7/18.7 22086
1991 NP_2	94 04 17.0	13 39.76	−22 37.9	16.9	−1.07	+ 3.6	5.0/20.4 21976
1987 UW	94 04 17.0	13 39.79	−09 53.3	18.0	−0.81	+13.5	0.1/16.9 22969
(5489)	94 04 17.1	13 40.21	+11 20.1	16.0	−0.86	+ 3.7	6.5/10.4 21780
1989 GB_4	94 04 17.1	13 40.34	−12 06.2	16.5	−0.83	+ 4.4	0.5/17.7 22081
1991 VL_{10}	94 04 17.2	13 40.78	−08 12.1	18.0	−0.78	+ 5.0	0.7/16.6 20511
1981 DB_3	94 04 17.3	13 40.98	−15 37.1	17.6	−0.85	+ 6.6	1.6/19.0 19015
1987 RD_1	94 04 17.4	13 41.46	−11 24.2	16.7	−0.89	+ 4.4	0.3/17.7 22078
(5418)	94 04 17.8	13 42.98	+02 01.4	18.0	−0.72	+ 6.7	3.2/13.7 21546
1982 TQ_2	94 04 17.9	13 42.97	−19 05.8	17.4	−1.10	+ 4.6	3.3/20.2 21968
1992 YB_1	94 04 18.0	13 43.60	−12 12.5	15.3	−0.83	+ 4.2	0.5/18.5 21801
1991 PS_{12}	94 04 18.0	13 43.62	+07 35.6	15.8	−0.78	+ 7.2	6.3/11.8 23349
1981 WH	94 04 18.0	13 43.72	−04 35.5	18.5	−0.93	+ 5.6	1.9/16.3 21968
2246 T-1	94 04 18.1	13 43.94	−09 20.5	16.3	−0.99	+ 4.2	0.5/17.8 21978
1981 EG_{21}	94 04 18.2	13 44.40	−04 33.7	18.2	−0.67	+ 4.7	1.6/16.3 17818
1981 EU_{22}	94 04 18.5	13 45.23	−13 56.2	15.7	−1.03	+ 4.7	1.4/19.4 21252
(5521)	94 04 18.7	13 46.04	+05 25.2	16.8	−0.89	+ 3.6	5.1/13.9 21920
1988 RS_6	94 04 18.8	13 46.55	−10 15.4	18.0	−1.05	+ 6.5	0.3/18.6 19022
1991 RO_2	94 04 18.8	13 46.73	−10 35.6	18.4	−0.94	+ 7.3	8.5/30.0 22273
1992 UB_4	94 04 18.9	13 46.71	−04 35.9	16.6	−1.03	+ 4.0	2.6/17.2 21589
1982 BS_1	94 04 19.0	13 47.12	−00 56.9	16.8	−0.89	+ 6.4	3.6/15.9 23347
1981 FR	94 04 19.0	13 47.15	−00 37.8	17.0	−0.78	+ 9.8	3.8/15.3 20329
1988 SP	94 04 19.0	13 47.34	−08 51.3	17.7	−0.96	+ 5.0	0.7/18.4 22431
1981 SZ_7	94 04 19.1	13 47.70	−09 43.6	16.2	−0.94	+ 1.6	0.4/18.8 22483
1982 UT_5	94 04 19.2	13 48.17	−12 45.7	16.7	−0.99	+ 7.1	0.6/19.8 22075
1977 RY_6	94 04 19.3	13 48.23	−17 13.7	17.9	−0.91	+ 2.6	1.8/21.0 21964
1992 WR_3	94 04 19.6	13 49.29	+11 09.7	15.8	−0.91	+ 1.7	8.0/13.4 23341
1934 RB	94 04 19.6	13 49.37	−02 50.5	15.1	−0.94	+ 8.5	3.6/16.9 21559
1988 BO_4	94 04 19.7	13 50.06	−25 10.7	15.6	−0.82	+ 4.9	4.5/24.0 22079
1981 ET_{20}	94 04 19.8	13 50.34	−21 10.9	18.2	−1.02	+ 0.6	4.1/22.3 22429
1991 RD_7	94 04 19.8	13 50.39	−24 22.9	17.1	−1.10	+ 0.7	4.3/23.0 20822
1980 EF	94 04 19.8	13 50.39	−22 21.6	16.2	−1.18	− 2.0	5.5/22.2 18804
1991 UC	94 04 19.9	13 50.43	−13 02.4	16.6	−0.82	+ 4.4	0.5/20.4 22815
1987 HS	94 04 19.9	13 50.71	+27 52.7	17.0	−0.91	+ 7.6	14.3/04.0 23348
1981 SO	94 04 20.0	13 51.05	−18 25.8	16.6	−1.07	+ 3.4	2.7/21.9 22074
1988 VD_3	94 04 20.2	13 51.63	−13 44.1	17.5	−0.96	+ 4.9	0.7/20.9 22493
1990 DK_3	94 04 20.2	13 51.93	−07 58.7	16.4	−0.86	+ 6.1	1.6/19.2 22082
1985 VD_1	94 04 20.3	13 52.12	−13 53.6	17.5	−0.78	+ 3.2	0.6/21.0 21970
(5473)	94 04 20.4	13 52.33	−04 35.9	17.0	−0.99	+ 3.2	2.4/18.6 21773
1331 T-2	94 04 20.5	13 52.87	−13 49.5	18.7	−0.86	+ 4.9	0.7/21.2 15080
2579 P-L	94 04 20.6	13 53.03	−12 40.9	16.0	−1.10	− 1.1	0.5/20.8 18130
1991 PM_{11}	94 04 20.6	13 53.16	−18 28.9	17.2	−0.94	+ 4.2	2.1/22.6 22084
1988 RE_6	94 04 20.6	13 53.43	−09 12.8	17.6	−0.96	+ 4.9	0.8/20.0 21258
1989 BD	94 04 20.7	13 53.64	−12 49.6	15.6	−0.97	+ 1.9	0.4/21.1 21972
(5472)	94 04 20.8	13 54.01	−12 13.9	16.9	−1.02	+ 4.8	0.2/21.0 21773
2277 T-2	94 04 21.1	13 55.22	−11 52.3	17.7	−0.88	+ 3.7	0.0/21.2 22088
1985 PC_2	94 04 21.4	13 56.02	−04 54.3	18.4	−0.72	+ 4.0	1.7/19.3 21970
(5417)	94 04 21.5	13 56.74	−14 27.7	16.7	−1.00	+ 5.4	0.9/22.3 21545
1984 HS_1	94 04 21.5	13 56.83	−12 24.6	16.0	−0.98	+ 6.4	0.2/21.7 22430
1968 OH	94 04 21.7	13 57.25	−27 00.0	17.3	−0.90	+ 6.0	5.0/26.3 22072
1979 HE_3	94 04 21.7	13 57.30	−08 58.0	16.0	−0.94	+ 3.0	1.4/20.9 22270
1977 EF_1	94 04 21.8	13 57.86	−01 54.9	15.9	−0.74	+11.0	3.9/18.3 23347
1988 CP_1	94 04 21.9	13 57.99	−07 30.2	17.7	−0.79	+ 4.5	1.4/20.6 22430
1987 XC	94 04 22.2	13 59.42	+00 00.8	17.7	−1.03	+ 1.3	4.0/19.2 21971
1981 EP_{37}	94 04 22.3	13 59.73	−15 28.3	19.5	−0.88	+ 5.1	1.0/23.3 21562
1981 EW_{21}	94 04 22.4	14 00.13	−12 30.9	16.4	−0.85	+ 5.2	0.1/22.6 21967
1988 XP	94 04 22.5	14 00.26	+00 55.0	17.8	−0.88	+ 5.4	4.2/18.6 22493
1984 SR_5	94 04 23.2	14 02.82	−14 42.0	17.4	−0.77	+ 2.9	0.6/23.8 22076
1985 TD_3	94 04 23.2	14 03.16	−16 22.9	17.7	−0.70	+ 7.8	0.9/24.6 22077
1975 VK_2	94 04 23.5	14 04.09	−09 01.7	17.0	−0.78	+ 3.8	1.0/22.5 21963
1981 EB_9	94 04 23.5	14 04.25	−31 15.3	16.8	−1.12	0.0	7.4/27.9 22823
4862 T-1	94 04 23.7	14 05.05	−04 06.0	16.1	−0.79	+ 8.0	3.0/21.1 23351
1990 SJ_{16}	94 04 23.7	14 05.06	−20 12.6	17.7	−0.77	+ 3.9	1.9/26.0 19306
1974 XT	94 04 23.9	14 05.69	+22 28.9	18.2	−0.94	+ 3.7	10.5/12.9 23347
