
The MINOR PLANET CIRCULARS/MINOR PLANETS AND COMETS are published, on behalf of
Commission 20 of the International Astronomical Union, usually in batches

on the date of each full moon, by:

Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.

IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)

BMARSDEN@CFA.HARVARD.EDU or GWILLIAMS@CFA.HARVARD.EDU (science)

Phone 617-495-7244/7440/7444 (for emergency use only).

World-Wide Web address <http://cfa-www.harvard.edu/cfa/ps/mpc.html>

Brian G. Marsden, Director

Gareth V. Williams, Associate Director

© Copyright 1996 Minor Planet Center

Syuichi Nakano, Liaison in Japan

EDITORIAL NOTICE

Changes in postal regulations place a maximum weight of about 0.45 kg on material that can conveniently be mailed. Accordingly, monthly batches of *MPCs* that exceed this limit will be separated—without warning—into smaller mailings.

August 1996 will be remembered as the month in which the distinction between “comet” and “minor planet” (or “asteroid”), which had been getting progressively more shaky for some decades, became nebulous in the extreme. Fortunately, the changes in the designation system (mainly for comets) introduced at the beginning of 1995 (see *MPC* 23803) can easily accommodate the ambiguity. Within an interval of only five days, objects designated 1996 PW (*MPEC* 1996-P03, *IAUC* 6452) and 1996 N2 (*IAUC* 6456) were announced, the former ostensibly a “minor planet” and the latter a “comet”. These initial distinctions were made in the *only* way they can be: the former object was widely reported to be completely asteroidal in appearance, while the latter clearly had a distinct appendage that could only be described as a “tail”. Nevertheless, it was also clear by the time the objects were announced that 1996 PW (which was discovered by G. V. Williams at the Minor Planet Center in data assembled in the course of the NEAT project that operates at the Jet Propulsion Laboratory under the direction of E. F. Helin) has an orbit that is very nearly parabolic, while 1996 N2 (which was discovered by E. W. Elst at the Uccle Observatory on photographic plates taken by G. Pizarro at the European Southern Observatory) has an orbit that is absolutely indistinguishable from that of a minor planet in the main belt; the latter is therefore more completely designated as P/1996 N2, the prefix indicating a “short-period comet”. The designations themselves will stay, but time will tell if the assigned characters of the objects require modification. For example, if 1996 PW should develop a coma and/or tail, this would be acknowledged by calling it C/1996 PW and cataloguing it with the comets. If the tail of 1996 N2 should prove to be very temporary, the object’s asteroidal nature could be acknowledged by calling it A/1996 N2. Furthermore, since this object is of short period and will presumably be observable at every opposition in the future, it would likely eventually receive a permanent minor-planet number; if the course were to be thought appropriate, it could *also* receive a permanent short-period comet number, as in the existing examples of (2060) = 95P/Chiron and (4015) = 107P/Wilson-Harrington. All indications are that the suggested identification (*IAUC* 6457) P/1996 N2 = 1979 OW₇ is correct (although this is not considered in the current batch of *MPCs*, pending further re-examination of the 1979 plates), so the object is in fact already on the route to numbering.

ERRATA

<i>MPC</i>	Line	
27518	43	Observers should be T. J. Balonek, C. Strom, R. Tripoli, R. Tweedy, J. Kern, C. Danforth
27518	44	Measurers should be L. M. Lee, L. Silvestri, T. J. Balonek, N. Silvestri

NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 27477. The longitudes λ are measured in degrees eastward from Greenwich, and the parallax constants $\rho \cos \phi'$ and $\rho \sin \phi'$ are the product of the geocentric distance (in earth equatorial radii) and the cosine and sine, respectively, of the geocentric latitude.

Obs.	λ	$\rho \cos \phi'$	$\rho \sin \phi'$	
122	3.5035	0.72017	+0.69176	Pises Observatory
625	203.5683	0.93557	+0.35201	Kihei-AMOS Remote Maui Experimental Site
824	285.7583	0.71645	+0.69542	Lake Placid
963	359.7333	0.6084	+0.7909	Werrington

CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Mag.	N Obs.
1989 QF	1989 09 04.40920		23 55 44.76	-00 29 28.4	<i>MPC</i> 14999		1 675
1989 UV ₉	* 1989 10 25.42404		23 01 50.60	-00 04 50.3	<i>MPC</i> 16832	16.5 V	2 413
1989 UV ₉	1989 10 25.47265		23 01 50.88	-00 05 04.4	<i>MPC</i> 16832		2 413
1990 XP	1950 08 14.45104		02 18 46.84	+14 06 54.8	<i>MPC</i> 22452		3 675
(433)	1968 01 06.14620		11 42 36.81	+05 21 15.5	<i>MPC</i> 3435		4 020
(433)	1968 01 06.14827		11 42 37.05	+05 21 08.8	<i>MPC</i> 3435		4 020
(433)	1968 01 06.15035		11 42 37.26	+05 21 03.9	<i>MPC</i> 3435		4 020
(433)	1975 02 09.03051		07 38 56.85	+05 50 27.1	<i>MPC</i> 3880		4 012
(433)	1975 02 09.04159		07 38 56.80	+05 49 48.6	<i>MPC</i> 3880		4 012
(433)	1975 02 09.05267		07 38 56.81	+05 49 10.0	<i>MPC</i> 3880		4 012
(433)	1975 02 26.45096		07 49 55.55	-06 22 40.5	<i>MPC</i> 4040		4 420
(433)	1975 03 03.48096		07 55 51.01	-08 29 00.5	<i>MPC</i> 4040		5 420
(433)	1981 11 23.15695		01 52 34.43	+54 15 39.2	<i>MPC</i> 6874		6 786
(433)	1981 11 23.16528		01 52 33.74	+54 15 33.4	<i>MPC</i> 6874		6 786

(433)	1981 11 26.07361	01 48 28.71	+53 37 48.2	<i>MPC</i> 6874	6 786
(433)	1981 11 26.08195	01 48 27.93	+53 37 41.0	<i>MPC</i> 6874	6 786
(433)	1981 11 26.87217	01 47 28.90	+53 26 01.5	<i>MPC</i> 7199	6 504
(433)	1981 11 26.88717	01 47 27.72	+53 25 50.8	<i>MPC</i> 7199	6 504

Note 1: 1989 QF = (6239). 2: observations interchanged. 3: 1990 XP = (5744).

4: time changed by -1 hour. 5: declination corrected by $+2'$. 6: time changed by $+1$ hour.

DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
1992 PS ₆	1955 05 23.20695	14 12 31.15	$-16^{\circ} 35'$	00.4°	<i>MPC</i> 25381	675
(433)	1965 12 04.04201	22 33 08.86	$+07^{\circ} 27'$	02.4°	<i>MPC</i> 2606	808
(433)	1965 12 12.03681	22 48 55.06	$+08^{\circ} 16'$	39.2°	<i>MPC</i> 2606	808
(433)	1965 12 25.04896	23 16 37.72	$+09^{\circ} 46'$	06.6°	<i>MPC</i> 2606	808
(433)	1975 02 06.80911	07 38 49.56	$+07^{\circ} 58'$	36.8°	<i>MPC</i> 4728	585
(433)	1975 02 06.81495	07 38 49.69	$+07^{\circ} 59'$	03.3°	<i>MPC</i> 4728	585
(433)	1975 02 06.82950	07 38 49.87	$+07^{\circ} 59'$	56.7°	<i>MPC</i> 4728	585
(433)	1975 02 06.84372	07 38 50.11	$+08^{\circ} 00'$	48.8°	<i>MPC</i> 4728	585
(433)	1975 02 06.85028	07 38 50.18	$+08^{\circ} 01'$	13.5°	<i>MPC</i> 4728	585
(433)	1975 02 06.85715	07 38 50.30	$+08^{\circ} 01'$	40.2°	<i>MPC</i> 4728	585
(433)	1975 02 06.86426	07 38 50.39	$+08^{\circ} 02'$	05.8°	<i>MPC</i> 4728	585
(433)	1975 02 06.87191	07 38 50.51	$+08^{\circ} 02'$	31.9°	<i>MPC</i> 4728	585
(433)	1975 02 06.87870	07 38 50.59	$+08^{\circ} 02'$	59.8°	<i>MPC</i> 4728	585
(433)	1975 02 06.88581	07 38 50.61	$+08^{\circ} 03'$	31.0°	<i>MPC</i> 4728	585
(433)	1975 02 11.80142	07 39 33.79	$+03^{\circ} 22'$	02.2°	<i>MPC</i> 4728	585
(433)	1975 02 11.80820	07 39 33.81	$+03^{\circ} 21'$	37.5°	<i>MPC</i> 4728	585
(433)	1975 02 11.81498	07 39 33.93	$+03^{\circ} 21'$	19.1°	<i>MPC</i> 4728	585
(433)	1975 02 11.82199	07 39 33.93	$+03^{\circ} 21'$	01.2°	<i>MPC</i> 4728	585
(433)	1975 02 26.74229	07 50 19.01	$-06^{\circ} 32'$	15.2°	<i>MPC</i> 4729	585
(433)	1975 02 26.75387	07 50 19.71	$-06^{\circ} 32'$	28.2°	<i>MPC</i> 4729	585
(433)	1975 02 26.76946	07 50 20.39	$-06^{\circ} 32'$	59.3°	<i>MPC</i> 4729	585
(433)	1975 02 26.77514	07 50 20.75	$-06^{\circ} 33'$	12.5°	<i>MPC</i> 4729	585
(433)	1975 02 26.79037	07 50 21.27	$-06^{\circ} 34'$	24.2°	<i>MPC</i> 4729	585
(433)	1975 03 14.74501	08 12 44.76	$-11^{\circ} 43'$	09.5°	<i>MPC</i> 4729	585
(433)	1975 03 14.75294	08 12 45.70	$-11^{\circ} 43'$	20.6°	<i>MPC</i> 4729	585
(433)	1975 03 14.76034	08 12 46.55	$-11^{\circ} 43'$	30.7°	<i>MPC</i> 4729	585
(433)	1975 03 14.76729	08 12 47.36	$-11^{\circ} 43'$	40.1°	<i>MPC</i> 4729	585
(433)	1975 03 14.77419	08 12 48.12	$-11^{\circ} 43'$	48.9°	<i>MPC</i> 4729	585
(433)	1975 03 14.78118	08 12 48.93	$-11^{\circ} 43'$	58.8°	<i>MPC</i> 4729	585
(433)	1982 02 18.87465	04 52 52.11	$+18^{\circ} 16'$	04.3°	<i>MPC</i> 7562	560
(433)	1982 03 12.81100	06 12 39.18	$+10^{\circ} 30'$	38.4°	<i>MPC</i> 16668	553
(433)	1986 09 07.88316	20 16 25.73	$-11^{\circ} 14'$	52.2°	<i>MPC</i> 12116	999
(1354)	1974 05 21.88164	14 12 51.16	$-15^{\circ} 58'$	28.0°	<i>MPC</i> 4103	095
(1682)	1966 11 16.93584	01 46 31.42	$+18^{\circ} 47'$	33.2°	<i>MPC</i> 3353	020
(1682)	1966 11 16.94623	01 46 30.63	$+18^{\circ} 47'$	33.5°	<i>MPC</i> 3353	020
(1682)	1966 11 17.82653	01 45 54.60	$+18^{\circ} 45'$	32.8°	<i>MPC</i> 3353	020
(1682)	1966 11 17.83762	01 45 54.04	$+18^{\circ} 45'$	40.8°	<i>MPC</i> 3353	020

IDENTIFICATION CHANGES

Continuation to *MPC* 27477.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	Obs.
1989 TJ ₁₈	* 1989 10 08.22014	00 29 01.58	$-00^{\circ} 00'$	56.2°	1989 TZ ₁₆		809
1989 TJ ₁₈	1989 10 08.22986	00 29 01.12	$-00^{\circ} 01'$	01.1°	1989 TZ ₁₆		809
1989 TJ ₁₈	1989 10 08.23958	00 29 00.66	$-00^{\circ} 01'$	05.9°	1989 TZ ₁₆		809
1992 GG ₈	* 1992 04 10.66876	13 19 19.70	$-04^{\circ} 22'$	56.4°	1992 GS	18	372
1992 GG ₈	1992 04 10.67986	13 19 19.45	$-04^{\circ} 22'$	53.9°	1992 GS		372
1994 DX	* 1994 02 19.64028	09 24 43.26	$+09^{\circ} 26'$	14.7°	1994 CX ₇	16.5	400
1994 DX	1994 02 19.65451	09 24 42.61	$+09^{\circ} 26'$	13.9°	1994 CX ₇		400

NUMBERING OF A PERIODIC COMET

Continuation to the list on *MPC* 26782.

126P/1983 M1 = 1996 P1 (IRAS)

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

010	Caussols. 0.9-m Schmidt. Observer C. Pollas. Measured by E. W. Elst.
012	Uccle. 0.8-m Schmidt + CCD. Observer E. W. Elst.
046	Kleť. 0.57-m $f/5.2$ reflector + CCD. Observers J. Tichá, M. Tichý and Z. Moravec.
101	Kharkov. 0.16-m $f/0.72$ refractor. Observer P. P. Pavlenko.
104	San Marcello Pistoiese. 0.4-m $f/5$ reflector + CCD. Observers L. Tesi and A. Boattini.
106	Crni vrh. 0.25-m $f/12$ reflector + CCD. Observer H. Mikuž.
107	Cavezzo. 0.40-m $f/5.5$ reflector + CCD. Observers R. Calanca, R. Bonomi, F. Manenti, M. Fusari, M. Facchini and M. Nicolini.
108	Montelupo. 0.30-m $f/5.7$ Schmidt-Cassegrain + CCD. Observers M. Tombelli and G. Forti.
113	Drebach. 0.18-m $f/9$ refractor + CCD. Observer G. Lehmann. Measured by G. Lehmann and T. Lehmann.
118	Modra. 0.6-m $f/5.5$ reflector + CCD. Observers A. Galád, P. Kolény, L. Kornoš, Š. Gajdoš, D. Kalmančok, A. Pravda and P. Zigo.
353	Nishi Kobe. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer K. Ito.
360	Kuma Kogen. 0.60-m $f/6.0$ Ritchey-Chrétien + CCD. Observer A. Nakamura.
367	Yatsuka. 0.26-m $f/6.0$ reflector + CCD. Observer H. Abe.
372	Geisei. 0.60-m $f/3.5$ reflector. Observer T. Seki.
388	Mitaka. 0.50-m reflector + CCD. Observers H. Fukushima, I. Sato, D. Kinoshita, T. Saito, A. Obara and J. Watanabe. Measured by I. Sato.
400	Kitami. 0.25-m $f/3.4$ hyperboloid astrocamera + CCD. Observer K. Endate.
413	Siding Spring. 1.0-m reflector + CCD. Observers R. H. McNaught, G. J. Garradd and D. I. Steel. Measured by R. H. McNaught and G. J. Garradd.
415	Kambah. Observer D. Herald.
422	Loomberah. 0.25-m $f/4.1$ reflector + CCD. Observer G. J. Garradd.
424	Macquarie. 0.32-m $f/4.8$ reflector + CCD. Observer J. B. Child.

540	Linz. 0.3-m $f/5.2$ Schmidt-Cassegrain + CCD. Observers E. Meyer and H. Raab.	C/1995 O1	1996 07 13.91863	18 36 17.93	-10 36 34.2	108
557	Ondřejov. 0.65-m $f/3.6$ reflector + CCD. Observers P. Pravec and L. Šarounová.	C/1995 O1	1996 07 13.96691	18 36 13.74	-10 36 16.9	108
568	Mauna Kea. 2.2-m University of Hawaii reflector + CCD. Observers O. Hainaut and K. J. Meech.	C/1995 O1	1996 07 16.04176	18 33 12.46	-10 23 57.1	834
587	Sormano. 0.5-m reflector + CCD. Observers F. Manca, V. Giuliani, M. Cavagna, P. Sicoli, G. Ventre, E. Colzani and P. Chiavenna.	C/1995 O1	1996 07 16.94567	18 31 53.39	-10 18 41.5	108
605	Marl. 0.2-m reflector + CCD. Observer E. Jung.	C/1995 O1	1996 07 19.95832	18 27 31.15	-10 01 04.5	605
619	Sabadell. 0.51-m $f/3.9$ reflector + CCD. Observers F. Cassarramona, E. Vigil and X. Puig.	C/1995 O1	1996 07 19.96569	18 27 30.55	-10 01 01.4	605
621	Bergisch Gladbach. 0.60-m reflector + CCD. Observer W. Bickel.	C/1995 O1	1996 07 20.03050	18 27 24.81	-10 00 39.7	621
624	Dertingen. 0.20-m $f/5$ reflector. Observer J. Shaefer.	C/1995 O1	1996 07 20.03108	18 27 24.70	-10 00 40.7	621
658	Dominion Astrophysical Observatory, Victoria. 1.82-m Plaskett telescope + CCD. Observer D. D. Balam.	C/1995 O1	1996 07 20.03200	18 27 24.70	-10 00 38.9	621
675	Palomar. 0.46-m Schmidt. Observers C. S. Shoemaker, E. M. Shoemaker, H. E. Holt and D. H. Levy. Measured by C. P. de Saint-Aignan.	C/1995 O1	1996 07 20.88111	18 26 11.32	-09 55 44.3	540
696	Mt. Hopkins. 1.2-m telescope + CCD. Observers C. W. Hergenrother and C. P. de Saint-Aignan. Measured by G. V. Williams.	C/1995 O1	1996 07 20.88287	18 26 11.17	-09 55 43.6	540
709	Cloudcroft. 0.60-m $f/7$ Ritchey-Chrétien + CCD. Observer W. Offutt.	C/1995 O1	1996 07 20.88388	18 26 11.06	-09 55 43.4	540
801	Oak Ridge. 1.5-m reflector + CCD. Observer R. E. McCrosky.	C/1995 O1	1996 07 21.88371	18 24 44.85	-09 49 56.9	118
809	European Southern Observatory. 1.0-m Schmidt. Observers G. Pizarro and O. Pizarro. Measured by E. W. Elst.	C/1995 O1	1996 07 21.89954	18 24 43.56	-09 49 52.9	108
817	Sudbury. 0.41-m Schmidt-Cassegrain. Observer D. di Cicco.	C/1995 O1	1996 07 21.92720	18 24 41.14	-09 49 38.5	10.3 T 113
834	Buenos Aires-AAAA. 0.25-m $f/6.8$ reflector + CCD. Observers R. Mackintosh and P. Mastrodonato.	C/1995 O1	1996 07 21.93046	18 24 40.81	-09 49 36.5	10.3 T 113
867	Saji Observatory. 1.03-m $f/4.8$ reflector + CCD. Observers M. Yamanishi, A. Miyamoto, M. Aimoto and T. Oribe. Measured by T. Oribe.	C/1995 O1	1996 07 21.94616	18 24 39.47	-09 49 30.6	10.1 T 113
897	YGCO Chiyoda Observatory. 0.25-m $f/6.0$ reflector + CCD. Observer T. Kojima.	C/1995 O1	1996 07 21.95280	18 24 38.94	-09 49 27.6	10.1 T 113
900	Moriyama. 0.25-m $f/6.3$ reflector + CCD. Observer Y. Ikari.	C/1995 O1	1996 07 21.99257	18 24 35.40	-09 49 13.2	10.1 T 113
963	Werrington. 0.28-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer J. Mackey.	C/1995 O1	1996 07 22.00327	18 24 34.51	-09 49 15.5	118
		C/1995 O1	1996 07 22.88778	18 23 18.78	-09 44 05.9	10.9 T 113
		C/1995 O1	1996 07 22.90022	18 23 17.74	-09 44 05.0	605
		C/1995 O1	1996 07 22.90461	18 23 17.14	-09 43 59.0	11.2 T 113
		C/1995 O1	1996 07 22.91053	18 23 16.84	-09 44 01.2	605
		C/1995 O1	1996 07 22.91733	18 23 16.11	-09 44 01.7	118
		C/1995 O1	1996 07 23.12289	18 22 58.55	-09 42 47.3	834
		C/1995 O1	1996 07 23.87853	18 21 54.07	-09 38 32.0	118
		C/1995 O1	1996 07 24.93574	18 20 24.25	-09 32 33.2	118
		C/1995 O1	1996 07 24.93722	18 20 24.13	-09 32 32.8	10.0 T 118
		C/1995 O1	1996 07 27.53102	18 16 46.61	-09 17 59.1	900
		C/1995 O1	1996 07 27.53935	18 16 45.91	-09 17 56.1	900
		C/1995 O1	1996 07 27.93013	18 16 13.48	-09 15 48.4	118
		C/1995 O1	1996 07 27.93478	18 16 13.13	-09 15 46.1	118
		C/1995 O1	1996 07 29.83435	18 13 37.12	-09 05 20.2	108
		C/1995 O1	1996 07 29.85392	18 13 35.59	-09 05 13.2	108
		C/1995 O1	1996 07 29.87948	18 13 33.48	-09 05 03.7	108
		C/1995 O1	1996 07 31.52948	18 11 20.17	-08 56 08.0	367
		C/1995 O1	1996 07 31.53360	18 11 19.83	-08 56 06.6	367
		C/1995 O1	1996 07 31.83456	18 10 55.77	-08 54 29.7	107
		C/1995 O1	1996 07 31.84550	18 10 54.85	-08 54 26.3	107
		C/1995 O1	1996 07 31.85618	18 10 54.10	-08 54 22.9	107
		C/1995 O1	1996 08 01.81953	18 09 37.57	-08 49 14.6	107
		C/1995 O1	1996 08 01.83100	18 09 36.63	-08 49 10.2	107
		C/1995 O1	1996 08 01.84183	18 09 35.76	-08 49 06.5	107
		C/1995 O1	1996 08 01.85360	18 09 34.88	-08 49 02.7	107
		C/1995 O1	1996 08 01.86419	18 09 34.06	-08 48 59.7	107
		C/1995 O1	1996 08 02.61010	18 08 35.26	-08 45 03.2	900
		C/1995 O1	1996 08 02.62160	18 08 34.33	-08 44 59.3	900
		C/1995 O1	1996 08 02.87380	18 08 14.78	-08 43 39.5	107
		C/1995 O1	1996 08 02.88169	18 08 14.18	-08 43 36.1	107
		C/1995 O1	1996 08 02.89101	18 08 13.39	-08 43 32.9	107
		C/1995 O1	1996 08 03.53196	18 07 23.60	-08 40 11.1	367

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

C/1995 O1 (Hale-Bopp)

C/1995 O1	1995 10 15.44115	18 17 23.72	-28 37 49.2	415
C/1995 O1	1995 11 12.44324	18 25 46.31	-27 23 07.8	415
C/1995 O1	1996 07 04.13026	18 50 23.26	-11 34 55.6	834
C/1995 O1	1996 07 06.56238	18 46 56.43	-11 20 26.0	353
C/1995 O1	1996 07 06.57074	18 46 55.71	-11 20 22.7	353
C/1995 O1	1996 07 06.57243	18 46 55.55	-11 20 22.4	353
C/1995 O1	1996 07 10.91005	18 40 40.56	-10 54 28.5	108
C/1995 O1	1996 07 10.96980	18 40 35.32	-10 54 08.5	108
C/1995 O1	1996 07 11.87473	18 39 16.51	-10 48 42.4	587
C/1995 O1	1996 07 11.99712	18 39 05.93	-10 47 55.0	834
C/1995 O1	1996 07 12.90234	18 37 46.79	-10 42 35.5	108
C/1995 O1	1996 07 12.90355	18 37 46.75	-10 42 33.7	108
C/1995 O1	1996 07 12.90619	18 37 46.50	-10 42 32.6	108
C/1995 O1	1996 07 13.00935	18 37 37.63	-10 41 54.6	834
C/1995 O1	1996 07 13.54817	18 36 50.37	-10 38 43.9	353
C/1995 O1	1996 07 13.55903	18 36 49.45	-10 38 40.5	353
C/1995 O1	1996 07 13.57051	18 36 48.41	-10 38 36.7	353

C/1995 O1	1996 08 03.53608	18 07 23.26	-08 40 10.2		367	C/1995 O1	1996 08 14.87819	17 53 54.61	-07 44 17.1		107
C/1995 O1	1996 08 05.53021	18 04 50.71	-08 29 50.0		1 360	C/1995 O1	1996 08 14.88840	17 53 53.98	-07 44 14.3		107
C/1995 O1	1996 08 05.53212	18 04 50.58	-08 29 49.3		1 360	C/1995 O1	1996 08 14.93774	17 53 50.80	-07 44 00.8		118
C/1995 O1	1996 08 05.55974	18 04 48.49	-08 29 40.1		900	C/1995 O1	1996 08 14.94959	17 53 50.04	-07 43 58.0		118
C/1995 O1	1996 08 05.57141	18 04 47.59	-08 29 36.5		900	C/1995 O1	1996 08 15.82293	17 52 54.40	-07 39 58.0		046
C/1995 O1	1996 08 05.85146	18 04 26.62	-08 28 09.5		108	C/1995 O1	1996 08 15.82414	17 52 54.35	-07 39 58.2		046
C/1995 O1	1996 08 05.87147	18 04 25.09	-08 28 05.5		540	C/1995 O1	1996 08 15.82490	17 52 54.29	-07 39 57.5		046
C/1995 O1	1996 08 05.87303	18 04 24.98	-08 28 04.6		540	C/1995 O1	1996 08 15.83012	17 52 54.07	-07 40 01.0		107
C/1995 O1	1996 08 05.87419	18 04 24.88	-08 28 04.7		540	C/1995 O1	1996 08 15.83514	17 52 53.69	-07 39 57.1		107
C/1995 O1	1996 08 05.96015	18 04 18.58	-08 27 30.7	9.1 T	624	C/1995 O1	1996 08 16.51557	17 52 10.91	-07 36 48.7		900
C/1995 O1	1996 08 05.96499	18 04 18.07	-08 27 33.8	9.1 T	624	C/1995 O1	1996 08 16.52620	17 52 10.24	-07 36 46.0		900
C/1995 O1	1996 08 05.96568	18 04 17.99	-08 27 33.9	8.9 T	624	C/1995 O1	1996 08 17.54218	17 51 07.69	-07 32 12.5		353
C/1995 O1	1996 08 05.96638	18 04 17.95	-08 27 33.9	9.3 T	624	C/1995 O1	1996 08 17.54374	17 51 07.60	-07 32 12.6		353
C/1995 O1	1996 08 06.87478	18 03 10.29	-08 23 00.4		118	C/1995 O1	1996 08 17.54946	17 51 07.24	-07 32 10.3		353
C/1995 O1	1996 08 06.87765	18 03 10.01	-08 22 59.3		118	C/1995 O1	1996 08 17.55056	17 51 07.18	-07 32 10.4		353
C/1995 O1	1996 08 06.88322	18 03 09.53	-08 22 58.3		118	C/1995 O1	1996 08 17.57413	17 51 05.74	-07 32 03.1		367
C/1995 O1	1996 08 08.84264	18 00 46.64	-08 13 08.2		046	C/1995 O1	1996 08 17.57760	17 51 05.53	-07 32 02.5		367
C/1995 O1	1996 08 08.84407	18 00 46.53	-08 13 07.8		046	C/1995 O1	1996 08 17.82021	17 50 50.82	-07 30 59.4		108
C/1995 O1	1996 08 08.84481	18 00 46.48	-08 13 07.6		046	C/1995 O1	1996 08 17.87477	17 50 47.58	-07 30 43.0		963
C/1995 O1	1996 08 08.90039	18 00 42.43	-08 12 51.9		118	C/1995 O1	1996 08 17.87642	17 50 47.41	-07 30 41.8		107
C/1995 O1	1996 08 08.90508	18 00 42.07	-08 12 50.2		118	C/1995 O1	1996 08 17.88561	17 50 47.10	-07 30 39.9		107
C/1995 O1	1996 08 09.42632	18 00 04.95	-08 10 11.8		422	C/1995 O1	1996 08 17.89747	17 50 46.37	-07 30 35.4		107
C/1995 O1	1996 08 09.42717	18 00 04.90	-08 10 11.3		422	C/1995 O1	1996 08 18.48382	17 50 11.05	-07 28 02.6		353
C/1995 O1	1996 08 09.82200	17 59 36.86	-08 08 18.3		108	C/1995 O1	1996 08 18.48755	17 50 10.84	-07 28 01.1		353
C/1995 O1	1996 08 09.82678	17 59 36.46	-08 08 18.0		046	C/1995 O1	1996 08 18.48895	17 50 10.72	-07 28 00.4		353
C/1995 O1	1996 08 09.82874	17 59 36.31	-08 08 17.4		046	C/1995 O1	1996 08 18.87517	17 49 47.83	-07 26 18.5		963
C/1995 O1	1996 08 09.82929	17 59 36.27	-08 08 17.3		046	C/1995 O1	1996 08 18.90730	17 49 45.79	-07 26 11.9	1	118
C/1995 O1	1996 08 09.83503	17 59 35.87	-08 08 15.4		046	C/1995 O1	1996 08 19.05841	17 49 36.92	-07 25 31.6		801
C/1995 O1	1996 08 09.84315	17 59 35.29	-08 08 13.9		108	C/1995 O1	1996 08 19.07064	17 49 36.19	-07 25 28.5		801
C/1995 O1	1996 08 10.58594	17 58 42.97	-08 04 35.0	1	360	C/1995 O1	1996 08 19.49236	17 49 11.48	-07 23 38.4		360
C/1995 O1	1996 08 10.58819	17 58 42.80	-08 04 34.3	1	360	C/1995 O1	1996 08 19.49462	17 49 11.35	-07 23 38.1		360
C/1995 O1	1996 08 10.81544	17 58 27.19	-08 03 27.5		108	C/1995 O1	1996 08 19.80661	17 48 53.42	-07 22 17.3		107
C/1995 O1	1996 08 10.82463	17 58 26.55	-08 03 25.2		108	C/1995 O1	1996 08 19.81303	17 48 52.93	-07 22 16.3		046
C/1995 O1	1996 08 10.84505	17 58 25.03	-08 03 20.1		118	C/1995 O1	1996 08 19.81395	17 48 52.87	-07 22 16.0		046
C/1995 O1	1996 08 10.84868	17 58 24.79	-08 03 18.7		118	C/1995 O1	1996 08 19.81466	17 48 52.83	-07 22 15.8		046
C/1995 O1	1996 08 12.44616	17 56 35.34	-07 55 36.8		422	C/1995 O1	1996 08 19.82648	17 48 52.25	-07 22 12.2		107
C/1995 O1	1996 08 12.44704	17 56 35.30	-07 55 36.7		422	C/1995 O1	1996 08 19.83616	17 48 51.70	-07 22 10.1		107
C/1995 O1	1996 08 12.81278	17 56 10.52	-07 53 54.2		107	C/1995 O1	1996 08 19.86220	17 48 50.06	-07 22 03.4		118
C/1995 O1	1996 08 12.82653	17 56 09.73	-07 53 49.3		107	C/1995 O1	1996 08 19.87604	17 48 49.36	-07 21 56.4		963
C/1995 O1	1996 08 12.83957	17 56 08.67	-07 53 46.8		107	C/1995 O1	1996 08 19.89656	17 48 48.06	-07 21 54.5		118
C/1995 O1	1996 08 12.84569	17 56 08.33	-07 53 44.6		107	C/1995 O1	1996 08 20.80477	17 47 56.24	-07 18 00.2		107
C/1995 O1	1996 08 12.85606	17 56 07.68	-07 53 41.1		107	C/1995 O1	1996 08 20.84572	17 47 54.01	-07 17 51.0		107
C/1995 O1	1996 08 13.81362	17 55 04.10	-07 49 13.0		107	C/1995 O1	1996 08 20.86860	17 47 52.67	-07 17 44.5		118
C/1995 O1	1996 08 13.83848	17 55 02.38	-07 49 05.1		107	C/1995 O1	1996 08 20.89125	17 47 51.46	-07 17 39.6		107
C/1995 O1	1996 08 13.84976	17 55 01.75	-07 49 02.9		107	C/1995 O1	1996 08 20.93767	17 47 48.75	-07 17 27.1		107
C/1995 O1	1996 08 13.86086	17 55 00.96	-07 48 59.7		107	C/1995 O1	1996 08 21.54045	17 47 15.20	-07 14 53.7		367
C/1995 O1	1996 08 13.87443	17 55 00.05	-07 48 56.1		107	C/1995 O1	1996 08 21.54391	17 47 15.00	-07 14 52.4		367
C/1995 O1	1996 08 13.88471	17 54 59.33	-07 48 53.1		107	C/1995 O1	1996 08 21.83913	17 46 58.78	-07 13 39.1		118
C/1995 O1	1996 08 14.07005	17 54 47.26	-07 48 00.6		801	C/1995 O1	1996 08 21.86343	17 46 57.63	-07 13 29.4		963
C/1995 O1	1996 08 14.08482	17 54 46.23	-07 47 56.2		801	C/1995 O1	1996 08 22.56185	17 46 19.44	-07 10 36.5		900
C/1995 O1	1996 08 14.85686	17 53 56.19	-07 44 23.0		107	C/1995 O1	1996 08 22.56775	17 46 19.09	-07 10 34.5		900
C/1995 O1	1996 08 14.86790	17 53 55.43	-07 44 20.3		107	C/1995 O1	1996 08 22.88177	17 46 02.26	-07 09 16.5	10.2 N	118

C/1995 O1	1996 08 23.84429	17 45 11.57	-07 05 21.2		046
C/1995 O1	1996 08 23.84611	17 45 11.47	-07 05 20.9		046
C/1995 O1	1996 08 23.84699	17 45 11.43	-07 05 20.7		046
C/1995 O1	1996 08 23.84767	17 45 11.39	-07 05 20.5		046
C/1995 O1	1996 08 23.87025	17 45 10.31	-07 05 12.5		963
C/1995 O1	1996 08 23.88094	17 45 09.61	-07 05 11.9		108
C/1995 O1	1996 08 25.81744	17 43 31.74	-06 57 24.1		046
C/1995 O1	1996 08 25.81838	17 43 31.69	-06 57 23.8		046
C/1995 O1	1996 08 25.81895	17 43 31.66	-06 57 23.8		046
C/1995 O1	1996 08 25.81958	17 43 31.63	-06 57 23.5		046

C/1995 Y1 (Hyakutake)

C/1995 Y1	1996 07 23.05538	00 15 49.81	+38 20 28.3		118
C/1995 Y1	1996 07 23.06384	00 15 49.58	+38 20 26.3	18.5 T	118
C/1995 Y1	1996 07 25.30568	00 14 52.03	+38 12 49.0		2 696
C/1995 Y1	1996 07 25.31508	00 14 51.76	+38 12 46.0		2 696
C/1995 Y1	1996 08 10.70868	00 03 37.53	+36 34 14.4	17.7 T	360
C/1995 Y1	1996 08 10.73368	00 03 36.05	+36 34 01.2		360
C/1995 Y1	1996 08 19.66632	23 54 59.40	+35 04 58.5	18.0 T	360
C/1995 Y1	1996 08 19.67257	23 54 58.97	+35 04 54.1		360
C/1995 Y1	1996 08 21.07874	23 53 31.05	+34 48 28.3	19.1 N	557
C/1995 Y1	1996 08 21.08951	23 53 30.43	+34 48 20.8	18.3 T	557

C/1996 B1 (Szczepanski)

C/1996 B1	1996 06 09.40835	09 59 30.55	-26 16 30.5		413
-----------	------------------	-------------	-------------	--	-----

C/1996 B2 (Hyakutake)

C/1996 B2	1996 03 31.76973	03 14 03.05	+55 37 01.1		101
C/1996 B2	1996 03 31.77666	03 14 01.97	+55 35 33.6		101
C/1996 B2	1996 03 31.78327	03 14 00.83	+55 34 11.4		101
C/1996 B2	1996 04 02.73522	03 10 01.66	+50 09 19.1		101
C/1996 B2	1996 04 02.74237	03 10 01.09	+50 08 18.4		101
C/1996 B2	1996 04 02.75021	03 10 00.34	+50 07 16.3		101
C/1996 B2	1996 08 09.45991	10 50 41.85	-69 46 18.4		422
C/1996 B2	1996 08 09.46314	10 50 43.12	-69 46 17.0		422
C/1996 B2	1996 08 12.44240	11 09 24.82	-69 28 47.1		422
C/1996 B2	1996 08 12.44300	11 09 24.99	-69 28 47.4		422

C/1996 E1 (NEAT)

C/1996 E1	1996 07 31.99079	08 07 57.96	+62 36 07.5		587
C/1996 E1	1996 08 01.00376	08 07 59.18	+62 36 30.3		587
C/1996 E1	1996 08 01.78768	08 09 12.98	+62 57 31.6	13.5 T	900
C/1996 E1	1996 08 01.92123	08 09 25.42	+63 01 06.2		046
C/1996 E1	1996 08 01.92374	08 09 25.69	+63 01 10.3		046
C/1996 E1	1996 08 01.92572	08 09 25.76	+63 01 13.5		046
C/1996 E1	1996 08 02.47293	08 10 18.79	+63 16 12.3	15 T	3 367
C/1996 E1	1996 08 02.47569	08 10 18.97	+63 16 17.2		3 367
C/1996 E1	1996 08 06.95189	08 18 27.97	+65 24 51.0		118
C/1996 E1	1996 08 06.95406	08 18 28.22	+65 24 55.5	13.8 T	118
C/1996 E1	1996 08 08.83936	08 22 27.94	+66 22 58.8		557
C/1996 E1	1996 08 08.84385	08 22 28.44	+66 23 06.8		557
C/1996 E1	1996 08 08.84630	08 22 28.79	+66 23 12.4		557
C/1996 E1	1996 08 10.88284	08 27 17.49	+67 28 41.5	14.8 T	118
C/1996 E1	1996 08 10.88437	08 27 17.72	+67 28 43.5		118

C/1996 E1	1996 08 17.78351	08 49 08.54	+71 33 36.5	13.7 T	900
C/1996 E1	1996 08 17.79399	08 49 11.84	+71 34 00.4	13.5 T	900
C/1996 E1	1996 08 18.79722	08 53 25.74	+72 12 39.4		360
C/1996 E1	1996 08 18.79948	08 53 26.32	+72 12 43.9		360
C/1996 E1	1996 08 18.80399	08 53 27.68	+72 12 54.4		360
C/1996 E1	1996 08 20.85370	09 03 19.83	+73 34 10.0		046
C/1996 E1	1996 08 20.85907	09 03 21.47	+73 34 23.4		046
C/1996 E1	1996 08 22.08597	09 10 17.23	+74 24 28.7		557
C/1996 E1	1996 08 22.08844	09 10 18.14	+74 24 34.7		557
C/1996 E1	1996 08 23.82391	09 21 41.92	+75 36 54.7		046
C/1996 E1	1996 08 23.82972	09 21 44.53	+75 37 09.2		046
C/1996 E1	1996 08 23.83233	09 21 45.36	+75 37 15.8		046
C/1996 E1	1996 08 23.83461	09 21 46.44	+75 37 21.7		046
C/1996 E1	1996 08 26.02002	09 39 50.75	+77 10 14.4		557
C/1996 E1	1996 08 26.02325	09 39 52.62	+77 10 23.0	17.3 N	557
C/1996 E1	1996 08 26.02595	09 39 54.05	+77 10 29.4	13.8 T	557

C/1996 J1 (Evans-Drinkwater)

C/1996 J1	1996 05 28.43541	10 53 25.39	-21 13 38.0		413
C/1996 J1	1996 05 28.43711	10 53 25.42	-21 13 37.2		413

C/1996 N1 (Brewington)

C/1996 N1	1996 07 13.85122	12 01 56.89	+13 20 36.6		587
C/1996 N1	1996 07 13.85539	12 01 57.69	+13 20 50.0		587
C/1996 N1	1996 07 13.85782	12 01 58.10	+13 20 57.9		587
C/1996 N1	1996 07 19.87647	12 20 05.38	+18 54 06.7	12.1 T	605
C/1996 N1	1996 07 19.88052	12 20 06.16	+18 54 19.0	11.9 T	605
C/1996 N1	1996 07 19.88988	12 20 07.93	+18 54 50.9	12.2 T	605
C/1996 N1	1996 07 19.89737	12 20 09.18	+18 55 16.1		619
C/1996 N1	1996 07 19.90120	12 20 09.93	+18 55 26.8	12.2 T	605
C/1996 N1	1996 07 19.90241	12 20 10.08	+18 55 32.8		619
C/1996 N1	1996 07 19.94306	12 20 17.56	+18 57 47.0		619
C/1996 N1	1996 07 20.86817	12 23 05.72	+19 47 39.7	11.0 T	540
C/1996 N1	1996 07 20.86921	12 23 05.82	+19 47 42.8		540
C/1996 N1	1996 07 20.87025	12 23 06.13	+19 47 46.2		540
C/1996 N1	1996 07 22.86610	12 29 10.12	+21 34 14.1		118
C/1996 N1	1996 07 22.88428	12 29 13.42	+21 35 11.0	12.0 T	605
C/1996 N1	1996 07 22.88973	12 29 14.49	+21 35 27.2	12.0 T	605
C/1996 N1	1996 07 24.85495	12 35 13.20	+23 18 29.3	11.8 T	118
C/1996 N1	1996 07 24.87538	12 35 16.97	+23 19 32.5		118
C/1996 N1	1996 07 26.91063	12 41 29.78	+25 04 17.6		1 118
C/1996 N1	1996 07 26.91476	12 41 30.58	+25 04 28.6	12.4 T	118
C/1996 N1	1996 07 26.91858	12 41 31.28	+25 04 41.7		118
C/1996 N1	1996 07 27.90381	12 44 32.07	+25 54 38.1		118
C/1996 N1	1996 07 27.90690	12 44 32.65	+25 54 47.0		118
C/1996 N1	1996 07 28.49204	12 46 20.04	+26 24 16.6	10.6 T	900
C/1996 N1	1996 07 28.50385	12 46 22.19	+26 24 52.4		900
C/1996 N1	1996 07 30.50108	12 52 29.74	+28 03 57.5	10.2 T	367
C/1996 N1	1996 07 30.50794	12 52 30.95	+28 04 17.5		367
C/1996 N1	1996 07 31.51476	12 55 36.67	+28 53 26.9	10.5 T	367
C/1996 N1	1996 07 31.51991	12 55 37.63	+28 53 41.4		367
C/1996 N1	1996 08 01.87020	12 59 47.38	+29 58 42.3	10.6 T	540
C/1996 N1	1996 08 01.87130	12 59 47.61	+29 58 45.5		540

C/1996 N1	1996 08 01.87228	12 59 47.75	+29 58 48.6		540	C/1996 N1	1996 08 21.53281	14 03 41.59	+43 45 35.8	10.5 T	367
C/1996 N1	1996 08 01.87344	12 59 47.94	+29 58 51.5		540	C/1996 N1	1996 08 21.53629	14 03 42.38	+43 45 43.2		367
C/1996 N1	1996 08 01.87569	12 59 48.49	+29 58 57.9	10.8 T	624	C/1996 N1	1996 08 21.81917	14 04 42.76	+43 55 56.3		1 118
C/1996 N1	1996 08 01.87755	12 59 48.88	+29 59 04.4	10.2 T	624	C/1996 N1	1996 08 21.82133	14 04 43.25	+43 56 00.2		1 118
C/1996 N1	1996 08 01.88912	12 59 51.02	+29 59 35.4	10.1 T	624	C/1996 N1	1996 08 21.82333	14 04 43.68	+43 56 05.2	10.9 T	1 118
C/1996 N1	1996 08 04.86689	13 09 04.29	+32 19 22.9		587	C/1996 N1	1996 08 22.82104	14 08 18.23	+44 31 46.9		557
C/1996 N1	1996 08 05.50365	13 11 03.15	+32 48 39.3		1 360	C/1996 N1	1996 08 22.82373	14 08 18.90	+44 31 52.7		557
C/1996 N1	1996 08 05.50608	13 11 03.61	+32 48 45.8		1 360	C/1996 N1	1996 08 22.82622	14 08 19.43	+44 31 57.8		557
C/1996 N1	1996 08 05.51319	13 11 05.01	+32 49 05.1		900	C/1996 N1	1996 08 22.82850	14 08 19.89	+44 32 02.6		557
C/1996 N1	1996 08 05.51905	13 11 06.07	+32 49 20.4		900	C/1996 N1	1996 08 23.81096	14 11 54.21	+45 06 35.9		046
C/1996 N1	1996 08 05.85042	13 12 08.39	+33 04 25.9	11.6 T	605	C/1996 N1	1996 08 23.81184	14 11 54.42	+45 06 37.5		046
C/1996 N1	1996 08 05.85579	13 12 09.35	+33 04 41.7	11.4 T	605	C/1996 N1	1996 08 23.81264	14 11 54.57	+45 06 39.4		046
C/1996 N1	1996 08 05.86233	13 12 10.60	+33 04 57.8	11.4 T	605	C/1996 N1	1996 08 23.81346	14 11 54.77	+45 06 41.0		046
C/1996 N1	1996 08 06.85649	13 15 17.06	+33 49 56.4	10.9 T	118	C/1996 N1	1996 08 24.45779	14 14 16.95	+45 29 04.2	10.5 T	900
C/1996 N1	1996 08 06.86110	13 15 17.89	+33 50 08.3		118	P/1996 N2 (Elst-Pizarro)					
C/1996 N1	1996 08 06.86429	13 15 18.46	+33 50 17.2	11.0 T	118	P/1996 N2	1996 07 14.27639	22 00 05.53	-11 16 51.5	18.3 T	809
C/1996 N1	1996 08 08.82059	13 21 28.04	+35 17 04.3		557	P/1996 N2	1996 07 14.28958	22 00 05.18	-11 16 53.4		809
C/1996 N1	1996 08 08.82670	13 21 29.17	+35 17 20.3		557	P/1996 N2	1996 07 14.30278	22 00 04.85	-11 16 55.5		809
C/1996 N1	1996 08 08.83176	13 21 30.12	+35 17 33.4		557	P/1996 N2	1996 07 16.29514	21 59 21.38	-11 21 23.5		809
C/1996 N1	1996 08 09.81211	13 24 36.76	+36 00 10.5	10.6 T	118	P/1996 N2	1996 07 16.30833	21 59 21.01	-11 21 25.7		809
C/1996 N1	1996 08 09.82146	13 24 38.42	+36 00 34.6		118	P/1996 N2	1996 07 16.32153	21 59 20.61	-11 21 28.3		809
C/1996 N1	1996 08 10.80839	13 27 47.32	+36 42 54.5	10.4 T	118	P/1996 N2	1996 08 08.27986	21 45 48.76	-12 42 18.0		809
C/1996 N1	1996 08 12.46163	13 33 06.19	+37 52 35.0		360	P/1996 N2	1996 08 08.29306	21 45 48.15	-12 42 21.6		809
C/1996 N1	1996 08 12.46337	13 33 06.52	+37 52 39.2		360	P/1996 N2	1996 08 08.30625	21 45 47.50	-12 42 24.7		809
C/1996 N1	1996 08 12.46510	13 33 06.85	+37 52 43.5		360	P/1996 N2	1996 08 08.97986	21 45 18.07	-12 45 23.6		010
C/1996 N1	1996 08 16.49253	13 46 21.23	+40 35 28.6		900	P/1996 N2	1996 08 08.99028	21 45 17.57	-12 45 25.3		010
C/1996 N1	1996 08 16.49708	13 46 22.08	+40 35 39.4		900	P/1996 N2	1996 08 09.00347	21 45 16.73	-12 45 29.8		010
C/1996 N1	1996 08 16.82293	13 47 27.72	+40 48 22.3		118	P/1996 N2	1996 08 09.23889	21 45 06.50	-12 46 25.9	18.0 T	809
C/1996 N1	1996 08 16.82516	13 47 28.17	+40 48 27.1		118	P/1996 N2	1996 08 09.25208	21 45 05.86	-12 46 28.6		809
C/1996 N1	1996 08 16.83458	13 47 30.06	+40 48 49.1		118	P/1996 N2	1996 08 09.26528	21 45 05.20	-12 46 32.7		809
C/1996 N1	1996 08 17.46346	13 49 37.20	+41 13 18.4		353	P/1996 N2	1996 08 17.95139	21 38 33.54	-13 24 40.5		010
C/1996 N1	1996 08 17.46502	13 49 37.37	+41 13 22.3		353	P/1996 N2	1996 08 17.96181	21 38 33.15	-13 24 41.8		010
C/1996 N1	1996 08 17.46649	13 49 37.69	+41 13 24.1		353	P/1996 N2	1996 08 17.97222	21 38 32.60	-13 24 43.2		010
C/1996 N1	1996 08 17.49411	13 49 43.17	+41 14 27.9		900	P/1996 N2	1996 08 20.0271	21 37 00.3	-13 33 39		012
C/1996 N1	1996 08 17.49993	13 49 44.39	+41 14 40.9		900	P/1996 N2	1996 08 20.89057	21 36 22.30	-13 37 19.7	17.1 T	046
C/1996 N1	1996 08 17.56097	13 49 56.82	+41 17 00.5	10.0 T	367	P/1996 N2	1996 08 20.89280	21 36 22.21	-13 37 20.4		046
C/1996 N1	1996 08 17.56447	13 49 57.53	+41 17 08.3		367	P/1996 N2	1996 08 20.89478	21 36 22.13	-13 37 20.5		046
C/1996 N1	1996 08 18.46400	13 53 01.18	+41 51 39.0		353	P/1996 N2	1996 08 20.89744	21 36 21.99	-13 37 21.4		046
C/1996 N1	1996 08 18.46529	13 53 01.44	+41 51 43.0		353	P/1996 N2	1996 08 21.02777	21 36 16.03	-13 37 54.5		046
C/1996 N1	1996 08 18.46765	13 53 01.82	+41 51 47.7		353	P/1996 N2	1996 08 21.02972	21 36 15.93	-13 37 55.1		046
C/1996 N1	1996 08 19.45434	13 56 25.20	+42 29 03.2		360	P/1996 N2	1996 08 21.03161	21 36 15.85	-13 37 55.6		046
C/1996 N1	1996 08 19.45608	13 56 25.55	+42 29 07.1		360	P/1996 N2	1996 08 21.26023	21 36 05.96	-13 38 53.1	18.2 T	709
C/1996 N1	1996 08 19.45781	13 56 25.92	+42 29 10.8		360	P/1996 N2	1996 08 21.26692	21 36 05.63	-13 38 55.0	18.4 T	709
C/1996 N1	1996 08 20.80049	14 01 06.64	+43 18 54.2	11.1 T	1 118	P/1996 N2	1996 08 21.26904	21 36 05.49	-13 38 55.6	18.3 T	709
C/1996 N1	1996 08 20.80459	14 01 07.57	+43 19 03.1		046	P/1996 N2	1996 08 21.27483	21 36 05.24	-13 38 57.1	18.3 T	709
C/1996 N1	1996 08 20.80635	14 01 07.92	+43 19 07.1		046	P/1996 N2	1996 08 21.28061	21 36 04.98	-13 38 58.7	18.5 T	709
C/1996 N1	1996 08 20.80729	14 01 08.12	+43 19 09.1		046	P/1996 N2	1996 08 21.97372	21 35 34.47	-13 41 56.1		557
C/1996 N1	1996 08 20.80817	14 01 08.33	+43 19 11.0		046	P/1996 N2	1996 08 21.97677	21 35 34.33	-13 41 56.6	17.8 N	557
C/1996 N1	1996 08 20.82563	14 01 11.98	+43 19 50.1		104	P/1996 N2	1996 08 22.92937	21 34 52.82	-13 45 57.2		046
C/1996 N1	1996 08 20.82755	14 01 12.33	+43 19 53.7		104	P/1996 N2	1996 08 22.93134	21 34 52.76	-13 45 57.8		046
C/1996 N1	1996 08 20.82917	14 01 12.72	+43 19 57.3		104	P/1996 N2	1996 08 22.93329	21 34 52.67	-13 45 58.2		046
C/1996 N1	1996 08 20.83067	14 01 13.08	+43 20 01.2		104	P/1996 N2	1996 08 22.96910	21 34 51.06	-13 46 07.1		587

P/1996 N2	1996 08 22.98078	21 34 50.53	-13 46 10.1			557	C/1996 P2	1996 08 15.77917	01 41 22.18	-30 43 05.4	13.5 T	900
P/1996 N2	1996 08 22.98395	21 34 50.38	-13 46 10.9			557	C/1996 P2	1996 08 15.78696	01 41 22.26	-30 43 10.7	13.7 T	900
P/1996 N2	1996 08 22.99051	21 34 50.08	-13 46 12.8			587	C/1996 P2	1996 08 16.10000	01 41 24.21	-30 46 19.3		108
P/1996 N2	1996 08 22.99560	21 34 49.83	-13 46 14.1	18.0 T		587	C/1996 P2	1996 08 16.10972	01 41 24.51	-30 46 24.9		108
P/1996 N2	1996 08 23.09611	21 34 45.69	-13 46 38.4			817	C/1996 P2	1996 08 16.12222	01 41 24.64	-30 46 32.1		108
P/1996 N2	1996 08 23.10729	21 34 45.25	-13 46 41.7			817	C/1996 P2	1996 08 16.13507	01 41 24.53	-30 46 41.3		108
P/1996 N2	1996 08 23.15358	21 34 43.21	-13 46 53.1			817	C/1996 P2	1996 08 17.63846	01 41 32.52	-31 01 43.4		422
P/1996 N2	1996 08 23.15736	21 34 42.96	-13 46 53.7			817	C/1996 P2	1996 08 17.63981	01 41 32.52	-31 01 44.1		422
P/1996 N2	1996 08 23.89728	21 34 11.11	-13 49 58.5			046	C/1996 P2	1996 08 17.64059	01 41 32.53	-31 01 44.7		422
P/1996 N2	1996 08 23.89988	21 34 11.05	-13 49 59.1			046	C/1996 P2	1996 08 17.76040	01 41 32.82	-31 03 01.0	14.0 T	900
P/1996 N2	1996 08 23.90188	21 34 10.96	-13 49 59.7			046	C/1996 P2	1996 08 17.76982	01 41 32.83	-31 03 06.5	13.8 T	900
P/1996 N2	1996 08 23.90426	21 34 10.83	-13 50 00.3			046	C/1996 P2	1996 08 22.75124	01 41 30.05	-31 52 18.2	13.6 T	900
P/1996 N2	1996 08 23.93970	21 34 09.20	-13 50 09.5			587	C/1996 P2	1996 08 22.76426	01 41 29.99	-31 52 25.9	13.8 T	900
P/1996 N2	1996 08 23.95156	21 34 08.68	-13 50 12.0			587	C/1996 P2	1996 08 24.72559	01 41 17.51	-32 11 14.0		422
P/1996 N2	1996 08 23.95832	21 34 08.37	-13 50 13.3			587	C/1996 P2	1996 08 24.72668	01 41 17.47	-32 11 14.6		422
P/1996 N2	1996 08 23.96476	21 34 08.10	-13 50 15.4			587						
P/1996 N2	1996 08 24.31979	21 33 52.97	-13 51 43.7			658	C/1996 Q1 (Tabur)					
P/1996 N2	1996 08 24.32389	21 33 52.75	-13 51 44.8			658	C/1996 Q1	1996 08 21.10556	04 46 44.91	-08 55 52.2	11.1 T	106
P/1996 N2	1996 08 24.32807	21 33 52.60	-13 51 45.7			658	C/1996 Q1	1996 08 21.11506	04 46 45.85	-08 55 41.1		106
P/1996 N2	1996 08 24.68972	21 33 36.92	-13 53 08.8	4	422	422	C/1996 Q1	1996 08 21.12133	04 46 46.38	-08 55 36.9		106
P/1996 N2	1996 08 24.69196	21 33 36.64	-13 53 10.1	4	422	422	C/1996 Q1	1996 08 21.12574	04 46 46.78	-08 55 28.3		106
P/1996 N2	1996 08 24.69639	21 33 36.71	-13 53 10.1			422	C/1996 Q1	1996 08 21.43560	04 47 16.21	-08 49 08.6	14.6 T	709
	C/1996 P2 (Russell-Watson)						C/1996 Q1	1996 08 21.43909	04 47 16.57	-08 49 03.5	14.5 T	709
C/1996 P2	1996 08 10.74014	01 40 24.85	-29 51 58.8	17	N	5 413	C/1996 Q1	1996 08 21.44145	04 47 16.74	-08 49 01.3	14.1 T	709
C/1996 P2	1996 08 10.80264	01 40 25.78	-29 52 32.6			5 413	C/1996 Q1	1996 08 21.44339	04 47 16.95	-08 48 58.8	14.7 T	709
C/1996 P2	1996 08 11.75125	01 40 39.80	-30 02 11.9	13	T	413	C/1996 Q1	1996 08 21.47304	04 47 19.79	-08 48 21.6	15.4 T	3 709
C/1996 P2	1996 08 11.79292	01 40 40.36	-30 02 35.5			413	C/1996 Q1	1996 08 21.47495	04 47 19.90	-08 48 20.0	14.0 T	709
C/1996 P2	1996 08 12.57184	01 40 50.85	-30 10 29.9			6 422	C/1996 Q1	1996 08 21.47676	04 47 20.07	-08 48 17.2	14.3 T	709
C/1996 P2	1996 08 12.57184	01 40 50.85	-30 10 29.9			6 422	C/1996 Q1	1996 08 21.47828	04 47 20.20	-08 48 16.2	14.2 T	709
C/1996 P2	1996 08 12.57264	01 40 50.84	-30 10 30.6			6 422	C/1996 Q1	1996 08 21.77022	04 47 48.26	-08 42 12.6		7 897
C/1996 P2	1996 08 12.57411	01 40 50.88	-30 10 31.9			422	C/1996 Q1	1996 08 21.77206	04 47 48.35	-08 42 09.4		367
C/1996 P2	1996 08 12.57484	01 40 50.92	-30 10 31.4			422	C/1996 Q1	1996 08 21.77323	04 47 48.48	-08 42 09.0	7	897
C/1996 P2	1996 08 12.70747	01 40 52.44	-30 11 57.7	13.7 T		367	C/1996 Q1	1996 08 21.77470	04 47 48.74	-08 42 07.5		367
C/1996 P2	1996 08 12.71302	01 40 52.52	-30 12 01.3			367	C/1996 Q1	1996 08 21.80573	04 47 51.69	-08 41 29.3		367
C/1996 P2	1996 08 12.71858	01 40 52.57	-30 12 04.7			367	C/1996 Q1	1996 08 21.80746	04 47 51.90	-08 41 27.4		367
C/1996 P2	1996 08 12.72473	01 40 52.63	-30 12 08.5	14.1 T		900	C/1996 Q1	1996 08 22.12717	04 48 22.46	-08 34 44.2	7	557
C/1996 P2	1996 08 12.73673	01 40 52.75	-30 12 15.8	14.2 T		900	C/1996 Q1	1996 08 22.12979	04 48 22.74	-08 34 41.1	7	557
C/1996 P2	1996 08 12.75000	01 40 52.80	-30 12 23.3	14.5 T		867	C/1996 Q1	1996 08 22.78288	04 49 26.02	-08 20 44.9	13.3 T	900
C/1996 P2	1996 08 12.79224	01 40 53.26	-30 12 49.2			867	C/1996 Q1	1996 08 22.78576	04 49 26.23	-08 20 41.5	10.7 T	372
C/1996 P2	1996 08 12.79329	01 40 53.32	-30 12 50.2			867	C/1996 Q1	1996 08 22.79688	04 49 27.35	-08 20 26.6	13.3 T	900
C/1996 P2	1996 08 13.60493	01 41 02.95	-30 21 00.1			422	C/1996 Q1	1996 08 22.80069	04 49 27.67	-08 20 19.5		372
C/1996 P2	1996 08 13.60627	01 41 02.94	-30 21 00.9			422	C/1996 Q1	1996 08 23.08900	04 49 55.86	-08 14 08.1		046
C/1996 P2	1996 08 13.67255	01 41 03.59	-30 21 45.0			7 897	C/1996 Q1	1996 08 23.09029	04 49 56.01	-08 14 06.5		046
C/1996 P2	1996 08 13.67841	01 41 03.54	-30 21 48.7	14.9 T		400	C/1996 Q1	1996 08 23.09160	04 49 56.14	-08 14 04.8		046
C/1996 P2	1996 08 13.67999	01 41 03.68	-30 21 49.6			7 897	C/1996 Q1	1996 08 23.09336	04 49 56.25	-08 14 02.5		046
C/1996 P2	1996 08 13.68861	01 41 03.74	-30 21 55.7			7 897	C/1996 Q1	1996 08 23.12488	04 49 59.30	-08 13 21.6	7	557
C/1996 P2	1996 08 13.69087	01 41 03.69	-30 21 55.7			400	C/1996 Q1	1996 08 23.12624	04 49 59.54	-08 13 20.9	7	557
C/1996 P2	1996 08 13.69324	01 41 03.62	-30 21 57.2			400	C/1996 Q1	1996 08 23.12738	04 49 59.49	-08 13 19.7	7	557
C/1996 P2	1996 08 15.66893	01 41 21.52	-30 41 57.8			897	C/1996 Q1	1996 08 24.09836	04 51 35.12	-07 51 47.1		046
C/1996 P2	1996 08 15.67688	01 41 21.54	-30 42 03.1			897	C/1996 Q1	1996 08 24.10020	04 51 35.28	-07 51 44.5		046
C/1996 P2	1996 08 15.68105	01 41 21.63	-30 42 05.0			897	C/1996 Q1	1996 08 24.10235	04 51 35.51	-07 51 41.8		046
C/1996 P2	1996 08 15.72934	01 41 21.93	-30 42 34.8	13.5 T		367	C/1996 Q1	1996 08 24.10498	04 51 35.74	-07 51 37.0		108
C/1996 P2	1996 08 15.73490	01 41 21.99	-30 42 38.2			367	C/1996 Q1	1996 08 24.11128	04 51 36.37	-07 51 30.4		108

M.P.C. 27588

1996 AUG. 28

C/1996 Q1	1996 08 24.11638	04 51 36.80	-07 51 23.1		108	22P	1996 07 28.60597	19 25 38.52	-21 45 25.3	15.1 N	388
C/1996 Q1	1996 08 24.73847	04 52 38.82	-07 37 04.5		422	22P	1996 07 28.60905	19 25 38.54	-21 45 26.5	14.4 N	388
C/1996 Q1	1996 08 24.73913	04 52 38.88	-07 37 03.1		422	22P	1996 07 28.61211	19 25 38.59	-21 45 27.8	14.4 N	388
C/1996 Q1	1996 08 24.73969	04 52 38.98	-07 37 02.7		422	22P	1996 07 30.15784	19 26 06.81	-21 56 33.8		834
C/1996 Q1	1996 08 25.14635	04 53 19.69	-07 27 45.3		619	22P	1996 07 31.53647	19 26 35.30	-22 06 38.9		367
C/1996 Q1	1996 08 25.14852	04 53 19.81	-07 27 42.4		619	22P	1996 07 31.54059	19 26 35.48	-22 06 40.9		367
C/1996 Q1	1996 08 25.16639	04 53 21.70	-07 27 16.1		619	22P	1996 08 01.15339	19 26 48.23	-22 10 43.6		834
C/1996 Q1	1996 08 25.17830	04 53 22.86	-07 26 59.8		619	22P	1996 08 01.95578	19 27 06.29	-22 16 29.8	14.1 N	118
C/1996 Q1	1996 08 26.09084	04 54 55.54	-07 05 18.3		046	22P	1996 08 01.96222	19 27 06.42	-22 16 32.1		118
C/1996 Q1	1996 08 26.09214	04 54 55.65	-07 05 16.4		046	22P	1996 08 02.63863	19 27 22.32	-22 21 05.1		900
C/1996 Q1	1996 08 26.09470	04 54 55.96	-07 05 12.7		046	22P	1996 08 02.65038	19 27 22.56	-22 21 09.4		900
C/1996 Q1	1996 08 26.09603	04 54 56.07	-07 05 10.4		046	22P	1996 08 05.54514	19 28 39.16	-22 39 50.5		360
C/1996 Q1	1996 08 26.09763	04 54 56.26	-07 05 08.6		046	22P	1996 08 05.54896	19 28 39.24	-22 39 51.9		360
C/1996 Q1	1996 08 26.11522	04 54 58.05	-07 04 42.3		557	22P	1996 08 08.08035	19 29 56.19	-22 54 40.2		834
C/1996 Q1	1996 08 26.11720	04 54 58.26	-07 04 39.6	15.9 N	557	22P	1996 08 08.60459	19 30 13.25	-22 57 55.7		900
C/1996 Q1	1996 08 26.12382	04 54 58.92	-07 04 30.1		557	22P	1996 08 08.62288	19 30 13.78	-22 58 01.5		900
2P/Encke						22P	1996 08 09.44592	19 30 42.44	-23 02 21.7		422
2P	1996 08 17.62223	00 29 00.26	+09 54 39.5		568	22P	1996 08 09.44644	19 30 42.43	-23 02 21.8		422
2P	1996 08 18.74826	00 28 14.09	+09 53 20.0	19.2 T	360	22P	1996 08 09.85074	19 30 56.60	-23 04 48.0		108
2P	1996 08 18.75833	00 28 13.65	+09 53 19.3		360	22P	1996 08 09.85841	19 30 56.65	-23 04 51.6		118
2P	1996 08 22.01413	00 25 49.17	+09 48 22.5		118	22P	1996 08 09.86008	19 30 56.67	-23 04 52.0	12.8 T	118
2P	1996 08 22.01712	00 25 49.05	+09 48 21.9	18.7 T	118	22P	1996 08 09.87483	19 30 57.14	-23 04 57.4		108
2P	1996 08 23.97786	00 24 14.39	+09 44 32.8	19.6 T	118	22P	1996 08 10.84567	19 31 32.40	-23 10 04.0		108
2P	1996 08 24.97909	00 23 23.78	+09 42 21.5	19.5 T	118	22P	1996 08 10.85955	19 31 32.99	-23 10 07.3		108
22P/Kopff						22P	1996 08 12.87000	19 32 50.55	-23 20 06.3		107
22P	1996 07 04.17498	19 22 17.82	-18 26 23.8		834	22P	1996 08 12.87902	19 32 50.86	-23 20 08.6		107
22P	1996 07 06.15242	19 22 31.35	-18 41 56.3		834	22P	1996 08 12.88977	19 32 51.32	-23 20 12.0		107
22P	1996 07 12.06044	19 23 03.60	-19 30 22.0		834	22P	1996 08 16.58546	19 35 31.76	-23 36 18.7	12.2 T	900
22P	1996 07 13.97506	19 23 12.86	-19 46 44.6		108	22P	1996 08 16.59159	19 35 32.08	-23 36 19.9	12.3 T	900
22P	1996 07 13.98773	19 23 12.89	-19 46 50.5		108	22P	1996 08 17.56752	19 36 18.50	-23 40 06.6	11.9 T	367
22P	1996 07 16.0987	19 23 25.06	-20 04 19.8		834	22P	1996 08 17.57101	19 36 18.64	-23 40 07.2		367
22P	1996 07 16.94977	19 23 30.07	-20 11 45.8		108	22P	1996 08 19.55069	19 37 57.63	-23 47 08.1		360
22P	1996 07 21.93446	19 24 09.74	-20 53 10.7	12.2 T	113	22P	1996 08 19.55347	19 37 57.76	-23 47 08.6		360
22P	1996 07 21.94220	19 24 09.76	-20 53 11.8	12.2 T	113	22P	1996 08 20.83889	19 39 05.69	-23 51 15.6		046
22P	1996 07 21.95579	19 24 09.86	-20 53 19.5	12.2 T	113	22P	1996 08 20.83991	19 39 05.74	-23 51 15.7		046
22P	1996 07 21.96150	19 24 09.78	-20 53 22.3		118	22P	1996 08 20.84069	19 39 05.80	-23 51 15.8		046
22P	1996 07 21.96758	19 24 09.82	-20 53 25.9		118	22P	1996 08 20.85307	19 39 06.37	-23 51 18.2	14.0 T	118
22P	1996 07 21.99707	19 24 10.09	-20 53 40.2	12.2 T	113	22P	1996 08 21.54635	19 39 44.00	-23 53 21.8	12.2 T	367
22P	1996 07 22.90863	19 24 19.86	-21 01 04.8	12.2 T	113	22P	1996 08 21.55052	19 39 44.16	-23 53 23.4		367
22P	1996 07 22.94110	19 24 20.20	-21 01 19.3	12.4 T	113	22P	1996 08 22.58068	19 40 41.49	-23 56 13.4	13.1 T	900
22P	1996 07 23.14808	19 24 22.31	-21 02 42.5		834	22P	1996 08 22.59019	19 40 41.95	-23 56 15.5	13.1 T	900
22P	1996 07 26.97899	19 25 12.12	-21 33 07.7	12.2 T	118	22P	1996 08 23.85493	19 41 55.09	-23 59 28.5		046
22P	1996 07 26.98888	19 25 12.20	-21 33 12.2		118	22P	1996 08 23.85674	19 41 55.17	-23 59 28.8		046
22P	1996 07 27.56685	19 25 21.66	-21 37 35.9	11.2 T	900		1996 08 23.85852	19 41 55.29	-23 59 29.1		046
22P	1996 07 27.59354	19 25 21.93	-21 37 47.8	11.3 T	900	29P/Schwassmann-Wachmann 1					
22P	1996 07 28.54012	19 25 37.73	-21 44 55.7	14.8 N	388	29P	1989 09 02.44115	23 55 08.49	+08 14 02.7		675
22P	1996 07 28.59014	19 25 38.33	-21 45 18.1	14.9 N	388	29P	1989 09 30.22656	23 42 51.37	+07 16 52.3		675
22P	1996 07 28.59366	19 25 38.36	-21 45 19.5	14.9 N	388	29P	1989 09 30.26111	23 42 50.48	+07 16 46.0		675
22P	1996 07 28.59669	19 25 38.40	-21 45 21.1	14.9 N	388	46P/Wirtanen					
22P	1996 07 28.59977	19 25 38.44	-21 45 22.4	14.8 N	388	46P	1996 08 10.67656	21 50 46.69	-30 10 12.9	18.9 T	360
22P	1996 07 28.60287	19 25 38.47	-21 45 23.9	15.0 N	388	46P	1996 08 10.68229	21 50 46.23	-30 10 16.4		360

46P	1996 08 10.68802	21 50 45.82	-30 10 18.7		360
46P	1996 08 17.33699	21 42 40.04	-31 12 49.8		568
46P	1996 08 17.35483	21 42 38.63	-31 12 59.6		568
46P	1996 08 17.37323	21 42 37.18	-31 13 09.7		568
46P	1996 08 17.38203	21 42 36.50	-31 13 14.4		568
46P	1996 08 17.48829	21 42 28.14	-31 14 11.3		568
46P	1996 08 17.54510	21 42 23.68	-31 14 41.0		568
46P	1996 08 19.60729	21 39 45.52	-31 32 39.3	18.9 T	360
46P	1996 08 19.61215	21 39 45.07	-31 32 41.6		360
46P	1996 08 19.62500	21 39 44.12	-31 32 48.8		360

57P/du Toit-Neujmin-Delporte

57P	1996 08 01.75602	02 29 42.05	+14 35 21.7	12.5 T	900
57P	1996 08 01.76363	02 29 42.53	+14 35 23.1	12.3 T	900
57P	1996 08 04.03028	02 32 02.77	+14 43 42.2	14.3 T	605
57P	1996 08 04.03391	02 32 03.07	+14 43 44.9	14.4 T	605
57P	1996 08 04.05964	02 32 04.65	+14 43 51.4	14.5 T	605
57P	1996 08 06.06348	02 34 03.01	+14 50 42.8	15.1 T	605
57P	1996 08 06.07178	02 34 03.10	+14 50 40.9	14.5 T	605
57P	1996 08 07.07076	02 35 00.12	+14 53 53.8	13.5 T	118
57P	1996 08 07.07834	02 35 00.61	+14 53 55.0		118
57P	1996 08 10.08376	02 37 42.56	+15 02 40.6		118
57P	1996 08 10.08670	02 37 42.71	+15 02 41.0	14.3 T	118
57P	1996 08 11.04353	02 38 31.45	+15 05 11.9		8 118
57P	1996 08 11.04713	02 38 31.68	+15 05 13.2	13.7 T	8 118
57P	1996 08 13.05044	02 40 09.01	+15 10 03.7		107
57P	1996 08 13.05796	02 40 09.48	+15 10 05.7		107
57P	1996 08 15.71181	02 42 08.80	+15 15 40.5	11.8 T	367
57P	1996 08 15.71920	02 42 09.06	+15 15 41.0		367
57P	1996 08 15.76730	02 42 11.06	+15 15 46.9	12.6 T	900
57P	1996 08 17.73785	02 43 32.34	+15 19 15.4	13.5 T	900
57P	1996 08 17.74716	02 43 32.53	+15 19 16.1	13.6 T	900
57P	1996 08 18.73799	02 44 11.40	+15 20 49.7	17.6 N	388
57P	1996 08 18.76627	02 44 12.44	+15 20 52.9	17.6 N	388
57P	1996 08 18.77188	02 44 12.57	+15 20 53.1	17.3 N	388
57P	1996 08 18.78894	02 44 13.23	+15 20 54.5	17.5 N	388
57P	1996 08 18.79537	02 44 13.45	+15 20 55.0	17.6 N	388
57P	1996 08 18.80044	02 44 13.61	+15 20 55.6	17.4 N	388
57P	1996 08 20.03938	02 44 59.35	+15 22 37.9	14.2 T	118
57P	1996 08 20.04846	02 44 59.65	+15 22 38.5		118
57P	1996 08 21.00326	02 45 32.99	+15 23 49.7		118
57P	1996 08 21.02113	02 45 33.69	+15 23 51.5		118
57P	1996 08 21.10227	02 45 36.38	+15 23 56.0	17.9 N	557
57P	1996 08 21.11047	02 45 36.64	+15 23 56.5	14.7 T	557
57P	1996 08 22.06037	02 46 08.29	+15 24 57.7	14.4 T	118
57P	1996 08 23.09609	02 46 40.84	+15 25 56.4		118
57P	1996 08 24.04775	02 47 09.19	+15 26 41.0	14.9 T	118
57P	1996 08 25.07786	02 47 38.12	+15 27 21.6		118
57P	1996 08 25.08049	02 47 38.19	+15 27 21.6		118
57P	1996 08 25.09058	02 47 38.44	+15 27 21.8		118

65P/Gunn					
65P	1996 07 04.06883	16 07 50.89	-24 01 39.9		834
65P	1996 07 21.89742	16 07 20.31	-25 03 30.9	15.4 T	113
65P	1996 07 21.90377	16 07 20.34	-25 03 32.2	15.4 T	113
65P	1996 07 21.91103	16 07 20.55	-25 03 32.8	15.4 T	113
65P	1996 07 21.91869	16 07 20.56	-25 03 36.4	15.5 T	113
65P	1996 07 28.46576	16 09 30.23	-25 27 41.8		900
65P	1996 07 28.47384	16 09 30.42	-25 27 43.6	14.5 T	900
65P	1996 08 17.47071	16 23 13.80	-26 44 19.0		9 422
65P	1996 08 17.47188	16 23 13.87	-26 44 19.5		9 422
65P	1996 08 17.47301	16 23 13.93	-26 44 19.6		9 422
65P	1996 08 17.47409	16 23 13.98	-26 44 19.9		9 422
65P	1996 08 18.45664	16 24 09.73	-26 48 11.6	15.3 T	900
65P	1996 08 18.47474	16 24 10.79	-26 48 15.7	15.7 T	900
65P	1996 08 19.48368	16 25 09.35	-26 52 09.4	13.8 T	360
65P	1996 08 19.48750	16 25 09.56	-26 52 10.1		360

73P/Schwassmann-Wachmann 3

73P	1995 11 08.42716	18 47 05.74	-32 13 38.7		415
73P	1995 11 12.43464	19 09 29.06	-31 57 18.0		415

74P/Smirnova-Chernykh

74P	1996 08 18.70521	23 05 14.93	-14 49 44.8	18.1 T	360
74P	1996 08 18.71111	23 05 14.73	-14 49 46.2		360

81P/Wild 2

81P	1996 08 17.60339	06 06 22.07	+20 59 44.4		568
81P	1996 08 17.62332	06 06 22.96	+20 59 44.2		568

116P/Wild 4

116P	1996 08 05.46059	11 10 30.92	+06 17 53.9	12.7 T	367
116P	1996 08 05.46580	11 10 31.65	+06 17 49.3		367

117P/Helin-Roman-Alu 1

117P	1996 07 21.89134	15 47 05.08	-19 40 58.5	18.7 T	118
117P	1996 08 05.51563	15 49 10.03	-20 12 22.9	18.0 T	360
117P	1996 08 05.52257	15 49 10.12	-20 12 23.3		360

118P/Shoemaker-Levy 4

118P	1996 08 26.10611	04 30 48.36	+13 15 10.8	17.6 N	557
118P	1996 08 26.10955	04 30 48.70	+13 15 10.5	16.0 T	557

123P/West-Hartley

123P	1996 08 05.47191	11 25 12.02	+12 36 34.1	14.2 T	3 367
123P	1996 08 05.47813	11 25 12.82	+12 36 29.0		3 367

125P/Spacewatch

125P	1996 07 26.86454	13 57 14.61	+00 41 22.9	16.9 T	1 118
125P	1996 07 26.86662	13 57 14.87	+00 41 21.0		1 118
125P	1996 08 12.47656	14 39 41.61	-04 15 54.0	15.5 T	360
125P	1996 08 12.47934	14 39 42.07	-04 15 57.0		360
125P	1996 08 14.04984	14 43 50.76	-04 43 24.4	A	801
125P	1996 08 14.05594	14 43 51.51	-04 43 31.9		801
125P	1996 08 19.04227	14 57 07.75	-06 09 22.9		5 801
125P	1996 08 19.04619	14 57 08.21	-06 09 25.3		5 801

125P	1996 08 19.47569	14 58 17.24	−06 16 41.3	15.8 T	360
125P	1996 08 19.47882	14 58 17.74	−06 16 44.5		360

126P/IRAS

126P	1996 08 08.70684	00 41 55.57	−62 34 47.4	13 T	413
126P	1996 08 09.55573	00 39 45.25	−62 35 32.7		424
126P	1996 08 09.56302	00 39 44.05	−62 35 32.5		424
126P	1996 08 09.56843	00 39 43.05	−62 35 33.4	9	422
126P	1996 08 09.56937	00 39 43.00	−62 35 33.6	9	422
126P	1996 08 09.57040	00 39 42.77	−62 35 33.5		422
126P	1996 08 09.57224	00 39 42.51	−62 35 33.7		422
126P	1996 08 09.57298	00 39 42.30	−62 35 33.4		422
126P	1996 08 09.64861	00 39 30.15	−62 35 38.5		424
126P	1996 08 10.57726	00 37 00.40	−62 36 02.8		424

Note 1: poor distribution of reference stars. 2: very faint and out-of-focus image, difficult to measure. 3: faint image. 4: weak image. 5: very faint image. 6: involved with flaw. 7: poor sky. 8: right ascension uncertain. 9: involved with star. A: trailed image.