1983 CY_2	94 04 23.9	14 05.74	−26 14.6	16.5	−0.88	+ 3.0	4.1/27.8 22075
1310 T-2	94 04 24.0	14 05.87	−12 01.9	19.1	−0.96	+ 4.5	0.2/23.8 20832
1991 XC_1	94 04 24.1	14 06.45	−03 03.6	17.5	−0.73	+ 3.0	2.4/21.4 22084
1989 BK	94 04 24.2	14 06.62	−00 57.2	17.7	−0.88	+ 3.6	3.4/21.0 21789
1987 UN	94 04 24.8	14 09.20	−05 12.5	15.7	−0.97	+ 1.4	2.5/23.0 23348
1981 GG	94 04 25.0	14 09.81	−12 07.8	15.9	−1.11	− 2.5	0.4/24.9 23347
2213 T-1	94 04 25.1	14 10.10	−19 54.4	17.3	−0.84	+ 2.0	2.0/26.9 21122
1979 MB_2	94 04 25.1	14 10.14	−04 19.5	17.7	−0.90	+ 5.1	2.9/22.7 22696
1991 PQ_{11}	94 04 25.1	14 10.16	−22 05.6	17.0	−0.96	+ 4.3	3.2/27.6 21976
1991 RP_{25}	94 04 25.2	14 10.57	−11 33.6	17.1	−0.84	+ 1.6	0.4/24.9 22494
3285 T-2	94 04 25.4	14 11.21	−10 57.6	17.8	−0.98	+ 4.1	0.7/24.8 15257
1979 SD_9	94 04 25.5	14 11.41	−12 39.9	18.5	−0.72	+ 3.3	0.1/25.3 21965
6626 P-L	94 04 25.6	14 12.05	−16 09.5	16.7	−1.01	+ 3.7	1.3/26.4 22087
1992 UM_6	94 04 25.6	14 12.13	−19 39.8	17.2	−1.02	+ 5.1	2.3/27.4 22273
1274 T-2	94 04 25.7	14 12.47	−14 39.8	18.1	−0.88	+ 3.9	0.5/26.1 21952
1978 SD_7	94 04 25.8	14 12.64	−13 32.3	16.1	−1.01	+ 7.4	0.1/25.9 13854
3058 T-1	94 04 25.9	14 13.09	−21 12.4	17.6	−1.14	+ 3.3	3.0/27.9 19322
(5534)	94 04 25.9	14 13.30	−18 25.7	17.0	−0.88	+ 3.1	1.3/27.3 22036
1976 UG_2	94 04 26.1	14 13.98	−16 57.7	17.5	−0.98	+ 4.6	1.2/27.1 20008
1989 AG	94 04 26.2	14 14.41	+06 27.2	16.1	−0.91	+ 1.2	7.4/21.3 23348
1991 VE_1	94 04 26.3	14 14.84	−21 28.4	16.6	−0.84	+ 7.2	2.5/28.8 21976
1992 WP_5	94 04 26.4	14 14.97	−06 56.7	15.3	−0.99	+ 4.4	3.0/24.7 22274
(5539)	94 04 26.5	14 15.49	−16 33.4	16.1	−0.96	+ 4.9	1.0/27.4 22038
1990 ST_6	94 04 26.6	14 15.73	−06 55.5	18.4	−0.77	+ 3.7	2.0/24.8 18297
1992 WY_1	94 04 26.6	14 15.84	−17 10.0	16.6	−1.04	+ 3.9	1.4/27.6 21277
2045 T-2	94 04 26.6	14 15.90	−27 05.0	16.0	−1.10	− 1.3	5.5/29.5 22087
1991 RA_1	94 04 26.7	14 16.24	−31 55.1	18.1	−1.05	+ 3.0	5.8/01.5 19034
1988 VE_7	94 04 26.8	14 16.67	−03 14.8	18.1	−0.88	+ 4.9	3.4/24.0 21972
1976 QP	94 04 26.9	14 16.71	−14 09.4	17.4	−0.98	+ 5.8	0.2/27.0 21964
1991 VD_2	94 04 27.1	14 17.49	−09 41.1	18.1	−0.74	+ 3.6	1.1/26.0 21976
(5437)	94 04 27.1	14 17.68	−25 56.0	15.6	−1.08	+ 3.5	5.2/30.2 21553
(5402)	94 04 27.1	14 17.82	−24 04.9	15.8	−1.07	+12.7	4.1/30.5 21247
2610 T-3	94 04 27.1	14 17.86	−17 29.5	17.3	−0.97	+ 4.7	1.6/28.2 22088
1991 RD_{24}	94 04 27.2	14 17.92	−03 00.2	16.0	−0.91	+ 4.6	4.6/24.2 20152
2327 T-3	94 04 27.2	14 17.98	−16 27.5	18.2	−0.84	+ 4.7	0.8/28.0 22088
1992 UK_6	94 04 27.5	14 19.25	−19 58.2	16.1	−1.04	+ 5.3	2.5/29.2 21276
1992 YE	94 04 27.8	14 20.15	−25 41.6	17.4	−1.06	+ 5.0	4.3/31.0 22488

1990 KE	94 04 27.8	14 20.30	−03 27.5	17.1	−0.80 + 8.5	3.4/24.5	19504
1981 EO_7	94 04 27.8	14 20.51	−07 53.2	17.9	−0.82 + 8.3	2.0/26.0	21966
4095 P-L	94 04 28.0	14 21.05	−15 42.3	19.2	−0.85 + 5.5	0.5/28.5	20829
1981 UA	94 04 28.2	14 21.68	−32 30.3	20.0	−1.33 − 0.6	5.7/01.9	15706
1988 XR	94 04 28.2	14 21.87	−14 38.7	18.3	−0.94 + 5.0	0.2/28.4	22493
1978 SM_5	94 04 28.3	14 22.20	−12 34.6	16.2	−0.91 + 2.9	0.6/28.0	22073
1992 WZ_5	94 04 28.4	14 22.76	−29 21.7	17.7	−0.95 + 7.1	4.8/03.2	21800
1988 RV_1	94 04 28.4	14 22.77	−18 02.1	17.8	−1.06 + 3.1	1.5/29.4	22401
1981 UZ_{24}	94 04 28.4	14 22.81	−12 01.0	17.0	−1.11 + 1.1	0.9/28.0	20630
1981 EX_{15}	94 04 28.5	14 22.85	−19 53.0	18.7	−0.93 + 4.0	1.9/30.0	22492
1975 SA_1	94 04 28.5	14 22.85	−17 57.1	16.2	−0.92 + 0.8	1.3/29.4	22491
1993 AJ	94 04 28.5	14 23.08	+07 02.4	17.2	−0.85 + 3.3	6.3/22.7	22085
1992 WV_3	94 04 28.5	14 23.16	−18 25.2	16.9	−1.06 + 3.0	1.6/29.6	22432
1993 CQ	94 04 28.6	14 23.44	+00 46.3	16.9	−0.79 + 3.8	4.3/24.5	21948
1988 TL	94 04 28.7	14 23.88	−16 47.6	17.0	−0.98 + 4.9	0.9/29.4	22272
1990 DL_3	94 04 29.0	14 24.78	−25 14.7	15.3	−1.12 + 0.6	5.1/01.4	19678
4180 T-2	94 04 29.0	14 24.99	−11 40.9	18.2	−0.98 + 4.7	0.9/28.4	22088
1991 UC_3	94 04 29.1	14 25.17	−12 10.3	18.3	−0.83 + 4.9	0.7/28.5	22084
1991 RD_4	94 04 29.3	14 25.83	−13 44.6	16.6	−0.89 + 7.6	0.3/29.1	20338
1991 PY_{12}	94 04 29.3	14 26.23	−32 52.0	17.5	−1.01 + 2.9	5.6/04.3	21795
3166 T-3	94 04 29.4	14 26.31	−11 38.8	18.2	−0.95 + 5.6	1.1/28.7	22702
1981 UE_{26}	94 04 29.4	14 26.53	−10 09.4	16.8	−0.81 + 3.6	1.3/28.3	22075
1991 PT_1	94 04 29.5	14 26.67	−11 14.8	16.1	−0.86 + 6.9	1.6/28.6	20821
1991 PX_{14}	94 04 29.5	14 26.88	−20 54.7	17.5	−0.99 + 6.3	2.5/01.3	20822
1981 DT_2	94 04 29.5	14 26.93	−37 24.2	17.2	−1.11 + 2.2	7.6/05.6	21966
1969 TT_1	94 04 29.5	14 26.96	−15 23.6	17.6	−0.98 + 4.0	0.3/29.8	22270
1992 UT_3	94 04 29.6	14 26.96	−10 46.6	16.6	−1.05 + 2.7	1.4/28.7	21798
1987 JA	94 04 29.7	14 27.46	−15 39.7	16.9	−1.05 + 3.5	0.4/30.0	22078
1981 JB_3	94 04 29.7	14 27.47	−11 34.2	16.1	−1.06 + 1.1	1.5/29.1	22271
7068 P-L	94 04 29.7	14 27.56	−12 36.4	18.0	−0.84 + 6.2	0.6/29.2	19876
1955 SF	94 04 29.7	14 27.74	−22 23.4	17.3	−1.13 + 3.8	3.2/01.7	22429
(5507)	94 04 29.8	14 28.06	−18 27.5	17.1	−0.94 + 3.9	1.3/30.9	21914
4181 T-3	94 04 29.9	14 28.25	−10 15.2	19.1	−1.03 + 4.7	1.7/28.8	21978
(5485)	94 04 30.1	14 28.99	−13 34.2	16.8	−0.90 + 3.2	0.4/29.9	22476
1990 OE_4	94 04 30.1	14 29.02	−12 55.9	17.5	−0.87 + 7.0	0.6/29.6	21974
1984 SZ_5	94 04 30.2	14 29.29	−22 56.3	16.3	−1.19 − 1.5	4.1/01.7	21969
1993 AN	94 04 30.2	14 29.36	−11 04.0	17.4	−0.78 + 3.5	1.1/29.3	22086
3196 T-1	94 04 30.3	14 29.66	−16 02.7	16.2	−0.84 + 5.0	0.5/30.7	22827
1158 T-2	94 04 30.3	14 29.82	−14 58.4	19.7	−0.95 + 5.1	0.1/30.4	20831
1981 ER_{11}	94 04 30.6	14 30.83	−18 45.0	19.2	−0.91 + 4.6	1.5/01.7	22429
(5519)	94 04 30.6	14 30.95	−05 55.2	17.0	−0.73 + 4.4	2.6/28.1	21919
1980 TK_6	94 04 30.6	14 31.07	−15 44.7	16.8	−0.92 + 6.9	0.3/30.9	21966
1125 T-2	94 04 30.7	14 31.35	−14 15.1	18.5	−0.74 + 3.7	0.2/30.6	22087
1987 WY	94 04 30.7	14 31.44	−18 31.2	17.3	−0.87 + 7.1	1.1/01.8	21971
4101 T-2	94 04 30.8	14 31.93	−12 41.2	16.6	−0.79 + 3.4	0.8/30.3	22244
1974 WB	94 04 30.9	14 32.09	−26 09.0	19.6	−0.89 + 6.0	3.3/04.2	6949
1985 TJ_1	94 05 01.2	14 33.40	−19 35.1	16.6	−0.92 + 0.9	1.5/02.3	17016
1985 SC_3	94 05 01.3	14 33.65	−15 08.6	17.7	−1.03 + 7.9	0.0/01.4	19018
1984 QJ	94 05 01.3	14 33.67	−11 36.5	17.7	−0.73 + 3.5	0.9/30.4	21969
1985 JL	94 05 01.3	14 33.79	−03 29.1	15.9	−0.91 − 1.2	5.3/29.0	23348
1989 AW_5	94 05 01.5	14 34.19	−10 52.4	17.8	−0.90 + 3.7	1.5/30.4	22226
1992 YU_2	94 05 01.5	14 34.25	−15 52.2	18.1	−0.89 + 5.2	0.2/01.7	21801
1976 AH	94 05 01.6	14 34.65	−31 09.9	14.5	−0.81 + 8.0	5.1/06.9	22598
1990 SX_{16}	94 05 01.7	14 35.02	−23 22.9	17.5	−0.91 + 1.5	2.5/03.6	21974
1981 SY_1	94 05 02.1	14 36.64	−22 51.5	15.6	−1.06 + 3.9	3.5/04.0	22074
1985 QP	94 05 02.3	14 37.24	−19 19.9	17.9	−1.12 + 3.9	1.6/03.2	19295
1988 VM_9	94 05 02.3	14 37.32	−18 22.0	16.5	−1.05 + 2.3	1.1/03.0	21972
1982 SO_5	94 05 02.5	14 38.06	−17 11.6	19.0	−0.94 + 3.9	0.6/03.0	13691
6530 P-L	94 05 02.6	14 38.55	−08 38.1	17.2	−0.89 + 5.4	2.3/30.8	21807
1992 WG_3	94 05 02.7	14 39.16	−14 51.8	17.8	−0.97 + 5.0	0.2/02.6	22274
4601 P-L	94 05 02.8	14 39.47	−13 10.3	18.2	−0.81 + 3.2	0.7/02.3	21978
(5481)	94 05 02.8	14 39.50	−26 48.6	15.6	−1.06 + 3.3	4.9/05.6	21776
1989 EH_1	94 05 02.9	14 39.61	−09 42.1	17.0	−0.83 + 4.9	2.1/01.4	22431
1978 PV_2	94 05 03.2	14 40.72	−26 10.6	16.4	−1.19 + 3.6	4.7/05.6	10630
1981 ED_{22}	94 05 03.3	14 41.16	−12 35.4	18.4	−0.87 + 4.9	1.2/02.5	22429
1990 KC_1	94 05 03.4	14 41.50	+08 55.0	16.8	−0.91 + 0.9	9.7/27.5	23349
3212 T-1	94 05 03.4	14 41.71	−19 53.8	16.7	−1.12 + 3.4	1.7/04.4	22087
1114 T-1	94 05 03.6	14 42.39	−13 22.5	16.7	−0.94 + 6.7	1.0/03.0	21978
1984 SY_5	94 05 03.7	14 42.61	−12 25.4	17.0	−0.74 + 3.3	0.9/02.8	22271
1984 WA_4	94 05 03.7	14 42.83	−22 38.9	16.7	−1.02 + 3.1	2.5/05.4	21786
1978 RX_1	94 05 03.7	14 43.06	−08 55.0	18.1	−1.03 + 5.1	2.6/02.1	22429
4262 T-1	94 05 03.8	14 43.19	−12 49.6	16.8	−0.89 + 2.9	1.1/03.1	21808
1981 EU_{20}	94 05 03.9	14 43.45	−17 36.8	17.1	−0.93 + 4.2	0.7/04.4	22823
1992 WM_5	94 05 03.9	14 43.57	−05 25.1	16.0	−0.96 + 2.0	3.8/01.6	22085
1978 RG_1	94 05 03.9	14 43.73	−13 20.0	17.9	−0.76 + 3.6	0.7/03.3	22270
1988 CP_2	94 05 04.0	14 44.15	−11 00.9	16.3	−0.83 + 3.8	1.7/02.8	22079
1993 AD	94 05 04.1	14 44.34	−28 13.2	17.2	−0.93 + 3.1	3.6/07.3	21802
(5585)	94 05 04.3	14 45.07	−44 38.9	17.9	−1.21 + 8.2	9.6/12.6	22210
1985 FD	94 05 04.3	14 45.13	+06 24.2	15.5	−0.95 − 1.3	9.4/29.5	23348
1324 T-2	94 05 04.4	14 45.71	−20 04.1	16.1	−1.05 + 1.3	1.9/05.3	21978
1988 CW_4	94 05 04.6	14 46.11	−20 36.5	16.7	−0.80 + 5.3	1.4/05.9	22599
1990 QZ_4	94 05 04.6	14 46.48	+05 27.2	17.4	−0.72 + 3.5	5.5/28.6	20926
1989 GF_4	94 05 04.7	14 46.66	−14 58.0	15.7	−0.84 + 6.8	0.4/04.4	20636
(5552)	94 05 04.7	14 46.72	−07 03.8	17.3	−0.80 + 4.8	2.5/02.4	22043
1990 QG	94 05 04.7	14 46.75	−24 08.2	19.6	−0.82 + 3.1	2.0/06.8	21974
1989 AD	94 05 04.7	14 46.77	−22 44.5	17.3	−1.01 + 3.2	2.1/06.3	22080
1977 QL_1	94 05 04.7	14 46.80	−22 56.6	17.1	−0.92 + 3.1	2.2/06.4	21964
1990 UF	94 05 04.8	14 47.25	−14 08.5	16.6	−0.78 + 5.0	0.6/04.4	22082
1981 EF_5	94 05 04.9	14 47.21	−16 14.9	17.8	−0.88 + 7.1	0.0/04.9	21966
(5510)	94 05 05.1	14 48.24	−06 39.7	16.7	−1.09 + 4.3	3.9/02.9	21916