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
J J2000.0 reduction of previously-reported position
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, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180 Brussels, Belgium [elst@atmos.oma.be]

Observers C. Pollas, D. Albanese

Measurer E. W. Elst

0.9-m Schmidt telescope

1989 SN ₄	1993 10 15.95625	00 17 25.64	−01 49 36.8	18.5	010
1989 SN ₄	1993 10 15.96667	00 17 25.23	−01 49 39.2		010
1989 SN ₄	1993 10 15.97743	00 17 24.70	−01 49 43.5		010
1993 PC ₅	1993 08 19.98333	22 22 29.66	−05 03 14.8		010
1993 PC ₅	1993 08 19.99375	22 22 29.22	−05 03 19.6		010
1993 PC ₅	1993 08 20.00417	22 22 28.74	−05 03 25.4		010
1996 HJ ₁₅	1993 09 20.01071	23 09 13.44	−06 27 14.7	18.7	010
1996 HJ ₁₅	1993 09 20.02141	23 09 12.89	−06 27 17.9		010
1996 HJ ₁₅	1993 09 20.03218	23 09 12.46	−06 27 22.1		010

033 Tautenburg

F. Börngen, Thüringer Landessternwarte, Sternwarte 5, D-07778 Tautenburg, Germany [boerg@tls.tautenburg.de]

1.3-m Schmidt telescope

PPM

1990 TP ₇	1995 10 24.83403	00 57 33.05	+06 36 27.4	18.5	033
1990 TP ₇	1995 10 24.87847	00 57 30.94	+06 36 16.2		033
1990 TP ₇	1995 10 25.87847	00 56 47.74	+06 32 15.8		033
1995 SZ ₃	1995 10 24.83403	00 58 46.83	+05 53 31.2	16.5	033
1995 SZ ₃	1995 10 24.87847	00 58 45.37	+05 53 04.6		033
1995 SZ ₃	1995 10 25.87847	00 58 16.70	+05 43 15.2		033
1995 SV ₄₃	1995 10 24.83403	00 55 16.47	+06 13 56.4	18.7	033
1995 SV ₄₃	1995 10 24.87847	00 55 14.77	+06 13 37.5		033
1995 SV ₄₃	1995 10 25.87847	00 54 37.52	+06 06 35.5		033
1995 TO	1995 10 24.83403	00 55 03.71	+07 03 40.9	18.3	033
1995 TO	1995 10 24.87847	00 55 01.25	+07 03 35.9		033
1995 TO	1995 10 25.87847	00 54 10.32	+07 01 44.6		033
1995 UR ₅	1995 10 24.83403	01 02 21.13	+06 33 37.7	18.6	033
1995 UR ₅	1995 10 24.87847	01 02 19.36	+06 33 15.9		033
1995 UR ₅	1995 10 25.87847	01 01 41.71	+06 24 52.2		033
1995 UR ₄₉	* 1995 10 24.83403	00 51 58.30	+05 32 23.5	16.3	033
1995 UR ₄₉	1995 10 24.87847	00 51 56.53	+05 32 16.4		033
1995 UR ₄₉	1995 10 25.87847	00 51 20.66	+05 29 28.1		033
(632)	1995 10 24.83403	00 54 31.30	+07 14 58.7	16.8	033
(632)	1995 10 24.87847	00 54 29.10	+07 14 47.2		033
(632)	1995 10 25.87847	00 53 42.76	+07 10 22.9		033
(1229)	1995 10 24.83403	01 02 58.83	+06 38 11.7	16.0	033
(1229)	1995 10 24.87847	01 02 56.96	+06 37 59.7		033
(1229)	1995 10 25.87847	01 02 17.44	+06 33 32.6		033
(3011)	1995 10 24.83403	01 00 07.77	+07 25 37.9	16.6	033

(3011)	1995 10 24.87847	01 00 05.94	+07 25 20.0		033
(3011)	1995 10 25.87847	00 59 28.14	+07 18 37.2		033
(3168)	1995 10 24.83403	00 59 33.00	+05 40 17.9	17.0	033
(3168)	1995 10 24.87847	00 59 30.73	+05 40 14.8		033
(3168)	1995 10 25.87847	00 58 42.57	+05 38 57.8		033
(3593)	1995 10 24.83403	00 54 53.89	+07 58 37.7	18.0	033
(3593)	1995 10 24.87847	00 54 51.29	+07 58 21.1		033
(3593)	1995 10 25.87847	00 53 56.43	+07 52 06.0		033
(4846)	1995 10 24.83403	00 55 16.63	+05 27 03.0	17.8	033
(4846)	1995 10 24.87847	00 55 14.56	+05 26 56.0		033
(4846)	1995 10 25.87847	00 54 31.64	+05 24 03.1		033
(5339)	1995 10 24.83403	00 52 17.00	+08 06 21.2	17.6	033
(5339)	1995 10 24.87847	00 52 15.09	+08 06 09.8		033
(5339)	1995 10 25.87847	00 51 34.63	+08 02 07.8		033
(6638)	1995 10 24.83403	00 53 18.45	+06 39 50.9	17.2	033
(6638)	1995 10 24.87847	00 53 16.15	+06 39 34.6		033
(6638)	1995 10 25.87847	00 52 29.47	+06 33 19.6		033

046 Kleť

J. Tichá, Hvězdárna Kleť, Zátkovo nábřeží 4, CZ-37001 České Budějovice, Czech

Republic [klet@jcu.cz]

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

Measurers M. Tichý, Z. Moravec

0.57-m reflector + CCD

GSC

1979 SK	1996 08 19.98434	23 11 33.82	−00 42 16.3	17.1 V	046
1979 SK	1996 08 19.98818	23 11 33.66	−00 42 16.3		046
1979 SK	1996 08 19.99071	23 11 33.56	−00 42 16.3		046
1979 SK	1996 08 21.06396	23 10 51.92	−00 42 44.8	17.0 V	046
1979 SK	1996 08 21.06789	23 10 51.75	−00 42 44.9		046
1979 SK	1996 08 21.07024	23 10 51.65	−00 42 44.9		046
1982 RW ₁	1996 08 08.99830	22 47 32.77	−15 35 19.9	17.2 V	046
1982 RW ₁	1996 08 09.00162	22 47 32.63	−15 35 20.4		046
1982 RW ₁	1996 08 09.00565	22 47 32.46	−15 35 21.0		046
1982 RW ₁	1996 08 09.92147	22 46 56.20	−15 37 38.2	16.9 V	046
1982 RW ₁	1996 08 09.92545	22 46 56.04	−15 37 38.4		046
1982 RW ₁	1996 08 09.92916	22 46 55.87	−15 37 39.1		046
1982 RW ₁	1996 08 19.97181	22 38 52.52	−16 02 58.1	17.0 V	046
1982 RW ₁	1996 08 19.97589	22 38 52.29	−16 02 58.6		046
1982 RW ₁	1996 08 19.97823	22 38 52.16	−16 02 59.0		046
1982 RW ₁	1996 08 21.04521	22 37 53.62	−16 05 28.4	16.8 V	046
1982 RW ₁	1996 08 21.04922	22 37 53.39	−16 05 28.9		046
1982 RW ₁	1996 08 21.05174	22 37 53.25	−16 05 29.2		046
1986 WN ₇	1996 08 08.92920	21 05 34.95	−16 10 16.6	17.5 V	046
1986 WN ₇	1996 08 08.93293	21 05 34.77	−16 10 16.9		046
1986 WN ₇	1996 08 08.93794	21 05 34.52	−16 10 17.4		046
1986 WN ₇	1996 08 09.90216	21 04 46.65	−16 12 12.0	17.5 V	046
1986 WN ₇	1996 08 09.90406	21 04 46.57	−16 12 12.4		046
1986 WN ₇	1996 08 09.90610	21 04 46.46	−16 12 13.0		046
1986 WN ₇	1996 08 15.86853	20 59 54.08	−16 23 36.0	18.0 V	046
1986 WN ₇	1996 08 15.87623	20 59 53.69	−16 23 37.2		046
1986 WN ₇	1996 08 15.92706	20 59 51.21	−16 23 42.7		046

1986 WO ₇	1996 07 23.03039	21 56 48.15	−12 34 17.7	18.8 V	S 046
1986 WO ₇	1996 07 23.03207	21 56 48.13	−12 34 18.0		S 046
1986 WO ₇	1996 07 23.03912	21 56 47.85	−12 34 18.8		S 046
1986 WO ₇	1996 08 06.94481	21 46 46.40	−13 12 09.7	18.6 V	046
1986 WO ₇	1996 08 06.94649	21 46 46.28	−13 12 09.7		046
1986 WO ₇	1996 08 06.95321	21 46 45.95	−13 12 11.0		046
1986 WO ₇	1996 08 08.94365	21 45 16.40	−13 17 50.9	18.8 V	046
1986 WO ₇	1996 08 08.94750	21 45 16.20	−13 17 51.8		046
1986 WO ₇	1996 08 08.95253	21 45 16.01	−13 17 52.1		046
1987 PA	1996 08 18.99231	22 36 25.27	+18 01 05.3	17.6 V	046
1987 PA	1996 08 18.99427	22 36 25.09	+18 01 08.2		046
1987 PA	1996 08 18.99803	22 36 24.75	+18 01 13.9		046
1988 AT ₁	1996 08 01.86766	19 18 40.97	−22 59 18.8		046
1988 AT ₁	1996 08 01.87106	19 18 40.80	−22 59 18.5		046
1988 AT ₁	1996 08 01.87459	19 18 40.61	−22 59 18.9		046
1988 AT ₁	1996 08 05.87346	19 15 36.21	−22 58 55.6	17.6 V	046
1988 AT ₁	1996 08 05.87587	19 15 36.08	−22 58 55.7		046
1988 AT ₁	1996 08 05.87995	19 15 35.92	−22 58 54.7		046
1988 VD ₅	1996 08 19.94855	21 22 39.80	+00 57 25.0	17.5 V	046
1988 VD ₅	1996 08 19.95234	21 22 39.62	+00 57 23.3		046
1988 VD ₅	1996 08 19.95454	21 22 39.51	+00 57 22.4		046
1988 VD ₅	1996 08 20.97047	21 21 51.58	+00 50 36.3	17.4 V	046
1988 VD ₅	1996 08 20.97448	21 21 51.38	+00 50 34.6		046
1988 VD ₅	1996 08 20.97639	21 21 51.30	+00 50 33.8		046
1988 VR ₅	1996 08 23.04458	23 44 17.36	+18 03 30.6		046
1988 VR ₅	1996 08 23.04843	23 44 17.25	+18 03 30.1		046
1988 VR ₅	1996 08 23.05146	23 44 17.17	+18 03 29.5		046
1988 VR ₅	1996 08 24.05316	23 43 50.39	+18 00 48.5	17.0 V	046
1988 VR ₅	1996 08 24.05924	23 43 50.21	+18 00 47.5		046
1988 VR ₅	1996 08 24.06328	23 43 50.09	+18 00 46.8		046
1989 RS ₁	1996 08 18.96628	21 42 57.65	+04 50 23.0	16.7 V	046
1989 RS ₁	1996 08 18.96829	21 42 57.84	+04 50 21.8		046
1989 RS ₁	1996 08 18.97016	21 42 58.00	+04 50 20.6		046
1989 TJ ₂	1996 08 21.10588	02 40 51.79	+21 01 01.5	17.9 V	046
1989 TJ ₂	1996 08 21.10984	02 40 51.99	+21 01 03.5		046
1989 TJ ₂	1996 08 21.11234	02 40 52.16	+21 01 04.7		046
1989 TJ ₂	1996 08 23.01634	02 42 40.38	+21 16 07.8		046
1989 TJ ₂	1996 08 23.02020	02 42 40.60	+21 16 10.1		046
1989 TJ ₂	1996 08 23.02313	02 42 40.76	+21 16 11.5		046
1992 SS ₂₆	1992 09 27.79965	01 00 19.31	+13 50 21.7	16.4	I 046
1992 SS ₂₆	1992 09 27.81389	01 00 18.34	+13 50 22.6		046
1992 SS ₂₆	1992 09 27.93727	01 00 11.93	+13 50 16.0	16.6	046
1992 SS ₂₆	1992 09 27.95145	01 00 11.07	+13 50 19.6		046
1995 EN	1996 07 23.05619	00 56 18.95	+02 45 09.6	18.7 V	046
1995 EN	1996 07 23.05811	00 56 19.04	+02 45 10.1		046
1995 EN	1996 07 23.06266	00 56 19.19	+02 45 12.4		046
1995 EN	1996 07 23.06454	00 56 19.30	+02 45 12.2		046
1995 EN	1996 08 06.99589	01 03 12.88	+03 46 27.7	18.7 V	046
1995 EN	1996 08 07.00091	01 03 12.96	+03 46 28.6		046
1995 EN	1996 08 07.00594	01 03 13.03	+03 46 29.7		046
1995 EN	1996 08 09.02850	01 03 39.23	+03 52 11.5	18.7 V	046
1995 EN	1996 08 09.03219	01 03 39.26	+03 52 12.6		046

1995 EN	1996 08 09.03971	01 03 39.34	+03 52 13.2		046	1996 OK	1996 08 09.89300	21 09 19.12	-19 34 32.2		046
1995 EN	1996 08 09.04300	01 03 39.34	+03 52 14.2		046	1996 OK	1996 08 15.91157	21 05 14.53	-20 45 45.2	16.9 V	046
1995 EO	1996 08 19.88911	20 44 38.83	-12 40 56.3	18.4 V	046	1996 OK	1996 08 15.91541	21 05 14.36	-20 45 48.0		046
1995 EO	1996 08 19.89251	20 44 38.66	-12 40 57.3		046	1996 OK	1996 08 15.91839	21 05 14.24	-20 45 49.9		046
1995 EO	1996 08 19.89421	20 44 38.57	-12 40 58.0		046	1996 OK	1996 08 18.94826	21 03 20.14	-21 19 29.3	17.3 V	046
1995 EO	1996 08 20.90584	20 43 46.18	-12 45 05.7	18.2 V	046	1996 OK	1996 08 18.95162	21 03 20.00	-21 19 31.8		046
1995 EO	1996 08 20.90773	20 43 46.08	-12 45 06.2		046	1996 OK	1996 08 18.95487	21 03 19.87	-21 19 33.8		046
1995 EO	1996 08 20.90985	20 43 45.96	-12 45 06.6		046	1996 OK	1996 08 20.96017	21 02 09.88	-21 40 47.0	17.2 V	046
1995 ES	1996 07 22.96874	20 30 19.11	-29 39 16.2	18.7 V	046	1996 OK	1996 08 20.96212	21 02 09.80	-21 40 48.2		046
1995 ES	1996 07 22.97042	20 30 18.94	-29 39 16.5		046	1996 OK	1996 08 20.96597	21 02 09.66	-21 40 50.5		046
1995 ES	1996 07 22.97209	20 30 18.89	-29 39 17.0		046	1996 ON	1996 07 22.98531	21 12 07.40	-10 48 02.1	17.2 V	046
1995 JD	1996 08 08.98745	22 35 36.81	-02 53 25.5	19.3 V	046	1996 ON	1996 07 22.99003	21 12 07.19	-10 48 01.7		046
1995 JD	1996 08 08.98913	22 35 36.73	-02 53 26.3		046	1996 ON	1996 07 22.99211	21 12 07.10	-10 48 01.6		046
1995 JD	1996 08 08.99081	22 35 36.70	-02 53 26.5		046	1996 ON	1996 07 23.01847	21 12 05.95	-10 47 59.6	17.2 V	046
1995 JD	1996 08 08.99249	22 35 36.61	-02 53 27.2		046	1996 ON	1996 07 23.02037	21 12 05.87	-10 47 59.6		046
1995 JD	1996 08 15.95108	22 30 26.68	-03 23 50.4	19.2 V	046	1996 ON	1996 07 23.02221	21 12 05.80	-10 47 59.5		046
1995 JD	1996 08 15.95293	22 30 26.64	-03 23 50.6		046	1996 ON	1996 07 24.96991	21 10 44.52	-10 45 50.1	16.9 V	046
1995 JD	1996 08 15.95471	22 30 26.53	-03 23 51.5		046	1996 ON	1996 07 25.00123	21 10 43.05	-10 45 48.5		046
1995 JD	1996 08 15.95678	22 30 26.41	-03 23 52.0		046	1996 ON	1996 07 25.00306	21 10 42.95	-10 45 48.6		046
1996 OA	1996 07 19.93036	19 31 51.61	-23 01 57.1	18.6 V	046	1996 ON	1996 07 25.02645	21 10 41.96	-10 45 47.1		046
1996 OA	1996 07 19.93497	19 31 51.33	-23 01 58.4		046	1996 ON	1996 07 25.03051	21 10 41.74	-10 45 46.8		046
1996 OA	1996 07 19.93709	19 31 51.25	-23 01 58.1		046	1996 ON	1996 08 01.89377	21 04 33.45	-10 42 16.3		046
1996 OA	1996 07 20.94383	19 31 00.78	-23 05 01.1	18.6 V	046	1996 ON	1996 08 01.89610	21 04 33.32	-10 42 16.5		046
1996 OA	1996 07 20.94777	19 31 00.58	-23 05 02.0		046	1996 ON	1996 08 01.90057	21 04 33.08	-10 42 16.4		046
1996 OA	1996 07 20.94991	19 31 00.41	-23 05 02.8		046	1996 ON	1996 08 05.91133	21 01 09.95	-10 43 19.4	16.7 V	046
1996 OA	1996 07 21.89859	19 30 13.22	-23 07 52.0	18.7 V	046	1996 ON	1996 08 05.91323	21 01 09.89	-10 43 20.0		046
1996 OA	1996 07 21.90054	19 30 13.17	-23 07 52.1		046	1996 ON	1996 08 05.91641	21 01 09.74	-10 43 20.3		046
1996 OA	1996 07 21.90453	19 30 12.96	-23 07 53.1		046	1996 ON	1996 08 05.92104	21 01 09.47	-10 43 19.9		046
1996 OA	1996 07 22.93815	19 29 21.77	-23 10 55.4	18.9 V	046	1996 ON	1996 08 09.85866	20 57 48.41	-10 45 54.7	16.9 V	046
1996 OA	1996 07 22.94014	19 29 21.63	-23 10 55.6		046	1996 ON	1996 08 09.86396	20 57 48.16	-10 45 55.0		046
1996 OA	1996 07 22.94390	19 29 21.46	-23 10 56.1		046	1996 ON	1996 08 09.86641	20 57 48.01	-10 45 55.2		046
1996 OA	1996 08 06.88825	19 18 19.81	-23 48 37.4	19.2 V	046	1996 ON	1996 08 15.85499	20 52 53.38	-10 52 05.3	17.1 V	046
1996 OA	1996 08 06.89192	19 18 19.67	-23 48 38.4		046	1996 ON	1996 08 15.86088	20 52 53.09	-10 52 05.6		046
1996 OA	1996 08 06.89626	19 18 19.49	-23 48 39.2		046	1996 ON	1996 08 15.90419	20 52 50.93	-10 52 08.8		046
1996 OK	1996 07 22.00130	21 20 40.17	-15 48 30.9	17.6 V	046	1996 ON	1996 08 15.90641	20 52 50.83	-10 52 09.2		046
1996 OK	1996 07 22.00654	21 20 40.03	-15 48 34.4		046	1996 ON	1996 08 18.93601	20 50 33.46	-10 55 57.6	17.2 V	046
1996 OK	1996 07 22.01038	21 20 39.92	-15 48 36.7		046	1996 ON	1996 08 18.93986	20 50 33.29	-10 55 57.9		046
1996 OK	1996 07 23.00885	21 20 13.75	-15 59 32.9	17.7 V	046	1996 ON	1996 08 18.94220	20 50 33.18	-10 55 58.1		046
1996 OK	1996 07 23.01292	21 20 13.63	-15 59 35.7		046	1996 ON	1996 08 20.92459	20 49 09.47	-10 58 35.7	17.2 V	046
1996 OK	1996 07 23.01479	21 20 13.56	-15 59 36.9		046	1996 ON	1996 08 20.92860	20 49 09.29	-10 58 36.0		046
1996 OK	1996 07 25.00740	21 19 16.81	-16 21 59.4	17.2 V	046	1996 ON	1996 08 20.93053	20 49 09.20	-10 58 36.3		046
1996 OK	1996 07 25.00924	21 19 16.74	-16 22 00.6		046	1996 OX	1996 07 26.90943	21 09 02.84	-11 12 14.5	16.6 V	046
1996 OK	1996 07 25.01293	21 19 16.63	-16 22 03.3		046	1996 OX	1996 07 26.91565	21 09 02.52	-11 12 16.7		046
1996 OK	1996 07 26.96416	21 18 15.83	-16 44 36.6	17.2 V	046	1996 OX	1996 07 26.92010	21 09 02.27	-11 12 18.5		046
1996 OK	1996 07 26.98598	21 18 15.05	-16 44 51.9		046	1996 OX	1996 08 01.88331	21 04 01.57	-11 52 29.4		046
1996 OK	1996 07 26.99206	21 18 14.83	-16 44 56.1		046	1996 OX	1996 08 01.88777	21 04 01.34	-11 52 31.5		046
1996 OK	1996 08 01.90545	21 14 43.56	-17 56 08.2		046	1996 OX	1996 08 01.89002	21 04 01.22	-11 52 32.4		046
1996 OK	1996 08 01.90942	21 14 43.39	-17 56 11.2		046	1996 OX	1996 08 05.92718	21 00 29.90	-12 21 41.5	16.6 V	046
1996 OK	1996 08 01.91201	21 14 43.27	-17 56 13.1		046	1996 OX	1996 08 05.92904	21 00 29.80	-12 21 42.5		046
1996 OK	1996 08 06.87738	21 11 24.24	-18 57 31.4	16.7 V	046	1996 OX	1996 08 09.85182	20 57 05.85	-12 50 49.9	16.7 V	046
1996 OK	1996 08 06.87924	21 11 24.14	-18 57 33.2		046	1996 OX	1996 08 09.85422	20 57 05.69	-12 50 50.7		046
1996 OK	1996 08 06.88383	21 11 23.93	-18 57 36.4		046	1996 OX	1996 08 09.85622	20 57 05.61	-12 50 52.2		046

1996 OX	1996 08 15.83806	20 52 10.39	-13 35 23.2	16.8 V	046	1996 PH	* 1996 08 08.92920	21 05 42.31	-16 03 14.2	18.5 V	046
1996 OX	1996 08 15.84839	20 52 09.86	-13 35 28.3		046	1996 PH	1996 08 08.93293	21 05 42.11	-16 03 14.6		046
1996 OX	1996 08 15.85047	20 52 09.76	-13 35 28.8		046	1996 PH	1996 08 08.93563	21 05 41.96	-16 03 14.8		046
1996 OX	1996 08 15.85231	20 52 09.67	-13 35 29.7		046	1996 PH	1996 08 08.93794	21 05 41.80	-16 03 15.4		046
1996 OX	1996 08 18.92631	20 49 51.15	-13 57 50.7	17.1 V	046	1996 PH	1996 08 09.91038	21 04 47.11	-16 05 46.6	18.4 V	S 046
1996 OX	1996 08 18.93015	20 49 50.97	-13 57 52.5		046	1996 PH	1996 08 09.91231	21 04 46.97	-16 05 47.5		S 046
1996 OX	1996 08 18.93237	20 49 50.87	-13 57 53.3		046	1996 PH	1996 08 09.91622	21 04 46.74	-16 05 47.7		S 046
1996 OX	1996 08 20.91466	20 48 28.15	-14 11 56.9	17.3 V	046	1996 PW	1996 08 15.88155	22 20 18.63	-14 19 20.3	17.0 V	046
1996 OX	1996 08 20.91874	20 48 27.98	-14 11 58.6		046	1996 PW	1996 08 15.88346	22 20 18.64	-14 19 22.9		046
1996 OX	1996 08 20.92068	20 48 27.89	-14 11 59.5		046	1996 PW	1996 08 15.88531	22 20 18.62	-14 19 25.0		046
1996 OX	1996 08 22.85883	20 47 12.72	-14 25 23.8	17.1 V	046	1996 PW	1996 08 15.88740	22 20 18.60	-14 19 27.2		046
1996 OX	1996 08 22.86076	20 47 12.67	-14 25 24.1		046	1996 PW	1996 08 18.88109	22 19 59.71	-15 16 11.7	17.0 V	046
1996 OX	1996 08 22.86296	20 47 12.56	-14 25 24.9		046	1996 PW	1996 08 18.88299	22 19 59.70	-15 16 13.8		046
1996 OY	1996 08 06.90233	20 14 38.55	+00 58 40.2	19.5 V	046	1996 PW	1996 08 18.88786	22 19 59.62	-15 16 19.3		046
1996 OY	1996 08 06.90810	20 14 38.27	+00 58 39.9		046	1996 PW	1996 08 18.88984	22 19 59.63	-15 16 21.5		046
1996 OY	1996 08 06.91260	20 14 38.02	+00 58 38.7		046	1996 PW	1996 08 18.98072	22 19 58.87	-15 18 04.9	17.3 V	046
1996 OY	1996 08 20.86941	20 04 26.48	+00 19 59.3	20.1 V	F 046	1996 PW	1996 08 18.98258	22 19 58.85	-15 18 07.1		046
1996 OY	1996 08 20.87137	20 04 26.45	+00 19 59.7		F 046	1996 PW	1996 08 18.98505	22 19 58.83	-15 18 09.8		046
1996 OY	1996 08 20.87340	20 04 26.31	+00 19 59.5		F 046	1996 PW	1996 08 18.98714	22 19 58.81	-15 18 12.3		046
1996 OY	1996 08 20.87538	20 04 26.24	+00 19 58.7		F 046	1996 PW	1996 08 19.92885	22 19 52.33	-15 36 01.3	17.1 V	046
1996 PA	1996 08 06.92747	22 59 53.71	-04 55 39.6	15.5 V	046	1996 PW	1996 08 19.93097	22 19 52.30	-15 36 03.8		046
1996 PA	1996 08 06.92869	22 59 53.76	-04 55 43.1		046	1996 PW	1996 08 19.93378	22 19 52.28	-15 36 06.8		046
1996 PA	1996 08 06.93079	22 59 53.85	-04 55 49.2		046	1996 PW	1996 08 19.93564	22 19 52.27	-15 36 08.9		046
1996 PA	1996 08 06.93249	22 59 53.91	-04 55 54.2		046	1996 PW	1996 08 21.03567	22 19 44.17	-15 56 55.0	17.6 V	046
1996 PA	1996 08 07.01237	22 59 57.03	-04 59 42.5	15.5 V	046	1996 PW	1996 08 21.03764	22 19 44.15	-15 56 57.3		046
1996 PA	1996 08 07.01352	22 59 57.07	-04 59 45.8		046	1996 PW	1996 08 21.03958	22 19 44.13	-15 56 59.6		046
1996 PA	1996 08 07.01475	22 59 57.10	-04 59 49.2		046	1996 PC ₁	1996 08 15.94580	22 19 25.58	-22 49 16.7	17.0 V	046
1996 PA	1996 08 07.01620	22 59 57.14	-04 59 53.4		046	1996 PC ₁	1996 08 15.94648	22 19 25.38	-22 49 09.2		046
1996 PA	1996 08 07.01734	22 59 57.19	-04 59 56.6		046	1996 PC ₁	1996 08 15.94716	22 19 25.15	-22 49 02.2		046
1996 PA	1996 08 07.02175	22 59 57.39	-05 00 09.3		046	1996 PC ₁	1996 08 15.94817	22 19 24.80	-22 48 50.3		046
1996 PA	1996 08 07.02359	22 59 57.45	-05 00 14.6		046	1996 PC ₁	1996 08 18.97218	22 02 15.48	-11 41 03.5	16.9 V	046
1996 PA	1996 08 09.01913	23 01 21.99	-06 36 29.0	15.8 V	046	1996 PC ₁	1996 08 18.97563	22 02 14.11	-11 40 10.9		046
1996 PA	1996 08 09.02039	23 01 22.04	-06 36 32.6		046	1996 PC ₁	1996 08 18.97639	22 02 13.81	-11 39 59.0		046
1996 PA	1996 08 09.02185	23 01 22.09	-06 36 36.9		046	1996 PC ₁	1996 08 18.97711	22 02 13.53	-11 39 48.2		046
1996 PA	1996 08 09.02308	23 01 22.13	-06 36 40.5		046	1996 PC ₁	1996 08 19.92154	21 56 14.71	-07 29 05.7	16.6 V	046
1996 PA	1996 08 09.93196	23 01 57.98	-07 21 04.9	15.6 V	046	1996 PC ₁	1996 08 19.92229	21 56 14.41	-07 28 53.6		046
1996 PA	1996 08 09.93369	23 01 58.06	-07 21 09.9		046	1996 PC ₁	1996 08 19.92331	21 56 13.99	-07 28 37.0		046
1996 PA	1996 08 09.93510	23 01 58.10	-07 21 14.2		046	1996 PC ₁	1996 08 19.92404	21 56 13.68	-07 28 24.6		046
1996 PA	1996 08 09.93671	23 01 58.16	-07 21 18.9		046	1996 PH ₂	1996 08 18.91164	21 02 27.10	-11 11 00.4	19.2 V	F 046
1996 PA	1996 08 09.93833	23 01 58.21	-07 21 23.6		046	1996 PH ₂	1996 08 18.91370	21 02 26.97	-11 10 56.3		F 046
1996 PA	1996 08 20.01245	23 06 24.77	-15 39 38.0	15.7 V	046	1996 PH ₂	1996 08 18.91565	21 02 26.85	-11 10 53.9		F 046
1996 PA	1996 08 20.01441	23 06 24.79	-15 39 43.6		046	1996 PH ₂	1996 08 18.95855	21 02 24.39	-11 09 46.9		F 046
1996 PA	1996 08 20.01646	23 06 24.81	-15 39 49.6		046	1996 PH ₂	1996 08 18.96046	21 02 24.27	-11 09 45.4		F 046
1996 PA	1996 08 20.01881	23 06 24.83	-15 39 56.4		046	1996 PH ₂	1996 08 18.96237	21 02 24.16	-11 09 41.2		F 046
1996 PA	1996 08 21.05562	23 06 40.31	-16 29 55.9	15.8 V	046	1996 PH ₂	1996 08 19.91066	21 01 37.15	-10 45 30.5	18.9 V	046
1996 PA	1996 08 21.05755	23 06 40.32	-16 30 01.5		046	1996 PH ₂	1996 08 19.91264	21 01 37.02	-10 45 28.4		046
1996 PA	1996 08 21.05947	23 06 40.34	-16 30 06.9		046	1996 PH ₂	1996 08 19.91566	21 01 36.87	-10 45 23.2		046
1996 PA	1996 08 21.07392	23 06 40.47	-16 30 48.4		046	1996 PH ₂	1996 08 19.91756	21 01 36.76	-10 45 20.6		046
1996 PA	1996 08 25.95672	23 07 31.79	-20 17 00.9	15.4 V	046	1996 QX	* 1996 08 19.89953	20 55 57.34	-16 27 12.9	19.0 V	046
1996 PA	1996 08 25.95780	23 07 31.76	-20 17 03.7		046	1996 QX	1996 08 19.90156	20 55 57.27	-16 27 13.9		046
1996 PA	1996 08 25.95882	23 07 31.77	-20 17 06.3		046	1996 QX	1996 08 19.90340	20 55 57.19	-16 27 14.6		046
1996 PA	1996 08 25.96010	23 07 31.77	-20 17 09.9		046	1996 QX	1996 08 19.90630	20 55 57.00	-16 27 15.5		046

1996 QX	1996 08 19.93929	20 55 55.43	-16 27 29.2		046	1996 QC ₁	1996 08 21.07597	23 06 52.96	-16 33 23.1		046
1996 QX	1996 08 19.94144	20 55 55.33	-16 27 29.5		046	1996 QC ₁	1996 08 22.96277	23 05 08.54	-16 45 20.6	18.7 V	046
1996 QX	1996 08 19.94339	20 55 55.26	-16 27 30.4		046	1996 QC ₁	1996 08 22.96466	23 05 08.47	-16 45 21.9		046
1996 QX	1996 08 20.93954	20 55 09.95	-16 34 09.6	18.9 V	046	1996 QC ₁	1996 08 22.96650	23 05 08.41	-16 45 21.7		046
1996 QX	1996 08 20.94144	20 55 09.87	-16 34 10.9		046	1996 QC ₁	1996 08 22.96855	23 05 08.28	-16 45 23.1		046
1996 QX	1996 08 20.94584	20 55 09.62	-16 34 12.7		046	1996 QC ₁	1996 08 22.97183	23 05 08.09	-16 45 24.0		046
1996 QY	* 1996 08 19.95954	21 50 39.65	-12 33 10.8	18.5 V	046	1996 QC ₁	1996 08 22.97372	23 05 08.06	-16 45 24.9		046
1996 QY	1996 08 19.96124	21 50 39.51	-12 33 11.4		046	1996 QE ₁	* 1996 08 22.94986	21 48 08.11	-12 54 46.4	18.9 V	046
1996 QY	1996 08 19.96294	21 50 39.40	-12 33 11.6		046	1996 QE ₁	1996 08 22.95171	21 48 08.05	-12 54 47.7		046
1996 QY	1996 08 19.96463	21 50 39.27	-12 33 11.8		046	1996 QE ₁	1996 08 22.95728	21 48 07.71	-12 54 50.4		046
1996 QY	1996 08 20.00626	21 50 36.68	-12 33 18.3		046	1996 QE ₁	1996 08 22.95919	21 48 07.62	-12 54 50.4		046
1996 QY	1996 08 20.00826	21 50 36.57	-12 33 19.0		046	1996 QE ₁	1996 08 23.95523	21 47 20.20	-13 00 56.6	18.9 V	046
1996 QY	1996 08 20.98016	21 49 37.77	-12 35 46.2	18.6 V	046	1996 QE ₁	1996 08 23.95726	21 47 20.08	-13 00 57.6		046
1996 QY	1996 08 20.98209	21 49 37.65	-12 35 46.6		046	1996 QE ₁	1996 08 23.95983	21 47 19.94	-13 00 58.6		046
1996 QY	1996 08 20.98398	21 49 37.54	-12 35 47.4		046	1996 QE ₁	1996 08 23.96228	21 47 19.85	-13 00 59.4		046
1996 QY	1996 08 20.98586	21 49 37.41	-12 35 47.0		046	1996 QE ₁	1996 08 23.96509	21 47 19.70	-13 01 00.0		046
1996 QY	1996 08 20.98834	21 49 37.29	-12 35 47.5		046	1996 QE ₁	1996 08 23.96745	21 47 19.58	-13 01 01.0		046
1996 QZ	* 1996 08 20.03472	23 24 59.72	-06 48 43.1	18.9 V	046	1996 QE ₁	1996 08 23.96937	21 47 19.47	-13 01 01.5		046
1996 QZ	1996 08 20.03758	23 24 59.65	-06 48 44.8		046	1996 QE ₁	1996 08 24.03809	21 47 16.11	-13 01 27.0	19.0 V	046
1996 QZ	1996 08 20.03959	23 24 59.58	-06 48 45.5		046	1996 QE ₁	1996 08 24.04145	21 47 15.94	-13 01 27.8		046
1996 QZ	1996 08 20.04214	23 24 59.48	-06 48 46.1		046	(835)	1996 07 30.98144	22 20 18.51	-08 49 14.8		046
1996 QZ	1996 08 20.06992	23 24 58.49	-06 48 58.1		046	(835)	1996 07 30.98265	22 20 18.44	-08 49 14.9		046
1996 QZ	1996 08 20.07194	23 24 58.41	-06 48 59.6		046	(835)	1996 07 30.98512	22 20 18.37	-08 49 15.4		046
1996 QZ	1996 08 20.99229	23 24 27.37	-06 55 43.5	19.0 V	046	(1505)	1996 07 26.87824	20 38 26.71	+03 01 33.9	15.3 V	046
1996 QZ	1996 08 20.99426	23 24 27.28	-06 55 44.5		046	(1505)	1996 07 26.88472	20 38 26.34	+03 01 34.0		046
1996 QZ	1996 08 20.99615	23 24 27.16	-06 55 45.2		046	(1505)	1996 07 26.89189	20 38 25.94	+03 01 34.0		046
1996 QZ	1996 08 20.99803	23 24 27.10	-06 55 45.8		046	(1505)	1996 07 30.95478	20 34 43.84	+03 00 23.4		046
1996 QZ	1996 08 21.00155	23 24 26.99	-06 55 46.8		046	(1505)	1996 07 30.95753	20 34 43.69	+03 00 23.4		046
1996 QA ₁	* 1996 08 20.98016	21 49 05.79	-12 36 00.0	18.5 V	046	(1505)	1996 07 30.95978	20 34 43.57	+03 00 23.1		046
1996 QA ₁	1996 08 20.98209	21 49 05.71	-12 36 00.9		046	(1675)	1996 08 20.02278	23 11 00.33	-15 55 01.9	15.0 V	046
1996 QA ₁	1996 08 20.98398	21 49 05.63	-12 36 01.8		046	(1675)	1996 08 20.02447	23 11 00.24	-15 55 02.4		046
1996 QA ₁	1996 08 20.98586	21 49 05.54	-12 36 03.1		046	(1675)	1996 08 20.02787	23 11 00.05	-15 55 03.4		046
1996 QA ₁	1996 08 20.98834	21 49 05.43	-12 36 04.5		046	(1675)	1996 08 21.08495	23 10 02.52	-16 00 23.2	15.3 V	r 046
1996 QA ₁	1996 08 22.94986	21 47 43.18	-12 54 57.1	18.5 V	046	(1675)	1996 08 21.08863	23 10 02.32	-16 00 23.9		r 046
1996 QA ₁	1996 08 22.95171	21 47 43.11	-12 54 57.9		046	(1675)	1996 08 21.09106	23 10 02.19	-16 00 24.6		r 046
1996 QA ₁	1996 08 22.95355	21 47 43.06	-12 54 59.0		046	(3103)	1996 07 31.05354	00 16 08.91	-10 26 25.0	13.0 V	046
1996 QA ₁	1996 08 22.95728	21 47 42.84	-12 55 00.9		046	(3103)	1996 07 31.05437	00 16 09.52	-10 26 31.2		046
1996 QA ₁	1996 08 22.95919	21 47 42.80	-12 55 02.0		046	(3103)	1996 07 31.05598	00 16 10.69	-10 26 43.2		046
1996 QB ₁	* 1996 08 21.00578	21 48 53.41	-12 41 33.9	17.2 V	046	(3342)	1996 08 20.03472	23 25 14.21	-06 44 52.0	17.1 V	046
1996 QB ₁	1996 08 21.00778	21 48 53.31	-12 41 34.5		046	(3342)	1996 08 20.04214	23 25 13.95	-06 44 54.5		046
1996 QB ₁	1996 08 21.00966	21 48 53.23	-12 41 35.0		046	(3342)	1996 08 20.06796	23 25 13.05	-06 45 03.1		046
1996 QB ₁	1996 08 21.01215	21 48 53.11	-12 41 35.7		046	(3342)	1996 08 20.07194	23 25 12.91	-06 45 04.5		046
1996 QB ₁	1996 08 21.01464	21 48 52.98	-12 41 36.3		046	(3342)	1996 08 21.09531	23 24 38.37	-06 50 48.1	17.4 V	046
1996 QB ₁	1996 08 22.94986	21 47 24.37	-12 50 17.2	17.3 V	046	(3342)	1996 08 21.09941	23 24 38.23	-06 50 49.6		046
1996 QB ₁	1996 08 22.95171	21 47 24.28	-12 50 17.6		046	(3342)	1996 08 21.10189	23 24 38.14	-06 50 50.3		046
1996 QB ₁	1996 08 22.95355	21 47 24.19	-12 50 18.1		046	(3908)	1996 08 01.93343	21 20 43.44	-08 41 45.3		046
1996 QB ₁	1996 08 22.95728	21 47 24.02	-12 50 19.2		046	(3908)	1996 08 01.93764	21 20 43.30	-08 41 43.3		046
1996 QB ₁	1996 08 22.95919	21 47 23.94	-12 50 19.8		046	(3908)	1996 08 01.94009	21 20 43.20	-08 41 42.2		046
1996 QC ₁	* 1996 08 21.05562	23 06 54.10	-16 33 15.3	18.9 V	046	(3908)	1996 08 06.95889	21 17 51.30	-08 02 28.3	16.8 V	046
1996 QC ₁	1996 08 21.05755	23 06 54.01	-16 33 16.4		046	(3908)	1996 08 06.96256	21 17 51.12	-08 02 26.5		046
1996 QC ₁	1996 08 21.05947	23 06 53.88	-16 33 16.5		046	(3908)	1996 08 06.96635	21 17 50.94	-08 02 24.7		046
1996 QC ₁	1996 08 21.07392	23 06 53.06	-16 33 22.3	18.9 V	046	(4018)	1996 07 23.06846	00 44 05.36	+09 28 33.8	17.9 V	046

(4018)	1996 07 23.07225	00 44 05.48	+09 28 35.2		046	1981 RJ ₅	1992 09 04.90126	22 08 49.50	-13 01 09.8		095
(4018)	1996 07 23.07641	00 44 05.68	+09 28 36.6		046	1981 TJ ₃	1992 08 31.87502	23 18 54.10	-08 19 49.3		095
(4018)	1996 08 06.97524	00 52 18.79	+10 44 49.3	17.5 V	046	1981 TJ ₃	1992 08 31.88909	23 18 53.57	-08 19 55.1		095
(4018)	1996 08 06.97929	00 52 18.90	+10 44 50.1		046	1983 RY ₄	1992 08 28.87162	22 00 51.48	+04 33 16.2	15.0	095
(4018)	1996 08 06.98506	00 52 19.00	+10 44 51.7		046	1983 RY ₄	1992 08 28.88542	22 00 50.97	+04 33 13.9	15.0	095
(4179)	1996 08 18.87208	19 56 43.17	-20 57 06.7	15.9 V	046	1983 XH ₁	1992 08 31.96874	00 37 51.51	+03 09 01.4		095
(4179)	1996 08 18.87404	19 56 42.92	-20 57 07.7		046	1983 XH ₁	1992 08 31.98262	00 37 51.28	+03 08 56.2		095
(4179)	1996 08 18.87591	19 56 42.68	-20 57 08.3		046	1986 PK ₆	1992 03 26.85223	10 35 11.01	+00 36 10.4		095
(4424)	1996 08 18.89690	20 57 06.69	-16 28 21.3	16.5 V	046	1988 VH ₁	1992 10 20.87910	01 12 51.59	+13 31 43.6		095
(4424)	1996 08 18.90192	20 57 06.45	-16 28 23.5		046	1988 XG ₂	1992 09 28.87701	00 20 47.80	+14 29 56.7		095
(4424)	1996 08 18.90588	20 57 06.28	-16 28 25.5		046	1988 XG ₂	1992 09 28.88397	00 20 47.43	+14 29 51.1		095
(5410)	1996 08 20.04671	23 25 41.71	-05 57 47.4	19.1 V	046	1989 SF	1992 08 31.87502	23 04 03.95	-03 46 05.1		095
(5410)	1996 08 20.05058	23 25 41.58	-05 57 48.4		046	1989 SF	1992 08 31.88909	23 04 03.17	-03 46 08.9		095
(5410)	1996 08 20.05360	23 25 41.43	-05 57 49.3		046	1990 BF	1992 10 20.87910	01 05 57.60	+14 12 48.6		095
(5410)	1996 08 23.00128	23 23 52.95	-06 12 34.2	18.7 V	046	1992 EX ₈	1992 04 01.80142	10 31 40.00	+19 32 25.0		095
(5410)	1996 08 23.00505	23 23 52.82	-06 12 35.9		046	1992 JR	1992 05 02.00080	16 03 23.19	-03 24 09.7		095
(5410)	1996 08 23.00771	23 23 52.69	-06 12 35.9		046	1992 JR	1992 05 03.93551	16 02 08.29	-03 21 50.4		095
(6500)	1996 07 31.06830	01 26 44.54	+15 06 06.0		046	1992 JQ ₃	1992 05 03.86815	13 55 17.05	-16 07 46.9		095
(6500)	1996 07 31.07053	01 26 44.67	+15 06 05.5		046	1992 JO ₄	* 1992 05 01.85427	13 01 21.11	-09 35 19.4	16.0	095
(6500)	1996 07 31.07297	01 26 44.85	+15 06 05.1		046	1992 JO ₄	1992 05 05.83691	12 58 20.02	-09 05 38.8	16.3	M 095
(6500)	1996 07 31.07895	01 26 45.26	+15 06 04.1		046	1992 JP ₄	* 1992 05 01.92789	15 03 21.45	-05 39 09.8	16.3	095
(6500)	1996 08 07.03306	01 34 41.36	+14 38 29.2	16.4 V	046	1992 JP ₄	1992 05 05.91538	14 59 20.38	-04 56 25.2	16.0	095
(6500)	1996 08 07.03640	01 34 41.58	+14 38 28.2		046	1992 JQ ₄	* 1992 05 02.00080	16 20 34.25	-05 12 52.1	16.0	095
(6500)	1996 08 07.03976	01 34 41.80	+14 38 27.3		046	1992 JQ ₄	1992 05 05.98969	16 18 23.00	-05 00 44.7	16.0	095
(6500)	1996 08 07.04313	01 34 42.02	+14 38 26.2		046	1992 JR ₄	* 1992 05 02.00080	16 22 25.98	-05 38 55.0	16.0	095
095 Crimean Astrophysical Observatory						1992 JR ₄	1992 05 05.98969	16 19 11.47	-05 28 48.8	16.3	095
G. R. Kastel', Institute for Theoretical Astronomy, Naberezhnaya Kutuzova 10, St.						1992 JS ₄	* 1992 05 02.00080	16 34 53.43	-04 09 23.1	16.3	E 095
Petersburg 191187, Russia [kastel@ita.spb.su]						1992 JS ₄	1992 05 05.98969	16 32 54.24	-04 20 39.2	16.0	095
N. S. Chernykh, Crimean Astrophysical Observatory, Nauchnyj, UA-334413						1992 JT ₄	* 1992 05 02.00080	16 36 30.88	-04 47 56.6	16.3	E 095
Crimea, Ukraine [nik@crao.crimea.ua]						1992 JT ₄	1992 05 05.98969	16 34 14.09	-04 54 37.6	16.3	M 095
Observers L. I. Chernykh, N. S. Chernykh, L. G. Karachkina, L. V. Zhuravleva						1992 JU ₄	* 1992 05 02.00080	16 37 50.61	-03 41 07.6	16.0	E 095
0.4-m <i>f</i> /4 double astrograph						1992 JU ₄	1992 05 05.98969	16 35 59.80	-04 02 21.4	16.3	095
PPM						1992 PX ₂	1992 08 26.88889	21 36 59.52	-00 54 56.7		095
1973 QR ₁	1992 05 03.86815	14 21 14.47	-12 22 04.4		095	1992 PX ₂	1992 08 26.90278	21 36 58.70	-00 54 58.5		095
1974 RY ₁	1992 08 29.87569	22 21 37.12	-07 10 34.7		095	1992 PX ₂	1992 08 28.87162	21 35 14.24	-00 59 57.3		095
1974 RY ₁	1992 08 29.88889	22 21 36.44	-07 10 40.3		095	1992 PX ₂	1992 08 28.88542	21 35 13.48	-01 00 00.6		095
1974 RY ₁	1992 08 30.88542	22 20 53.80	-07 17 39.2		095	1992 PY ₂	1992 08 26.88889	21 38 34.85	+02 50 41.6	15.5	095
1974 RY ₁	1992 08 30.89931	22 20 53.22	-07 17 47.1		095	1992 PY ₂	1992 08 26.90278	21 38 34.11	+02 50 37.8	15.5	095
1975 TQ ₃	1992 09 30.00671	02 32 31.51	+10 54 09.9		095	1992 PY ₂	1992 08 28.87162	21 36 43.22	+02 47 42.9	15.5	095
1975 TQ ₃	1992 09 30.02060	02 32 30.87	+10 54 09.4		095	1992 PY ₂	1992 08 28.88542	21 36 42.42	+02 47 41.6	15.5	095
1978 PM ₃	1992 08 29.87569	22 21 26.81	-12 18 07.5	16.0	095	1992 QL ₂	* 1992 08 26.88889	21 37 23.54	+01 30 18.7	16.0	095
1978 PM ₃	1992 08 29.88889	22 21 26.32	-12 18 15.6	16.0	095	1992 QL ₂	1992 08 26.90278	21 37 22.93	+01 30 15.9	16.0	095
1978 PM ₃	1992 09 03.83414	22 18 03.97	-13 05 59.6	16.0	095	1992 QL ₂	1992 08 28.87162	21 35 58.24	+01 20 52.6	15.5	095
1978 PM ₃	1992 09 03.84757	22 18 03.28	-13 06 08.4	16.0	095	1992 QL ₂	1992 08 28.88542	21 35 57.76	+01 20 49.4	15.5	095
1978 ST ₇	1992 09 28.96243	01 17 55.29	+16 58 40.8		095	1992 QM ₂	* 1992 08 29.87569	22 33 35.85	-10 56 04.8	16.0	095
1978 ST ₇	1992 09 28.96936	01 17 54.90	+16 58 38.7		095	1992 QM ₂	1992 08 29.88889	22 33 35.13	-10 56 13.8	16.0	095
1978 ST ₇	1992 10 28.87145	00 48 12.56	+14 56 23.3		095	1992 QM ₂	1992 09 03.83414	22 29 55.61	-11 45 06.7	15.0	095
1979 MA ₄	1992 08 30.88542	22 09 48.66	-07 22 53.5		095	1992 QM ₂	1992 09 03.84757	22 29 54.96	-11 45 15.9	15.0	095
1979 MA ₄	1992 08 30.89931	22 09 48.09	-07 22 57.5		095	1992 QN ₂	* 1992 08 29.87569	22 41 14.84	-10 24 23.1	15.5	095
1981 RG ₅	1992 09 30.00671	02 09 25.59	+13 24 17.9		095	1992 QN ₂	1992 08 29.88889	22 41 13.99	-10 24 27.8	15.5	095
1981 RG ₅	1992 09 30.02060	02 09 25.10	+13 24 18.3		095	1992 QN ₂	1992 08 30.88542	22 40 31.31	-10 29 24.3	16.0	095
1981 RJ ₅	1992 09 04.89433	22 08 49.83	-13 01 08.3		095	1992 QN ₂	1992 08 30.89931	22 40 30.78	-10 29 30.7	16.0	095

1992 QN ₂	1992 09 03.83414	22 37 42.02	-10 48 44.0	15.5	095	1992 UF ₁₀	1992 10 28.87145	00 41 12.73	+14 14 21.0	16.0	095
1992 QN ₂	1992 09 03.84757	22 37 41.31	-10 48 47.5	15.5	095	1992 UG ₁₀	* 1992 10 20.87910	00 49 56.53	+15 20 39.4	16.0	095
1992 QO ₂	* 1992 08 29.87569	22 42 28.66	-05 55 40.7	16.0	095	1992 UG ₁₀	1992 10 28.87145	00 43 18.31	+14 24 22.0	16.0	095
1992 QO ₂	1992 08 29.88889	22 42 27.82	-05 55 51.9	16.0	095	1992 UH ₁₀	* 1992 10 20.87910	00 57 47.86	+15 21 31.7	16.0	095
1992 QO ₂	1992 09 03.83414	22 39 05.15	-06 51 43.8	15.0	095	1992 UH ₁₀	1992 10 28.87145	00 51 39.14	+14 25 38.6	15.8	095
1992 QO ₂	1992 09 03.84757	22 39 04.62	-06 51 51.2	15.0	095	1992 WP ₃	1992 10 28.94575	03 55 30.90	+31 15 47.2		095
1992 QP ₂	* 1992 08 30.96944	00 00 30.56	+03 32 32.3	16.0	095	1994 AQ ₁	1992 09 03.91319	00 00 01.46	+03 49 49.9		095
1992 QP ₂	1992 08 30.98264	00 00 29.97	+03 32 30.2	16.0	095	1994 AQ ₁	1992 09 03.92708	00 00 00.96	+03 49 48.9		095
1992 QP ₂	1992 09 03.91319	23 57 51.07	+03 18 35.2	16.0	095	1996 DG ₂	1992 08 31.87502	23 09 44.75	-05 54 14.7	16.3	095
1992 QP ₂	1992 09 03.92708	23 57 50.41	+03 18 32.1	16.0	095	1996 DG ₂	1992 08 31.88909	23 09 43.76	-05 54 21.3	16.3	095
1992 RM	1992 09 03.91319	00 03 29.14	-01 17 56.0		095	(12)	1992 05 01.85427	13 06 12.43	-13 57 22.0		E 095
1992 RM	1992 09 03.92708	00 03 28.39	-01 17 56.1		095	(12)	1992 05 05.82995	13 03 20.26	-13 18 44.7		095
1992 RM	1992 09 29.82977	23 41 40.12	-02 24 14.2		095	(12)	1992 05 05.83691	13 03 19.98	-13 18 38.5		095
1992 RM	1992 09 29.84366	23 41 39.46	-02 24 18.2		095	(19)	1992 05 01.85427	13 12 28.06	-07 52 04.8		095
1992 RN	1992 08 30.96944	23 50 27.33	+02 01 40.4		095	(19)	1992 05 05.82995	13 09 39.19	-07 32 49.7		095
1992 RN	1992 08 30.98264	23 50 26.48	+02 01 41.1		095	(19)	1992 05 05.83691	13 09 38.84	-07 32 46.9		095
1992 RN	1992 09 03.91319	23 46 23.98	+02 00 12.0		095	(34)	1992 05 04.00148	17 30 12.14	-15 59 13.3		095
1992 RN	1992 09 03.92708	23 46 22.91	+02 00 13.1		095	(35)	1992 09 28.96243	01 20 09.20	+13 21 26.1		095
1992 RN	1992 09 29.82977	23 19 08.28	+01 17 29.9		095	(35)	1992 09 28.96936	01 20 08.89	+13 21 24.8		095
1992 RN	1992 09 29.84366	23 19 07.58	+01 17 24.5		095	(35)	1992 10 20.87910	01 02 59.46	+12 10 07.4		E 095
1992 RT ₇	* 1992 09 04.97973	00 41 15.94	+14 25 54.4	15.8	095	(35)	1992 10 28.87145	00 57 06.88	+11 40 59.6		095
1992 RT ₇	1992 09 28.87701	00 24 39.45	+14 11 24.1	16.0	095	(54)	1992 09 28.79161	22 11 49.72	+00 52 08.1		E 095
1992 RT ₇	1992 09 28.88397	00 24 39.10	+14 11 24.4	16.0	095	(54)	1992 09 28.79854	22 11 49.59	+00 52 07.8		095
1992 RT ₇	1992 10 20.80757	00 08 03.34	+12 49 24.9	15.8	095	(54)	1992 09 30.79162	22 10 58.30	+00 50 23.5		E 095
1992 SN	1992 09 28.96243	01 30 38.38	+19 27 44.5		095	(61)	1992 03 26.85223	10 31 36.70	+03 32 36.2		095
1992 SN	1992 09 28.96936	01 30 38.15	+19 27 44.5		095	(63)	1992 09 04.97973	00 45 31.06	+08 55 16.4		E 095
1992 SN	1992 10 20.87910	01 12 00.28	+18 19 22.6		095	(63)	1992 09 28.87701	00 23 49.22	+07 54 43.7		E 095
1992 SN	1992 10 28.87145	01 05 32.98	+17 37 46.4		E 095	(63)	1992 09 28.88397	00 23 48.76	+07 54 42.5		E 095
1992 SC ₁₃	1992 09 29.91992	01 40 50.88	+09 55 19.4		095	(63)	1992 09 30.84544	00 21 50.64	+07 46 55.4		r 095
1992 SC ₁₃	1992 09 29.93728	01 40 50.38	+09 55 18.7		095	(63)	1992 10 20.80757	00 04 17.38	+06 25 46.8		r 095
1992 SZ ₂₃	1992 09 28.87701	00 15 11.05	+11 15 18.8		095	(66)	1992 08 31.87502	23 23 57.05	-06 07 40.4		095
1992 SZ ₂₃	1992 09 28.88397	00 15 10.72	+11 15 15.0		095	(66)	1992 08 31.88909	23 23 56.44	-06 07 44.0		095
1992 SC ₂₄	1992 09 04.97973	00 24 11.08	+12 43 02.0		095	(69)	1992 08 29.87569	22 20 09.38	-03 44 12.1		095
1992 SC ₂₄	1992 09 28.87701	00 05 58.49	+10 24 08.5		095	(69)	1992 08 29.88889	22 20 08.65	-03 44 17.0		095
1992 SS ₂₆	* 1992 09 28.96243	00 59 18.55	+13 49 35.1	16.0	E 095	(69)	1992 08 30.88542	22 19 25.44	-03 50 22.6		095
1992 SS ₂₆	1992 09 28.96936	00 59 18.40	+13 49 37.8	16.0	E 095	(69)	1992 08 30.89931	22 19 24.84	-03 50 27.8		095
1992 SS ₂₆	1992 10 20.87910	00 40 13.78	+13 11 34.4	16.0	E 095	(75)	1992 05 01.85427	13 01 36.71	-10 02 36.9		095
1992 SS ₂₆	1992 10 28.87145	00 34 20.61	+12 52 56.1	16.0	095	(75)	1992 05 05.82995	12 58 39.48	-09 47 09.3		095
1992 ST ₂₆	* 1992 09 28.96243	01 15 55.00	+17 00 23.8	16.0	095	(75)	1992 05 05.83691	12 58 39.21	-09 47 07.0		095
1992 ST ₂₆	1992 09 28.96936	01 15 54.67	+17 00 22.3	16.0	095	(78)	1992 09 04.89433	21 55 30.68	-13 08 10.1		095
1992 ST ₂₆	1992 10 20.87910	00 57 51.91	+15 08 52.9	15.5	095	(78)	1992 09 04.90126	21 55 30.30	-13 08 11.7		095
1992 ST ₂₆	1992 10 28.87145	00 51 57.88	+14 18 55.2	15.8	095	(102)	1992 03 26.85223	10 45 50.14	+02 39 54.5		095
1992 SU ₂₆	* 1992 09 28.96243	01 21 37.72	+18 09 06.1	16.3	095	(108)	1992 09 04.89433	21 50 11.76	-15 23 13.8		095
1992 SU ₂₆	1992 10 20.87910	01 02 28.12	+15 44 33.6	16.0	095	(108)	1992 09 04.90126	21 50 11.46	-15 23 14.7		095
1992 SU ₂₆	1992 10 28.87145	00 56 57.10	+14 41 33.9	16.3	095	(110)	1992 05 03.80218	12 02 33.49	+06 01 18.8		095
1992 UW	1992 09 30.00671	02 29 09.46	+16 49 42.0		095	(124)	1992 09 30.00671	02 29 28.75	+13 11 04.2		095
1992 UW	1992 09 30.02060	02 29 09.06	+16 49 40.7		095	(124)	1992 09 30.02060	02 29 28.32	+13 10 58.6		095
1992 UX ₄	1992 10 28.94575	03 59 55.20	+26 38 06.4		095	(129)	1992 10 20.95062	02 50 04.32	-01 21 02.8		r 095
1992 UU ₅	1992 11 03.95632	03 22 16.96	+15 23 51.4		095	(133)	1992 10 28.94575	03 42 11.72	+29 46 41.7		095
1992 UG ₆	1992 11 03.95632	03 22 23.31	+16 40 35.2		095	(134)	1992 08 29.96875	23 56 16.40	+01 04 43.0		095
1992 UP ₆	1992 11 03.95632	03 07 47.26	+14 48 11.5		095	(134)	1992 08 29.97917	23 56 15.86	+01 04 43.4		095
1992 UF ₁₀	* 1992 10 20.87910	00 47 01.81	+15 19 34.7	16.0	095	(134)	1992 08 30.96944	23 55 26.24	+01 05 05.5		095

(134)	1992 08 30.98264	23 55 25.56	+01 05 07.1	095	(263)	1992 05 03.86815	13 56 29.00	-11 58 08.1	E 095
(134)	1992 09 03.91319	23 51 57.56	+01 05 38.0	095	(264)	1992 04 29.82817	14 24 56.41	-11 05 31.2	E 095
(134)	1992 09 03.92708	23 51 56.83	+01 05 37.4	095	(264)	1992 04 29.84484	14 24 55.46	-11 05 28.8	E 095
(134)	1992 09 29.82977	23 25 58.58	+00 45 07.8	095	(264)	1992 05 03.86815	14 21 20.16	-10 58 29.5	E 095
(134)	1992 09 29.84366	23 25 57.85	+00 45 06.8	095	(268)	1992 08 26.97222	00 22 48.93	-00 28 58.5	095
(136)	1992 05 05.98969	16 37 03.70	-08 43 10.1	095	(268)	1992 08 26.98611	00 22 48.37	-00 29 01.4	095
(138)	1992 04 01.78858	10 31 06.93	+13 56 50.8	095	(268)	1992 08 28.96181	00 21 48.86	-00 37 02.0	095
(138)	1992 04 01.80142	10 31 06.42	+13 56 53.6	095	(268)	1992 08 28.97917	00 21 48.34	-00 37 05.8	095
(147)	1992 09 04.89433	21 43 26.93	-10 42 13.2	r 095	(268)	1992 08 31.96874	00 20 11.69	-00 49 44.8	095
(152)	1992 10 28.94575	03 51 46.30	+24 05 01.6	095	(268)	1992 08 31.98262	00 20 11.27	-00 49 50.3	095
(159)	1992 04 01.78858	10 35 31.66	+14 00 09.6	E 095	(290)	1992 09 28.96243	01 21 17.45	+12 36 47.8	E 095
(159)	1992 04 01.80142	10 35 31.34	+14 00 11.0	E 095	(290)	1992 09 28.96936	01 21 17.01	+12 36 47.8	E 095
(167)	1992 08 26.97222	00 16 42.43	+01 21 23.9	095	(290)	1992 10 20.87910	00 49 39.67	+14 10 58.6	095
(167)	1992 08 26.98611	00 16 41.86	+01 21 20.4	095	(290)	1992 10 28.87145	00 38 23.67	+14 35 22.0	095
(167)	1992 08 28.96181	00 15 40.28	+01 12 54.6	095	(297)	1992 09 04.97973	00 29 04.18	+09 02 08.9	E 095
(167)	1992 08 28.97917	00 15 39.73	+01 12 50.9	095	(297)	1992 09 28.87701	00 10 50.92	+08 19 47.7	E 095
(167)	1992 08 29.96875	00 15 07.36	+01 08 25.5	095	(297)	1992 09 28.88397	00 10 50.62	+08 19 45.7	E 095
(167)	1992 08 29.97917	00 15 06.97	+01 08 22.0	095	(297)	1992 09 30.84544	00 09 15.18	+08 13 58.3	E 095
(167)	1992 08 30.96944	00 14 33.33	+01 03 51.6	095	(297)	1992 10 20.80757	23 55 18.94	+07 11 50.8	E 095
(167)	1992 08 30.98264	00 14 32.97	+01 03 47.3	095	(298)	1992 08 31.87502	23 10 30.04	-10 25 36.3	095
(167)	1992 08 31.96874	00 13 58.38	+00 59 13.3	095	(298)	1992 08 31.88909	23 10 29.16	-10 25 40.6	E 095
(167)	1992 08 31.98262	00 13 57.82	+00 59 09.8	095	(305)	1992 08 29.96875	23 57 09.17	+03 44 04.1	095
(177)	1992 08 31.87502	23 22 36.51	-04 11 09.9	095	(305)	1992 08 29.97917	23 57 08.80	+03 44 01.0	095
(177)	1992 08 31.88909	23 22 35.83	-04 11 13.7	095	(305)	1992 08 30.96944	23 56 34.12	+03 39 55.5	095
(179)	1992 03 26.85223	10 23 55.64	-01 31 54.0	E 095	(305)	1992 08 30.98264	23 56 33.71	+03 39 52.3	095
(184)	1992 05 01.85427	13 08 19.28	-08 44 42.5	095	(305)	1992 09 03.91319	23 54 08.77	+03 22 30.2	095
(184)	1992 05 05.82995	13 06 05.40	-08 30 58.3	095	(305)	1992 09 03.92708	23 54 08.27	+03 22 26.8	095
(184)	1992 05 05.83691	13 06 05.18	-08 30 56.2	095	(305)	1992 09 29.82977	23 35 52.32	+00 59 34.4	095
(196)	1992 11 04.02090	05 31 09.48	+23 03 18.0	095	(305)	1992 09 29.84366	23 35 51.74	+00 59 29.1	095
(196)	1992 11 04.03477	05 31 09.49	+23 03 18.0	095	(308)	1992 05 04.00148	17 40 31.14	-17 26 42.3	095
(199)	1992 05 04.00148	18 05 04.02	-17 56 00.0	E 095	(312)	1992 05 03.86815	13 53 49.75	-20 02 29.6	E 095
(202)	1992 08 31.88909	23 29 30.82	-09 55 15.3	E 095	(313)	1992 03 26.85223	10 58 09.38	+05 36 12.6	E 095
(203)	1992 08 31.87502	23 26 10.90	-03 51 04.9	095	(325)	1992 08 31.87502	23 03 01.04	-06 51 42.1	095
(203)	1992 08 31.88909	23 26 10.26	-03 51 08.1	095	(325)	1992 08 31.88909	23 03 00.31	-06 51 44.6	095
(206)	1992 09 04.89433	22 03 13.24	-12 49 22.9	095	(331)	1992 04 29.82817	14 05 27.39	-14 56 08.6	095
(206)	1992 09 04.90126	22 03 12.91	-12 49 24.1	095	(331)	1992 04 29.84484	14 05 26.77	-14 56 06.6	095
(214)	1992 10 28.94575	03 51 50.20	+25 19 32.6	095	(331)	1992 05 03.86815	14 02 11.05	-14 44 39.8	095
(218)	1992 05 03.80218	11 49 28.60	+10 11 00.0	E 095	(333)	1992 10 28.94575	03 58 31.72	+25 33 55.9	095
(219)	1992 09 29.91992	02 03 29.91	+13 03 46.3	095	(341)	1992 04 01.78858	10 12 38.72	+17 21 16.3	E 095
(219)	1992 09 29.93728	02 03 29.54	+13 03 34.9	095	(341)	1992 04 01.80142	10 12 38.29	+17 21 11.7	E 095
(219)	1992 09 30.00671	02 03 27.10	+13 02 40.0	095	(355)	1992 09 04.89433	21 46 56.11	-16 01 11.4	E 095
(219)	1992 09 30.02060	02 03 26.70	+13 02 27.0	095	(355)	1992 09 04.90126	21 46 55.90	-16 01 09.9	E 095
(221)	1992 04 01.78858	10 31 45.66	+15 18 59.7	E 095	(356)	1992 08 26.97222	00 36 33.53	+04 04 24.8	095
(221)	1992 04 01.80142	10 31 45.25	+15 19 01.3	E 095	(356)	1992 08 26.98611	00 36 33.12	+04 04 25.3	095
(238)	1992 05 02.00080	16 28 08.42	-07 08 05.6	095	(356)	1992 08 28.96181	00 35 39.04	+04 06 24.2	095
(238)	1992 05 05.98969	16 25 38.96	-06 45 45.1	095	(356)	1992 08 28.97917	00 35 38.43	+04 06 26.1	095
(251)	1992 05 01.92789	15 15 19.27	-03 29 31.0	095	(356)	1992 08 31.96874	00 34 04.93	+04 08 28.8	095
(251)	1992 05 05.91538	15 12 23.45	-03 12 22.0	095	(356)	1992 08 31.98262	00 34 04.41	+04 08 29.3	095
(253)	1992 05 04.00148	17 55 00.74	-13 46 21.4	095	(358)	1992 05 04.00148	17 45 56.96	-18 44 45.2	E 095
(258)	1992 05 05.98969	16 08 11.50	-10 16 21.6	r 095	(361)	1992 09 29.91992	01 55 36.20	+13 37 34.6	095
(263)	1992 04 29.82817	13 59 36.58	-12 16 36.7	E 095	(361)	1992 09 29.93728	01 55 35.77	+13 37 34.0	095
(263)	1992 04 29.84484	13 59 35.90	-12 16 36.9	E 095	(373)	1992 09 29.82977	23 44 18.46	-03 59 20.8	095

(373)	1992 09 29.84366	23 44 17.64	-03 59 22.1	095	(561)	1992 09 03.91319	23 43 46.51	-02 11 28.9	095
(379)	1992 09 29.91992	01 35 54.32	+08 43 51.9	095	(561)	1992 09 03.92708	23 43 45.95	-02 11 31.6	095
(379)	1992 09 29.93728	01 35 53.78	+08 43 47.8	095	(561)	1992 09 29.82977	23 25 42.40	-04 17 49.1	095
(385)	1992 09 03.91319	23 39 23.64	-00 07 28.6	095	(561)	1992 09 29.84366	23 25 42.06	-04 17 56.4	095
(385)	1992 09 03.92708	23 39 22.86	-00 07 29.3	095	(569)	1992 09 29.91992	01 37 00.33	+12 21 31.9	095
(385)	1992 09 29.82977	23 17 04.17	-01 01 15.5	095	(569)	1992 09 29.93728	01 36 59.73	+12 21 27.9	095
(385)	1992 09 29.84366	23 17 03.43	-01 01 17.1	095	(570)	1992 05 01.85427	13 08 39.08	-08 10 46.8	095
(396)	1992 04 29.82817	14 15 12.58	-16 00 32.3	095	(570)	1992 05 05.82995	13 06 31.29	-07 56 04.1	095
(396)	1992 04 29.84484	14 15 11.66	-16 00 26.3	095	(570)	1992 05 05.83691	13 06 30.98	-07 56 02.2	095
(396)	1992 05 03.86815	14 11 47.93	-15 38 36.3	095	(595)	1992 04 29.82817	13 47 35.76	-15 32 20.9	095
(405)	1992 10 28.94575	04 04 02.51	+26 45 43.6	095	(595)	1992 04 29.84484	13 47 34.83	-15 32 21.9	E 095
(418)	1992 09 28.79161	22 08 22.28	+00 26 29.4	r 095	(595)	1992 05 03.86815	13 44 01.91	-15 31 40.2	E 095
(418)	1992 09 28.79854	22 08 22.23	+00 26 24.6	r 095	(619)	1992 03 26.85223	10 25 09.24	+02 08 05.4	095
(418)	1992 09 30.79162	22 07 40.77	+00 14 52.4	r 095	(622)	1992 08 29.87569	22 32 25.93	-13 26 51.1	095
(419)	1992 07 31.95139	22 30 00.68	-01 44 28.9	095	(622)	1992 08 29.88889	22 32 25.15	-13 26 58.7	095
(419)	1992 07 31.96528	22 30 00.17	-01 44 30.3	095	(622)	1992 09 03.83414	22 28 29.35	-14 22 43.3	095
(429)	1992 05 01.85427	12 56 45.64	-10 02 19.8	095	(622)	1992 09 03.84757	22 28 28.66	-14 22 53.5	095
(429)	1992 05 05.82995	12 54 29.69	-09 34 16.7	095	(627)	1992 05 01.92789	15 03 20.30	-07 06 21.0	E 095
(429)	1992 05 05.83691	12 54 29.58	-09 34 13.7	095	(627)	1992 05 05.91538	15 00 08.70	-06 50 10.4	E 095
(439)	1992 09 04.97973	00 18 34.92	+13 14 38.1	E 095	(634)	1992 05 03.93551	15 32 45.78	-01 09 28.8	E 095
(439)	1992 09 28.87701	00 03 48.15	+09 48 36.0	095	(642)	1992 09 03.91319	23 59 04.59	-03 07 21.1	095
(439)	1992 09 28.88397	00 03 47.91	+09 48 30.3	095	(642)	1992 09 03.92708	23 59 04.03	-03 07 23.2	095
(439)	1992 09 30.84544	00 02 31.42	+09 28 39.9	E 095	(648)	1992 09 04.97973	00 21 03.46	+16 30 28.4	095
(444)	1992 05 04.00148	17 33 56.90	-11 17 35.7	095	(648)	1992 09 28.87701	00 03 32.66	+15 35 22.3	095
(475)	1992 05 03.80218	12 19 05.37	+08 25 23.6	15.8 E 095	(648)	1992 09 28.88397	00 03 32.46	+15 35 20.0	095
(495)	1992 08 26.97222	00 41 39.09	+05 17 22.6	095	(648)	1992 09 30.84544	00 01 59.88	+15 27 05.6	E 095
(495)	1992 08 26.98611	00 41 38.84	+05 17 19.1	095	(648)	1992 10 20.80757	23 48 05.16	+13 45 59.6	095
(495)	1992 08 28.96181	00 41 05.79	+05 11 40.6	095	(659)	1992 05 01.85427	13 07 29.35	-10 20 01.4	095
(495)	1992 08 28.97917	00 41 05.34	+05 11 37.2	095	(678)	1992 03 26.85223	10 56 54.32	-02 38 39.3	r 095
(495)	1992 08 31.96874	00 40 02.89	+05 01 34.5	095	(685)	1992 05 01.85427	12 57 39.84	-09 20 18.2	095
(495)	1992 08 31.98262	00 40 02.57	+05 01 30.5	095	(685)	1992 05 05.82995	12 54 46.19	-08 53 01.0	095
(497)	1992 04 29.82817	14 23 44.50	-18 10 01.4	E 095	(685)	1992 05 05.83691	12 54 45.85	-08 53 04.1	095
(497)	1992 04 29.84484	14 23 43.32	-18 10 02.3	E 095	(688)	1992 05 03.80218	12 15 42.86	+04 53 59.0	095
(497)	1992 05 03.86815	14 20 16.82	-17 56 23.2	E 095	(703)	1992 03 26.85223	10 43 41.32	+05 05 53.0	095
(510)	1992 08 26.88889	22 00 18.40	+02 11 11.3	095	(707)	1992 03 26.85223	10 35 39.34	+01 51 36.6	095
(510)	1992 08 26.90278	22 00 17.67	+02 11 03.9	095	(713)	1992 03 26.85223	10 30 41.66	-01 55 57.5	095
(510)	1992 08 28.87162	21 58 53.23	+01 53 10.0	095	(716)	1992 10 20.95062	02 16 25.65	+01 38 13.2	E 095
(510)	1992 08 28.88542	21 58 52.67	+01 53 00.9	095	(718)	1992 11 03.95632	03 20 51.65	+20 21 29.8	095
(517)	1992 08 29.87569	22 34 38.07	-04 13 15.0	095	(742)	1992 03 26.92515	11 54 31.42	+16 34 40.2	095
(517)	1992 08 29.88889	22 34 37.42	-04 13 18.8	095	(746)	1992 09 30.84544	00 36 49.50	+08 29 44.8	r 095
(517)	1992 08 30.88542	22 33 51.33	-04 17 14.5	095	(746)	1992 10 20.80757	00 17 40.09	+08 43 32.6	E 095
(517)	1992 08 30.89931	22 33 50.63	-04 17 17.2	095	(748)	1992 04 29.82817	13 54 45.42	-14 14 44.3	095
(518)	1992 11 03.95632	03 35 54.78	+14 19 53.5	095	(748)	1992 04 29.84484	13 54 44.80	-14 14 42.6	095
(525)	1992 09 29.91992	01 34 32.77	+11 04 34.0	095	(748)	1992 05 03.86815	13 52 21.21	-14 00 17.9	095
(525)	1992 09 29.93728	01 34 32.06	+11 04 27.4	095	(760)	1992 09 04.97973	00 28 15.34	+12 33 14.4	095
(533)	1992 05 04.00148	17 50 44.43	-14 43 37.0	095	(760)	1992 09 28.87701	00 11 03.39	+11 45 22.6	095
(542)	1992 05 03.93551	15 54 52.85	-02 45 56.9	095	(760)	1992 09 28.88397	00 11 03.05	+11 45 21.5	095
(544)	1992 10 28.94575	03 40 39.86	+31 23 12.4	095	(760)	1992 09 30.84544	00 09 33.42	+11 39 14.1	095
(546)	1992 09 29.91992	01 39 45.99	+09 05 03.6	095	(760)	1992 10 20.80757	23 55 39.18	+10 29 08.4	095
(546)	1992 09 29.93728	01 39 45.20	+09 05 03.9	095	(764)	1992 07 31.95139	21 59 58.79	+01 48 12.4	095
(556)	1992 07 31.95139	22 14 44.18	-05 28 20.8	095	(764)	1992 07 31.96528	21 59 58.22	+01 48 12.7	095
(556)	1992 07 31.96528	22 14 43.59	-05 28 20.8	095	(764)	1992 08 26.88889	21 41 04.08	+00 55 25.9	095

(764)	1992 08 26.90278	21 41 03.45	+00 55 22.7	095	(848)	1992 09 29.93728	01 56 30.52	+12 05 26.6	095
(764)	1992 08 28.87162	21 39 37.06	+00 48 18.3	095	(852)	1992 03 26.92515	12 12 32.81	+17 58 33.5	095
(764)	1992 08 28.88542	21 39 36.49	+00 48 15.8	095	(855)	1992 04 01.78858	10 34 54.91	+17 54 28.5	095
(774)	1992 08 30.96944	00 14 39.49	+10 10 14.5	095	(855)	1992 04 01.80142	10 34 54.30	+17 54 24.2	095
(774)	1992 08 30.98264	00 14 39.02	+10 10 11.5	095	(878)	1992 08 31.87502	22 52 33.52	-06 05 28.7	095
(794)	1992 09 03.83414	22 45 12.03	-07 54 42.6	095	(878)	1992 08 31.88909	22 52 33.09	-06 05 38.9	E 095
(794)	1992 09 03.84757	22 45 11.52	-07 54 47.6	095	(882)	1992 03 26.85223	10 28 51.62	+00 52 38.8	095
(795)	1992 09 30.00671	02 22 56.69	+20 21 41.3	095	(906)	1992 11 03.95632	03 24 43.32	+21 44 23.3	095
(795)	1992 09 30.02060	02 22 55.96	+20 21 43.8	095	(929)	1992 11 04.03477	05 02 04.27	+21 31 31.8	E 095
(798)	1992 09 30.00671	02 17 59.04	+15 27 14.4	095	(953)	1992 09 29.91992	01 58 49.73	+08 24 04.4	095
(798)	1992 09 30.02060	02 17 58.68	+15 27 08.7	095	(953)	1992 09 29.93728	01 58 49.10	+08 24 04.1	095
(805)	1992 10 20.95062	02 22 14.42	-03 03 04.8	095	(954)	1992 05 01.85427	12 55 28.87	-04 49 18.8	r 095
(808)	1992 08 26.97222	00 41 47.13	+04 53 06.8	095	(968)	1992 05 04.00148	17 57 26.96	-12 03 06.2	095
(808)	1992 08 26.98611	00 41 46.80	+04 53 03.2	095	(971)	1992 05 01.92789	15 17 10.63	-04 39 23.5	095
(808)	1992 08 28.96181	00 41 04.05	+04 45 21.1	095	(971)	1992 05 05.91538	15 13 24.50	-04 35 42.1	095
(808)	1992 08 28.97917	00 41 03.58	+04 45 16.2	095	(981)	1992 05 03.86815	14 14 28.16	-13 03 39.1	095
(808)	1992 08 31.96874	00 39 49.21	+04 32 24.4	095	(987)	1992 03 26.85223	10 53 23.71	+01 25 43.4	095
(808)	1992 08 31.98262	00 39 48.82	+04 32 20.9	095	(1016)	1992 10 28.94575	04 02 55.22	+28 30 25.1	095
(814)	1992 05 05.98969	16 36 27.08	-08 38 02.0	095	(1021)	1992 03 26.92515	11 52 03.10	+22 13 23.8	095
(819)	1992 08 26.97222	00 35 55.66	+07 10 28.6	095	(1028)	1992 11 03.95632	03 29 44.96	+15 17 44.3	095
(819)	1992 08 26.98611	00 35 55.14	+07 10 28.5	095	(1043)	1992 08 26.97222	00 24 02.29	-01 06 48.5	095
(819)	1992 08 28.96181	00 34 44.19	+07 10 59.7	095	(1043)	1992 08 26.98611	00 24 01.82	-01 06 52.8	095
(819)	1992 08 28.97917	00 34 43.34	+07 10 59.9	095	(1043)	1992 08 28.96181	00 23 11.44	-01 19 15.4	095
(819)	1992 08 31.96874	00 32 42.20	+07 10 12.8	095	(1043)	1992 08 28.97917	00 23 10.93	-01 19 23.6	095
(819)	1992 08 31.98262	00 32 41.52	+07 10 12.3	E 095	(1043)	1992 08 31.96874	00 21 46.84	-01 38 54.3	095
(822)	1992 08 26.97222	00 20 24.02	+03 00 20.3	095	(1043)	1992 08 31.98262	00 21 46.50	-01 39 00.1	E 095
(822)	1992 08 26.98611	00 20 23.64	+03 00 16.5	095	(1062)	1992 09 04.89433	21 53 57.81	-14 25 08.1	095
(822)	1992 08 28.96181	00 19 19.58	+02 53 13.8	095	(1062)	1992 09 04.90126	21 53 57.37	-14 25 08.7	095
(822)	1992 08 28.97917	00 19 19.04	+02 53 11.2	095	(1063)	1992 11 04.03477	05 12 30.03	+18 03 57.2	095
(822)	1992 08 29.96875	00 18 44.71	+02 49 20.2	095	(1066)	1992 05 01.85427	13 04 09.85	-12 05 04.7	095
(822)	1992 08 29.97917	00 18 44.41	+02 49 18.3	095	(1066)	1992 05 05.82995	13 01 06.04	-11 47 19.9	095
(822)	1992 08 30.96944	00 18 08.25	+02 45 18.9	095	(1066)	1992 05 05.83691	13 01 05.86	-11 47 21.5	095
(822)	1992 08 30.98264	00 18 07.79	+02 45 16.1	095	(1076)	1992 09 03.91319	23 49 57.53	-03 45 45.0	095
(822)	1992 08 31.96874	00 17 30.28	+02 41 11.3	095	(1076)	1992 09 03.92708	23 49 56.99	-03 45 50.8	095
(822)	1992 08 31.98262	00 17 29.61	+02 41 07.4	095	(1076)	1992 09 29.82977	23 28 13.85	-06 42 39.2	095
(823)	1992 03 26.85223	10 32 52.32	+02 07 09.2	095	(1076)	1992 09 29.84366	23 28 12.98	-06 42 41.8	095
(824)	1992 08 29.87569	22 42 05.82	-12 05 59.2	095	(1081)	1992 09 03.83414	22 34 29.27	-14 44 27.2	095
(824)	1992 08 29.88889	22 42 05.11	-12 06 04.7	095	(1081)	1992 09 03.84757	22 34 28.65	-14 44 32.2	095
(824)	1992 08 30.88542	22 41 19.91	-12 14 09.1	095	(1100)	1992 08 26.97222	00 17 49.78	+03 13 11.6	095
(824)	1992 08 30.89931	22 41 19.32	-12 14 15.0	095	(1100)	1992 08 26.98611	00 17 49.32	+03 13 08.5	095
(824)	1992 09 03.83414	22 38 21.51	-12 45 18.4	095	(1100)	1992 08 28.96181	00 16 47.55	+03 07 31.8	095
(824)	1992 09 03.84757	22 38 20.89	-12 45 25.4	095	(1100)	1992 08 28.97917	00 16 46.98	+03 07 29.0	095
(832)	1992 05 03.86815	13 45 59.78	-11 59 14.5	E 095	(1100)	1992 08 29.96875	00 16 14.43	+03 04 26.1	095
(839)	1992 08 26.97222	00 14 53.55	+07 17 44.9	095	(1100)	1992 08 29.97917	00 16 14.12	+03 04 24.2	095
(839)	1992 08 26.98611	00 14 52.90	+07 17 50.6	095	(1100)	1992 08 30.96944	00 15 40.27	+03 01 16.0	095
(839)	1992 08 28.97917	00 13 24.36	+07 25 14.9	095	(1100)	1992 08 30.98264	00 15 39.88	+03 01 13.1	095
(839)	1992 08 29.96875	00 12 38.13	+07 28 40.6	095	(1100)	1992 08 31.96874	00 15 05.04	+02 58 02.1	095
(839)	1992 08 29.97917	00 12 37.55	+07 28 42.3	095	(1100)	1992 08 31.98262	00 15 04.46	+02 57 59.8	095
(839)	1992 08 30.96944	00 11 49.93	+07 31 59.4	095	(1101)	1992 10 20.80757	23 41 03.36	+06 44 31.8	r 095
(839)	1992 08 30.98264	00 11 49.27	+07 32 02.6	095	(1102)	1992 09 28.96243	01 29 35.87	+17 17 01.9	095
(847)	1992 03 26.85223	10 49 35.00	+03 36 41.0	095	(1102)	1992 09 28.96936	01 29 35.69	+17 16 59.4	095
(848)	1992 09 29.91992	01 56 31.10	+12 05 31.2	095	(1102)	1992 10 20.87910	01 14 34.22	+13 49 37.4	E 095