1986 QS	94 05 05.1	14 48.25	−27 21.5	17.0	−0.94 + 2.5	3.3/07.8	22493
1980 TE_7	94 05 05.1	14 48.44	−08 02.6	16.8	−0.93 + 7.9	3.3/02.9	22074
1990 SV_{12}	94 05 05.2	14 48.74	−15 09.7	18.0	−0.76 + 3.0	0.3/05.0	18123
1989 YG_8	94 05 05.3	14 49.10	−10 08.1	17.2	−1.06 + 2.8	2.6/04.0	16879
1979 SU_{11}	94 05 05.4	14 49.33	−13 40.2	16.7	−0.78 + 3.1	0.7/04.8	23132
4253 T-2	94 05 05.8	14 50.94	−06 25.9	19.2	−0.98 + 5.6	3.8/03.3	21978
1979 MW_2	94 05 05.8	14 51.02	−11 53.4	18.7	−0.77 + 4.0	1.3/04.7	21965
1993 CO	94 05 05.8	14 51.07	−16 32.0	16.2	−0.85 + 3.0	0.0/05.9	21948
1991 PL_{17}	94 05 06.1	14 51.90	−29 25.0	18.5	−1.06 + 4.1	4.3/09.0	21578
1982 UP	94 05 06.1	14 51.96	−15 37.0	17.3	−1.06 + 5.6	0.3/05.9	22075
1987 HA	94 05 06.4	14 53.31	+08 37.5	16.6	−1.46 −13.2	12.8/06.2	23348
1991 PG_{11}	94 05 06.6	14 53.85	−07 33.4	17.0	−0.97 + 7.7	3.9/04.1	19507

(5494)	94 05 06.7	14 54.23	−18 24.6	16.1	−0.86 + 3.6	0.6/07.1	21909
1979 SR_2	94 05 06.7	14 54.55	−20 56.7	18.2	−0.79 + 3.2	1.1/07.8	22270
(5795)	94 05 06.8	14 54.96	−10 57.1	17.0	−1.08 + 1.8	2.1/05.7	22936
1990 QO_3	94 05 07.0	14 55.42	−29 34.1	16.9	−0.89 + 1.7	3.7/10.0	19866
1991 SF_1	94 05 07.1	14 55.72	−08 46.4	15.7	−0.88 +11.5	3.5/04.6	22084
(5544)	94 05 07.2	14 56.33	−30 46.3	16.7	−1.10 + 0.1	5.0/10.1	22040
(5512)	94 05 07.3	14 56.59	−11 53.7	16.0	−1.11 + 2.2	2.0/06.3	21916
1981 EF_{27}	94 05 07.3	14 56.66	−12 08.2	19.2	−0.85 + 5.5	1.9/06.1	11046
1120 T-3	94 05 07.4	14 57.15	−27 23.6	18.6	−0.90 + 4.0	3.2/10.1	22088
1988 QW	94 05 07.4	14 57.18	−21 26.7	17.5	−1.07 + 4.5	1.6/08.5	22431
2232 T-2	94 05 07.5	14 57.58	−11 35.1	17.9	−0.96 + 5.3	2.0/06.3	22601
1992 QR	94 05 07.7	14 58.20	+23 53.9	17.1	−1.07 + 5.7	17.1/24.0	20829
2066 T-1	94 05 07.8	14 58.59	−11 49.2	17.2	−1.05 + 4.6	2.0/06.6	21807
1213 T-1	94 05 07.8	14 58.75	−14 38.2	17.7	−0.95 + 5.6	0.8/07.3	21600
1993 BO	94 05 07.9	14 58.90	−14 37.9	16.6	−0.97 + 4.9	0.8/07.4	21803
2168 T-1	94 05 08.0	14 59.54	−03 30.0	18.1	−0.89 + 7.3	4.9/04.3	21951
1991 UV_2	94 05 08.0	14 59.68	−12 28.3	17.7	−0.96 + 1.3	1.4/07.2	19513
1991 TW_1	94 05 08.1	15 00.04	−16 20.4	17.3	−0.89 + 2.3	0.2/08.0	22084
1987 JG	94 05 08.6	15 01.58	−20 39.1	16.0	−0.95 + 7.5	1.6/09.5	18812
4391 T-3	94 05 08.7	15 02.34	−10 07.5	18.7	−1.09 + 3.5	2.9/07.2	22601
1992 YN	94 05 08.8	15 02.45	−21 40.2	16.5	−1.00 + 5.7	1.6/09.9	21800
1987 UW_1	94 05 09.0	15 03.15	−17 48.2	16.3	−0.88 + 6.2	0.2/09.2	22493
3109 P-L	94 05 09.2	15 04.13	−32 03.2	18.2	−0.90 + 4.6	4.8/13.0	14628
1991 RB_{25}	94 05 09.4	15 04.94	−13 32.3	16.5	−1.01 + 0.4	1.4/08.7	23349
3327 T-2	94 05 09.5	15 05.21	−14 55.0	18.3	−0.75 + 2.6	0.6/09.0	21126
1987 SC_1	94 05 09.8	15 06.31	−09 25.1	18.6	−0.88 + 3.7	2.4/07.9	21971
1991 VP_4	94 05 10.0	15 07.41	−08 51.3	18.6	−0.76 + 2.5	2.3/08.1	20339
2765 P-L	94 05 10.1	15 07.42	−18 36.1	20.3	−0.89 + 3.3	0.3/10.3	22694
2506 P-L	94 05 10.1	15 07.75	−31 57.8	18.0	−1.14 − 0.5	5.5/12.6	22086
1991 PF_{18}	94 05 10.2	15 07.94	−20 51.5	17.3	−0.94 + 4.7	1.1/11.0	20026
3186 T-3	94 05 10.3	15 08.45	−17 06.6	17.6	−1.02 + 3.1	0.2/10.3	21978
1990 QN_4	94 05 10.4	15 08.95	−13 45.0	17.4	−0.76 + 3.4	1.0/09.6	21974
1981 EG_1	94 05 10.4	15 08.97	−20 40.4	16.2	−0.97 + 2.2	1.2/11.1	22074
(5455)	94 05 10.4	15 08.98	−22 08.8	16.3	−1.11 + 3.1	1.8/11.4	21766
(5453)	94 05 10.5	15 08.94	−08 17.9	17.5	−0.99 + 5.2	3.5/08.3	21765
(5427)	94 05 10.6	15 09.56	−10 14.5	14.6	−0.99 +22.7	3.5/07.9	22577
1306 T-2	94 05 10.9	15 10.61	−17 07.0	18.5	−0.76 + 3.0	0.2/10.8	21978
1985 TB_3	94 05 11.2	15 11.88	−12 19.8	17.2	−1.04 + 5.4	2.2/10.0	17436
3286 T-1	94 05 11.3	15 12.16	−33 33.5	18.4	−1.11 + 0.3	5.6/14.4	21602
1955 UN_1	94 05 11.3	15 12.33	−27 41.8	16.5	−1.24 − 0.1	3.9/12.9	22072
1984 CF	94 05 11.3	15 12.34	−05 59.4	16.1	−0.90 + 0.7	4.3/09.1	22809
1990 SK_4	94 05 11.4	15 12.57	−09 36.8	15.6	−1.24 − 4.2	3.6/10.3	21974
1985 RD_3	94 05 11.4	15 12.61	−13 55.9	17.9	−1.07 + 3.9	1.6/10.6	11743
1986 RT_5	94 05 11.4	15 12.67	−23 53.8	17.0	−0.91 + 4.0	2.0/12.8	22430
1986 RK_1	94 05 11.5	15 13.31	−11 34.5	16.3	−0.84 + 4.0	2.0/10.1	22077
1981 EF_{19}	94 05 11.6	15 13.43	−22 41.3	19.6	−0.97 + 3.6	1.5/12.7	22429
1975 VN_5	94 05 11.7	15 13.77	−07 16.2	17.8	−0.91 + 3.3	3.4/09.3	20138
1978 VN_3	94 05 11.8	15 14.16	−17 22.2	19.7	−0.87 + 4.6	0.2/11.7	19856
1987 QW_7	94 05 11.9	15 14.71	−17 43.9	17.4	−0.98 + 4.5	0.1/11.9	22078
1991 TV_1	94 05 11.9	15 14.82	−17 44.8	18.0	−0.99 + 1.9	0.1/11.9	19509
1988 RK_8	94 05 12.1	15 15.40	−14 53.5	17.6	−1.02 + 4.7	1.2/11.4	21972
1980 FZ_3	94 05 12.8	15 18.19	−29 40.0	17.5	−1.18 + 2.7	4.3/15.1	21965
3365 T-2	94 05 12.9	15 18.72	−18 14.5	18.5	−0.77 + 2.5	0.0/13.0	21978
1981 US_{22}	94 05 13.1	15 19.42	−13 32.9	17.4	−1.08 + 1.8	1.9/12.3	20629
1988 US	94 05 13.2	15 19.53	−23 16.1	16.5	−1.07 + 4.8	2.0/14.0	22080
1980 UW_1	94 05 13.4	15 20.67	−21 12.7	18.1	−1.04 + 3.9	1.1/14.0	21966
4240 T-2	94 05 13.4	15 20.76	−15 20.1	18.2	−1.00 + 2.9	1.1/12.9	22088
1979 UC_4	94 05 13.4	15 20.76	−21 59.9	18.2	−0.96 + 2.8	1.1/14.2	18804
1990 DD_2	94 05 13.5	15 21.14	−13 16.0	16.3	−0.89 + 5.1	2.5/12.4	17444
1992 AK_1	94 05 13.6	15 21.42	−15 25.1	17.2	−0.75 + 2.5	0.8/13.0	22084
1980 FN_1	94 05 13.7	15 21.81	−18 01.7	16.9	−1.05 + 3.7	0.2/13.7	22429
1981 ER_{25}	94 05 14.0	15 22.86	−12 48.3	19.5	−0.90 + 4.2	1.9/12.8	21932
3211 T-2	94 05 14.1	15 23.17	−17 03.5	17.3	−0.82 + 2.0	0.5/13.8	15728
1979 YQ	94 05 14.2	15 23.46	−11 16.5	17.5	−0.93 + 1.7	2.2/12.8	22073
4606 P-L	94 05 14.3	15 23.91	−18 43.2	16.6	−1.04 + 2.4	0.0/14.3	18830
(5629)	94 05 14.5	15 24.65	−03 43.1	16.0	−0.76 + 3.0	4.4/11.2	22395
(5415)	94 05 14.5	15 24.68	−13 53.4	17.0	−1.01 + 5.1	1.8/13.5	21545
1991 PO_{13}	94 05 14.5	15 24.94	−27 21.3	17.0	−1.16 + 2.1	3.9/16.1	22486
1978 RL_1	94 05 14.7	15 25.46	−16 04.0	17.6	−0.78 + 3.0	0.8/14.1	21964
1988 RL_9	94 05 14.8	15 25.91	−27 46.1	16.6	−1.15 + 3.5	3.6/16.6	17442
4545 P-L	94 05 14.9	15 26.44	−17 31.8	16.8	−0.84 + 3.4	0.4/14.7	17836
(5689)	94 05 15.0	15 26.71	−18 52.7	17.6	−0.87 + 4.6	0.0/15.0	22584
1985 QM_5	94 05 15.0	15 27.04	−14 52.0	17.5	−0.84 + 3.2	1.3/14.2	18426
1990 VL_8	94 05 15.0	15 27.06	−15 30.0	17.6	−0.79 + 2.6	1.0/14.4	18299
1992 YM	94 05 15.1	15 27.02	+01 19.2	17.0	−0.94 + 0.2	7.1/11.5	22058
3290 T-2	94 05 15.1	15 27.44	−22 35.4	17.3	−0.85 + 1.3	1.2/15.9	22088
1986 CB	94 05 15.2	15 27.49	+14 29.8	18.9	−0.95 + 1.6	10.0/08.2	22077
(5497)	94 05 15.2	15 27.52	−08 46.6	16.6	−0.77 + 5.4	3.2/12.8	21910
1984 SU	94 05 15.2	15 27.54	−22 08.1	18.5	−1.06 + 3.8	1.2/15.9	20012
4068 T-2	94 05 15.2	15 27.55	−19 03.7	19.7	−0.93 + 2.2	0.1/15.3	22701
1991 RN_{11}	94 05 15.2	15 27.69	−14 41.7	18.3	−0.98 + 3.0	1.4/14.4	21976
1991 UL_4	94 05 15.3	15 28.04	−16 07.1	18.8	−0.91 + 2.3	0.8/14.8	20028
1992 OG	94 05 15.3	15 28.08	+26 03.6	17.2	−1.11 + 2.8	18.7/02.1	22432
1986 RC_1	94 05 15.5	15 29.06	−21 17.6	15.8	−0.95 + 2.6	1.0/16.1	20144
1981 WA_1	94 05 15.7	15 29.40	−14 38.1	16.7	−0.84 + 2.8	1.4/14.8	21968
1973 SJ_1	94 05 15.8	15 29.87	−15 59.0	17.0	−0.67 + 2.8	0.8/15.2	22072
1978 VV_6	94 05 15.8	15 30.26	−19 41.8	18.0	−1.12 + 2.1	0.3/16.0	22598
1990 SH_{28}	94 05 15.9	15 30.59	−19 24.6	17.6	−0.82 + 2.8	0.1/16.1	22082
(5531)	94 05 16.0	15 30.61	−02 04.2	17.1	−0.82 + 5.3	5.9/12.0	21924
(5628)	94 05 16.0	15 30.69	−22 48.7	16.2	−0.90 + 4.0	1.3/16.8	22395
1990 UY_3	94 05 16.3	15 31.77	−15 41.1	17.8	−0.84 + 0.9	1.0/15.7	22054
1220 T-1	94 05 16.3	15 32.13	−21 14.3	16.9	−1.01 + 4.0	0.9/16.8	22274
1991 PJ_{15}	94 05 16.5	15 32.93	−13 37.9	16.7	−1.00 + 2.8	2.6/15.5	20508
1985 VL	94 05 16.5	15 33.01	−09 50.0	16.5	−0.74 + 6.4	2.9/14.3	18110
(5567)	94 05 16.5	15 33.05	−39 17.2	14.6	−1.17 − 2.0	7.4/19.0	22203
1991 PO_{10}	94 05 16.6	15 32.96	−12 28.7	15.7	−0.97 + 6.4	2.8/15.1	21976
1986 QJ_1	94 05 16.6	15 33.25	+01 31.6	17.8	−0.87 + 3.7	7.5/11.8	23236
1988 DD_3	94 05 16.7	15 33.40	−27 15.0	17.1	−0.86 + 5.1	2.7/18.6	21971
1981 EW_8	94 05 17.0	15 34.68	−17 19.2	19.9	−0.93 + 4.2	0.6/16.6	21966
1989 PA	94 05 17.3	15 36.05	−50 49.1	16.9	−1.62 +10.1	13.4/26.4	21973
1987 QF_3	94 05 17.3	15 36.09	−09 40.8	16.8	−0.95 + 3.0	4.0/15.5	21971
1990 FQ_1	94 05 17.3	15 36.17	−03 23.0	14.7	−0.87 +16.0	6.6/12.1	21974

1980 TQ_{14}	94 05 17.4	15 36.28	−13 33.2	17.7	−0.98	+ 3.4	2.1/16.3	21966
1987 VB_1	94 05 17.5	15 36.80	−24 46.7	18.6	−1.00	+ 2.1	1.7/18.5	20501
1991 PK_{11}	94 05 17.5	15 36.96	−29 21.2	17.0	−0.96	+ 3.3	3.1/19.6	22084
5485 T-2	94 05 17.6	15 37.31	−27 47.7	17.4	−1.06	+ 4.3	3.2/19.4	21604
1991 NB_4	94 05 17.6	15 37.39	−23 02.8	16.6	−1.06	+ 4.8	1.4/18.4	21578
2192 T-3	94 05 17.8	15 37.79	−20 29.5	19.3	−1.06	+ 3.9	0.4/18.0	22088
1991 UA_2	94 05 17.8	15 37.89	−21 02.4	16.6	−0.89	+ 3.1	0.6/18.2	21976
1981 ES_{23}	94 05 17.8	15 38.12	−17 05.0	19.2	−0.94	+ 3.3	0.8/17.4	21931
1988 PL	94 05 18.0	15 38.60	−17 36.3	16.8	−1.08	+ 4.7	0.8/17.6	21971
1985 TW_3	94 05 18.2	15 39.30	−21 12.9	15.4	−1.18	+ 1.0	0.8/18.5	19296
1982 UC_6	94 05 18.2	15 39.40	−24 13.5	18.0	−0.95	+ 3.2	1.6/19.0	20011
1280 T-1	94 05 18.3	15 40.09	−09 28.4	16.4	−0.75	+ 4.4	3.2/16.1	22701
(5611)	94 05 18.3	15 40.10	−37 36.7	16.5	−1.15	+ 1.2	6.3/21.6	22388