(1102)	1992 10 28.87145	01 09 26.81	+12 28 22.4	r 095	(1288)	1992 09 28.88397	00 01 23.94	+12 07 36.1	E 095
(1107)	1992 05 05.91538	15 06 43.00	-07 58 50.8	E 095	(1288)	1992 09 30.84544	23 59 47.38	+11 58 57.2	E 095
(1128)	1992 11 04.02090	05 04 05.00	+22 58 33.7	095	(1288)	1992 10 20.80757	23 46 00.12	+10 20 25.2	095
(1128)	1992 11 04.03477	05 04 04.61	+22 58 34.8	095	(1305)	1992 09 29.91992	02 04 02.88	+10 25 55.1	095
(1129)	1992 07 31.95139	22 12 05.03	+00 10 50.7	095	(1305)	1992 09 29.93728	02 04 02.28	+10 25 52.2	095
(1129)	1992 07 31.96528	22 12 04.54	+00 10 50.8	095	(1314)	1992 07 31.95139	22 21 00.70	-01 46 06.0	095
(1129)	1992 08 26.88889	21 52 35.52	-00 36 28.5	095	(1314)	1992 07 31.96528	22 21 00.17	-01 46 05.2	095
(1129)	1992 08 26.90278	21 52 34.96	-00 36 31.2	095	(1314)	1992 08 26.88889	21 58 09.29	-02 40 13.5	095
(1129)	1992 08 28.87162	21 51 02.64	-00 43 07.1	095	(1314)	1992 08 26.90278	21 58 08.56	-02 40 18.2	095
(1129)	1992 08 28.88542	21 51 01.97	-00 43 08.4	095	(1314)	1992 08 28.87162	21 56 12.30	-02 48 31.1	095
(1156)	1992 05 01.85427	13 18 14.84	-05 57 52.3	r 095	(1314)	1992 08 28.88542	21 56 11.63	-02 48 36.1	095
(1156)	1992 05 05.82995	13 15 14.36	-05 43 11.7	E 095	(1319)	1992 07 31.95139	22 26 03.83	-05 46 26.8	095
(1156)	1992 05 05.83691	13 15 14.21	-05 43 06.8	E 095	(1319)	1992 07 31.96528	22 26 03.25	-05 46 28.2	095
(1157)	1992 08 29.96875	00 03 37.41	+05 06 16.6	095	(1319)	1992 09 04.89433	22 00 07.10	-08 02 29.4	r 095
(1157)	1992 08 29.97917	00 03 37.02	+05 06 16.1	095	(1319)	1992 09 04.90126	22 00 06.72	-08 02 33.3	r 095
(1157)	1992 08 30.96944	00 02 56.53	+05 05 40.7	095	(1350)	1992 09 30.00671	02 33 27.44	+10 41 30.6	095
(1157)	1992 08 30.98264	00 02 56.05	+05 05 40.5	095	(1350)	1992 09 30.02060	02 33 27.30	+10 41 25.8	095
(1157)	1992 09 03.91319	00 00 07.80	+05 02 17.4	095	(1387)	1992 05 01.85427	13 15 34.39	-07 00 17.3	095
(1157)	1992 09 03.92708	00 00 07.16	+05 02 16.6	095	(1398)	1992 09 28.79161	22 03 17.04	+01 42 50.2	095
(1169)	1992 03 26.85223	10 41 17.40	+01 00 56.1	095	(1398)	1992 09 28.79854	22 03 16.92	+01 42 49.4	095
(1194)	1992 09 28.79161	22 31 10.45	+04 42 01.6	095	(1398)	1992 09 30.79162	22 02 26.94	+01 37 25.8	095
(1194)	1992 09 28.79854	22 31 10.21	+04 41 58.2	095	(1424)	1992 10 28.94575	04 09 39.15	+23 54 44.2	E 095
(1194)	1992 09 30.79162	22 30 02.15	+04 33 19.4	095	(1428)	1992 03 26.92515	11 47 20.56	+24 08 18.8	E 095
(1209)	1992 11 04.02090	05 14 34.01	+19 49 38.6	095	(1467)	1992 03 26.85223	10 20 57.99	+00 27 45.7	E 095
(1209)	1992 11 04.03477	05 14 33.85	+19 49 40.2	095	(1469)	1992 05 03.93551	15 55 40.76	-06 38 25.8	095
(1212)	1992 08 31.87502	23 10 55.00	-07 53 38.6	095	(1497)	1992 09 03.91319	23 34 13.48	-01 24 50.9	095
(1212)	1992 08 31.88909	23 10 54.59	-07 53 42.6	095	(1497)	1992 09 03.92708	23 34 13.03	-01 24 54.2	095
(1231)	1992 09 28.87701	00 37 04.26	+13 19 15.6	E 095	(1497)	1992 09 29.82977	23 14 38.82	-03 24 28.3	095
(1231)	1992 09 28.88397	00 37 03.96	+13 19 15.2	E 095	(1497)	1992 09 29.84366	23 14 38.33	-03 24 34.0	095
(1242)	1992 09 04.89433	22 15 23.49	-15 38 40.8	095	(1502)	1992 11 03.95632	03 25 56.11	+15 59 53.2	095
(1242)	1992 09 04.90126	22 15 22.99	-15 38 40.7	095	(1503)	1992 09 04.89433	21 43 40.89	-08 46 54.6	r 095
(1245)	1992 08 31.87502	23 28 54.60	-04 35 56.2	095	(1530)	1992 09 04.97973	00 34 10.63	+13 08 11.8	095
(1245)	1992 08 31.88909	23 28 54.05	-04 36 01.8	E 095	(1530)	1992 09 28.87701	00 17 06.19	+12 31 45.4	095
(1247)	1992 04 29.82817	14 03 41.72	-10 19 52.2	E 095	(1530)	1992 09 28.88397	00 17 05.88	+12 31 44.9	095
(1247)	1992 05 03.86815	14 00 39.87	-10 02 35.2	E 095	(1530)	1992 09 30.84544	00 15 25.07	+12 22 24.4	095
(1261)	1992 11 03.95632	03 07 55.41	+16 20 32.8	095	(1530)	1992 10 20.80757	00 01 40.43	+10 26 10.2	095
(1266)	1992 09 28.79161	22 34 31.10	+02 45 31.7	E 095	(1541)	1992 09 30.00671	02 32 23.77	+18 30 40.0	095
(1266)	1992 09 28.79854	22 34 30.77	+02 45 32.2	E 095	(1541)	1992 09 30.02060	02 32 23.20	+18 30 39.5	095
(1266)	1992 09 30.79162	22 33 19.69	+02 41 48.0	E 095	(1544)	1992 08 28.96181	00 43 14.86	-00 54 07.0	095
(1267)	1992 04 29.82817	14 09 09.60	-14 59 24.6	095	(1544)	1992 08 28.97917	00 43 14.37	-00 54 10.5	095
(1267)	1992 04 29.84484	14 09 08.51	-14 59 21.6	095	(1544)	1992 08 31.96874	00 41 54.77	-01 05 03.3	095
(1267)	1992 05 03.86815	14 05 03.51	-14 48 58.9	095	(1544)	1992 08 31.98262	00 41 54.29	-01 05 07.0	095
(1268)	1992 05 01.85427	13 06 27.32	-10 32 15.4	095	(1545)	1992 11 04.02090	05 16 35.21	+24 05 46.2	E 095
(1268)	1992 05 05.82995	13 04 27.05	-10 21 07.0	095	(1545)	1992 11 04.03477	05 16 35.11	+24 05 51.0	E 095
(1268)	1992 05 05.83691	13 04 26.60	-10 21 04.7	095	(1553)	1992 08 31.88909	23 22 12.80	-08 14 45.0	095
(1269)	1992 08 31.87502	23 00 20.82	-08 09 05.6	095	(1576)	1992 08 31.87502	23 30 54.80	-03 08 06.2	095
(1269)	1992 08 31.88909	23 00 20.35	-08 09 09.5	095	(1576)	1992 08 31.88909	23 30 54.25	-03 08 10.7	E 095
(1275)	1992 05 02.00080	16 25 19.30	-07 15 42.8	095	(1576)	1992 09 29.82977	23 10 17.39	-05 30 12.5	095
(1275)	1992 05 05.98969	16 22 38.07	-06 50 52.2	095	(1576)	1992 09 29.84366	23 10 16.94	-05 30 14.8	095
(1279)	1992 10 20.87910	01 19 03.56	+16 15 45.4	r 095	(1579)	1992 08 29.96875	23 58 23.46	+02 18 37.0	095
(1288)	1992 09 04.97973	00 20 11.88	+13 11 06.2	095	(1579)	1992 08 29.97917	23 58 23.21	+02 18 33.3	095
(1288)	1992 09 28.87701	00 01 24.26	+12 07 38.0	E 095	(1579)	1992 08 30.96944	23 57 52.10	+02 13 37.2	095

(1579)	1992 08 30.98264	23 57 51.64	+02 13 33.9	095	(1741)	1992 09 29.93728	01 42 39.49	+07 45 48.3	095
(1579)	1992 09 03.91319	23 55 42.24	+01 53 03.5	095	(1760)	1992 11 03.95632	03 05 24.92	+18 39 51.7	095
(1579)	1992 09 03.92708	23 55 41.80	+01 53 00.3	095	(1763)	1992 10 28.94575	04 01 34.03	+28 24 57.9	095
(1579)	1992 09 29.82977	23 39 29.95	-00 42 23.5	095	(1779)	1992 08 31.87502	23 01 49.02	-04 18 30.7	095
(1579)	1992 09 29.84366	23 39 29.51	-00 42 30.3	095	(1779)	1992 08 31.88909	23 01 48.46	-04 18 35.6	095
(1583)	1992 05 03.86815	14 19 53.14	-15 38 32.3	095	(1790)	1992 09 30.00671	02 17 19.88	+17 13 25.5	095
(1585)	1992 07 31.95139	22 21 54.65	-05 54 49.9	095	(1790)	1992 09 30.02060	02 17 19.26	+17 13 26.2	095
(1585)	1992 07 31.96528	22 21 54.22	-05 54 58.7	095	(1794)	1992 04 29.82817	13 55 01.16	-14 49 21.7	095
(1585)	1992 09 04.89433	21 57 47.63	-14 22 25.2	095	(1794)	1992 04 29.84484	13 55 00.48	-14 49 17.0	095
(1585)	1992 09 04.90126	21 57 47.18	-14 22 31.0	095	(1794)	1992 05 03.86815	13 52 27.12	-14 08 37.1	095
(1587)	1992 09 30.00671	02 21 48.30	+20 34 22.1	095	(1796)	1992 08 28.87162	21 49 16.43	+06 38 23.7	095
(1587)	1992 09 30.02060	02 21 47.75	+20 34 24.5	095	(1796)	1992 08 28.88542	21 49 16.05	+06 38 17.7	095
(1615)	1992 09 29.91992	01 54 46.84	+09 38 14.1	095	(1806)	1992 08 29.96875	00 23 16.61	+09 27 17.9	095
(1615)	1992 09 29.93728	01 54 46.39	+09 38 09.6	095	(1806)	1992 08 29.97917	00 23 16.17	+09 27 16.3	095
(1631)	1992 05 01.85427	13 01 21.64	-08 57 16.4	095	(1806)	1992 08 30.96944	00 22 40.69	+09 25 40.1	095
(1631)	1992 05 05.82995	12 57 50.29	-08 46 54.4	095	(1806)	1992 08 30.98264	00 22 40.35	+09 25 40.7	095
(1631)	1992 05 05.83691	12 57 49.90	-08 46 53.7	095	(1806)	1992 09 04.97973	00 19 18.08	+09 14 08.4	E 095
(1635)	1992 04 29.82817	14 22 15.39	-12 31 42.9	095	(1808)	1992 09 29.91992	01 57 03.59	+12 27 14.2	095
(1635)	1992 05 03.86815	14 18 57.21	-12 13 08.2	095	(1808)	1992 09 29.93728	01 57 03.11	+12 27 12.6	095
(1639)	1992 08 29.87569	22 38 50.38	-04 56 18.3	095	(1810)	1992 04 29.82817	13 51 50.88	-16 18 13.7	095
(1639)	1992 08 29.88889	22 38 49.43	-04 56 23.2	095	(1810)	1992 04 29.84484	13 51 50.22	-16 18 08.4	095
(1639)	1992 08 30.88542	22 37 50.93	-04 58 18.7	095	(1810)	1992 05 03.86815	13 48 06.89	-15 48 52.7	E 095
(1639)	1992 08 30.89931	22 37 50.06	-04 58 19.9	095	(1811)	1992 05 01.92789	14 58 50.26	-06 09 43.8	095
(1642)	1992 08 31.87502	23 03 21.74	-05 00 44.9	095	(1811)	1992 05 05.91538	14 55 54.02	-05 50 07.6	095
(1642)	1992 08 31.88909	23 03 20.98	-05 00 47.1	095	(1815)	1992 11 03.95632	03 17 17.43	+14 19 21.9	095
(1645)	1992 08 29.87569	22 42 13.34	-06 33 35.9	095	(1822)	1992 09 30.00671	02 12 24.62	+13 49 25.4	095
(1645)	1992 08 29.88889	22 42 12.72	-06 33 40.3	095	(1822)	1992 09 30.02060	02 12 24.06	+13 49 19.9	095
(1645)	1992 08 30.88542	22 41 27.21	-06 38 03.6	095	(1856)	1992 07 31.95139	22 16 14.77	-04 33 46.7	095
(1645)	1992 08 30.89931	22 41 26.54	-06 38 08.3	095	(1856)	1992 07 31.96528	22 16 14.27	-04 33 47.5	095
(1645)	1992 09 03.83414	22 38 26.47	-06 55 40.6	095	(1879)	1992 08 29.87569	22 33 38.57	-05 36 56.1	095
(1645)	1992 09 03.84757	22 38 25.90	-06 55 44.8	095	(1879)	1992 08 29.88889	22 33 37.46	-05 37 01.7	095
(1660)	1992 09 28.96243	01 08 12.92	+18 21 34.7	095	(1879)	1992 08 30.88542	22 32 39.11	-05 42 38.6	095
(1660)	1992 09 28.96936	01 08 12.53	+18 21 37.1	095	(1879)	1992 08 30.89931	22 32 38.16	-05 42 44.4	095
(1660)	1992 10 28.87145	00 42 22.03	+11 22 04.3	095	(1885)	1992 09 04.97973	00 43 58.78	+11 30 26.4	095
(1667)	1992 11 03.95632	03 17 18.39	+13 36 59.5	E 095	(1885)	1992 09 28.87701	00 24 02.79	+12 02 18.1	095
(1671)	1992 09 04.89433	21 58 22.39	-09 30 49.3	095	(1885)	1992 09 28.88397	00 24 02.42	+12 02 17.5	095
(1671)	1992 09 04.90126	21 58 21.92	-09 30 48.2	095	(1885)	1992 09 30.84544	00 22 07.92	+11 58 54.0	095
(1674)	1992 08 28.96181	00 33 17.84	-00 28 00.0	095	(1885)	1992 10 20.80757	00 06 33.66	+11 02 29.4	095
(1674)	1992 08 28.97917	00 33 17.52	-00 28 05.2	095	(1888)	1992 09 04.97973	00 19 05.19	+11 01 23.9	E 095
(1674)	1992 08 31.96874	00 31 54.68	-00 39 38.6	095	(1888)	1992 09 28.87701	23 59 47.18	+08 54 34.5	E 095
(1674)	1992 08 31.98262	00 31 54.27	-00 39 42.6	095	(1888)	1992 09 28.88397	23 59 46.73	+08 54 30.5	E 095
(1682)	1992 05 03.86815	14 00 44.51	-19 24 20.5	E 095	(1903)	1992 04 01.78858	10 25 55.74	+17 58 56.8	095
(1692)	1992 09 03.91319	23 39 18.93	-00 01 05.1	095	(1903)	1992 04 01.80142	10 25 55.31	+17 58 56.4	095
(1692)	1992 09 03.92708	23 39 18.35	-00 01 09.8	095	(1907)	1992 08 31.87502	22 51 58.76	-08 00 45.0	095
(1692)	1992 09 29.82977	23 20 02.12	-02 35 21.9	095	(1907)	1992 08 31.88909	22 51 58.21	-08 00 52.8	E 095
(1692)	1992 09 29.84366	23 20 01.57	-02 35 28.6	095	(1907)	1992 09 03.83414	22 49 28.78	-08 19 57.8	095
(1695)	1992 09 28.96243	01 13 13.92	+21 53 13.1	r 095	(1907)	1992 09 03.84757	22 49 28.22	-08 20 03.3	095
(1695)	1992 09 28.96936	01 13 13.68	+21 53 09.4	r 095	(1924)	1992 08 31.87502	23 16 16.89	-05 13 01.9	095
(1695)	1992 10 20.87910	01 01 37.72	+15 55 08.6	095	(1924)	1992 08 31.88909	23 16 16.10	-05 13 04.7	095
(1695)	1992 10 28.87145	00 58 24.58	+13 35 40.8	095	(1933)	1992 08 28.97917	00 39 27.81	+02 08 06.0	095
(1726)	1992 03 26.85223	10 48 23.23	+02 42 32.2	095	(1933)	1992 08 31.96874	00 38 36.01	+01 46 09.3	095
(1741)	1992 09 29.91992	01 42 40.06	+07 45 51.2	095	(1933)	1992 08 31.98262	00 38 35.56	+01 46 03.3	095

(1939)	1992 11 04.02090	05 14 14.63	+23 36 27.9	E 095	(2230)	1992 09 03.92708	23 54 21.45	-01 56 58.0	095
(1939)	1992 11 04.03477	05 14 14.60	+23 36 26.6	E 095	(2230)	1992 09 29.82977	23 35 06.03	-04 26 13.2	095
(1955)	1992 09 29.91992	01 46 06.28	+12 21 40.6	095	(2230)	1992 09 29.84366	23 35 05.30	-04 26 19.6	095
(1955)	1992 09 29.93728	01 46 05.78	+12 21 37.9	095	(2260)	1992 05 01.92789	14 58 42.49	-00 49 12.6	095
(1956)	1992 09 29.91992	01 49 09.52	+09 35 59.0	095	(2269)	1992 03 26.92515	12 20 29.80	+20 45 05.8	E 095
(1956)	1992 09 29.93728	01 49 09.03	+09 35 55.4	095	(2276)	1992 09 30.00671	02 27 44.99	+15 12 04.8	095
(1958)	1992 09 03.83414	22 44 02.65	-09 46 02.2	095	(2303)	1992 09 29.91992	01 36 32.99	+07 56 08.7	095
(1958)	1992 09 03.84757	22 44 02.02	-09 46 04.6	095	(2303)	1992 09 29.93728	01 36 32.46	+07 56 02.9	095
(1985)	1992 07 31.95139	22 20 14.05	-00 15 26.5	095	(2306)	1992 05 03.86815	13 59 15.78	-14 35 44.6	095
(1985)	1992 07 31.96528	22 20 13.59	-00 15 27.2	095	(2317)	1992 08 29.96875	00 02 17.54	+02 39 33.1	095
(1985)	1992 08 28.87162	21 58 27.13	-00 30 36.9	095	(2317)	1992 08 30.96944	00 01 46.11	+02 34 03.5	095
(1985)	1992 08 28.88542	21 58 26.34	-00 30 36.8	095	(2317)	1992 08 30.98264	00 01 45.83	+02 33 58.8	095
(1998)	1992 09 03.91319	23 37 26.99	-03 17 20.5	095	(2317)	1992 09 03.91319	23 59 30.33	+02 10 41.7	095
(1998)	1992 09 03.92708	23 37 26.01	-03 17 22.1	095	(2317)	1992 09 03.92708	23 59 29.82	+02 10 33.9	095
(1998)	1992 09 29.82977	23 12 24.74	-04 24 20.4	095	(2317)	1992 09 29.82977	23 40 24.08	-01 05 02.4	095
(1998)	1992 09 29.84366	23 12 23.96	-04 24 23.0	095	(2317)	1992 09 29.84366	23 40 23.66	-01 05 11.2	095
(1999)	1992 08 31.87502	23 21 59.64	-09 33 46.9	095	(2341)	1992 09 03.83414	22 51 58.67	-15 48 08.0	095
(1999)	1992 08 31.88909	23 21 59.10	-09 33 52.4	095	(2341)	1992 09 03.84757	22 51 57.82	-15 48 12.2	095
(2004)	1992 08 29.87569	22 42 20.67	-10 32 36.1	095	(2354)	1992 09 30.00671	02 28 56.88	+11 57 50.1	095
(2004)	1992 08 29.88889	22 42 19.75	-10 32 39.5	095	(2354)	1992 09 30.02060	02 28 56.43	+11 57 44.3	095
(2004)	1992 08 30.88542	22 41 18.01	-10 37 22.6	095	(2358)	1992 08 31.87502	23 25 29.52	-03 20 29.5	095
(2004)	1992 08 30.89931	22 41 17.00	-10 37 28.5	095	(2358)	1992 08 31.88909	23 25 28.85	-03 20 30.7	095
(2004)	1992 09 03.83414	22 37 11.98	-10 55 34.6	095	(2364)	1992 11 03.95632	03 23 24.95	+20 33 45.9	095
(2004)	1992 09 03.84757	22 37 11.13	-10 55 38.1	095	(2396)	1992 08 31.87502	23 03 02.26	-07 20 26.9	095
(2007)	1992 09 03.83414	22 16 56.99	-14 16 43.7	095	(2396)	1992 08 31.88909	23 03 01.70	-07 20 38.8	095
(2007)	1992 09 03.84757	22 16 56.09	-14 16 45.7	095	(2406)	1992 08 31.88909	23 01 13.26	-09 12 33.4	095
(2007)	1992 09 04.89433	22 15 58.02	-14 20 39.8	095	(2410)	1992 08 31.87502	23 02 18.13	-08 45 45.3	095
(2007)	1992 09 04.90126	22 15 57.60	-14 20 41.4	095	(2410)	1992 08 31.88909	23 02 17.32	-08 45 52.9	095
(2011)	1992 08 31.87502	23 15 03.98	-03 45 04.7	095	(2459)	1992 09 28.96243	01 06 38.09	+12 55 15.0	E 095
(2011)	1992 08 31.88909	23 15 03.21	-03 45 07.0	095	(2459)	1992 09 28.96936	01 06 37.70	+12 55 11.4	E 095
(2019)	1992 08 29.96875	00 14 53.73	+09 24 37.6	095	(2469)	1992 05 01.92789	15 06 07.70	-02 58 57.0	095
(2019)	1992 08 29.97917	00 14 53.34	+09 24 34.8	095	(2469)	1992 05 05.91538	15 03 09.82	-02 40 26.4	095
(2019)	1992 08 30.96944	00 14 12.16	+09 21 28.6	095	(2478)	1992 09 28.96243	01 17 40.90	+12 39 39.2	E 095
(2019)	1992 08 30.98264	00 14 11.49	+09 21 24.1	095	(2478)	1992 09 28.96936	01 17 40.45	+12 39 36.5	E 095
(2089)	1992 05 02.00080	16 26 45.81	-04 58 33.4	095	(2483)	1992 09 03.91319	23 43 10.79	+04 47 57.8	095
(2089)	1992 05 05.98969	16 23 40.66	-04 52 11.1	095	(2483)	1992 09 03.92708	23 43 10.38	+04 47 54.6	095
(2093)	1992 08 28.96181	00 29 34.40	-00 22 08.5	095	(2483)	1992 09 29.82977	23 26 58.63	+02 59 42.8	095
(2093)	1992 08 28.97917	00 29 33.71	-00 22 17.5	095	(2483)	1992 09 29.84366	23 26 58.10	+02 59 38.0	095
(2107)	1992 09 30.00671	02 06 12.58	+17 24 43.5	095	(2487)	1992 08 28.96181	00 36 18.88	+04 28 29.6	095
(2107)	1992 09 30.02060	02 06 12.18	+17 24 38.4	095	(2487)	1992 08 28.97917	00 36 18.37	+04 28 27.7	095
(2184)	1992 08 29.96875	00 10 45.47	+09 29 05.2	095	(2487)	1992 08 31.96874	00 35 10.90	+04 28 34.8	095
(2184)	1992 08 29.97917	00 10 45.33	+09 29 03.0	095	(2487)	1992 08 31.98262	00 35 10.53	+04 28 33.9	095
(2184)	1992 08 30.96944	00 10 14.08	+09 27 03.7	095	(2489)	1992 08 28.96181	00 21 59.93	-00 10 30.0	095
(2184)	1992 08 30.98264	00 10 13.60	+09 26 57.3	095	(2489)	1992 08 28.97917	00 21 59.31	-00 10 33.1	095
(2209)	1992 09 03.91319	23 46 27.17	-02 56 37.9	095	(2498)	1992 09 03.91319	23 37 01.74	-01 51 24.6	095
(2209)	1992 09 03.92708	23 46 26.67	-02 56 41.7	095	(2498)	1992 09 03.92708	23 37 01.22	-01 51 27.5	095
(2209)	1992 09 29.82977	23 27 05.03	-05 25 28.9	095	(2498)	1992 09 29.82977	23 17 21.99	-03 45 32.6	095
(2209)	1992 09 29.84366	23 27 04.40	-05 25 34.8	095	(2498)	1992 09 29.84366	23 17 21.71	-03 45 35.3	095
(2215)	1992 11 04.02090	05 20 39.49	+20 29 35.5	095	(2512)	1992 11 03.95632	03 38 12.76	+14 55 42.4	E 095
(2215)	1992 11 04.03477	05 20 39.24	+20 29 37.2	095	(2524)	1992 08 31.87502	23 01 36.33	-05 47 42.0	095
(2220)	1992 11 04.02090	05 00 30.31	+20 47 07.9	E 095	(2524)	1992 08 31.88909	23 01 35.67	-05 47 47.0	095
(2230)	1992 09 03.91319	23 54 21.99	-01 56 52.3	095	(2525)	1992 09 29.91992	02 08 27.48	+08 45 16.4	095

(2525)	1992 09 29.93728	02 08 27.06	+08 45 12.7	095	(2892)	1992 08 30.89931	22 12 55.92	-07 30 32.5	095
(2533)	1992 09 30.00671	02 11 09.42	+13 06 05.5	095	(2905)	1992 05 01.85427	12 52 55.34	-09 50 18.7	095
(2533)	1992 09 30.02060	02 11 08.88	+13 06 00.6	095	(2905)	1992 05 05.82995	12 50 21.61	-09 45 55.8	095
(2534)	1992 08 31.87502	23 28 25.60	-03 21 49.8	095	(2905)	1992 05 05.83691	12 50 21.25	-09 45 59.9	095
(2534)	1992 08 31.88909	23 28 25.01	-03 21 53.0	E 095	(2936)	1992 08 29.87569	22 45 45.31	-06 33 03.0	095
(2551)	1992 08 31.96874	00 27 43.84	+02 43 53.9	095	(2936)	1992 08 29.88889	22 45 44.21	-06 33 08.3	095
(2551)	1992 08 31.98262	00 27 43.49	+02 43 52.6	095	(2936)	1992 08 30.88542	22 44 47.81	-06 34 45.5	095
(2603)	1992 05 03.86815	13 56 03.04	-11 39 23.5	E 095	(2936)	1992 08 30.89931	22 44 46.80	-06 34 51.3	095
(2621)	1992 03 26.92515	11 57 01.11	+19 26 05.1	095	(2936)	1992 09 03.83414	22 41 03.67	-06 41 39.5	095
(2675)	1992 05 05.82995	13 06 31.24	-09 01 34.8	095	(2936)	1992 09 03.84757	22 41 02.94	-06 41 41.5	095
(2675)	1992 05 05.83691	13 06 30.90	-09 01 32.5	095	(2947)	1992 03 26.85223	10 28 51.84	+04 16 31.8	095
(2679)	1992 03 26.85223	10 21 39.76	-00 55 26.2	E 095	(2955)	1992 05 01.85427	13 01 53.67	-06 06 24.2	095
(2708)	1992 11 04.02090	04 58 36.76	+19 30 05.9	E 095	(2955)	1992 05 05.82995	12 58 57.15	-05 59 10.0	095
(2708)	1992 11 04.03477	04 58 36.59	+19 30 06.2	E 095	(2955)	1992 05 05.83691	12 58 56.83	-05 59 13.2	095
(2714)	1992 05 02.00080	16 30 37.50	-09 28 18.5	r 095	(2961)	1992 08 29.96875	00 23 25.90	+09 02 29.1	095
(2714)	1992 05 05.98969	16 28 40.16	-09 11 45.6	095	(2961)	1992 08 29.97917	00 23 25.75	+09 02 26.7	095
(2715)	1992 09 04.97973	00 38 31.16	+08 34 09.0	r 095	(2961)	1992 08 30.96944	00 22 59.01	+08 59 32.1	095
(2732)	1992 08 31.87502	22 59 54.34	-09 26 34.2	095	(2973)	1992 08 31.87502	23 20 36.31	-03 51 05.0	095
(2732)	1992 08 31.88909	22 59 53.69	-09 26 38.4	095	(2973)	1992 08 31.88909	23 20 35.66	-03 51 11.3	095
(2748)	1992 10 28.94575	03 45 19.30	+25 40 15.4	095	(2976)	1992 03 26.85223	10 32 47.64	+00 03 07.2	095
(2751)	1992 09 29.91992	01 43 53.22	+12 49 50.8	095	(3028)	1992 05 04.00148	17 52 29.75	-11 42 06.9	095
(2751)	1992 09 29.93728	01 43 52.72	+12 49 45.1	095	(3031)	1992 09 28.96243	01 15 43.24	+14 37 04.7	095
(2755)	1992 07 31.95139	22 14 23.97	-02 41 24.6	095	(3031)	1992 09 28.96936	01 15 42.78	+14 37 01.4	095
(2755)	1992 07 31.96528	22 14 23.50	-02 41 25.8	095	(3031)	1992 10 20.87910	00 53 29.50	+12 45 51.5	095
(2777)	1992 05 01.85427	13 01 57.38	-05 01 17.2	E 095	(3031)	1992 10 28.87145	00 46 19.05	+11 59 29.0	095
(2784)	1992 05 01.92789	15 10 46.14	-05 25 06.8	095	(3036)	1992 03 26.92515	11 54 31.61	+17 43 13.4	095
(2784)	1992 05 05.91538	15 06 50.72	-05 12 48.5	095	(3042)	1992 07 31.95139	22 11 36.46	+00 06 02.1	095
(2832)	1992 08 29.88889	22 27 32.72	-08 46 11.7	095	(3042)	1992 07 31.96528	22 11 35.99	+00 06 00.7	095
(2832)	1992 08 30.88542	22 26 40.95	-08 52 51.6	095	(3042)	1992 08 26.88889	21 52 14.06	-01 47 07.7	095
(2832)	1992 08 30.89931	22 26 40.41	-08 52 53.8	095	(3042)	1992 08 26.90278	21 52 13.47	-01 47 12.9	095
(2832)	1992 09 03.83414	22 23 17.76	-09 18 47.4	095	(3042)	1992 08 28.87162	21 50 45.09	-02 00 53.2	095
(2832)	1992 09 03.84757	22 23 17.22	-09 18 57.0	095	(3042)	1992 08 28.88542	21 50 44.46	-02 00 59.6	095
(2834)	1992 09 03.91319	23 45 33.69	+04 51 49.2	095	(3050)	1992 08 28.96181	00 34 24.11	+06 21 23.4	095
(2834)	1992 09 03.92708	23 45 33.16	+04 51 44.9	095	(3050)	1992 08 28.97917	00 34 23.60	+06 21 20.7	095
(2834)	1992 09 29.82977	23 24 40.11	+01 49 36.3	095	(3050)	1992 08 31.96874	00 33 12.19	+06 14 37.6	095
(2834)	1992 09 29.84366	23 24 39.61	+01 49 29.6	095	(3050)	1992 08 31.98262	00 33 11.80	+06 14 34.5	095
(2857)	1992 08 31.87502	23 11 21.03	-07 31 17.1	095	(3052)	1992 03 26.85223	10 45 43.24	+00 27 15.5	095
(2857)	1992 08 31.88909	23 11 20.28	-07 31 24.9	095	(3062)	1992 10 20.95062	02 11 27.10	-05 38 54.2	E 095
(2888)	1992 08 26.97222	00 21 29.32	+02 17 40.3	095	(3066)	1992 03 26.85223	10 31 17.20	+05 31 55.4	095
(2888)	1992 08 26.98611	00 21 28.64	+02 17 40.0	095	(3077)	1992 08 31.87502	23 16 42.40	-02 31 13.9	095
(2888)	1992 08 28.96181	00 20 14.05	+02 19 08.8	095	(3077)	1992 08 31.88909	23 16 41.59	-02 31 19.0	095
(2888)	1992 08 28.97917	00 20 13.33	+02 19 10.0	095	(3108)	1992 08 31.87502	23 24 49.97	-04 03 53.3	095
(2888)	1992 08 29.96875	00 19 33.47	+02 19 39.3	095	(3108)	1992 08 31.88909	23 24 49.26	-04 03 59.7	095
(2888)	1992 08 29.97917	00 19 33.06	+02 19 37.8	095	(3158)	1992 08 26.88889	21 44 11.28	+02 02 28.3	095
(2888)	1992 08 30.96944	00 18 51.13	+02 20 02.1	095	(3158)	1992 08 26.90278	21 44 10.66	+02 02 22.3	095
(2888)	1992 08 30.98264	00 18 50.53	+02 20 02.7	095	(3176)	1992 03 26.92515	12 07 15.46	+24 13 51.0	E 095
(2888)	1992 08 31.96874	00 18 07.20	+02 20 19.1	095	(3181)	1992 09 03.91319	23 43 23.85	+03 52 38.0	095
(2888)	1992 08 31.98262	00 18 06.55	+02 20 18.9	095	(3181)	1992 09 03.92708	23 43 22.95	+03 52 30.7	095
(2891)	1992 05 05.91538	15 19 18.70	-05 59 38.8	E 095	(3181)	1992 09 29.82977	23 19 59.73	+00 44 40.8	095
(2892)	1992 08 29.87569	22 13 53.97	-07 30 46.5	095	(3181)	1992 09 29.84366	23 19 59.17	+00 44 35.4	095
(2892)	1992 08 29.88889	22 13 53.00	-07 30 46.5	095	(3182)	1992 09 28.79161	22 05 39.99	+09 42 59.0	E 095
(2892)	1992 08 30.88542	22 12 56.68	-07 30 33.5	095	(3182)	1992 09 28.79854	22 05 39.23	+09 42 55.2	E 095

(3182)	1992 09 30.79162	22 04 52.16	+09 26 10.9	095	(3637)	1992 09 28.88397	23 58 54.13	+10 26 37.8	E 095
(3188)	1992 09 03.83414	22 20 54.60	-10 09 47.5	095	(3641)	1992 05 03.80218	12 12 17.21	+06 12 36.7	095
(3188)	1992 09 03.84757	22 20 53.76	-10 09 47.7	095	(3647)	1992 05 01.92789	15 08 51.96	-05 04 52.2	095
(3214)	1992 05 02.00080	16 02 05.14	-07 38 02.2	E 095	(3647)	1992 05 05.91538	15 05 33.80	-04 50 30.4	095
(3214)	1992 05 03.93551	16 00 40.99	-07 35 28.9	095	(3652)	1992 09 30.00671	02 25 05.30	+17 03 06.2	095
(3218)	1992 09 29.82977	23 19 42.88	-03 45 02.9	095	(3652)	1992 09 30.02060	02 25 04.66	+17 03 02.0	095
(3218)	1992 09 29.84366	23 19 42.44	-03 45 12.0	095	(3683)	1992 05 02.00080	16 27 15.33	-04 21 49.6	095
(3242)	1992 08 29.96875	23 58 52.02	+07 00 23.6	095	(3683)	1992 05 05.98969	16 24 38.84	-04 19 22.4	095
(3242)	1992 08 29.97917	23 58 51.92	+07 00 17.7	095	(3705)	1992 08 29.87569	22 24 42.90	-09 56 51.6	095
(3242)	1992 08 30.96944	23 58 19.64	+06 53 15.5	095	(3705)	1992 08 29.88889	22 24 42.22	-09 56 57.0	095
(3242)	1992 08 30.98264	23 58 19.24	+06 53 11.3	095	(3705)	1992 08 30.88542	22 23 57.09	-10 01 50.3	095
(3250)	1992 09 29.91992	01 31 41.94	+11 17 28.6	095	(3705)	1992 08 30.89931	22 23 56.63	-10 01 54.6	095
(3250)	1992 09 29.93728	01 31 41.40	+11 17 25.5	095	(3705)	1992 09 03.83414	22 20 59.96	-10 21 04.6	095
(3268)	1992 03 26.85223	10 43 38.04	-00 24 17.6	095	(3705)	1992 09 03.84757	22 20 59.03	-10 21 05.3	095
(3310)	1992 05 01.92789	15 19 02.22	-03 39 59.4	095	(3709)	1992 05 01.92789	15 05 37.04	-02 07 43.9	095
(3310)	1992 05 05.91538	15 15 47.88	-03 32 54.8	095	(3721)	1992 08 29.96875	00 04 36.06	+09 35 40.0	095
(3336)	1992 09 04.89433	22 02 12.59	-10 09 45.0	095	(3721)	1992 08 29.97917	00 04 35.63	+09 35 37.0	095
(3378)	1992 08 31.87502	23 02 17.56	-04 30 52.6	095	(3721)	1992 08 30.96944	00 03 57.60	+09 35 06.5	095
(3385)	1992 09 03.91319	23 34 05.33	+03 40 16.5	095	(3721)	1992 08 30.98264	00 03 57.04	+09 35 06.1	095
(3385)	1992 09 03.92708	23 34 04.59	+03 40 07.7	095	(3793)	1992 05 02.00080	15 58 28.53	-05 10 40.9	E 095
(3385)	1992 09 29.82977	23 12 27.28	-00 23 14.8	095	(3793)	1992 05 03.93551	15 57 37.19	-05 03 11.0	095
(3385)	1992 09 29.84366	23 12 26.74	-00 23 25.2	095	(3803)	1992 11 04.03477	05 10 36.25	+23 57 06.0	E 095
(3428)	1992 08 26.88889	21 41 00.23	-00 05 39.9	095	(3810)	1992 05 01.85427	13 03 01.06	-14 29 31.7	r 095
(3428)	1992 08 26.90278	21 40 59.38	-00 05 42.3	095	(3825)	1992 04 01.78858	10 15 38.09	+19 57 15.6	095
(3429)	1992 09 29.91992	02 06 16.80	+11 52 28.9	095	(3825)	1992 04 01.80142	10 15 37.92	+19 57 10.8	095
(3429)	1992 09 29.93728	02 06 16.33	+11 52 25.2	095	(3832)	1992 09 03.91319	23 49 15.13	-02 18 06.0	095
(3429)	1992 09 30.00671	02 06 13.19	+11 52 03.4	095	(3832)	1992 09 03.92708	23 49 14.68	-02 18 09.1	095
(3429)	1992 09 30.02060	02 06 12.67	+11 51 57.0	095	(3832)	1992 09 29.82977	23 30 26.46	-04 09 20.8	095
(3469)	1992 09 28.96243	01 27 59.34	+14 23 31.7	095	(3832)	1992 09 29.84366	23 30 25.71	-04 09 25.5	095
(3469)	1992 09 28.96936	01 27 58.97	+14 23 29.6	095	(3851)	1992 08 30.88542	22 29 46.59	-10 49 07.2	095
(3469)	1992 10 20.87910	01 12 09.90	+11 53 07.4	E 095	(3851)	1992 08 30.89931	22 29 45.52	-10 49 10.5	095
(3469)	1992 10 28.87145	01 06 45.28	+10 55 10.0	E 095	(3851)	1992 09 03.83414	22 25 32.23	-11 02 07.4	095
(3472)	1992 09 28.87701	00 18 58.45	+09 21 56.9	095	(3851)	1992 09 03.84757	22 25 31.55	-11 02 14.0	095
(3472)	1992 09 28.88397	00 18 58.17	+09 21 54.3	095	(3868)	1992 08 31.87502	23 17 41.57	-02 21 36.6	095
(3472)	1992 10 20.80757	00 04 12.13	+06 52 22.2	095	(3868)	1992 08 31.88909	23 17 41.00	-02 21 42.4	095
(3522)	1992 08 29.96875	00 13 41.15	+08 55 30.6	095	(3894)	1992 05 03.93551	15 43 57.30	-00 13 51.4	095
(3522)	1992 08 29.97917	00 13 41.01	+08 55 26.9	095	(3898)	1992 08 31.87502	23 11 51.30	-04 46 46.9	095
(3522)	1992 08 30.96944	00 13 22.39	+08 50 28.7	095	(3898)	1992 08 31.88909	23 11 50.76	-04 46 51.3	095
(3522)	1992 08 30.98264	00 13 22.06	+08 50 24.0	095	(3914)	1992 08 29.87569	22 30 57.54	-05 11 12.9	095
(3542)	1992 09 28.96243	00 56 50.92	+18 32 11.3	E 095	(3914)	1992 08 30.88542	22 30 05.50	-05 13 02.2	095
(3542)	1992 09 28.96936	00 56 50.82	+18 32 14.1	E 095	(3914)	1992 08 30.89931	22 30 04.81	-05 13 05.5	095
(3546)	1992 09 28.88397	00 36 03.10	+10 44 02.2	E 095	(3915)	1992 08 28.96181	00 22 33.58	+02 29 04.9	095
(3546)	1992 10 20.80757	00 17 20.82	+09 20 24.7	E 095	(3915)	1992 08 28.97917	00 22 33.11	+02 28 50.4	095
(3577)	1992 08 29.87569	22 16 32.27	-06 30 38.0	095	(3915)	1992 08 29.97917	00 22 06.62	+02 18 35.0	095
(3577)	1992 08 29.88889	22 16 31.51	-06 30 41.8	095	(3915)	1992 08 31.96874	00 21 09.97	+01 57 32.1	095
(3588)	1992 08 29.96875	00 09 41.11	+05 14 15.7	095	(3915)	1992 08 31.98262	00 21 09.44	+01 57 18.7	095
(3588)	1992 08 29.97917	00 09 40.84	+05 14 13.5	095	(3936)	1992 09 04.97973	00 20 45.89	+11 25 05.6	095
(3588)	1992 08 30.96944	00 09 06.07	+05 13 17.9	095	(3968)	1992 10 20.87910	01 17 31.46	+19 06 01.5	E 095
(3588)	1992 08 30.98264	00 09 05.57	+05 13 18.0	095	(3976)	1992 05 03.86815	13 56 26.25	-14 19 57.9	095
(3604)	1992 05 01.85427	12 53 43.01	-08 12 36.6	095	(3977)	1992 09 04.97973	00 22 59.46	+16 27 19.8	095
(3637)	1992 09 04.97973	00 16 29.64	+14 23 26.0	E 095	(3977)	1992 09 28.87701	00 05 41.80	+13 02 45.3	095
(3637)	1992 09 28.87701	23 58 54.46	+10 26 35.8	E 095	(3977)	1992 09 28.88397	00 05 41.43	+13 02 41.8	095

(3977)	1992 09 30.84544	00 04 13.30	+12 41 35.0	095	(4455)	1992 08 28.87162	21 38 05.69	+00 25 42.2	095
(3977)	1992 10 20.80757	23 52 16.07	+09 03 52.2	095	(4455)	1992 08 28.88542	21 38 05.07	+00 25 38.1	095
(3978)	1992 09 28.79161	22 21 07.53	+08 13 29.8	095	(4457)	1992 05 01.92789	15 05 42.70	-02 57 59.0	095
(3978)	1992 09 28.79854	22 21 07.20	+08 13 32.1	095	(4457)	1992 05 05.91538	15 02 32.32	-02 23 04.2	095
(3986)	1992 10 28.94575	03 58 01.31	+27 57 38.1	095	(4489)	1992 05 01.92789	15 11 23.20	+01 37 50.8	E 095
(3993)	1992 09 30.00671	02 19 15.42	+13 57 42.2	095	(4489)	1992 05 05.91538	15 09 19.34	+01 41 12.6	E 095
(3993)	1992 09 30.02060	02 19 14.80	+13 57 37.6	095	(4498)	1992 09 04.97973	00 35 02.06	+18 23 13.2	r 095
(3995)	1992 10 20.95062	02 26 29.66	-01 04 00.8	095	(4498)	1992 09 28.87701	00 17 53.56	+17 30 26.3	E 095
(4051)	1992 10 28.94575	03 54 09.82	+23 52 57.0	095	(4498)	1992 09 28.88397	00 17 53.29	+17 30 22.8	E 095
(4059)	1992 09 28.79161	22 04 41.44	+02 08 53.4	095	(4498)	1992 09 30.84544	00 16 19.36	+17 21 07.0	E 095
(4073)	1992 09 03.91319	23 50 11.58	-02 40 52.7	095	(4498)	1992 10 20.80757	00 02 21.10	+15 22 35.7	E 095
(4073)	1992 09 03.92708	23 50 11.11	-02 40 55.1	095	(4519)	1992 08 31.96874	00 16 59.38	+00 46 26.7	095
(4073)	1992 09 29.82977	23 32 24.09	-04 56 31.5	095	(4519)	1992 08 31.98262	00 16 58.87	+00 46 15.7	095
(4073)	1992 09 29.84366	23 32 23.58	-04 56 35.2	095	(4539)	1992 09 28.96243	01 14 20.10	+16 38 46.0	095
(4112)	1992 08 26.98611	00 17 29.75	+02 28 37.2	095	(4539)	1992 09 28.96936	01 14 19.71	+16 38 44.0	095
(4112)	1992 08 28.96181	00 16 41.42	+02 12 57.1	095	(4539)	1992 10 20.87910	00 56 24.80	+14 21 47.5	095
(4112)	1992 08 28.97917	00 16 40.80	+02 12 49.3	095	(4539)	1992 10 28.87145	00 50 41.37	+13 24 26.1	095
(4112)	1992 08 29.96875	00 16 15.12	+02 04 44.9	095	(4607)	1992 03 26.85223	10 28 08.82	+05 32 32.1	095
(4112)	1992 08 29.97917	00 16 14.81	+02 04 41.5	095	(4724)	1992 05 01.92789	15 24 48.05	-05 15 13.5	E 095
(4112)	1992 08 30.96944	00 15 48.06	+01 56 26.1	095	(4724)	1992 05 05.91538	15 20 52.06	-05 10 14.2	E 095
(4112)	1992 08 30.98264	00 15 47.91	+01 56 17.2	095	(4749)	1992 05 01.92789	14 52 49.42	-03 51 16.3	095
(4112)	1992 08 31.98262	00 15 19.71	+01 47 56.2	095	(4760)	1992 05 01.92789	15 02 08.43	-04 04 30.3	095
(4143)	1992 08 28.96181	00 24 45.71	-00 39 18.7	095	(4777)	1992 08 29.96875	23 57 30.57	+01 04 22.9	095
(4143)	1992 08 28.97917	00 24 45.10	-00 39 20.8	095	(4777)	1992 08 29.97917	23 57 30.20	+01 04 12.9	095
(4143)	1992 08 31.98262	00 23 23.77	-00 51 15.3	095	(4777)	1992 08 30.98264	23 56 52.79	+00 59 26.4	095
(4144)	1992 08 26.97222	00 24 51.16	+01 45 21.6	095	(4777)	1992 09 03.91319	23 54 12.96	+00 38 45.4	095
(4144)	1992 08 26.98611	00 24 50.94	+01 45 17.7	095	(4777)	1992 09 03.92708	23 54 12.43	+00 38 41.4	095
(4144)	1992 08 30.96944	00 23 09.76	+01 22 11.9	095	(4777)	1992 09 29.82977	23 32 39.87	-02 11 24.6	095
(4144)	1992 08 31.96874	00 22 41.97	+01 16 11.5	095	(4777)	1992 09 29.84366	23 32 39.27	-02 11 31.6	095
(4144)	1992 08 31.98262	00 22 41.58	+01 16 02.3	095	(4798)	1992 09 03.83414	22 44 14.57	-14 45 22.9	095
(4193)	1992 08 28.96181	00 29 24.01	+00 49 39.3	095	(4798)	1992 09 03.84757	22 44 13.93	-14 45 31.1	095
(4193)	1992 08 28.97917	00 29 23.58	+00 49 36.2	095	(4802)	1992 09 04.89433	21 56 16.54	-13 59 57.1	095
(4193)	1992 08 31.96874	00 28 09.51	+00 38 21.2	095	(4802)	1992 09 04.90126	21 56 16.17	-13 59 57.3	095
(4193)	1992 08 31.98262	00 28 09.23	+00 38 16.4	095	(4869)	1992 09 03.83414	22 31 07.07	-16 31 58.7	095
(4258)	1992 09 03.83414	22 47 15.71	-14 25 05.9	095	(4869)	1992 09 03.84757	22 31 06.41	-16 32 05.6	095
(4258)	1992 09 03.84757	22 47 15.10	-14 25 11.1	095	(4892)	1992 09 04.97973	00 23 27.05	+10 33 11.3	095
(4271)	1992 05 02.00080	16 37 02.26	-06 00 23.8	E 095	(4906)	1992 08 29.87569	22 21 09.40	-12 43 46.6	095
(4271)	1992 05 05.98969	16 34 49.11	-05 40 51.1	095	(4906)	1992 08 29.88889	22 21 08.67	-12 43 52.3	095
(4304)	1992 09 03.92708	23 39 49.91	+01 31 30.7	095	(4906)	1992 08 30.88542	22 20 24.08	-12 49 33.2	095
(4304)	1992 09 29.82977	23 17 42.52	-00 07 42.7	095	(4906)	1992 08 30.89931	22 20 23.61	-12 49 36.4	095
(4304)	1992 09 29.84366	23 17 41.82	-00 07 46.5	095	(4906)	1992 09 04.89433	22 16 50.51	-13 15 56.1	095
(4318)	1992 05 03.86815	13 53 35.83	-11 59 54.3	E 095	(5008)	1992 08 29.87569	22 27 58.99	-11 50 01.1	095
(4362)	1992 09 29.91992	01 43 39.08	+08 30 20.3	095	(5008)	1992 08 29.88889	22 27 57.99	-11 50 14.4	095
(4362)	1992 09 29.93728	01 43 38.42	+08 30 15.8	095	(5008)	1992 08 30.88542	22 27 01.87	-11 58 17.1	095
(4376)	1992 09 30.00671	02 21 21.92	+14 41 31.5	095	(5008)	1992 08 30.89931	22 27 01.01	-11 58 25.3	095
(4376)	1992 09 30.02060	02 21 21.43	+14 41 26.7	095	(5153)	1992 05 01.92789	15 01 45.22	-00 42 25.2	095
(4378)	1992 05 03.93551	15 34 27.49	-02 00 55.9	E 095	(5153)	1992 05 05.91538	14 57 54.86	-00 40 36.5	095
(4417)	1992 08 31.87502	23 28 09.64	-06 09 25.2	095	(5212)	1992 05 01.85427	13 05 57.57	-14 06 12.3	E 095
(4417)	1992 08 31.88909	23 28 09.03	-06 09 28.4	E 095	(5216)	1992 05 02.00080	16 33 42.67	+00 12 32.5	r 095
(4452)	1992 08 30.89931	22 10 57.03	-06 31 37.9	095	(5232)	1992 05 01.92789	15 20 43.03	-00 11 17.7	095
(4455)	1992 08 26.88889	21 39 32.16	+00 34 32.0	095	(5262)	1992 05 02.00080	16 28 56.24	-07 32 20.1	095
(4455)	1992 08 26.90278	21 39 31.54	+00 34 28.3	095	(5262)	1992 05 05.98969	16 26 04.10	-07 35 40.0	095

(5267)	1992 05 01.92789	14 56 55.19	-00 47 31.6	095	(5813)	1992 09 04.97973	00 44 46.86	+09 19 21.2	E 095
(5281)	1992 05 02.00080	16 20 49.36	-07 16 08.6	095	(5826)	1992 09 03.91319	23 53 45.08	-01 41 32.9	095
(5298)	1992 08 30.88542	22 36 53.06	-12 48 15.5	095	(5826)	1992 09 03.92708	23 53 44.66	-01 41 36.5	095
(5298)	1992 08 30.89931	22 36 52.63	-12 48 20.0	095	(5826)	1992 09 29.82977	23 35 15.50	-03 58 56.7	095
(5298)	1992 09 03.83414	22 33 49.87	-13 06 00.0	095	(5826)	1992 09 29.84366	23 35 14.96	-03 59 02.4	095
(5298)	1992 09 03.84757	22 33 49.30	-13 06 04.3	095	(5844)	1992 08 29.96875	00 11 21.14	+05 44 17.6	095
(5301)	1992 09 28.79161	22 18 29.60	+04 21 18.8	095	(5844)	1992 08 29.97917	00 11 20.69	+05 44 16.3	095
(5301)	1992 09 28.79854	22 18 29.59	+04 21 13.5	095	(5844)	1992 08 30.96944	00 10 45.91	+05 40 48.4	095
(5334)	1992 08 29.87569	22 24 41.87	-06 23 08.4	095	(5844)	1992 08 30.98264	00 10 45.35	+05 40 46.6	095
(5334)	1992 08 29.88889	22 24 40.91	-06 23 19.3	095	(5844)	1992 08 31.96874	00 10 08.98	+05 37 06.8	095
(5334)	1992 08 30.88542	22 23 47.56	-06 32 31.8	095	(5844)	1992 08 31.98262	00 10 08.38	+05 37 03.5	E 095
(5334)	1992 08 30.89931	22 23 46.54	-06 32 40.1	095	(5851)	1992 08 29.87569	22 33 04.40	-05 50 48.7	095
(5336)	1992 07 31.95139	22 00 10.55	-01 58 09.3	095	(5851)	1992 08 29.88889	22 33 03.88	-05 50 54.7	095
(5336)	1992 07 31.96528	22 00 10.11	-01 58 13.4	095	(5851)	1992 08 30.88542	22 32 21.76	-06 03 36.2	095
(5346)	1992 09 04.89433	22 01 20.71	-16 18 15.1	095	(5851)	1992 09 03.83414	22 29 37.11	-06 53 44.6	095
(5346)	1992 09 04.90126	22 01 20.22	-16 18 12.8	095	(5851)	1992 09 03.84757	22 29 36.63	-06 53 56.8	095
(5355)	1992 08 30.88542	22 36 44.73	-07 59 39.2	095	(5861)	1992 09 03.91319	23 37 48.21	-00 37 52.1	095
(5355)	1992 08 30.89931	22 36 43.73	-07 59 48.4	095	(5861)	1992 09 03.92708	23 37 47.54	-00 37 54.1	095
(5355)	1992 09 03.83414	22 32 58.41	-08 23 07.3	095	(5861)	1992 09 29.82977	23 15 37.93	-02 14 45.7	095
(5355)	1992 09 03.84757	22 32 57.76	-08 23 15.3	095	(5861)	1992 09 29.84366	23 15 37.48	-02 14 50.2	095
(5358)	1992 08 31.87502	22 59 58.92	-04 16 18.8	095	(5897)	1992 08 29.87569	22 32 26.51	-06 23 29.6	095
(5358)	1992 08 31.88909	22 59 58.22	-04 16 20.5	095	(5897)	1992 08 29.88889	22 32 25.45	-06 23 35.4	095
(5364)	1992 10 28.94575	03 53 00.08	+24 48 16.7	095	(5897)	1992 08 30.88542	22 31 31.37	-06 27 09.4	095
(5376)	1992 09 04.97973	00 31 06.06	+14 03 16.8	095	(5897)	1992 08 30.89931	22 31 30.33	-06 27 12.9	095
(5376)	1992 09 28.87701	00 06 52.88	+15 03 05.0	095	(5922)	1992 09 30.00671	02 26 10.15	+19 36 33.5	095
(5376)	1992 09 28.88397	00 06 52.49	+15 03 02.9	095	(5922)	1992 09 30.02060	02 26 09.56	+19 36 29.4	095
(5376)	1992 10 20.80757	23 44 36.12	+14 29 32.4	095	(5981)	1992 08 31.87502	23 11 22.55	-09 57 30.7	095
(5398)	1992 09 04.97973	00 21 34.31	+14 37 39.7	095	(5981)	1992 08 31.88909	23 11 21.80	-09 57 28.4	095
(5398)	1992 09 28.87701	00 02 58.47	+13 48 24.4	095	(6019)	1992 10 28.94575	03 34 00.28	+30 20 02.8	E 095
(5398)	1992 09 28.88397	00 02 58.02	+13 48 22.4	095	(6027)	1992 04 01.78858	10 38 44.26	+17 31 55.2	095
(5412)	1992 09 03.83414	22 30 21.93	-13 19 56.7	095	(6027)	1992 04 01.80142	10 38 43.77	+17 31 58.8	095
(5412)	1992 09 03.84757	22 30 21.23	-13 19 58.3	095	(6277)	1992 09 28.96243	01 23 01.01	+19 09 04.9	095
(5421)	1992 09 04.97973	00 39 47.20	+11 04 41.6	095	(6277)	1992 09 28.96936	01 23 00.68	+19 09 05.3	095
(5421)	1992 09 28.87701	00 22 03.12	+09 39 05.0	095	(6277)	1992 10 20.87910	00 59 43.69	+18 22 55.8	095
(5421)	1992 09 28.88397	00 22 02.73	+09 39 00.9	095	(6277)	1992 10 28.87145	00 52 38.05	+17 47 16.0	095
(5421)	1992 09 30.84544	00 20 18.64	+09 27 09.7	095	(6309)	1992 08 29.96875	23 56 36.60	+04 40 39.4	095
(5421)	1992 10 20.80757	00 05 30.80	+07 18 46.6	095	(6309)	1992 08 29.97917	23 56 36.10	+04 40 35.2	095
(5422)	1992 10 28.94575	03 55 21.22	+23 46 27.8	E 095	(6309)	1992 09 03.91319	23 52 57.43	+04 34 45.3	095
(5448)	1992 10 20.87910	01 12 41.43	+15 32 29.0	095	(6309)	1992 09 03.92708	23 52 56.74	+04 34 44.6	095
(5448)	1992 10 28.87145	01 04 37.64	+14 46 11.0	095	(6349)	1992 08 30.89931	22 16 53.12	-08 42 18.5	095
(5533)	1992 10 20.80757	00 09 07.00	+06 24 31.9	r 095	(6405)	1992 05 05.91538	15 05 27.14	-07 58 23.9	E 095
(5540)	1992 09 04.97973	00 33 59.76	+11 22 07.6	095	(6419)	1992 09 28.79854	22 34 24.80	+08 51 46.6	r 095
(5540)	1992 09 28.87701	00 22 22.91	+08 59 18.3	095	(6419)	1992 09 30.79162	22 33 22.90	+08 41 05.2	r 095
(5540)	1992 09 28.88397	00 22 22.54	+08 59 17.9	095	(6469)	1992 09 03.91319	23 45 58.89	-02 54 05.0	095
(5540)	1992 09 30.84544	00 21 11.58	+08 42 45.6	095	(6469)	1992 09 03.92708	23 45 58.31	-02 54 07.1	095
(5550)	1992 11 03.95632	03 18 50.15	+16 28 33.0	095	(6507)	1992 10 20.80757	23 42 18.39	+08 01 04.7	E 095
(5613)	1992 09 30.00671	02 24 45.80	+15 04 10.5	095	(6527)	1992 10 28.94575	03 53 40.43	+28 04 10.8	095
(5613)	1992 09 30.02060	02 24 45.15	+15 04 06.8	095	(6543)	1992 10 28.94575	03 51 29.26	+27 18 52.2	095
(5677)	1992 09 29.91992	02 02 14.20	+12 20 54.5	095	(6594)	1992 07 31.95139	22 10 10.88	+01 06 09.6	095
(5677)	1992 09 29.93728	02 02 13.71	+12 20 50.4	095	(6594)	1992 07 31.96528	22 10 10.30	+01 06 07.4	095
(5692)	1992 05 03.80218	12 10 29.55	+04 54 35.5	095	(6594)	1992 08 28.87162	21 51 25.43	-01 49 32.7	095
(5752)	1992 03 26.85223	10 29 05.70	+03 44 18.4	095	(6594)	1992 08 28.88542	21 51 24.89	-01 49 41.6	095

(6655)	1992 03 26.92515	11 50 27.22	+17 44 13.4	095
(6794)	1992 03 26.92515	11 53 08.33	+18 31 50.0	095
(6886)	1992 05 01.92789	14 54 21.90	-04 07 57.8	095
(6907)	1992 03 26.92515	11 56 28.98	+16 15 14.5	095
(6915)	1992 05 01.92789	15 07 34.50	+00 36 51.4	095
(6915)	1992 05 05.91538	15 03 52.08	+00 38 13.8	095
(6955)	1992 09 04.89433	22 03 00.42	-13 21 56.6	095
(6955)	1992 09 04.90126	22 03 00.03	-13 21 54.4	095
(6975)	1992 08 29.87569	22 27 45.99	-07 22 13.8	095
(6975)	1992 08 29.88889	22 27 45.00	-07 22 15.5	095
(6975)	1992 08 30.88542	22 26 54.62	-07 23 55.6	095
(6975)	1992 08 30.89931	22 26 53.91	-07 23 57.8	095
(6975)	1992 09 03.84757	22 23 38.33	-07 30 37.7	095
(7083)	1992 11 03.95632	03 10 28.61	+21 11 10.6	095
(7094)	1992 08 29.87569	22 20 39.07	-06 37 41.4	095
(7094)	1992 08 29.88889	22 20 38.22	-06 37 54.1	095
(7094)	1992 08 30.88542	22 19 54.30	-06 46 55.7	095
(7094)	1992 08 30.89931	22 19 53.73	-06 46 55.1	095

098 Asiago Observatory, Cima Ekar

U. Munari, Osservatorio Astronomico di Padova, Sede di Asiago, I-36012 Asiago
(VI), Italy [munari@astras.pd.astro.it]

Observer U. Munari

Measurers M. Tombelli, G. Forti

0.67-m $f/3.2$ Schmidt

1995 YY ₁₀	1996 02 14.92188	07 58 57.27	+24 50 49.1	098
1995 YY ₁₀	1996 02 14.94270	07 58 56.19	+24 50 59.4	098
1995 YY ₁₀	1996 02 15.92940	07 58 16.68	+24 58 01.9	098
1995 YY ₁₀	1996 02 15.95119	07 58 15.80	+24 58 09.1	098
1995 YY ₁₀	1996 02 23.94757	07 53 54.58	+25 48 35.2	098
1995 YY ₁₀	1996 02 23.96840	07 53 53.85	+25 48 43.6	18.0 V 098
1996 AW ₄	1996 02 14.92188	07 59 00.80	+25 23 02.2	098
1996 AW ₄	1996 02 14.94270	07 58 59.82	+25 23 05.2	098
1996 AW ₄	1996 02 15.92940	07 58 14.58	+25 25 10.7	098
1996 AW ₄	1996 02 15.95119	07 58 13.52	+25 25 12.4	098
1996 AW ₄	1996 02 23.94757	07 53 19.44	+25 36 28.9	098
1996 AW ₄	1996 02 23.96840	07 53 18.73	+25 36 29.6	17.5 V 098
1996 CG ₉	* 1996 02 13.99762	08 24 34.01	+09 15 05.7	098
1996 CG ₉	1996 02 14.01846	08 24 33.04	+09 15 13.9	098
1996 CG ₉	1996 02 15.00451	08 23 43.35	+09 21 19.8	098
1996 CG ₉	1996 02 15.02535	08 23 42.36	+09 21 27.9	098
1996 CG ₉	1996 02 17.92514	08 21 23.54	+09 39 27.5	098
1996 CG ₉	1996 02 17.93499	08 21 22.54	+09 39 35.8	17.5 V 098
1996 CH ₉	* 1996 02 14.92188	07 50 05.43	+24 14 10.7	098
1996 CH ₉	1996 02 14.94270	07 50 04.59	+24 14 07.5	098
1996 CH ₉	1996 02 15.92940	07 49 25.08	+24 12 16.6	098
1996 CH ₉	1996 02 15.95119	07 49 24.12	+24 12 12.3	17.5 V 098
1996 CJ ₉	* 1996 02 14.92188	07 58 47.13	+25 03 48.7	098
1996 CJ ₉	1996 02 14.94270	07 58 46.20	+25 03 50.1	098
1996 CJ ₉	1996 02 15.92940	07 58 02.18	+25 06 58.0	098
1996 CJ ₉	1996 02 15.95119	07 58 01.36	+25 06 59.0	18.3 V 098
(560)	1996 02 14.92188	07 57 03.99	+26 11 36.7	098
(560)	1996 02 14.94270	07 57 03.21	+26 11 41.3	098

(560)	1996 02 15.92940	07 56 30.30	+26 15 46.4	098
(560)	1996 02 15.95119	07 56 29.44	+26 15 51.1	098
(560)	1996 02 23.94757	07 53 07.92	+26 42 45.9	098
(560)	1996 02 23.96840	07 53 07.52	+26 42 49.1	14.0 V 098
(1847)	1996 02 14.92188	07 55 39.81	+26 32 24.8	098
(1847)	1996 02 14.94270	07 55 38.84	+26 32 29.3	098
(1847)	1996 02 15.92940	07 54 58.24	+26 36 47.9	098
(1847)	1996 02 15.95119	07 54 57.32	+26 36 52.2	098
(1847)	1996 02 23.94757	07 50 25.16	+27 06 34.6	098
(1847)	1996 02 23.96840	07 50 24.54	+27 06 38.9	15.0 V 098
(3350)	1996 02 14.92188	07 50 06.05	+24 53 15.4	098
(3350)	1996 02 14.94270	07 50 04.93	+24 53 15.5	098
(3350)	1996 02 15.92940	07 49 19.00	+24 53 40.2	098
(3350)	1996 02 15.95119	07 49 17.63	+24 53 40.0	18.5 V 098
(4473)	1996 02 14.92188	07 52 39.59	+24 12 38.9	098
(4473)	1996 02 14.94270	07 52 38.69	+24 12 36.5	098
(4473)	1996 02 15.92940	07 51 59.18	+24 11 02.7	098
(4473)	1996 02 15.95119	07 51 58.23	+24 10 58.7	17.3 V 098
(5181)	1996 02 14.92188	08 00 03.45	+25 34 20.8	098
(5181)	1996 02 14.94270	08 00 02.39	+25 34 22.8	098
(5181)	1996 02 15.92940	07 59 19.05	+25 36 00.0	098
(5181)	1996 02 15.95119	07 59 18.11	+25 36 01.8	098
(5181)	1996 02 23.94757	07 54 38.34	+25 43 22.7	098
(5181)	1996 02 23.96840	07 54 37.75	+25 43 22.7	16.0 V 098

104 San Marcello Pistoiese

L. Tesi, Osservatorio di Pian dei Termini, Viale Panoramico 45, I-51028 San
Marcello Pistoiese (PT), Italy [iau@arcetri.astro.it]

Observers L. Tesi, A. Boattini

0.40-m $f/5$ reflector + CCD

GSC

1953 GH	1996 08 18.80903	20 58 20.55	-05 37 41.7	16.9 V 104
1953 GH	1996 08 18.81215	20 58 20.38	-05 37 43.4	17.0 V 104
1953 GH	1996 08 18.81771	20 58 20.16	-05 37 46.6	104
1953 GH	1996 08 18.82215	20 58 20.03	-05 37 49.5	104
1979 MJ ₅	1996 08 20.89167	21 01 06.82	-13 03 44.7	18.2 V 104
1979 MJ ₅	1996 08 20.89583	21 01 06.63	-13 03 46.1	104
1979 MJ ₅	1996 08 20.90000	21 01 06.39	-13 03 47.4	104
1981 RM ₃	1996 07 24.91308	20 57 37.42	-12 40 41.9	104
1981 RM ₃	1996 07 24.91806	20 57 37.22	-12 40 42.9	104
1981 RM ₃	1996 07 24.92361	20 57 36.97	-12 40 44.1	104
1987 PA	1996 08 09.95486	22 49 41.85	+13 02 38.8	104
1987 PA	1996 08 09.95833	22 49 41.52	+13 02 47.0	104
1987 PA	1996 08 09.96146	22 49 41.20	+13 02 55.2	104
1988 RE ₁₀	1996 07 23.91528	20 49 35.14	-14 10 19.9	104
1988 RE ₁₀	1996 07 23.91944	20 49 34.95	-14 10 21.0	104
1988 RE ₁₀	1996 07 23.92679	20 49 34.62	-14 10 22.8	104
1989 RS ₁	1996 07 21.90868	21 09 39.79	+04 44 01.2	104
1989 RS ₁	1996 07 21.91250	21 09 40.01	+04 44 03.3	104
1989 RS ₁	1996 07 21.91632	21 09 40.21	+04 44 05.2	104
1989 TT ₁	1996 08 20.92315	21 17 53.29	-06 47 01.6	17.0 V 104
1989 TT ₁	1996 08 20.92743	21 17 53.05	-06 47 03.1	104
1989 TT ₁	1996 08 20.93125	21 17 52.83	-06 47 04.4	104

1991 CS	1996 08 18.13911	00 25 02.64	+53 23 10.0	15.5 V	104	1996 OJ ₂	1996 08 01.83611	20 39 33.80	-13 35 23.1	104
1991 CS	1996 08 18.14028	00 25 03.25	+53 23 04.6		104	1996 OJ ₂	1996 08 01.84063	20 39 33.48	-13 35 22.3	104
1991 CS	1996 08 18.14243	00 25 04.43	+53 22 54.7		104	1996 OJ ₂	1996 08 01.84514	20 39 33.16	-13 35 21.3	104
1991 CS	1996 08 18.14574	00 25 06.21	+53 22 38.4		104	1996 OJ ₂	1996 08 04.89414	20 36 08.57	-13 25 35.5	16.9 V 104
1991 CS	1996 08 18.14715	00 25 06.98	+53 22 31.5		104	1996 OJ ₂	1996 08 04.89791	20 36 08.31	-13 25 34.7	104
1991 CS	1996 08 18.14826	00 25 07.59	+53 22 26.3		104	1996 OJ ₂	1996 08 04.90187	20 36 08.04	-13 25 34.0	104
1994 AX ₂	1996 08 20.84931	20 57 55.48	-10 24 14.3	17.5 V	104	1996 OJ ₂	1996 08 09.90868	20 30 37.10	-13 10 00.5	104
1994 AX ₂	1996 08 20.85382	20 57 55.26	-10 24 14.6		104	1996 OJ ₂	1996 08 09.91285	20 30 36.84	-13 09 59.6	104
1994 AX ₂	1996 08 20.85903	20 57 55.00	-10 24 15.0		104	1996 OJ ₂	1996 08 09.91910	20 30 36.46	-13 09 58.5	104
1994 BH	1996 08 05.09502	21 59 02.18	-16 13 54.7	18.2 V	104	1996 OJ ₂	1996 08 18.85174	20 21 37.49	-12 43 32.3	16.8 V 104
1994 BH	1996 08 05.09799	21 59 01.99	-16 13 56.3		104	1996 OJ ₂	1996 08 18.85440	20 21 37.31	-12 43 31.5	104
1994 BH	1996 08 05.10127	21 59 01.82	-16 13 57.8		104	1996 OJ ₂	1996 08 18.86065	20 21 36.93	-12 43 29.8	104
1994 BH	1996 08 14.93097	21 50 55.70	-17 16 22.5	17.8 V	104	1996 OJ ₂	1996 08 18.86204	20 21 36.84	-12 43 29.5	104
1994 BH	1996 08 14.93495	21 50 55.50	-17 16 24.3		104	1996 OK ₂	1996 08 04.94028	20 02 30.16	-11 41 43.2	18.6 V 104
1994 BH	1996 08 14.93854	21 50 55.32	-17 16 25.9		104	1996 OK ₂	1996 08 04.95104	20 02 29.55	-11 41 45.4	104
1994 BH	1996 08 18.98808	21 47 25.68	-17 41 35.8	17.9 V	104	1996 OL ₂	1996 08 04.86412	20 04 42.53	-11 29 56.6	19.5 V 104
1994 BH	1996 08 18.99907	21 47 25.00	-17 41 41.9		104	1996 OL ₂	1996 08 04.86863	20 04 42.36	-11 29 56.5	19.5 V 104
1994 EZ ₁	1996 08 18.09126	02 39 55.87	+10 16 27.5	18.6 V	104	1996 OL ₂	1996 08 04.87303	20 04 42.13	-11 29 56.9	19.7 V 104
1994 EZ ₁	1996 08 18.10397	02 39 56.11	+10 16 28.3		104	1996 OM ₂	1996 08 04.96314	20 03 01.90	-10 56 32.4	17.9 V 104
1995 DU ₃	1996 07 22.97951	20 19 31.56	-20 11 34.1		104	1996 OM ₂	1996 08 04.96817	20 03 01.60	-10 56 33.5	104
1995 DU ₃	1996 07 22.98438	20 19 31.26	-20 11 35.0		104	1996 OM ₂	1996 08 14.85924	19 54 49.52	-11 08 42.8	17.5 V 104
1995 DU ₃	1996 07 22.98924	20 19 30.93	-20 11 35.9		104	1996 OM ₂	1996 08 14.86215	19 54 49.39	-11 08 43.0	104
1995 DU ₃	1996 07 22.99514	20 19 30.51	-20 11 37.4		104	1996 OM ₂	1996 08 14.86516	19 54 49.24	-11 08 43.4	104
1995 DU ₃	1996 07 23.00347	20 19 29.99	-20 11 38.8		104	1996 OM ₂	1996 08 14.86806	19 54 49.10	-11 08 43.5	104
1995 DU ₃	1996 07 23.95492	20 18 31.58	-20 14 49.4		104	1996 OO ₂	1996 08 05.11105	03 53 47.81	+29 38 51.9	18.7 V 104
1995 DU ₃	1996 07 23.96365	20 18 30.94	-20 14 51.1		104	1996 OO ₂	1996 08 05.11405	03 53 48.19	+29 38 52.5	104
1995 DU ₃	1996 07 23.96806	20 18 30.71	-20 14 52.3		104	1996 OO ₂	1996 08 05.11736	03 53 48.35	+29 38 53.8	104
1996 DV	1996 04 14.80556	10 59 58.21	+12 29 54.2		104	1996 OO ₂	1996 08 05.12032	03 53 48.62	+29 38 55.2	104
1996 DV	1996 04 14.81042	10 59 58.11	+12 29 55.3		104	1996 OO ₂	1996 08 05.12396	03 53 48.89	+29 38 55.8	104
1996 LG	1996 06 17.88756	16 51 03.24	-21 55 39.9		104	1996 OO ₂	1996 08 15.09271	04 06 50.18	+30 43 20.7	18.6 V 104
1996 LG	1996 06 17.89785	16 51 02.55	-21 55 36.8		104	1996 OO ₂	1996 08 15.09549	04 06 50.38	+30 43 22.0	104
1996 LG	1996 06 17.90243	16 51 02.23	-21 55 35.2		104	1996 OP ₂	1996 08 05.06894	21 05 33.21	+03 28 11.7	16.2 V 104
1996 LQ ₁	1996 06 17.85694	16 34 34.40	-14 19 08.7		104	1996 OP ₂	1996 08 05.08495	21 05 32.56	+03 28 00.5	104
1996 LQ ₁	1996 06 17.86146	16 34 34.13	-14 19 08.3		104	1996 OP ₂	1996 08 15.00416	20 59 42.13	+01 14 29.5	16.3 V 104
1996 LQ ₁	1996 06 17.86597	16 34 33.84	-14 19 07.8		104	1996 OP ₂	1996 08 15.00625	20 59 42.05	+01 14 28.0	104
1996 OE ₂	1996 08 05.03785	00 12 24.94	+18 01 33.9	18.0 V	104	1996 OP ₂	1996 08 15.03944	20 59 40.87	+01 13 58.0	104
1996 OE ₂	1996 08 05.04093	00 12 24.91	+18 01 35.1		104	1996 PA	1996 08 15.07569	23 04 40.86	-11 36 11.1	15.3 V 104
1996 OE ₂	1996 08 05.04387	00 12 24.87	+18 01 37.0		104	1996 PA	1996 08 15.07813	23 04 40.95	-11 36 18.6	104
1996 OE ₂	1996 08 05.04657	00 12 24.85	+18 01 38.2		104	1996 PA	1996 08 15.07928	23 04 40.97	-11 36 21.7	104
1996 OE ₂	1996 08 05.05174	00 12 24.81	+18 01 41.0		104	1996 PA	1996 08 15.08079	23 04 41.02	-11 36 26.0	104
1996 OE ₂	1996 08 14.95440	00 09 31.60	+19 06 24.4	17.8 V	104	1996 PW	1996 08 18.89317	22 19 59.60	-15 16 25.3	17.2 V 104
1996 OE ₂	1996 08 14.95876	00 09 31.52	+19 06 26.0		104	1996 PW	1996 08 18.89583	22 19 59.58	-15 16 28.4	104
1996 OE ₂	1996 08 14.96278	00 09 31.45	+19 06 27.3		104	1996 PW	1996 08 18.89750	22 19 59.57	-15 16 30.6	104
1996 OJ ₂	* 1996 07 23.91528	20 49 15.33	-14 05 40.7	17.5 V	104	1996 PW	1996 08 18.90144	22 19 59.54	-15 16 34.5	104
1996 OJ ₂	1996 07 23.91944	20 49 15.02	-14 05 39.9		104	1996 PC ₁	1996 08 18.93369	22 02 31.06	-11 50 46.5	16.2 V 104
1996 OJ ₂	1996 07 23.92679	20 49 14.60	-14 05 38.8		104	1996 PC ₁	1996 08 18.93484	22 02 30.60	-11 50 30.4	104
1996 OJ ₂	1996 07 24.87639	20 48 15.18	-14 02 17.1		104	1996 PC ₁	1996 08 18.93588	22 02 30.08	-11 50 13.8	104
1996 OJ ₂	1996 07 24.88125	20 48 14.86	-14 02 16.4		104	1996 PC ₁	1996 08 18.93819	22 02 29.15	-11 49 35.7	104
1996 OJ ₂	1996 07 24.88611	20 48 14.55	-14 02 15.5		104	1996 PC ₁	1996 08 18.93924	22 02 28.69	-11 49 20.6	104
1996 OJ ₂	1996 07 24.89028	20 48 14.27	-14 02 14.9		104	1996 PD ₃	1996 08 15.05153	22 58 00.26	-13 03 26.8	17.7 V 104
1996 OJ ₂	1996 07 25.88472	20 47 11.18	-13 58 44.9	17.4 V	104	1996 PD ₃	1996 08 15.05509	22 58 00.09	-13 03 28.4	104
1996 OJ ₂	1996 07 25.89028	20 47 10.80	-13 58 44.0		104	1996 PD ₃	1996 08 15.05868	22 57 59.95	-13 03 29.7	104

1996 PD₃ 1996 08 19.01771 22 55 04.65 −13 26 42.0 17.7 V 104
 1996 PD₃ 1996 08 19.02153 22 55 04.49 −13 26 43.1 104
 1996 PD₃ 1996 08 19.02662 22 55 04.21 −13 26 45.2 104

108 Montelupo

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

[iau@arcetri.astro.it]

Observers M. Tombelli, G. Forti

0.30-m *f*/5.7 Schmidt-Cassegrain + CCD

GSC

1988 PL₁ 1996 07 21.89525 18 29 29.60 +03 18 56.6 108
 1988 PL₁ 1996 07 21.92005 18 29 28.18 +03 19 02.4 108
 1988 PL₁ 1996 07 21.92691 18 29 27.64 +03 19 08.2 16.0 V 108
 1988 PL₁ 1996 07 22.90703 18 28 32.49 +03 22 27.3 108
 1988 PL₁ 1996 07 22.91549 18 28 32.08 +03 22 28.1 108
 1988 PL₁ 1996 07 22.92315 18 28 31.68 +03 22 28.3 16.0 V 108
 1988 QU 1996 07 10.88011 16 01 15.38 +00 24 04.6 108
 1988 VS₃ 1996 07 10.94520 18 47 55.04 −11 43 59.0 108
 1988 VS₃ 1996 07 10.95553 18 47 54.33 −11 43 56.9 108
 1988 VS₃ 1996 07 10.96589 18 47 53.76 −11 43 56.7 16.0 V 108
 1988 VS₃ 1996 07 13.91174 18 45 07.36 −11 36 54.4 108
 1988 VS₃ 1996 07 13.94592 18 45 05.36 −11 36 48.9 108
 1988 VS₃ 1996 07 13.96179 18 45 04.50 −11 36 47.5 16.1 V 108
 1988 VS₃ 1996 07 21.85447 18 38 07.94 −11 22 36.2 108
 1988 VS₃ 1996 07 21.86580 18 38 07.30 −11 22 35.0 16.3 V 108
 1988 VS₃ 1996 07 22.86568 18 37 18.88 −11 21 13.6 108
 1988 VS₃ 1996 07 22.87380 18 37 18.49 −11 21 13.0 108
 1988 VS₃ 1996 07 22.88422 18 37 17.87 −11 21 12.5 16.4 V 108
 1991 CS 1996 08 02.91526 23 01 36.77 +59 49 55.6 108
 1991 CS 1996 08 02.93041 23 01 39.02 +59 49 53.7 108
 1991 CS 1996 08 02.94336 23 01 41.70 +59 49 51.0 108
 1991 CS 1996 08 02.97289 23 01 46.76 +59 49 46.8 17.5 V 108
 1991 CS 1996 08 03.97441 23 05 02.73 +59 45 05.9 108
 1991 CS 1996 08 03.98556 23 05 04.67 +59 45 05.3 108
 1991 CS 1996 08 09.93139 23 29 03.97 +58 43 05.7 108
 1991 CS 1996 08 09.93845 23 29 05.79 +58 42 59.9 108
 1991 CS 1996 08 09.95362 23 29 09.93 +58 42 45.4 16.8 V 108
 1994 BF 1996 08 10.05428 01 13 29.38 +00 50 42.6 108
 1994 BF 1996 08 10.06080 01 13 29.59 +00 50 41.2 108
 1994 BF 1996 08 10.08666 01 13 30.43 +00 50 35.7 108
 1994 BF 1996 08 10.09787 01 13 30.85 +00 50 33.7 108
 1994 BF 1996 08 10.10742 01 13 31.05 +00 50 31.8 16.5 V 108
 1994 BF 1996 08 13.99716 01 15 24.93 +00 37 57.3 108
 1994 BF 1996 08 14.05178 01 15 26.44 +00 37 45.2 108
 1994 BF 1996 08 14.07341 01 15 26.86 +00 37 40.4 16.5 V 108
 1994 BF 1996 08 18.02495 01 16 58.35 +00 21 30.1 108
 1994 BF 1996 08 18.06389 01 16 59.16 +00 21 19.2 17.0 V 108
 1994 BH 1996 08 12.94968 21 52 37.04 −17 03 52.3 108
 1994 BH 1996 08 12.97815 21 52 35.65 −17 04 05.3 17.7 V 108
 1994 BH 1996 08 13.86396 21 51 50.59 −17 09 41.2 108
 1994 BH 1996 08 13.88958 21 51 49.20 −17 09 48.1 108
 1994 BH 1996 08 13.98273 21 51 44.32 −17 10 25.1 17.5 V 108
 1994 BH 1996 08 17.93101 21 48 20.60 −17 35 06.9 108

1994 BH 1996 08 17.95741 21 48 19.20 −17 35 16.0 17.3 V 108
 1994 BJ 1996 08 05.87900 21 50 29.43 −16 36 20.2 108
 1994 BJ 1996 08 05.88883 21 50 29.15 −16 36 28.8 108
 1994 BJ 1996 08 05.89404 21 50 28.95 −16 36 30.8 108
 1994 BJ 1996 08 05.90632 21 50 28.37 −16 36 39.9 15.3 V 108
 1994 BJ 1996 08 06.86713 21 49 48.81 −16 48 28.3 108
 1994 BJ 1996 08 06.87662 21 49 48.31 −16 48 35.3 108
 1994 BJ 1996 08 06.89774 21 49 47.44 −16 48 51.8 15.1 V 108
 1994 BJ 1996 08 09.85398 21 47 40.39 −17 25 30.9 108
 1994 BJ 1996 08 09.86843 21 47 40.05 −17 25 36.9 108
 1994 BJ 1996 08 09.88333 21 47 39.33 −17 25 47.9 15.0 V 108
 1994 BJ 1996 08 09.90486 21 47 38.50 −17 26 04.4 108
 1994 BJ 1996 08 10.86771 21 46 55.76 −17 38 01.6 108
 1994 BJ 1996 08 10.88641 21 46 54.93 −17 38 16.1 108
 1994 BJ 1996 08 10.97066 21 46 51.05 −17 39 18.7 108
 1994 BJ 1996 08 10.98396 21 46 50.24 −17 39 31.6 15.0 V 108
 1994 BJ 1996 08 12.86910 21 45 25.50 −18 02 55.0 108
 1994 BJ 1996 08 12.93345 21 45 22.47 −18 03 41.7 108
 1994 BJ 1996 08 12.96354 21 45 21.07 −18 04 04.3 15.0 V 108
 1994 BJ 1996 08 13.85868 21 44 40.31 −18 15 09.0 108
 1994 BJ 1996 08 13.88414 21 44 39.13 −18 15 29.8 108
 1994 BJ 1996 08 13.97517 21 44 34.62 −18 16 36.8 15.0 V 108
 1994 BJ 1996 08 14.87859 21 43 53.20 −18 27 48.9 108
 1994 BJ 1996 08 14.96475 21 43 49.13 −18 28 52.7 15.0 V 108
 1994 BJ 1996 08 16.00104 21 43 00.86 −18 41 36.7 108
 1994 BJ 1996 08 16.01493 21 43 00.13 −18 41 46.9 108
 1994 BJ 1996 08 16.03704 21 42 59.19 −18 42 03.9 15.0 V 108
 1994 BJ 1996 08 17.83941 21 41 35.48 −19 04 05.3 108
 1994 BJ 1996 08 17.85174 21 41 34.82 −19 04 15.1 15.0 V 108
 1994 BJ 1996 08 23.93378 21 36 53.37 −20 16 15.9 108
 1994 BJ 1996 08 23.95972 21 36 52.33 −20 16 35.4 15.0 V 108
 1994 PC 1996 08 10.00192 23 54 12.32 −18 37 56.1 108
 1994 PC 1996 08 10.01017 23 54 14.23 −18 38 16.5 108
 1994 PC 1996 08 10.03553 23 54 19.96 −18 39 10.8 108
 1994 PC 1996 08 10.04339 23 54 21.71 −18 39 27.9 15.5 V 108
 1995 DD₂ 1996 07 16.89146 17 37 10.16 −08 27 28.8 108
 1995 DD₂ 1996 07 16.90923 17 37 09.58 −08 27 35.1 108
 1995 DD₂ 1996 07 16.92991 17 37 08.78 −08 27 40.1 16.0 V 108
 1996 PA 1996 08 09.96146 23 01 59.10 −07 22 30.8 108
 1996 PA 1996 08 09.98108 23 01 59.76 −07 23 29.7 108
 1996 PA 1996 08 09.98328 23 01 59.81 −07 23 35.9 108
 1996 PA 1996 08 09.98927 23 01 59.93 −07 23 52.7 108
 1996 PA 1996 08 09.99671 23 02 00.21 −07 24 14.9 15.2 V 108
 1996 PA 1996 08 10.01986 23 02 00.91 −07 25 23.2 108
 1996 PA 1996 08 10.02845 23 02 01.12 −07 25 49.3 108
 1996 PA 1996 08 10.90544 23 02 33.95 −08 08 56.3 108
 1996 PA 1996 08 10.92338 23 02 34.37 −08 09 50.5 108
 1996 PA 1996 08 10.95046 23 02 35.21 −08 11 11.8 15.3 V 108
 1996 PA 1996 08 12.89745 23 03 39.96 −09 47 40.5 108
 1996 PA 1996 08 12.90565 23 03 40.28 −09 48 05.5 108
 1996 PW 1996 08 19.87055 22 19 52.75 −15 34 53.3 108
 1996 PW 1996 08 19.94722 22 19 52.20 −15 36 22.1 108

1996 PW	1996 08 19.96186	22 19 52.07	-15 36 40.9		108
1996 PC ₁	1996 08 16.00451	22 19 06.21	-22 38 12.8	16.8 V	108
1996 PC ₁	1996 08 16.01140	22 19 03.93	-22 36 55.9		108
1996 PC ₁	1996 08 23.85272	21 27 52.12	+12 39 17.0		108
1996 PC ₁	1996 08 23.85860	21 27 49.21	+12 41 13.6		108
1996 PC ₁	1996 08 23.86007	21 27 48.50	+12 41 42.4		108
1996 PC ₁	1996 08 23.86655	21 27 45.13	+12 43 47.4	17.0 V	108
1996 PG ₁	* 1996 08 10.86771	21 47 33.99	-17 37 28.6		108
1996 PG ₁	1996 08 10.88641	21 47 32.74	-17 37 32.6		108
1996 PG ₁	1996 08 10.97066	21 47 27.59	-17 37 44.8		108
1996 PG ₁	1996 08 10.98396	21 47 26.66	-17 37 46.5	16.5 V	108
1996 PG ₁	1996 08 12.88003	21 45 34.51	-17 42 45.6		108
1996 PG ₁	1996 08 12.93628	21 45 31.22	-17 42 54.3		108
1996 PG ₁	1996 08 12.95975	21 45 29.80	-17 43 00.6	16.5 V	108
1996 PG ₁	1996 08 13.85255	21 44 36.85	-17 45 12.0		108
1996 PG ₁	1996 08 13.87070	21 44 35.54	-17 45 15.2		108
1996 PG ₁	1996 08 13.88067	21 44 35.11	-17 45 16.7		108
1996 PG ₁	1996 08 13.95920	21 44 30.13	-17 45 28.2		108
1996 PG ₁	1996 08 13.96961	21 44 29.47	-17 45 30.9	16.5 V	108
1996 PG ₁	1996 08 14.96918	21 43 29.86	-17 47 58.2	16.5 V	108
1996 PG ₁	1996 08 15.01930	21 43 26.72	-17 48 04.9		108
1996 PG ₁	1996 08 15.99520	21 42 28.49	-17 50 25.3		108
1996 PG ₁	1996 08 16.03301	21 42 26.27	-17 50 26.9	16.5 V	108
1996 PG ₁	1996 08 17.83538	21 40 39.63	-17 54 26.3		108
1996 PG ₁	1996 08 17.84789	21 40 38.86	-17 54 28.4		108
1996 PG ₁	1996 08 17.94229	21 40 32.98	-17 54 42.1		108
1996 PG ₁	1996 08 17.96319	21 40 31.74	-17 54 44.9	17.0 V	108
1996 PG ₁	1996 08 19.83947	21 38 42.10	-17 58 32.5		108
1996 PG ₁	1996 08 19.91032	21 38 37.67	-17 58 39.2		108
1996 PG ₁	1996 08 19.92186	21 38 37.01	-17 58 41.4		108
1996 PG ₁	1996 08 19.93261	21 38 36.44	-17 58 44.8	17.4 V	108
1996 PG ₁	1996 08 23.89884	21 34 51.09	-18 05 23.2		108
1996 PG ₁	1996 08 23.91580	21 34 50.35	-18 05 23.9		108
1996 PG ₁	1996 08 23.94738	21 34 48.43	-18 05 25.1	16.5 V	108
1996 PD ₃	* 1996 08 13.90683	22 58 48.29	-12 56 48.4		108
1996 PD ₃	1996 08 13.92097	22 58 47.72	-12 56 54.5		108
1996 PD ₃	1996 08 13.93302	22 58 47.23	-12 56 58.9		108
1996 PD ₃	1996 08 13.95104	22 58 46.55	-12 57 07.0	17.7 V	108
1996 PD ₃	1996 08 14.91968	22 58 05.98	-13 02 41.9		108
1996 PD ₃	1996 08 14.94263	22 58 05.20	-13 02 48.2		108
1996 PD ₃	1996 08 15.02400	22 58 01.51	-13 03 17.8	17.5 V	108
1996 PD ₃	1996 08 15.94550	22 57 22.09	-13 08 39.0		108
1996 PD ₃	1996 08 15.96442	22 57 21.35	-13 08 45.6		108
1996 PD ₃	1996 08 15.97347	22 57 20.88	-13 08 52.1		108
1996 PD ₃	1996 08 16.04368	22 57 17.75	-13 09 16.9		108
1996 PD ₃	1996 08 23.99622	22 51 06.89	-13 56 06.2		108
1996 PD ₃	1996 08 24.01482	22 51 05.85	-13 56 12.2	17.5 V	108
1996 PJ ₅	* 1996 08 15.99340	21 42 04.78	-17 55 00.8		108
1996 PJ ₅	1996 08 16.03201	21 42 02.60	-17 55 00.4	17.5 V	108
1996 PJ ₅	1996 08 17.83538	21 40 26.22	-17 55 25.8		108
1996 PJ ₅	1996 08 17.84789	21 40 25.49	-17 55 25.6		108
1996 PJ ₅	1996 08 17.94229	21 40 20.57	-17 55 25.5		108

1996 PJ ₅	1996 08 17.96319	21 40 19.17	-17 55 25.4	17.5 V	108
1996 PJ ₅	1996 08 19.83947	21 38 39.37	-17 55 38.6		108
1996 PJ ₅	1996 08 19.91032	21 38 35.40	-17 55 39.6		108
1996 PJ ₅	1996 08 19.92186	21 38 34.85	-17 55 41.0		108
1996 PJ ₅	1996 08 19.93261	21 38 34.29	-17 55 41.5	17.7 V	108
1996 PJ ₅	1996 08 23.92802	21 35 04.35	-17 55 21.9		108
1996 PJ ₅	1996 08 23.95609	21 35 02.79	-17 55 22.8	17.5 V	108
(808)	1996 08 03.87789	21 07 06.86	-11 07 24.5		108
(808)	1996 08 03.90574	21 07 05.45	-11 07 32.3		108
(808)	1996 08 03.91128	21 07 05.15	-11 07 33.3	14.0 V	108
(2861)	1996 08 06.87083	20 57 10.57	-11 25 59.9		108
(2861)	1996 08 06.89084	20 57 09.37	-11 26 06.1		108
(2861)	1996 08 06.93078	20 57 07.15	-11 26 17.4	15.5 V	108
(2938)	1996 07 12.86400	16 35 25.34	+09 23 39.6		108
(2938)	1996 07 12.88017	16 35 24.77	+09 23 29.3	16.5 V	108
(2938)	1996 07 12.89303	16 35 24.28	+09 23 19.4		108
(2938)	1996 07 13.90162	16 34 49.07	+09 11 45.4		108
(2938)	1996 07 13.92473	16 34 48.04	+09 11 30.7		108
(2938)	1996 07 13.93347	16 34 47.86	+09 11 23.3	16.6 V	108
(4179)	1996 08 02.99271	20 27 27.10	-19 08 00.9		108
(4179)	1996 08 02.99884	20 27 26.35	-19 08 02.0		108
(4179)	1996 08 03.00583	20 27 25.75	-19 08 04.3		108
(4179)	1996 08 03.01198	20 27 25.10	-19 08 08.5	14.2 V	108
(4179)	1996 08 04.01892	20 25 40.51	-19 14 52.4		108
(4179)	1996 08 04.02620	20 25 39.72	-19 14 54.5		108
(4179)	1996 08 04.03596	20 25 38.65	-19 14 57.7	14.5 V	108
(5626)	1996 08 02.87163	21 04 29.09	-10 37 40.3		108
(5626)	1996 08 02.89155	21 04 27.82	-10 37 47.0		108
(5626)	1996 08 02.89867	21 04 27.29	-10 37 51.1	16.0 V	108
(5626)	1996 08 03.89592	21 03 20.36	-10 44 01.7		108
(5626)	1996 08 03.93316	21 03 17.71	-10 44 13.8		108
(5626)	1996 08 03.94465	21 03 16.89	-10 44 19.4	16.0 V	108
(7080)	1996 07 16.85894	17 46 33.89	-13 07 59.9		108
(7080)	1996 07 16.87014	17 46 33.33	-13 08 03.0	17.5 V	108
(7089)	1996 07 16.90382	18 05 25.54	-09 55 24.5		108

113 Volkssternwarte Drebach, Schönbrunn

G. Lehmann, Volkssternwarte Drebach, D-09430 Drebach, Germany

[lehmann@stw-drebach.zp.sn.schule.de]

Observer J. Kandler

Measurers J. Kandler, G. Lehmann

0.14-m *f*/3.5 camera

PPM

1989 AL ₇	1996 07 21.96348	21 54 25.02	-11 44 03.1	17.5 V	113
1989 AL ₇	1996 07 21.97631	21 54 24.57	-11 44 05.7	17.4 V	113
1989 AL ₇	1996 07 21.98376	21 54 24.35	-11 44 07.6	17.2 V	113
1989 AL ₇	1996 07 22.91576	21 53 54.14	-11 47 34.5	17.6 V	113
1989 AL ₇	1996 07 22.92462	21 53 53.84	-11 47 35.5	17.6 V	113
1989 AL ₇	1996 07 22.93204	21 53 53.59	-11 47 38.3	17.6 V	113

118 Modra

A. Galád, AGO MFF UK, P.O. Box 4, SK-90001 Modra, Slovakia

[ago_modra@center.fmph.uniba.sk]

Observers A. Galád, Š. Gajdoš, D. Kalmančok, A. Pravda, L. Kornoš, P. Kolény
 Measurer A. Galád
 0.6-m $f/5.5$ reflector + CCD
 GSC

1979 QV ₁	1996 08 24.88721	20 54 22.00	-16 27 35.2		118
1979 QV ₁	1996 08 24.91579	20 54 20.42	-16 27 36.3		118
1979 QV ₁	1996 08 24.95624	20 54 18.29	-16 27 38.2	18.6 R	118
1979 QV ₁	1996 08 25.90657	20 53 29.03	-16 28 20.2		118
1979 QV ₁	1996 08 25.91363	20 53 28.74	-16 28 20.7	18.4 R	118
1991 CS	1996 08 02.01799	22 58 48.20	+59 53 08.4		118
1991 CS	1996 08 02.02213	22 58 48.89	+59 53 07.8		118
1992 QN	1996 08 10.00201	01 29 14.84	+04 52 29.7		118
1992 QN	1996 08 10.02682	01 29 14.32	+04 52 38.2	18.7 R	118
1992 QN	1996 08 10.98860	01 28 56.48	+04 57 58.8	18.6 R	118
1992 QN	1996 08 11.01850	01 28 55.82	+04 58 08.2		118
1995 AO ₁	1996 08 01.98439	19 33 47.17	-07 08 02.0	19.2 R	118
1995 AO ₁	1996 08 01.99087	19 33 46.81	-07 08 02.4		118
1995 BU	1996 08 01.90082	17 05 34.99	-03 58 38.6	18.8 R	118
1995 BU	1996 08 01.91084	17 05 34.94	-03 58 46.3		118
1996 EN	1996 08 09.83689	13 17 35.06	+46 40 42.0	17.8 R	118
1996 EN	1996 08 09.83876	13 17 35.36	+46 40 39.8		118
1996 EN	1996 08 09.84404	13 17 36.42	+46 40 34.9		118
1996 EN	1996 08 20.81709	13 55 49.28	+42 10 25.9	17.2 R	118
1996 JA	1996 06 14.86337	12 32 04.63	+04 38 59.6	V	118
1996 JA	1996 06 14.87302	12 32 04.92	+04 38 55.0	V	118
1996 JA	1996 06 14.88727	12 32 05.39	+04 38 47.2	V	118
1996 JA	1996 06 15.86508	12 32 39.86	+04 28 19.2	V	118
1996 JA	1996 06 15.86924	12 32 40.09	+04 28 18.2	V	118
1996 NB	1996 07 14.97613	21 22 44.58	-11 25 47.2		118
1996 NB	1996 07 14.97965	21 22 44.45	-11 25 47.9	18.7 R	118
1996 NB	1996 07 14.98420	21 22 44.33	-11 25 49.9		118
1996 NB	1996 07 16.95926	21 21 41.91	-11 37 56.9	18.6 R	118
1996 NB	1996 07 16.96268	21 21 41.76	-11 37 58.7		118
1996 NB	1996 07 16.96844	21 21 41.60	-11 38 01.0		118
1996 NB	1996 07 20.01659	21 19 57.15	-11 57 44.1		118
1996 NB	1996 07 20.02003	21 19 57.03	-11 57 45.5		118
1996 NB	1996 07 20.02448	21 19 56.88	-11 57 47.6		118
1996 NB	1996 07 23.00249	21 18 06.57	-12 18 07.9	18.6 R	118
1996 NB	1996 07 23.01191	21 18 06.21	-12 18 12.4		118
1996 NB	1996 07 27.04976	21 15 25.41	-12 47 14.9	r	118
1996 NB	1996 07 27.05441	21 15 25.19	-12 47 17.3	18.4 R	r 118
1996 NB	1996 08 06.90104	21 07 32.50	-14 10 43.0	18.2 R	118
1996 NB	1996 08 06.90444	21 07 32.33	-14 10 44.5		118
1996 NB	1996 08 06.90613	21 07 32.29	-14 10 45.6		118
1996 NB	1996 08 09.88425	21 05 18.37	-14 34 19.4		118
1996 NB	1996 08 09.88754	21 05 18.20	-14 34 20.9		118
1996 NB	1996 08 10.91876	21 04 32.02	-14 42 29.7		118
1996 NB	1996 08 10.92418	21 04 31.80	-14 42 32.3	18.6 R	118
1996 NB	1996 08 19.94220	20 58 03.35	-15 52 26.1		118
1996 NB	1996 08 19.95411	20 58 02.83	-15 52 31.8	18.8 R	118
1996 NB	1996 08 22.92927	20 56 05.40	-16 14 35.7		118
1996 NB	1996 08 22.93608	20 56 05.12	-16 14 39.3		118

1996 NB	1996 08 22.94031	20 56 04.93	-16 14 40.3	18.8 R	118
1996 NB	1996 08 23.92755	20 55 27.60	-16 21 50.4		118
1996 NB	1996 08 23.93456	20 55 27.30	-16 21 53.4		118
1996 NB	1996 08 24.92917	20 54 50.59	-16 29 00.5		118
1996 NB	1996 08 24.93241	20 54 50.44	-16 29 01.9		118
1996 PA	1996 08 08.93519	23 01 19.09	-06 32 23.6	15.9 R	r 118
1996 PA	1996 08 08.93857	23 01 19.21	-06 32 33.7		r 118
1996 PA	1996 08 08.94319	23 01 19.38	-06 32 46.9		r 118
1996 PA	1996 08 09.94624	23 01 58.28	-07 21 47.0		118
1996 PA	1996 08 09.94883	23 01 58.35	-07 21 54.9		118
1996 PA	1996 08 09.95108	23 01 58.44	-07 22 01.8	15.7 R	118
1996 PA	1996 08 10.94988	23 02 35.09	-08 11 09.7		118
1996 PA	1996 08 10.95140	23 02 35.14	-08 11 13.9	16.0 R	118
1996 PK	* 1996 08 09.98551	01 28 42.77	+08 51 21.7		118
1996 PK	1996 08 10.01223	01 28 43.23	+08 51 26.2	18.3 R	118
1996 PK	1996 08 10.01869	01 28 43.33	+08 51 27.6		118
1996 PK	1996 08 10.97998	01 28 58.21	+08 53 48.0	18.4 R	118
1996 PK	1996 08 11.00792	01 28 58.61	+08 53 51.8		118
1996 PK	1996 08 11.01169	01 28 58.67	+08 53 52.8		118
1996 PK	1996 08 12.04468	01 29 13.02	+08 56 16.1		118
1996 PK	1996 08 12.05824	01 29 13.17	+08 56 17.5		118
1996 PK	1996 08 12.07002	01 29 13.25	+08 56 19.5	18.6 R	118
1996 PK	1996 08 19.96782	01 30 07.46	+09 09 32.7		r 118
1996 PK	1996 08 20.02946	01 30 07.43	+09 09 37.2	18.6 R	r 118
1996 PK	1996 08 23.00391	01 30 01.21	+09 12 14.0		118
1996 PK	1996 08 23.06661	01 30 00.87	+09 12 16.7	18.1 R	118
1996 PK	1996 08 25.06318	01 29 48.42	+09 13 18.4	18.5 R	118
1996 PK	1996 08 25.10231	01 29 48.04	+09 13 19.4		118
1996 PW	1996 08 21.97808	22 19 37.27	-16 14 39.4		r 118
1996 PW	1996 08 21.98534	22 19 37.21	-16 14 47.4		r 118
1996 PW	1996 08 21.99176	22 19 37.15	-16 14 54.8	17.7 R	r 118
1996 PW	1996 08 22.98350	22 19 29.62	-16 33 31.6	17.8 R	118
1996 PW	1996 08 22.98552	22 19 29.59	-16 33 33.7		118
1996 PW	1996 08 22.98728	22 19 29.57	-16 33 35.5		118
1996 PW	1996 08 24.02463	22 19 21.55	-16 52 58.2		118
1996 PW	1996 08 24.03023	22 19 21.48	-16 53 04.1	17.7 R	118
1996 PW	1996 08 24.99412	22 19 14.05	-17 10 59.4		118
1996 PW	1996 08 25.01185	22 19 13.88	-17 11 20.1	17.5 R	118
1996 PW	1996 08 25.04301	22 19 13.64	-17 11 53.9		118
1996 PC ₁	1996 08 21.95650	21 42 12.69	+02 31 29.4		118
1996 PC ₁	1996 08 21.95757	21 42 12.21	+02 31 49.1		118
1996 PC ₁	1996 08 21.95845	21 42 11.80	+02 32 05.6	16.4 R	118
1996 PC ₁	1996 08 21.95936	21 42 11.39	+02 32 22.8		118
1996 PC ₁	1996 08 21.96031	21 42 10.94	+02 32 40.7		118
1996 PC ₁	1996 08 21.96126	21 42 10.50	+02 32 58.4		118
1996 PC ₁	1996 08 22.96480	21 34 42.70	+07 51 32.2	16.1 R	118
1996 PC ₁	1996 08 22.96604	21 34 42.10	+07 51 56.5		118
1996 PC ₁	1996 08 22.96766	21 34 41.32	+07 52 27.6		118
1996 PC ₁	1996 08 22.96891	21 34 40.71	+07 52 51.6		118
1996 PC ₁	1996 08 22.97001	21 34 40.19	+07 53 13.0		118
1996 PC ₁	1996 08 24.00339	21 26 35.45	+13 28 10.5		118
1996 PC ₁	1996 08 24.00564	21 26 34.31	+13 28 54.7		118

1996 PC ₁	1996 08 24.00781	21 26 33.21	+13 29 37.1		118
1996 PC ₁	1996 08 24.00994	21 26 32.15	+13 30 18.4	16.9 R	118
1996 QO ₁	* 1996 08 22.92927	20 56 01.79	-16 15 18.0		118
1996 QO ₁	1996 08 22.93608	20 56 01.51	-16 15 20.6	19.2 R	118
1996 QO ₁	1996 08 22.94031	20 56 01.39	-16 15 21.2		118
1996 QO ₁	1996 08 23.90422	20 55 19.78	-16 21 02.1		118
1996 QO ₁	1996 08 23.92226	20 55 19.00	-16 21 08.6		118
1996 QO ₁	1996 08 23.93456	20 55 18.51	-16 21 13.6	19.2 R	118
1996 QO ₁	1996 08 24.88721	20 54 38.82	-16 26 43.8		118
1996 QO ₁	1996 08 24.91579	20 54 37.61	-16 26 53.9	19.1 R	118
1996 QO ₁	1996 08 24.95624	20 54 35.79	-16 27 07.9		118
(1685)	1996 07 23.90768	00 08 42.27	+31 11 01.1		118
(1685)	1996 07 23.91091	00 08 43.70	+31 11 21.6	13.3 R	118
(1685)	1996 07 23.91393	00 08 45.03	+31 11 40.7		118
(1685)	1996 07 23.91624	00 08 46.04	+31 11 55.3		118
(1685)	1996 07 28.03769	00 43 25.45	+38 25 50.4		118
(1685)	1996 07 28.04241	00 43 28.09	+38 26 20.3		118
(1685)	1996 07 28.04757	00 43 30.98	+38 26 52.9		118
(1685)	1996 08 02.03964	01 39 13.36	+46 36 34.8		118
(1685)	1996 08 02.04873	01 39 20.26	+46 37 24.1		118
(1685)	1996 08 02.05118	01 39 22.12	+46 37 37.3		118
(1922)	1996 08 01.82584	14 20 18.43	+04 16 30.6		118
(1922)	1996 08 01.82946	14 20 18.81	+04 16 31.4		118
(2861)	1996 08 14.96339	20 49 55.68	-12 07 25.3		118
(2861)	1996 08 14.98772	20 49 54.38	-12 07 33.1		118
(2938)	1996 08 01.84586	16 27 31.91	+05 16 19.2		118
(2938)	1996 08 01.85567	16 27 31.80	+05 16 12.0		118
(3012)	1996 08 06.97177	22 52 49.75	-19 19 08.0		118
(3012)	1996 08 06.97609	22 52 49.55	-19 19 08.3	16.2 R	118
(3012)	1996 08 09.96186	22 50 37.18	-19 24 05.7		118
(3012)	1996 08 09.96868	22 50 36.87	-19 24 06.7	16.5 R	118
(3354)	1996 08 07.00532	01 50 39.84	+17 24 21.8	17.1 R	118
(3354)	1996 08 07.01016	01 50 40.01	+17 24 24.0		118
(3354)	1996 08 10.04389	01 52 31.01	+17 47 05.6		118
(3354)	1996 08 10.05043	01 52 31.23	+17 47 08.5	17.2 R	118
(3493)	1996 07 21.97355	19 04 16.77	-20 34 51.9		118
(3493)	1996 07 21.98196	19 04 16.27	-20 34 55.0		118
(3535)	1996 07 22.02973	21 21 13.44	-13 25 20.9		118
(3535)	1996 07 22.03748	21 21 13.07	-13 25 22.3		118
(3753)	1996 08 20.11272	03 31 42.53	-08 56 36.3		118
(3753)	1996 08 20.11554	03 31 42.94	-08 56 40.1		118
(3753)	1996 08 20.11692	03 31 42.99	-08 56 41.9		118
(3753)	1996 08 21.10235	03 33 35.51	-09 13 23.6	17.6 R	118
(3753)	1996 08 22.09297	03 35 28.24	-09 30 38.5		118
(3753)	1996 08 22.09653	03 35 28.65	-09 30 42.3		118
(3753)	1996 08 22.09826	03 35 28.84	-09 30 44.1		118
(3817)	1996 07 21.91737	18 14 39.15	-18 57 18.1		118
(3817)	1996 07 21.93009	18 14 38.63	-18 57 20.4		118
(3817)	1996 07 22.94061	18 14 02.49	-19 00 26.4	16.5 R	118
(3817)	1996 07 24.89780	18 12 58.23	-19 06 23.9		118
(4187)	1996 08 07.04583	01 28 09.23	+08 53 43.2	18.4 R	r 118
(4187)	1996 08 07.06051	01 28 09.40	+08 53 44.2		r 118

(4187)	1996 08 09.98551	01 28 33.56	+08 55 06.0		118
(4187)	1996 08 10.01223	01 28 33.73	+08 55 06.9	18.3 R	118
(4187)	1996 08 10.01869	01 28 33.76	+08 55 07.0		118
(4187)	1996 08 10.97998	01 28 39.70	+08 55 21.3	18.3 R	118
(4187)	1996 08 11.00792	01 28 39.75	+08 55 21.7		118
(4187)	1996 08 11.01169	01 28 39.83	+08 55 21.4		118
(4187)	1996 08 12.07002	01 28 44.99	+08 55 30.2		118
(4187)	1996 08 12.07380	01 28 44.99	+08 55 30.0	18.2 R	118
(4197)	1996 08 07.02649	01 42 32.85	+06 13 03.1	17.8 R	118
(4197)	1996 08 07.03586	01 42 33.39	+06 13 07.4		118
(4197)	1996 08 10.06596	01 45 26.80	+06 36 10.6		118
(4197)	1996 08 10.06907	01 45 26.96	+06 36 11.9	17.6 R	118
(5143)	1996 08 11.06326	02 35 40.56	+25 29 01.1	18.1 R	118
(5143)	1996 08 11.07226	02 35 40.88	+25 29 05.2		118
(5143)	1996 08 20.06646	02 40 16.88	+26 33 14.9		118
(5143)	1996 08 20.07767	02 40 17.16	+26 33 19.5	17.8 R	118
(5143)	1996 08 21.05491	02 40 41.20	+26 40 12.5		118
(5261)	1996 08 20.09355	03 53 27.97	+39 33 07.9	18.6 R	118
(5261)	1996 08 20.10102	03 53 29.16	+39 33 09.3		118
(5261)	1996 08 21.07543	03 56 11.76	+39 36 22.6		118
(5626)	1996 08 02.06804	21 05 21.28	-10 32 52.3		118
(5626)	1996 08 02.07573	21 05 20.72	-10 32 55.1		118
(5626)	1996 08 14.96339	20 49 53.36	-12 05 00.0		118
(5626)	1996 08 14.98772	20 49 51.45	-12 05 12.1		118
(5751)	1996 08 09.91806	21 51 32.50	-21 38 46.6	19.5 R	118
(5751)	1996 08 09.93106	21 51 31.70	-21 38 54.7		118
(6500)	1996 08 20.00804	01 47 44.77	+13 03 40.3		118
(6500)	1996 08 20.01281	01 47 45.02	+13 03 37.5	16.0 R	118
(6500)	1996 08 20.97610	01 48 36.75	+12 53 59.0		118

122 Pises Observatory

C. Cavadore, 20 Rue du Pic de Lanoux, F-31500 Toulouse, France

[ccavadore@practique.fr]

Observers C. Cavadore, M. Deldem, B. Gaillard, A. Maury

0.40-m reflector + CCD

1996 PW	1996 08 18.10902	22 20 04.59	-15 01 32.8		122
1996 PW	1996 08 18.11389	22 20 04.54	-15 01 38.1	18.2	122
1996 PW	1996 08 18.11597	22 20 04.53	-15 01 40.6		122

327 Peking Observatory, Xinglong Station

J. Zhu, Peking Astronomical Observatory, Chinese Academy of Sciences,

Zhongguancun, Peking 100080, Peoples Republic of China

[jinzhu@sun.ihep.ac.cn]

Observers J. Zhu, Y. J. Chen, C. M. Ma, X. Zhou, Y. P. Li, R. Chen, Z. H. Shang

Measurers Y. J. Chen, Y. P. Li, J. Zhu, C. M. Ma

0.60-m Schmidt + CCD

1991 JY ₁	1996 07 21.80701	03 21 31.21	+20 45 03.2		327
1991 JY ₁	1996 07 21.81197	03 21 31.68	+20 45 03.0		327
1991 JY ₁	1996 07 21.81678	03 21 32.16	+20 45 02.5	18.6 V	327
1991 JY ₁	1996 07 21.82117	03 21 32.61	+20 45 03.0		327
1991 RN ₁₀	1996 07 20.80784	03 23 11.03	+21 06 51.3	18.0 V	327
1991 RN ₁₀	1996 07 20.81218	03 23 11.43	+21 06 53.3		327
1991 RN ₁₀	1996 07 20.81653	03 23 11.80	+21 06 55.0		327

1994 AJ	1996 08 13.64544	21 07 05.72	-20 42 58.2	15.7 V	327	1996 OU ₁	1996 07 21.74742	21 26 56.34	-17 20 44.0	327
1994 AJ	1996 08 13.65993	21 07 05.03	-20 43 08.6		327	1996 OV ₁	* 1996 07 20.72997	21 27 49.38	-17 54 01.4	327
1994 AJ	1996 08 13.67427	21 07 04.39	-20 43 17.3		327	1996 OV ₁	1996 07 20.73866	21 27 48.96	-17 54 00.9	327
1994 AJ	1996 08 13.69213	21 07 03.51	-20 43 30.4		327	1996 OV ₁	1996 07 20.74751	21 27 48.48	-17 54 00.9	327
1995 OL ₁	1996 07 20.80784	03 21 32.21	+20 55 24.3	21.1 V	327	1996 OV ₁	1996 07 20.75618	21 27 48.05	-17 54 00.0	19.7 327
1995 OL ₁	1996 07 20.81218	03 21 32.60	+20 55 26.2		327	1996 OV ₁	1996 07 21.73815	21 26 59.89	-17 53 27.0	19.5 327
1996 LO	1996 08 13.60079	17 45 20.67	-11 50 22.6		327	1996 OV ₁	1996 07 21.74742	21 26 59.41	-17 53 26.3	327
1996 LO	1996 08 13.60959	17 45 20.58	-11 50 25.1	17.8 V	327	1996 OW ₁	* 1996 07 20.72997	21 29 16.95	-16 58 34.9	20.2 327
1996 LO	1996 08 13.61552	17 45 20.52	-11 50 26.7		327	1996 OW ₁	1996 07 20.73866	21 29 16.61	-16 58 39.8	327
1996 LO	1996 08 13.62037	17 45 20.48	-11 50 27.5		327	1996 OW ₁	1996 07 20.74751	21 29 16.26	-16 58 44.9	327
1996 OK	1996 08 13.64544	21 06 44.59	-20 19 30.0		327	1996 OW ₁	1996 07 20.75618	21 29 15.92	-16 58 50.4	327
1996 OK	1996 08 13.65993	21 06 43.95	-20 19 40.5	17.3 V	327	1996 OW ₁	1996 07 21.72782	21 28 42.15	-17 08 37.4	327
1996 OK	1996 08 13.67427	21 06 43.29	-20 19 50.1		327	1996 OW ₁	1996 07 21.74742	21 28 41.39	-17 08 48.5	327
1996 OK	1996 08 13.69213	21 06 42.52	-20 20 02.7		327	1996 OX ₁	* 1996 07 20.73431	21 29 42.31	-17 09 42.6	327
1996 OC ₁	1996 08 13.64544	21 07 53.28	-20 38 38.2		327	1996 OX ₁	1996 07 20.74299	21 29 41.98	-17 09 45.0	327
1996 OC ₁	1996 08 13.65993	21 07 52.44	-20 38 44.4		327	1996 OX ₁	1996 07 20.75184	21 29 41.61	-17 09 47.0	19.2 327
1996 OC ₁	1996 08 13.67427	21 07 51.62	-20 38 49.6	18.6 V	327	1996 OX ₁	1996 07 20.76074	21 29 41.27	-17 09 49.5	327
1996 OC ₁	1996 08 13.69213	21 07 50.53	-20 38 56.5		327	1996 OX ₁	1996 07 21.72313	21 29 05.91	-17 13 50.1	19.4 327
1996 OL ₁	1996 08 06.75278	21 16 35.60	-17 47 52.3		327	1996 OX ₁	1996 07 21.73815	21 29 05.29	-17 13 53.5	327
1996 OL ₁	1996 08 06.76429	21 16 34.85	-17 47 51.6	16.9 V	327	1996 OX ₁	1996 07 21.74742	21 29 04.94	-17 13 57.0	327
1996 OL ₁	1996 08 06.77699	21 16 34.04	-17 47 51.0		327	1996 OY ₁	* 1996 07 20.73431	21 29 53.20	-17 27 35.7	327
1996 OL ₁	1996 08 13.63392	21 09 21.97	-17 44 26.2		327	1996 OY ₁	1996 07 20.74299	21 29 52.82	-17 27 38.2	327
1996 OL ₁	1996 08 13.66476	21 09 19.95	-17 44 25.1		327	1996 OY ₁	1996 07 20.75184	21 29 52.43	-17 27 40.0	21.0 327
1996 OL ₁	1996 08 13.68177	21 09 18.87	-17 44 24.5	16.5	327	1996 OY ₁	1996 07 20.76074	21 29 52.14	-17 27 41.9	327
1996 OL ₁	1996 08 13.69647	21 09 17.90	-17 44 23.9		327	1996 OY ₁	1996 07 21.72313	21 29 12.48	-17 30 58.0	327
1996 OO ₁	1996 08 06.80918	22 30 55.38	-08 48 21.6		327	1996 OY ₁	1996 07 21.73815	21 29 11.78	-17 31 01.5	20.5 327
1996 OO ₁	1996 08 06.82545	22 30 54.63	-08 48 22.9	18.3	327	1996 OY ₁	1996 07 21.74742	21 29 11.42	-17 31 03.3	327
1996 OO ₁	1996 08 06.83113	22 30 54.46	-08 48 23.9		327	1996 OZ ₁	* 1996 07 20.73431	21 29 54.60	-17 14 58.1	327
1996 OO ₁	1996 08 13.70734	22 25 43.06	-09 01 00.3		327	1996 OZ ₁	1996 07 20.74299	21 29 54.32	-17 15 02.3	327
1996 OO ₁	1996 08 13.72296	22 25 42.35	-09 01 02.5		327	1996 OZ ₁	1996 07 20.75184	21 29 53.94	-17 15 05.8	20.3 327
1996 OO ₁	1996 08 13.73677	22 25 41.67	-09 01 03.9	18.5	327	1996 OZ ₁	1996 07 20.76074	21 29 53.60	-17 15 08.9	327
1996 OQ ₁	1996 08 06.78377	22 34 34.16	-08 34 31.9		327	1996 OZ ₁	1996 07 21.72313	21 29 18.44	-17 21 53.3	327
1996 OQ ₁	1996 08 06.79005	22 34 33.98	-08 34 33.2		327	1996 OZ ₁	1996 07 21.73815	21 29 17.82	-17 21 59.1	20.0 327
1996 OQ ₁	1996 08 06.79594	22 34 33.74	-08 34 34.3	18.4 V	327	1996 OZ ₁	1996 07 21.74742	21 29 17.50	-17 22 03.4	327
1996 OQ ₁	1996 08 06.80177	22 34 33.48	-08 34 35.7		327	1996 OA ₂	* 1996 07 20.73431	21 29 57.07	-17 22 21.7	19.3 327
1996 OQ ₁	1996 08 13.71847	22 29 40.14	-09 00 09.6		327	1996 OA ₂	1996 07 20.74299	21 29 56.68	-17 22 27.9	327
1996 OQ ₁	1996 08 13.73214	22 29 39.48	-09 00 12.6		327	1996 OA ₂	1996 07 20.75184	21 29 56.22	-17 22 34.1	327
1996 OQ ₁	1996 08 13.74634	22 29 38.86	-09 00 16.7	18.5 V	327	1996 OA ₂	1996 07 20.76074	21 29 55.75	-17 22 40.2	327
1996 OQ ₁	1996 08 13.76035	22 29 38.14	-09 00 20.1		327	1996 OA ₂	1996 07 21.72313	21 29 11.67	-17 33 37.0	327
1996 OT ₁	* 1996 07 20.72997	21 27 01.62	-17 31 30.9		327	1996 OA ₂	1996 07 21.73815	21 29 10.89	-17 33 47.5	19.2 327
1996 OT ₁	1996 07 20.73866	21 27 01.31	-17 31 32.6	21.0	327	1996 OA ₂	1996 07 21.74742	21 29 10.47	-17 33 53.6	327
1996 OT ₁	1996 07 20.74751	21 27 00.97	-17 31 35.3		327	1996 OB ₂	* 1996 07 20.73866	21 29 20.33	-17 22 15.7	19.9 327
1996 OT ₁	1996 07 20.75618	21 27 00.57	-17 31 37.0		327	1996 OB ₂	1996 07 20.74299	21 29 20.19	-17 22 16.7	327
1996 OT ₁	1996 07 21.72313	21 26 21.32	-17 35 28.1		327	1996 OB ₂	1996 07 20.74751	21 29 19.98	-17 22 19.4	327
1996 OT ₁	1996 07 21.73815	21 26 20.61	-17 35 31.3	20.5	327	1996 OB ₂	1996 07 20.75184	21 29 19.79	-17 22 20.7	20.3 327
1996 OT ₁	1996 07 21.74742	21 26 20.26	-17 35 34.4		327	1996 OB ₂	1996 07 20.75618	21 29 19.63	-17 22 22.6	327
1996 OU ₁	* 1996 07 20.72997	21 27 37.32	-17 15 24.0		327	1996 OB ₂	1996 07 20.76074	21 29 19.43	-17 22 23.5	327
1996 OU ₁	1996 07 20.73866	21 27 36.97	-17 15 25.9		327	1996 OB ₂	1996 07 21.73815	21 28 41.13	-17 28 36.0	327
1996 OU ₁	1996 07 20.74751	21 27 36.59	-17 15 29.4	21.0	327	1996 OB ₂	1996 07 21.74742	21 28 40.78	-17 28 39.5	20.4 327
1996 OU ₁	1996 07 20.75618	21 27 36.25	-17 15 31.3		327	1996 OC ₂	* 1996 07 20.74299	21 29 30.63	-17 10 16.2	327
1996 OU ₁	1996 07 21.72313	21 26 57.33	-17 20 37.1		327	1996 OC ₂	1996 07 20.75184	21 29 30.19	-17 10 19.7	20.4 327
1996 OU ₁	1996 07 21.73815	21 26 56.71	-17 20 42.0	20.8	327	1996 OC ₂	1996 07 20.76074	21 29 29.73	-17 10 23.4	327

1996 OC ₂	1996 07 21.72313	21 28 42.90	-17 15 49.1	20.3	327
1996 OC ₂	1996 07 21.74742	21 28 41.61	-17 15 56.3		327
1996 OD ₂	* 1996 07 20.74299	21 30 30.29	-17 27 23.6	20.3	327
1996 OD ₂	1996 07 20.75184	21 30 29.86	-17 27 26.2		327
1996 OD ₂	1996 07 21.72313	21 29 41.81	-17 31 20.8	21.1	327
1996 OD ₂	1996 07 21.73815	21 29 41.07	-17 31 25.4		327
1996 OD ₂	1996 07 21.74742	21 29 40.55	-17 31 26.8		327
1996 OA ₃	* 1996 07 20.76734	22 41 28.66	-08 07 16.6	20.3	327
1996 OA ₃	1996 07 20.78039	22 41 28.31	-08 07 15.5		327
1996 OA ₃	1996 07 20.79341	22 41 27.97	-08 07 15.0		327
1996 OA ₃	1996 07 21.77012	22 41 02.74	-08 06 11.7	20.0	327
1996 OA ₃	1996 07 21.77917	22 41 02.56	-08 06 10.9		327
1996 OA ₃	1996 07 21.78799	22 41 02.33	-08 06 11.1		327
1996 OA ₃	1996 07 21.79950	22 41 01.99	-08 06 11.2		327
1996 PJ ₁	1996 08 13.71847	22 31 32.27	-09 13 11.0		327
1996 PJ ₁	1996 08 13.73214	22 31 31.55	-09 13 14.6		327
1996 PJ ₁	1996 08 13.74634	22 31 30.90	-09 13 19.1	19.9 V	327
1996 PJ ₁	1996 08 13.76035	22 31 30.25	-09 13 22.4		327
1996 PY ₁	1996 08 13.65461	21 10 29.32	-16 52 58.0		327
1996 PY ₁	1996 08 13.68700	21 10 27.57	-16 52 57.8		327
1996 PY ₁	1996 08 13.70095	21 10 26.78	-16 52 57.1	18.0 V	327
1996 PZ ₁	1996 08 13.65461	21 10 32.63	-16 56 20.7		327
1996 PZ ₁	1996 08 13.68700	21 10 30.67	-16 56 23.1		327
1996 PZ ₁	1996 08 13.70095	21 10 29.83	-16 56 23.3	18.0 V	327
1996 PJ ₃	* 1996 08 06.75278	21 14 47.48	-18 08 20.6	17.1 V	327
1996 PJ ₃	1996 08 06.76429	21 14 46.69	-18 08 19.6		327
1996 PJ ₃	1996 08 06.77084	21 14 46.25	-18 08 19.6		327
1996 PJ ₃	1996 08 06.77699	21 14 45.82	-18 08 19.4		327
1996 PJ ₃	1996 08 13.66476	21 07 20.22	-18 06 00.0	17.6	327
1996 PJ ₃	1996 08 13.68177	21 07 19.12	-18 05 58.8		327
1996 PJ ₃	1996 08 13.69647	21 07 18.16	-18 05 58.4		327
1996 PK ₃	* 1996 08 06.78377	22 31 48.90	-08 31 57.1		327
1996 PK ₃	1996 08 06.79005	22 31 48.66	-08 31 59.4		327
1996 PK ₃	1996 08 06.79594	22 31 48.44	-08 32 01.2		327
1996 PK ₃	1996 08 06.80177	22 31 48.16	-08 32 03.3	18.9 V	327
1996 PK ₃	1996 08 13.72296	22 26 52.97	-09 11 35.5	18.4	327
1996 PK ₃	1996 08 13.73677	22 26 52.28	-09 11 39.7		327
1996 PL ₃	* 1996 08 06.78377	22 32 34.76	-08 55 19.1	19.0 V	327
1996 PL ₃	1996 08 06.79005	22 32 34.66	-08 55 22.4		327
1996 PL ₃	1996 08 06.79594	22 32 34.35	-08 55 24.1		327
1996 PL ₃	1996 08 06.80177	22 32 34.14	-08 55 26.0		327
1996 PL ₃	1996 08 13.71231	22 28 25.00	-09 42 40.3		327
1996 PL ₃	1996 08 13.72744	22 28 24.41	-09 42 46.6		327
1996 PL ₃	1996 08 13.74145	22 28 23.86	-09 42 53.6	19.2 V	327
1996 PL ₃	1996 08 13.75569	22 28 23.25	-09 42 59.5		327
1996 PM ₃	* 1996 08 06.78377	22 34 28.26	-08 55 20.0	18.9 V	327
1996 PM ₃	1996 08 06.79005	22 34 28.13	-08 55 23.4		327
1996 PM ₃	1996 08 06.79594	22 34 27.84	-08 55 26.3		327
1996 PM ₃	1996 08 06.80177	22 34 27.61	-08 55 28.8		327
1996 PM ₃	1996 08 13.71231	22 29 46.66	-09 51 47.9		327
1996 PM ₃	1996 08 13.72744	22 29 45.98	-09 51 55.9		327
1996 PM ₃	1996 08 13.74145	22 29 45.32	-09 52 02.7	19.2 V	327

1996 PM ₃	1996 08 13.75569	22 29 44.69	-09 52 09.9	327
1996 QV	1996 08 13.70734	22 26 20.95	-08 56 45.1	327
1996 QV	1996 08 13.72296	22 26 20.19	-08 56 48.0	327
1996 QV	1996 08 13.73677	22 26 19.55	-08 56 49.3	19.1 327
6055 P-L	1996 08 13.71847	22 31 18.87	-09 10 27.0	327
6055 P-L	1996 08 13.73214	22 31 18.19	-09 10 29.0	327
6055 P-L	1996 08 13.74634	22 31 17.47	-09 10 31.9	18.9 V 327
6055 P-L	1996 08 13.76035	22 31 16.74	-09 10 35.3	327
(1045)	1996 08 06.78377	22 34 53.50	-08 32 26.2	17.0 V 327
(1045)	1996 08 06.79005	22 34 53.21	-08 32 27.7	327
(1045)	1996 08 06.79594	22 34 52.94	-08 32 29.2	327
(1045)	1996 08 06.80177	22 34 52.70	-08 32 30.5	327
(1045)	1996 08 13.71847	22 29 27.32	-09 03 27.0	16.8 V 327
(1045)	1996 08 13.73214	22 29 26.57	-09 03 31.1	327
(1045)	1996 08 13.74634	22 29 25.84	-09 03 35.2	327
(1045)	1996 08 13.76035	22 29 25.10	-09 03 39.4	327
(2632)	1996 07 20.80784	03 20 17.85	+21 04 42.7	17.3 V 327
(2632)	1996 07 20.81218	03 20 18.16	+21 04 44.4	327
(2632)	1996 07 20.81653	03 20 18.41	+21 04 46.5	327
(2811)	1996 08 06.78377	22 33 22.11	-09 11 29.8	327
(2811)	1996 08 06.79005	22 33 21.89	-09 11 30.9	327
(2811)	1996 08 06.79594	22 33 21.67	-09 11 32.4	327
(2811)	1996 08 06.80177	22 33 21.41	-09 11 33.1	16.7 V 327
(2811)	1996 08 13.71231	22 28 30.16	-09 37 40.4	327
(2811)	1996 08 13.72744	22 28 29.47	-09 37 44.1	327
(2811)	1996 08 13.74145	22 28 28.82	-09 37 47.4	327
(2811)	1996 08 13.75569	22 28 28.17	-09 37 50.8	16.5 V 327
(4076)	1996 08 13.63392	21 10 29.96	-17 23 29.1	327
(4076)	1996 08 13.65461	21 10 28.88	-17 23 33.6	327
(4076)	1996 08 13.66476	21 10 28.27	-17 23 35.0	16.9 327
(4076)	1996 08 13.68700	21 10 27.21	-17 23 39.5	327
(4076)	1996 08 13.69647	21 10 26.61	-17 23 41.3	327
(4120)	1996 08 13.70095	21 10 26.49	-17 23 42.3	16.6 V 327
(4120)	1996 08 13.71847	22 29 43.48	-08 45 40.4	327
(4120)	1996 08 13.73214	22 29 42.96	-08 45 44.5	18.2 V 327
(4120)	1996 08 13.74634	22 29 42.37	-08 45 49.8	327
(4120)	1996 08 13.76035	22 29 41.82	-08 45 53.9	327

353 Nishi Kobe

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

[kazuito@tau.bekkoame.or.jp]

0.25-m *f*/6.3 Schmidt-Cassegrain + CCD

GSC

1996 PW	1996 08 17.59911	22 20 08.14	-14 51 53.5	353
1996 PW	1996 08 17.60066	22 20 08.17	-14 51 55.4	353
1996 PW	1996 08 17.61009	22 20 08.04	-14 52 06.4	353

360 Kuma Kogen Astronomical Observatory

A. Nakamura, Shimo-Hatanokawa, Kuma, Kamiukena-Gun, Ehime-Ken, 791-12

Japan [gcc00404@niftyserve.or.jp]

0.60-m *f*/6.0 Ritchey-Chrétien + CCD

GSC

1989 RS ₁	1996 08 19.57188	21 43 59.47	+04 44 20.1	17.0 V	360
1989 RS ₁	1996 08 19.57569	21 43 59.82	+04 44 17.7		360
1989 RS ₁	1996 08 19.57882	21 44 00.10	+04 44 15.9		360
1991 CS	1996 08 18.78611	00 31 23.50	+52 30 14.2	15.7 V	t 360
1991 CS	1996 08 18.78837	00 31 24.76	+52 30 02.3		t 360
1991 CS	1996 08 18.79063	00 31 26.06	+52 29 50.0		t 360
1991 CS	1996 08 24.73802	01 51 31.09	+33 47 33.9	14.0 V	t 360
1991 CS	1996 08 24.73976	01 51 32.79	+33 46 56.6		t 360
1991 CS	1996 08 24.74149	01 51 34.50	+33 46 19.2		t 360
1993 VA	1996 08 10.66111	21 26 26.82	-16 44 09.9	18.2 V	360
1993 VA	1996 08 10.66458	21 26 26.41	-16 44 13.1		360
1993 VA	1996 08 10.67066	21 26 25.70	-16 44 18.6		360
1995 DY ₁	1996 08 05.56128	19 16 25.35	-12 18 10.4		360
1995 DY ₁	1996 08 05.56667	19 16 25.10	-12 18 11.5		360
1995 DY ₁	1996 08 10.59983	19 13 24.36	-12 37 12.8	16.9 V	360
1995 DY ₁	1996 08 10.60469	19 13 24.19	-12 37 13.9		360
1996 EN	1996 08 05.49618	13 03 37.21	+47 35 04.5		360
1996 EN	1996 08 05.49948	13 03 37.85	+47 35 02.0		360
1996 EN	1996 08 19.46111	13 50 45.29	+42 58 49.6	17.7 V	360
1996 EN	1996 08 19.46424	13 50 45.96	+42 58 43.3		360
1996 EN	1996 08 19.46736	13 50 46.66	+42 58 36.7		360
1996 NW	1996 08 06.59219	19 51 55.81	-18 11 48.1		360
1996 NW	1996 08 06.61024	19 51 54.92	-18 11 50.0		360
1996 NW	1996 08 10.61788	19 48 49.66	-18 18 22.6	19.2 V	360
1996 NW	1996 08 10.62326	19 48 49.41	-18 18 23.3		360
1996 NW	1996 08 19.52587	19 43 05.92	-18 30 54.5	19.5 V	360
1996 NW	1996 08 19.53333	19 43 05.62	-18 30 54.6		360
1996 NW	1996 08 19.53889	19 43 05.50	-18 30 54.9		360
1996 OL	1996 08 18.67639	23 10 32.86	-14 00 27.4	16.7 V	360
1996 OL	1996 08 18.68160	23 10 32.66	-14 00 29.8		360
1996 OL	1996 08 19.70191	23 09 53.25	-14 08 27.9		360
1996 OL	1996 08 19.70677	23 09 53.06	-14 08 30.1		360
1996 OB ₁	1996 08 06.58646	19 53 02.44	-18 56 21.5		360
1996 OB ₁	1996 08 06.59844	19 53 01.95	-18 56 24.6		360
1996 OB ₁	1996 08 06.60347	19 53 01.76	-18 56 25.7		360
1996 OB ₁	1996 08 10.62934	19 50 38.06	-19 13 53.5	19.2 V	360
1996 OB ₁	1996 08 10.63507	19 50 37.85	-19 13 54.6		360
1996 OB ₁	1996 08 19.54479	19 47 03.18	-19 47 27.4		360
1996 OB ₁	1996 08 19.55868	19 47 02.91	-19 47 30.3	19.6 V	360
1996 OB ₁	1996 08 19.56493	19 47 02.77	-19 47 31.2		360
1996 PA	1996 08 18.66927	23 06 01.53	-14 34 04.3	15.5 V	360
1996 PA	1996 08 18.67222	23 06 01.57	-14 34 13.0		360
1996 PA	1996 08 20.60868	23 06 34.63	-16 08 22.9	15.4 V	360
1996 PA	1996 08 20.61250	23 06 34.66	-16 08 34.2		360
1996 PA	1996 08 20.61580	23 06 34.68	-16 08 43.6		360
1996 PW	1996 08 18.62569	22 20 01.33	-15 11 20.7	17.2 V	360
1996 PW	1996 08 18.62986	22 20 01.29	-15 11 25.5		360
1996 PW	1996 08 18.63368	22 20 01.24	-15 11 29.8		360
1996 PW	1996 08 20.62465	22 19 47.31	-15 49 09.2	17.2 V	360
1996 PW	1996 08 20.62951	22 19 47.25	-15 49 14.8		360
1996 PW	1996 08 20.63333	22 19 47.23	-15 49 19.3		360
1996 PC ₁	1996 08 18.61510	22 04 27.55	-13 10 24.1	16.3 V	t 360

1996 PC ₁	1996 08 18.61719	22 04 26.73	-13 09 53.5		t 360
1996 PC ₁	1996 08 18.61979	22 04 25.70	-13 09 14.6		t 360
1996 PC ₁	1996 08 19.68021	21 57 46.10	-08 34 45.9	16.1 V	t 360
1996 PC ₁	1996 08 19.68368	21 57 44.66	-08 33 49.7		t 360
1996 PC ₁	1996 08 19.68715	21 57 43.20	-08 32 53.2		t 360
1996 QT	* 1996 08 18.68785	00 03 04.23	-12 16 57.3	16.7 V	360
1996 QT	1996 08 18.69479	00 03 04.05	-12 17 00.5		360
1996 QT	1996 08 18.69931	00 03 03.95	-12 17 02.7		360
1996 QT	1996 08 19.71406	00 02 41.11	-12 25 02.7	S	360
1996 QT	1996 08 19.71806	00 02 41.03	-12 25 05.2	S	360
1996 QT	1996 08 19.72153	00 02 40.92	-12 25 06.5	S	360
1996 QT	1996 08 20.63837	00 02 19.38	-12 32 24.2		360
1996 QT	1996 08 20.64583	00 02 19.16	-12 32 27.7		360
1996 QT	1996 08 24.71777	00 00 30.67	-13 05 20.6		360
1996 QT	1996 08 24.72882	00 00 30.32	-13 05 26.3		360
(1163)	1996 08 20.62465	22 19 52.76	-15 50 14.7	15.0 V	360
(1163)	1996 08 20.62951	22 19 52.54	-15 50 16.6		360
(1163)	1996 08 20.63333	22 19 52.38	-15 50 18.1		360
(3290)	1996 08 19.58924	22 44 13.59	-11 49 51.9	18.1 V	360
(3290)	1996 08 19.59566	22 44 13.36	-11 49 53.3		360
(3342)	1996 08 19.69219	23 25 25.58	-06 42 57.4	17.0 V	360
(3342)	1996 08 19.69722	23 25 25.41	-06 42 59.1		360
(3908)	1996 08 10.64757	21 15 15.24	-07 32 37.7	16.0 V	360
(3908)	1996 08 10.65069	21 15 15.07	-07 32 36.1		360

365 Uto Observatory

F. Uto, 12-1 Shirakashi Cho 7 Chome, Kashihara, Nara-Ken, 634 Japan

[nag01736@niftyserve.or.jp]

0.20-m $f/4.0$ reflector + CCD

GSC

1995 DK ₁	1996 07 16.63229	17 05 07.77	-09 39 20.3	17.2	365
1995 DK ₁	1996 07 16.64618	17 05 07.42	-09 39 23.2	17.0	365
1995 DK ₁	1996 07 24.61771	17 02 34.39	-10 18 15.1	17.0	365
1995 DK ₁	1996 07 24.63646	17 02 34.21	-10 18 21.6	17.2	365
1995 DK ₁	1996 08 18.54479	17 03 11.80	-12 31 51.4	17.0	365
1995 DK ₁	1996 08 18.56146	17 03 12.07	-12 31 56.8	16.9	365

367 Yatsuka

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

0.26-m $f/6.0$ reflector + CCD

GSC

1991 CS	1996 08 17.62742	00 20 23.05	+54 00 33.1	15.2 V	367
1991 CS	1996 08 17.63054	00 20 24.63	+54 00 20.7		367
1996 PA	1996 08 17.61700	23 05 41.20	-13 42 17.0	15.8 V	367
1996 PA	1996 08 17.61980	23 05 41.23	-13 42 25.5		367
1996 PW	1996 08 17.60172	22 20 08.15	-14 51 56.1	17.5 V	367
1996 PW	1996 08 17.60625	22 20 08.08	-14 52 01.6		367
1996 PW	1996 08 21.56843	22 19 40.48	-16 06 56.3	17.0 V	367
1996 PW	1996 08 21.57290	22 19 40.45	-16 07 01.1		367
1996 PC ₁	1996 08 21.57918	21 44 57.04	+00 35 07.7	16.2 V	367
1996 PC ₁	1996 08 21.58261	21 44 55.42	+00 36 10.4		367

385 Nihondaira Observatory Oohira station

T. Urata, 1-8, Dobayashi 1 Chome, Shimizu, Shizuoka-Ken, 424 Japan

0.31-m $f/4.7$ reflector + CCD
GSC

1993 UN	1996 08 16.60263	22 44 07.54	-08 42 30.6	16	V	385
1993 UN	1996 08 16.60693	22 44 07.35	-08 42 31.9			385
1993 UN	1996 08 16.61120	22 44 07.12	-08 42 33.5			385
1994 CV ₂	1996 08 16.58778	20 33 56.20	-08 36 33.3	16.5	V	385
1994 CV ₂	1996 08 16.59201	20 33 56.04	-08 36 34.8			385
1994 CV ₂	1996 08 16.59632	20 33 55.86	-08 36 35.9			385
1996 PH ₅	1996 08 16.60263	22 44 32.55	-08 35 21.9	16	V	385
1996 PH ₅	1996 08 16.60693	22 44 32.33	-08 35 22.4			385
1996 PH ₅	1996 08 16.61120	22 44 32.05	-08 35 22.7			385
(2090)	1996 08 16.61704	23 01 52.12	-07 36 56.4	14.5	V	385
(2090)	1996 08 16.62145	23 01 51.90	-07 36 56.7			385
(2090)	1996 08 16.62569	23 01 51.68	-07 36 56.8			385

388 National Observatory, Mitaka

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

[satoois@cc.nao.ac.jp]

Observers H. Fukushima, D. Kinoshita, A. Obara, T. Saito, I. Sato, N. Yamamoto

Measurer I. Sato

0.50-m $f/12$ reflector + CCD

GSC

1996 PW	1996 08 18.58970	22 20 01.66	-15 10 41.2	17.6	I	388
1996 PW	1996 08 18.59377	22 20 01.60	-15 10 44.7	17.7	I	388
1996 PW	1996 08 18.59896	22 20 01.56	-15 10 52.2	17.7	I	388
(2484)	1996 07 28.68523	22 46 37.06	-05 24 17.5	15.5	I	388
(2484)	1996 07 28.68662	22 46 37.06	-05 24 17.5	15.6	I	388
(2484)	1996 07 28.68889	22 46 37.05	-05 24 17.4	15.7	I	388
(2484)	1996 07 28.69028	22 46 37.04	-05 24 17.5	15.8	I	388
(2484)	1996 07 28.69167	22 46 37.04	-05 24 17.5	15.7	I	388
(2484)	1996 07 28.69312	22 46 37.02	-05 24 17.4	15.8	I	388
(2484)	1996 07 28.69678	22 46 36.99	-05 24 17.5	15.5	I	388
(2484)	1996 07 28.70062	22 46 36.99	-05 24 17.6	15.8	I	388
(2484)	1996 07 31.63633	22 46 26.37	-05 24 27.2	15.7	I	388
(2484)	1996 07 31.63970	22 46 26.34	-05 24 27.2	15.6	I	388
(2484)	1996 07 31.64181	22 46 26.33	-05 24 27.2	15.6	I	388
(2484)	1996 07 31.64333	22 46 26.32	-05 24 27.5	15.6	I	388
(2484)	1996 07 31.64475	22 46 26.29	-05 24 27.3	15.7	I	388
(2484)	1996 07 31.64623	22 46 26.28	-05 24 27.4	15.7	I	388
(2484)	1996 07 31.64766	22 46 26.27	-05 24 27.4	15.7	I	388
(2484)	1996 07 31.64910	22 46 26.26	-05 24 27.4	15.7	I	388
(2484)	1996 07 31.65053	22 46 26.24	-05 24 27.6	15.8	I	388
(2484)	1996 07 31.65194	22 46 26.23	-05 24 27.4	15.7	I	388
(2484)	1996 07 31.65340	22 46 26.21	-05 24 27.4	15.7	I	388
(5279)	1996 07 18.58220	18 39 49.78	-27 19 33.5	14.6	I	388
(5279)	1996 07 18.59035	18 39 49.45	-27 19 40.7	14.8	I	388
(5279)	1996 07 18.59407	18 39 49.28	-27 19 44.1	14.8	I	388
(5279)	1996 07 18.59787	18 39 49.12	-27 19 47.5	14.9	I	388
(5279)	1996 07 18.60164	18 39 48.97	-27 19 50.7	14.9	I	388

400 Kitami

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

Observer K. Endate

0.25-m $f/3.4$ hyperboloid astrocamera + CCD

GSC

1996 PA	1996 08 09.56793	23 01 44.18	-07 03 13.7	15.4	V	400
1996 PA	1996 08 09.58032	23 01 44.58	-07 03 50.3			400

413 Siding Spring

R. H. McNaught, Anglo-Australian Observatory, Coonabarabran, N.S.W. 2357,
Australia [rmn@aaocbn1.aao.gov.au]

Observers R. H. McNaught, G. J. Garradd, D. I. Steel, Q. A. Parker, M. Hartley,
F. G. Watson

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

1.0-m reflector + CCD, 1.2-m U.K. Schmidt

GSC, Perth 70

1988 MF	1996 08 11.68858	00 00 10.73	-36 38 55.7			413
1988 MF	1996 08 11.73024	00 00 10.26	-36 39 55.7			413
1989 JA	1996 05 28.43962	11 12 51.67	+18 23 09.5			413
1989 JA	1996 05 28.44432	11 12 51.62	+18 23 01.1			413
1989 JA	1996 06 09.42396	11 13 57.72	+11 59 14.2			413
1989 JA	1996 06 09.42606	11 13 57.75	+11 59 09.9			413
1989 RC	1996 05 28.65803	16 14 10.14	+00 06 11.4			413
1989 RC	1996 05 28.66067	16 14 09.97	+00 06 12.6			413
1989 RC	1996 06 09.61438	16 00 59.06	+01 25 55.0			413
1989 RC	1996 06 09.61659	16 00 58.87	+01 25 54.8			413
1989 RS ₁	1996 06 09.68553	20 26 53.51	-03 38 14.4			413
1991 VH	1996 06 09.81787	00 13 31.26	+11 11 11.4			413
1991 VH	1996 06 09.82042	00 13 31.96	+11 11 12.4			413
1992 DC	1996 05 28.49836	13 12 06.34	-25 07 16.8			413
1992 DC	1996 05 28.50444	13 12 06.45	-25 07 15.7			413
1992 FL ₁	1996 05 28.48102	12 46 55.50	-18 01 11.8			413
1992 FL ₁	1996 05 28.48317	12 46 55.69	-18 01 12.1			413
1992 JB	1996 06 09.66037	19 50 33.98	+10 44 15.0			413
1992 JB	1996 06 09.66420	19 50 33.59	+10 44 17.5	I		413
1992 QN	1996 06 09.77381	00 33 19.88	-05 48 51.6			413
1992 QN	1996 06 09.77742	00 33 20.21	-05 48 48.4			413
1992 TA	1996 05 28.46422	11 58 05.58	-28 04 02.3			413
1992 TA	1996 05 28.46833	11 58 05.54	-28 04 02.0			413
1992 TA	1996 05 28.47185	11 58 05.48	-28 04 01.3			413
1992 TA	1996 05 28.49498	11 58 05.56	-28 03 56.6			413
1992 TC	1996 06 09.75699	23 16 20.05	-10 29 06.2			413
1992 TC	1996 06 09.75917	23 16 20.47	-10 29 04.4			413
1993 HO ₁	1996 05 28.66456	17 23 31.46	-31 44 22.7	I		413
1993 HO ₁	1996 05 28.66801	17 23 31.10	-31 44 22.5			413
1993 HO ₁	1996 06 09.64215	17 04 41.06	-31 43 17.0			413
1994 PC	1996 08 04.79679	23 34 40.80	-15 44 30.1			413
1994 PC	1996 08 04.79996	23 34 41.44	-15 44 35.7			413
1994 RH	1996 05 28.57174	13 52 36.45	-39 28 31.3	V		413
1994 TW ₁	1996 05 28.48814	12 54 32.87	-37 43 52.4	F		413
1994 TW ₁	1996 05 28.49134	12 54 32.78	-37 43 50.4	F		413
1996 DH	1996 05 28.41107	09 23 41.30	+00 33 13.9			413
1996 DH	1996 05 28.41415	09 23 41.55	+00 33 13.2			413
1996 GD ₁	1996 05 28.42628	08 57 23.18	-42 49 36.7			413

1996 GD ₁	1996 05 28.43061	08 57 20.41	-42 49 32.6	413
1996 HW ₁	1996 05 28.59205	14 33 09.97	-02 30 44.6	413
1996 HW ₁	1996 05 28.59908	14 33 09.52	-02 30 42.2	413
1996 HW ₁	1996 06 09.60580	14 22 19.81	-01 43 18.4	413
1996 HW ₁	1996 06 09.61054	14 22 19.60	-01 43 17.7	413
1996 KM ₁	1996 05 28.44921	11 52 02.42	+00 36 19.4	413
1996 KM ₁	1996 05 28.45797	11 52 03.05	+00 36 25.0	413
1996 PA	* 1996 08 05.64031	22 58 53.43	-03 54 22.3	413
1996 PA	1996 08 05.70281	22 58 55.90	-03 57 16.0	15 V 413
1996 PC ₁	* 1996 08 11.63075	22 38 48.06	-33 31 15.1	17.5 V p 413
1996 PC ₁	1996 08 11.67242	22 38 37.74	-33 26 40.2	V 413
1996 PC ₁	1996 08 12.79909	22 34 02.64	-31 06 41.5	V 413
1996 PC ₁	1996 08 12.80950	22 33 59.72	-31 05 18.1	V 413
1996 PC ₁	1996 08 14.57339	22 26 13.09	-26 47 19.3	17 V F 413
1996 PC ₁	1996 08 14.61853	22 25 59.07	-26 40 07.1	F 413
(433)	1996 05 28.39785	09 05 17.48	+05 53 22.9	413
(433)	1996 05 28.40000	09 05 17.90	+05 53 20.6	413
(768)	1996 08 11.63075	22 47 35.52	-32 37 07.9	413
(768)	1996 08 11.67242	22 47 33.56	-32 37 20.0	413
(1591)	1996 08 11.75125	01 33 52.18	-28 54 41.5	413
(1591)	1996 08 11.79292	01 33 52.67	-28 55 10.0	413
(1922)	1996 05 28.47685	12 43 48.49	-12 07 39.7	413
(1922)	1996 05 28.47847	12 43 48.55	-12 07 36.7	413
(1980)	1996 05 28.39305	08 45 27.20	-08 13 16.3	413
(1980)	1996 05 28.39574	08 45 27.43	-08 13 16.2	413
(3785)	1979 06 23.63123	20 16 04.91	-17 59 57.3	18 V 413
(3785)	1979 06 24.63611	20 15 33.93	-18 01 40.3	413
(3785)	1979 06 24.69049	20 15 32.20	-18 01 45.8	413
(3908)	1996 05 28.78232	20 49 01.80	-16 38 48.0	U 413
(4015)	1996 05 28.64635	15 44 38.12	-22 11 14.3	413
(4015)	1996 05 28.64968	15 44 37.80	-22 11 12.8	413
(4341)	1996 06 09.76274	23 30 44.16	-11 49 19.5	F 413
(4341)	1996 06 09.76600	23 30 44.34	-11 49 20.1	F 413
(4467)	1996 08 12.80429	22 26 21.52	-32 20 57.9	413
(5660)	1996 05 28.38686	08 40 34.71	-27 00 42.0	413
(5660)	1996 05 28.38942	08 40 35.23	-27 00 43.2	413
(6053)	1996 05 28.40454	09 18 23.91	+05 54 40.7	413
(6178)	1996 06 09.72974	22 40 20.28	-13 31 26.0	413
(6178)	1996 06 09.73449	22 40 20.37	-13 31 26.0	413
(6178)	1996 06 09.74118	22 40 20.45	-13 31 26.5	413
(7092)	1996 05 28.41784	12 12 12.41	+09 49 32.4	413
(7092)	1996 05 28.41931	12 12 12.97	+09 49 21.6	I 413
(7092)	1996 06 09.56048	13 11 26.59	-08 11 22.3	413
(7092)	1996 06 09.56708	13 11 28.03	-08 11 47.0	413
(7092)	1996 06 09.57055	13 11 28.77	-08 12 00.0	413

422 Loomberah

G. J. Garradd, P.O. Box 157, Tamworth, NSW 2340, Australia

[gjjg@aaocbn3.aao.gov.au]