1988 KA	94 05 18.4	15 40.30	−15 34.7	14.5	−1.11	+ 1.3	2.0/17.8	22079
3288 T-2	94 05 18.4	15 40.44	−18 55.2	17.3	−0.82	+ 1.9	0.2/18.4	15729
1980 UL	94 05 18.9	15 42.54	+17 14.1	18.5	−0.94	+ 3.7	13.0/08.9	19015
1981 TT	94 05 19.0	15 42.98	−15 28.1	16.9	−1.04	+ 5.7	1.9/18.2	18808
(5670)	94 05 19.2	15 43.48	−34 52.8	16.3	−0.88	+ 6.2	4.3/22.9	22580
(5549)	94 05 19.2	15 43.56	−40 20.9	16.6	−1.23	− 0.7	8.2/22.5	22042
1991 PE_3	94 05 19.4	15 44.23	−15 37.1	18.4	−0.99	+ 2.7	1.4/18.7	22083
4835 T-1	94 05 20.1	15 46.91	−43 11.8	15.4	−1.95	− 9.6	12.2/20.6	22087
(5526)	94 05 20.4	15 48.42	−14 41.0	16.2	−0.89	+ 6.9	1.8/19.3	21922
1991 RE_{15}	94 05 20.4	15 48.46	−35 49.7	16.1	−1.23	+ 0.3	7.8/22.6	19680
1977 EL	94 05 20.6	15 48.91	−07 12.6	15.7	−0.94	+ 1.5	6.7/18.4	21964
4193 T-1	94 05 20.6	15 49.09	−15 56.6	18.9	−0.99	+ 2.7	1.4/19.9	22432
1978 RY_6	94 05 20.6	15 49.32	−33 42.7	17.3	−0.88	+ 2.2	3.9/23.3	17815
(5493)	94 05 20.7	15 49.47	−27 07.3	15.2	−1.03	+ 1.6	3.4/21.9	21781
1980 TO_5	94 05 20.7	15 49.60	−16 47.6	17.0	−0.80	+ 4.9	1.0/20.1	22074
1989 NB_1	94 05 20.8	15 49.99	+07 03.5	15.4	−0.76	+ 1.1	8.9/15.4	23348
(5514)	94 05 20.9	15 50.22	−09 50.9	17.5	−0.91	+ 2.8	3.5/19.1	21917
(5498)	94 05 20.9	15 50.48	−18 15.7	17.0	−1.06	+ 4.4	0.8/20.6	21911
1985 GK	94 05 20.9	15 50.48	−08 05.7	16.6	−0.84	+ 6.7	4.5/18.3	21104
5447 T-2	94 05 21.2	15 51.51	−37 25.5	16.5	−1.07	+ 3.0	8.8/24.0	16589
(5542)	94 05 21.2	15 51.76	+01 16.1	16.6	−0.92	+ 0.5	7.2/17.7	22039
1986 GD	94 05 21.4	15 52.49	−23 48.2	16.6	−1.12	− 0.5	1.6/22.0	22271
1991 PZ_{12}	94 05 21.8	15 54.00	−29 12.0	18.0	−1.07	+ 3.1	3.2/23.4	20338
1984 UX_1	94 05 22.2	15 55.69	−24 04.6	17.5	−1.09	+ 0.7	1.4/22.8	22076
1977 DY_3	94 05 22.2	15 55.76	−21 40.1	16.3	−0.87	+ 1.8	0.5/22.5	20009
1992 YW_3	94 05 22.4	15 56.33	−11 42.5	16.8	−0.93	− 0.3	2.8/21.3	22274
3266 T-1	94 05 22.5	15 56.85	−21 31.6	17.8	−0.84	+ 2.3	0.4/22.8	22432
1991 TY	94 05 22.6	15 57.05	+14 15.1	19.2	−1.01	+ 0.6	11.9/15.5	22594
1993 DT	94 05 22.7	15 57.51	−32 23.3	17.6	−1.05	+ 3.5	4.0/24.9	22239
1981 EP_{13}	94 05 22.7	15 57.68	−29 29.8	16.7	−1.17	+ 3.9	4.2/24.0	21966
1993 CN	94 05 22.8	15 58.05	−09 08.7	16.4	−0.83	+ 0.3	3.5/21.2	22274
1989 EC_3	94 05 22.8	15 58.18	−09 07.8	17.9	−0.89	+ 4.2	4.0/20.8	21973
1991 TM	94 05 22.9	15 58.34	−07 49.2	15.7	−0.94	+ 2.4	5.7/20.7	22494
1991 PA_{11}	94 05 22.9	15 58.50	−12 28.2	16.0	−1.02	+ 5.1	3.3/21.4	21976
(5892)	94 05 23.0	15 58.88	−13 28.5	17.7	−0.99	+ 2.9	2.3/21.9	23328
1989 DK	94 05 23.3	16 00.01	−36 11.4	16.4	−1.07	+ 4.8	5.5/26.5	22080
1993 AB	94 05 23.3	16 00.12	−16 29.5	18.0	−0.99	+ 0.3	1.4/22.8	22085
1993 BR_2	94 05 23.4	16 00.15	−27 08.9	17.8	−0.95	+ 2.1	2.1/24.5	21803
(5520)	94 05 23.5	16 00.72	−30 54.1	16.1	−0.91	+ 3.7	3.3/25.5	21920
(5565)	94 05 23.7	16 01.63	−05 59.3	16.8	−0.82	+ 2.0	4.3/21.2	22048
1988 TC_1	94 05 23.8	16 02.03	−26 27.7	16.9	−1.12	+ 1.9	2.2/24.7	21972
1991 WB	94 05 23.9	16 02.12	−01 28.6	17.7	−1.01	− 2.8	5.4/21.8	21579
(5566)	94 05 24.2	16 03.47	−18 34.4	16.8	−0.79	+ 2.2	0.6/23.9	22048
1991 RA_{16}	94 05 24.4	16 04.44	−14 53.7	17.0	−0.91	+ 1.7	2.0/23.6	22084
1984 SQ_4	94 05 24.4	16 04.57	−09 53.7	16.5	−0.76	+ 7.3	3.7/22.0	21969
1988 CF_5	94 05 24.5	16 04.70	−09 54.9	16.8	−0.89	+ 4.2	3.5/22.5	21971
1983 CQ_3	94 05 24.5	16 04.77	−27 25.8	17.0	−0.93	+ 3.3	2.0/25.7	19673
1982 FK_3	94 05 24.5	16 04.91	−14 46.8	17.3	−0.99	+ 3.6	2.3/23.6	16023
(5491)	94 05 24.7	16 05.74	−29 10.6	16.9	−1.19	+ 2.9	3.4/26.1	21781
1943 DF	94 05 24.9	16 06.72	−55 42.3	17.3	−1.86	+ 0.1	13.1/31.7	22967
1978 UV	94 05 25.0	16 06.95	−23 41.0	17.3	−0.95	+ 1.2	0.8/25.5	22270
1991 PJ_7	94 05 25.1	16 07.04	−30 30.4	18.4	−1.18	+ 2.3	4.0/26.5	22826
1990 BF_2	94 05 25.1	16 07.31	−18 55.1	15.9	−1.11	+ 0.8	0.9/24.9	21973
1988 VN_7	94 05 25.3	16 07.82	−21 20.0	18.6	−1.14	− 0.1	0.2/25.4	20503
1981 EV_{24}	94 05 25.3	16 07.98	−25 34.3	19.8	−1.01	+ 2.2	1.6/26.0	21967
(5548)	94 05 25.4	16 08.30	−35 47.5	16.5	−0.97	+ 2.0	4.6/27.8	22041
1985 QR	94 05 25.5	16 08.74	−06 19.4	17.4	−0.78	+ 2.2	4.3/23.1	22076
(5524)	94 05 25.5	16 08.89	−11 19.3	15.7	−1.01	− 0.1	4.2/24.4	21921
(5410)	94 05 26.0	16 10.83	−15 17.6	17.5	−0.85	+ 2.0	1.8/25.2	21543
1987 YH	94 05 26.3	16 12.04	−09 06.5	17.7	−0.84	+ 2.1	3.6/24.5	22079
1991 XR_1	94 05 26.4	16 12.48	−22 46.4	17.1	−0.88	+ 1.8	0.5/26.7	23134
1978 VG_{11}	94 05 26.5	16 12.89	−21 18.4	18.3	−1.00	+ 0.5	0.1/26.6	21965
1982 QY_1	94 05 26.5	16 13.08	−21 00.6	16.0	−0.93	+ 4.6	0.1/26.6	19497
(5644)	94 05 26.6	16 13.07	−01 17.2	16.9	−0.74	+ 2.5	5.6/23.2	22479