0.25-m $f/4.1$ reflector + CCD

GSC

1996 PA	1996 08 09.58214	23 01 44.60	-07 03 28.5	422
1996 PA	1996 08 09.58281	23 01 44.63	-07 03 30.6	422

1996 PA	1996 08 09.58347	23 01 44.65	-07 03 32.8	422
1996 PA	1996 08 12.58450	23 03 29.92	-09 31 41.9	15.6 R 422
1996 PA	1996 08 12.58526	23 03 29.94	-09 31 44.1	422
1996 PA	1996 08 13.59377	23 04 00.60	-10 21 55.2	422
1996 PA	1996 08 13.59525	23 04 00.63	-10 21 59.7	422
1996 PA	1996 08 13.59625	23 04 00.64	-10 22 02.6	422
1996 PA	1996 08 17.62834	23 05 40.95	-13 42 27.2	16.0 R 422
1996 PA	1996 08 17.62927	23 05 40.95	-13 42 29.8	16.0 R 422
1996 PW	1996 08 17.61400	22 20 07.92	-14 52 04.2	16.2 R 422
1996 PW	1996 08 17.61549	22 20 07.88	-14 52 06.1	17.4 R 422
1996 PW	1996 08 17.61764	22 20 07.88	-14 52 08.5	17.4 R 422
1996 PW	1996 08 24.71388	22 19 16.03	-17 05 39.8	17.8 R 422
1996 PW	1996 08 24.71538	22 19 16.02	-17 05 41.8	17.6 R 422
1996 PW	1996 08 24.71637	22 19 15.99	-17 05 43.5	422
1996 PC ₁	1996 08 13.52488	22 31 01.45	-29 26 53.5	t 422
1996 PC ₁	1996 08 13.54523	22 30 55.57	-29 24 00.3	t 422
1996 PC ₁	1996 08 14.50740	22 26 33.27	-26 57 52.9	422
1996 PC ₁	1996 08 14.50842	22 26 32.85	-26 57 43.0	I 422
1996 PC ₁	1996 08 14.51147	22 26 31.96	-26 57 13.4	422
1996 PC ₁	1996 08 14.51225	22 26 31.76	-26 57 06.5	422
1996 PC ₁	1996 08 14.51324	22 26 31.35	-26 56 56.9	422
1996 PC ₁	1996 08 14.51420	22 26 31.06	-26 56 49.3	I 422
1996 PC ₁	1996 08 14.51496	22 26 30.97	-26 56 39.8	422
1996 PC ₁	1996 08 14.51576	22 26 30.65	-26 56 32.1	422
1996 PC ₁	1996 08 17.51172	22 10 57.95	-17 27 25.1	422
1996 PC ₁	1996 08 17.54460	22 10 45.83	-17 20 08.9	422
1996 PC ₁	1996 08 17.55383	22 10 42.41	-17 18 05.2	422
1996 PC ₁	1996 08 17.55991	22 10 40.13	-17 16 45.1	422
1996 PC ₁	1996 08 17.57174	22 10 35.73	-17 14 06.8	422
1996 PC ₁	1996 08 17.57304	22 10 35.28	-17 13 49.6	422
1996 PD ₁	* 1996 08 09.50174	21 47 36.48	-12 35 35.6	W 422
1996 PD ₁	1996 08 09.50535	21 47 36.46	-12 35 36.0	422
1996 PD ₁	1996 08 09.50913	21 47 36.15	-12 35 36.3	422
1996 PD ₁	1996 08 09.51227	21 47 35.96	-12 35 37.1	422
1996 PD ₁	1996 08 12.46628	21 44 59.81	-12 46 43.0	18.2 R 422
1996 PD ₁	1996 08 12.47113	21 44 59.53	-12 46 44.0	18.3 R 422
1996 PD ₁	1996 08 12.47510	21 44 59.28	-12 46 44.8	17.9 R 422
1996 PD ₁	1996 08 24.68601	21 34 08.58	-13 32 28.5	18.4 R 422
1996 PD ₁	1996 08 24.70105	21 34 07.54	-13 32 35.0	18.4 R 422

423 North Ryde

S. McAndrew, 2/32 Twin Rd, North Ryde, NSW 2113, Australia

[mcandrew@trinity.nsw.edu.au]

0.2-m $f/4$ hyperbolic astrograph + CCD

GSC

1993 XR	1996 07 14.53310	20 01 56.13	-34 52 35.8	16.3 V 423
1993 XR	1996 07 14.55253	20 01 54.77	-34 52 47.8	16.0 V 423
1993 XR	1996 07 15.52652	20 01 00.79	-35 02 19.5	16.1 V 423
1994 AJ	1996 08 04.49356	21 13 48.09	-18 55 52.8	15.3 V 423
1994 AJ	1996 08 04.49811	21 13 47.84	-18 55 56.6	15.3 V 423
1994 AJ	1996 08 04.50506	21 13 47.54	-18 56 01.5	15.4 V 423
1994 AJ	1996 08 04.51200	21 13 47.22	-18 56 06.2	15.4 V 423
1994 AJ	1996 08 04.51895	21 13 46.89	-18 56 11.3	15.4 V 423

1994 AJ	1996 08 04.53977	21 13 45.91	-18 56 26.5	15.1 V	423
1994 AJ	1996 08 04.54671	21 13 45.62	-18 56 31.3	15.1 V	423
1994 AJ	1996 08 04.56059	21 13 45.00	-18 56 41.1	15.2 V	423
1994 AJ	1996 08 12.56814	21 07 52.77	-20 30 31.6	15.4 V	423
1994 AJ	1996 08 12.57626	21 07 52.42	-20 30 37.1	15.3 V	423
1994 AJ	1996 08 12.58605	21 07 51.94	-20 30 44.3	15.5 V	423
1994 AJ	1996 08 12.60424	21 07 51.09	-20 30 57.2	15.7 V	423
1994 AJ	1996 08 12.63851	21 07 49.46	-20 31 20.5	15.4 V	423
1994 AJ	1996 08 12.64368	21 07 49.19	-20 31 23.1	15.5 V	423
1994 AJ	1996 08 17.53907	21 04 20.08	-21 25 45.1	15.5 V	423
1994 AJ	1996 08 17.57059	21 04 18.65	-21 26 05.6	15.4 V	423
1994 AJ	1996 08 17.59119	21 04 17.71	-21 26 18.6	15.4 V	423
1994 AJ	1996 08 17.61819	21 04 16.54	-21 26 36.1	15.4 V	423
1996 PA	1996 08 08.57657	23 01 04.59	-06 14 29.2	15.7 V	423
1996 PA	1996 08 08.58788	23 01 04.96	-06 15 00.9	15.8 V	423
1996 PA	1996 08 08.59933	23 01 05.36	-06 15 35.3	15.7 V	423
1996 PA	1996 08 08.60904	23 01 05.68	-06 16 02.8	16.0 V	423
1996 PA	1996 08 08.61995	23 01 06.03	-06 16 35.5	15.9 V	423
1996 PA	1996 08 08.62978	23 01 06.38	-06 17 04.1	15.6 V	423
1996 PA	1996 08 08.63619	23 01 06.55	-06 17 22.7	15.8 V	423
1996 PA	1996 08 08.65265	23 01 07.12	-06 18 10.9	15.7 V	423
1996 PA	1996 08 08.65868	23 01 07.31	-06 18 28.9	15.7 V	423
1996 PA	1996 08 09.56537	23 01 44.07	-07 02 38.3	15.7 V	423
1996 PA	1996 08 09.60353	23 01 45.26	-07 04 30.5	15.5 V	423
1996 PA	1996 08 09.61282	23 01 45.57	-07 04 58.7	15.5 V	423
1996 PA	1996 08 09.63332	23 01 46.12	-07 05 58.1	15.5 V	423
1996 PA	1996 08 09.65266	23 01 46.76	-07 06 54.7	15.5 V	423
1996 PA	1996 08 10.55458	23 02 21.19	-07 51 11.4	15.6 V	423
1996 PA	1996 08 10.56245	23 02 21.46	-07 51 34.4	15.7 V	423
1996 PA	1996 08 10.57072	23 02 21.69	-07 51 59.6	15.6 V	423
1996 PA	1996 08 10.58060	23 02 22.00	-07 52 28.8	15.4 V	423
1996 PA	1996 08 10.59155	23 02 22.31	-07 53 01.2	15.5 V	423
1996 PA	1996 08 10.60808	23 02 22.77	-07 53 50.1	15.5 V	423
1996 PA	1996 08 10.64081	23 02 23.68	-07 55 26.6	15.5 V	423
1996 PA	1996 08 10.64949	23 02 23.95	-07 55 52.1	15.5 V	423
1996 PA	1996 08 10.65935	23 02 24.21	-07 56 21.5	15.5 V	423
1996 PA	1996 08 11.54759	23 02 56.19	-08 40 13.6	15.6 V	423
1996 PA	1996 08 11.55944	23 02 56.46	-08 40 48.8	15.8 V	423
1996 PA	1996 08 11.56859	23 02 56.74	-08 41 16.4	15.7 V	423
1996 PA	1996 08 11.57944	23 02 57.00	-08 41 48.4	15.6 V	423
1996 PA	1996 08 11.58715	23 02 57.25	-08 42 11.7	15.8 V	423
1996 PA	1996 08 11.59560	23 02 57.49	-08 42 36.6	15.7 V	423
1996 PA	1996 08 11.60302	23 02 57.64	-08 42 58.8	15.6 V	423
1996 PA	1996 08 11.61227	23 02 57.91	-08 43 26.5	15.9 V	423

424 Macquarie, near Canberra

J. B. Child, P.O. Box 512, Jamison Center, ACT 2614, Australia
[jbchild@pcug.org.au]

Observer J. B. Child

Measurers J. B. Child, J. E. Rogers

0.32-m $f/4.8$ reflector + CCD

1996 PM	* 1996 08 09.52691	21 15 24.63	-46 33 58.7	15.8 V	424
1996 PM	1996 08 09.53796	21 15 23.85	-46 34 11.3	15.8 V	424

1996 PM	1996 08 09.54774	21 15 23.38	-46 34 19.5	15.7 V	424
1996 PM	1996 08 11.41684	21 13 36.42	-47 03 26.6	15.8 V	424
1996 PM	1996 08 11.41962	21 13 36.37	-47 03 29.1	15.7 V	424
1996 PM	1996 08 11.45434	21 13 34.16	-47 04 01.6	15.8 V	424
1996 PM	1996 08 16.43443	21 08 53.34	-48 11 20.6	15.9 V	424
1996 PM	1996 08 16.44589	21 08 52.71	-48 11 29.1	16.0 V	424
1996 PM	1996 08 20.49740	21 05 18.93	-48 55 06.9	15.7 V	424
1996 PM	1996 08 20.51267	21 05 18.09	-48 55 15.9	15.7 V	424
1996 PN	* 1996 08 09.60417	21 37 24.02	-41 30 01.1	18.0 V	424
1996 PN	1996 08 09.61806	21 37 22.58	-41 29 51.0	17.5 V	424
1996 PN	1996 08 09.62917	21 37 21.27	-41 29 42.9	18.0 V	424
1996 PN	1996 08 10.55185	21 35 42.18	-41 18 45.6	18.4 V	424
1996 PN	1996 08 10.56563	21 35 40.63	-41 18 36.1	18.5 V	424
1996 PN	1996 08 11.46007	21 34 05.49	-41 07 35.3	17.8 V	424
1996 PN	1996 08 11.48924	21 34 02.46	-41 07 14.7	17.8 V	424
1996 PN	1996 08 16.46285	21 25 31.35	-40 00 08.9	16.9 V	424
1996 PN	1996 08 16.47951	21 25 29.51	-39 59 54.8	17.8 V	424
1996 PN	1996 08 16.48229	21 25 29.07	-39 59 51.1	18.0 V	424
1996 PN	1996 08 20.51979	21 19 08.03	-38 58 40.6	17.8 V	424
1996 PN	1996 08 20.53090	21 19 06.97	-38 58 29.5	18.1 V	424
(768)	1996 08 20.56823	22 40 00.15	-33 17 44.0	15.1 V	424
(768)	1996 08 20.58281	22 39 59.30	-33 17 47.3	15.2 V	424
(768)	1996 08 20.60399	22 39 58.15	-33 17 51.9	15.1 V	424
(768)	1996 08 23.45833	22 37 21.53	-33 27 56.7	15.2 V	424
(768)	1996 08 23.47098	22 37 20.80	-33 27 59.2	15.2 V	424
(768)	1996 08 23.48472	22 37 20.02	-33 28 02.1	15.0 V	424

540 Linz

E. Meyer, F. Marklstrasse 1/62, A-4040 Linz, Austria [k3032e0@c210.edvz.uni-linz.ac.at]

Observers E. Kolmhofer, H. Raab

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

GSC

1989 RS ₁	1996 08 05.85142	21 24 51.65	+05 50 51.4	17.5 R	540
1989 RS ₁	1996 08 05.85682	21 24 51.97	+05 50 50.6		540
1989 RS ₁	1996 08 05.86200	21 24 52.34	+05 50 50.9		540
1996 PW	1996 08 19.91046	22 19 52.39	-15 35 40.0	17.1 R	540
1996 PW	1996 08 19.91811	22 19 52.45	-15 35 49.7		540
1996 PW	1996 08 19.93052	22 19 52.27	-15 36 02.9		540

552 San Vittore

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

[astrofil@astbo1.bo.cnr.it]

Observers C. Vacchi, G. Sassi, E. Colombini

0.45-m $f/3.3$ reflector + CCD

GSC

1987 MA ₁	1996 08 09.92156	21 13 56.62	-09 27 24.5	15.4 V	552
1987 MA ₁	1996 08 09.93536	21 13 56.05	-09 27 35.7		552
1987 MA ₁	1996 08 09.94559	21 13 55.63	-09 27 43.6		552
1987 MA ₁	1996 08 12.87821	21 12 02.14	-10 06 15.3	15.3 V	552
1987 MA ₁	1996 08 12.89021	21 12 01.66	-10 06 25.0		552
1987 MA ₁	1996 08 17.90852	21 08 56.18	-11 12 15.9	16.0 V	552
1987 MA ₁	1996 08 17.91175	21 08 56.03	-11 12 18.8		552

1987 MA ₁	1996 08 17.91626	21 08 55.86	-11 12 22.3		552
1988 DD	1996 07 21.89132	20 39 14.46	-15 39 49.8	18.2 V	552
1988 DD	1996 07 21.89953	20 39 13.97	-15 39 54.9		552
1988 DD	1996 07 21.90786	20 39 13.49	-15 39 58.6		552
1988 DD	1996 07 22.93484	20 38 14.53	-15 48 17.6	18.4 V	552
1988 DD	1996 07 22.94569	20 38 13.88	-15 48 22.4		552
1988 DD	1996 08 17.84204	20 14 26.70	-19 10 47.3	18.7 V	552
1988 DD	1996 08 17.86300	20 14 25.79	-19 10 56.2		552
1988 DD	1996 08 17.86818	20 14 25.45	-19 10 58.1		552
1988 QU	1996 07 21.85583	16 00 59.53	-01 04 19.2	18.8 V	552
1988 QU	1996 07 21.86564	16 00 59.58	-01 04 23.5		552
1988 QU	1996 07 21.87608	16 00 59.67	-01 04 29.7		552
1988 QU	1996 07 22.89153	16 01 07.39	-01 13 11.3	18.4 V	552
1988 QU	1996 07 22.91247	16 01 07.50	-01 13 21.5		552
1988 QU	1996 08 17.82282	16 12 30.12	-05 08 52.9	18.1 V	552
1988 QU	1996 08 17.82824	16 12 30.36	-05 08 55.5		552
1988 QU	1996 08 17.83466	16 12 30.63	-05 08 59.3		552
1996 NS	1996 07 21.91721	20 42 17.95	-15 20 05.1	18.6 V	552
1996 NS	1996 07 21.92487	20 42 17.61	-15 20 08.1		552
1996 NS	1996 07 21.93308	20 42 17.25	-15 20 11.9		552
1996 NS	1996 08 09.82113	20 28 04.50	-17 23 19.2	17.3 V	552
1996 NS	1996 08 09.82844	20 28 04.18	-17 23 21.4		552
1996 NS	1996 08 09.83602	20 28 03.86	-17 23 24.9		552
1996 NS	1996 08 12.84344	20 25 57.53	-17 42 23.0	17.4 V	552
1996 NS	1996 08 12.86154	20 25 56.78	-17 42 30.2		552
1996 NS	1996 08 17.88608	20 22 41.38	-18 12 57.9	17.9 V	552
1996 NS	1996 08 17.89242	20 22 41.12	-18 13 00.6		552
1996 NS	1996 08 17.89844	20 22 40.88	-18 13 02.6		552
1996 PF ₅	* 1996 08 09.86419	21 19 55.80	-07 34 01.0	18.7 V	552
1996 PF ₅	1996 08 09.87846	21 19 54.96	-07 34 02.0		552
1996 PF ₅	1996 08 09.88940	21 19 54.31	-07 34 02.1		552
1996 PF ₅	1996 08 12.90375	21 17 00.49	-07 37 51.3	19.1 V	552
1996 PF ₅	1996 08 12.93624	21 16 58.57	-07 37 54.9		552
1996 PF ₅	1996 08 17.92876	21 12 16.56	-07 45 17.8	18.6 V	552
1996 PF ₅	1996 08 17.93615	21 12 16.20	-07 45 18.8		552
1996 PF ₅	1996 08 17.94914	21 12 15.59	-07 45 19.6		552
1996 PF ₅	1996 08 20.87959	21 09 36.24	-07 50 08.0	18.9 V	552
1996 PF ₅	1996 08 20.89212	21 09 35.53	-07 50 09.0		552
1996 PF ₅	1996 08 20.91153	21 09 34.59	-07 50 12.1		552
1996 PG ₅	* 1996 08 09.91119	21 10 13.80	-09 30 44.7	17.0 V	552
1996 PG ₅	1996 08 09.92623	21 10 12.92	-09 30 50.9		552
1996 PG ₅	1996 08 20.82257	21 00 34.25	-10 42 20.4	17.6 V	552
1996 PG ₅	1996 08 20.83245	21 00 33.73	-10 42 24.1		552
1996 QD ₁	* 1996 08 17.97075	21 04 39.81	-11 11 05.7	17.8 V	552
1996 QD ₁	1996 08 17.98037	21 04 39.27	-11 11 09.0		552
1996 QD ₁	1996 08 20.85081	21 02 03.30	-11 24 03.4	18.3 V	552
1996 QD ₁	1996 08 20.86159	21 02 02.74	-11 24 05.4		552
(3908)	1996 08 09.85036	21 15 51.98	-07 39 11.1	15.9 V	552
(3908)	1996 08 09.86944	21 15 51.01	-07 39 02.0		552
(3908)	1996 08 17.95559	21 09 10.25	-06 30 10.7	16.1 V	552
(3908)	1996 08 17.96332	21 09 09.77	-06 30 06.6		552
(5424)	1996 08 12.87821	21 11 25.25	-10 02 09.3	16.0 V	552

(5424)	1996 08 12.89021	21 11 24.51	-10 02 12.7		552
(5424)	1996 08 19.86498	21 04 42.19	-10 33 39.1	16.5 V	552
(5424)	1996 08 19.87975	21 04 41.35	-10 33 43.2		552

557 Ondřejov

P. Pravec, Astronomical Institute, Czech Academy of Sciences, CZ-25165 Ondřejov,
Czech Republic [ppravec@asu.cas.cz]

Observers P. Pravec, L. Šarounová, M. Wolf

0.65-m *f*/3.6 reflector + CCD

GSC

1989 RS ₁	1996 08 05.87558	21 24 53.14	+05 50 51.8		557
1989 RS ₁	1996 08 05.88477	21 24 53.70	+05 50 52.0		557
1989 RS ₁	1996 08 05.97459	21 24 59.30	+05 50 53.1		557
1989 RS ₁	1996 08 05.97766	21 24 59.46	+05 50 53.5		557
1989 RS ₁	1996 08 06.88278	21 26 03.83	+05 50 46.7		557
1989 RS ₁	1996 08 06.88856	21 26 04.20	+05 50 46.7		557
1989 RS ₁	1996 08 06.89179	21 26 04.42	+05 50 47.1		557
1989 RS ₁	1996 08 16.00346	21 38 14.68	+05 16 04.4		557
1989 RS ₁	1996 08 16.00664	21 38 14.91	+05 16 02.5		557
1989 RS ₁	1996 08 16.01255	21 38 15.37	+05 16 00.0		557
1989 RS ₁	1996 08 16.01565	21 38 15.60	+05 15 58.6		557
1989 RS ₁	1996 08 16.01873	21 38 15.89	+05 15 57.3	17.3 V	557
1989 RS ₁	1996 08 19.89334	21 44 32.29	+04 40 47.4		557
1989 RS ₁	1996 08 19.91902	21 44 34.73	+04 40 30.7		557
1989 RS ₁	1996 08 20.05150	21 44 47.10	+04 39 03.9		557
1989 RS ₁	1996 08 20.05534	21 44 47.48	+04 39 01.9		557
1991 CS	1996 08 06.93565	23 15 52.01	+59 22 55.1		557
1991 CS	1996 08 06.97352	23 16 00.50	+59 22 35.0		557
1991 CS	1996 08 06.97888	23 16 01.71	+59 22 32.4		557
1991 CS	1996 08 07.00872	23 16 08.36	+59 22 15.5		557
1991 CS	1996 08 07.01978	23 16 10.79	+59 22 08.8		557
1991 CS	1996 08 07.03017	23 16 13.10	+59 22 03.2		557
1991 CS	1996 08 08.87322	23 24 06.24	+58 59 33.4		557
1991 CS	1996 08 08.93390	23 24 22.00	+58 58 47.7		557
1991 CS	1996 08 08.97328	23 24 32.09	+58 58 16.5		557
1991 CS	1996 08 09.01271	23 24 42.11	+58 57 43.8		557
1991 CS	1996 08 09.09243	23 25 02.48	+58 56 33.3		557
1991 CS	1996 08 21.81496	01 06 51.40	+46 10 46.4		557
1991 CS	1996 08 21.85807	01 07 26.14	+46 03 26.8		557
1991 CS	1996 08 21.89328	01 07 54.28	+45 57 23.5		557
1991 CS	1996 08 22.02086	01 09 35.10	+45 34 52.6		557
1991 CS	1996 08 22.04933	01 09 57.50	+45 29 42.4		557
1991 CS	1996 08 22.11011	01 10 45.32	+45 18 28.7		557
1991 CS	1996 08 23.07655	01 24 40.67	+41 55 11.5		557
1991 CS	1996 08 23.08226	01 24 45.61	+41 53 50.6		557
1991 CS	1996 08 23.08891	01 24 51.35	+41 52 16.3		557
1991 CS	1996 08 23.93642	01 38 09.86	+38 07 42.2		557
1991 CS	1996 08 23.95759	01 38 29.97	+38 01 32.8		557
1991 CS	1996 08 23.97731	01 38 48.67	+37 55 46.6		557
1991 CS	1996 08 24.01575	01 39 24.94	+37 44 25.6		557
1991 CS	1996 08 24.03557	01 39 43.62	+37 38 31.3		557
1991 CS	1996 08 24.05252	01 39 59.58	+37 33 26.1		557

1991 CS	1996 08 24.10420	01 40 48.33	+37 17 43.7	
1995 HA	1996 08 05.90323	20 30 08.89	-05 03 52.2	
1995 HA	1996 08 05.90975	20 30 08.66	-05 03 53.8	
1995 HA	1996 08 05.94405	20 30 07.00	-05 04 02.1	
1996 LJ ₁	1996 08 05.89625	17 26 42.92	-04 49 57.6	
1996 LJ ₁	1996 08 05.89964	17 26 42.92	-04 49 58.5	
1996 LJ ₁	1996 08 05.92012	17 26 43.00	-04 50 03.4	
1996 LJ ₁	1996 08 05.92323	17 26 43.01	-04 50 04.7	
1996 LJ ₁	1996 08 05.92652	17 26 43.03	-04 50 04.4	
1996 LJ ₁	1996 08 19.87102	17 30 28.42	-05 45 41.3	
1996 OO	1996 08 05.90654	20 33 32.07	-04 41 02.9	
1996 OO	1996 08 05.91278	20 33 31.82	-04 41 04.4	
1996 OO	1996 08 05.91630	20 33 31.69	-04 41 05.2	
1996 OO	1996 08 19.87512	20 25 25.49	-05 20 39.7	
1996 OO	1996 08 19.87826	20 25 25.43	-05 20 39.4	
1996 PA	1996 08 09.05578	23 01 23.22	-06 38 16.0	
1996 PA	1996 08 09.05947	23 01 23.35	-06 38 26.7	
1996 PW	1996 08 16.02530	22 20 17.58	-14 22 04.2	
1996 PW	1996 08 16.02905	22 20 17.58	-14 22 08.5	
1996 PW	1996 08 16.03826	22 20 17.50	-14 22 19.2	
1996 PW	1996 08 16.04157	22 20 17.46	-14 22 22.6	
1996 PC ₁	1996 08 19.03152	22 01 52.01	-11 25 53.5	
1996 PC ₁	1996 08 19.03289	22 01 51.43	-11 25 32.5	
1996 PC ₁	1996 08 19.03426	22 01 50.92	-11 25 11.5	
1996 PC ₁	1996 08 21.89889	21 42 39.41	+02 13 31.1	
1996 PC ₁	1996 08 21.90049	21 42 38.69	+02 14 00.7	
1996 PC ₁	1996 08 21.90164	21 42 38.15	+02 14 22.4	
1996 PC ₁	1996 08 21.90269	21 42 37.67	+02 14 41.5	
1996 PC ₁	1996 08 22.86406	21 35 31.45	+07 19 05.8	
1996 PC ₁	1996 08 22.86557	21 35 30.72	+07 19 34.8	16.4 V
1996 PC ₁	1996 08 22.86653	21 35 30.26	+07 19 53.3	
1996 PC ₁	1996 08 22.86753	21 35 29.77	+07 20 12.5	
1996 QD	* 1996 08 16.00346	21 38 03.26	+05 19 56.3	17.2 V
1996 QD	1996 08 16.00664	21 38 03.10	+05 19 54.6	
1996 QD	1996 08 18.86678	21 35 54.24	+04 59 10.0	
1996 QD	1996 08 18.86916	21 35 54.10	+04 59 09.2	17.2 V
1996 QD	1996 08 18.87841	21 35 53.66	+04 59 05.0	
1996 QD	1996 08 19.90065	21 35 07.95	+04 51 13.3	
1996 QD	1996 08 19.91196	21 35 07.44	+04 51 08.0	
1996 QD	1996 08 19.92227	21 35 06.95	+04 51 03.3	
1996 QD	1996 08 20.09047	21 34 59.21	+04 49 44.4	
1996 QD	1996 08 20.09360	21 34 59.05	+04 49 42.8	
1996 QD	1996 08 23.04436	21 32 50.10	+04 25 46.9	
1996 QD	1996 08 23.04811	21 32 49.97	+04 25 44.5	
1996 QD	1996 08 23.06752	21 32 49.07	+04 25 34.5	
(3103)	1996 07 26.96676	23 31 39.11	-02 57 10.5	
(3103)	1996 07 26.98433	23 31 48.77	-02 58 50.7	
(3103)	1996 07 27.00101	23 31 57.96	-03 00 25.8	
(3103)	1996 07 27.03081	23 32 14.37	-03 03 16.3	
(3103)	1996 07 27.08253	23 32 42.84	-03 08 12.4	
(3908)	1996 08 20.83963	21 06 34.68	-06 03 44.1	
(3908)	1996 08 20.87907	21 06 32.17	-06 03 22.0	

(3908)	1996 08 20.90266	21 06 30.65	-06 03 08.7	15.5 V	557
(3908)	1996 08 20.96325	21 06 26.74	-06 02 34.5		557
(3908)	1996 08 21.00249	21 06 24.21	-06 02 12.0	15.5 V	557

560 Madonna di Dossobuono

L. Lai, Via Mantovana 130e, I-37062 Dossobuono (Verona), Italy

[astrofil@astbo1.bo.cnr.it]

Observers L. Lai, I. Rocchetti, G. Vesentini

0.40-m $f/3.5$ reflector + CCD

GSC

1985 HS ₁	1996 07 30.87884	17 52 57.67	+13 44 19.5	16.7 V	560
1985 HS ₁	1996 07 30.88280	17 52 57.60	+13 44 15.5		560
1985 HS ₁	1996 07 30.88811	17 52 57.58	+13 44 10.9		560
1996 KQ	1996 07 08.85517	13 53 46.31	-03 45 36.9	18.1 V	560
1996 KQ	1996 07 08.86062	13 53 46.52	-03 45 39.0		560
1996 KQ	1996 07 08.86661	13 53 46.75	-03 45 41.7		560
(7047)	1996 07 18.96258	18 24 15.03	+15 12 05.3	15.9 V	560
(7047)	1996 07 18.96709	18 24 14.96	+15 12 00.3		560
(7047)	1996 07 18.97207	18 24 14.73	+15 11 55.2		560
(7047)	1996 07 22.89592	18 22 25.60	+13 57 52.2	16.0 V	560
(7047)	1996 07 22.90055	18 22 25.52	+13 57 45.9		560
(7047)	1996 07 22.90603	18 22 25.37	+13 57 39.7		560
(7086)	1996 07 22.92390	19 15 52.71	+28 34 41.7	16.5 V	560
(7086)	1996 07 22.92940	19 15 52.38	+28 34 40.2		560
(7086)	1996 07 22.93286	19 15 52.17	+28 34 39.5		560

563 Seewalchen

M. Bressler, Sachsenstrasse 40, A-4863 Seewalchen a. A., Austria

0.25-m $f/6$ reflector + CCD

GSC

1985 HS ₁	1996 07 20.89571	17 55 42.39	+16 08 10.6	16.4 R	563
1985 HS ₁	1996 07 20.89973	17 55 42.18	+16 08 06.9	16.4 R	563
1985 HS ₁	1996 07 20.90675	17 55 42.09	+16 08 00.4	16.4 R	563
(7086)	1996 07 19.96322	19 18 55.96	+28 44 40.0	16.0 R	563
(7086)	1996 07 19.96712	19 18 55.73	+28 44 39.1	15.9 R	563
(7086)	1996 07 19.97333	19 18 55.38	+28 44 38.6	15.6 R	563
(7086)	1996 07 19.97680	19 18 55.09	+28 44 37.8	15.5 R	563
(7091)	1996 07 22.86782	19 52 50.85	+17 40 51.7	15.7 R	563
(7091)	1996 07 22.88443	19 52 49.84	+17 40 51.6	16.0 R	563
(7091)	1996 07 22.90608	19 52 48.43	+17 40 50.8	16.5 R	563

566 Haleakala-NEAT/GEODSS

E. F. Helin, MS 183-501, Jet Propulsion Laboratory, Pasadena, CA 91109, U.S.A.

[efh@ipl.jpl.nasa.gov]

Observers E. F. Helin, S. H. Pravdo, K. J. Lawrence, S. Groom, C. Clark,
R. Bamberg, S. Levin, J. Lorre, S. Shaklan, R. Byrd, A. Esquibel, C. Cotton,
D. Bascon1-m $f/2.2$ Ritchey-Chrétien + CCD

1930 UX	1996 08 17.35483	20 48 03.66	-20 42 25.4	16.9 V	566
1930 UX	1996 08 17.36325	20 48 03.11	-20 42 25.6	16.9 V	566
1930 UX	1996 08 17.37361	20 48 02.43	-20 42 25.8	16.9 V	566
1975 XP ₃	1996 08 16.52363	21 43 59.29	-17 16 47.5	17.7 V	566
1975 XP ₃	1996 08 16.53597	21 43 58.50	-17 16 50.5	17.9 V	566

1975 XP ₃	1996 08 16.54440	21 43 57.98	-17 16 52.9	18.3 V	566	1988 RW ₁₂	1996 08 12.39230	20 32 00.79	-15 23 12.2	17.5 V	566
1977 FS	1996 08 17.46325	21 25 02.04	-13 29 31.2	17.3 V	566	1988 RW ₁₂	1996 08 12.40070	20 32 00.39	-15 23 12.8	17.4 V	566
1977 FS	1996 08 17.47384	21 25 01.44	-13 29 30.3	17.4 V	566	1988 RW ₁₂	1996 08 12.41115	20 31 59.86	-15 23 13.5	17.3 V	566
1977 FS	1996 08 17.48339	21 25 00.88	-13 29 29.4	17.4 V	566	1988 SQ	1996 08 19.51351	23 32 21.72	-06 31 20.2	17.8 V	566
1978 RM ₇	1996 08 12.53209	22 40 16.03	-05 34 48.6	18.6 V	566	1988 SQ	1996 08 19.52399	23 32 21.34	-06 31 21.1	17.8 V	566
1978 RM ₇	1996 08 12.54304	22 40 15.51	-05 34 51.5	18.6 V	566	1988 SQ	1996 08 19.53240	23 32 21.02	-06 31 21.4	17.8 V	566
1978 RM ₇	1996 08 12.55346	22 40 14.97	-05 34 54.4	18.5 V	566	1989 AD ₃	1996 08 16.49022	20 52 12.37	-17 33 58.2	19.2 V	566
1978 SQ ₇	1996 05 14.38732	14 53 20.85	-13 15 00.6	18.1 V	566	1989 AD ₃	1996 08 16.49860	20 52 11.95	-17 33 59.5	18.8 V	566
1978 SQ ₇	1996 05 14.40960	14 53 19.52	-13 14 54.0	18.3 V	566	1989 AD ₃	1996 08 16.50765	20 52 11.51	-17 34 01.4	18.6 V	566
1978 SQ ₇	1996 05 14.42790	14 53 18.45	-13 14 47.8	18.1 V	566	1989 AL ₇	1996 08 20.33565	21 33 21.71	-14 00 05.6	18.8 V	566
1978 VD ₇	1996 08 10.39780	20 49 16.28	-22 00 16.1	19.2 V	566	1989 AL ₇	1996 08 20.34474	21 33 21.27	-14 00 08.3	18.9 V	566
1978 VD ₇	1996 08 10.40628	20 49 15.86	-22 00 18.2	18.8 V	566	1989 AL ₇	1996 08 20.35318	21 33 20.86	-14 00 10.9	19.4 V	566
1978 VD ₇	1996 08 10.41470	20 49 15.41	-22 00 19.8	18.7 V	566	1989 EN ₂	1996 08 15.60859	22 30 43.64	-10 12 13.0	16.7 V	566
1978 WB	1996 08 12.35223	20 35 55.20	-22 28 31.1	18.7 V	566	1989 EN ₂	1996 08 15.62086	22 30 42.90	-10 12 15.9	16.8 V	566
1978 WB	1996 08 12.36240	20 35 54.58	-22 28 33.5	18.7 V	566	1989 EN ₂	1996 08 15.63125	22 30 42.27	-10 12 18.5	16.8 V	566
1978 WB	1996 08 12.37096	20 35 54.07	-22 28 35.1	18.8 V	566	1989 SE ₈	1996 08 12.47776	22 06 51.08	-13 11 11.3	17.3 V	566
1979 MJ ₅	1996 08 17.33159	21 04 22.05	-12 41 48.7	18.6 V	566	1989 SE ₈	1996 08 12.48620	22 06 50.59	-13 11 12.8	17.3 V	566
1979 MJ ₅	1996 08 17.34026	21 04 21.58	-12 41 51.9	18.6 V	566	1989 SE ₈	1996 08 12.49461	22 06 50.05	-13 11 14.2	17.3 V	566
1979 MJ ₅	1996 08 17.34928	21 04 21.04	-12 41 55.0	18.4 V	566	1990 VV ₃	1996 08 14.35578	19 55 27.57	-23 02 03.8	17.6 V	566
1979 MR ₆	1996 08 14.55319	22 36 35.67	-06 50 22.3	19.1 V	566	1990 VV ₃	1996 08 14.36777	19 55 27.00	-23 02 04.1	17.5 V	566
1979 MR ₆	1996 08 14.56165	22 36 35.22	-06 50 25.9	19.1 V	566	1990 VV ₃	1996 08 14.37811	19 55 26.55	-23 02 04.0	17.6 V	566
1979 MR ₆	1996 08 14.57006	22 36 34.77	-06 50 29.4	19.2 V	566	1991 CS	1996 08 20.59978	00 51 20.24	+49 15 32.3	14.3 V	566
1979 UH	1996 08 09.42257	20 52 06.08	-17 44 21.2	18.1 V	566	1991 CS	1996 08 20.60823	00 51 25.86	+49 14 25.2	14.8 V	566
1979 UH	1996 08 09.44304	20 52 04.94	-17 44 29.0	18.2 V	566	1991 CS	1996 08 20.61668	00 51 31.55	+49 13 17.5	14.8 V	566
1979 UH	1996 08 09.45215	20 52 04.46	-17 44 32.2	18.2 V	566	1991 CN ₁	1996 08 15.46147	21 46 39.89	-10 39 01.9	19.0 V	566
1981 EC ₂	1996 08 14.55488	22 32 29.17	-05 30 01.0	18.3 V	566	1991 CN ₁	1996 08 15.47129	21 46 39.35	-10 39 05.0	18.9 V	566
1981 EC ₂	1996 08 14.56355	22 32 28.64	-05 30 01.6	18.6 V	566	1991 CN ₁	1996 08 15.47972	21 46 38.85	-10 39 07.8	18.9 V	566
1981 EC ₂	1996 08 14.57394	22 32 28.15	-05 30 02.4	18.2 V	566	1991 PQ ₁	1996 08 15.60859	22 31 39.64	-09 26 39.7	17.1 V	566
1981 EV ₇	1996 08 19.34848	20 59 15.56	-10 37 06.0	18.3 V	566	1991 PQ ₁	1996 08 15.62086	22 31 39.07	-09 26 43.6	17.1 V	566
1981 EV ₇	1996 08 19.35688	20 59 15.15	-10 37 07.3	18.1 V	566	1991 PQ ₁	1996 08 15.63125	22 31 38.61	-09 26 47.0	17.0 V	566
1981 EV ₇	1996 08 19.36655	20 59 14.67	-10 37 09.3	18.3 V	566	1991 PQ ₁	1996 08 17.43473	22 30 20.52	-09 36 29.4	17.4 V	566
1981 EK ₁₉	1996 08 20.47659	22 38 39.98	-09 05 13.5	17.1 V	566	1991 PQ ₁	1996 08 17.44325	22 30 20.12	-09 36 32.0	17.5 V	566
1981 EK ₁₉	1996 08 20.48696	22 38 39.33	-09 05 14.8	17.1 V	566	1991 PQ ₁	1996 08 17.45295	22 30 19.67	-09 36 35.3	17.4 V	566
1981 EK ₁₉	1996 08 20.49535	22 38 38.79	-09 05 16.0	17.1 V	566	1992 EA	1996 08 12.43244	21 21 02.89	-16 12 55.6	16.9 V	566
1981 EX ₂₈	1996 08 09.45036	20 51 05.93	-14 17 58.4	18.0 V	566	1992 EA	1996 08 12.44297	21 21 02.21	-16 12 58.1	16.8 V	566
1981 EX ₂₈	1996 08 09.45877	20 51 05.38	-14 17 58.3	18.0 V	566	1992 EA	1996 08 12.45153	21 21 01.66	-16 13 00.0	16.8 V	566
1981 EX ₂₈	1996 08 09.46722	20 51 04.83	-14 17 58.6	18.0 V	566	1992 EK ₁	1996 08 17.52421	22 52 48.73	-07 14 59.9	17.4 V	566
1981 UQ ₂₉	1996 08 16.49392	20 50 38.93	-15 46 28.7	17.0 V	566	1992 EK ₁	1996 08 17.53272	22 52 48.19	-07 15 00.8	17.4 V	566
1981 UQ ₂₉	1996 08 16.50428	20 50 38.32	-15 46 31.0	17.0 V	566	1992 EK ₁	1996 08 17.54127	22 52 47.66	-07 15 01.8	17.4 V	566
1981 UQ ₂₉	1996 08 16.51462	20 50 37.73	-15 46 33.5	17.1 V	566	1992 GE ₂	1996 08 09.33023	19 45 43.51	-27 24 28.7	17.8 V	566
1985 CX ₁	1996 08 16.46150	21 05 09.39	-12 01 07.1	18.7 V	566	1992 GE ₂	1996 08 09.34120	19 45 42.86	-27 24 28.7	18.1 V	566
1985 CX ₁	1996 08 16.46988	21 05 08.88	-12 01 09.6	18.7 V	566	1992 GE ₂	1996 08 09.35036	19 45 42.31	-27 24 28.4	17.8 V	566
1985 CX ₁	1996 08 16.47830	21 05 08.41	-12 01 11.8	18.7 V	566	1992 GG ₃	1996 08 12.53031	22 43 44.03	-06 29 20.7	19.2 V	566
1985 TR	1996 08 14.46360	22 20 08.85	-15 13 06.6	17.6 V	566	1992 GG ₃	1996 08 12.54127	22 43 43.45	-06 29 24.7	19.0 V	566
1985 TR	1996 08 14.47209	22 20 08.36	-15 13 08.9	17.6 V	566	1992 GG ₃	1996 08 12.54965	22 43 43.01	-06 29 27.0	19.0 V	566
1985 TR	1996 08 14.48252	22 20 07.75	-15 13 11.6	17.7 V	566	1992 GG ₃	1996 08 20.49289	22 36 34.27	-07 09 12.3	17.7 V	566
1985 TR	1996 08 17.38260	22 17 25.21	-15 26 07.2	17.9 V	566	1992 GG ₃	1996 08 20.50139	22 36 33.76	-07 09 14.8	17.9 V	566
1985 TR	1996 08 17.39153	22 17 24.69	-15 26 09.3	18.0 V	566	1992 GG ₃	1996 08 20.51430	22 36 32.99	-07 09 19.4	17.8 V	566
1985 TR	1996 08 17.40001	22 17 24.22	-15 26 11.7	18.3 V	566	1992 SN	1996 08 17.40720	22 02 32.02	-08 29 35.8	16.8 V	566
1988 DD	1996 08 15.37888	20 16 22.59	-18 53 27.5	18.6 V	566	1992 SN	1996 08 17.41960	22 02 31.31	-08 29 37.3	17.0 V	566
1988 DD	1996 08 15.38735	20 16 22.12	-18 53 31.2	18.8 V	566	1992 SN	1996 08 17.43291	22 02 30.54	-08 29 38.9	17.2 V	566
1988 DD	1996 08 15.39617	20 16 21.66	-18 53 35.0	18.5 V	566	1993 BE ₅	1996 08 10.41651	20 42 57.43	-18 13 34.0	18.7 V	566

1993 BE ₅	1996 08 10.42493	20 42 57.06	-18 13 34.9	18.6 V	566	1996 NB	1996 08 15.46317	21 01 11.48	-15 18 07.7	18.8 V	566
1993 BE ₅	1996 08 10.43331	20 42 56.72	-18 13 36.4	18.8 V	566	1996 NC	1996 08 10.38766	19 42 25.07	-22 58 15.6	18.8 V	566
1993 SE	1996 08 17.29658	19 57 26.52	-22 49 31.2	17.5 V	566	1996 NC	1996 08 10.39608	19 42 24.74	-22 58 16.8	18.6 V	566
1993 SE	1996 08 17.31102	19 57 25.89	-22 49 29.9	17.5 V	566	1996 NC	1996 08 10.40447	19 42 24.33	-22 58 17.1	18.8 V	566
1993 SE	1996 08 17.32231	19 57 25.37	-22 49 28.8	17.5 V	566	1996 NG	1996 08 09.36299	19 48 16.82	-23 34 41.3	18.6 V	566
1993 VA	1996 08 12.43067	21 23 06.12	-17 11 46.6	18.3 V	566	1996 NG	1996 08 09.37403	19 48 16.33	-23 34 43.9	18.7 V	566
1993 VA	1996 08 12.44118	21 23 04.86	-17 11 56.5	18.3 V	566	1996 NG	1996 08 09.38439	19 48 15.91	-23 34 46.1	18.6 V	566
1993 VA	1996 08 12.44969	21 23 03.87	-17 12 04.5	18.4 V	566	1996 NL ₁	1996 08 10.36835	19 41 31.00	-20 11 51.3	18.1 V	566
1994 AQ ₁	1996 08 15.30384	19 21 31.77	-21 41 13.1	18.6 V	566	1996 NL ₁	1996 08 10.37679	19 41 30.57	-20 11 51.4	18.5 V	566
1994 AQ ₁	1996 08 15.31386	19 21 31.44	-21 41 13.3	18.6 V	566	1996 NL ₁	1996 08 10.38587	19 41 30.13	-20 11 51.5	18.4 V	566
1994 AQ ₁	1996 08 15.32435	19 21 31.11	-21 41 13.5	18.6 V	566	1996 NT ₁	1996 08 09.35943	19 45 32.55	-21 25 09.8	18.3 V	566
1994 AY ₁	1996 08 10.46389	21 29 08.83	-14 03 17.8	17.5 V	566	1996 NT ₁	1996 08 09.36792	19 45 32.16	-21 25 07.2	18.3 V	566
1994 AY ₁	1996 08 10.47232	21 29 08.37	-14 03 20.1	17.5 V	566	1996 NT ₁	1996 08 09.37762	19 45 31.69	-21 25 04.5	18.4 V	566
1994 AY ₁	1996 08 10.48072	21 29 07.91	-14 03 22.3	17.7 V	566	1996 NU ₁	1996 08 09.36121	19 46 27.04	-23 08 56.9	17.8 V	566
1994 AQ ₂	1996 08 13.29571	20 28 52.44	-20 52 42.7	18.5 V	566	1996 NU ₁	1996 08 09.36984	19 46 26.60	-23 08 55.6	17.7 V	566
1994 AQ ₂	1996 08 13.31983	20 28 51.23	-20 52 47.1	18.4 V	566	1996 NU ₁	1996 08 09.37944	19 46 26.12	-23 08 54.4	17.9 V	566
1994 AQ ₂	1996 08 13.33113	20 28 50.67	-20 52 49.5	18.0 V	566	1996 NA ₂	1996 08 09.33414	19 47 12.84	-20 13 34.0	18.9 V	566
1994 AX ₂	1996 08 19.34848	20 59 06.03	-10 22 24.9	17.8 V	566	1996 NA ₂	1996 08 09.34680	19 47 12.15	-20 13 33.4	18.8 V	566
1994 AX ₂	1996 08 19.35688	20 59 05.63	-10 22 25.9	17.6 V	566	1996 NA ₂	1996 08 09.35763	19 47 11.52	-20 13 33.4	19.2 V	566
1994 AX ₂	1996 08 19.36655	20 59 05.15	-10 22 26.5	17.5 V	566	1996 NB ₂	1996 08 09.33414	19 49 16.20	-19 58 05.3	19.1 V	566
1994 AX ₂	1996 08 20.29350	20 58 21.48	-10 23 33.2	18.6 V	566	1996 NB ₂	1996 08 09.34680	19 49 15.51	-19 58 04.5	18.9 V	566
1994 AX ₂	1996 08 20.30542	20 58 20.88	-10 23 33.8	18.7 V	566	1996 NB ₂	1996 08 09.35763	19 49 14.94	-19 58 03.8	19.0 V	566
1994 AX ₂	1996 08 20.31386	20 58 20.49	-10 23 34.4	18.5 V	566	1996 ND ₂	1996 08 17.46514	21 25 50.16	-12 04 25.0	18.4 V	566
1994 AK ₁₅	1996 08 14.43580	21 08 26.04	-15 41 19.6	16.8 V	566	1996 ND ₂	1996 08 17.47565	21 25 49.59	-12 04 27.6	18.3 V	566
1994 AK ₁₅	1996 08 14.44614	21 08 25.40	-15 41 20.3	16.8 V	566	1996 ND ₂	1996 08 17.48523	21 25 49.10	-12 04 29.9	18.3 V	566
1994 AK ₁₅	1996 08 14.45648	21 08 24.77	-15 41 21.0	16.9 V	566	1996 NS ₂	1996 08 09.47411	21 35 33.02	-13 30 53.0	18.5 V	566
1994 CS	1996 08 17.51873	23 00 39.55	-09 16 12.2	19.1 V	566	1996 NS ₂	1996 08 09.48347	21 35 32.45	-13 30 57.0	18.6 V	566
1994 CS	1996 08 17.52907	23 00 39.14	-09 16 15.6	19.3 V	566	1996 NS ₂	1996 08 09.49190	21 35 31.95	-13 31 00.4	18.6 V	566
1994 CS	1996 08 17.53749	23 00 38.81	-09 16 18.3	19.7 V	566	1996 NS ₂	1996 08 17.46141	21 27 47.94	-14 26 38.8	18.6 V	566
1994 CB ₁	1996 08 16.44943	20 02 05.65	-16 24 15.7	19.4 V	566	1996 NS ₂	1996 08 17.47208	21 27 47.30	-14 26 43.0	18.6 V	566
1994 CB ₁	1996 08 16.45786	20 02 05.24	-16 24 16.4	19.3 V	566	1996 NS ₂	1996 08 17.48158	21 27 46.71	-14 26 47.0	18.6 V	566
1994 CB ₁	1996 08 16.46625	20 02 04.83	-16 24 18.0	19.4 V	566	1996 NE ₃	1996 08 09.47411	21 37 50.17	-14 35 12.3	18.0 V	566
1994 CJ ₁₁	1996 08 14.50240	23 01 14.09	-10 51 19.5	18.4 V	566	1996 NE ₃	1996 08 09.48347	21 37 49.61	-14 35 15.6	17.9 V	566
1994 CJ ₁₁	1996 08 14.51306	23 01 13.69	-10 51 26.9	18.4 V	566	1996 NE ₃	1996 08 09.49190	21 37 49.06	-14 35 18.8	17.8 V	566
1994 CJ ₁₁	1996 08 14.52151	23 01 13.40	-10 51 33.1	18.5 V	566	1996 NE ₃	1996 08 17.46141	21 29 52.39	-15 24 56.3	17.5 V	566
1995 DJ ₁	1996 08 14.55319	22 37 04.81	-07 29 12.7	17.3 V	566	1996 NE ₃	1996 08 17.47208	21 29 51.72	-15 25 00.2	17.6 V	566
1995 DJ ₁	1996 08 14.56165	22 37 04.35	-07 29 14.7	17.3 V	566	1996 NE ₃	1996 08 17.48158	21 29 51.12	-15 25 03.9	17.6 V	566
1995 DJ ₁	1996 08 14.57006	22 37 03.91	-07 29 16.7	17.3 V	566	1996 NF ₄	1996 08 15.50295	21 39 28.06	-10 22 37.7	17.7 V	566
1995 FZ	1996 08 14.57754	23 23 20.54	-07 51 39.7	18.6 V	566	1996 NF ₄	1996 08 15.51139	21 39 27.61	-10 22 38.5	17.5 V	566
1995 FZ	1996 08 14.58597	23 23 20.18	-07 51 41.9	18.6 V	566	1996 NF ₄	1996 08 15.52033	21 39 27.12	-10 22 38.9	17.6 V	566
1995 FZ	1996 08 14.59436	23 23 19.82	-07 51 44.5	19.2 V	566	1996 NL ₄	1996 08 15.46147	21 44 40.69	-10 59 50.3	19.1 V	566
1996 EN	1996 08 09.27218	13 15 44.15	+46 49 06.6	18.0 V	566	1996 NL ₄	1996 08 15.47129	21 44 40.10	-10 59 53.8	19.3 V	566
1996 EN	1996 08 09.28146	13 15 45.91	+46 48 58.1	17.9 V	566	1996 NL ₄	1996 08 15.47972	21 44 39.69	-10 59 56.4	19.4 V	566
1996 EN	1996 08 09.29003	13 15 47.57	+46 48 50.3	18.2 V	566	1996 NL ₄	1996 08 17.40172	21 43 02.35	-11 10 03.6	18.2 V	566
1996 MS	1996 08 09.39359	23 27 03.42	-10 14 14.3	17.5 V	566	1996 NL ₄	1996 08 17.41014	21 43 01.90	-11 10 06.3	18.3 V	566
1996 MS	1996 08 09.40208	23 27 03.57	-10 14 18.9	17.6 V	566	1996 NL ₄	1996 08 17.42137	21 43 01.26	-11 10 09.8	18.1 V	566
1996 MS	1996 08 09.41056	23 27 03.73	-10 14 23.2	17.5 V	566	1996 NM ₄	1996 08 15.46147	21 46 14.76	-10 22 35.1	17.3 V	566
1996 MS	1996 08 20.49896	23 29 22.28	-12 04 26.0	17.0 V	566	1996 NM ₄	1996 08 15.47129	21 46 14.28	-10 22 39.1	17.3 V	566
1996 MS	1996 08 20.51251	23 29 22.24	-12 04 34.9	17.1 V	566	1996 NM ₄	1996 08 15.47972	21 46 13.88	-10 22 42.4	17.4 V	566
1996 MS	1996 08 20.52287	23 29 22.21	-12 04 41.8	17.1 V	566	1996 NP ₄	1996 08 09.36485	21 44 52.12	-12 06 40.1	17.7 V	566
1996 NB	1996 08 15.44202	21 01 12.48	-15 17 57.6	18.9 V	566	1996 NP ₄	1996 08 09.37583	21 44 51.46	-12 06 40.3	17.7 V	566
1996 NB	1996 08 15.45353	21 01 11.96	-15 18 03.1	18.8 V	566	1996 NP ₄	1996 08 09.38626	21 44 50.81	-12 06 40.8	17.7 V	566

1996 NP ₄	1996 08 16.55169	21 37 41.70	-12 11 25.9	18.6 V	566	1996 PP	1996 08 09.37583	21 48 35.94	-12 59 58.8	17.6 V	566
1996 NP ₄	1996 08 16.58323	21 37 39.75	-12 11 27.4	19.0 V	566	1996 PP	1996 08 09.38626	21 48 35.46	-13 00 01.9	17.7 V	566
1996 NP ₄	1996 08 16.59355	21 37 39.17	-12 11 27.1	18.7 V	566	1996 PP	1996 08 11.57826	21 46 53.68	-13 10 52.1	18.5 V	566
1996 NV ₄	1996 08 15.46147	21 45 49.19	-10 00 00.0	19.4 V	566	1996 PP	1996 08 11.58933	21 46 53.10	-13 10 55.7	18.6 V	566
1996 NV ₄	1996 08 15.47129	21 45 48.67	-10 00 02.0	19.1 V	566	1996 PP	1996 08 11.59985	21 46 52.62	-13 10 58.3	18.6 V	566
1996 NV ₄	1996 08 15.47972	21 45 48.19	-10 00 03.9	19.0 V	566	1996 PP	1996 08 15.49929	21 43 49.73	-13 30 23.6	18.1 V	566
1996 NW ₄	1996 08 17.40172	21 46 08.16	-12 10 15.9	19.1 V	566	1996 PP	1996 08 15.50770	21 43 49.29	-13 30 25.6	18.0 V	566
1996 NW ₄	1996 08 17.41014	21 46 07.72	-12 10 18.5	18.8 V	566	1996 PP	1996 08 15.51667	21 43 48.89	-13 30 28.9	18.1 V	566
1996 NW ₄	1996 08 17.42137	21 46 07.13	-12 10 22.0	19.0 V	566	1996 PQ	* 1996 08 09.36485	21 48 44.97	-11 48 46.1	17.7 V	566
1996 NW ₄	1996 08 19.40503	21 44 26.02	-12 21 07.8	19.2 V	566	1996 PQ	1996 08 09.37583	21 48 44.34	-11 48 51.5	17.7 V	566
1996 NW ₄	1996 08 19.41548	21 44 25.50	-12 21 10.9	19.2 V	566	1996 PQ	1996 08 09.38626	21 48 43.79	-11 48 56.4	17.7 V	566
1996 NW ₄	1996 08 19.42590	21 44 24.95	-12 21 14.4	19.3 V	566	1996 PQ	1996 08 11.57826	21 46 48.15	-12 06 57.3	17.5 V	566
1996 NZ ₄	1996 07 22.60279	22 21 16.47	-09 23 58.3	17.9 V	566	1996 PQ	1996 08 11.58933	21 46 47.51	-12 07 02.7	17.6 V	566
1996 NZ ₄	1996 07 22.61118	22 21 15.98	-09 23 51.4	18.1 V	566	1996 PQ	1996 08 11.59985	21 46 46.94	-12 07 07.7	17.4 V	566
1996 NZ ₄	1996 07 22.62068	22 21 15.42	-09 23 43.9	18.4 V	566	1996 PQ	1996 08 15.50107	21 43 16.89	-12 39 46.3	18.1 V	566
1996 OK	1996 08 15.41031	21 05 34.07	-20 39 57.8	17.4 V	566	1996 PQ	1996 08 15.50960	21 43 16.40	-12 39 50.7	17.9 V	566
1996 OK	1996 08 15.42069	21 05 33.63	-20 40 04.9	17.4 V	566	1996 PQ	1996 08 15.51851	21 43 15.92	-12 39 55.0	18.1 V	566
1996 OK	1996 08 15.42910	21 05 33.24	-20 40 10.4	17.4 V	566	1996 PR	* 1996 08 09.46387	21 38 49.07	-16 02 19.1	18.0 V	566
1996 OP	1996 08 09.35943	19 44 46.99	-20 43 37.4	18.8 V	566	1996 PR	1996 08 09.47231	21 38 48.30	-16 02 14.4	17.9 V	566
1996 OP	1996 08 09.36792	19 44 46.62	-20 43 38.6	18.7 V	566	1996 PR	1996 08 09.48073	21 38 47.56	-16 02 09.2	17.9 V	566
1996 OP	1996 08 09.37762	19 44 46.24	-20 43 39.7	18.8 V	566	1996 PR	1996 08 12.40254	21 34 43.04	-15 32 46.6	17.5 V	566
1996 OQ ₁	1996 08 15.60859	22 28 13.54	-09 07 41.5	18.2 V	566	1996 PR	1996 08 12.41302	21 34 42.09	-15 32 40.2	17.5 V	566
1996 OQ ₁	1996 08 15.62086	22 28 12.96	-09 07 44.8	18.2 V	566	1996 PR	1996 08 12.42148	21 34 41.33	-15 32 35.1	17.3 V	566
1996 OQ ₁	1996 08 15.63125	22 28 12.47	-09 07 47.0	18.1 V	566	1996 PS	* 1996 08 09.47411	21 36 44.43	-13 33 56.4	18.0 V	566
1996 OB ₃	* 1996 07 23.55196	22 19 52.29	-08 02 00.7	19.5 V	566	1996 PS	1996 08 09.48347	21 36 43.82	-13 33 57.5	17.8 V	566
1996 OB ₃	1996 07 23.56362	22 19 51.82	-08 02 00.9	19.5 V	566	1996 PS	1996 08 09.49190	21 36 43.25	-13 33 58.5	17.8 V	566
1996 OB ₃	1996 07 23.57206	22 19 51.51	-08 02 00.9	19.7 V	566	1996 PS	1996 08 12.40428	21 33 38.70	-13 40 10.7	19.1 V	566
1996 OB ₃	1996 08 19.46190	21 57 51.31	-08 21 50.5	18.7 V	566	1996 PS	1996 08 12.41475	21 33 37.95	-13 40 11.6	18.4 V	566
1996 OB ₃	1996 08 19.47034	21 57 50.83	-08 21 51.4	18.6 V	566	1996 PS	1996 08 12.42330	21 33 37.39	-13 40 13.0	19.0 V	566
1996 OB ₃	1996 08 19.47880	21 57 50.32	-08 21 52.4	18.7 V	566	1996 PS	1996 08 17.46325	21 28 18.98	-13 50 43.4	18.0 V	566
1996 PA	1996 08 14.50240	23 04 25.83	-11 07 31.7	15.3 V	566	1996 PS	1996 08 17.47384	21 28 18.27	-13 50 44.4	18.2 V	566
1996 PA	1996 08 14.51306	23 04 26.02	-11 08 03.7	15.2 V	566	1996 PS	1996 08 17.48339	21 28 17.70	-13 50 45.7	18.2 V	566
1996 PA	1996 08 14.52151	23 04 26.17	-11 08 28.9	15.2 V	566	1996 PS	1996 08 19.35025	21 26 22.50	-13 54 29.8	19.3 V	566
1996 PH	1996 08 15.43088	20 59 45.42	-16 19 21.8	19.0 V	566	1996 PS	1996 08 19.35865	21 26 21.95	-13 54 31.1	18.8 V	566
1996 PH	1996 08 15.44020	20 59 44.91	-16 19 22.9	19.0 V	566	1996 PS	1996 08 19.36833	21 26 21.37	-13 54 31.9	19.0 V	566
1996 PH	1996 08 15.45168	20 59 44.29	-16 19 24.5	19.1 V	566	1996 PT	* 1996 08 09.48698	21 34 35.43	-12 51 31.1	17.8 V	566
1996 PJ	1996 08 09.36485	21 47 41.86	-12 51 21.8	18.9 V	566	1996 PT	1996 08 09.49539	21 34 34.96	-12 51 34.3	17.8 V	566
1996 PJ	1996 08 09.37583	21 47 41.17	-12 51 35.1	18.5 V	566	1996 PT	1996 08 09.50578	21 34 34.37	-12 51 38.2	17.7 V	566
1996 PJ	1996 08 09.38626	21 47 40.54	-12 51 48.7	18.8 V	566	1996 PT	1996 08 12.40428	21 32 04.75	-13 10 20.0	16.8 V	566
1996 PJ	1996 08 17.40351	21 39 30.96	-15 41 39.6	18.3 V	566	1996 PT	1996 08 12.41475	21 32 04.13	-13 10 23.7	16.7 V	566
1996 PJ	1996 08 17.41392	21 39 30.27	-15 41 52.6	18.3 V	566	1996 PT	1996 08 12.42330	21 32 03.68	-13 10 27.4	16.8 V	566
1996 PJ	1996 08 17.42323	21 39 29.67	-15 42 04.4	18.2 V	566	1996 PT	1996 08 17.46325	21 27 39.61	-13 43 25.6	17.2 V	566
1996 PO	* 1996 08 09.30019	19 13 10.32	-26 12 25.0	18.3 V	566	1996 PT	1996 08 17.47384	21 27 39.03	-13 43 29.7	17.2 V	566
1996 PO	1996 08 09.31052	19 13 09.89	-26 12 27.6	18.4 V	566	1996 PT	1996 08 17.48339	21 27 38.49	-13 43 33.2	17.3 V	566
1996 PO	1996 08 09.31959	19 13 09.53	-26 12 29.6	18.4 V	566	1996 PU	* 1996 08 09.48698	21 37 34.81	-13 21 34.5	17.5 V	566
1996 PO	1996 08 11.48816	19 11 55.10	-26 20 23.4	18.5 V	566	1996 PU	1996 08 09.49539	21 37 34.19	-13 21 33.0	17.5 V	566
1996 PO	1996 08 11.49183	19 11 54.92	-26 20 26.4	18.4 V	566	1996 PU	1996 08 09.50578	21 37 33.43	-13 21 31.0	17.4 V	566
1996 PO	1996 08 11.49850	19 11 54.74	-26 20 24.8	18.8 V	566	1996 PU	1996 08 12.40428	21 34 12.90	-13 13 30.7	17.2 V	566
1996 PO	1996 08 11.50204	19 11 54.58	-26 20 28.5	18.9 V	566	1996 PU	1996 08 12.41475	21 34 12.11	-13 13 28.8	17.2 V	566
1996 PO	1996 08 11.50694	19 11 54.44	-26 20 26.9	18.5 V	566	1996 PU	1996 08 12.42330	21 34 11.50	-13 13 27.6	17.3 V	566
1996 PO	1996 08 11.51046	19 11 54.26	-26 20 30.7	18.7 V	566	1996 PU	1996 08 17.46325	21 28 29.11	-12 59 49.7	17.7 V	566
1996 PP	* 1996 08 09.36485	21 48 36.46	-12 59 55.5	17.7 V	566	1996 PU	1996 08 17.47384	21 28 28.40	-12 59 47.8	17.7 V	566

1996 PU	1996 08 17.48339	21 28 27.73	-12 59 46.3	17.8 V	566	1996 PK ₁	1996 08 12.50761	22 47 14.14	-08 25 29.9	19.7 V	566
1996 PV	* 1996 08 09.48698	21 37 35.30	-13 15 10.0	18.3 V	566	1996 PK ₁	1996 08 12.51602	22 47 13.83	-08 25 32.4	19.4 V	566
1996 PV	1996 08 09.49539	21 37 34.87	-13 15 14.4	18.4 V	566	1996 PK ₁	1996 08 12.52846	22 47 13.40	-08 25 36.6	19.3 V	566
1996 PV	1996 08 09.50578	21 37 34.40	-13 15 20.3	18.8 V	566	1996 PT ₁	* 1996 08 09.49944	22 23 08.75	-13 49 14.3	19.5 V	566
1996 PV	1996 08 12.40428	21 35 22.85	-13 40 20.7	19.3 V	566	1996 PT ₁	1996 08 09.50931	22 23 08.35	-13 49 17.7	19.0 V	566
1996 PV	1996 08 12.41475	21 35 22.31	-13 40 26.7	18.8 V	566	1996 PT ₁	1996 08 09.51774	22 23 08.04	-13 49 21.3	19.3 V	566
1996 PV	1996 08 12.42330	21 35 21.84	-13 40 31.0	18.7 V	566	1996 PT ₁	1996 08 14.46360	22 19 51.74	-14 20 33.7	18.5 V	566
1996 PW	* 1996 08 09.50133	22 20 44.83	-12 19 26.9	17.9 V	566	1996 PT ₁	1996 08 14.47209	22 19 51.36	-14 20 37.2	18.6 V	566
1996 PW	1996 08 09.51117	22 20 44.78	-12 19 37.9	18.1 V	566	1996 PT ₁	1996 08 14.48252	22 19 50.89	-14 20 40.9	18.4 V	566
1996 PW	1996 08 09.52159	22 20 44.75	-12 19 48.9	17.9 V	566	1996 PT ₁	1996 08 17.38260	22 17 49.85	-14 39 03.1	18.1 V	566
1996 PW	1996 08 12.40601	22 20 35.76	-13 13 42.0	17.4 V	566	1996 PT ₁	1996 08 17.39153	22 17 49.44	-14 39 06.4	18.3 V	566
1996 PW	1996 08 12.41659	22 20 35.71	-13 13 54.0	17.5 V	566	1996 PT ₁	1996 08 17.40001	22 17 49.08	-14 39 09.6	18.3 V	566
1996 PW	1996 08 12.42523	22 20 35.63	-13 14 03.6	17.3 V	566	1996 PU ₁	* 1996 08 09.53543	22 17 02.03	-07 17 58.8	18.3 V	566
1996 PW	1996 08 15.50474	22 20 20.53	-14 12 11.5	17.4 V	566	1996 PU ₁	1996 08 09.54385	22 17 01.59	-07 18 01.7	18.4 V	566
1996 PW	1996 08 15.51321	22 20 20.44	-14 12 21.0	17.3 V	566	1996 PU ₁	1996 08 09.55291	22 17 01.15	-07 18 04.9	18.7 V	566
1996 PW	1996 08 15.52215	22 20 20.37	-14 12 31.0	17.4 V	566	1996 PU ₁	1996 08 14.46542	22 12 58.24	-07 45 47.7	18.4 V	566
1996 PW	1996 08 17.38260	22 20 09.60	-14 47 46.7	17.3 V	566	1996 PU ₁	1996 08 14.47390	22 12 57.78	-07 45 51.2	18.6 V	566
1996 PW	1996 08 17.39153	22 20 09.51	-14 47 56.8	17.3 V	566	1996 PU ₁	1996 08 14.48435	22 12 57.20	-07 45 54.6	18.1 V	566
1996 PW	1996 08 17.40001	22 20 09.43	-14 48 06.6	17.4 V	566	1996 PV ₁	* 1996 08 13.29571	20 27 50.71	-20 39 12.7	18.4 V	566
1996 PW	1996 08 17.46932	22 20 08.81	-14 49 24.7	17.5 V	566	1996 PV ₁	1996 08 13.31983	20 27 49.40	-20 39 23.8	18.5 V	566
1996 PW	1996 08 17.47973	22 20 08.71	-14 49 36.5	17.5 V	566	1996 PV ₁	1996 08 13.33113	20 27 48.78	-20 39 29.1	18.6 V	566
1996 PW	1996 08 17.49007	22 20 08.64	-14 49 48.2	17.6 V	566	1996 PV ₁	1996 08 14.38538	20 26 55.79	-20 47 21.3	17.9 V	566
1996 PW	1996 08 19.32823	22 19 56.76	-15 24 37.8	17.6 V	566	1996 PV ₁	1996 08 14.39378	20 26 55.32	-20 47 25.0	17.9 V	566
1996 PW	1996 08 19.33668	22 19 56.64	-15 24 47.6	17.6 V	566	1996 PV ₁	1996 08 14.40623	20 26 54.69	-20 47 30.4	18.1 V	566
1996 PW	1996 08 19.34663	22 19 56.58	-15 24 59.3	17.7 V	566	1996 PW ₁	* 1996 08 13.33862	21 14 25.79	-18 52 38.8	19.5 V	566
1996 PW	1996 08 20.42737	22 19 48.75	-15 45 25.3	17.3 V	566	1996 PW ₁	1996 08 13.34884	21 14 25.26	-18 52 42.6	19.3 V	566
1996 PW	1996 08 20.43776	22 19 48.65	-15 45 37.0	17.2 V	566	1996 PW ₁	1996 08 13.35726	21 14 24.76	-18 52 46.2	18.9 V	566
1996 PW	1996 08 20.44620	22 19 48.58	-15 45 46.7	17.2 V	566	1996 PW ₁	1996 08 14.43218	21 13 29.94	-18 59 40.7	18.9 V	566
1996 PX	* 1996 08 09.51466	22 15 53.16	-08 44 15.9	17.5 V	566	1996 PW ₁	1996 08 14.44058	21 13 29.49	-18 59 43.6	18.6 V	566
1996 PX	1996 08 09.52518	22 15 52.50	-08 44 16.9	17.5 V	566	1996 PW ₁	1996 08 14.44970	21 13 29.03	-18 59 47.1	18.2 V	566
1996 PX	1996 08 09.53367	22 15 51.97	-08 44 17.5	17.7 V	566	1996 PX ₁	* 1996 08 13.33862	21 16 19.25	-18 53 15.0	18.9 V	566
1996 PX	1996 08 12.42707	22 12 55.99	-08 49 06.8	17.9 V	566	1996 PX ₁	1996 08 13.34884	21 16 18.69	-18 53 18.4	18.7 V	566
1996 PX	1996 08 12.43555	22 12 55.44	-08 49 07.7	17.6 V	566	1996 PX ₁	1996 08 13.35726	21 16 18.22	-18 53 20.9	18.9 V	566
1996 PX	1996 08 12.44482	22 12 54.84	-08 49 08.6	17.8 V	566	1996 PX ₁	1996 08 14.43218	21 15 22.22	-18 58 18.8	18.4 V	566
1996 PX	1996 08 15.57784	22 09 37.18	-08 55 08.1	17.7 V	566	1996 PX ₁	1996 08 14.44058	21 15 21.77	-18 58 20.5	18.6 V	566
1996 PX	1996 08 15.58823	22 09 36.47	-08 55 09.4	17.9 V	566	1996 PX ₁	1996 08 14.44970	21 15 21.29	-18 58 23.2	18.4 V	566
1996 PX	1996 08 15.59709	22 09 35.90	-08 55 10.4	17.9 V	566	1996 PY ₁	* 1996 08 13.36686	21 10 44.79	-16 53 04.6	19.2 V	566
1996 PX	1996 08 17.49584	22 07 34.59	-08 59 05.4	17.5 V	566	1996 PY ₁	1996 08 13.37722	21 10 44.24	-16 53 04.6	18.6 V	566
1996 PX	1996 08 17.50424	22 07 34.04	-08 59 06.0	17.4 V	566	1996 PY ₁	1996 08 13.38616	21 10 43.73	-16 53 04.1	18.5 V	566
1996 PX	1996 08 17.51521	22 07 33.27	-08 59 07.5	17.5 V	566	1996 PY ₁	1996 08 14.43580	21 09 47.63	-16 52 33.9	18.3 V	566
1996 PY	* 1996 08 10.41651	20 45 49.41	-18 20 54.2	18.8 V	566	1996 PY ₁	1996 08 14.44614	21 09 47.06	-16 52 33.5	18.2 V	566
1996 PY	1996 08 10.42493	20 45 48.92	-18 20 57.6	18.9 V	566	1996 PY ₁	1996 08 14.45648	21 09 46.52	-16 52 33.1	18.2 V	566
1996 PY	1996 08 10.43331	20 45 48.42	-18 21 00.0	18.6 V	566	1996 PZ ₁	* 1996 08 13.36686	21 10 49.38	-16 56 03.8	18.8 V	566
1996 PY	1996 08 12.33798	20 43 59.60	-18 33 09.3	18.6 V	566	1996 PZ ₁	1996 08 13.37722	21 10 48.74	-16 56 04.5	18.7 V	566
1996 PY	1996 08 12.34655	20 43 59.11	-18 33 12.6	18.7 V	566	1996 PZ ₁	1996 08 13.38616	21 10 48.21	-16 56 05.0	19.3 V	566
1996 PY	1996 08 12.35496	20 43 58.59	-18 33 15.6	18.8 V	566	1996 PZ ₁	1996 08 14.43580	21 09 47.38	-16 56 59.4	18.7 V	566
1996 PC ₁	1996 08 14.48620	22 26 35.94	-27 02 17.5	17.3 V	566	1996 PZ ₁	1996 08 14.44614	21 09 46.75	-16 56 59.5	18.2 V	566
1996 PC ₁	1996 08 14.49465	22 26 33.29	-27 00 56.5	17.4 V	566	1996 PZ ₁	1996 08 14.45648	21 09 46.18	-16 57 00.3	18.7 V	566
1996 PC ₁	1996 08 14.50767	22 26 29.23	-26 58 50.8	17.3 V	566	1996 PA ₂	* 1996 08 13.36686	21 11 31.69	-16 17 22.3	18.6 V	566
1996 PC ₁	1996 08 19.46190	21 59 10.48	-09 33 02.9	17.1 V	566	1996 PA ₂	1996 08 13.37722	21 11 30.97	-16 17 21.2	18.9 V	566
1996 PC ₁	1996 08 19.47034	21 59 06.96	-09 30 48.2	17.2 V	566	1996 PA ₂	1996 08 13.38616	21 11 30.39	-16 17 20.4	18.4 V	566
1996 PC ₁	1996 08 19.47880	21 59 03.48	-09 28 32.5	17.0 V	566	1996 PA ₂	1996 08 14.43580	21 10 26.39	-16 14 59.7	17.6 V	566

1996 PA ₂	1996 08 14.44614	21 10 25.70	-16 14 58.3	17.6 V	566	1996 PK ₂	1996 08 20.44620	22 17 15.44	-15 54 44.1	18.9 V	566
1996 PA ₂	1996 08 14.45648	21 10 25.02	-16 14 57.0	17.5 V	566	1996 PL ₂	* 1996 08 09.49944	22 24 37.41	-13 17 41.8	18.2 V	566
1996 PB ₂	* 1996 08 13.36686	21 11 38.79	-16 06 31.8	17.8 V	566	1996 PL ₂	1996 08 09.50931	22 24 36.93	-13 17 46.3	18.2 V	566
1996 PB ₂	1996 08 13.37722	21 11 38.18	-16 06 32.0	17.8 V	566	1996 PL ₂	1996 08 09.51774	22 24 36.51	-13 17 50.1	18.3 V	566
1996 PB ₂	1996 08 13.38616	21 11 37.72	-16 06 32.2	18.0 V	566	1996 PL ₂	1996 08 15.50474	22 19 38.64	-14 03 14.9	17.7 V	566
1996 PB ₂	1996 08 14.43580	21 10 41.86	-16 06 45.9	17.6 V	566	1996 PL ₂	1996 08 15.51321	22 19 38.16	-14 03 18.5	17.7 V	566
1996 PB ₂	1996 08 14.44614	21 10 41.29	-16 06 46.0	17.5 V	566	1996 PL ₂	1996 08 15.52215	22 19 37.68	-14 03 22.7	17.5 V	566
1996 PB ₂	1996 08 14.45648	21 10 40.74	-16 06 46.5	17.6 V	566	1996 PL ₂	1996 08 17.46932	22 17 54.89	-14 18 21.6	17.5 V	566
1996 PC ₂	* 1996 08 13.36862	21 09 13.60	-14 00 48.8	18.1 V	566	1996 PL ₂	1996 08 17.47973	22 17 54.28	-14 18 26.4	17.6 V	566
1996 PC ₂	1996 08 13.38098	21 09 12.94	-14 00 49.2	18.1 V	566	1996 PL ₂	1996 08 17.49007	22 17 53.72	-14 18 31.4	17.8 V	566
1996 PC ₂	1996 08 13.38936	21 09 12.49	-14 00 49.2	18.3 V	566	1996 PM ₂	* 1996 08 09.51291	22 18 53.02	-09 57 15.0	18.6 V	566
1996 PC ₂	1996 08 14.43764	21 08 18.97	-14 00 58.9	17.6 V	566	1996 PM ₂	1996 08 09.52338	22 18 52.10	-09 57 09.8	18.9 V	566
1996 PC ₂	1996 08 14.44801	21 08 18.42	-14 00 58.8	17.5 V	566	1996 PM ₂	1996 08 09.53179	22 18 51.30	-09 57 04.9	19.4 V	566
1996 PC ₂	1996 08 14.45819	21 08 17.89	-14 00 59.0	17.9 V	566	1996 PM ₂	1996 08 15.57784	22 09 47.47	-09 04 02.0	18.6 V	566
1996 PD ₂	* 1996 08 13.37041	21 05 57.25	-12 54 21.0	19.4 V	566	1996 PM ₂	1996 08 15.58823	22 09 46.47	-09 03 56.4	18.9 V	566
1996 PD ₂	1996 08 13.38274	21 05 56.67	-12 54 26.1	19.2 V	566	1996 PM ₂	1996 08 15.59709	22 09 45.61	-09 03 51.9	19.0 V	566
1996 PD ₂	1996 08 13.39505	21 05 56.09	-12 54 31.7	19.5 V	566	1996 PN ₂	* 1996 08 09.51466	22 16 04.46	-08 49 30.3	19.2 V	566
1996 PD ₂	1996 08 14.45997	21 05 07.90	-13 02 09.9	19.1 V	566	1996 PN ₂	1996 08 09.52518	22 16 03.91	-08 49 31.9	19.0 V	566
1996 PD ₂	1996 08 14.46840	21 05 07.53	-13 02 13.9	19.2 V	566	1996 PN ₂	1996 08 09.53367	22 16 03.53	-08 49 35.0	19.4 V	566
1996 PD ₂	1996 08 14.47682	21 05 07.15	-13 02 17.2	19.2 V	566	1996 PN ₂	1996 08 15.57784	22 10 47.51	-09 13 07.8	18.1 V	566
1996 PE ₂	* 1996 08 13.37041	21 08 39.11	-13 11 29.7	18.9 V	566	1996 PN ₂	1996 08 15.58823	22 10 46.95	-09 13 10.5	18.5 V	566
1996 PE ₂	1996 08 13.38274	21 08 38.43	-13 11 33.5	18.8 V	566	1996 PN ₂	1996 08 15.59709	22 10 46.43	-09 13 12.8	18.1 V	566
1996 PE ₂	1996 08 13.39505	21 08 37.81	-13 11 37.1	19.1 V	566	1996 PN ₂	1996 08 17.49584	22 09 01.83	-09 21 11.8	18.2 V	566
1996 PE ₂	1996 08 14.45997	21 07 41.84	-13 16 31.4	18.9 V	566	1996 PN ₂	1996 08 17.50424	22 09 01.35	-09 21 13.8	17.9 V	566
1996 PE ₂	1996 08 14.46840	21 07 41.34	-13 16 34.0	18.6 V	566	1996 PN ₂	1996 08 17.51521	22 09 00.71	-09 21 16.7	17.7 V	566
1996 PE ₂	1996 08 14.47682	21 07 40.90	-13 16 36.0	18.7 V	566	1996 PO ₂	* 1996 08 10.48242	22 15 33.67	-09 13 01.6	19.4 V	566
1996 PF ₂	* 1996 08 13.37222	21 46 20.78	-30 25 27.8	19.2 V	566	1996 PO ₂	1996 08 10.49085	22 15 33.29	-09 13 02.6	19.0 V	566
1996 PF ₂	1996 08 13.38446	21 46 20.01	-30 25 29.8	19.5 V	566	1996 PO ₂	1996 08 10.49925	22 15 32.90	-09 13 04.7	18.9 V	566
1996 PF ₂	1996 08 13.39894	21 46 18.99	-30 25 32.7	19.6 V	566	1996 PO ₂	1996 08 15.57784	22 11 42.60	-09 34 23.1	19.0 V	566
1996 PF ₂	1996 08 14.46184	21 45 12.06	-30 28 12.2	19.3 V	566	1996 PO ₂	1996 08 15.58823	22 11 42.07	-09 34 26.8	19.1 V	566
1996 PF ₂	1996 08 14.47029	21 45 11.51	-30 28 13.3	19.2 V	566	1996 PO ₂	1996 08 15.59709	22 11 41.63	-09 34 28.2	18.9 V	566
1996 PF ₂	1996 08 14.48071	21 45 10.72	-30 28 14.6	19.6 V	566	1996 PP ₂	* 1996 08 10.50744	22 08 15.58	-08 54 02.2	19.5 V	566
1996 PH ₂	* 1996 08 13.37041	21 07 52.41	-13 43 50.1	19.5 V	566	1996 PP ₂	1996 08 10.51585	22 08 15.26	-08 54 05.6	19.7 V	566
1996 PH ₂	1996 08 13.38274	21 07 51.53	-13 43 28.9	19.6 V	566	1996 PP ₂	1996 08 10.52426	22 08 14.92	-08 54 09.5	19.3 V	566
1996 PH ₂	1996 08 13.39505	21 07 50.58	-13 43 07.0	19.2 V	566	1996 PP ₂	1996 08 15.55934	22 04 52.03	-09 32 38.9	19.5 V	566
1996 PJ ₂	1996 07 21.45558	21 43 25.41	-17 17 56.8	19.0 V	566	1996 PP ₂	1996 08 15.56774	22 04 51.63	-09 32 43.1	19.3 V	566
1996 PJ ₂	1996 07 21.47973	21 43 24.19	-17 17 53.1	19.0 V	566	1996 PP ₂	1996 08 15.57614	22 04 51.19	-09 32 47.7	19.2 V	566
1996 PJ ₂	1996 07 21.50004	21 43 23.13	-17 17 49.5	19.3 V	566	1996 PP ₂	1996 08 19.44797	22 02 10.75	-10 03 03.7	19.4 V	566
1996 PJ ₂	1996 08 12.43244	21 21 40.51	-16 15 03.0	19.0 V	566	1996 PP ₂	1996 08 19.45823	22 02 10.30	-10 03 08.2	19.6 V	566
1996 PJ ₂	1996 08 12.44297	21 21 39.85	-16 15 01.3	19.2 V	566	1996 PP ₂	1996 08 19.46671	22 02 09.90	-10 03 11.8	19.1 V	566
1996 PJ ₂	1996 08 12.45153	21 21 39.26	-16 14 59.4	18.7 V	566	1996 PQ ₂	* 1996 08 10.50744	22 13 36.96	-09 06 16.5	17.5 V	566
1996 PK ₂	* 1996 08 09.49944	22 24 20.83	-13 23 15.4	17.8 V	566	1996 PQ ₂	1996 08 10.51585	22 13 36.20	-09 06 12.7	17.9 V	566
1996 PK ₂	1996 08 09.50931	22 24 20.44	-13 23 23.4	18.1 V	566	1996 PQ ₂	1996 08 10.52426	22 13 35.43	-09 06 09.4	18.0 V	566
1996 PK ₂	1996 08 09.51774	22 24 20.17	-13 23 30.3	18.2 V	566	1996 PQ ₂	1996 08 15.55934	22 06 10.02	-08 25 37.8	18.4 V	566
1996 PK ₂	1996 08 15.50474	22 20 38.27	-14 45 54.6	17.4 V	566	1996 PQ ₂	1996 08 15.56774	22 06 09.25	-08 25 33.7	18.7 V	566
1996 PK ₂	1996 08 15.51321	22 20 37.91	-14 46 01.7	17.3 V	566	1996 PQ ₂	1996 08 15.57614	22 06 08.45	-08 25 29.4	18.7 V	566
1996 PK ₂	1996 08 15.52215	22 20 37.54	-14 46 08.8	17.3 V	566	1996 PQ ₂	1996 08 16.59929	22 04 35.89	-08 17 27.0	17.4 V	566
1996 PK ₂	1996 08 19.32823	22 18 02.77	-15 39 11.6	18.1 V	566	1996 PQ ₂	1996 08 16.60770	22 04 35.13	-08 17 23.2	17.4 V	566
1996 PK ₂	1996 08 19.33668	22 18 02.40	-15 39 18.8	18.0 V	566	1996 PQ ₂	1996 08 16.61613	22 04 34.33	-08 17 19.2	17.3 V	566
1996 PK ₂	1996 08 19.34663	22 18 01.96	-15 39 27.0	18.1 V	566	1996 PQ ₂	1996 08 17.40720	22 03 23.33	-08 11 09.9	17.3 V	566
1996 PK ₂	1996 08 20.42737	22 17 16.29	-15 54 28.2	18.9 V	566	1996 PQ ₂	1996 08 17.41960	22 03 22.15	-08 11 04.2	17.1 V	566
1996 PK ₂	1996 08 20.43776	22 17 15.76	-15 54 37.2	19.2 V	566	1996 PQ ₂	1996 08 17.43291	22 03 20.87	-08 10 57.9	16.9 V	566