1992 WM_3	94 05 26.7	16 13.90	−20 17.8	16.1	−1.14	+ 1.5	0.4/26.7	21799
1990 QV_4	94 05 26.8	16 14.17	−06 50.3	17.2	−0.79	+ 0.9	4.2/24.8	17214
1984 TD	94 05 26.9	16 14.65	−21 18.5	18.2	−0.79	+ 2.0	0.0/27.0	18110
1988 VO_5	94 05 26.9	16 14.68	−23 08.3	16.9	−1.09	+ 0.3	0.7/27.2	22080
1991 RK_2	94 05 27.0	16 14.90	−09 35.8	16.7	−1.00	+ 2.4	4.6/25.3	20026
1981 DS_1	94 05 27.1	16 15.27	−31 35.1	18.3	−1.04	+ 4.1	3.7/28.9	22696
1990 OB	94 05 27.3	16 15.95	−03 28.3	16.5	−0.81	+ 4.7	5.1/23.8	22082
1983 VS_1	94 05 27.4	16 16.76	−27 12.2	18.1	−1.01	+ 1.5	1.9/28.3	22599
1984 UK_1	94 05 27.5	16 16.75	−19 33.0	16.8	−1.00	+ 3.7	0.7/27.2	22076
3271 T-1	94 05 27.5	16 16.75	−24 36.1	16.9	−0.95	+ 2.1	1.2/28.0	22827
1991 PC_6	94 05 27.5	16 17.05	−10 40.5	18.6	−1.00	+ 1.3	4.0/26.1	22083
1983 PY	94 05 27.5	16 17.13	−09 03.8	16.3	−0.95	+ 6.1	5.7/25.1	21969
1973 UC	94 05 27.6	16 17.48	−29 25.1	18.6	−1.06	+ 0.6	2.7/28.6	22072
1953 TA_1	94 05 27.8	16 18.26	−16 47.6	17.5	−1.07	+ 4.8	1.9/27.1	22598
2416 T-3	94 05 27.9	16 18.35	−22 30.2	16.1	−1.06	+ 3.1	0.4/28.1	22702
1993 BL_3	94 05 27.9	16 18.52	−22 43.7	15.8	−1.13	− 0.1	0.5/28.1	22274
1978 UL_4	94 05 27.9	16 18.67	−11 48.4	18.2	−0.89	+ 5.5	3.2/26.2	20806
9509 P-L	94 05 28.2	16 19.66	−04 39.4	17.9	−0.86	+ 6.3	7.2/24.6	16036
1982 BU	94 05 28.2	16 19.84	+06 16.0	17.4	−1.09	− 4.5	9.8/26.6	22223
1985 PL_1	94 05 28.4	16 20.76	−06 37.9	17.9	−0.81	+ 4.4	5.1/25.8	22698
1985 TA_2	94 05 28.5	16 21.20	−32 27.4	16.5	−0.91	+ 3.0	3.3/30.3	22824
1991 PF_{15}	94 05 28.6	16 21.42	−23 27.9	15.1	−1.03	+ 4.8	1.0/29.0	21976
1975 LQ	94 05 28.6	16 21.57	−11 29.4	16.4	−0.95	+ 3.1	4.5/27.1	22072
1978 SH_3	94 05 28.8	16 22.10	−17 45.3	16.8	−1.09	+ 4.2	1.6/28.2	21964
(5522)	94 05 28.8	16 22.21	−22 59.9	17.2	−1.03	+ 2.7	0.5/29.1	21921

1971 UQ	94 05 28.9	16 22.51	−22 53.6	17.7	−1.15	+ 0.9	0.6/29.0 22696
1993 DO	94 05 28.9	16 22.58	−05 49.2	17.0	−0.79	+ 1.8	4.7/26.6 22274
1977 DD_1	94 05 29.0	16 22.97	−11 38.8	16.6	−1.07	+ 2.0	4.2/27.7 22072
1991 RX_{10}	94 05 29.0	16 23.30	−41 56.2	17.8	−1.29	− 0.7	8.3/31.1 22494
1973 UR_5	94 05 29.2	16 23.81	−24 21.9	18.6	−1.08	+ 1.7	1.0/29.6 21963
2763 P-L	94 05 29.2	16 23.88	−20 01.0	19.2	−0.86	+ 1.5	0.5/29.0 20514
1993 BA_8	94 05 29.3	16 24.29	−18 00.3	16.0	−0.87	+ 2.9	1.3/28.8 22957
6571 P-L	94 05 29.4	16 24.41	−18 11.6	18.0	−0.83	+ 1.5	1.0/28.9 21978
1979 MM_8	94 05 29.4	16 24.74	−15 39.0	17.3	−0.98	+ 3.1	2.5/28.6 22073
1982 UX_5	94 05 29.6	16 25.35	−24 16.3	17.7	−0.93	+ 3.1	0.9/30.0 22697
1991 PV_{17}	94 05 29.6	16 25.71	−21 06.3	17.9	−1.06	+ 1.4	0.2/29.6 20025
1983 AA	94 05 29.7	16 25.69	−51 55.8	17.4	−1.59	+10.0	12.0/06.7 21969
1987 VC_1	94 05 29.7	16 25.94	−26 32.6	17.1	−1.03	+ 0.8	1.8/30.3 22079
1978 RH_9	94 05 29.8	16 26.41	−13 18.9	17.3	−1.01	+ 2.2	4.2/28.7 22270
1969 UP_1	94 05 30.1	16 27.32	−26 40.8	16.5	−1.20	− 0.2	2.2/30.6 21963
1990 EU_4	94 05 30.4	16 28.56	−28 52.5	17.9	−1.13	+ 2.4	3.1/31.3 20637
1993 BC	94 05 30.4	16 28.72	−22 23.5	18.0	−1.04	+ 2.7	0.2/30.5 22957
1991 SS_1	94 05 30.5	16 29.20	−26 29.0	20.4	−1.15	+ 0.9	1.6/31.1 20027
1991 FN	94 05 30.7	16 29.79	−58 28.0	16.0	−2.12	− 4.9	18.1/02.2 21576
(5616)	94 05 30.7	16 30.00	−20 34.1	17.2	−0.97	+ 1.2	0.4/30.6 22390
1990 OT_4	94 05 30.8	16 30.28	−00 22.0	16.5	−0.84	+ 1.6	9.3/27.6 22970
1990 VY_6	94 05 30.9	16 30.99	−28 36.7	16.0	−1.10	− 4.4	2.5/31.3 22273
1982 UY_6	94 05 31.0	16 30.96	−28 45.5	16.3	−1.10	− 1.0	2.9/31.6 21969
3105 T-1	94 05 31.1	16 31.77	−25 27.0	17.4	−1.03	+ 2.4	1.6/31.6 21978
1991 GB_1	94 05 31.2	16 32.31	−55 16.0	15.7	−2.10	− 9.9	17.3/30.6 21975
1991 PY_{11}	94 05 31.3	16 32.15	−16 26.4	14.9	−0.94	+ 5.1	2.7/30.4 22600
(5580)	94 05 31.3	16 32.54	−29 36.9	16.4	−1.19	+ 0.8	3.0/01.2 22577
1986 QY	94 05 31.4	16 33.01	−28 12.7	17.4	−0.97	+ 1.1	2.0/01.2 22077
(5570)	94 05 31.5	16 33.21	−06 48.1	16.3	−0.75	+ 2.2	4.6/29.4 22204
1105 T-1	94 05 31.6	16 33.59	−12 44.9	18.1	−0.88	+ 2.8	3.2/30.4 21121
1266 T-2	94 05 31.7	16 33.90	−33 13.7	17.3	−1.16	+ 1.1	4.9/01.9 21978
1991 RT_5	94 05 31.8	16 34.63	−30 03.4	16.8	−1.18	− 1.1	3.5/01.5 20509
1988 EC	94 06 01.0	16 35.18	−59 11.1	16.7	−2.05	0.0	17.6/04.7 22079
4343 T-3	94 06 01.3	16 36.43	−04 32.0	16.0	−0.83	+ 2.7	7.5/30.1 22702
1981 EB_{15}	94 06 01.7	16 37.97	−22 34.1	19.1	−0.98	+ 2.8	0.2/01.8 22697
1993 BM	94 06 01.9	16 38.79	−35 04.7	16.7	−1.04	+ 2.5	4.6/03.6 22238
1984 SR	94 06 02.0	16 39.42	−53 31.2	19.4	−1.58	− 0.4	9.6/04.8 22076
1991 UG_3	94 06 02.1	16 39.69	−26 52.1	17.1	−1.11	+ 2.3	1.9/02.7 20028