1996 PR ₂	* 1996 08 11.57826	21 46 52.72	-11 49 42.0	19.1 V	566	1996 PY ₂	1996 08 15.53604	22 37 38.82	-10 49 39.2	19.0 V	566
1996 PR ₂	1996 08 11.58933	21 46 52.17	-11 49 50.9	19.0 V	566	1996 PY ₂	1996 08 15.54836	22 37 38.19	-10 49 44.5	19.3 V	566
1996 PR ₂	1996 08 11.59985	21 46 51.70	-11 49 58.9	19.2 V	566	1996 PZ ₂	* 1996 08 14.52880	22 39 40.27	-09 37 35.1	18.3 V	566
1996 PR ₂	1996 08 15.49929	21 44 03.02	-12 42 54.3	19.4 V	566	1996 PZ ₂	1996 08 14.53720	22 39 39.88	-09 37 36.8	18.4 V	566
1996 PR ₂	1996 08 15.50770	21 44 02.60	-12 43 01.0	19.0 V	566	1996 PZ ₂	1996 08 14.54570	22 39 39.50	-09 37 39.0	18.6 V	566
1996 PR ₂	1996 08 15.51667	21 44 02.16	-12 43 08.3	19.1 V	566	1996 PZ ₂	1996 08 15.52761	22 38 56.27	-09 41 34.1	18.5 V	566
1996 PS ₂	* 1996 08 12.45332	21 15 42.71	-14 32 27.2	18.6 V	566	1996 PZ ₂	1996 08 15.53604	22 38 55.86	-09 41 36.8	18.6 V	566
1996 PS ₂	1996 08 12.46176	21 15 42.27	-14 32 27.7	18.4 V	566	1996 PZ ₂	1996 08 15.54836	22 38 55.28	-09 41 39.3	18.7 V	566
1996 PS ₂	1996 08 12.47218	21 15 41.71	-14 32 29.3	18.7 V	566	1996 PA ₃	* 1996 08 14.52880	22 40 18.34	-09 39 47.7	18.4 V	566
1996 PS ₂	1996 08 15.40553	21 13 12.55	-14 37 55.5	18.0 V	566	1996 PA ₃	1996 08 14.53720	22 40 17.93	-09 39 50.7	18.5 V	566
1996 PS ₂	1996 08 15.41592	21 13 12.00	-14 37 56.3	17.8 V	566	1996 PA ₃	1996 08 14.54570	22 40 17.54	-09 39 53.6	18.3 V	566
1996 PS ₂	1996 08 15.42435	21 13 11.54	-14 37 57.3	18.0 V	566	1996 PA ₃	1996 08 15.52761	22 39 33.93	-09 45 39.5	19.3 V	566
1996 PT ₂	* 1996 08 12.50219	21 59 27.77	-09 39 57.8	18.1 V	566	1996 PA ₃	1996 08 15.53604	22 39 33.57	-09 45 42.6	18.8 V	566
1996 PT ₂	1996 08 12.51059	21 59 27.32	-09 39 59.5	18.0 V	566	1996 PA ₃	1996 08 15.54836	22 39 32.92	-09 45 46.8	19.3 V	566
1996 PT ₂	1996 08 12.51902	21 59 26.91	-09 40 00.8	18.0 V	566	1996 PB ₃	* 1996 08 14.54945	22 36 17.33	-08 14 45.4	18.8 V	566
1996 PT ₂	1996 08 15.55568	21 56 53.47	-09 50 02.2	17.5 V	566	1996 PB ₃	1996 08 14.55979	22 36 16.87	-08 14 49.5	18.6 V	566
1996 PT ₂	1996 08 15.56422	21 56 53.01	-09 50 03.9	17.5 V	566	1996 PB ₃	1996 08 14.56818	22 36 16.53	-08 14 52.9	18.8 V	566
1996 PT ₂	1996 08 15.57262	21 56 52.59	-09 50 05.4	17.5 V	566	1996 PB ₃	1996 08 15.52394	22 35 35.47	-08 21 23.9	19.6 V	566
1996 PU ₂	* 1996 08 13.37041	21 04 29.72	-12 59 13.1	17.8 V	566	1996 PB ₃	1996 08 15.52940	22 35 35.25	-08 21 26.4	18.8 V	566
1996 PU ₂	1996 08 13.38274	21 04 29.06	-12 59 14.5	17.6 V	566	1996 PB ₃	1996 08 15.53236	22 35 35.06	-08 21 27.3	19.6 V	566
1996 PU ₂	1996 08 13.39505	21 04 28.51	-12 59 18.0	17.8 V	566	1996 PB ₃	1996 08 15.53780	22 35 34.84	-08 21 29.7	19.2 V	566
1996 PU ₂	1996 08 15.38924	21 02 56.62	-13 05 56.1	18.7 V	566	1996 PB ₃	1996 08 15.54079	22 35 34.62	-08 21 30.3	19.7 V	566
1996 PU ₂	1996 08 15.40006	21 02 56.12	-13 05 58.2	18.9 V	566	1996 PB ₃	1996 08 15.55014	22 35 34.23	-08 21 34.8	19.1 V	566
1996 PU ₂	1996 08 15.40848	21 02 55.68	-13 05 59.5	18.6 V	566	1996 PC ₃	* 1996 08 14.55319	22 35 47.18	-07 49 00.2	19.6 V	566
1996 PU ₂	1996 08 17.33159	21 01 30.95	-13 12 20.7	19.0 V	566	1996 PC ₃	1996 08 14.56165	22 35 46.48	-07 48 57.1	19.3 V	566
1996 PU ₂	1996 08 17.34026	21 01 30.55	-13 12 22.2	18.8 V	566	1996 PC ₃	1996 08 14.57006	22 35 45.81	-07 48 54.1	19.1 V	566
1996 PU ₂	1996 08 17.34928	21 01 30.12	-13 12 24.5	19.2 V	566	1996 PC ₃	1996 08 15.52394	22 34 32.16	-07 43 26.8	19.3 V	566
1996 PV ₂	* 1996 08 14.35578	19 56 21.24	-22 00 41.0	18.2 V	566	1996 PC ₃	1996 08 15.52940	22 34 31.71	-07 43 24.3	18.5 V	566
1996 PV ₂	1996 08 14.36777	19 56 20.41	-22 00 29.6	17.9 V	566	1996 PC ₃	1996 08 15.53236	22 34 31.46	-07 43 23.9	19.2 V	566
1996 PV ₂	1996 08 14.37811	19 56 19.75	-22 00 19.1	18.9 V	566	1996 PC ₃	1996 08 15.53780	22 34 31.06	-07 43 21.6	19.0 V	566
1996 PV ₂	1996 08 15.33172	19 55 22.07	-21 44 42.2	17.6 V	566	1996 PC ₃	1996 08 15.54079	22 34 30.78	-07 43 20.9	19.1 V	566
1996 PV ₂	1996 08 15.34056	19 55 21.51	-21 44 33.6	17.5 V	566	1996 PC ₃	1996 08 15.55014	22 34 30.04	-07 43 17.1	18.9 V	566
1996 PV ₂	1996 08 15.34899	19 55 20.97	-21 44 25.3	17.5 V	566	1996 PC ₃	1996 08 16.60286	22 33 07.02	-07 37 14.8	18.8 V	566
1996 PV ₂	1996 08 18.29793	19 52 37.86	-20 56 47.3	17.9 V	566	1996 PC ₃	1996 08 16.61325	22 33 06.18	-07 37 11.6	18.8 V	566
1996 PV ₂	1996 08 18.30637	19 52 37.39	-20 56 39.2	17.7 V	566	1996 PC ₃	1996 08 16.62354	22 33 05.34	-07 37 08.2	18.9 V	566
1996 PV ₂	1996 08 18.31712	19 52 36.81	-20 56 28.9	17.6 V	566	1996 PC ₃	1996 08 19.35403	22 29 24.30	-07 21 28.9	18.2 V	566
1996 PW ₂	* 1996 08 14.46360	22 22 12.06	-14 17 11.2	18.1 V	566	1996 PC ₃	1996 08 19.36477	22 29 23.39	-07 21 24.9	18.4 V	566
1996 PW ₂	1996 08 14.47209	22 22 11.65	-14 17 14.4	18.2 V	566	1996 PC ₃	1996 08 19.37317	22 29 22.68	-07 21 22.2	18.1 V	566
1996 PW ₂	1996 08 14.48252	22 22 11.09	-14 17 17.3	18.2 V	566	1996 PE ₃	* 1996 08 15.60639	22 30 21.52	-11 33 34.9	17.6 V	566
1996 PW ₂	1996 08 15.50474	22 21 22.49	-14 23 03.8	18.8 V	566	1996 PE ₃	1996 08 15.61483	22 30 21.27	-11 33 47.3	17.8 V	566
1996 PW ₂	1996 08 15.51321	22 21 22.02	-14 23 06.3	18.7 V	566	1996 PE ₃	1996 08 15.62952	22 30 20.79	-11 34 09.4	17.7 V	566
1996 PW ₂	1996 08 15.52215	22 21 21.56	-14 23 09.2	18.8 V	566	1996 PE ₃	1996 08 16.60108	22 29 50.41	-11 58 45.4	18.2 V	566
1996 PX ₂	* 1996 08 14.52880	22 37 59.18	-10 29 39.7	19.4 V	566	1996 PE ₃	1996 08 16.61146	22 29 50.02	-11 59 01.1	18.2 V	566
1996 PX ₂	1996 08 14.53720	22 37 58.81	-10 29 43.9	19.4 V	566	1996 PE ₃	1996 08 16.62180	22 29 49.70	-11 59 17.4	17.7 V	566
1996 PX ₂	1996 08 14.54570	22 37 58.45	-10 29 48.2	19.5 V	566	1996 PE ₃	1996 08 20.44795	22 27 40.61	-13 38 23.4	18.0 V	566
1996 PX ₂	1996 08 15.52761	22 37 16.40	-10 38 17.4	19.4 V	566	1996 PE ₃	1996 08 20.45643	22 27 40.29	-13 38 36.9	18.1 V	566
1996 PX ₂	1996 08 15.53604	22 37 16.03	-10 38 22.2	19.4 V	566	1996 PE ₃	1996 08 20.46878	22 27 39.79	-13 38 56.3	18.0 V	566
1996 PX ₂	1996 08 15.54836	22 37 15.47	-10 38 28.3	19.0 V	566	1996 PF ₃	* 1996 08 15.60639	22 33 11.27	-11 18 22.5	18.1 V	566
1996 PY ₂	* 1996 08 14.52880	22 38 26.88	-10 42 55.9	19.0 V	566	1996 PF ₃	1996 08 15.61483	22 33 10.82	-11 18 33.6	18.4 V	566
1996 PY ₂	1996 08 14.53720	22 38 26.46	-10 42 59.3	18.8 V	566	1996 PF ₃	1996 08 15.62952	22 33 10.11	-11 18 53.1	18.2 V	566
1996 PY ₂	1996 08 14.54570	22 38 26.03	-10 43 02.4	18.9 V	566	1996 PF ₃	1996 08 16.60108	22 32 21.76	-11 40 19.1	19.4 V	566
1996 PY ₂	1996 08 15.52761	22 37 39.26	-10 49 36.0	19.1 V	566	1996 PF ₃	1996 08 16.61146	22 32 21.20	-11 40 33.7	18.4 V	566

1996 PF ₃	1996 08 16.62180	22 32 20.71	-11 40 46.2	18.7 V	566	1996 PU ₃	* 1996 08 09.47411	21 35 32.23	-14 17 05.1	19.2 V	566
1996 PF ₃	1996 08 19.36039	22 29 59.60	-12 41 53.7	18.2 V	566	1996 PU ₃	1996 08 09.48347	21 35 31.68	-14 17 07.4	19.3 V	566
1996 PF ₃	1996 08 19.37014	22 29 59.05	-12 42 06.7	18.1 V	566	1996 PU ₃	1996 08 09.49190	21 35 31.18	-14 17 08.7	19.2 V	566
1996 PF ₃	1996 08 19.37877	22 29 58.60	-12 42 19.0	18.1 V	566	1996 PU ₃	1996 08 17.46141	21 28 04.07	-14 42 57.8	18.5 V	566
1996 PF ₃	1996 08 20.44795	22 29 01.03	-13 06 23.6	18.2 V	566	1996 PU ₃	1996 08 17.47208	21 28 03.45	-14 42 59.8	18.5 V	566
1996 PF ₃	1996 08 20.45643	22 29 00.54	-13 06 34.9	18.2 V	566	1996 PU ₃	1996 08 17.48158	21 28 02.88	-14 43 01.6	18.4 V	566
1996 PF ₃	1996 08 20.46878	22 28 59.79	-13 06 50.8	17.8 V	566	1996 PV ₃	* 1996 08 09.47411	21 35 44.21	-14 55 03.3	18.8 V	566
1996 PN ₃	* 1996 08 09.41238	20 52 40.56	-18 57 09.0	17.6 V	566	1996 PV ₃	1996 08 09.48347	21 35 43.72	-14 55 06.1	18.8 V	566
1996 PN ₃	1996 08 09.42077	20 52 40.03	-18 57 10.5	17.5 V	566	1996 PV ₃	1996 08 09.49190	21 35 43.32	-14 55 09.3	18.4 V	566
1996 PN ₃	1996 08 09.42920	20 52 39.52	-18 57 11.7	17.6 V	566	1996 PV ₃	1996 08 17.46141	21 29 03.35	-15 38 16.8	18.9 V	566
1996 PN ₃	1996 08 17.35666	20 45 14.06	-19 16 37.2	17.9 V	566	1996 PV ₃	1996 08 17.47208	21 29 02.76	-15 38 19.9	19.1 V	566
1996 PN ₃	1996 08 17.36509	20 45 13.57	-19 16 38.5	17.9 V	566	1996 PV ₃	1996 08 17.48158	21 29 02.27	-15 38 23.1	18.8 V	566
1996 PN ₃	1996 08 17.37538	20 45 12.99	-19 16 39.6	17.7 V	566	1996 PW ₃	* 1996 08 09.47411	21 36 44.76	-14 37 43.3	18.4 V	566
1996 PO ₃	* 1996 08 09.42257	20 50 45.77	-18 14 36.0	19.2 V	566	1996 PW ₃	1996 08 09.48347	21 36 44.30	-14 37 46.3	18.4 V	566
1996 PO ₃	1996 08 09.44304	20 50 44.73	-18 14 47.8	19.0 V	566	1996 PW ₃	1996 08 09.49190	21 36 43.87	-14 37 49.3	18.5 V	566
1996 PO ₃	1996 08 09.45215	20 50 44.28	-18 14 52.7	19.5 V	566	1996 PW ₃	1996 08 17.46141	21 30 04.49	-15 24 07.8	18.6 V	566
1996 PO ₃	1996 08 17.35666	20 44 33.36	-19 27 45.0	18.9 V	566	1996 PW ₃	1996 08 17.47208	21 30 03.93	-15 24 11.1	18.9 V	566
1996 PO ₃	1996 08 17.36509	20 44 32.95	-19 27 49.1	19.2 V	566	1996 PW ₃	1996 08 17.48158	21 30 03.46	-15 24 14.4	18.8 V	566
1996 PO ₃	1996 08 17.37538	20 44 32.45	-19 27 54.8	19.2 V	566	1996 PX ₃	* 1996 08 09.47411	21 36 47.51	-14 37 25.8	18.5 V	566
1996 PP ₃	* 1996 08 09.42633	20 49 14.36	-16 28 41.7	18.5 V	566	1996 PX ₃	1996 08 09.48347	21 36 46.98	-14 37 27.5	18.5 V	566
1996 PP ₃	1996 08 09.44657	20 49 13.40	-16 28 43.8	18.6 V	566	1996 PX ₃	1996 08 09.49190	21 36 46.52	-14 37 29.2	18.2 V	566
1996 PP ₃	1996 08 09.45497	20 49 13.00	-16 28 44.6	18.6 V	566	1996 PX ₃	1996 08 17.46141	21 29 40.64	-15 03 13.9	17.9 V	566
1996 PP ₃	1996 08 17.37893	20 43 14.58	-16 43 49.2	19.1 V	566	1996 PX ₃	1996 08 17.47208	21 29 40.03	-15 03 15.9	17.9 V	566
1996 PP ₃	1996 08 17.38730	20 43 14.23	-16 43 50.1	19.0 V	566	1996 PX ₃	1996 08 17.48158	21 29 39.54	-15 03 17.9	18.0 V	566
1996 PP ₃	1996 08 17.39585	20 43 13.86	-16 43 51.0	19.3 V	566	1996 PY ₃	* 1996 08 09.48698	21 32 49.93	-12 28 35.7	18.8 V	566
1996 PQ ₃	* 1996 08 09.42633	20 49 49.93	-15 38 51.0	17.6 V	566	1996 PY ₃	1996 08 09.49539	21 32 49.41	-12 28 37.9	18.5 V	566
1996 PQ ₃	1996 08 09.44657	20 49 48.86	-15 38 58.7	17.9 V	566	1996 PY ₃	1996 08 09.50578	21 32 48.75	-12 28 41.3	18.9 V	566
1996 PQ ₃	1996 08 09.45497	20 49 48.39	-15 39 01.8	17.8 V	566	1996 PY ₃	1996 08 17.46325	21 24 54.51	-13 13 11.0	18.3 V	566
1996 PQ ₃	1996 08 17.37893	20 43 25.31	-16 27 11.4	18.6 V	566	1996 PY ₃	1996 08 17.47384	21 24 53.87	-13 13 14.6	18.3 V	566
1996 PQ ₃	1996 08 17.38730	20 43 24.90	-16 27 14.5	18.5 V	566	1996 PY ₃	1996 08 17.48339	21 24 53.26	-13 13 18.0	18.0 V	566
1996 PQ ₃	1996 08 17.39585	20 43 24.50	-16 27 17.3	18.3 V	566	1996 PZ ₃	* 1996 08 09.48698	21 33 30.99	-12 57 01.8	18.5 V	566
1996 PR ₃	* 1996 08 09.45036	20 47 38.11	-14 47 13.1	19.1 V	566	1996 PZ ₃	1996 08 09.49539	21 33 30.47	-12 57 01.4	18.7 V	566
1996 PR ₃	1996 08 09.45877	20 47 37.69	-14 47 16.9	18.6 V	566	1996 PZ ₃	1996 08 09.50578	21 33 29.81	-12 57 01.5	19.0 V	566
1996 PR ₃	1996 08 09.46722	20 47 37.30	-14 47 21.2	18.7 V	566	1996 PZ ₃	1996 08 17.46325	21 25 12.32	-12 59 38.3	18.0 V	566
1996 PR ₃	1996 08 17.37893	20 41 26.95	-15 51 09.9	19.6 V	566	1996 PZ ₃	1996 08 17.47384	21 25 11.64	-12 59 38.7	18.2 V	566
1996 PR ₃	1996 08 17.38730	20 41 26.53	-15 51 14.0	19.2 V	566	1996 PZ ₃	1996 08 17.48339	21 25 11.02	-12 59 38.8	18.0 V	566
1996 PR ₃	1996 08 17.39585	20 41 26.15	-15 51 18.6	19.0 V	566	1996 PA ₄	* 1996 08 09.49944	22 28 16.07	-13 37 41.8	19.5 V	566
1996 PS ₃	* 1996 08 09.46064	21 41 35.30	-16 28 49.8	18.1 V	566	1996 PA ₄	1996 08 09.50931	22 28 15.54	-13 37 44.7	19.0 V	566
1996 PS ₃	1996 08 09.46910	21 41 34.80	-16 28 52.9	17.8 V	566	1996 PA ₄	1996 08 09.51774	22 28 15.11	-13 37 48.8	19.1 V	566
1996 PS ₃	1996 08 09.47750	21 41 34.31	-16 28 56.0	18.2 V	566	1996 PA ₄	1996 08 17.38260	22 21 04.83	-14 30 05.4	18.6 V	566
1996 PS ₃	1996 08 17.43844	21 34 06.29	-17 17 31.1	18.8 V	566	1996 PA ₄	1996 08 17.39153	22 21 04.31	-14 30 08.6	18.5 V	566
1996 PS ₃	1996 08 17.44938	21 34 05.68	-17 17 35.1	18.7 V	566	1996 PA ₄	1996 08 17.40001	22 21 03.80	-14 30 12.0	18.5 V	566
1996 PS ₃	1996 08 17.45784	21 34 05.19	-17 17 38.1	18.7 V	566	1996 PA ₄	1996 08 19.32823	22 19 13.26	-14 42 50.6	18.5 V	566
1996 PT ₃	* 1996 08 09.46064	21 42 26.30	-17 16 52.0	18.5 V	566	1996 PA ₄	1996 08 19.33668	22 19 12.71	-14 42 54.4	18.4 V	566
1996 PT ₃	1996 08 09.46910	21 42 25.73	-17 16 51.6	18.2 V	566	1996 PA ₄	1996 08 19.34663	22 19 12.14	-14 42 58.1	18.2 V	566
1996 PT ₃	1996 08 09.47750	21 42 25.17	-17 16 51.0	18.5 V	566	1996 PB ₄	* 1996 08 09.50133	22 22 20.36	-11 24 39.0	18.4 V	566
1996 PT ₃	1996 08 17.43844	21 34 00.13	-17 09 23.7	17.9 V	566	1996 PB ₄	1996 08 09.51117	22 22 19.80	-11 24 38.3	18.4 V	566
1996 PT ₃	1996 08 17.44031	21 34 00.00	-17 09 22.8	18.4 V	566	1996 PB ₄	1996 08 09.52159	22 22 19.21	-11 24 37.5	18.5 V	566
1996 PT ₃	1996 08 17.44938	21 33 59.38	-17 09 23.0	17.9 V	566	1996 PB ₄	1996 08 17.49362	22 14 29.97	-11 18 22.4	19.2 V	566
1996 PT ₃	1996 08 17.45117	21 33 59.31	-17 09 22.4	18.3 V	566	1996 PB ₄	1996 08 17.50207	22 14 29.24	-11 18 21.9	18.9 V	566
1996 PT ₃	1996 08 17.45784	21 33 58.84	-17 09 22.3	17.9 V	566	1996 PB ₄	1996 08 17.51144	22 14 28.66	-11 18 21.2	18.5 V	566
1996 PT ₃	1996 08 17.45964	21 33 58.68	-17 09 21.1	18.4 V	566	1996 PC ₄	* 1996 08 09.50133	22 23 00.97	-11 28 50.4	18.3 V	566

1996 PC ₄	1996 08 09.51117	22 23 00.45	-11 28 55.9	18.4 V	566	1996 PL ₄	1996 08 12.42330	21 31 33.38	-13 51 35.0	18.9 V	566
1996 PC ₄	1996 08 09.52159	22 22 59.90	-11 29 01.5	18.4 V	566	1996 PL ₄	1996 08 17.46141	21 27 32.99	-14 12 14.7	17.8 V	566
1996 PC ₄	1996 08 17.49186	22 16 03.87	-12 43 36.3	18.5 V	566	1996 PL ₄	1996 08 17.47208	21 27 32.47	-14 12 17.5	17.4 V	566
1996 PC ₄	1996 08 17.50026	22 16 03.35	-12 43 41.4	18.5 V	566	1996 PL ₄	1996 08 17.48158	21 27 31.99	-14 12 19.5	17.8 V	566
1996 PC ₄	1996 08 17.50960	22 16 02.84	-12 43 46.7	18.4 V	566	1996 PM ₄	* 1996 08 12.40601	22 18 06.44	-12 35 57.1	18.2 V	566
1996 PD ₄	* 1996 08 09.51466	22 16 07.40	-08 21 39.0	18.7 V	566	1996 PM ₄	1996 08 12.41659	22 18 05.97	-12 35 59.6	18.1 V	566
1996 PD ₄	1996 08 09.52518	22 16 06.99	-08 21 43.1	18.7 V	566	1996 PM ₄	1996 08 12.42523	22 18 05.59	-12 36 01.5	18.0 V	566
1996 PD ₄	1996 08 09.53367	22 16 06.63	-08 21 46.3	19.1 V	566	1996 PM ₄	1996 08 17.49186	22 14 25.21	-12 56 19.6	18.8 V	566
1996 PD ₄	1996 08 17.49584	22 10 24.41	-09 16 06.0	18.3 V	566	1996 PM ₄	1996 08 17.50026	22 14 24.84	-12 56 21.6	18.6 V	566
1996 PD ₄	1996 08 17.50424	22 10 24.02	-09 16 09.7	18.4 V	566	1996 PM ₄	1996 08 17.50960	22 14 24.45	-12 56 24.1	18.9 V	566
1996 PD ₄	1996 08 17.51521	22 10 23.49	-09 16 14.1	18.2 V	566	1996 PN ₄	* 1996 08 12.55885	23 25 46.33	-03 15 24.3	19.0 V	566
1996 PE ₄	* 1996 08 09.53543	22 14 54.20	-07 22 45.5	19.4 V	566	1996 PN ₄	1996 08 12.56729	23 25 46.02	-03 15 14.6	19.0 V	566
1996 PE ₄	1996 08 09.54385	22 14 53.85	-07 22 49.2	19.2 V	566	1996 PN ₄	1996 08 12.57655	23 25 45.72	-03 15 04.8	19.3 V	566
1996 PE ₄	1996 08 09.55291	22 14 53.44	-07 22 53.7	19.4 V	566	1996 PN ₄	1996 08 17.54665	23 22 54.90	-01 46 30.9	19.2 V	566
1996 PE ₄	1996 08 17.49762	22 09 08.88	-08 30 09.8	19.2 V	566	1996 PN ₄	1996 08 17.55508	23 22 54.49	-01 46 22.0	19.3 V	566
1996 PE ₄	1996 08 17.50604	22 09 08.49	-08 30 14.7	18.7 V	566	1996 PN ₄	1996 08 17.58038	23 22 53.31	-01 45 55.8	19.3 V	566
1996 PE ₄	1996 08 17.51700	22 09 07.97	-08 30 20.1	19.0 V	566	1996 PO ₄	* 1996 08 12.56069	23 24 32.47	-01 13 49.6	18.6 V	566
1996 PF ₄	* 1996 08 09.54084	23 00 40.06	-06 12 16.1	19.2 V	566	1996 PO ₄	1996 08 12.57301	23 24 31.85	-01 13 48.1	18.6 V	566
1996 PF ₄	1996 08 09.55116	23 00 39.61	-06 12 16.0	19.3 V	566	1996 PO ₄	1996 08 12.58138	23 24 31.48	-01 13 47.0	18.7 V	566
1996 PF ₄	1996 08 09.56166	23 00 39.17	-06 12 14.5	19.5 V	566	1996 PO ₄	1996 08 17.54665	23 20 40.00	-01 05 46.5	18.6 V	566
1996 PF ₄	1996 08 17.53448	22 54 20.70	-06 05 05.9	18.2 V	566	1996 PO ₄	1996 08 17.55508	23 20 39.56	-01 05 45.5	18.4 V	566
1996 PF ₄	1996 08 17.54306	22 54 20.24	-06 05 06.3	18.5 V	566	1996 PO ₄	1996 08 17.58038	23 20 38.27	-01 05 43.7	19.0 V	566
1996 PF ₄	1996 08 17.55152	22 54 19.80	-06 05 05.6	18.3 V	566	1996 PP ₄	* 1996 08 14.35405	19 56 53.78	-20 33 39.0	18.8 V	566
1996 PG ₄	* 1996 08 10.48242	22 14 31.14	-10 23 46.5	18.7 V	566	1996 PP ₄	1996 08 14.36407	19 56 53.25	-20 33 41.5	18.0 V	566
1996 PG ₄	1996 08 10.49085	22 14 30.79	-10 23 50.1	18.8 V	566	1996 PP ₄	1996 08 14.37305	19 56 52.76	-20 33 43.6	18.3 V	566
1996 PG ₄	1996 08 10.49925	22 14 30.45	-10 23 53.8	18.9 V	566	1996 PP ₄	1996 08 17.32608	19 54 35.22	-20 45 56.5	18.7 V	566
1996 PG ₄	1996 08 17.49362	22 09 40.05	-11 16 36.4	19.1 V	566	1996 PP ₄	1996 08 17.33454	19 54 34.80	-20 45 58.9	19.3 V	566
1996 PG ₄	1996 08 17.50207	22 09 39.75	-11 16 40.2	19.4 V	566	1996 PP ₄	1996 08 17.34378	19 54 34.34	-20 46 01.0	19.2 V	566
1996 PG ₄	1996 08 17.51144	22 09 39.27	-11 16 44.5	19.1 V	566	1996 PQ ₄	* 1996 08 14.35405	19 57 18.93	-20 43 31.6	18.7 V	566
1996 PH ₄	* 1996 08 10.48242	22 16 08.34	-09 14 03.2	19.6 V	566	1996 PQ ₄	1996 08 14.36407	19 57 18.53	-20 43 34.7	18.3 V	566
1996 PH ₄	1996 08 10.49085	22 16 07.92	-09 14 03.9	19.1 V	566	1996 PQ ₄	1996 08 14.37305	19 57 18.23	-20 43 37.0	18.8 V	566
1996 PH ₄	1996 08 10.49925	22 16 07.50	-09 14 04.7	19.0 V	566	1996 PQ ₄	1996 08 17.32608	19 55 36.85	-20 56 45.9	18.9 V	566
1996 PH ₄	1996 08 12.42707	22 14 33.19	-09 18 59.4	19.6 V	566	1996 PQ ₄	1996 08 17.33454	19 55 36.57	-20 56 48.3	18.6 V	566
1996 PH ₄	1996 08 12.43555	22 14 32.78	-09 19 01.6	19.5 V	566	1996 PQ ₄	1996 08 17.34378	19 55 36.25	-20 56 50.9	18.6 V	566
1996 PH ₄	1996 08 12.44482	22 14 32.41	-09 19 01.9	19.7 V	566	1996 PR ₄	* 1996 08 14.46360	22 18 37.92	-14 16 00.1	18.6 V	566
1996 PH ₄	1996 08 17.49584	22 10 08.56	-09 33 21.2	18.8 V	566	1996 PR ₄	1996 08 14.47209	22 18 37.39	-14 16 01.1	18.6 V	566
1996 PH ₄	1996 08 17.50424	22 10 08.12	-09 33 22.2	18.6 V	566	1996 PR ₄	1996 08 14.48252	22 18 36.68	-14 16 02.1	18.9 V	566
1996 PH ₄	1996 08 17.51521	22 10 07.49	-09 33 24.1	18.5 V	566	1996 PR ₄	1996 08 17.46932	22 15 30.09	-14 21 45.7	19.3 V	566
1996 PJ ₄	* 1996 08 12.40254	21 32 49.31	-15 45 52.7	19.1 V	566	1996 PR ₄	1996 08 17.47973	22 15 29.36	-14 21 46.7	19.1 V	566
1996 PJ ₄	1996 08 12.41302	21 32 48.72	-15 45 56.6	19.1 V	566	1996 PR ₄	1996 08 17.49007	22 15 28.70	-14 21 47.9	19.5 V	566
1996 PJ ₄	1996 08 12.42148	21 32 48.21	-15 46 00.0	19.4 V	566	1996 PS ₄	* 1996 08 14.46360	22 21 10.83	-15 12 30.6	18.9 V	566
1996 PJ ₄	1996 08 17.44031	21 28 10.30	-16 17 14.1	18.4 V	566	1996 PS ₄	1996 08 14.47209	22 21 10.31	-15 12 30.0	18.9 V	566
1996 PJ ₄	1996 08 17.45117	21 28 09.70	-16 17 18.4	18.4 V	566	1996 PS ₄	1996 08 14.48252	22 21 09.58	-15 12 29.8	19.0 V	566
1996 PJ ₄	1996 08 17.45964	21 28 09.20	-16 17 21.0	19.0 V	566	1996 PS ₄	1996 08 17.38260	22 18 06.00	-15 09 05.9	19.1 V	566
1996 PK ₄	* 1996 08 12.40254	21 35 41.91	-15 17 09.1	18.1 V	566	1996 PS ₄	1996 08 17.39153	22 18 05.42	-15 09 05.1	19.4 V	566
1996 PK ₄	1996 08 12.41302	21 35 41.29	-15 17 12.0	18.5 V	566	1996 PS ₄	1996 08 17.40001	22 18 04.85	-15 09 04.8	19.0 V	566
1996 PK ₄	1996 08 12.42148	21 35 40.71	-15 17 14.6	18.7 V	566	1996 PT ₄	* 1996 08 14.52515	21 48 14.80	-09 59 57.2	19.1 V	566
1996 PK ₄	1996 08 17.46141	21 30 41.50	-15 40 24.4	18.3 V	566	1996 PT ₄	1996 08 14.53359	21 48 14.36	-10 00 10.7	18.9 V	566
1996 PK ₄	1996 08 17.47208	21 30 40.81	-15 40 27.1	18.2 V	566	1996 PT ₄	1996 08 14.54199	21 48 13.94	-10 00 24.2	19.1 V	566
1996 PK ₄	1996 08 17.48158	21 30 40.29	-15 40 29.5	18.5 V	566	1996 PT ₄	1996 08 17.40172	21 45 49.77	-11 19 46.1	18.6 V	566
1996 PL ₄	* 1996 08 12.40428	21 31 34.29	-13 51 30.5	18.8 V	566	1996 PT ₄	1996 08 17.41014	21 45 49.27	-11 20 00.0	18.5 V	566
1996 PL ₄	1996 08 12.41475	21 31 33.78	-13 51 32.9	18.7 V	566	1996 PT ₄	1996 08 17.42137	21 45 48.67	-11 20 19.0	18.4 V	566

1996 PT ₄	1996 08 19.40503	21 44 07.27	-12 15 45.1	18.4 V	566	1996 PA ₅	1996 08 17.41960	22 07 00.32	-09 02 40.1	18.1 V	566
1996 PT ₄	1996 08 19.41548	21 44 06.69	-12 16 02.8	18.3 V	566	1996 PA ₅	1996 08 17.43291	22 06 59.83	-09 02 51.1	18.7 V	566
1996 PT ₄	1996 08 19.42590	21 44 06.11	-12 16 20.4	18.6 V	566	1996 PB ₅	* 1996 08 15.57784	22 08 51.93	-08 51 41.8	17.1 V	566
1996 PU ₄	* 1996 08 15.38924	21 02 48.38	-11 54 09.0	18.2 V	566	1996 PB ₅	1996 08 15.58823	22 08 51.30	-08 51 43.4	17.0 V	566
1996 PU ₄	1996 08 15.40006	21 02 47.90	-11 54 12.5	18.0 V	566	1996 PB ₅	1996 08 15.59709	22 08 50.78	-08 51 44.9	17.1 V	566
1996 PU ₄	1996 08 15.40848	21 02 47.52	-11 54 15.1	18.1 V	566	1996 PB ₅	1996 08 17.40720	22 07 05.61	-08 56 38.2	17.3 V	566
1996 PU ₄	1996 08 17.33159	21 01 24.29	-12 04 21.4	18.1 V	566	1996 PB ₅	1996 08 17.41960	22 07 04.84	-08 56 40.0	17.2 V	566
1996 PU ₄	1996 08 17.34026	21 01 23.91	-12 04 24.5	18.1 V	566	1996 PB ₅	1996 08 17.43291	22 07 03.99	-08 56 42.4	17.4 V	566
1996 PU ₄	1996 08 17.34928	21 01 23.49	-12 04 26.9	18.1 V	566	1996 PC ₅	* 1996 08 15.57784	22 11 20.07	-09 23 55.0	19.5 V	566
1996 PV ₄	* 1996 08 15.42613	21 01 48.20	-17 44 30.4	19.0 V	566	1996 PC ₅	1996 08 15.58823	22 11 19.57	-09 23 58.4	19.9 V	566
1996 PV ₄	1996 08 15.43836	21 01 47.47	-17 44 31.2	18.7 V	566	1996 PC ₅	1996 08 15.59709	22 11 19.15	-09 24 02.1	19.4 V	566
1996 PV ₄	1996 08 15.44680	21 01 47.02	-17 44 31.2	18.9 V	566	1996 PC ₅	1996 08 17.49584	22 09 46.07	-09 35 33.6	19.2 V	566
1996 PV ₄	1996 08 17.43664	21 00 04.06	-17 46 20.4	19.2 V	566	1996 PC ₅	1996 08 17.50424	22 09 45.66	-09 35 36.5	18.9 V	566
1996 PV ₄	1996 08 17.44756	21 00 03.49	-17 46 20.7	19.0 V	566	1996 PC ₅	1996 08 17.51521	22 09 45.09	-09 35 40.6	18.8 V	566
1996 PV ₄	1996 08 17.45608	21 00 03.00	-17 46 21.4	19.2 V	566	1996 PG ₅	1996 08 20.29350	21 01 00.04	-10 38 50.2	18.6 V	566
1996 PW ₄	* 1996 08 15.50107	21 45 33.98	-11 15 50.8	19.1 V	566	1996 PG ₅	1996 08 20.30542	21 00 59.44	-10 38 54.9	18.8 V	566
1996 PW ₄	1996 08 15.50960	21 45 33.43	-11 15 50.8	19.5 V	566	1996 PG ₅	1996 08 20.31386	21 00 59.00	-10 38 58.5	18.7 V	566
1996 PW ₄	1996 08 15.51851	21 45 32.79	-11 15 51.7	19.7 V	566	1996 PK ₅	* 1996 08 09.49944	22 26 26.15	-13 41 04.4	19.1 V	566
1996 PW ₄	1996 08 17.40172	21 43 33.43	-11 17 00.2	18.1 V	566	1996 PK ₅	1996 08 09.50931	22 26 25.64	-13 41 09.1	19.0 V	566
1996 PW ₄	1996 08 17.41014	21 43 32.85	-11 17 00.5	18.3 V	566	1996 PK ₅	1996 08 09.51774	22 26 25.26	-13 41 12.5	18.9 V	566
1996 PW ₄	1996 08 17.42137	21 43 32.10	-11 17 01.0	18.5 V	566	1996 PK ₅	1996 08 19.32823	22 17 54.89	-14 58 49.3	18.9 V	566
1996 PX ₄	* 1996 08 15.52940	22 33 56.40	-08 21 29.7	19.0 V	566	1996 PK ₅	1996 08 19.33668	22 17 54.38	-14 58 53.5	19.0 V	566
1996 PX ₄	1996 08 15.53780	22 33 56.00	-08 21 32.8	19.2 V	566	1996 PK ₅	1996 08 19.34663	22 17 53.83	-14 58 58.5	18.6 V	566
1996 PX ₄	1996 08 15.55014	22 33 55.41	-08 21 38.1	19.2 V	566	1996 PK ₅	1996 08 20.42737	22 16 53.95	-15 07 29.2	19.5 V	566
1996 PX ₄	1996 08 17.43473	22 32 26.12	-08 34 01.0	19.0 V	566	1996 PK ₅	1996 08 20.43776	22 16 53.31	-15 07 33.5	18.9 V	566
1996 PX ₄	1996 08 17.44325	22 32 25.74	-08 34 04.9	19.3 V	566	1996 PK ₅	1996 08 20.44620	22 16 52.82	-15 07 37.2	18.7 V	566
1996 PX ₄	1996 08 17.45295	22 32 25.22	-08 34 08.3	19.7 V	566	1996 PL ₅	* 1996 08 10.43500	20 38 37.81	-15 08 07.6	18.9 V	566
1996 PX ₄	1996 08 20.45824	22 29 58.49	-08 54 19.6	18.9 V	566	1996 PL ₅	1996 08 10.44348	20 38 37.35	-15 08 09.3	18.7 V	566
1996 PX ₄	1996 08 20.47060	22 29 57.80	-08 54 24.9	18.9 V	566	1996 PL ₅	1996 08 10.45196	20 38 36.88	-15 08 11.8	18.7 V	566
1996 PX ₄	1996 08 20.47902	22 29 57.34	-08 54 28.7	18.5 V	566	1996 PL ₅	1996 08 19.32631	20 31 09.74	-15 44 38.4	18.8 V	566
1996 PY ₄	* 1996 08 15.52940	22 33 56.88	-08 34 37.1	18.2 V	566	1996 PL ₅	1996 08 19.33472	20 31 09.31	-15 44 40.6	18.5 V	566
1996 PY ₄	1996 08 15.53780	22 33 56.47	-08 34 45.0	18.6 V	566	1996 PL ₅	1996 08 19.34480	20 31 08.86	-15 44 43.0	18.5 V	566
1996 PY ₄	1996 08 15.55014	22 33 55.82	-08 34 57.0	18.5 V	566	1996 PM ₅	* 1996 08 10.44005	21 31 32.15	-17 31 02.9	18.4 V	566
1996 PY ₄	1996 08 17.43473	22 32 19.92	-09 05 16.4	17.7 V	566	1996 PM ₅	1996 08 10.44844	21 31 31.74	-17 31 07.4	18.3 V	566
1996 PY ₄	1996 08 17.44325	22 32 19.43	-09 05 24.4	17.6 V	566	1996 PM ₅	1996 08 10.45684	21 31 31.34	-17 31 11.5	18.2 V	566
1996 PY ₄	1996 08 17.45295	22 32 18.92	-09 05 33.9	17.6 V	566	1996 PM ₅	1996 08 19.37694	21 24 35.27	-18 45 54.5	19.0 V	566
1996 PY ₄	1996 08 19.40949	22 30 37.32	-09 37 08.5	18.4 V	566	1996 PM ₅	1996 08 19.38650	21 24 34.83	-18 45 59.4	18.9 V	566
1996 PY ₄	1996 08 19.41988	22 30 36.75	-09 37 18.1	18.4 V	566	1996 PM ₅	1996 08 19.39488	21 24 34.42	-18 46 03.4	19.0 V	566
1996 PY ₄	1996 08 19.43029	22 30 36.20	-09 37 28.6	18.7 V	566	1996 PN ₅	1996 07 21.45384	21 46 55.93	-16 56 45.6	17.9 V	566
1996 PY ₄	1996 08 20.45824	22 29 41.98	-09 54 05.3	19.0 V	566	1996 PN ₅	1996 07 21.46844	21 46 55.35	-16 56 49.2	19.1 V	566
1996 PY ₄	1996 08 20.47060	22 29 41.25	-09 54 16.7	19.5 V	566	1996 PN ₅	1996 07 21.47589	21 46 55.11	-16 56 51.8	17.8 V	566
1996 PY ₄	1996 08 20.47902	22 29 40.88	-09 54 25.0	19.2 V	566	1996 PN ₅	1996 07 21.49439	21 46 54.37	-16 56 56.5	19.0 V	566
1996 PZ ₄	* 1996 08 15.55392	23 24 08.22	-02 08 09.8	19.1 V	566	1996 PN ₅	1996 07 21.49823	21 46 54.29	-16 56 58.2	18.1 V	566
1996 PZ ₄	1996 08 15.56235	23 24 07.83	-02 08 06.5	19.0 V	566	1996 PN ₅	1996 07 21.51283	21 46 53.70	-16 57 01.4	19.3 V	566
1996 PZ ₄	1996 08 15.57075	23 24 07.42	-02 08 03.2	19.0 V	566	1996 PN ₅	* 1996 08 10.44005	21 31 58.68	-18 32 38.4	18.1 V	566
1996 PZ ₄	1996 08 17.54665	23 22 44.90	-01 54 40.1	19.6 V	566	1996 PN ₅	1996 08 10.44844	21 31 58.23	-18 32 40.8	18.2 V	566
1996 PZ ₄	1996 08 17.55508	23 22 44.53	-01 54 37.2	19.9 V	566	1996 PN ₅	1996 08 10.45684	21 31 57.79	-18 32 43.1	18.2 V	566
1996 PZ ₄	1996 08 17.58038	23 22 43.35	-01 54 26.5	19.8 V	566	1996 PN ₅	1996 08 19.37694	21 24 21.87	-19 12 58.2	18.4 V	566
1996 PA ₅	* 1996 08 15.57784	22 08 10.65	-08 40 11.4	17.3 V	566	1996 PN ₅	1996 08 19.38650	21 24 21.33	-19 13 00.4	18.2 V	566
1996 PA ₅	1996 08 15.58823	22 08 10.24	-08 40 18.9	17.6 V	566	1996 PN ₅	1996 08 19.39488	21 24 20.89	-19 13 02.7	18.4 V	566
1996 PA ₅	1996 08 15.59709	22 08 09.88	-08 40 25.2	17.6 V	566	1996 PO ₅	* 1996 08 10.44005	21 32 49.57	-18 04 54.2	19.6 V	566
1996 PA ₅	1996 08 17.40720	22 07 00.80	-09 02 31.6	18.4 V	566	1996 PO ₅	1996 08 10.44844	21 32 49.19	-18 04 56.6	19.3 V	566

1996 PO ₅	1996 08 10.45684	21 32 48.83	-18 04 58.4	19.2 V	566	1996 PW ₅	1996 08 19.40323	21 14 39.72	-12 12 18.8	19.5 V	566
1996 PO ₅	1996 08 19.37694	21 25 54.44	-18 39 29.4	18.9 V	566	1996 PW ₅	1996 08 19.41366	21 14 39.13	-12 12 20.6	19.2 V	566
1996 PO ₅	1996 08 19.38650	21 25 53.99	-18 39 31.8	18.7 V	566	1996 PW ₅	1996 08 19.42215	21 14 38.66	-12 12 22.7	19.5 V	566
1996 PO ₅	1996 08 19.39488	21 25 53.58	-18 39 33.2	18.6 V	566	1996 PX ₅	* 1996 08 10.48727	22 16 47.25	-13 44 45.0	18.5 V	566
1996 PP ₅	* 1996 08 10.44005	21 33 04.76	-17 09 24.8	18.2 V	566	1996 PX ₅	1996 08 10.49568	22 16 46.84	-13 44 48.2	18.5 V	566
1996 PP ₅	1996 08 10.44525	21 33 04.46	-17 09 24.2	18.8 V	566	1996 PX ₅	1996 08 10.50408	22 16 46.44	-13 44 52.1	18.5 V	566
1996 PP ₅	1996 08 10.44844	21 33 04.21	-17 09 24.7	18.2 V	566	1996 PX ₅	1996 08 19.43212	22 09 26.24	-14 48 14.3	18.8 V	566
1996 PP ₅	1996 08 10.45372	21 33 03.87	-17 09 24.0	18.7 V	566	1996 PX ₅	1996 08 19.44245	22 09 25.70	-14 48 19.4	18.7 V	566
1996 PP ₅	1996 08 10.45684	21 33 03.61	-17 09 24.7	18.2 V	566	1996 PX ₅	1996 08 19.45085	22 09 25.25	-14 48 22.1	19.2 V	566
1996 PP ₅	1996 08 10.46210	21 33 03.28	-17 09 24.0	18.8 V	566	1996 PY ₅	* 1996 08 10.49257	22 13 43.78	-12 27 35.2	18.6 V	566
1996 PP ₅	1996 08 19.38061	21 23 34.76	-17 08 04.9	18.8 V	566	1996 PY ₅	1996 08 10.50106	22 13 43.37	-12 27 38.5	18.9 V	566
1996 PP ₅	1996 08 19.38903	21 23 34.24	-17 08 04.5	18.9 V	566	1996 PY ₅	1996 08 10.50945	22 13 42.99	-12 27 41.7	18.5 V	566
1996 PP ₅	1996 08 19.39744	21 23 33.69	-17 08 04.3	18.7 V	566	1996 PY ₅	1996 08 19.43389	22 06 41.40	-13 23 20.4	19.1 V	566
1996 PQ ₅	* 1996 08 10.45862	21 26 42.93	-15 06 30.0	19.0 V	566	1996 PY ₅	1996 08 19.44414	22 06 40.81	-13 23 24.4	18.7 V	566
1996 PQ ₅	1996 08 10.46702	21 26 42.45	-15 06 31.1	19.3 V	566	1996 PY ₅	1996 08 19.45266	22 06 40.41	-13 23 27.6	18.8 V	566
1996 PQ ₅	1996 08 10.47542	21 26 41.92	-15 06 32.3	19.2 V	566	1996 PZ ₅	* 1996 08 10.49257	22 15 45.06	-12 05 42.9	18.5 V	566
1996 PQ ₅	1996 08 19.38470	21 18 02.40	-15 23 59.9	17.8 V	566	1996 PZ ₅	1996 08 10.50106	22 15 44.63	-12 05 46.0	18.2 V	566
1996 PQ ₅	1996 08 19.39309	21 18 01.90	-15 24 01.0	17.9 V	566	1996 PZ ₅	1996 08 10.50945	22 15 44.22	-12 05 50.0	18.3 V	566
1996 PQ ₅	1996 08 19.40150	21 18 01.39	-15 24 01.9	18.1 V	566	1996 PZ ₅	1996 08 19.43389	22 08 09.47	-13 13 08.9	18.3 V	566
1996 PR ₅	* 1996 08 10.45862	21 27 43.26	-14 24 58.2	18.3 V	566	1996 PZ ₅	1996 08 19.44414	22 08 08.87	-13 13 13.7	18.0 V	566
1996 PR ₅	1996 08 10.46702	21 27 42.72	-14 25 00.8	18.4 V	566	1996 PZ ₅	1996 08 19.45266	22 08 08.37	-13 13 17.4	18.0 V	566
1996 PR ₅	1996 08 10.47542	21 27 42.25	-14 25 03.6	18.3 V	566	1996 PA ₆	* 1996 08 10.50574	22 10 29.08	-11 53 02.5	18.7 V	566
1996 PR ₅	1996 08 19.38470	21 19 14.66	-15 13 43.5	18.6 V	566	1996 PA ₆	1996 08 10.51416	22 10 28.64	-11 53 03.4	19.0 V	566
1996 PR ₅	1996 08 19.39309	21 19 14.14	-15 13 46.3	19.0 V	566	1996 PA ₆	1996 08 10.52257	22 10 28.20	-11 53 04.5	18.8 V	566
1996 PR ₅	1996 08 19.40150	21 19 13.67	-15 13 48.9	18.9 V	566	1996 PA ₆	1996 08 19.43769	22 02 39.19	-12 13 03.9	18.3 V	566
1996 PS ₅	* 1996 08 10.45862	21 30 12.33	-14 37 51.9	17.9 V	566	1996 PA ₆	1996 08 19.44612	22 02 38.74	-12 13 05.6	18.4 V	566
1996 PS ₅	1996 08 10.46702	21 30 11.81	-14 37 54.9	17.9 V	566	1996 PA ₆	1996 08 19.45646	22 02 38.16	-12 13 06.2	18.5 V	566
1996 PS ₅	1996 08 10.47542	21 30 11.31	-14 37 58.1	17.7 V	566	1996 PB ₆	* 1996 08 10.50574	22 10 44.46	-10 33 48.5	18.9 V	566
1996 PS ₅	1996 08 19.38470	21 21 44.87	-15 34 25.1	18.1 V	566	1996 PB ₆	1996 08 10.51416	22 10 44.05	-10 33 50.1	18.8 V	566
1996 PS ₅	1996 08 19.39309	21 21 44.38	-15 34 28.8	18.5 V	566	1996 PB ₆	1996 08 10.52257	22 10 43.58	-10 33 51.6	18.8 V	566
1996 PS ₅	1996 08 19.40150	21 21 43.90	-15 34 31.5	18.2 V	566	1996 PB ₆	1996 08 19.44797	22 03 13.28	-11 02 40.9	19.1 V	566
1996 PT ₅	* 1996 08 10.46389	21 25 49.04	-12 55 51.7	17.0 V	566	1996 PB ₆	1996 08 19.45823	22 03 12.75	-11 02 42.1	19.0 V	566
1996 PT ₅	1996 08 10.47232	21 25 48.51	-12 55 53.4	17.1 V	566	1996 PB ₆	1996 08 19.46671	22 03 12.29	-11 02 45.0	19.1 V	566
1996 PT ₅	1996 08 10.48072	21 25 47.97	-12 55 55.1	17.0 V	566	1996 PC ₆	* 1996 08 10.50744	22 08 14.97	-09 24 34.0	19.3 V	566
1996 PT ₅	1996 08 19.39086	21 16 35.06	-13 25 20.0	17.4 V	566	1996 PC ₆	1996 08 10.51585	22 08 14.52	-09 24 33.9	19.2 V	566
1996 PT ₅	1996 08 19.39926	21 16 34.54	-13 25 21.6	17.3 V	566	1996 PC ₆	1996 08 10.52426	22 08 14.06	-09 24 33.9	18.8 V	566
1996 PT ₅	1996 08 19.40768	21 16 34.01	-13 25 23.1	17.4 V	566	1996 PC ₆	1996 08 19.46190	22 00 19.42	-09 26 39.4	19.3 V	566
1996 PU ₅	* 1996 08 10.46389	21 27 09.08	-13 45 03.7	18.9 V	566	1996 PC ₆	1996 08 19.47034	22 00 18.94	-09 26 39.4	19.0 V	566
1996 PU ₅	1996 08 10.47232	21 27 08.69	-13 45 09.6	18.9 V	566	1996 PC ₆	1996 08 19.47880	22 00 18.49	-09 26 39.3	19.3 V	566
1996 PU ₅	1996 08 10.48072	21 27 08.27	-13 45 15.8	18.7 V	566	1996 PD ₆	* 1996 08 10.50744	22 08 53.03	-09 47 10.1	19.3 V	566
1996 PU ₅	1996 08 19.38470	21 20 32.88	-15 37 51.4	18.0 V	566	1996 PD ₆	1996 08 10.51585	22 08 52.65	-09 47 11.8	19.2 V	566
1996 PU ₅	1996 08 19.39309	21 20 32.50	-15 37 57.9	17.8 V	566	1996 PD ₆	1996 08 10.52426	22 08 52.26	-09 47 13.4	19.5 V	566
1996 PU ₅	1996 08 19.40150	21 20 32.10	-15 38 04.6	17.8 V	566	1996 PD ₆	1996 08 19.44797	22 02 00.71	-10 08 30.3	19.3 V	566
1996 PV ₅	* 1996 08 10.46389	21 27 14.40	-12 50 58.0	18.0 V	566	1996 PD ₆	1996 08 19.45823	22 02 00.20	-10 08 31.1	19.6 V	566
1996 PV ₅	1996 08 10.47232	21 27 13.86	-12 51 01.7	18.1 V	566	1996 PD ₆	1996 08 19.46671	22 01 59.78	-10 08 33.4	19.7 V	566
1996 PV ₅	1996 08 10.48072	21 27 13.34	-12 51 05.1	17.9 V	566	1996 PE ₆	* 1996 08 10.51760	23 00 07.48	-10 34 29.5	18.9 V	566
1996 PV ₅	1996 08 19.39086	21 18 34.32	-13 53 31.3	18.5 V	566	1996 PE ₆	1996 08 10.52605	23 00 07.08	-10 34 31.5	18.8 V	566
1996 PV ₅	1996 08 19.39926	21 18 33.82	-13 53 34.9	18.4 V	566	1996 PE ₆	1996 08 10.53444	23 00 06.76	-10 34 34.4	19.6 V	566
1996 PV ₅	1996 08 19.40768	21 18 33.27	-13 53 38.3	18.6 V	566	1996 PE ₆	1996 08 19.46377	22 53 03.29	-11 21 59.3	18.9 V	566
1996 PW ₅	* 1996 08 10.46869	21 23 13.70	-11 41 14.0	19.0 V	566	1996 PE ₆	1996 08 19.47618	22 53 02.62	-11 22 03.8	19.0 V	566
1996 PW ₅	1996 08 10.47709	21 23 13.12	-11 41 15.6	18.8 V	566	1996 PE ₆	1996 08 19.48460	22 53 02.11	-11 22 06.5	19.7 V	566
1996 PW ₅	1996 08 10.48555	21 23 12.65	-11 41 17.4	18.9 V	566	1996 PF ₆	* 1996 08 10.54189	22 47 21.42	-03 53 42.0	17.6 V	566

1996 PF ₆	1996 08 10.55034	22 47 21.12	-03 53 47.1	17.6 V	566	1996 PO ₆	1996 08 12.44969	21 21 47.58	-17 23 22.7	17.9 V	566
1996 PF ₆	1996 08 10.55876	22 47 20.82	-03 53 51.8	17.6 V	566	1996 PO ₆	1996 08 20.35029	21 13 43.30	-17 42 18.7	17.6 V	566
1996 PF ₆	1996 08 19.49920	22 41 31.08	-05 24 36.1	19.8 V	566	1996 PO ₆	1996 08 20.35923	21 13 42.77	-17 42 20.1	17.7 V	566
1996 PF ₆	1996 08 19.50759	22 41 30.75	-05 24 41.0	20.0 V	566	1996 PO ₆	1996 08 20.36762	21 13 42.20	-17 42 21.1	17.6 V	566
1996 PF ₆	1996 08 19.51604	22 41 30.39	-05 24 46.0	19.7 V	566	1996 PP ₆	* 1996 08 12.47954	22 01 53.21	-11 13 26.8	18.8 V	566
1996 PG ₆	* 1996 08 14.46360	22 21 34.27	-15 19 54.0	17.9 V	566	1996 PP ₆	1996 08 12.48807	22 01 52.76	-11 13 31.1	18.8 V	566
1996 PG ₆	1996 08 14.47209	22 21 33.82	-15 19 57.2	18.0 V	566	1996 PP ₆	1996 08 12.49651	22 01 52.29	-11 13 35.3	19.0 V	566
1996 PG ₆	1996 08 14.48252	22 21 33.23	-15 20 01.3	18.0 V	566	1996 PP ₆	1996 08 20.40100	21 54 37.65	-12 17 10.8	18.5 V	566
1996 PG ₆	1996 08 19.32823	22 17 14.35	-15 51 56.4	19.0 V	566	1996 PP ₆	1996 08 20.40940	21 54 37.20	-12 17 14.7	18.8 V	566
1996 PG ₆	1996 08 19.33668	22 17 13.89	-15 51 59.5	18.8 V	566	1996 PP ₆	1996 08 20.41790	21 54 36.64	-12 17 18.9	18.9 V	566
1996 PG ₆	1996 08 19.34663	22 17 13.29	-15 52 03.5	18.8 V	566	1996 PQ ₆	* 1996 08 12.50395	22 50 21.40	-10 32 24.9	19.4 V	566
1996 PH ₆	* 1996 08 14.54945	22 35 40.38	-08 36 39.5	18.2 V	566	1996 PQ ₆	1996 08 12.51240	22 50 20.91	-10 32 27.4	18.9 V	566
1996 PH ₆	1996 08 14.55979	22 35 40.00	-08 36 44.3	18.4 V	566	1996 PQ ₆	1996 08 12.52475	22 50 20.22	-10 32 30.0	18.9 V	566
1996 PH ₆	1996 08 14.56818	22 35 39.66	-08 36 48.2	18.5 V	566	1996 PQ ₆	1996 08 20.47241	22 42 48.52	-11 02 55.3	19.2 V	566
1996 PH ₆	1996 08 19.40949	22 32 39.14	-09 16 01.6	18.8 V	566	1996 PQ ₆	1996 08 20.48085	22 42 48.03	-11 02 57.0	19.4 V	566
1996 PH ₆	1996 08 19.41988	22 32 38.74	-09 16 07.1	18.7 V	566	1996 PQ ₆	1996 08 20.48927	22 42 47.48	-11 02 58.8	19.0 V	566
1996 PH ₆	1996 08 19.43029	22 32 38.34	-09 16 13.0	19.0 V	566	1996 PR ₆	* 1996 08 12.50577	22 49 09.76	-09 53 23.1	19.0 V	566
1996 PH ₆	1996 08 20.45824	22 31 58.35	-09 24 41.8	18.9 V	566	1996 PR ₆	1996 08 12.51419	22 49 09.56	-09 53 30.4	19.5 V	566
1996 PH ₆	1996 08 20.47060	22 31 57.83	-09 24 47.9	18.8 V	566	1996 PR ₆	1996 08 12.52660	22 49 09.10	-09 53 39.9	19.3 V	566
1996 PH ₆	1996 08 20.47902	22 31 57.46	-09 24 52.3	19.1 V	566	1996 PR ₆	1996 08 20.47241	22 44 41.76	-11 40 58.7	18.2 V	566
1996 PJ ₆	* 1996 08 14.55488	22 31 03.75	-06 12 52.8	19.1 V	566	1996 PR ₆	1996 08 20.48085	22 44 41.43	-11 41 05.6	17.9 V	566
1996 PJ ₆	1996 08 14.56355	22 31 03.36	-06 12 54.8	19.0 V	566	1996 PR ₆	1996 08 20.48927	22 44 41.09	-11 41 12.4	18.2 V	566
1996 PJ ₆	1996 08 14.57394	22 31 02.92	-06 12 57.7	19.0 V	566	1996 PS ₆	* 1996 08 12.50761	22 46 51.07	-07 55 21.1	19.2 V	566
1996 PJ ₆	1996 08 19.35403	22 27 47.29	-06 36 36.2	18.2 V	566	1996 PS ₆	1996 08 12.51602	22 46 50.61	-07 55 21.1	19.3 V	566
1996 PJ ₆	1996 08 19.36477	22 27 46.79	-06 36 39.6	18.4 V	566	1996 PS ₆	1996 08 12.52846	22 46 49.96	-07 55 20.9	19.3 V	566
1996 PJ ₆	1996 08 19.37317	22 27 46.41	-06 36 42.3	18.1 V	566	1996 PS ₆	1996 08 20.47659	22 39 40.08	-07 59 40.1	19.3 V	566
1996 PK ₆	* 1996 08 15.52394	22 31 17.81	-07 08 39.0	18.5 V	566	1996 PS ₆	1996 08 20.48696	22 39 39.45	-07 59 41.2	20.0 V	566
1996 PK ₆	1996 08 15.53236	22 31 17.34	-07 08 39.3	18.5 V	566	1996 PS ₆	1996 08 20.49535	22 39 38.99	-07 59 42.2	19.7 V	566
1996 PK ₆	1996 08 15.54079	22 31 16.88	-07 08 39.7	18.4 V	566	1996 PT ₆	* 1996 08 12.53209	22 41 02.24	-05 29 32.8	18.8 V	566
1996 PK ₆	1996 08 19.35403	22 27 41.10	-07 12 00.0	18.4 V	566	1996 PT ₆	1996 08 12.54304	22 41 01.67	-05 29 35.6	18.7 V	566
1996 PK ₆	1996 08 19.36477	22 27 40.46	-07 12 00.5	18.2 V	566	1996 PT ₆	1996 08 12.55346	22 41 01.10	-05 29 37.5	18.8 V	566
1996 PK ₆	1996 08 19.37317	22 27 39.95	-07 12 01.2	18.3 V	566	1996 PT ₆	1996 08 20.49708	22 33 52.26	-06 03 03.6	17.7 V	566
1996 PL ₆	* 1996 08 12.38007	20 31 03.32	-17 48 59.1	18.3 V	566	1996 PT ₆	1996 08 20.51076	22 33 51.45	-06 03 07.6	17.9 V	566
1996 PL ₆	1996 08 12.39000	20 31 02.81	-17 49 01.8	18.4 V	566	1996 PT ₆	1996 08 20.52114	22 33 50.81	-06 03 10.4	17.6 V	566
1996 PL ₆	1996 08 12.39841	20 31 02.37	-17 49 04.0	18.6 V	566	1996 PU ₆	* 1996 08 15.40553	21 11 30.71	-13 38 25.5	18.0 V	566
1996 PL ₆	1996 08 20.28950	20 25 07.83	-18 23 17.6	18.1 V	566	1996 PU ₆	1996 08 15.41592	21 11 30.12	-13 38 28.7	18.0 V	566
1996 PL ₆	1996 08 20.29972	20 25 07.39	-18 23 19.9	18.3 V	566	1996 PU ₆	1996 08 15.42435	21 11 29.64	-13 38 30.9	18.1 V	566
1996 PL ₆	1996 08 20.30909	20 25 07.02	-18 23 22.6	18.1 V	566	1996 PU ₆	1996 08 20.37306	21 07 02.26	-14 00 41.4	18.3 V	566
1996 PM ₆	* 1996 08 12.38007	20 31 28.36	-17 21 47.9	18.7 V	566	1996 PU ₆	1996 08 20.38228	21 07 01.73	-14 00 44.0	18.2 V	566
1996 PM ₆	1996 08 12.39000	20 31 27.86	-17 21 51.3	18.8 V	566	1996 PU ₆	1996 08 20.39074	21 07 01.24	-14 00 45.1	18.7 V	566
1996 PM ₆	1996 08 12.39841	20 31 27.45	-17 21 53.5	18.9 V	566	1996 PV ₆	* 1996 08 15.40553	21 11 40.16	-13 38 18.7	18.3 V	566
1996 PM ₆	1996 08 20.28950	20 25 37.56	-18 01 56.3	18.7 V	566	1996 PV ₆	1996 08 15.41592	21 11 39.61	-13 38 24.3	18.2 V	566
1996 PM ₆	1996 08 20.29972	20 25 37.17	-18 01 59.7	18.7 V	566	1996 PV ₆	1996 08 15.42435	21 11 39.21	-13 38 28.6	18.0 V	566
1996 PM ₆	1996 08 20.30909	20 25 36.74	-18 02 02.9	18.8 V	566	1996 PV ₆	1996 08 20.37306	21 07 51.81	-14 20 11.7	19.6 V	566
1996 PN ₆	* 1996 08 12.42890	21 22 45.66	-18 04 50.9	17.7 V	566	1996 PV ₆	1996 08 20.38228	21 07 51.31	-14 20 16.1	19.4 V	566
1996 PN ₆	1996 08 12.43940	21 22 45.05	-18 04 52.1	17.9 V	566	1996 PV ₆	1996 08 20.39074	21 07 50.98	-14 20 20.5	18.9 V	566
1996 PN ₆	1996 08 12.44788	21 22 44.52	-18 04 53.5	17.6 V	566	1996 QA	* 1996 08 16.47532	20 54 15.25	-19 00 42.5	18.6 V	566
1996 PN ₆	1996 08 20.35029	21 15 30.57	-18 24 05.4	19.7 V	566	1996 QA	1996 08 16.48568	20 54 14.29	-19 00 36.9	18.4 V	566
1996 PN ₆	1996 08 20.35923	21 15 30.06	-18 24 06.9	19.7 V	566	1996 QA	1996 08 16.49572	20 54 13.33	-19 00 31.8	18.3 V	566
1996 PN ₆	1996 08 20.36762	21 15 29.58	-18 24 07.6	19.0 V	566	1996 QA	1996 08 17.35108	20 52 56.26	-18 53 03.8	18.8 V	566
1996 PO ₆	* 1996 08 12.43067	21 21 48.84	-17 23 19.5	18.0 V	566	1996 QA	1996 08 17.35952	20 52 55.46	-18 52 59.6	18.7 V	566
1996 PO ₆	1996 08 12.44118	21 21 48.14	-17 23 21.3	18.1 V	566	1996 QA	1996 08 17.36793	20 52 54.64	-18 52 54.7	18.7 V	566

1996 QA	1996 08 20.26147	20 48 40.84	-18 27 11.5	19.1 V	566	1996 QM	1996 08 16.53785	21 40 12.98	-15 20 54.7	18.3 V	566
1996 QA	1996 08 20.26988	20 48 40.13	-18 27 07.5	19.1 V	566	1996 QM	1996 08 16.54628	21 40 12.34	-15 20 52.7	18.4 V	566
1996 QA	1996 08 20.27903	20 48 39.23	-18 27 03.2	19.1 V	566	1996 QM	1996 08 20.31768	21 35 37.86	-15 10 20.4	18.9 V	566
1996 QB	* 1996 08 16.59929	22 03 41.94	-07 58 50.8	19.5 V	566	1996 QM	1996 08 20.32799	21 35 37.09	-15 10 18.4	19.5 V	566
1996 QB	1996 08 16.60770	22 03 41.40	-07 58 52.5	19.1 V	566	1996 QM	1996 08 20.33928	21 35 36.27	-15 10 16.5	19.0 V	566
1996 QB	1996 08 16.61613	22 03 40.94	-07 58 55.2	19.0 V	566	1996 QN	* 1996 08 17.38260	22 20 48.32	-14 38 55.6	18.9 V	566
1996 QB	1996 08 17.40720	22 02 55.20	-08 03 27.0	18.4 V	566	1996 QN	1996 08 17.39153	22 20 47.97	-14 39 00.6	19.7 V	566
1996 QB	1996 08 17.41960	22 02 54.46	-08 03 31.1	18.6 V	566	1996 QN	1996 08 17.40001	22 20 47.58	-14 39 05.7	19.2 V	566
1996 QB	1996 08 17.43291	22 02 53.64	-08 03 35.8	18.5 V	566	1996 QN	1996 08 20.42737	22 18 43.02	-15 06 18.0	19.8 V	566
1996 QB	1996 08 20.44232	21 59 56.24	-08 21 04.8	18.6 V	566	1996 QN	1996 08 20.43776	22 18 42.49	-15 06 23.3	19.3 V	566
1996 QB	1996 08 20.45320	21 59 55.58	-08 21 09.4	18.4 V	566	1996 QN	1996 08 20.44620	22 18 42.17	-15 06 27.5	19.3 V	566
1996 QB	1996 08 20.46165	21 59 55.01	-08 21 12.2	18.6 V	566	1996 QO	* 1996 08 17.40536	21 45 53.46	-16 48 03.6	18.3 V	566
1996 QC	1996 07 21.30503	19 23 17.30	-20 59 12.8	17.6 V	566	1996 QO	1996 08 17.41774	21 45 52.84	-16 48 06.9	18.3 V	566
1996 QC	1996 07 21.31359	19 23 16.83	-20 59 14.9	18.2 V	566	1996 QO	1996 08 17.43097	21 45 52.25	-16 48 10.8	18.5 V	566
1996 QC	1996 07 21.32198	19 23 16.39	-20 59 15.7	17.9 V	566	1996 QO	1996 08 20.32162	21 43 42.57	-17 01 33.3	18.2 V	566
1996 QF	1996 08 17.38260	22 20 35.25	-14 44 08.1	18.7 V	566	1996 QO	1996 08 20.33045	21 43 42.18	-17 01 35.9	18.1 V	566
1996 QF	1996 08 17.39153	22 20 34.80	-14 44 10.6	19.3 V	566	1996 QO	1996 08 20.34111	21 43 41.67	-17 01 38.8	18.2 V	566
1996 QF	1996 08 17.40001	22 20 34.37	-14 44 12.6	18.9 V	566	1996 QP	* 1996 08 17.40720	22 02 15.24	-07 58 29.4	17.0 V	566
1996 QF	1996 08 19.32823	22 19 02.68	-14 52 51.2	19.2 V	566	1996 QP	1996 08 17.41960	22 02 14.61	-07 58 37.0	16.9 V	566
1996 QF	1996 08 19.33668	22 19 02.32	-14 52 53.5	19.4 V	566	1996 QP	1996 08 17.43291	22 02 13.95	-07 58 45.2	17.0 V	566
1996 QF	1996 08 19.34663	22 19 01.78	-14 52 56.1	18.7 V	566	1996 QP	1996 08 20.44232	21 59 53.12	-08 30 00.0	18.8 V	566
1996 QG	* 1996 08 16.60108	22 32 28.51	-12 08 43.5	18.3 V	566	1996 QP	1996 08 20.45320	21 59 52.57	-08 30 06.9	19.0 V	566
1996 QG	1996 08 16.61146	22 32 27.90	-12 08 45.1	18.0 V	566	1996 QP	1996 08 20.46165	21 59 52.20	-08 30 12.3	18.8 V	566
1996 QG	1996 08 16.62180	22 32 27.30	-12 08 47.2	17.9 V	566	1996 QQ	* 1996 08 17.59961	00 01 57.88	+00 14 11.8	18.1 V	566
1996 QG	1996 08 19.36039	22 29 50.14	-12 17 31.2	17.9 V	566	1996 QQ	1996 08 17.61515	00 01 58.20	+00 13 47.3	18.1 V	566
1996 QG	1996 08 19.37014	22 29 49.56	-12 17 33.1	18.1 V	566	1996 QQ	1996 08 17.62355	00 01 58.40	+00 13 34.1	18.4 V	566
1996 QG	1996 08 19.37877	22 29 49.04	-12 17 34.6	17.9 V	566	1996 QQ	1996 08 20.52657	00 03 04.48	-01 05 09.3	17.1 V	566
1996 QH	* 1996 08 16.60286	22 30 04.62	-07 58 17.7	18.7 V	566	1996 QQ	1996 08 20.53225	00 03 04.56	-01 05 18.7	16.9 V	566
1996 QH	1996 08 16.61325	22 30 04.02	-07 58 19.1	19.7 V	566	1996 QQ	1996 08 20.53602	00 03 04.63	-01 05 25.3	17.2 V	566
1996 QH	1996 08 16.62354	22 30 03.41	-07 58 19.6	19.1 V	566	1996 QQ	1996 08 20.54269	00 03 04.73	-01 05 36.2	16.9 V	566
1996 QH	1996 08 19.35403	22 27 23.03	-08 02 48.0	18.2 V	566	1996 QQ	1996 08 20.54444	00 03 04.75	-01 05 39.5	17.1 V	566
1996 QH	1996 08 19.36477	22 27 22.35	-08 02 48.9	18.4 V	566	1996 QQ	1996 08 20.55120	00 03 04.86	-01 05 50.5	17.0 V	566
1996 QH	1996 08 19.37317	22 27 21.84	-08 02 49.7	18.4 V	566	1996 QR	* 1996 08 19.32823	22 17 44.29	-15 22 01.0	19.1 V	566
1996 QJ	* 1996 08 17.43473	22 31 35.61	-08 41 20.9	18.9 V	566	1996 QR	1996 08 19.33668	22 17 43.89	-15 22 03.6	19.4 V	566
1996 QJ	1996 08 17.44325	22 31 35.22	-08 41 22.7	19.0 V	566	1996 QR	1996 08 19.34663	22 17 43.34	-15 22 06.3	18.7 V	566
1996 QJ	1996 08 17.45295	22 31 34.78	-08 41 24.6	19.0 V	566	1996 QR	1996 08 20.42737	22 16 48.86	-15 26 46.6	19.4 V	566
1996 QJ	1996 08 19.40949	22 30 10.11	-08 48 11.8	18.9 V	566	1996 QR	1996 08 20.43776	22 16 48.32	-15 26 49.4	19.0 V	566
1996 QJ	1996 08 19.41988	22 30 09.60	-08 48 14.0	18.5 V	566	1996 QR	1996 08 20.44620	22 16 47.86	-15 26 51.7	19.0 V	566
1996 QJ	1996 08 19.43029	22 30 09.15	-08 48 16.4	19.1 V	566	1996 QS	* 1996 08 19.32823	22 18 51.62	-14 56 52.8	19.5 V	566
1996 QJ	1996 08 20.45824	22 29 23.64	-08 51 54.0	18.4 V	566	1996 QS	1996 08 19.33668	22 18 51.26	-14 56 56.6	19.8 V	566
1996 QJ	1996 08 20.47060	22 29 23.11	-08 51 56.8	18.6 V	566	1996 QS	1996 08 19.34663	22 18 50.80	-14 57 01.2	19.1 V	566
1996 QJ	1996 08 20.47902	22 29 22.65	-08 51 58.8	18.8 V	566	1996 QS	1996 08 20.42737	22 18 03.72	-15 05 32.1	19.8 V	566
1996 QK	* 1996 08 17.43473	22 31 42.98	-09 36 22.9	19.0 V	566	1996 QS	1996 08 20.43776	22 18 03.23	-15 05 37.0	19.4 V	566
1996 QK	1996 08 17.44325	22 31 42.59	-09 36 25.3	19.3 V	566	1996 QS	1996 08 20.44620	22 18 02.81	-15 05 40.8	19.3 V	566
1996 QK	1996 08 17.45295	22 31 42.15	-09 36 27.8	18.9 V	566	1996 QY	1996 08 14.49160	21 56 12.36	-12 18 59.3	19.1 V	566
1996 QK	1996 08 19.40949	22 30 14.83	-09 45 19.7	19.4 V	566	1996 QY	1996 08 14.50588	21 56 11.48	-12 19 01.4	19.0 V	566
1996 QK	1996 08 19.41988	22 30 14.38	-09 45 22.5	19.1 V	566	1996 QY	1996 08 14.51863	21 56 10.69	-12 19 02.9	18.8 V	566
1996 QK	1996 08 19.43029	22 30 13.92	-09 45 25.2	19.3 V	566	1996 QB ₁	1996 08 14.49160	21 53 51.87	-12 12 12.6	17.1 V	566
1996 QL	1996 08 16.60286	22 31 28.03	-06 52 46.3	18.6 V	566	1996 QB ₁	1996 08 14.50588	21 53 51.19	-12 12 16.4	17.0 V	566
1996 QL	1996 08 16.61325	22 31 27.51	-06 52 48.0	18.7 V	566	1996 QB ₁	1996 08 14.51863	21 53 50.61	-12 12 19.8	16.9 V	566
1996 QL	1996 08 16.62354	22 31 26.98	-06 52 51.1	18.7 V	566	2716 P-L	1996 08 10.46389	21 27 19.13	-12 51 11.2	18.5 V	566
1996 QM	* 1996 08 16.52529	21 40 13.93	-15 20 56.1	18.3 V	566	2716 P-L	1996 08 10.47232	21 27 18.67	-12 51 14.1	18.4 V	566