1991 RS_1	94 06 02.1	16 39.87	−40 54.4	16.5	−1.17	+ 1.3	6.1/04.3 22084
4087 P-L	94 06 02.3	16 40.80	−25 26.5	18.0	−1.05	+ 1.6	1.3/03.0 22086
(5499)	94 06 02.5	16 41.57	−25 22.2	17.1	−1.13	+ 2.4	1.3/02.9 21911
(5571)	94 06 02.6	16 41.64	−29 14.0	16.3	−0.90	+ 3.9	2.3/03.6 22205
1981 ER_{23}	94 06 02.7	16 42.44	−21 20.8	19.5	−0.99	+ 1.3	0.3/02.7 22074
1990 OK_2	94 06 02.8	16 42.57	−20 57.4	17.5	−0.94	+ 0.4	0.4/02.7 18633
1978 SC_7	94 06 02.9	16 43.06	−40 26.7	18.0	−1.16	+ 0.2	5.9/04.7 22073
1987 WS_3	94 06 03.0	16 43.37	−19 18.8	16.7	−0.96	+ 5.1	1.0/02.6 21568
1991 UY_3	94 06 03.1	16 43.66	−18 45.7	18.8	−1.00	+ 2.8	1.2/02.7 19515
1991 PJ_3	94 06 03.3	16 44.46	−30 21.0	17.7	−1.16	+ 1.7	3.2/04.1 21794
1973 SQ_3	94 06 03.5	16 45.36	−12 34.6	16.9	−1.01	+ 3.6	4.1/02.2 21963
2146 T-1	94 06 03.5	16 45.39	−19 51.9	16.5	−0.83	+ 1.5	0.8/03.3 22087
1990 QQ_1	94 06 03.5	16 45.41	−43 13.9	18.2	−1.00	+ 1.3	5.3/05.9 21974
2181 T-2	94 06 03.5	16 45.69	−17 43.6	16.5	−0.92	+ 2.3	1.8/03.1 16883
1981 TJ	94 06 03.6	16 45.87	−19 54.1	16.7	−0.90	+ 3.0	0.9/03.3 20497
1974 PC	94 06 03.8	16 46.53	+16 44.8	18.2	−1.09	− 0.4	16.6/27.9 18802
1990 OD	94 06 03.8	16 46.56	−14 10.6	14.8	−0.85	+ 9.9	3.8/02.1 19027
1991 GN	94 06 03.8	16 46.82	+09 03.0	15.0	−1.11	+12.5	14.6/26.8 21975
1990 RE_7	94 06 03.8	16 46.92	−37 07.8	17.9	−1.00	+ 0.7	4.5/05.3 22494
2514 P-L	94 06 04.0	16 47.60	−40 48.6	19.6	−1.20	− 1.5	7.5/05.1 22700
1988 JN	94 06 04.0	16 47.69	+12 01.4	16.4	−0.75	− 0.5	11.6/31.2 23348
(5672)	94 06 04.1	16 48.11	−04 59.3	16.1	−0.94	+ 2.2	7.2/02.2 22580
1607 T-2	94 06 04.4	16 49.02	−34 53.5	18.4	−1.20	+ 1.4	4.9/05.6 21978
1987 SG_2	94 06 04.4	16 49.44	−12 06.3	17.7	−0.92	+ 1.7	3.5/03.4 22078
1981 ES_{33}	94 06 04.6	16 49.80	−32 43.2	18.0	−1.09	+ 2.5	4.3/05.7 22697
1993 BV_2	94 06 04.7	16 50.31	−25 25.9	16.7	−1.00	+ 2.6	1.0/05.1 22274
1991 UL_2	94 06 05.0	16 51.44	−17 28.0	16.4	−0.95	+ 0.6	1.8/04.6 22431
1988 XZ	94 06 05.1	16 51.87	−22 05.9	15.9	−1.03	+ 3.7	0.2/05.1 22080
1977 QD_2	94 06 05.6	16 53.93	−32 45.8	17.1	−1.22	+ 0.8	4.5/06.4 22073
1989 BE_1	94 06 05.6	16 54.11	−19 03.7	17.4	−1.01	+ 0.6	1.3/05.4 21789
1978 RU	94 06 05.6	16 54.34	−30 17.4	15.8	−0.96	− 0.7	3.9/06.2 21964
3422 T-3	94 06 05.6	16 54.38	−35 21.5	16.2	−1.09	− 1.5	4.7/06.5 22601
1989 RS	94 06 05.8	16 54.84	−05 20.6	16.5	−0.72	+ 2.3	5.0/03.7 17824
(5444)	94 06 05.8	16 55.10	−21 26.9	16.5	−1.06	+ 1.5	0.4/05.8 21556
1972 RX_1	94 06 06.0	16 55.74	−16 26.7	17.7	−1.00	+ 2.0	2.2/05.4 21963
1981 ER_{18}	94 06 06.1	16 56.09	−30 31.6	18.9	−1.07	+ 1.6	2.8/06.9 22429
1989 CF	94 06 06.3	16 57.02	−03 59.3	16.1	−0.93	− 2.2	7.3/05.5 22080
1985 RC_4	94 06 06.4	16 57.23	−18 39.7	16.3	−0.88	+ 1.0	1.4/06.1 22492
1987 QZ_1	94 06 06.5	16 57.75	−30 29.4	17.5	−1.11	+ 2.2	2.9/07.3 22824
1992 WO_3	94 06 06.5	16 57.76	−04 28.1	17.6	−1.01	+ 6.2	6.3/04.0 22085
1991 FC	94 06 06.6	16 58.07	+20 18.2	16.0	−1.05	+ 6.6	20.8/28.2 23349
1973 ST_3	94 06 06.6	16 58.33	−31 42.8	18.3	−1.16	+ 1.0	3.2/07.4 22491
1990 OH	94 06 06.6	16 58.38	−08 46.1	16.6	−0.95	+ 6.8	5.6/04.4 17446
1984 SF_6	94 06 06.7	16 58.65	−20 37.3	18.5	−0.80	+ 0.8	0.6/06.6 22076
2536 P-L	94 06 06.9	16 59.34	−34 18.6	16.3	−1.23	− 1.9	5.5/07.4 21977
1969 TA	94 06 07.2	17 00.67	−17 37.7	15.5	−1.01	+ 5.5	2.3/06.6 22072
(5474)	94 06 07.2	17 00.83	−21 06.7	15.4	−1.04	+ 4.2	0.7/07.1 21774
1985 UG_2	94 06 07.2	17 00.96	−19 32.5	16.8	−1.12	+ 1.4	1.3/07.0 21970
1992 BB_5	94 06 07.5	17 01.90	−18 43.7	17.3	−0.79	+ 0.1	1.1/07.2 21266
1990 RE_5	94 06 07.5	17 01.94	−42 17.3	15.9	−1.07	+ 2.2	7.1/09.6 22273
1990 RV	94 06 07.8	17 03.16	−20 11.1	17.2	−0.83	+ 0.7	0.8/07.6 21941
1986 TR_2	94 06 07.9	17 03.47	−25 19.6	17.6	−0.96	− 0.8	0.8/08.0 23122
(5467)	94 06 07.9	17 03.54	−35 38.4	17.3	−1.04	+ 1.6	4.1/09.1 21771
2259 T-1	94 06 08.0	17 03.94	−18 02.4	18.8	−0.81	+ 0.6	1.4/07.7 22087
(5504)	94 06 08.2	17 04.76	−29 47.8	15.8	−1.13	− 4.3	2.8/08.3 21913
1974 SK_1	94 06 08.2	17 04.92	−19 17.9	16.7	−0.97	+ 1.4	1.3/08.0 22072
1953 GN	94 06 08.4	17 05.62	−11 23.9	16.4	−0.99	+ 0.9	5.6/07.6 20803
1983 RQ_4	94 06 08.9	17 07.53	−12 33.8	16.7	−0.97	+ 2.4	3.8/07.9 21255
4559 P-L	94 06 08.9	17 07.63	−22 03.7	18.9	−0.83	+ 1.1	0.3/08.9 19875
1990 DL	94 06 09.1	17 08.38	−32 23.6	16.0	−1.18	+ 1.9	4.3/09.9 22082
1979 MH_6	94 06 09.1	17 08.72	−11 23.8	19.2	−0.84	− 1.2	3.8/08.6 15701
1977 TO_6	94 06 09.2	17 09.13	−21 29.5	16.6	−1.13	− 2.8	0.7/09.2 21964
1981 ER_{21}	94 06 09.3	17 09.63	−14 56.1	18.0	−0.79	+ 0.8	2.4/08.8 21967
1990 DM_1	94 06 09.4	17 09.92	−25 42.2	16.0	−1.14	+ 1.9	1.2/09.7 22082