2716 P-L	1996 08 10.48072	21 27 18.25	-12 51 17.4	18.4 V	566	(1987)	1996 08 09.42257	20 51 10.35	-18 14 47.7	14.2 V	566
3063 P-L	1996 08 09.33414	19 48 10.36	-19 19 19.2	18.1 V	566	(1987)	1996 08 09.44304	20 51 08.32	-18 14 29.3	13.9 V	566
3063 P-L	1996 08 09.34680	19 48 09.84	-19 19 19.7	18.4 V	566	(1987)	1996 08 09.45215	20 51 07.47	-18 14 20.8	14.0 V	566
3063 P-L	1996 08 09.35763	19 48 09.42	-19 19 19.9	18.3 V	566	(2593)	1996 08 10.53149	22 54 40.83	-07 20 56.0	18.8 V	566
3063 P-L	1996 08 19.26170	19 42 22.26	-19 21 32.2	18.5 V	566	(2593)	1996 08 10.54017	22 54 40.42	-07 20 58.3	18.7 V	566
3063 P-L	1996 08 19.27010	19 42 21.99	-19 21 32.1	18.9 V	566	(2593)	1996 08 10.54862	22 54 40.01	-07 21 00.7	18.6 V	566
3063 P-L	1996 08 19.27913	19 42 21.74	-19 21 32.3	18.5 V	566	(2766)	1996 08 17.54665	23 22 14.10	-02 01 57.6	18.3 V	566
3553 P-L	1996 08 09.35943	19 46 26.93	-20 59 09.9	19.2 V	566	(2766)	1996 08 17.55508	23 22 13.73	-02 01 58.6	18.2 V	566
3553 P-L	1996 08 09.36792	19 46 26.54	-20 59 10.5	19.1 V	566	(2766)	1996 08 17.58038	23 22 12.59	-02 02 01.8	18.2 V	566
3553 P-L	1996 08 09.37762	19 46 26.13	-20 59 10.6	18.6 V	566	(2811)	1996 08 15.60859	22 27 04.02	-09 45 19.0	17.0 V	566
4721 P-L	1996 08 19.37694	21 22 14.69	-18 25 23.4	18.9 V	566	(2811)	1996 08 15.62086	22 27 03.46	-09 45 22.2	17.2 V	566
4721 P-L	1996 08 19.38650	21 22 14.15	-18 25 25.0	19.0 V	566	(2811)	1996 08 15.63125	22 27 03.00	-09 45 24.7	16.9 V	566
4721 P-L	1996 08 19.39488	21 22 13.71	-18 25 26.6	19.0 V	566	(2855)	1996 08 15.47501	21 49 09.38	-17 10 31.3	17.2 V	566
6055 P-L	1996 08 15.60859	22 29 43.16	-09 17 13.1	18.5 V	566	(2855)	1996 08 15.48536	21 49 08.72	-17 10 32.2	17.3 V	566
6055 P-L	1996 08 15.62086	22 29 42.49	-09 17 15.6	18.8 V	566	(2855)	1996 08 15.49572	21 49 08.04	-17 10 33.6	17.2 V	566
6055 P-L	1996 08 15.63125	22 29 41.91	-09 17 18.1	18.4 V	566	(2855)	1996 08 20.32162	21 44 03.79	-17 20 16.5	16.8 V	566
1102 T-1	1996 05 16.41022	14 31 47.94	-12 11 57.7	17.6 V	566	(2855)	1996 08 20.33045	21 44 03.23	-17 20 17.8	16.7 V	566
1102 T-1	1996 05 16.43288	14 31 46.84	-12 11 47.7	17.8 V	566	(2855)	1996 08 20.34111	21 44 02.54	-17 20 19.0	16.7 V	566
1102 T-1	1996 05 16.45045	14 31 45.96	-12 11 39.9	17.7 V	566	(3103)	1996 08 10.59983	03 05 09.53	-31 32 44.1	13.2 V	566
2144 T-1	1996 08 20.49289	22 35 52.91	-07 07 34.4	18.4 V	566	(3103)	1996 08 10.60907	03 05 18.81	-31 33 28.6	13.1 V	566
2144 T-1	1996 08 20.50139	22 35 52.47	-07 07 39.1	18.7 V	566	(3103)	1996 08 10.61763	03 05 27.43	-31 34 09.9	13.1 V	566
2144 T-1	1996 08 20.51430	22 35 51.76	-07 07 45.3	19.1 V	566	(3103)	1996 08 12.59891	03 38 46.94	-33 46 40.2	13.3 V	566
3057 T-1	1996 08 16.44943	20 01 31.30	-16 28 35.8	18.7 V	566	(3103)	1996 08 12.60808	03 38 55.60	-33 47 11.8	13.4 V	566
3057 T-1	1996 08 16.45786	20 01 30.94	-16 28 37.1	18.9 V	566	(3103)	1996 08 12.61666	03 39 03.70	-33 47 41.1	13.4 V	566
3057 T-1	1996 08 16.46625	20 01 30.57	-16 28 38.6	18.8 V	566	(3209)	1996 08 12.43067	21 21 17.13	-17 12 12.5	16.8 V	566
4825 T-1	1996 08 13.34042	21 16 46.46	-17 37 18.1	17.7 V	566	(3209)	1996 08 12.44118	21 21 16.47	-17 12 17.0	16.9 V	566
4825 T-1	1996 08 13.35062	21 16 45.83	-17 37 21.5	17.4 V	566	(3209)	1996 08 12.44969	21 21 15.94	-17 12 20.8	16.8 V	566
4825 T-1	1996 08 13.36113	21 16 45.20	-17 37 25.5	17.3 V	566	(3270)	1996 08 14.52334	21 51 05.58	-10 50 28.8	18.0 V	566
3145 T-2	1996 08 15.47679	21 48 37.14	-15 26 35.2	18.9 V	566	(3270)	1996 08 14.53177	21 51 05.08	-10 50 35.7	18.1 V	566
3145 T-2	1996 08 15.48907	21 48 36.51	-15 26 38.9	19.0 V	566	(3270)	1996 08 14.54019	21 51 04.54	-10 50 43.1	18.3 V	566
3145 T-2	1996 08 15.49757	21 48 36.10	-15 26 41.9	18.8 V	566	(3287)	1996 08 15.27360	16 49 07.42	-03 58 22.8	17.9 V	566
3145 T-2	1996 08 17.40536	21 47 02.46	-15 37 43.9	18.7 V	566	(3287)	1996 08 15.28203	16 49 08.04	-03 58 26.2	18.3 V	566
3145 T-2	1996 08 17.41774	21 47 01.81	-15 37 47.9	19.1 V	566	(3287)	1996 08 15.29044	16 49 08.65	-03 58 29.7	18.0 V	566
3145 T-2	1996 08 17.43097	21 47 01.18	-15 37 52.9	18.9 V	566	(3287)	1996 08 16.26187	16 50 22.34	-04 05 12.1	17.5 V	566
3177 T-2	1996 08 09.36121	19 48 13.98	-22 52 45.7	18.5 V	566	(3287)	1996 08 16.27028	16 50 22.97	-04 05 15.6	17.5 V	566
3177 T-2	1996 08 09.36984	19 48 13.47	-22 52 46.7	18.2 V	566	(3287)	1996 08 16.28104	16 50 23.77	-04 05 20.1	17.5 V	566
3177 T-2	1996 08 09.37944	19 48 13.00	-22 52 48.3	18.4 V	566	(3345)	1996 08 10.34409	19 07 03.11	-26 14 37.0	17.2 V	566
4354 T-3	1996 08 17.35108	20 53 01.67	-18 09 56.7	18.2 V	566	(3345)	1996 08 10.35447	19 07 02.64	-26 14 34.4	16.9 V	566
4354 T-3	1996 08 17.35952	20 53 01.17	-18 10 00.4	18.1 V	566	(3345)	1996 08 10.36474	19 07 02.19	-26 14 31.7	16.9 V	566
4354 T-3	1996 08 17.36793	20 53 00.68	-18 10 02.7	18.0 V	566	(3374)	1996 08 10.39780	20 45 47.78	-21 56 42.0	18.2 V	566
(962)	1996 08 09.59162	06 03 26.54	+21 25 32.1	18.0 V	566	(3374)	1996 08 10.40628	20 45 47.35	-21 56 43.5	18.2 V	566
(962)	1996 08 09.60497	06 03 27.81	+21 25 32.2	17.7 V	566	(3374)	1996 08 10.41470	20 45 46.93	-21 56 45.0	18.2 V	566
(962)	1996 08 09.61777	06 03 29.00	+21 25 31.9	17.6 V	566	(3458)	1996 08 14.43764	21 10 10.81	-15 12 57.2	16.5 V	566
(1231)	1996 08 17.52244	22 56 04.91	-09 05 37.4	16.9 V	566	(3458)	1996 08 14.44801	21 10 10.21	-15 13 00.3	16.5 V	566
(1231)	1996 08 17.53092	22 56 04.45	-09 05 37.9	17.1 V	566	(3458)	1996 08 14.45819	21 10 09.62	-15 13 03.1	16.6 V	566
(1231)	1996 08 17.53933	22 56 03.99	-09 05 38.4	17.3 V	566	(3525)	1996 08 17.46514	21 27 37.84	-12 27 12.7	17.9 V	566
(1727)	1996 08 10.29592	17 11 18.10	-05 04 27.5	16.4 V	566	(3525)	1996 08 17.47565	21 27 37.36	-12 27 14.7	17.8 V	566
(1727)	1996 08 10.30432	17 11 18.19	-05 04 36.4	16.4 V	566	(3525)	1996 08 17.48523	21 27 36.89	-12 27 16.5	17.8 V	566
(1727)	1996 08 10.31270	17 11 18.25	-05 04 45.5	16.3 V	566	(3546)	1996 08 10.49257	22 13 53.07	-12 54 10.4	17.6 V	566
(1932)	1996 08 15.61035	22 29 15.37	-07 32 05.6	17.9 V	566	(3546)	1996 08 10.50106	22 13 52.60	-12 54 11.5	17.5 V	566
(1932)	1996 08 15.62256	22 29 14.74	-07 32 10.0	18.0 V	566	(3546)	1996 08 10.50945	22 13 52.13	-12 54 12.6	17.2 V	566
(1932)	1996 08 15.63511	22 29 14.05	-07 32 13.7	18.4 V	566	(3566)	1996 08 09.48698	21 36 24.55	-12 16 33.1	16.6 V	566

(3566)	1996 08 09.49539	21 36 24.06	-12 16 34.7	16.7 V	566
(3566)	1996 08 09.50578	21 36 23.42	-12 16 37.5	16.9 V	566
(4028)	1996 08 16.50931	20 50 24.21	-14 38 48.0	17.1 V	566
(4028)	1996 08 16.52004	20 50 23.63	-14 38 50.7	17.1 V	566
(4028)	1996 08 16.52845	20 50 23.15	-14 38 52.9	17.4 V	566
(4120)	1996 08 15.60859	22 28 28.26	-08 56 19.7	17.8 V	566
(4120)	1996 08 15.62086	22 28 27.77	-08 56 23.9	17.9 V	566
(4120)	1996 08 15.63125	22 28 27.33	-08 56 27.2	17.8 V	566
(4179)	1996 08 17.32608	19 59 53.42	-20 46 42.8	15.7 V	566
(4179)	1996 08 17.33454	19 59 52.31	-20 46 46.3	15.7 V	566
(4179)	1996 08 17.34378	19 59 51.10	-20 46 50.0	15.7 V	566
(4398)	1996 08 14.46360	22 18 10.75	-15 34 50.5	16.7 V	566
(4398)	1996 08 14.47209	22 18 10.28	-15 34 53.9	16.6 V	566
(4398)	1996 08 14.48252	22 18 09.71	-15 34 58.6	16.5 V	566
(4406)	1996 08 19.29230	20 36 06.19	-20 04 38.2	18.1 V	566
(4406)	1996 08 19.30069	20 36 05.80	-20 04 39.6	17.9 V	566
(4406)	1996 08 19.31694	20 36 05.16	-20 04 42.2	18.3 V	566
(4670)	1996 08 15.43088	21 00 02.46	-16 46 08.4	17.0 V	566
(4670)	1996 08 15.44020	21 00 01.85	-16 46 09.6	17.0 V	566
(4670)	1996 08 15.45168	21 00 01.11	-16 46 11.2	17.0 V	566
(4743)	1996 08 12.53385	23 33 25.86	-06 39 52.3	18.9 V	566
(4743)	1996 08 12.54479	23 33 25.47	-06 39 54.9	19.1 V	566
(4743)	1996 08 12.55525	23 33 25.01	-06 39 56.8	19.1 V	566
(4807)	1996 08 13.29760	20 23 37.18	-19 38 52.3	17.8 V	566
(4807)	1996 08 13.32357	20 23 35.59	-19 38 57.2	17.8 V	566
(4807)	1996 08 13.33293	20 23 35.03	-19 38 59.1	17.8 V	566
(5373)	1996 08 20.47241	22 40 37.40	-11 59 22.7	18.1 V	566
(5373)	1996 08 20.48085	22 40 36.99	-11 59 24.9	17.9 V	566
(5373)	1996 08 20.48927	22 40 36.52	-11 59 27.2	17.5 V	566
(5448)	1996 08 09.56551	06 08 22.85	+26 59 33.4	18.7 V	566
(5448)	1996 08 09.57390	06 08 23.86	+26 59 32.7	18.9 V	566
(5448)	1996 08 09.58485	06 08 25.32	+26 59 33.4	18.4 V	566
(5824)	1996 08 16.44943	20 02 40.37	-17 32 36.8	18.6 V	566
(5824)	1996 08 16.45786	20 02 39.99	-17 32 35.9	18.6 V	566
(5824)	1996 08 16.46625	20 02 39.56	-17 32 35.7	18.8 V	566
(5850)	1996 08 12.40601	22 17 56.85	-13 20 24.1	17.1 V	566
(5850)	1996 08 12.41659	22 17 56.30	-13 20 28.6	17.0 V	566
(5850)	1996 08 12.42523	22 17 55.89	-13 20 32.0	17.1 V	566
(5860)	1996 08 15.46147	21 45 16.78	-10 58 31.1	17.1 V	566
(5860)	1996 08 15.47129	21 45 16.19	-10 58 33.7	17.1 V	566
(5860)	1996 08 15.47972	21 45 15.71	-10 58 35.7	17.1 V	566
(5882)	1996 08 10.46389	21 27 23.00	-13 01 12.9	17.6 V	566
(5882)	1996 08 10.47232	21 27 22.58	-13 01 14.9	17.6 V	566
(5882)	1996 08 10.48072	21 27 22.15	-13 01 17.4	17.5 V	566
(5897)	1996 08 20.37306	21 08 05.07	-15 26 28.1	17.7 V	566
(5897)	1996 08 20.38228	21 08 04.54	-15 26 29.6	17.6 V	566
(5897)	1996 08 20.39074	21 08 04.06	-15 26 31.0	17.9 V	566
(5941)	1996 08 15.61035	22 27 06.91	-07 44 49.9	17.0 V	566
(5941)	1996 08 15.62256	22 27 06.33	-07 44 53.0	17.0 V	566
(5941)	1996 08 15.63511	22 27 05.76	-07 44 56.1	17.1 V	566
(6055)	1996 08 09.48698	21 37 04.33	-11 57 59.7	16.6 V	566
(6055)	1996 08 09.49539	21 37 03.81	-11 58 01.3	16.6 V	566

(6055)	1996 08 09.50578	21 37 03.15	-11 58 03.6	16.5 V	566
(6144)	1996 08 15.58363	22 34 46.55	-13 08 57.6	19.1 V	566
(6144)	1996 08 15.59370	22 34 46.15	-13 09 00.0	18.9 V	566
(6144)	1996 08 15.60271	22 34 45.88	-13 09 01.7	18.9 V	566
(6165)	1996 08 17.40351	21 36 27.05	-15 10 01.8	16.2 V	566
(6165)	1996 08 17.41392	21 36 26.36	-15 10 02.3	16.1 V	566
(6165)	1996 08 17.42323	21 36 25.77	-15 10 02.9	16.2 V	566
(6165)	1996 08 20.31768	21 33 24.81	-15 12 41.4	17.2 V	566
(6165)	1996 08 20.32799	21 33 24.14	-15 12 41.6	17.3 V	566
(6165)	1996 08 20.33928	21 33 23.43	-15 12 42.4	17.4 V	566
(6290)	1996 08 11.46160	19 09 16.58	-21 38 32.2	18.5 V	566
(6290)	1996 08 11.47249	19 09 16.18	-21 38 34.7	18.4 V	566
(6290)	1996 08 11.48091	19 09 15.87	-21 38 35.5	18.5 V	566
(6330)	1996 08 16.49392	20 53 18.52	-15 30 07.8	18.5 V	566
(6330)	1996 08 16.50428	20 53 17.87	-15 30 11.0	18.6 V	566
(6330)	1996 08 16.51462	20 53 17.28	-15 30 13.6	18.3 V	566
(6347)	1996 08 09.46387	21 40 10.32	-16 13 54.7	17.1 V	566
(6347)	1996 08 09.47231	21 40 09.77	-16 13 56.7	17.0 V	566
(6347)	1996 08 09.48073	21 40 09.22	-16 13 58.7	16.9 V	566
(6380)	1996 08 14.55319	22 36 28.54	-06 38 03.7	18.9 V	566
(6380)	1996 08 14.56165	22 36 28.09	-06 38 07.4	19.2 V	566
(6380)	1996 08 14.57006	22 36 27.65	-06 38 10.5	18.9 V	566
(6401)	1996 08 09.42633	20 51 10.97	-16 18 14.6	16.7 V	566
(6401)	1996 08 09.44657	20 51 09.93	-16 18 25.8	16.9 V	566
(6401)	1996 08 09.45497	20 51 09.50	-16 18 30.3	16.9 V	566
(6404)	1996 08 09.36121	19 45 12.33	-22 26 00.6	18.8 V	566
(6404)	1996 08 09.36984	19 45 11.95	-22 26 01.9	18.5 V	566
(6404)	1996 08 09.37944	19 45 11.56	-22 26 03.6	18.5 V	566
(6501)	1996 08 10.48242	22 16 39.67	-09 54 16.7	18.1 V	566
(6501)	1996 08 10.49085	22 16 39.29	-09 54 21.0	18.3 V	566
(6501)	1996 08 10.49925	22 16 38.90	-09 54 25.1	18.4 V	566

568 Mauna Kea Observatory

O. Hainaut, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822,
U.S.A. [hainaut@lupus.ifa.hawaii.edu]

Observers O. Hainaut, K. J. Meech, D. C. Jewitt

Measurers O. Hainaut, G. V. Williams

2.24-m telescope + CCD

1996 PW	1996 08 16.43120	22 20 15.33	-14 29 43.8	568
1996 PW	1996 08 16.44538	22 20 15.21	-14 30 00.0	568
1996 PW	1996 08 16.45907	22 20 15.09	-14 30 15.8	568
(2060)	1996 08 17.23265	12 44 20.70	-06 11 20.9	568
(2060)	1996 08 17.23925	12 44 20.88	-06 11 21.7	568
(2060)	1996 08 17.24538	12 44 21.03	-06 11 22.6	568
(4015)	1996 08 17.27520	15 16 00.69	-18 17 02.0	568
(4015)	1996 08 17.29213	15 16 01.90	-18 17 04.5	568

587 Sormano

P. Sicoli, Via Valli 9, I-22040 Garbagnate Monastero (Lecco), Italy

[sormano@icil64.cilea.it]

Observers V. Giuliani, F. Manca, M. Cavagna, P. Chiavenna, P. Sicoli

0.5-m reflector + CCD

GSC

1987 MA ₁	1996 08 20.85150	21 07 16.31	-11 50 17.9	587
1987 MA ₁	1996 08 20.85844	21 07 16.07	-11 50 23.6	587
1987 MA ₁	1996 08 20.86244	21 07 15.92	-11 50 25.2	587
1987 PA	1996 08 15.90006	22 40 57.43	+16 34 03.6	587
1987 PA	1996 08 15.91748	22 40 55.78	+16 34 36.3	587
1987 PA	1996 08 16.89034	22 39 30.04	+17 03 34.5	587
1987 PA	1996 08 16.89521	22 39 29.55	+17 03 43.2	587
1987 PA	1996 08 16.89824	22 39 29.33	+17 03 48.7	587
1991 CS	1996 08 09.89757	23 28 54.26	+58 43 35.2	587
1991 CS	1996 08 09.90127	23 28 55.31	+58 43 32.5	587
1991 CS	1996 08 09.90845	23 28 57.34	+58 43 24.5	587
1991 CS	1996 08 09.91273	23 28 58.53	+58 43 21.4	587
1991 CS	1996 08 09.91621	23 28 59.49	+58 43 18.6	587
1991 CS	1996 08 16.91888	00 14 09.41	+54 46 02.9	587
1991 CS	1996 08 16.92096	00 14 10.44	+54 45 55.1	587
1991 CS	1996 08 16.92305	00 14 11.45	+54 45 48.4	587
1994 FR	1996 08 15.95822	00 17 34.88	+03 08 56.4	587
1994 FR	1996 08 15.98924	00 17 34.33	+03 08 54.8	587
1994 FR	1996 08 16.02025	00 17 33.79	+03 08 52.3	587
1994 FR	1996 08 16.03142	00 17 33.60	+03 08 51.8	587
1994 FR	1996 08 16.96396	00 17 17.63	+03 07 47.5	587
1994 FR	1996 08 17.04142	00 17 16.17	+03 07 42.6	587
1996 EN	1996 08 04.85300	13 01 35.44	+47 41 27.0	p 587
1996 EN	1996 08 04.85821	13 01 36.26	+47 41 21.5	587
1996 EN	1996 08 04.86221	13 01 37.04	+47 41 20.4	587
1996 EN	1996 08 16.87715	13 41 25.96	+44 16 39.6	587
1996 EN	1996 08 16.88063	13 41 26.51	+44 16 34.0	587
1996 EN	1996 08 16.88583	13 41 27.70	+44 16 25.9	587
1996 PA	1996 08 12.94398	23 03 41.26	-09 50 01.2	587
1996 PA	1996 08 12.95000	23 03 41.42	-09 50 19.2	587
1996 PA	1996 08 12.95747	23 03 41.59	-09 50 41.5	587
1996 PA	1996 08 12.96250	23 03 41.71	-09 50 56.5	587
1996 PA	1996 08 16.90463	23 05 26.14	-13 07 04.9	587
1996 PA	1996 08 16.90880	23 05 26.21	-13 07 17.2	587
1996 PA	1996 08 16.91158	23 05 26.23	-13 07 25.2	587
1996 PA	1996 08 20.89998	23 06 39.15	-16 22 26.3	587
1996 PA	1996 08 20.90346	23 06 39.14	-16 22 36.5	587
1996 PA	1996 08 24.00272	23 07 15.61	-18 48 34.3	587
1996 PA	1996 08 24.00648	23 07 15.62	-18 48 44.7	587
1996 PW	1996 08 12.92436	22 20 33.60	-13 23 27.9	587
1996 PW	1996 08 12.92997	22 20 33.58	-13 23 34.0	587
1996 PW	1996 08 12.93553	22 20 33.56	-13 23 40.2	587
1996 PW	1996 08 16.85461	22 20 12.91	-14 37 46.5	587
1996 PW	1996 08 16.86016	22 20 12.88	-14 37 53.0	587
1996 PW	1996 08 16.86464	22 20 12.88	-14 37 58.1	587
1996 PW	1996 08 17.91260	22 20 06.14	-14 57 50.1	587
1996 PW	1996 08 17.91997	22 20 06.09	-14 57 58.9	587
1996 PW	1996 08 17.92384	22 20 06.06	-14 58 03.1	587
1996 QE	* 1996 08 16.95191	00 07 46.63	+04 40 56.7	17.5 V 587
1996 QE	1996 08 17.01860	00 07 46.08	+04 40 26.1	587
1996 QE	1996 08 17.91696	00 07 39.67	+04 32 58.0	587
1996 QE	1996 08 17.92656	00 07 39.64	+04 32 52.5	587

1996 QE	1996 08 17.93206	00 07 39.62	+04 32 48.8	587
1996 QE	1996 08 20.89184	00 07 08.98	+04 06 32.7	587
1996 QE	1996 08 20.91285	00 07 08.65	+04 06 21.1	587
1996 QE	1996 08 22.94051	00 06 39.77	+03 46 55.3	587
1996 QE	1996 08 22.96204	00 06 39.38	+03 46 42.6	587
1996 QE	1996 08 22.98005	00 06 39.08	+03 46 32.8	587
1996 QE	1996 08 23.97621	00 06 22.64	+03 36 34.0	587
1996 QE	1996 08 23.98595	00 06 22.43	+03 36 28.6	587
1996 QE	1996 08 23.99128	00 06 22.34	+03 36 25.7	587
(1609)	1996 07 13.88877	13 39 49.71	+08 50 37.3	587
(1609)	1996 07 13.89849	13 39 49.90	+08 50 33.2	p 587
(1609)	1996 07 15.90340	13 41 01.55	+08 27 07.4	587
(1609)	1996 07 15.91035	13 41 01.78	+08 27 02.4	587
(1609)	1996 07 15.91527	13 41 01.97	+08 26 58.8	587
(1682)	1996 08 16.94741	00 08 43.90	+03 28 25.5	587
(1682)	1996 08 17.02957	00 08 42.56	+03 28 42.2	587
(1682)	1996 08 22.94051	00 06 49.55	+03 45 05.0	587
(1682)	1996 08 22.96204	00 06 48.96	+03 45 07.8	587
(1682)	1996 08 22.98005	00 06 48.46	+03 45 10.1	587
(4179)	1996 08 12.88171	20 08 54.85	-20 16 14.9	587
(4179)	1996 08 12.88739	20 08 54.15	-20 16 17.1	587

589 Santa Lucia Stroncone

A. Vagnozzi, Via Santa Lucia 68, I-05039 Stroncone (Terni), Italy

[vagnozzi@freenet.hut.fi]

Observers A. Vagnozzi, G. Bernabei, V. Risoldi, E. Gregori, F. Lombardi

0.50-m *f*/2.8 Ritchey-Chrétien + CCD

GSC

1993 RB	1996 08 09.92711	21 22 38.83	-20 49 25.9	18.8 V	589
1993 RB	1996 08 09.94735	21 22 37.46	-20 49 26.5		589
1996 PF ₁	* 1996 08 09.91782	21 22 59.11	-20 45 43.3		589
1996 PF ₁	1996 08 09.92711	21 22 58.63	-20 45 44.1		589
1996 PF ₁	1996 08 09.93583	21 22 58.31	-20 45 46.5		589
1996 PF ₁	1996 08 09.94735	21 22 57.55	-20 45 48.6		589
1996 PF ₁	1996 08 19.86013	21 14 45.57	-21 06 16.0	18.1 V	589
1996 PF ₁	1996 08 19.87025	21 14 45.07	-21 06 17.5		589
1996 PF ₁	1996 08 19.88973	21 14 44.13	-21 06 19.4		589
1996 PF ₁	1996 08 19.90490	21 14 43.41	-21 06 20.2		589
1996 QU	* 1996 08 19.86013	21 14 58.56	-21 00 08.6		589
1996 QU	1996 08 19.87025	21 14 57.59	-21 00 04.7		589
1996 QU	1996 08 19.88973	21 14 55.77	-20 59 56.0		589
1996 QU	1996 08 19.90490	21 14 54.38	-20 59 49.3		589
1996 QU	1996 08 20.84270	21 13 29.74	-20 52 41.2	17.0 V	589
1996 QU	1996 08 20.85359	21 13 28.77	-20 52 35.4		589
1996 QU	1996 08 20.86485	21 13 27.72	-20 52 30.3		589

595 Farra d'Isonzo

L. Bittesini, Via dei Conventi 10, I-34070 Farra D'Isonzo (GO), Italy

[ccaf@quark.it]

Observers G. Lombardi, E. Pettarin, A. Toso, W. Boschini, L. Bittesini, F. Piani,
G. Ierman, L. Drigo

Measurers G. Lombardi, E. Pettarin, A. Toso, L. Drigo

0.4-m $f/4.5$ reflector + CCD
GSC

1994 BE	1996 08 16.96777	20 04 19.37	-11 36 34.7	595	
1994 BE	1996 08 16.98167	20 04 18.84	-11 36 37.8	595	
1994 BE	1996 08 16.99267	20 04 18.42	-11 36 40.2	595	
1994 BE	1996 08 18.85354	20 03 14.92	-11 45 08.5	595	
1994 BE	1996 08 18.93501	20 03 12.05	-11 45 30.7	595	18.0 V
1994 FQ	1996 08 16.92230	20 20 04.10	-08 54 47.0	595	19.8 V
1994 FQ	1996 08 16.93831	20 20 03.56	-08 54 53.8	595	
1994 FQ	1996 08 20.86865	20 17 43.64	-09 20 40.8	595	
1994 FQ	1996 08 20.92374	20 17 41.69	-09 21 05.4	595	
1996 OB	1996 07 23.93123	19 58 41.75	-15 40 09.0	595	
1996 OB	1996 07 23.94390	19 58 40.86	-15 40 11.1	595	
1996 OB	1996 07 26.01062	19 56 35.86	-15 44 43.3	595	
1996 OB	1996 07 26.03652	19 56 34.26	-15 44 46.7	595	
1996 OB	1996 07 26.90436	19 55 42.58	-15 46 42.4	595	
1996 OB	1996 07 26.92609	19 55 41.26	-15 46 45.9	595	
1996 OB	1996 08 06.94457	19 45 33.23	-16 12 13.0	595	
1996 OB	1996 08 06.95765	19 45 32.54	-16 12 14.4	595	
1996 OB	1996 08 08.90388	19 43 59.37	-16 16 43.0	595	
1996 OB	1996 08 08.92152	19 43 58.50	-16 16 45.8	595	
1996 OB	1996 08 08.93609	19 43 57.78	-16 16 47.6	595	
1996 OC	1996 07 26.01462	19 57 09.71	-15 29 35.7	595	
1996 OC	1996 07 26.04016	19 57 08.49	-15 29 36.4	595	
1996 OC	1996 07 26.89374	19 56 26.11	-15 29 56.6	595	
1996 OC	1996 07 26.93740	19 56 23.95	-15 29 56.9	595	
1996 OC	1996 08 06.98843	19 47 45.47	-15 35 07.2	595	
1996 OC	1996 08 07.00088	19 47 44.93	-15 35 07.8	595	
1996 OC	1996 08 08.99442	19 46 20.37	-15 36 08.3	595	
1996 OC	1996 08 09.02277	19 46 19.21	-15 36 09.4	595	
1996 OO ₁	1996 08 20.90884	22 19 51.29	-09 16 23.8	595	
1996 OO ₁	1996 08 20.93734	22 19 49.85	-09 16 27.8	595	18.0 V
1996 OO ₁	1996 08 20.95674	22 19 48.85	-09 16 31.0	595	
1996 OO ₁	1996 08 21.86791	22 19 03.36	-09 18 33.0	595	
1996 OO ₁	1996 08 21.88134	22 19 02.73	-09 18 34.7	595	
1996 PS ₁	1996 08 12.92925	21 37 33.83	+08 53 41.2	595	
1996 PS ₁	* 1996 08 12.94219	21 37 33.45	+08 53 38.9	595	
1996 PS ₁	1996 08 13.00561	21 37 31.63	+08 53 26.0	595	
1996 PS ₁	1996 08 14.01094	21 37 02.69	+08 49 59.0	595	17.3 V
1996 PS ₁	1996 08 14.02538	21 37 02.26	+08 49 56.8	595	
1996 PS ₁	1996 08 14.04036	21 37 01.82	+08 49 53.9	595	
1996 PS ₁	1996 08 16.88111	21 35 40.21	+08 39 35.8	595	
1996 PS ₁	1996 08 16.89450	21 35 39.79	+08 39 32.4	595	
1996 PS ₁	1996 08 18.82203	21 34 44.43	+08 32 06.2	595	
1996 PS ₁	1996 08 18.83828	21 34 43.99	+08 32 01.8	595	
1996 QV	1996 08 20.91177	22 20 34.34	-09 16 55.7	595	
1996 QV	* 1996 08 20.94068	22 20 32.77	-09 17 01.7	595	
1996 QV	1996 08 20.95413	22 20 32.04	-09 17 04.1	595	
1996 QV	1996 08 21.90604	22 19 44.05	-09 19 56.6	595	18.8 V
1996 QV	1996 08 21.92156	22 19 43.22	-09 19 59.9	595	
1996 QW	1996 08 20.97926	22 22 18.66	-07 57 50.6	595	
1996 QW	* 1996 08 20.99834	22 22 17.82	-07 58 02.1	595	

1996 QW	1996 08 21.94465	22 21 34.84	-08 06 52.9	595	
1996 QW	1996 08 22.00818	22 21 31.79	-08 07 28.5	595	
1996 QW	1996 08 22.03455	22 21 30.49	-08 07 44.1	595	18.8 V
(1932)	1996 08 21.95075	22 23 37.20	-08 07 30.3	595	
(1932)	1996 08 22.01462	22 23 33.63	-08 07 52.3	595	
(1932)	1996 08 22.02810	22 23 32.88	-08 07 57.1	595	17.8 V
(1932)	1996 08 22.89943	22 22 45.30	-08 12 58.6	595	
(1932)	1996 08 22.91304	22 22 44.53	-08 13 02.8	595	
(1932)	1996 08 22.92611	22 22 43.79	-08 13 06.9	595	
(5922)	1996 07 18.89149	17 44 45.35	-15 38 38.8	595	
(5922)	1996 07 18.91041	17 44 44.69	-15 38 37.8	595	
(5922)	1996 07 20.94169	17 43 35.79	-15 38 01.3	595	
(5922)	1996 07 20.95589	17 43 35.33	-15 38 00.4	595	
(5922)	1996 07 20.97894	17 43 34.46	-15 37 59.3	595	

596 Colleverde di Guidonia

V. S. Casulli, Via M. Rosa 1, I-00010 Colleverde di Guidonia (RM), Italy
[casulli@astrom.astro.it]

0.40-m $f/2.95$ reflector + CCD
GSC

1995 FH	1996 08 06.84696	21 41 45.92	+09 33 55.7	596	16.1 V
1995 FH	1996 08 06.87774	21 41 44.33	+09 33 55.1	596	
1995 FH	1996 08 06.90993	21 41 42.65	+09 33 54.3	596	
1995 FH	1996 08 08.88998	21 40 01.08	+09 32 44.0	596	
1995 FH	1996 08 08.89811	21 40 00.65	+09 32 43.5	596	
1995 FH	1996 08 08.90782	21 40 00.14	+09 32 43.0	596	
1995 FH	1996 08 09.86006	21 39 10.81	+09 31 48.0	596	
1995 FH	1996 08 09.87385	21 39 10.11	+09 31 47.6	596	
1995 FH	1996 08 09.88671	21 39 09.38	+09 31 46.6	596	
1996 NT	1996 08 03.83494	22 36 49.51	+11 52 34.8	596	16.0 V
1996 NT	1996 08 03.85840	22 36 48.91	+11 52 35.4	596	
1996 NT	1996 08 03.88404	22 36 48.28	+11 52 37.0	596	
1996 NT	1996 08 06.92242	22 35 28.34	+11 53 55.5	596	15.7 V
1996 NT	1996 08 06.93662	22 35 27.92	+11 53 55.8	596	
1996 NT	1996 08 08.92458	22 34 30.20	+11 53 19.0	596	15.8 V
1996 NT	1996 08 08.94088	22 34 29.64	+11 53 18.5	596	
1996 NT	1996 08 08.95102	22 34 29.34	+11 53 18.1	596	
1996 PL	* 1996 08 08.92458	22 34 57.12	+11 43 32.8	596	18.0 V
1996 PL	1996 08 08.94088	22 34 56.54	+11 43 30.4	596	
1996 PL	1996 08 08.95102	22 34 56.15	+11 43 29.0	596	
1996 PL	1996 08 09.90414	22 34 20.53	+11 41 10.6	596	
1996 PL	1996 08 09.91807	22 34 20.01	+11 41 08.6	596	
1996 PL	1996 08 09.94207	22 34 18.97	+11 41 05.2	596	
1996 PF ₁	1996 08 12.89106	21 20 28.68	-20 52 40.6	596	
1996 PF ₁	1996 08 12.89772	21 20 28.32	-20 52 41.8	596	
1996 PF ₁	1996 08 12.90383	21 20 28.04	-20 52 43.0	596	
(1685)	1996 08 03.93706	02 04 49.77	+49 12 58.2	596	13.2 V
(1685)	1996 08 03.95848	02 05 07.88	+49 14 39.1	596	
(1685)	1996 08 03.96929	02 05 17.02	+49 15 29.6	596	

599 Campo Imperatore

A. Carusi, Istituto Astrofisica Spaziale-Planetologia, Viale Università 11, I-00185
Rome, Italy [carusi@saturn.ias.fra.cnr.it]

Observers A. Boattini, A. Di Paola, A. Di Clemente
 Measurer A. Boattini, A. Di Paola, V. Goretti
 0.60-m $f/3$ Schmidt + CCD

1981 EF ₁₈	1996 07 24.94399	20 05 52.76	-11 34 31.4	17.5 V	599
1981 EF ₁₈	1996 07 24.95074	20 05 52.34	-11 34 33.2		599
1983 XH ₁	1996 07 23.96307	20 14 28.78	-10 52 11.7	18.0 V	599
1983 XH ₁	1996 07 23.97458	20 14 28.18	-10 52 13.9		599
1983 XH ₁	1996 07 24.91087	20 13 41.45	-10 55 48.4		599
1983 XH ₁	1996 07 24.91814	20 13 41.12	-10 55 50.3		599
1988 XX ₁	1996 07 24.06662	02 23 30.27	+09 06 34.3	17.5 V	599
1988 XX ₁	1996 07 24.07514	02 23 30.89	+09 06 39.8		599
1988 XX ₁	1996 07 24.08013	02 23 31.32	+09 06 42.7		599
1988 XX ₁	1996 07 26.07418	02 26 08.01	+09 28 01.5		599
1988 XX ₁	1996 07 26.08160	02 26 08.70	+09 28 06.1		599
1989 RS ₁	1996 07 24.97159	21 12 31.36	+05 06 33.2	19.0 V	599
1989 RS ₁	1996 07 24.97779	21 12 31.64	+05 06 35.6		599
1989 RS ₁	1996 07 24.98493	21 12 32.00	+05 06 39.0	18.9 V	599
1989 RS ₁	1996 07 25.89227	21 13 24.62	+05 12 33.9		599
1989 RS ₁	1996 07 25.90063	21 13 24.99	+05 12 36.7		599
1992 KD	1996 07 25.04591	00 08 18.18	+39 34 44.5	20.3 V	599
1992 KD	1996 07 25.05214	00 08 18.22	+39 34 46.5		599
1992 KD	1996 07 25.05741	00 08 18.23	+39 34 48.6		599
1994 EZ ₁	1996 07 24.06662	02 25 47.65	+09 00 53.2	18.8 V	599
1994 EZ ₁	1996 07 24.07514	02 25 47.94	+09 00 54.4		599
1994 EZ ₁	1996 07 24.08013	02 25 48.19	+09 00 55.1		599
1996 OE ₂	* 1996 07 23.03397	00 12 16.53	+16 11 47.6	18.2 V	599
1996 OE ₂	1996 07 23.04304	00 12 16.60	+16 11 52.5		599
1996 OE ₂	1996 07 24.01144	00 12 26.06	+16 20 52.3	18.1 V	599
1996 OE ₂	1996 07 24.02314	00 12 26.14	+16 20 57.9		599
1996 OE ₂	1996 07 26.01913	00 12 41.33	+16 39 05.1	17.9 V	599
1996 OE ₂	1996 07 26.02671	00 12 41.34	+16 39 09.3		599
1996 OF ₂	* 1996 07 23.03397	00 13 54.01	+15 46 38.5	19.5 V	599
1996 OF ₂	1996 07 23.04304	00 13 54.32	+15 46 42.6		599
1996 OF ₂	1996 07 24.01144	00 14 37.82	+15 54 34.2	19.4 V	599
1996 OF ₂	1996 07 24.02314	00 14 38.36	+15 54 39.7		599
1996 OG ₂	* 1996 07 23.07568	00 15 39.28	+15 50 54.6	19.2 V	599
1996 OG ₂	1996 07 23.09216	00 15 39.32	+15 51 00.9		599
1996 OG ₂	1996 07 23.98817	00 15 41.77	+15 55 52.8	19.4 V	599
1996 OG ₂	1996 07 23.99811	00 15 41.81	+15 55 55.2		599
1996 OH ₂	* 1996 07 23.07568	00 16 20.54	+15 52 17.4	19.0 V	599
1996 OH ₂	1996 07 23.09216	00 16 20.81	+15 52 24.7		599
1996 OH ₂	1996 07 23.98817	00 16 29.04	+15 58 59.4	19.1 V	599
1996 OH ₂	1996 07 23.99811	00 16 29.14	+15 59 03.1		599
1996 OH ₂	1996 07 26.03839	00 16 43.81	+16 13 38.8	19.0 V	599
1996 OH ₂	1996 07 26.04641	00 16 43.87	+16 13 42.2		599
1996 OK ₂	* 1996 07 23.94332	20 13 20.03	-11 11 23.3	18.0 V	599
1996 OK ₂	1996 07 23.95213	20 13 19.53	-11 11 24.1		599
1996 OK ₂	1996 07 24.91087	20 12 25.53	-11 13 32.6	18.9 V	599
1996 OK ₂	1996 07 24.91814	20 12 25.12	-11 13 32.8		599
1996 OL ₂	* 1996 07 23.96307	20 14 08.85	-11 18 00.6	19.4 V	599
1996 OL ₂	1996 07 23.97458	20 14 08.28	-11 18 01.0		599
1996 OL ₂	1996 07 24.91087	20 13 23.18	-11 18 42.5	19.5 V	599

1996 OL ₂	1996 07 24.91814	20 13 22.84	-11 18 43.7		599
1996 OM ₂	* 1996 07 23.96307	20 14 12.62	-10 49 27.1	17.9 V	599
1996 OM ₂	1996 07 23.97458	20 14 11.96	-10 49 26.7		599
1996 OM ₂	1996 07 24.91087	20 13 19.17	-10 49 37.5	17.4 V	599
1996 OM ₂	1996 07 24.91814	20 13 18.76	-10 49 37.6		599
1996 ON ₂	* 1996 07 23.98817	00 14 36.90	+15 54 18.6	19.2 V	599
1996 ON ₂	1996 07 23.99811	00 14 37.28	+15 54 23.6		599
1996 ON ₂	1996 07 26.03839	00 16 04.94	+16 10 25.1	19.1 V	599
1996 ON ₂	1996 07 26.04641	00 16 05.27	+16 10 29.4		599
1996 OO ₂	* 1996 07 24.09166	03 36 55.62	+28 15 18.9	18.9 V	599
1996 OO ₂	1996 07 24.09656	03 36 55.84	+28 15 20.0		599
1996 OO ₂	1996 07 26.09271	03 39 48.55	+28 29 41.5	18.8 V	599
1996 OO ₂	1996 07 26.09965	03 39 49.12	+28 29 44.0		599
1996 OO ₂	1996 07 26.10564	03 39 49.49	+28 29 46.6		599
1996 OP ₂	* 1996 07 24.97159	21 11 36.36	+05 11 48.5	16.4 V	599
1996 OP ₂	1996 07 24.97779	21 11 36.21	+05 11 45.5		599
1996 OP ₂	1996 07 24.98493	21 11 36.02	+05 11 41.9		599
1996 OP ₂	1996 07 25.89227	21 11 10.19	+05 05 14.9		599
1996 OP ₂	1996 07 25.90063	21 11 09.92	+05 05 11.6		599
1996 OQ ₂	* 1996 07 24.97159	21 13 18.11	+05 28 47.0	19.2 V	599
1996 OQ ₂	1996 07 24.97779	21 13 17.89	+05 28 45.0		599
1996 OQ ₂	1996 07 24.98493	21 13 17.63	+05 28 44.1		599
1996 OQ ₂	1996 07 25.89227	21 12 47.00	+05 27 20.9		599
1996 OQ ₂	1996 07 25.90063	21 12 46.77	+05 27 19.5		599
1996 OR ₂	* 1996 07 25.06655	23 52 02.14	+36 13 36.9	18.8 V	599
1996 OR ₂	1996 07 25.07149	23 52 02.48	+36 13 40.9		599
1996 OR ₂	1996 07 25.07603	23 52 02.76	+36 13 45.2		599
1996 OR ₂	1996 07 25.99580	23 53 13.04	+36 26 24.7	18.7 V	599
1047 T-1	1996 07 24.94399	20 04 59.05	-11 41 13.0	16.8 V	599
1047 T-1	1996 07 24.95074	20 04 58.57	-11 41 14.6		599
(203)	1996 07 23.92536	19 35 21.24	-25 40 06.7	12.5 V	599
(203)	1996 07 23.93308	19 35 20.79	-25 40 08.0		599

605 Marl

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

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

GSC

(1685)	1996 07 26.98741	00 33 44.15	+36 35 21.7	14.1 R	605
(1685)	1996 07 26.99139	00 33 46.24	+36 35 47.3	14.2 R	605
(1685)	1996 07 26.99781	00 33 49.65	+36 36 28.4	14.2 R	605
(3103)	1996 07 27.00642	23 32 01.18	-03 00 57.7	13.6 R	605
(3103)	1996 07 27.00916	23 32 02.66	-03 01 13.2	13.6 R	605
(3103)	1996 07 27.01475	23 32 05.77	-03 01 45.3	13.7 R	605
(3103)	1996 07 27.01832	23 32 07.72	-03 02 05.7	13.7 R	605

608 Haleakala-AMOS

P. Kervin, Air Force Maui Optical Station, 535 Lipoa Parkway, Suite 200, Kihei,
 Maui, HI 96753, U.S.A. [paul@ulua.mhpcc.af.mil]

E. F. Helin, MS 183-501, Jet Propulsion Laboratory, Pasadena, CA 91109, U.S.A.
 [efh@temblor.jpl.nasa.gov]

Observers A. Alday, K. Moore, M. Tranilla, T. Goggia, A. Sylva

Measurers D. O'Connell, P. Kervin, B. Kraszewski, V. Soo Hoo, G. Fricke,
K. Imada, J. Africano, P. Sydney, D. Nishimoto
1.2-m reflector + CCD

1984 DB	1996 08 07.47869	23 15 41.06	-05 03 58.7	608
1984 DB	1996 08 07.53811	23 15 39.43	-05 04 40.2	608
1984 DB	1996 08 08.45692	23 15 15.59	-05 15 08.8	608
1984 DB	1996 08 08.50682	23 15 14.20	-05 15 43.1	18.7 R 608
1987 PA	1996 07 31.41307	23 02 26.47	+05 17 20.7	16.9 R 608
1987 PA	1996 07 31.46222	23 02 22.48	+05 20 08.2	17.5 R 608
1987 PA	1996 08 01.43733	23 01 12.37	+06 14 35.9	16.1 R 608
1987 PA	1996 08 01.48751	23 01 08.10	+06 17 21.7	17.3 R 608
1989 RS ₁	1996 07 31.40719	21 18 53.87	+05 40 15.7	16.6 R 608
1989 RS ₁	1996 07 31.45712	21 18 56.45	+05 40 26.6	17.2 R 608
1989 RS ₁	1996 08 01.43134	21 19 58.01	+05 43 38.7	15.9 R 608
1989 RS ₁	1996 08 01.48149	21 20 00.63	+05 43 47.7	16.2 R 608
1991 DD	1996 07 23.41103	20 08 16.54	-24 10 02.2	18.3 R 608
1991 DD	1996 07 23.45459	20 08 13.79	-24 10 10.3	17.5 R 608
1991 DD	1996 07 25.42866	20 06 12.88	-24 16 01.2	16.7 R 608
1991 DD	1996 07 25.45530	20 06 11.19	-24 16 05.7	18.5 R 608
1991 GC ₁	1996 08 07.49193	00 50 37.89	-02 39 43.3	18.8 R 608
1991 GC ₁	1996 08 07.55023	00 50 37.20	-02 39 41.4	17.5 R 608
1991 GC ₁	1996 08 16.51959	00 48 01.45	-02 38 32.1	608
1991 GC ₁	1996 08 16.53892	00 48 00.94	-02 38 33.5	608
1991 LA ₁	1996 08 07.49679	01 05 41.16	-06 55 12.9	18.4 R 608
1991 LA ₁	1996 08 07.55328	01 05 41.68	-06 55 36.2	17.6 R 608
1991 LA ₁	1996 08 08.47295	01 05 50.08	-07 01 55.2	18.9 R 608
1991 LA ₁	1996 08 08.52237	01 05 50.41	-07 02 16.2	17.9 R 608
1991 VK	1996 08 08.46389	00 52 14.70	+13 20 51.6	19.5 R 608
1991 VK	1996 08 08.51417	00 52 16.57	+13 21 24.9	19.0 R 608
1991 VK	1996 08 09.48227	00 52 55.62	+13 31 59.8	608
1991 VK	1996 08 09.52484	00 52 57.14	+13 32 28.9	608
1992 KD	1996 08 08.46002	00 04 58.34	+41 34 44.2	608
1992 KD	1996 08 08.51036	00 04 56.78	+41 35 03.3	17.4 R 608
1992 KD	1996 08 09.48597	00 04 27.71	+41 40 57.5	608
1992 KD	1996 08 09.53400	00 04 26.09	+41 41 14.6	608
1992 ST ₁	1996 08 14.36150	19 49 30.31	-23 03 38.3	15.1 R 608
1992 ST ₁	1996 08 14.42440	19 49 27.94	-23 03 24.5	14.9 R 608
1992 ST ₁	1996 08 15.43207	19 48 53.85	-22 59 49.1	608
1992 ST ₁	1996 08 16.50846	19 48 19.23	-22 55 54.2	16.1 R 608
1992 ST ₁	1996 08 16.52775	19 48 18.59	-22 55 50.1	16.1 R 608
1992 WZ ₅	1996 08 08.48022	01 41 39.42	+28 13 28.8	17.9 R 608
1992 WZ ₅	1996 08 08.52787	01 41 41.55	+28 13 55.3	18.2 R 608
1993 MG ₁	1996 02 20.40598	08 06 49.79	+09 36 52.9	608
1993 MG ₁	1996 02 20.42874	08 06 48.81	+09 36 57.4	608
1993 QT	1996 08 08.48811	02 12 47.37	+24 04 26.6	17.2 R 608
1993 QT	1996 08 08.53477	02 12 50.05	+24 05 19.9	608
1993 UC	1996 08 02.43302	21 55 06.80	+00 59 58.4	608
1993 UC	1996 08 02.47729	21 55 04.61	+00 59 43.4	608
1993 UC	1996 08 07.47130	21 50 59.13	+00 30 34.2	608
1993 UC	1996 08 07.52933	21 50 56.13	+00 30 13.0	20.6 R 608
1993 UC	1996 08 08.45338	21 50 09.35	+00 24 27.3	608
1993 UC	1996 08 08.50182	21 50 06.84	+00 24 09.0	608

1993 VA	1996 07 23.42975	21 54 55.73	-12 25 58.6	18.2 R 608
1993 VA	1996 07 23.46647	21 54 52.98	-12 26 24.7	19.2 R 608
1993 VA	1996 07 29.42608	21 47 03.90	-13 42 23.9	18.6 R 608
1993 VA	1996 07 29.47096	21 46 59.80	-13 43 00.5	18.8 R 608
1994 PC	1996 07 31.40969	23 20 01.74	-13 42 03.1	608
1994 PC	1996 07 31.45949	23 20 10.70	-13 43 20.7	608
1994 PC	1996 08 01.44238	23 23 21.29	-14 09 07.4	608
1994 PC	1996 08 01.49269	23 23 30.52	-14 10 29.3	608
1996 FQ ₃	1996 07 26.45333	20 03 14.37	-18 42 07.0	608
1996 FQ ₃	1996 07 26.48023	20 03 13.05	-18 42 15.7	608
1996 MR	1996 06 28.51706	22 52 30.45	-05 57 00.5	608
1996 MR	1996 06 28.54793	22 52 33.53	-05 56 49.1	608
1996 MR	1996 08 01.44439	23 37 18.42	-04 39 46.1	17.4 R 608
1996 MR	1996 08 01.49514	23 37 20.67	-04 39 53.4	17.4 R 608
1996 MS	1996 07 29.48411	23 21 03.34	-08 54 57.3	18.1 R 608
1996 MS	1996 07 29.50332	23 21 04.10	-08 55 03.8	608
1996 MS	1996 08 01.44002	23 23 02.30	-09 13 08.5	18.1 R 608
1996 MS	1996 08 01.49028	23 23 03.98	-09 13 28.5	17.5 R 608
1996 NM	1996 08 02.41061	20 02 31.78	-24 29 23.7	608
1996 NM	1996 08 02.46146	20 02 29.33	-24 29 40.6	608
1996 NM	1996 08 05.48192	20 00 14.68	-24 46 12.0	608
1996 NM	1996 08 05.51781	20 00 13.02	-24 46 23.1	17.9 R 608
1996 NM	1996 08 08.44263	19 58 09.90	-25 01 28.0	608
1996 NM	1996 08 08.49300	19 58 07.77	-25 01 42.6	608
1996 NN ₁	1996 08 07.45851	19 39 42.43	-14 14 11.2	608
1996 NN ₁	1996 08 07.51505	19 39 38.34	-14 13 02.6	608
1996 NN ₁	1996 08 09.45836	19 37 30.33	-13 34 42.7	608
1996 NC ₂	* 1996 07 08.50427	20 56 36.98	-17 08 09.3	608
1996 NC ₂	1996 07 08.53860	20 56 35.62	-17 08 15.0	608
1996 NC ₂	1996 07 09.46413	20 56 00.10	-17 10 54.4	608
1996 NC ₂	1996 07 09.49649	20 55 58.78	-17 11 00.1	608
1996 OS ₂	* 1996 07 23.41762	20 12 06.19	-24 10 08.7	17.7 R 608
1996 OS ₂	1996 07 23.45920	20 12 03.79	-24 10 15.9	18.0 R 608
1996 OS ₂	1996 07 25.45007	20 10 12.67	-24 15 53.2	608
1996 OS ₂	1996 07 25.47716	20 10 11.12	-24 15 58.0	19.0 R 608
1996 OS ₂	1996 07 26.43830	20 09 17.73	-24 18 35.3	608
1996 OS ₂	1996 07 26.46067	20 09 16.44	-24 18 38.7	18.1 R 608
1996 OS ₂	1996 07 29.40921	20 06 33.60	-24 26 13.6	608
1996 OS ₂	1996 07 29.42102	20 06 32.92	-24 26 16.0	16.5 R 608
1996 OS ₂	1996 07 29.45397	20 06 30.99	-24 26 20.5	608
1996 OS ₂	1996 07 29.46591	20 06 30.28	-24 26 21.8	608
1996 OS ₂	1996 07 31.44603	20 04 42.73	-24 31 02.6	608
1996 OS ₂	1996 07 31.49071	20 04 40.23	-24 31 08.5	608
1996 OS ₂	1996 08 01.42343	20 03 50.31	-24 33 14.1	608
1996 OS ₂	1996 08 01.47091	20 03 47.65	-24 33 19.8	608
1996 OS ₂	1996 08 02.42492	20 02 57.13	-24 35 22.7	608
1996 OS ₂	1996 08 02.47073	20 02 54.61	-24 35 28.1	608
1996 OS ₂	1996 08 05.48192	20 00 18.95	-24 41 21.5	608
1996 OS ₂	1996 08 05.51781	20 00 17.08	-24 41 25.1	608
1996 OS ₂	1996 08 07.46134	19 58 40.57	-24 44 45.5	608
1996 OS ₂	1996 08 07.51802	19 58 37.70	-24 44 50.6	608
1996 OS ₂	1996 08 08.44263	19 58 09.90	-25 01 28.0	608

1996 OS ₂	1996 08 08.49300	19 58 07.77	-25 01 42.6	608	1996 OX ₂	1996 07 22.44946	22 28 08.43	-11 23 15.4	608
1996 OS ₂	1996 08 09.45494	19 57 05.44	-24 47 47.5	608	1996 OX ₂	1996 07 25.44279	22 27 19.37	-11 41 36.5	608
1996 OS ₂	1996 08 09.49249	19 57 03.62	-24 47 50.3	608	1996 OX ₂	1996 07 25.47001	22 27 18.61	-11 41 49.5	20.0 R 608
1996 OS ₂	1996 08 14.35054	19 53 31.03	-24 53 31.0	608	1996 OX ₂	1996 07 26.44950	22 26 59.54	-11 48 09.6	608
1996 OS ₂	1996 08 14.41666	19 53 28.20	-24 53 34.7	608	1996 OX ₂	1996 07 26.47532	22 26 59.01	-11 48 19.2	608
1996 OT ₂	* 1996 07 25.42866	20 05 50.06	-24 10 43.0	608	1996 OY ₂	* 1996 07 29.42351	20 15 11.29	-31 36 24.5	608
1996 OT ₂	1996 07 25.45530	20 05 48.50	-24 10 42.7	17.8 R 608	1996 OY ₂	1996 07 29.46846	20 15 08.80	-31 36 50.2	608
1996 OT ₂	1996 07 26.44200	20 04 53.13	-24 10 25.9	608	1996 OY ₂	1996 08 02.42182	20 11 56.77	-32 12 31.7	17.4 R 608
1996 OT ₂	1996 07 26.46438	20 04 51.83	-24 10 25.5	608	1996 OY ₂	1996 08 02.46765	20 11 54.30	-32 12 55.2	608
1996 OU ₂	* 1996 07 26.43463	20 07 21.30	-24 27 05.9	608	1996 OZ ₂	* 1996 07 31.44603	20 04 20.48	-24 32 22.5	608
1996 OU ₂	1996 07 26.45700	20 07 19.77	-24 27 01.1	608	1996 OZ ₂	1996 07 31.49071	20 04 17.81	-24 32 21.2	608
1996 OU ₂	1996 07 31.43218	20 02 00.45	-24 09 16.1	15.6 R 608	1996 OZ ₂	1996 08 01.42343	20 03 23.97	-24 32 02.1	608
1996 OU ₂	1996 07 31.48446	20 01 56.99	-24 09 04.1	608	1996 OZ ₂	1996 08 01.47091	20 03 21.11	-24 32 00.6	608
1996 OU ₂	1996 08 12.45190	19 50 32.99	-23 18 36.6	608	1996 OZ ₂	1996 08 02.41061	20 02 27.38	-24 31 37.6	19.2 R 608
1996 OU ₂	1996 08 12.48958	19 50 31.01	-23 18 25.9	608	1996 OZ ₂	1996 08 02.46146	20 02 24.36	-24 31 35.9	608
1996 OU ₂	1996 08 14.36150	19 49 00.54	-23 09 42.0	608	1996 PA	1996 08 07.47594	23 00 17.65	-05 21 44.5	15.2 R 608
1996 OU ₂	1996 08 14.42440	19 48 57.40	-23 09 24.1	608	1996 PA	1996 08 07.53323	23 00 19.63	-05 24 30.3	608
1996 OV ₂	* 1996 07 26.43830	20 09 05.06	-24 21 12.9	608	1996 PA	1996 08 08.47054	23 01 00.00	-06 09 42.2	608
1996 OV ₂	1996 07 26.46067	20 09 03.84	-24 21 16.9	18.4 R 608	1996 PA	1996 08 08.48603	23 01 00.49	-06 10 26.8	608
1996 OV ₂	1996 07 29.40921	20 06 28.30	-24 28 09.4	608	1996 PA	1996 08 08.49831	23 01 00.87	-06 11 02.5	608
1996 OV ₂	1996 07 29.42102	20 06 27.60	-24 28 11.3	16.4 R 608	1996 PA	1996 08 08.53265	23 01 01.95	-06 12 42.3	608
1996 OV ₂	1996 07 29.45397	20 06 25.83	-24 28 15.7	608	1996 PJ	* 1996 08 08.44650	21 48 35.13	-12 32 09.8	18.2 R 608
1996 OV ₂	1996 07 29.46591	20 06 25.16	-24 28 17.2	608	1996 PJ	1996 08 08.46766	21 48 33.80	-12 32 36.2	608
1996 OV ₂	1996 07 31.44603	20 04 42.46	-24 32 32.6	608	1996 PJ	1996 08 08.48288	21 48 32.87	-12 32 55.5	17.7 R 608
1996 OV ₂	1996 07 31.49071	20 04 40.09	-24 32 38.2	608	1996 PJ	1996 08 08.49609	21 48 32.05	-12 33 11.9	18.0 R 608
1996 OV ₂	1996 08 01.42343	20 03 52.43	-24 34 32.9	608	1996 PJ	1996 08 08.51734	21 48 30.71	-12 33 38.9	608
1996 OV ₂	1996 08 01.47091	20 03 49.90	-24 34 38.0	608	1996 PJ	1996 08 14.38922	21 42 38.23	-14 37 39.8	608
1996 OV ₂	1996 08 02.42492	20 03 01.70	-24 36 29.9	608	1996 PJ	1996 08 14.40442	21 42 37.26	-14 37 59.1	608
1996 OV ₂	1996 08 02.47073	20 02 59.29	-24 36 34.9	18.8 R 608	1996 PW	1996 08 13.37869	22 20 31.69	-13 32 00.0	608
1996 OV ₂	1996 08 05.48192	20 00 30.61	-24 41 58.5	608	1996 PW	1996 08 13.40468	22 20 31.52	-13 32 29.5	608
1996 OV ₂	1996 08 05.49645	20 00 29.90	-24 41 59.9	18.7 R 608	1996 PW	1996 08 14.38272	22 20 26.77	-13 50 56.9	608
1996 OV ₂	1996 08 05.50303	20 00 29.59	-24 42 00.5	19.4 R 608	1996 PW	1996 08 14.39676	22 20 26.68	-13 51 12.9	608
1996 OV ₂	1996 08 05.51781	20 00 28.84	-24 42 01.7	18.7 R 608	1996 PW	1996 08 15.48348	22 20 20.70	-14 11 46.1	608
1996 OV ₂	1996 08 05.53176	20 00 28.15	-24 42 03.0	18.8 R 608	1996 PW	1996 08 15.50071	22 20 20.57	-14 12 05.6	608
1996 OV ₂	1996 08 05.53843	20 00 27.82	-24 42 04.1	19.3 R 608	1996 PW	1996 08 15.51994	22 20 20.43	-14 12 27.7	608
1996 OV ₂	1996 08 07.46134	19 58 56.45	-24 45 06.3	608	1996 PW	1996 08 15.52321	22 20 20.41	-14 12 31.1	608
1996 OV ₂	1996 08 07.46513	19 58 56.26	-24 45 07.1	608	1996 PW	1996 08 15.53142	22 20 20.36	-14 12 40.7	608
1996 OV ₂	1996 08 07.51802	19 58 53.72	-24 45 11.1	608	1996 PW	1996 08 15.54054	22 20 20.26	-14 12 51.2	608
1996 OV ₂	1996 08 07.52130	19 58 53.52	-24 45 11.9	18.4 R 608	1996 PW	1996 08 16.47927	22 20 14.90	-14 30 39.4	608
1996 OV ₂	1996 08 09.45494	19 57 25.14	-24 47 54.8	608	1996 PW	1996 08 16.49435	22 20 14.78	-14 30 57.0	608
1996 OV ₂	1996 08 09.49249	19 57 23.39	-24 47 57.5	608	1996 PW	1996 08 16.52541	22 20 14.52	-14 31 31.3	608
1996 OV ₂	1996 08 12.46122	19 55 14.71	-24 51 29.2	608	1996 PC ₁	1996 08 16.48213	22 16 34.92	-21 05 12.4	608
1996 OV ₂	1996 08 12.49722	19 55 13.10	-24 51 31.3	608	1996 PD ₁	1996 08 08.44650	21 48 31.26	-12 31 46.6	18.6 R 608
1996 OV ₂	1996 08 14.36712	19 53 57.20	-24 53 19.8	608	1996 PD ₁	1996 08 08.46766	21 48 30.09	-12 31 51.1	18.7 R 608
1996 OV ₂	1996 08 14.42839	19 53 54.65	-24 53 22.7	608	1996 PD ₁	1996 08 08.48288	21 48 29.28	-12 31 54.6	18.1 R 608
1996 OW ₂	* 1996 07 26.44200	20 04 54.65	-24 13 37.7	608	1996 PD ₁	1996 08 08.49609	21 48 28.56	-12 31 57.4	608
1996 OW ₂	1996 07 26.46438	20 04 53.35	-24 13 50.5	608	1996 PD ₁	1996 08 08.51734	21 48 27.38	-12 32 02.5	608
1996 OW ₂	1996 08 01.42044	19 59 32.06	-25 09 01.4	608	1996 PD ₁	1996 08 08.53035	21 48 26.70	-12 32 05.2	608
1996 OW ₂	1996 08 01.46781	19 59 29.44	-25 09 26.5	608	1996 PD ₁	1996 08 09.46720	21 47 38.15	-12 35 32.7	608
1996 OW ₂	1996 08 02.39999	19 58 40.54	-25 17 46.0	608	1996 PD ₁	1996 08 09.50770	21 47 35.87	-12 35 40.6	608
1996 OW ₂	1996 08 02.45076	19 58 37.73	-25 18 13.2	608	1996 PD ₁	1996 08 09.51088	21 47 35.77	-12 35 42.3	608
1996 OX ₂	* 1996 07 22.41569	22 28 09.00	-11 23 03.2	608	1996 PD ₁	1996 08 09.53722	21 47 34.27	-12 35 47.0	608

1996 PM ₁	1996 07 31.44603	20 04 35.94	-24 24 53.6	608	1996 PG ₂	1996 08 09.45494	19 57 18.12	-24 45 05.2	608
1996 PM ₁	1996 07 31.49071	20 04 33.75	-24 25 03.2	608	1996 PG ₂	1996 08 09.49249	19 57 16.03	-24 45 10.4	608
1996 PM ₁	* 1996 08 01.42343	20 03 50.43	-24 28 36.6	608	1996 PH ₂	1996 08 14.37933	21 06 47.46	-13 14 32.6	608
1996 PM ₁	1996 08 01.47091	20 03 48.09	-24 28 46.9	608	1996 PH ₂	1996 08 14.39311	21 06 46.45	-13 14 08.3	608
1996 PM ₁	1996 08 02.42492	20 03 04.19	-24 32 19.3	608	1996 PH ₂	1996 08 16.47498	21 04 39.63	-12 15 42.5	608
1996 PM ₁	1996 08 02.47073	20 03 02.01	-24 32 29.5	608	1996 PH ₂	1996 08 16.49053	21 04 38.64	-12 15 17.4	608
1996 PM ₁	1996 08 05.49645	20 00 46.12	-24 43 10.5	608	1996 PL ₂	1996 08 14.38272	22 20 37.01	-13 54 38.7	608
1996 PM ₁	1996 08 05.50303	20 00 45.89	-24 43 11.7	608	1996 PL ₂	1996 08 14.39676	22 20 36.27	-13 54 45.2	608
1996 PM ₁	1996 08 05.53176	20 00 44.53	-24 43 17.0	608	1996 PW ₂	1996 08 16.47927	22 20 35.60	-14 28 33.0	608
1996 PM ₁	1996 08 05.53843	20 00 44.29	-24 43 18.6	608	1996 PW ₂	1996 08 16.49435	22 20 34.79	-14 28 38.8	608
1996 PM ₁	1996 08 07.46513	19 59 21.51	-24 49 39.7	608	1996 PW ₂	1996 08 16.52541	22 20 33.16	-14 28 48.1	608
1996 PM ₁	1996 08 07.52130	19 59 19.04	-24 49 49.9	608	1996 PG ₃	* 1996 08 12.44784	19 50 45.47	-23 51 02.8	608
1996 PN ₁	* 1996 08 01.42610	20 12 48.41	-31 53 54.3	608	1996 PG ₃	1996 08 14.35453	19 49 15.85	-23 45 53.9	608
1996 PN ₁	1996 08 01.47458	20 12 44.87	-31 53 52.5	608	1996 PG ₃	1996 08 14.42022	19 49 12.74	-23 45 43.0	608
1996 PN ₁	1996 08 02.41361	20 11 39.49	-31 53 35.2	608	1996 PH ₃	* 1996 08 14.38922	21 42 20.97	-14 39 28.9	608
1996 PN ₁	1996 08 02.46446	20 11 35.79	-31 53 33.6	608	1996 PH ₃	1996 08 14.40442	21 42 19.50	-14 39 23.2	608
1996 PN ₁	1996 08 05.49976	20 08 08.32	-31 51 19.3	19.1 R 608	1996 PH ₃	1996 08 16.48676	21 39 04.71	-14 26 07.6	608
1996 PN ₁	1996 08 05.53516	20 08 05.88	-31 51 16.5	608	1996 PH ₃	1996 08 16.50036	21 39 03.39	-14 26 02.2	608
1996 PO ₁	* 1996 08 05.48192	20 00 31.91	-24 36 37.1	608	1996 PF ₄	1996 08 09.47682	23 00 42.91	-06 12 21.2	608
1996 PO ₁	1996 08 05.49645	20 00 31.14	-24 36 39.0	608	1996 PF ₄	1996 08 09.52095	23 00 40.91	-06 12 18.1	608
1996 PO ₁	1996 08 05.50303	20 00 30.77	-24 36 39.3	19.0 R 608	(1685)	1996 07 31.43914	01 19 34.20	+44 09 15.8	13.8 R 608
1996 PO ₁	1996 08 05.51781	20 00 30.02	-24 36 40.6	19.6 R 608	(1685)	1996 08 01.45263	01 31 49.54	+45 44 03.3	608
1996 PO ₁	1996 08 05.53176	20 00 29.26	-24 36 42.5	19.0 R 608	(1685)	1996 08 07.51247	02 58 47.67	+52 57 21.5	13.9 R 608
1996 PO ₁	1996 08 05.53843	20 00 28.90	-24 36 43.3	608	(2202)	1996 07 08.47344	16 59 20.91	-07 57 35.3	608
1996 PO ₁	1996 08 07.46134	19 58 51.17	-24 39 57.2	608	(2202)	1996 07 08.50934	16 59 18.57	-07 57 38.3	608
1996 PO ₁	1996 08 07.51802	19 58 48.27	-24 40 02.1	608	(2202)	1996 08 01.41389	16 42 22.73	-09 21 36.2	19.9 R 608
1996 PO ₁	1996 08 09.45494	19 57 12.65	-24 42 59.1	608	(2202)	1996 08 01.45545	16 42 21.93	-09 21 47.9	20.6 R 608
1996 PO ₁	1996 08 09.49249	19 57 10.77	-24 43 02.1	608	(2873)	1996 07 23.41762	20 11 49.99	-24 11 54.3	14.3 R 608
1996 PP ₁	* 1996 08 05.50669	20 23 20.92	-19 22 26.0	18.4 R 608	(2873)	1996 07 23.45920	20 11 47.46	-24 12 12.9	15.1 R 608
1996 PP ₁	1996 08 05.54082	20 23 18.84	-19 22 20.3	17.8 R 608	(2873)	1996 07 25.43816	20 09 56.05	-24 26 54.7	15.0 R 608
1996 PP ₁	1996 08 09.46176	20 19 37.69	-19 10 38.8	608	(2873)	1996 07 25.46534	20 09 54.41	-24 27 06.6	15.1 R 608
1996 PP ₁	1996 08 09.50157	20 19 35.42	-19 10 31.4	608	(3103)	1996 07 31.42182	00 20 51.58	-11 12 01.8	608
1996 PQ ₁	* 1996 08 08.44650	21 48 00.56	-12 25 07.8	20.1 R 608	(3103)	1996 08 02.41672	00 48 08.07	-15 32 44.7	608
1996 PQ ₁	1996 08 08.46766	21 47 59.22	-12 25 11.5	608	(3103)	1996 08 02.41770	00 48 08.91	-15 32 52.6	608
1996 PQ ₁	1996 08 08.48288	21 47 58.26	-12 25 14.2	608	(3103)	1996 08 02.41865	00 48 09.72	-15 33 00.5	608
1996 PQ ₁	1996 08 08.49609	21 47 57.42	-12 25 16.4	19.1 R 608	(3342)	1996 07 23.44325	23 34 16.00	-04 49 58.2	14.7 R 608
1996 PQ ₁	1996 08 09.45201	21 46 59.78	-12 28 05.8	608	(3342)	1996 07 23.47973	23 34 15.81	-04 50 03.7	14.5 R 608
1996 PQ ₁	1996 08 09.46480	21 46 58.96	-12 28 07.4	608	(3342)	1996 07 25.45288	23 34 04.78	-04 55 14.0	608
1996 PQ ₁	1996 08 09.48904	21 46 57.40	-12 28 12.5	608	(3342)	1996 07 25.47994	23 34 04.57	-04 55 18.5	608
1996 PQ ₁	1996 08 09.50515	21 46 56.40	-12 28 14.4	608	(3351)	1996 07 30.42197	23 36 00.59	+07 56 06.5	16.9 R 608
1996 PR ₁	* 1996 08 08.47054	23 00 56.96	-06 04 59.4	608	(3351)	1996 07 30.45759	23 36 00.95	+07 56 04.1	16.8 R 608
1996 PR ₁	1996 08 08.48603	23 00 56.51	-06 05 02.4	608	(3351)	1996 07 31.41618	23 36 11.59	+07 54 50.6	16.4 R 608
1996 PR ₁	1996 08 08.49831	23 00 56.14	-06 05 04.7	608	(3351)	1996 07 31.46519	23 36 12.02	+07 54 46.6	16.9 R 608
1996 PR ₁	1996 08 08.53265	23 00 55.14	-06 05 11.0	608	(3391)	1996 07 23.44917	00 06 35.03	+04 39 36.2	608
1996 PR ₁	1996 08 09.47682	23 00 29.52	-06 08 09.5	608	(3391)	1996 07 23.48561	00 06 34.84	+04 39 40.0	16.3 R 608
1996 PR ₁	1996 08 09.52095	23 00 28.16	-06 08 18.0	608	(3391)	1996 07 31.41912	00 05 33.93	+04 50 45.9	17.8 R 608
1996 PR ₁	1996 08 14.34757	22 57 58.39	-06 25 26.7	608	(3391)	1996 07 31.46882	00 05 33.41	+04 50 49.5	608
1996 PR ₁	1996 08 14.41360	22 57 56.01	-06 25 42.1	608	(3391)	1996 08 01.44678	00 05 22.89	+04 51 52.9	17.3 R 608
1996 PR ₁	1996 08 16.51289	22 56 41.69	-06 34 04.1	608	(3391)	1996 08 01.49763	00 05 22.28	+04 51 56.0	16.9 R 608
1996 PR ₁	1996 08 16.53168	22 56 40.95	-06 34 08.6	608	(3553)	1996 08 05.50953	21 27 42.55	+47 58 33.6	608
1996 PG ₂	* 1996 08 07.46134	19 59 06.88	-24 40 12.3	608	(3553)	1996 08 05.54351	21 27 39.51	+47 58 38.6	608
1996 PG ₂	1996 08 07.51802	19 59 03.65	-24 40 20.0	608	(3908)	1996 08 14.36966	21 12 17.76	-07 01 23.4	608

(3908)	1996 08 14.43106	21 12 13.91	-07 00 52.0		608	1996 OP ₂	1996 08 01.00539	21 07 55.37	+04 12 16.2		610
(3908)	1996 08 15.43403	21 11 22.74	-06 52 13.5		608	1996 OP ₂	1996 08 01.01409	21 07 55.06	+04 12 11.6		610
(3908)	1996 08 16.50988	21 10 25.92	-06 42 50.2	15.9 R	608	1996 OP ₂	1996 08 01.01949	21 07 54.86	+04 12 08.5		610
(3908)	1996 08 16.52906	21 10 24.70	-06 42 40.0	15.3 R	608	(1101)	1996 05 24.84051	13 26 34.56	-02 58 58.4	15.4 V	610
(4179)	1996 08 02.42854	20 28 24.74	-19 04 13.0	15.2 R	608	(1101)	1996 05 24.85950	13 26 34.17	-02 58 52.7		610
(4179)	1996 08 02.47310	20 28 19.94	-19 04 30.4	15.7 R	608	(1101)	1996 05 24.87032	13 26 33.95	-02 58 49.4		610
(4179)	1996 08 05.50669	20 23 01.54	-19 24 52.1	16.1 R	608	(1213)	1996 07 23.88804	18 01 38.26	-20 52 38.3		610
(4179)	1996 08 05.54082	20 22 57.70	-19 25 05.4	16.0 R	608	(1213)	1996 07 23.89635	18 01 37.93	-20 52 36.9		610
(4179)	1996 08 07.46760	20 19 25.46	-19 38 22.7	15.6 R	608	(1213)	1996 07 23.90966	18 01 37.39	-20 52 34.9		610
(4179)	1996 08 07.52546	20 19 18.66	-19 38 45.5	15.5 R	608	(1427)	1996 05 24.88597	14 06 37.98	-03 59 07.3	14.9 V	610
(4183)	1996 07 23.43979	23 22 02.88	+02 18 54.9	19.5 R	608	(1427)	1996 05 24.89403	14 06 37.66	-03 59 07.7		610
(4183)	1996 07 23.47693	23 22 01.59	+02 18 52.9	19.0 R	608	(1427)	1996 05 24.90390	14 06 37.26	-03 59 08.2		610
(4183)	1996 08 01.43427	23 16 10.78	+02 04 35.1	19.0 R	608	(2678)	1996 05 22.85800	13 20 31.00	-06 48 22.1	16.0 V	610
(4183)	1996 08 01.48447	23 16 08.45	+02 04 27.9	17.5 R	608	(2678)	1996 05 22.87689	13 20 30.50	-06 48 22.7		610
(4197)	1996 08 12.51822	01 47 43.86	+06 55 07.1	15.8 R	608	(2678)	1996 05 22.88550	13 20 30.27	-06 48 23.0		610
(4197)	1996 08 12.53035	01 47 44.46	+06 55 12.6	15.5 R	608	(2903)	1996 05 22.93125	16 00 05.31	-16 57 13.2	15.4 V	610
(4341)	1996 08 02.44153	23 46 36.56	-16 14 01.2		608	(2903)	1996 05 22.94650	16 00 04.47	-16 57 05.7		610
(4341)	1996 08 02.48461	23 46 35.42	-16 14 31.5	18.5 R	608	(2903)	1996 05 22.95633	16 00 03.93	-16 57 00.8		610
(4341)	1996 08 16.51681	23 36 52.90	-19 22 35.7	18.5 R	608	(2938)	1996 06 06.89507	17 05 23.43	+14 16 08.7	16.9 V	610
(4341)	1996 08 16.53520	23 36 51.78	-19 22 52.4	17.9 R	608	(2938)	1996 06 06.90858	17 05 22.66	+14 16 05.0		610
(5410)	1996 08 16.50422	23 27 43.29	-05 40 52.1		608	(2938)	1996 06 06.92637	17 05 21.64	+14 16 00.2		610
(5410)	1996 08 16.52193	23 27 42.69	-05 40 56.9		608	(2938)	1996 06 06.94300	17 05 20.69	+14 15 55.8		610
(5418)	1996 07 25.43992	20 25 58.72	+00 47 17.3	17.5 R	608	(2938)	1996 06 07.91032	17 04 25.86	+14 11 51.6		610
(5418)	1996 07 25.46704	20 25 57.39	+00 47 09.3	17.6 R	608	(2938)	1996 06 07.92258	17 04 25.15	+14 11 47.9		610
(5418)	1996 07 29.40679	20 22 49.62	+00 26 48.9	16.8 R	608	(2938)	1996 06 07.93779	17 04 24.28	+14 11 43.3		610
(5418)	1996 07 29.45144	20 22 47.42	+00 26 34.1	17.6 R	608	(2938)	1996 06 07.95191	17 04 23.47	+14 11 39.1		610
(5751)	1996 07 23.43343	22 07 46.15	-18 55 25.1	18.7 R	608	(2938)	1996 06 07.95637	17 04 23.21	+14 11 37.7		610
(5751)	1996 07 23.47035	22 07 44.32	-18 55 45.4	17.3 R	608	(2956)	1996 05 22.92600	15 59 41.60	-16 46 26.7	15.5 V	610
(5751)	1996 07 29.44619	22 02 43.19	-19 51 24.0	18.8 R	608	(2956)	1996 05 22.93125	15 59 41.32	-16 46 26.0		610
(5751)	1996 07 29.47816	22 02 41.48	-19 51 43.7	18.7 R	608	(2956)	1996 05 22.94650	15 59 40.51	-16 46 24.0		610
(6178)	1996 08 02.43684	22 19 20.52	-17 04 31.8		608	(2956)	1996 05 22.95633	15 59 39.99	-16 46 22.7		610
(6178)	1996 08 02.48120	22 19 17.94	-17 04 47.3		608	(3266)	1996 05 31.91663	16 00 41.30	+18 07 22.3	16.4 V	610
(6178)	1996 08 09.47339	22 12 28.56	-17 46 26.5		608	(3266)	1996 05 31.92565	16 00 40.62	+18 07 16.8		610
(6178)	1996 08 09.51744	22 12 25.85	-17 46 42.0		608	(3266)	1996 05 31.93122	16 00 40.20	+18 07 13.4		610
(6384)	1996 08 12.52566	03 42 54.75	-10 27 08.7		608	(3317)	1996 06 09.86435	14 29 27.49	+19 18 27.4	15.6 V	610
(6384)	1996 08 12.53674	03 42 55.82	-10 27 08.0	16.0 R	608	(3317)	1996 06 09.87522	14 29 27.30	+19 18 25.3		610
(6391)	1996 07 29.42351	20 15 29.28	-31 34 41.5	17.4 R	608	(3317)	1996 06 09.89052	14 29 27.03	+19 18 22.2		610
(6391)	1996 07 29.46846	20 15 26.58	-31 34 56.9	16.6 R	608	(4889)	1996 05 21.96634	14 59 21.19	-03 24 26.4	16.0 V	610
(6391)	1996 08 01.42610	20 12 35.77	-31 51 09.0	18.0 R	608	(4889)	1996 05 21.97551	14 59 20.70	-03 24 28.0		610
(6391)	1996 08 01.47458	20 12 32.92	-31 51 23.7	17.5 R	608	(5055)	1996 05 24.94988	15 55 06.63	-15 56 55.7	15.8 V	610
(6391)	1996 08 02.41361	20 11 39.34	-31 56 14.8	16.5 R	608	(5055)	1996 05 24.95738	15 55 06.24	-15 56 54.9		610
(6391)	1996 08 02.46446	20 11 36.35	-31 56 30.1	16.5 R	608	(5055)	1996 05 24.96641	15 55 05.77	-15 56 53.9		610
(7088)	1996 07 22.40427	20 12 20.66	-24 04 45.4		608	(5166)	1996 05 24.91537	14 56 57.53	-08 47 26.1	15.4 V	610
(7088)	1996 07 22.43788	20 12 18.09	-24 04 58.7	20.0 R	608	(5166)	1996 05 24.92341	14 56 57.17	-08 47 25.3		610
(7088)	1996 07 26.43463	20 07 15.49	-24 30 23.0		608	(5166)	1996 05 24.93359	14 56 56.69	-08 47 24.4		610
610 Pianoro						(5231)	1996 05 21.87203	13 12 48.62	+11 51 14.6	16.0 V	610
V. Goretti, Via Resistenza 93, I-40065 Pianoro (BO), Italy						(5231)	1996 05 21.87698	13 12 48.50	+11 51 12.4		610
[astrofil@astbo1.bo.cnr.it]						(5231)	1996 05 21.88617	13 12 48.27	+11 51 08.5		610
0.25-m <i>f</i> /4 Schmidt-Cassegrain + CCD						(5236)	1996 05 22.88962	14 57 00.16	-11 29 22.2	16.5 V	610
GSC						(5236)	1996 05 22.90083	14 56 59.61	-11 29 17.0		610
1996 OP ₂	1996 07 31.98652	21 07 56.06	+04 12 27.4	16.0 V	610	(5236)	1996 05 22.91955	14 56 58.70	-11 29 08.3		610
1996 OP ₂	1996 07 31.99394	21 07 55.79	+04 12 23.1		610	(5293)	1996 06 09.92436	15 33 37.09	-02 36 33.2	15.8 V	610

(5293)	1996 06 09.93059	15 33 36.76	−02 36 34.8		610
(5293)	1996 06 09.94006	15 33 36.24	−02 36 37.3		610
(5441)	1996 05 21.83713	13 05 22.69	+08 34 41.7	16.5 V	610
(5441)	1996 05 21.85718	13 05 22.34	+08 34 38.5		610
(5441)	1996 05 21.86672	13 05 22.17	+08 34 36.9		610
(5732)	1996 05 22.96328	15 54 14.70	−20 04 10.7	16.0 V	610
(5732)	1996 05 22.97175	15 54 14.02	−20 04 01.9		610
(5732)	1996 05 22.98249	15 54 13.15	−20 03 50.7		610

611 Starkenburg Sternwarte, Heppenheim

M. Busch, Giessener Strasse 4, D-64646 Heppenheim, Germany [mab@iez.com]

Observers M. Busch, W. Ernst, F. Hormuth, J. Wöhrle

Measurer F. Hormuth

0.45-m $f/4.4$ reflector + CCD

GSC

1991 CS	1996 08 08.92674	23 24 20.44	+58 58 51.7	16.6 R	611
1991 CS	1996 08 09.90428	23 28 55.93	+58 43 27.2	16.7 R	611
1991 CS	1996 08 09.91840	23 28 59.90	+58 43 14.3	16.3 R	611
1991 CS	1996 08 11.86458	23 39 09.87	+58 03 24.5	16.6 R	611
1991 CS	1996 08 11.87257	23 39 12.52	+58 03 13.9	16.8 R	611
1991 CS	1996 08 15.88194	00 05 42.82	+55 42 33.0		611
1991 CS	1996 08 16.89342	00 13 56.46	+54 47 26.8	15.2 R	611
1991 CS	1996 08 16.89618	00 13 57.83	+54 47 18.1	15.1 R	611
1991 CS	1996 08 17.86701	00 22 35.82	+53 43 00.0	15.0 R	611
1991 CS	1996 08 17.87535	00 22 40.42	+53 42 25.1	15.2 R	611
1991 CS	1996 08 18.89340	00 32 35.27	+52 20 01.0	15.3 R	611
1991 CS	1996 08 18.90451	00 32 41.92	+52 19 03.6	15.4 R	611
1991 CS	1996 08 19.93473	00 43 44.11	+50 35 17.8	14.7 R	611
1991 CS	1996 08 19.94164	00 43 48.69	+50 34 32.1	14.6 R	611
1991 RD ₃	1996 07 19.98993	22 52 10.33	+03 48 53.0	17.4 R	611
1991 RD ₃	1996 07 20.02951	22 52 09.72	+03 48 53.6	17.6 R	611
1991 RD ₃	1996 08 04.92662	22 45 36.91	+03 24 52.9	17.4 R	611
1991 RD ₃	1996 08 04.95451	22 45 35.99	+03 24 46.6	17.7 R	611
1991 RD ₃	1996 08 05.90938	22 45 03.85	+03 21 54.6		611
1991 RD ₃	1996 08 05.94051	22 45 02.70	+03 21 48.4		611
1991 RD ₃	1996 08 08.97812	22 43 14.81	+03 11 34.0	18.0 R	611
1991 RD ₃	1996 08 09.00451	22 43 13.84	+03 11 28.9	18.4 R	611
1991 RD ₃	1996 08 10.07639	22 42 33.72	+03 07 28.9	17.6 R	611
1991 RD ₃	1996 08 17.00104	22 37 56.71	+02 37 15.4	17.5 R	611
1991 RD ₃	1996 08 17.01447	22 37 56.14	+02 37 11.2	17.3 R	611
1991 RD ₃	1996 08 17.95451	22 37 16.50	+02 32 31.6		611
1991 RD ₃	1996 08 17.97604	22 37 15.54	+02 32 25.0		611
1991 RD ₃	1996 08 19.96609	22 35 50.27	+02 22 10.0	17.9 R	611
1991 RD ₃	1996 08 19.99271	22 35 49.08	+02 22 01.6	17.5 R	611
1996 PA	1996 08 17.05602	23 05 28.54	−13 14 36.3	15.6 R	611
1996 PA	1996 08 17.06042	23 05 28.63	−13 14 49.1	15.8 R	611
1996 PA	1996 08 18.04896	23 05 49.32	−14 03 38.4	15.4 R	611
1996 PA	1996 08 18.05631	23 05 49.41	−14 04 00.2	15.7 R	611
(1640)	1996 08 18.09404	23 57 44.21	−07 15 15.7	14.3 R	611
(1640)	1996 08 18.11769	23 57 44.13	−07 15 01.4	14.4 R	611
(1675)	1996 08 20.01042	23 11 01.05	−15 54 57.7	15.4 R	611
(1675)	1996 08 20.03264	23 10 59.81	−15 55 04.4	14.9 R	611
(1685)	1996 08 20.09137	06 02 59.28	+52 45 55.7	14.6 R	611

(1685)	1996 08 20.09375	06 03 00.89	+52 45 50.8	14.9 R	611
(4179)	1996 08 16.86979	20 00 49.36	−20 43 42.5	16.3 R	611
(4179)	1996 08 16.87500	20 00 48.65	−20 43 45.2	16.3 R	611
(4179)	1996 08 17.90833	19 58 41.57	−20 50 42.2	16.3 R	611
(4179)	1996 08 17.92465	19 58 39.45	−20 50 48.6		611
(4179)	1996 08 19.88610	19 54 38.65	−21 03 45.1	16.0 R	611
(4179)	1996 08 19.89792	19 54 37.12	−21 03 49.7	16.0 R	611

612 Lenkerbeck

J. Jahn, Neustädter Strasse 11, D-29389 Bodenteich, Germany

[j.jahn@abbs.heide.de]

Observer R. Sparenberg

0.28-m $f/5$ reflector + CCD

1994 PC	1996 07 23.00308	22 55 24.68	−10 42 23.8	17.5 R	612
1994 PC	1996 07 23.02559	22 55 28.09	−10 42 48.7	17.4 R	612

619 Sabadell

F. Casarramona, Agrupacion Astronomica de Sabadell, P.O. Box 50, E-8200

Sabadell, Spain [fercas@nexus.rednsi.com]

Observers F. Casarramona, J. Presa

Measurer F. Casarramona

0.51-m $f/3.9$ reflector + CCD

1996 PA	1996 08 08.93846	23 01 19.47	−06 32 30.7		619
1996 PA	1996 08 08.94269	23 01 19.63	−06 32 43.1		619
1996 PA	1996 08 08.94672	23 01 19.82	−06 32 55.4		619
1996 PA	1996 08 08.95166	23 01 19.98	−06 33 09.4		619
1996 PA	1996 08 08.95558	23 01 20.11	−06 33 20.6		619
1996 PA	1996 08 08.95936	23 01 20.24	−06 33 32.5		619
(6386)	1996 08 17.04477	22 12 55.18	−20 20 12.1		619
(6386)	1996 08 17.04832	22 12 55.04	−20 20 15.2		619
(6386)	1996 08 17.05487	22 12 54.73	−20 20 20.8		619
(6386)	1996 08 17.92730	22 12 17.86	−20 32 26.7		619
(6386)	1996 08 17.93558	22 12 17.50	−20 32 33.7		619
(6386)	1996 08 17.94064	22 12 17.26	−20 32 37.9		619

621 Bergisch Gladbach

W. Bickel, Schau ins Land 21, D-51429 Bergisch Gladbach, Germany [0220455671-

0001@t-online.de]

0.60-m $f/5$ reflector + CCD

GSC, PPM

(3817)	1996 07 19.99709	18 15 52.78	−18 51 25.8		621
(3817)	1996 07 19.99918	18 15 52.64	−18 51 26.6		621
(3817)	1996 07 20.00126	18 15 52.54	−18 51 28.1		621
(3817)	1996 07 20.00334	18 15 52.45	−18 51 27.4		621
(3817)	1996 07 20.00543	18 15 52.37	−18 51 28.5		621
(3817)	1996 07 20.00751	18 15 52.36	−18 51 28.0		621
(3817)	1996 07 20.00959	18 15 52.23	−18 51 28.4		621
(3817)	1996 07 20.92155	18 15 16.59	−18 54 15.3		621
(3817)	1996 07 20.92363	18 15 16.49	−18 54 15.7		621
(3817)	1996 07 20.92572	18 15 16.44	−18 54 16.3		621
(3817)	1996 07 20.93266	18 15 16.16	−18 54 17.3		621
(3817)	1996 07 20.93475	18 15 16.06	−18 54 18.8		621
(3817)	1996 07 20.93683	18 15 15.99	−18 54 19.0		621

625 Kihei-AMOS Remote Maui Experimental Site

P. Kervin, Air Force Maui Optical Station, 535 Lipoa Parkway, Suite 200, Kihei,
Maui, HI 96753, U.S.A. [paul@ulua.mhpcc.af.mil]

Observers G. Fricke, D. O'Connell, V. Soo Hoo, P. Sydney, D. Nishimoto,
J. Africano

Measurers G. Fricke, D. O'Connell, P. Kervin

0.30-m Schmidt-Cassegrain + CCD

(694)	1996 07 23.39255	22 18 35.38	+21 09 45.2	625
(694)	1996 07 23.42833	22 18 35.38	+21 10 10.1	625
(1685)	1996 08 01.56937	01 33 15.00	+45 54 52.2	625
(1685)	1996 08 01.61370	01 33 47.40	+45 58 55.6	625
(1685)	1996 08 01.61773	01 33 50.37	+45 59 17.5	625
(3103)	1996 08 01.55160	00 35 50.86	-13 37 53.8	625
(3103)	1996 08 01.60034	00 36 29.76	-13 44 18.5	625

658 Dominion Astrophysical Observatory, Victoria

J. B. Tatum, Dept. of Physics, University of Victoria, P.O. Box 3055, Victoria, BC
V8W 3P6, Canada [universe@uvvm.uvic.ca]

Observer D. D. Balam

1.82-m Plaskett telescope + CCD

GSC

1987 PA	1996 08 23.40512	22 30 12.73	+19 40 13.4	658
1987 PA	1996 08 23.41024	22 30 12.27	+19 40 19.4	658
1987 PA	1996 08 23.41421	22 30 11.93	+19 40 24.0	658
1987 PA	1996 08 25.38814	22 27 34.48	+20 15 56.3	658
1987 PA	1996 08 25.39071	22 27 34.25	+20 15 58.8	658
1987 PA	1996 08 25.39748	22 27 33.69	+20 16 05.5	658
1991 VK	1996 08 23.42272	00 59 47.53	+16 03 16.4	658
1991 VK	1996 08 23.42610	00 59 47.58	+16 03 18.3	658
1991 VK	1996 08 23.43244	00 59 47.68	+16 03 22.5	658
1993 GE	1996 08 24.45824	03 42 00.04	+10 42 37.2	658
1993 GE	1996 08 24.46311	03 42 00.12	+10 42 37.6	658
1993 GE	1996 08 24.46899	03 42 00.22	+10 42 38.3	658
1993 UC	1996 08 24.35878	21 36 10.70	-01 29 11.2	658
1993 UC	1996 08 24.36455	21 36 10.39	-01 29 14.2	658
1993 UC	1996 08 24.36987	21 36 10.01	-01 29 16.1	658
1994 CA ₁	1996 08 24.47628	03 51 17.02	+18 25 19.9	658
1994 CA ₁	1996 08 24.48039	03 51 17.20	+18 25 20.7	658
1994 CA ₁	1996 08 24.48545	03 51 17.51	+18 25 20.5	658
1994 CA ₁	1996 08 25.46851	03 52 11.96	+18 26 21.8	658
1994 CA ₁	1996 08 25.47503	03 52 12.40	+18 26 22.3	658
1994 CA ₁	1996 08 25.47881	03 52 12.54	+18 26 22.7	658
1994 TF ₂	1996 08 24.44323	01 58 36.86	+19 56 58.4	658
1994 TF ₂	1996 08 24.44784	01 58 37.10	+19 56 51.4	658
1994 TF ₂	1996 08 24.45337	01 58 37.44	+19 56 41.4	658
1996 MS	1996 08 24.40330	23 29 20.43	-12 47 41.2	658
1996 MS	1996 08 24.40783	23 29 20.40	-12 47 44.3	658
1996 MS	1996 08 24.41430	23 29 20.35	-12 47 48.6	658
1996 OE ₂	1996 08 24.42242	00 04 23.53	+19 48 53.3	658
1996 OE ₂	1996 08 24.42867	00 04 23.27	+19 48 54.4	658
1996 OE ₂	1996 08 24.43709	00 04 22.93	+19 48 56.2	658
1996 OE ₂	1996 08 25.44121	00 03 42.82	+19 52 12.5	658

1996 OE ₂	1996 08 25.44697	00 03 42.57	+19 52 13.6	658
1996 OE ₂	1996 08 25.45133	00 03 42.39	+19 52 14.4	658
1996 OL ₂	1996 08 24.26957	19 52 09.35	-11 58 35.8	658
1996 OL ₂	1996 08 24.27698	19 52 09.10	-11 58 36.5	658
1996 OL ₂	1996 08 24.28121	19 52 08.97	-11 58 36.9	658
1996 OM ₂	1996 08 23.25675	19 49 21.17	-11 21 27.9	658
1996 OM ₂	1996 08 23.26125	19 49 21.00	-11 21 28.3	658
1996 OM ₂	1996 08 23.26510	19 49 20.88	-11 21 28.5	658
1996 OM ₂	1996 08 24.25274	19 48 49.17	-11 23 00.9	658
1996 OM ₂	1996 08 24.25679	19 48 49.04	-11 23 01.3	658
1996 OM ₂	1996 08 24.26529	19 48 48.75	-11 23 02.1	658
1996 PW	1996 08 23.38730	22 19 26.46	-16 41 04.0	658
1996 PW	1996 08 23.39238	22 19 26.39	-16 41 09.8	658
1996 PW	1996 08 23.39615	22 19 26.37	-16 41 13.9	658
1996 PW	1996 08 24.37628	22 19 18.83	-16 59 31.1	658
1996 PW	1996 08 24.38052	22 19 18.79	-16 59 35.8	658
1996 PW	1996 08 24.38838	22 19 18.72	-16 59 44.6	658
1996 PC ₁	1996 08 23.28859	21 32 15.40	+09 36 06.0	658
1996 PC ₁	1996 08 23.28924	21 32 15.10	+09 36 18.0	658
1996 PC ₁	1996 08 23.28987	21 32 14.79	+09 36 31.0	658
1996 PC ₁	1996 08 24.31296	21 24 08.22	+15 08 47.2	658
1996 PC ₁	1996 08 24.31396	21 24 07.71	+15 09 06.6	658
1996 PC ₁	1996 08 24.31543	21 24 06.96	+15 09 34.9	658
1996 PH ₂	1996 08 23.31976	20 59 07.82	-09 23 30.6	658
1996 PH ₂	1996 08 23.33399	20 59 07.18	-09 23 11.4	658
1996 PH ₂	1996 08 23.33885	20 59 06.96	-09 23 04.2	658
1996 PH ₂	1996 08 24.28979	20 58 31.68	-09 01 32.3	658
1996 PH ₂	1996 08 24.29480	20 58 31.52	-09 01 26.4	658
1996 PH ₂	1996 08 24.30016	20 58 31.22	-09 01 19.3	658
1996 QH ₁	* 1996 08 24.28979	20 58 35.76	-09 02 20.7	19.2 V 658
1996 QH ₁	1996 08 24.29480	20 58 35.46	-09 02 21.8	658
1996 QH ₁	1996 08 24.30016	20 58 35.12	-09 02 23.2	658
1996 QH ₁	1996 08 25.36013	20 57 40.88	-09 06 53.6	658
1996 QH ₁	1996 08 25.36311	20 57 40.70	-09 06 54.1	658
1996 QH ₁	1996 08 25.36707	20 57 40.46	-09 06 55.8	658
1996 QJ ₁	* 1996 08 24.42242	00 04 09.75	+19 52 34.6	19.6 V 658
1996 QJ ₁	1996 08 24.42867	00 04 09.62	+19 52 38.1	658
1996 QJ ₁	1996 08 24.43709	00 04 09.45	+19 52 43.4	658
1996 QJ ₁	1996 08 25.40235	00 03 56.16	+20 02 20.9	658
1996 QJ ₁	1996 08 25.41251	00 03 56.01	+20 02 27.2	658
1996 QJ ₁	1996 08 25.41929	00 03 55.90	+20 02 31.6	658
1996 QK ₁	* 1996 08 24.42242	00 04 21.91	+19 47 40.6	19.9 V 658
1996 QK ₁	1996 08 24.42867	00 04 21.69	+19 47 39.2	658
1996 QK ₁	1996 08 24.43709	00 04 21.47	+19 47 37.4	658
1996 QK ₁	1996 08 25.42427	00 03 51.82	+19 43 55.7	658
1996 QK ₁	1996 08 25.43103	00 03 51.63	+19 43 54.5	658
1996 QK ₁	1996 08 25.43707	00 03 51.42	+19 43 52.6	658
1996 QL ₁	* 1996 08 24.45824	03 42 03.93	+10 40 03.9	17.6 V 658
1996 QL ₁	1996 08 24.46311	03 42 04.31	+10 40 03.7	658
1996 QL ₁	1996 08 24.46899	03 42 04.75	+10 40 03.6	658
1996 QL ₁	1996 08 25.48330	03 43 21.92	+10 39 47.4	658
1996 QL ₁	1996 08 25.48736	03 43 22.21	+10 39 47.4	658

1996 QL ₁	1996 08 25.48927	03 43 22.33	+10 39 47.2	658
(3553)	1996 08 23.29788	21 00 15.46	+47 00 16.4	658
(3553)	1996 08 23.30281	21 00 15.13	+47 00 14.4	658
(3553)	1996 08 23.30795	21 00 14.65	+47 00 11.5	658
(3553)	1996 08 24.33466	20 58 46.44	+46 51 01.3	658
(3553)	1996 08 24.34020	20 58 46.05	+46 50 57.8	658
(3553)	1996 08 24.35115	20 58 45.07	+46 50 52.3	658
(4487)	1996 08 23.21860	17 52 04.01	+11 08 12.2	658
(4487)	1996 08 23.22062	17 52 04.03	+11 08 09.1	658
(4487)	1996 08 23.22249	17 52 04.10	+11 08 07.5	658
(4487)	1996 08 24.22096	17 52 43.90	+10 49 08.2	658
(4487)	1996 08 24.22547	17 52 44.10	+10 49 03.0	658
(4487)	1996 08 24.23055	17 52 44.29	+10 48 57.2	658
(5870)	1996 08 24.20812	18 25 00.81	+02 12 28.8	658
(5870)	1996 08 24.21233	18 25 00.71	+02 12 26.5	658
(5870)	1996 08 24.21602	18 25 00.64	+02 12 24.2	658
(7047)	1996 08 23.22994	18 25 10.95	+02 21 01.8	658
(7047)	1996 08 23.23207	18 25 10.96	+02 20 59.5	658

673 Table Mountain Observatory

D. L. Rabinowitz, Jet Propulsion Laboratory, Pasadena, CA 91109, U.S.A.

[dlr@ipl.jpl.nasa.gov]

0.6-m reflector + CCD

1996 PW	1996 08 13.46979	22 20 30.79	-13 33 43.5	17.5 V	673
1996 PW	1996 08 13.47497	22 20 30.74	-13 33 49.6		673
1996 PW	1996 08 14.31684	22 20 26.98	-13 49 42.3		673
1996 PW	1996 08 14.32732	22 20 26.90	-13 49 54.2		673
1996 PW	1996 08 14.36771	22 20 26.62	-13 50 40.2		673
1996 PW	1996 08 14.39352	22 20 26.47	-13 51 10.0		673
1996 PW	1996 08 15.31123	22 20 21.76	-14 08 30.3		673
1996 PW	1996 08 15.38085	22 20 21.13	-14 09 50.8	18.2 V	673
1996 PH ₂	1996 08 15.27350	21 05 51.79	-12 49 10.1	19.7 V	673
1996 PH ₂	1996 08 15.35197	21 05 46.16	-12 46 56.8		673

675 Palomar

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

[gshoemaker@iflag2.wr.usgs.gov] (3)

C. J. van Houten, Sterrewacht Leiden, Postbus 9513, NL-2300 RA Leiden, The Netherlands [vanhouten@rulh11.leidenuniv.nl] (4)

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [elgb@lowell.edu] (6)

9 = 6+3

Observers T. Gehrels (4, L), H. E. Holt (3, S), D. H. Levy (3, S), T. Melis (3, S), C. S. Shoemaker (3, S), E. M. Shoemaker (3, S)

Measurers C. P. de Saint-Aignan (6), C. M. Olmstead (6), B. A. Skiff (6), M. C. Turnbull, C. J. van Houten (4), I. van Houten-Groeneveld (4), A. Wisse (4)

1.2-m Oschin Schmidt (L), 0.46-m Schmidt (S)

1953 GH	1990 05 25.31024	15 33 58.89	-06 17 11.0		9 675
1953 GH	1990 05 25.34010	15 33 57.56	-06 17 02.1		9 675
1955 RV	1989 09 04.36927	23 55 59.01	+00 14 38.2	16.0 V	9 675
1955 RV	1989 09 04.40920	23 55 57.34	+00 14 23.4		9 675
1955 RV	1989 09 29.21771	23 36 43.91	-02 37 21.1	16.0 V	9 675

1955 RV	1989 09 29.26597	23 36 41.54	-02 37 40.7		9 675
1966 BB	1988 10 07.40799	02 39 03.37	+04 15 20.1	18.0	9 675
1966 BB	1988 10 07.43455	02 39 02.19	+04 15 08.9		9 675
1967 KB	1988 10 07.35521	01 33 18.07	+11 42 30.9	18.0	9 675
1967 KB	1988 10 07.38160	01 33 16.44	+11 42 23.6		9 675
1971 UH ₁	1988 10 07.31476	01 02 52.48	+02 09 59.4	17.2	9 675
1971 UH ₁	1988 10 07.33958	01 02 51.31	+02 09 55.2		9 675
1973 QG ₂	1994 07 12.39167	21 03 53.36	-21 12 18.1	16.8 V	9 675
1973 QG ₂	1994 07 12.42153	21 03 52.20	-21 12 24.4		9 675
1973 RF	1992 02 28.40087	11 50 28.00	+08 41 23.1	16.5 V	9 675
1973 RF	1992 02 28.43264	11 50 26.17	+08 41 27.1		9 675
1973 SA ₂	1951 12 27.28264	05 26 10.83	+23 58 17.2		6 675
1973 SA ₂	1951 12 27.31181	05 26 09.91	+23 58 16.2	18.0	6 675
1975 NC	1989 09 30.22656	23 25 39.40	+06 10 53.1	17.2 V	9 675
1975 NC	1989 09 30.26111	23 25 37.92	+06 10 40.7		9 675
1975 SA ₁	1991 12 02.19670	03 05 58.89	+25 23 44.0	17.2 V	9 675
1975 XP ₃	1989 09 04.36927	23 49 37.09	-02 41 46.1	16.8 V	9 675
1975 XP ₃	1989 09 04.40920	23 49 34.98	-02 41 56.6		9 675
1975 XP ₃	1989 09 29.21771	23 26 21.33	-04 28 06.0	16.8 V	9 675
1975 XP ₃	1989 09 29.26597	23 26 18.64	-04 28 16.9		9 675
1977 AW ₂	1989 09 04.36927	23 54 01.11	-00 04 29.2	16.0 V	9 675
1977 AW ₂	1989 09 04.40920	23 53 59.22	-00 04 37.2		9 675
1977 AW ₂	1989 09 29.21771	23 33 47.70	-01 34 11.9	16.0 V	9 675
1977 AW ₂	1989 09 29.26597	23 33 45.40	-01 34 21.5		9 675
1977 AW ₂	1989 11 01.11684	23 19 08.50	-02 32 00.8	16.5 V	9 675
1977 AW ₂	1989 11 01.19167	23 19 08.19	-02 31 58.5		9 675
1977 AW ₂	1992 02 27.44115	12 36 27.61	-05 11 30.6		9 675
1977 AW ₂	1992 02 27.47587	12 36 26.46	-05 11 25.9		9 675
1977 DU	1991 12 02.16603	02 48 28.62	+26 36 19.0	16.8 V	9 675
1977 DU	1991 12 02.19670	02 48 26.90	+26 36 11.0		9 675
1977 DU	1994 07 12.39167	21 21 06.14	-21 22 28.6	16.8 V	9 675
1977 DU	1994 07 12.42153	21 21 04.76	-21 22 34.3		9 675
1977 DU	1994 08 04.33108	20 59 55.79	-22 20 53.7	16.8 V	9 675
1977 DU	1994 08 04.36181	20 59 53.90	-22 20 56.9		9 675
1977 DB ₁	1955 04 16.30417	14 30 01.21	-09 47 05.3	18.5	6 675
1977 DB ₁	1988 01 20.30712	06 26 43.75	+20 19 57.0	16.8 V	9 675
1977 DB ₁	1988 01 20.34497	06 26 41.93	+20 20 03.8		9 675
1977 DB ₁	1992 02 04.44306	10 47 40.29	+08 32 31.4	16.5 V	9 675
1977 DB ₁	1992 02 04.47535	10 47 39.10	+08 32 42.8		9 675
1977 DB ₁	1994 10 01.30868	01 06 21.73	+02 42 03.3	17.5 V	9 675
1977 DB ₁	1994 10 01.33837	01 06 20.16	+02 41 52.1		9 675
1977 DB ₁	1994 11 07.19583	00 36 28.00	-00 38 30.6	17.8 V	9 675
1977 DB ₁	1994 11 07.23438	00 36 26.87	-00 38 37.1		9 675
1977 QK ₁	1988 10 07.35521	01 14 35.61	+10 17 59.3	16.0	9 675
1977 QK ₁	1988 10 07.38160	01 14 34.19	+10 17 53.9		9 675
1977 RZ ₈	1982 09 14.41528	22 53 46.09	-05 10 17.1	16.5 V	9 675
1977 RZ ₈	1990 01 26.29965	09 09 01.45	+28 47 28.2	17.2 V	9 675
1977 RZ ₈	1990 01 26.33333	09 08 59.33	+28 47 30.9		9 675
1977 RZ ₈	1990 02 20.18003	08 43 47.40	+28 42 59.2	17.2 V	9 675
1977 RZ ₈	1990 02 20.21111	08 43 45.60	+28 42 55.7		9 675
1977 RZ ₈	1993 11 16.43108	04 18 54.04	+42 55 43.6	17.5 V	9 675
1977 RZ ₈	1993 11 16.46858	04 18 51.39	+42 55 45.1		9 675

1977 RZ ₈	1993 12 13.42240	03 49 50.16	+41 48 38.5		9 675	1981 EW ₂₄	1988 10 07.33958	01 08 03.94	+04 58 09.9		9 675
1978 PM ₃	1954 07 02.23333	17 08 22.40	-08 59 56.5		6 675	1981 EO ₂₆	1951 02 04.24583	08 07 13.05	+19 58 54.7		6 675
1978 PM ₃	1954 07 02.27569	17 08 20.61	-09 00 02.7	17.2	6 675	1981 EO ₂₆	1951 02 04.28819	08 07 10.87	+19 59 01.6	18.8	6 675
1978 PO ₃	1992 02 04.44306	10 36 03.19	+10 08 06.1	17.5 V	9 675	1981 EE ₂₈	1988 10 07.37465	02 04 20.90	+12 05 28.0	18.2	9 675
1978 PO ₃	1992 02 04.47535	10 36 01.80	+10 08 11.6		9 675	1981 EE ₂₈	1988 10 07.40069	02 04 19.65	+12 05 23.3		9 675
1978 QY ₁	1954 05 23.24826	14 25 07.44	-07 59 27.7	18.5	6 675	1981 EQ ₂₈	1988 10 07.40069	02 29 03.60	+09 57 44.6	16.8	9 675
1978 QY ₁	1954 05 23.27198	14 25 06.22	-07 59 22.7		6 675	1981 EG ₃₉	1994 08 04.33108	20 55 08.12	-22 38 05.2	17.8 V	9 675
1978 QE ₂	1989 07 29.40174	22 49 31.35	-11 32 27.7	16.0 V	9 675	1981 EG ₃₉	1994 08 04.36181	20 55 06.69	-22 38 10.2		9 675
1978 QE ₂	1989 07 29.43056	22 49 30.94	-11 32 30.2		9 675	1981 UQ ₂₉	1950 08 14.42361	02 04 24.75	+14 14 30.5	17.8	6 675
1978 QE ₂	1989 07 31.45469	22 49 04.87	-11 34 58.9	16.0 V	9 675	1981 UQ ₂₉	1950 08 14.45104	02 04 26.22	+14 14 39.2		6 675
1978 QE ₂	1989 07 31.47882	22 49 04.51	-11 35 01.6		9 675	1981 VL	1988 10 07.35521	01 16 55.23	+07 06 47.5	16.5	9 675
1978 QE ₂	1989 09 02.32031	22 27 42.19	-13 00 40.8	15.8 V	9 675	1981 VL	1988 10 07.38160	01 16 53.67	+07 06 42.8		9 675
1978 QE ₂	1989 09 02.35521	22 27 40.34	-13 00 46.3		9 675	1981 WF ₉	1988 10 07.31476	00 56 55.67	+08 37 16.8	17.0	9 675
1978 SD ₇	1988 10 07.35521	01 12 28.77	+10 25 23.1	16.5	9 675	1981 WF ₉	1988 10 07.33958	00 56 54.41	+08 37 01.6		9 675
1978 SD ₇	1988 10 07.38160	01 12 27.20	+10 25 08.6		9 675	1982 DP ₁	1994 11 07.19583	00 38 24.49	+00 25 55.6	17.0 V	9 675
1978 US ₅	1950 08 14.42361	02 17 26.83	+10 06 52.2	18.2	6 675	1982 DP ₁	1994 11 07.23438	00 38 22.82	+00 25 55.7		9 675
1978 US ₅	1950 08 14.45104	02 17 27.45	+10 07 06.3		6 675	1982 DW ₃	1994 11 07.19583	00 48 04.40	-01 39 25.7	16.8 V	9 675
1978 VO ₈	1988 10 07.35521	01 26 09.92	+05 09 50.5	18.5	9 675	1982 FX ₂	1989 07 29.40174	22 52 40.43	-10 19 21.8	17.0 V	9 675
1978 VO ₈	1988 10 07.38160	01 26 08.85	+05 09 43.9		9 675	1982 FX ₂	1989 07 29.43056	22 52 39.76	-10 19 26.3		9 675
1978 XU	1989 11 01.11684	23 03 37.30	-00 35 51.3	16.5 V	9 675	1982 FX ₂	1989 07 31.45469	22 51 47.97	-10 24 52.5	16.5 V	9 675
1978 XU	1989 11 01.19167	23 03 38.70	-00 36 09.0		9 675	1982 FX ₂	1989 07 31.47882	22 51 47.29	-10 24 55.9		9 675
1979 HH	1955 04 16.30417	14 42 11.36	-11 28 05.5	17.8	6 675	1982 FX ₂	1989 09 02.32031	22 28 40.70	-12 28 06.7	16.0 V	9 675
1979 HH	1955 04 16.32917	14 42 10.22	-11 27 58.9		6 675	1982 FX ₂	1989 09 02.35521	22 28 38.85	-12 28 15.4		9 675
1979 MZ ₂	1988 10 07.37465	02 29 57.91	+11 39 02.6	17.8	9 675	1982 FG ₃	1951 02 04.26319	07 58 57.57	+20 29 18.2		6 675
1979 MZ ₂	1988 10 07.40069	02 29 56.85	+11 38 55.6		9 675	1982 FG ₃	1951 02 04.28819	07 58 56.20	+20 29 19.8	17.5	6 675
1979 SU ₁₁	1955 04 16.30417	14 32 26.81	-12 02 01.0	18.5	6 675	1982 FX ₃	1954 05 23.20729	13 08 19.48	-10 07 02.7		6 675
1979 US	1988 10 07.31476	00 49 18.50	+05 55 19.5	16.8	9 675	1982 FX ₃	1954 05 23.23229	13 08 18.97	-10 07 01.6	17.8	6 675
1979 US	1988 10 07.33958	00 49 17.14	+05 55 14.1		9 675	1982 RF	1955 04 16.30417	14 42 55.25	-13 20 28.0	19.0	6 675
1979 UC ₄	1950 08 14.42361	02 02 00.85	+11 57 33.0	18.5	6 675	1982 RL ₂	1982 11 12.37708	02 59 52.55	+22 08 10.2		9 675
1979 UC ₄	1950 08 14.45104	02 02 02.09	+11 57 43.1		6 675	1982 SG ₁₂	1989 09 02.44115	00 00 22.35	+02 49 55.8	16.8 V	9 675
1980 EB	1989 09 29.21771	23 40 29.19	-02 21 02.0	17.5 V	9 675	1982 SG ₁₂	1989 09 02.47361	00 00 21.04	+02 49 41.0		9 675
1980 EB	1989 09 29.26597	23 40 26.73	-02 21 15.8		9 675	1982 TK	1992 02 28.43264	11 42 32.76	+07 36 13.8	17.2 V	9 675
1980 PB ₁	1990 05 25.31024	15 23 13.70	-03 26 53.6		9 675	1982 TB ₂	1951 11 08.39236	05 39 54.13	+25 37 01.9	17.5	6 675
1980 PB ₁	1990 05 25.34010	15 23 11.94	-03 26 45.5		9 675	1982 TB ₂	1951 11 08.41736	05 39 53.55	+25 36 59.4		6 675
1980 VX ₂	1954 05 23.23229	13 25 32.15	-13 52 02.6	18.5	6 675	1982 TF ₂	1989 09 02.44115	00 03 52.92	+03 20 51.6	16.0 V	9 675
1981 DX	1989 11 01.19167	23 14 45.06	+05 09 43.6	17.8 V	9 675	1982 TF ₂	1989 09 02.47361	00 03 51.60	+03 20 45.9		9 675
1981 EC ₂	1955 03 24.35903	13 12 15.66	-23 19 03.8	17.5	6 675	1982 TF ₂	1989 09 04.36927	00 02 37.02	+03 15 09.5	15.8 V	9 675
1981 ES ₈	1951 07 31.25972	18 19 41.07	-09 47 30.3	17.5	6 675	1982 TF ₂	1989 09 04.40920	00 02 35.26	+03 15 02.0		9 675
1981 ES ₈	1951 07 31.28611	18 19 40.24	-09 47 34.7		6 675	1982 TF ₂	1989 09 30.22656	23 41 42.35	+01 16 41.2	15.5 V	9 675
1981 EQ ₁₀	1951 02 04.26319	08 19 01.72	+19 25 44.9		6 675	1982 TF ₂	1989 09 30.26111	23 41 40.65	+01 16 30.6		9 675
1981 EQ ₁₀	1951 02 04.28819	08 19 00.18	+19 25 46.0	18.5	6 675	1982 TF ₂	1989 11 01.11684	23 30 28.68	-00 17 22.6	16.5 V	9 675
1981 EZ ₁₀	1951 11 08.39236	05 38 45.39	+24 25 07.1	18.2	6 675	1982 TF ₂	1989 11 01.19167	23 30 29.12	-00 17 23.0		9 675
1981 EZ ₁₀	1951 11 08.41736	05 38 44.72	+24 25 06.0		6 675	1982 TL ₂	1955 03 24.40833	14 57 42.66	-22 34 03.0	18.8	6 675
1981 EG ₁₅	1988 10 07.31476	00 56 45.65	+09 30 53.3	19.2	9 675	1982 TL ₂	1955 03 24.43264	14 57 42.16	-22 34 01.8		6 675
1981 EG ₁₅	1988 10 07.33958	00 56 44.07	+09 30 43.9		9 675	1982 TL ₂	1955 05 23.20000	14 09 24.46	-17 45 34.4	18.5	6 675
1981 EW ₁₇	1994 10 01.30868	00 56 18.47	+07 37 38.3	17.5 V	9 675	1982 TL ₂	1982 11 12.35000	02 59 54.28	+22 08 21.6		9 675
1981 EW ₁₇	1994 10 01.33837	00 56 16.88	+07 37 28.8		9 675	1982 TL ₂	1982 11 12.37708	02 59 52.55	+22 08 10.2		9 675
1981 EU ₁₉	1989 09 30.22656	23 41 30.85	+00 41 16.8	17.2 V	9 675	1982 TL ₂	1989 09 02.44115	23 55 23.72	+09 25 33.6	16.8 V	9 675
1981 EU ₁₉	1989 09 30.26111	23 41 28.70	+00 41 11.4		9 675	1982 TL ₂	1989 09 02.47361	23 55 22.28	+09 25 27.7		9 675
1981 EB ₂₄	1988 10 07.31476	01 08 18.38	+07 49 20.1	18.5	9 675	1982 TL ₂	1989 09 03.35486	23 54 43.36	+09 22 58.2	16.5 V	9 675
1981 EB ₂₄	1988 10 07.33958	01 08 17.05	+07 49 13.0		9 675	1982 TL ₂	1989 09 03.39462	23 54 41.56	+09 22 50.8		9 675
1981 EW ₂₄	1988 10 07.31476	01 08 05.18	+04 58 18.8	17.2	9 675	1982 TL ₂	1989 09 30.22656	23 31 14.71	+06 55 50.0	16.8 V	9 675

1982 TL ₂	1989 09 30.26111	23 31 12.96	+06 55 35.4		9 675	1986 XT	1994 10 01.33837	00 52 21.24	+07 48 53.0		9 675
1982 TL ₂	1989 11 01.11684	23 16 07.07	+03 34 30.9	17.0 V	9 675	1986 XX	1956 03 11.36736	12 25 50.26	+13 36 50.1	17.0	6 675
1982 TL ₂	1989 11 01.19167	23 16 06.97	+03 34 12.4		9 675	1986 XX	1956 03 11.38943	12 25 49.03	+13 36 58.3		6 675
1982 TL ₂	1994 01 06.16424	03 49 59.75	+19 44 45.3	16.8 V	9 675	1986 XX	1956 03 16.28750	12 21 10.88	+14 04 48.9	17.2	6 675
1982 TT ₂	1955 11 11.39792	05 00 04.28	+38 15 41.1	17.5	6 675	1986 XX	1956 03 16.30939	12 21 09.50	+14 04 56.3		6 675
1982 TT ₂	1955 11 11.42153	05 00 03.02	+38 15 47.9		6 675	1987 BO ₁	1993 12 13.39323	03 43 07.24	+41 31 08.1	14.8 V	9 675
1982 UE ₆	1989 09 02.32031	22 44 05.40	-10 49 47.4	16.5 V	9 675	1987 BO ₁	1993 12 13.42240	03 43 06.12	+41 30 20.1		9 675
1982 UE ₆	1989 09 02.35521	22 44 03.27	-10 49 58.6		9 675	1987 BC ₂	1982 09 14.39444	22 53 03.08	+01 14 49.1	15.5 V	9 675
1983 CH	1988 10 07.40799	02 17 45.77	+02 24 09.0	17.0	9 675	1987 BC ₂	1982 09 14.41528	22 53 01.93	+01 14 42.5		9 675
1983 CH	1988 10 07.43455	02 17 44.47	+02 24 01.0		9 675	1987 BS ₂	1989 09 29.21771	23 36 30.06	-04 59 24.4	17.5 V	9 675
1983 PX	1988 10 07.37465	02 03 17.80	+11 01 20.8	17.2	9 675	1987 BS ₂	1989 09 29.26597	23 36 27.42	-04 59 42.8		9 675
1983 PX	1988 10 07.40069	02 03 16.57	+11 01 08.6		9 675	1987 DW ₆	1994 08 04.33108	21 11 07.72	-18 26 45.3	16.8 V	9 675
1983 RY ₄	1954 05 24.18715	12 43 47.49	-14 45 15.9		6 675	1987 DW ₆	1994 08 04.36181	21 11 06.20	-18 26 51.9		9 675
1983 RY ₄	1954 05 24.21146	12 43 47.12	-14 45 08.6	18.5	6 675	1987 QS	1994 07 12.39167	21 14 37.60	-20 18 31.2	16.8 V	9 675
1983 WN	1951 11 08.39236	05 33 07.01	+25 16 38.3	17.8	6 675	1987 QS	1994 07 12.42153	21 14 36.25	-20 18 30.7		9 675
1983 WN	1951 11 08.41736	05 33 06.11	+25 16 28.9		6 675	1987 SR ₁₂	1994 10 01.30868	01 02 14.86	+04 26 43.4	16.2 V	9 675
1983 XE	1951 11 08.41736	05 59 44.90	+21 14 47.7	18.5	6 675	1987 SR ₁₂	1994 10 01.33837	01 02 13.23	+04 26 28.7		9 675
1983 XN ₁	1954 05 24.18715	12 24 51.76	-14 08 09.9		6 675	1987 VD	1953 09 16.37326	00 26 02.11	+15 55 50.5		6 675
1983 XN ₁	1954 05 24.21146	12 24 51.87	-14 08 05.1	18.8	6 675	1987 VD	1953 09 16.39722	00 26 00.95	+15 55 48.4	15.8	6 675
1984 HO ₁	1988 10 07.38160	01 18 34.55	+07 43 17.9	18.2	9 675	1988 BW	1994 07 12.39167	21 16 03.62	-21 14 44.3	17.2 V	9 675
1984 QJ	1950 08 14.42361	02 03 47.80	+09 42 47.5	18.2	6 675	1988 BW	1994 07 12.42153	21 16 02.13	-21 14 45.7		9 675
1984 QJ	1950 08 14.45104	02 03 48.54	+09 42 49.6		6 675	1988 CA	1954 11 24.17708	02 03 26.26	-02 08 45.2	18.0	6 675
1984 SC ₁	1954 05 24.18715	12 33 55.70	-13 10 45.7		6 675	1988 CA	1954 11 24.20035	02 03 25.47	-02 08 46.6		6 675
1984 SC ₁	1954 05 24.21146	12 33 55.26	-13 10 44.6	18.5	6 675	1988 DJ ₁	1992 02 28.40087	11 27 33.24	+06 06 39.6	17.0 V	9 675
1985 CM ₁	1992 02 28.40087	11 18 10.82	+09 28 32.8	16.0 V	9 675	1988 DJ ₁	1992 02 28.43264	11 27 31.58	+06 06 54.8		9 675
1985 CM ₁	1992 02 28.43264	11 18 09.21	+09 28 48.7		9 675	1988 RX ₂	1988 10 07.35521	01 29 01.25	+08 39 00.7	17.5	9 675
1985 JN ₁	1951 11 08.39236	05 37 22.54	+21 31 54.5	18.8	6 675	1988 RX ₂	1988 10 07.38160	01 28 59.92	+08 38 52.6		9 675
1985 JN ₁	1951 11 08.41736	05 37 21.67	+21 31 56.0		6 675	1988 RZ ₂	1988 10 07.35521	01 24 06.13	+09 48 41.3	18.5	9 675
1985 QA ₁	1989 09 02.44115	23 55 29.28	+07 00 50.7	17.0 V	9 675	1988 RZ ₂	1988 10 07.38160	01 24 04.45	+09 48 36.0		9 675
1985 QA ₁	1989 09 02.47361	23 55 27.82	+07 00 38.2		9 675	1988 RA ₃	1988 10 07.35521	01 32 12.44	+08 03 12.1	16.8	9 675
1985 QA ₁	1989 09 30.22656	23 32 46.94	+03 25 13.9	16.8 V	9 675	1988 RA ₃	1988 10 07.38160	01 32 11.13	+08 03 03.5		9 675
1985 QA ₁	1989 09 30.26111	23 32 45.30	+03 24 56.8		9 675	1988 RX ₄	1951 12 27.28264	05 17 39.78	+21 13 06.1		6 675
1985 QL ₄	1951 09 08.38958	01 34 50.69	+00 17 21.9	18.0	6 675	1988 RX ₄	1951 12 27.31181	05 17 37.91	+21 13 07.0		6 675
1985 QL ₄	1951 09 08.41736	01 34 50.09	+00 17 13.9		6 675	1988 RU ₆	1950 08 14.42361	02 00 50.05	+12 32 18.6	19.0	6 675
1985 TN	1990 01 26.29965	09 01 15.20	+25 52 48.6	17.2 V	9 675	1988 RU ₆	1950 08 14.45104	02 00 50.57	+12 32 20.6		6 675
1985 TN	1990 01 26.33333	09 01 12.70	+25 52 57.3		9 675	1988 TA	1988 10 07.35521	01 34 21.96	+10 03 48.9	15.8	9 675
1986 AT ₂	1989 07 29.40174	22 45 23.98	-08 45 12.5	16.5 V	9 675	1988 TA	1988 10 07.38160	01 34 17.46	+10 02 13.1		9 675
1986 AT ₂	1989 07 29.43056	22 45 23.29	-08 45 23.9		9 675	1988 TD	1988 10 07.31476	00 59 12.53	+09 33 11.8	16.5	9 675
1986 AT ₂	1989 09 02.32031	22 24 58.16	-13 45 21.4	16.0 V	9 675	1988 TD	1988 10 07.33958	00 59 11.27	+09 33 03.3		9 675
1986 AT ₂	1989 09 02.35521	22 24 56.65	-13 45 41.0		9 675	1988 TE	1988 10 07.31476	01 00 32.68	+08 56 09.3	16.2	9 675
1986 AT ₂	1992 02 28.40087	11 38 31.85	+12 24 00.8	16.0 V	9 675	1988 TE	1988 10 07.33958	01 00 31.39	+08 56 01.3		9 675
1986 AT ₂	1992 02 28.43264	11 38 30.67	+12 24 19.2		9 675	1988 TL	1988 10 07.35521	01 08 33.70	+10 16 18.8	17.0	9 675
1986 GC	1951 09 08.38958	01 47 21.96	+02 49 49.3	18.5	6 675	1988 TL	1988 10 07.38160	01 08 32.23	+10 16 11.0		9 675
1986 JA	1954 11 24.17708	01 59 35.21	-04 02 17.6	18.2	6 675	1988 TN	1988 10 07.35521	01 29 00.00	+10 34 58.2	16.5	9 675
1986 JA	1954 11 24.20035	01 59 34.36	-04 02 19.1		6 675	1988 TN	1988 10 07.38160	01 28 58.39	+10 34 54.4		9 675
1986 QN	1951 02 04.26319	08 01 22.28	+16 28 52.0		6 675	1988 TU	1988 10 07.35521	01 17 27.15	+11 13 19.5	16.5	9 675
1986 QN	1951 02 04.28819	08 01 20.97	+16 29 00.2	17.8	6 675	1988 TU	1988 10 07.38160	01 17 25.86	+11 13 08.3		9 675
1986 QZ ₂	1994 08 05.26605	21 07 48.79	-32 12 17.7	16.2 V	9 675	1988 TV	1988 10 07.35521	01 18 09.76	+10 42 18.6	16.5	9 675
1986 QZ ₂	1994 08 05.29549	21 07 46.76	-32 12 18.8		9 675	1988 TV	1988 10 07.38160	01 18 08.47	+10 42 02.2		9 675
1986 RA ₅	1954 07 29.43090	23 26 34.15	-08 19 56.9	17.5	6 675	1988 TX	1988 10 07.35521	01 26 33.00	+11 23 43.7	16.5	9 675
1986 RA ₅	1954 07 29.45555	23 26 34.34	-08 20 05.1		6 675	1988 TX	1988 10 07.38160	01 26 32.05	+11 23 25.6		9 675
1986 XT	1994 10 01.30868	00 52 22.76	+07 48 55.1	15.5 V	9 675	1988 TY	1988 10 07.35521	01 30 39.45	+10 21 07.7	17.5	9 675

1988 TY	1988 10 07.38160	01 30 37.95	+10 21 08.7		9 675	1989 SG	1989 09 04.40920	00 15 33.95	+01 05 30.9		9 675
1988 TZ	1988 10 07.35521	01 32 16.41	+09 52 44.5	17.2	9 675	1989 SG	1989 11 01.11684	23 28 43.09	-00 30 59.2	16.5 V	9 675
1988 TB ₁	1988 10 07.35521	01 31 24.88	+11 07 48.0	16.8	9 675	1989 SG	1989 11 01.19167	23 28 41.94	-00 30 54.5		9 675
1988 TB ₁	1988 10 07.38160	01 31 23.56	+11 07 34.7		9 675	1989 SC ₁	1989 09 02.44115	00 04 19.03	+03 41 00.9	15.8 V	9 675
1988 TC ₁	1988 10 07.35521	01 32 35.89	+10 54 53.8	16.2	9 675	1989 SC ₁	1989 09 02.47361	00 04 17.68	+03 40 55.1		9 675
1988 TC ₁	1988 10 07.38160	01 32 34.25	+10 54 50.6		9 675	1989 SC ₁	1989 09 04.40920	00 02 58.18	+03 34 38.7	15.5 V	9 675
1988 TL ₁	1988 10 07.35521	01 28 25.37	+12 00 38.0	16.8	9 675	1989 SC ₁	1989 11 01.11684	23 30 26.51	-00 14 04.9	16.5 V	9 675
1988 TL ₁	1988 10 07.38160	01 28 24.01	+12 00 24.4		9 675	1989 SC ₁	1989 11 01.19167	23 30 27.15	-00 14 05.9		9 675
1988 TM ₁	1988 10 07.35521	01 36 24.78	+10 54 03.5	16.8	9 675	1989 SK ₇	1989 09 02.44115	00 03 37.06	+10 22 07.2	17.0 V	9 675
1988 TM ₁	1988 10 07.38160	01 36 23.53	+10 53 53.5		9 675	1989 SK ₇	1989 09 30.22656	23 39 04.96	+07 52 00.3	17.0 V	9 675
1988 TR ₁	1988 10 07.35521	01 20 21.35	+07 08 28.8	16.5	9 675	1989 SK ₇	1989 09 30.26111	23 39 03.18	+07 51 44.3		9 675
1988 TR ₁	1988 10 07.38160	01 20 20.23	+07 08 06.5		9 675	1989 SK ₇	1989 11 01.11684	23 23 19.58	+04 21 03.1	17.0 V	9 675
1988 TV ₁	1988 10 07.35521	01 13 06.41	+11 03 06.1	17.2	9 675	1989 SK ₇	1989 11 01.19167	23 23 19.32	+04 20 44.4		9 675
1988 TV ₁	1988 10 07.38160	01 13 05.14	+11 02 54.8		9 675	1989 SW ₈	1989 09 02.44115	00 16 17.18	+05 48 48.0	16.5 V	9 675
1988 TW ₁	1988 10 07.35521	01 13 20.16	+11 17 34.4	16.8	9 675	1989 SW ₈	1989 09 02.47361	00 16 16.40	+05 48 27.9		9 675
1988 TW ₁	1988 10 07.38160	01 13 18.87	+11 17 12.6		9 675	1989 ST ₉	1989 09 04.36927	23 53 04.86	-03 35 15.8	16.8 V	9 675
1988 TG ₂	1988 10 07.31476	00 36 15.16	+05 50 08.2	16.8	9 675	1989 ST ₉	1989 09 04.40920	23 53 02.86	-03 35 22.3		9 675
1988 TG ₂	1988 10 07.33958	00 36 13.53	+05 50 09.6		9 675	1989 ST ₉	1989 09 29.21771	23 33 11.63	-04 44 26.7	17.0 V	9 675
1988 TM ₂	1988 10 07.31476	01 01 11.09	+06 54 15.6	16.5	9 675	1989 ST ₉	1989 09 29.26597	23 33 09.35	-04 44 31.3		9 675
1988 TM ₂	1988 10 07.33958	01 01 09.77	+06 54 04.5		9 675	1989 SX ₉	1989 09 04.36927	23 50 38.70	-01 34 38.0	16.2 V	9 675
1988 TN ₂	1988 10 07.31476	01 09 54.34	+06 13 03.1	16.2	9 675	1989 SX ₉	1989 09 04.40920	23 50 37.01	-01 34 50.6		9 675
1988 TN ₂	1988 10 07.33958	01 09 53.26	+06 12 40.7		9 675	1989 SX ₉	1989 09 29.21771	23 31 25.04	-03 54 20.5	16.5 V	9 675
1988 TN ₂	1988 10 07.35521	01 09 52.62	+06 12 26.6	15.8	9 675	1989 SX ₉	1989 09 29.26597	23 31 22.75	-03 54 34.3		9 675
1988 TN ₂	1988 10 07.38160	01 09 51.51	+06 12 02.3		9 675	1989 SZ ₉	1989 09 04.36927	00 03 02.98	-03 25 58.5	16.5 V	9 675
1988 TR ₂	1988 10 07.35521	01 35 26.90	+06 41 54.3	16.8	9 675	1989 SZ ₉	1989 09 04.40920	00 03 00.39	-03 26 03.9		9 675
1988 TR ₂	1988 10 07.38160	01 35 25.34	+06 41 58.1		9 675	1989 SZ ₉	1989 09 29.21771	23 37 01.98	-04 15 52.4	16.8 V	9 675
1988 UA	1988 10 07.35521	01 22 20.29	+10 35 00.9	18.2	9 675	1989 SZ ₉	1989 09 29.26597	23 36 59.01	-04 15 56.6		9 675
1988 UA	1988 10 07.38160	01 22 18.91	+10 34 51.7		9 675	1989 SA ₁₀	1989 09 04.36927	00 03 28.42	-02 54 53.3	16.8 V	9 675
1988 UC	1988 10 07.37465	02 16 45.12	+12 52 32.7	17.8	9 675	1989 SA ₁₀	1989 09 04.40920	00 03 26.14	-02 54 57.6		9 675
1988 UC	1988 10 07.40069	02 16 43.97	+12 52 27.8		9 675	1989 SA ₁₀	1989 09 29.21771	23 37 57.38	-03 52 45.4	17.0 V	9 675
1988 UF	1988 10 07.37465	02 09 30.13	+13 53 24.7	17.2	9 675	1989 SA ₁₀	1989 09 29.26597	23 37 54.22	-03 52 51.7		9 675
1988 UF	1988 10 07.40069	02 09 28.84	+13 53 24.6		9 675	1989 SH ₁₀	1989 09 29.26597	23 21 04.63	-00 18 19.0	17.2 V	9 675
1988 VS ₆	1988 10 07.35521	01 27 13.73	+10 19 03.6	18.0	9 675	1989 SL ₁₀	1989 09 29.21771	23 18 45.62	-03 21 46.2	17.2 V	9 675
1988 VS ₆	1988 10 07.38160	01 27 12.78	+10 18 53.8		9 675	1989 SL ₁₀	1989 09 29.26597	23 18 43.37	-03 22 03.5		9 675
1988 VM ₉	1988 10 07.37465	02 11 11.05	+12 43 00.0	17.0	9 675	1989 SN ₁₀	1989 09 29.21771	23 21 59.55	-03 21 27.9	16.8 V	9 675
1988 VM ₉	1988 10 07.40069	02 11 09.71	+12 42 59.9		9 675	1989 SN ₁₀	1989 09 29.26597	23 21 57.22	-03 21 30.0		9 675
1989 CX ₂	1955 11 11.35069	03 57 37.39	+28 32 07.9	18.2	6 675	1989 SP ₁₀	1989 09 04.36927	23 42 45.24	-00 31 03.1	16.5 V	9 675
1989 CX ₂	1955 11 11.37431	03 57 36.07	+28 32 03.4		6 675	1989 SP ₁₀	1989 09 04.40920	23 42 43.41	-00 31 22.4		9 675
1989 EN ₂	1992 02 04.44306	10 30 26.76	+10 11 28.9	17.0 V	9 675	1989 SQ ₁₀	1989 09 29.21771	23 24 49.81	-03 47 43.3	16.5 V	9 675
1989 OA	1951 11 08.39236	05 47 12.13	+22 33 01.5	18.0	6 675	1989 SQ ₁₀	1989 09 29.26597	23 24 47.55	-03 48 15.8		9 675
1989 OA	1951 11 08.41736	05 47 11.10	+22 33 00.2		6 675	1989 ST ₁₀	1989 09 29.21771	23 27 27.62	-04 05 51.0	15.5 V	9 675
1989 RT	1989 11 01.11684	22 59 26.63	+01 17 11.6	17.5 V	9 675	1989 ST ₁₀	1989 09 29.26597	23 27 25.82	-04 06 19.4		9 675
1989 RT	1989 11 01.19167	22 59 27.20	+01 17 13.2		9 675	1989 SL ₁₂	1994 10 01.30868	00 45 28.57	+06 07 56.9	16.8 V	9 675
1989 RP ₁	1989 09 04.36927	00 11 11.52	-03 07 22.8	15.5 V	9 675	1989 SL ₁₂	1994 10 01.33837	00 45 27.06	+06 07 48.9		9 675
1989 RP ₁	1989 09 04.40920	00 11 10.28	-03 07 55.0		9 675	1989 TE	1989 09 02.44115	00 00 41.28	+09 01 29.8	15.8 V	9 675
1989 RD ₂	1989 07 29.40174	22 29 10.62	-06 36 19.7	15.8 V	9 675	1989 TE	1989 09 02.47361	00 00 40.21	+09 01 27.0		9 675
1989 RD ₂	1989 07 29.43056	22 29 10.19	-06 36 25.2		9 675	1989 TE	1989 09 30.22656	23 42 16.65	+07 15 45.0	16.0 V	9 675
1989 RN ₂	1989 09 02.44115	00 17 19.22	+03 45 27.9	16.8 V	9 675	1989 TE	1989 09 30.26111	23 42 15.31	+07 15 32.8		9 675
1989 RN ₂	1989 09 02.47361	00 17 17.77	+03 45 28.6		9 675	1989 TN ₁	1989 09 30.22656	23 46 53.90	+06 33 59.6	16.5 V	9 675
1989 RN ₂	1989 09 30.22656	23 53 40.26	+03 23 19.0	16.5 V	9 675	1989 TN ₁	1989 09 30.26111	23 46 51.80	+06 33 59.6		9 675
1989 RN ₂	1989 09 30.26111	23 53 38.50	+03 23 16.4		9 675	1990 BV	1990 02 20.18003	08 26 26.41	+30 03 11.5	16.2 V	9 675
1989 SG	1989 09 04.36927	00 15 35.94	+01 05 34.8	16.0 V	9 675	1990 BV	1990 02 20.21111	08 26 25.02	+30 03 19.5		9 675

1990 GS	1954 04 02.37536	13 53 56.54	-20 16 20.6		6 675	1991 PF ₁₀	1988 10 07.31476	00 59 15.15	+02 42 13.2	16.8	9 675
1990 GS	1954 04 02.39861	13 53 55.16	-20 16 23.5	18.5	6 675	1991 PF ₁₀	1988 10 07.33958	00 59 13.64	+02 42 02.4		9 675
1990 KC	1990 05 25.31024	15 26 27.59	-02 37 31.6		9 675	1991 RG	1988 10 07.40069	02 09 53.16	+15 34 59.4		9 675
1990 KC	1990 05 25.34010	15 26 26.01	-02 37 28.1		9 675	1991 UP ₂	1994 07 12.39167	21 23 42.35	-21 41 02.1	16.0 V	9 675
1990 QE	1994 07 12.39167	21 15 01.32	-18 37 50.0	16.2 V	9 675	1991 UP ₂	1994 07 12.42153	21 23 41.32	-21 41 16.9		9 675
1990 QE	1994 07 12.42153	21 14 59.65	-18 37 38.9		9 675	1991 UP ₂	1994 08 04.33108	21 05 56.07	-24 17 56.6	15.2 V	9 675
1990 QM	1994 10 01.30868	00 56 16.17	+03 14 28.0	16.8 V	9 675	1991 UP ₂	1994 08 04.36181	21 05 54.19	-24 18 08.5		9 675
1990 QM	1994 10 01.33837	00 56 14.43	+03 14 15.1		9 675	1991 UU ₃	1994 08 04.33108	21 13 09.65	-19 30 08.7	15.0 V	9 675
1990 SW ₄	1992 02 04.44306	10 32 17.40	+08 48 28.0	17.5 V	9 675	1991 UU ₃	1994 08 04.36181	21 13 07.86	-19 30 13.7		9 675
1990 SW ₄	1992 02 04.47535	10 32 15.98	+08 48 39.6		9 675	1991 VE ₁	1954 07 02.25069	17 26 18.95	-14 41 16.7		6 675
1990 TJ	1994 11 07.19583	00 59 03.66	+02 00 47.7	16.8 V	9 675	1991 VE ₁	1954 07 02.27569	17 26 17.61	-14 41 11.2	17.5	6 675
1990 TJ	1994 11 07.23438	00 59 02.15	+02 00 45.5		9 675	1992 AN	1994 07 12.39167	21 11 31.61	-20 10 32.0	14.2 V	9 675
1990 TK ₃	1994 11 07.19583	00 42 44.91	+00 25 45.9	15.5 V	9 675	1992 AN	1994 07 12.42153	21 11 31.02	-20 11 14.8		9 675
1990 TK ₃	1994 11 07.23438	00 42 43.17	+00 26 03.9		9 675	1992 AN	1994 08 05.26605	20 58 00.25	-30 52 08.8	14.0 V	9 675
1990 VE ₁	1950 04 20.26736	12 09 27.50	+15 23 41.8	18.5	6 675	1992 AN	1994 08 05.29549	20 57 58.72	-30 52 57.5		9 675
1990 VE ₁	1950 04 20.29549	12 09 26.59	+15 23 46.8		6 675	1992 CZ ₁	1992 02 04.44306	10 26 19.11	+09 13 25.7	15.8 V	9 675
1990 VN ₁	1994 11 07.19583	00 52 17.61	+00 06 01.7	16.5 V	9 675	1992 CZ ₁	1992 02 04.47535	10 26 17.72	+09 13 29.5		9 675
1990 VN ₁	1994 11 07.23438	00 52 16.20	+00 06 06.7		9 675	1992 DV	1992 02 28.40087	11 23 12.28	+08 15 44.3	16.8 V	9 675
1990 VY ₁₃	1989 07 31.45469	23 04 57.78	-11 15 34.2	17.0 V	9 675	1992 DV	1992 02 28.43264	11 23 11.23	+08 16 04.7		9 675
1990 VY ₁₃	1989 07 31.47882	23 04 57.08	-11 15 39.5		9 675	1992 DC ₁	1992 02 28.40087	11 42 12.30	+12 30 13.2	16.8 V	9 675
1990 VY ₁₃	1989 09 02.32031	22 44 12.66	-13 38 12.7	16.5 V	9 675	1992 DC ₁	1992 02 28.43264	11 42 10.80	+12 30 32.0		9 675
1990 VY ₁₃	1989 09 02.35521	22 44 11.00	-13 38 22.6		9 675	1992 EO	1992 02 28.40087	11 31 46.16	+13 05 26.3	16.2 V	9 675
1990 WA ₅	1992 02 28.40087	11 36 28.98	+10 25 06.8	16.2 V	9 675	1992 EO	1992 02 28.43264	11 31 44.45	+13 05 29.1		9 675
1990 WA ₅	1992 02 28.43264	11 36 27.51	+10 25 19.0		9 675	1992 ER	1954 04 02.37535	13 55 10.61	-15 57 20.3		6 675
1990 YA	1953 09 16.37326	00 21 17.07	+12 05 43.5		6 675	1992 ER	1954 04 02.39861	13 55 09.14	-15 57 19.4	17.5	6 675
1990 YA	1953 09 16.39722	00 21 16.01	+12 05 39.7	16.5	6 675	1992 ER	1954 05 23.20729	13 10 03.38	-14 20 01.1		6 675
1991 CN	1989 09 04.36927	00 09 12.22	+00 02 55.2	16.8 V	9 675	1992 ER	1954 05 23.23229	13 10 02.78	-14 19 58.6	18.2	6 675
1991 CN	1989 09 04.40920	00 09 10.07	+00 02 44.7		9 675	1992 EX	1992 02 28.40087	11 29 17.71	+12 03 19.8	16.8 V	9 675
1991 CN	1989 09 29.21771	23 45 12.81	-01 46 25.0	16.5 V	9 675	1992 EX	1992 02 28.43264	11 29 16.33	+12 03 36.8		9 675
1991 CN	1989 09 29.26597	23 45 09.93	-01 46 38.5		9 675	1992 EC ₄	1992 02 04.44306	10 40 47.07	+10 41 05.6	17.5 V	9 675
1991 CX	1989 09 02.47361	00 10 42.21	+05 17 23.0	17.2 V	9 675	1992 EC ₄	1992 02 04.47535	10 40 45.80	+10 41 16.5		9 675
1991 CX	1989 09 30.22656	23 45 33.19	+02 15 09.3	17.2 V	9 675	1992 EP ₄	1992 02 04.44306	10 50 20.93	+11 01 00.9	17.5 V	9 675
1991 DD	1989 09 29.21771	23 49 33.16	-03 40 39.1	17.5 V	9 675	1992 EP ₄	1992 02 04.47535	10 50 19.41	+11 01 12.2		9 675
1991 DD	1989 09 29.26597	23 49 30.47	-03 40 53.9		9 675	1992 EB ₅	1992 02 04.44306	10 38 23.72	+08 10 42.8	16.0 V	9 675
1991 EO ₁	1954 07 29.43090	23 15 17.83	-08 11 08.3	18.2	6 675	1992 EB ₅	1992 02 04.47535	10 38 22.67	+08 10 59.6		9 675
1991 EO ₁	1954 07 29.45555	23 15 17.47	-08 11 13.6		6 675	1992 EW ₇	1992 02 04.47535	10 46 13.18	+05 53 36.6	17.8 V	9 675
1991 FE ₁	1989 11 01.11684	23 11 38.49	-00 06 14.5	16.2 V	9 675	1992 ER ₈	1989 07 31.45469	23 11 05.85	-10 02 56.2	17.0 V	9 675
1991 FE ₁	1989 11 01.19167	23 11 38.85	-00 06 15.5		9 675	1992 ER ₈	1989 07 31.47882	23 11 05.32	-10 03 00.8		9 675
1991 GR	1953 02 14.22708	07 25 10.36	+44 50 17.6	16.8	6 675	1992 ER ₈	1989 09 02.32031	22 49 41.11	-12 34 54.1	16.0 V	9 675
1991 GR	1953 02 14.24931	07 25 09.52	+44 50 09.2		6 675	1992 ER ₈	1989 09 02.35521	22 49 39.34	-12 35 04.4		9 675
1991 GJ ₄	1988 10 07.37465	02 02 53.90	+12 59 31.4	18.2	9 675	1992 EW ₉	1992 02 04.44306	10 46 37.49	+06 30 33.5	16.5 V	9 675
1991 GJ ₄	1988 10 07.40069	02 02 52.72	+12 59 25.5		9 675	1992 EZ ₉	1994 11 07.19583	00 55 42.36	+02 46 31.7	17.2 V	9 675
1991 GM ₉	1988 10 07.37465	02 08 49.12	+10 02 05.8	19.2	9 675	1992 EZ ₉	1994 11 07.23438	00 55 41.02	+02 46 21.6		9 675
1991 GM ₉	1988 10 07.40069	02 08 48.09	+10 01 59.3		9 675	1992 EJ ₂₄	1953 11 11.20451	00 33 50.37	-14 57 40.5		6 675
1991 HC	1954 07 29.43090	23 32 36.89	-10 34 04.4	17.0	6 675	1992 EJ ₂₄	1953 11 11.22847	00 33 50.52	-14 57 32.0	17.5	6 675
1991 HC	1954 07 29.45555	23 32 36.67	-10 34 10.9		6 675	1992 EQ ₂₇	1989 09 29.21771	23 32 30.23	-03 31 53.5	17.8 V	9 675
1991 JU	1955 03 25.25278	09 07 07.99	+28 43 06.5	18.0	6 675	1992 EQ ₂₇	1989 09 29.26597	23 32 28.18	-03 32 07.9		9 675
1991 LE ₂	1988 10 07.40799	02 43 31.51	+03 20 01.9	17.2	9 675	1992 FW ₁	1994 10 01.30868	00 45 07.76	+05 57 19.9	17.0 V	9 675
1991 LE ₂	1988 10 07.43455	02 43 30.52	+03 19 54.3		9 675	1992 FW ₁	1994 10 01.33837	00 45 06.26	+05 56 44.4		9 675
1991 PT ₁	1988 10 07.38160	01 31 53.57	+08 41 07.5	18.8	9 675	1992 HX	1988 10 07.31476	01 03 38.56	+05 15 35.7	17.5	9 675
1991 PJ ₃	1988 10 07.35521	01 16 00.05	+12 32 57.8	17.5	9 675	1992 HX	1988 10 07.33958	01 03 37.34	+05 15 29.0		9 675
1991 PJ ₃	1988 10 07.38160	01 15 58.41	+12 32 51.7		9 675	1992 HR ₄	1954 05 23.24826	14 25 13.11	-03 27 20.2	16.8	6 675

1992 HR ₄	1954 05 23.27199	14 25 12.28	-03 27 20.7		6 675	1993 MG ₁	1989 11 22.17309	01 39 39.69	+30 09 40.0	17.2 V	9 675
1992 HR ₄	1989 07 29.40174	22 41 22.82	-10 14 09.1	16.5 V	9 675	1993 MG ₁	1989 11 22.21059	01 39 38.42	+30 09 14.8		9 675
1992 HR ₄	1989 07 29.43056	22 41 21.89	-10 14 21.6		9 675	1993 OM ₁₀	1988 10 07.35521	01 31 13.47	+07 37 41.7	18.5	9 675
1992 HA ₅	1988 10 07.37465	02 30 36.32	+12 02 55.6	17.5	9 675	1993 PE	1951 02 04.26319	08 13 55.03	+15 46 25.2		6 675
1992 HA ₅	1988 10 07.40069	02 30 35.34	+12 02 50.3		9 675	1993 PE	1951 02 04.28819	08 13 53.51	+15 46 29.2	18.2	6 675
1992 JS ₂	1989 11 01.11684	23 14 15.48	+03 57 19.2	16.8 V	9 675	1993 PB ₇	1988 10 07.35521	01 32 08.47	+09 16 40.7	18.0	9 675
1992 JS ₂	1989 11 01.19167	23 14 15.59	+03 56 47.3		9 675	1993 PB ₇	1988 10 07.38160	01 32 07.27	+09 16 33.1		9 675
1992 MB	1989 09 02.44115	00 01 27.97	+03 03 35.8	15.8 V	9 675	1993 SU ₂	1989 09 30.44931	02 02 02.70	+36 06 48.3		9 675
1992 MB	1989 09 02.47361	00 01 26.80	+03 03 21.7		9 675	1993 SU ₂	1989 09 30.50712	02 02 00.14	+36 06 56.9		9 675
1992 MB	1989 09 04.36927	00 00 17.47	+02 48 49.4	15.5 V	9 675	1993 SY ₃	1955 04 16.30417	14 40 54.46	-14 19 16.8	18.8	6 675
1992 MB	1989 09 04.40920	00 00 15.86	+02 48 30.5		9 675	1993 TN ₂₉	1989 09 02.32031	22 37 43.58	-12 39 48.6	17.0 V	9 675
1992 MB	1989 09 29.21771	23 41 47.46	-00 57 50.1	15.5 V	9 675	1993 TN ₂₉	1989 09 02.35521	22 37 41.88	-12 40 05.2		9 675
1992 MB	1989 09 29.26597	23 41 45.25	-00 58 16.2		9 675	1993 UY	1954 02 11.49931	13 58 44.22	-22 46 58.3	18.0	6 675
1992 PS ₆	1955 05 23.20000	14 12 28.38	-16 34 53.2	17.8	6 675	1993 UY	1954 02 11.52014	13 58 45.24	-22 47 04.1		6 675
1992 PS ₆	1955 05 23.22431	14 12 27.27	-16 34 43.0		6 675	1993 VN	1989 09 04.36927	23 49 34.12	-00 36 00.1	15.5 V	9 675
1992 QL ₂	1992 08 23.27671	21 40 04.30	+01 46 29.4	17.5	9 675	1993 VN	1989 09 04.40920	23 49 32.46	-00 36 16.0		9 675
1992 QL ₂	1992 08 28.27153	21 36 23.90	+01 23 46.0		9 675	1993 VN	1989 09 29.21771	23 32 17.81	-03 21 36.9	15.5 V	9 675
1992 QL ₂	1992 08 28.30625	21 36 22.35	+01 23 37.5		9 675	1993 VN	1989 09 29.26597	23 32 15.90	-03 21 53.8		9 675
1992 RN	1992 10 21.11389	23 06 58.73	+00 54 20.2	16.5 V	9 675	1993 VO	1989 09 02.44115	00 11 45.88	+09 13 54.9	16.2 V	9 675
1992 RN	1992 10 21.14878	23 06 58.16	+00 54 18.8		9 675	1993 VO	1989 09 02.47361	00 11 45.03	+09 13 44.3		9 675
1992 SG ₁	1951 09 08.38958	01 32 06.57	-00 48 55.5	16.8	6 675	1993 VO	1989 09 30.22656	23 54 31.66	+05 27 19.8	15.8 V	9 675
1992 SG ₁	1951 09 08.41736	01 32 06.46	-00 49 16.5		6 675	1993 VO	1989 09 30.26111	23 54 30.15	+05 26 58.0		9 675
1992 ST ₁	1955 11 11.38010	03 55 08.35	+31 17 17.4		6 675	1993 VY ₁	1989 07 31.45469	23 12 03.15	-14 52 50.4	15.8 V	9 675
1992 SF ₁₃	1988 10 07.35521	01 14 58.83	+07 36 20.9	17.0	9 675	1993 VY ₁	1989 07 31.47882	23 12 02.42	-14 52 54.8		9 675
1992 SF ₁₃	1988 10 07.38160	01 14 57.50	+07 36 09.9		9 675	1993 VY ₁	1989 09 02.32031	22 43 26.95	-17 16 44.8	15.8 V	9 675
1992 UQ	1988 10 07.37465	02 19 37.31	+09 43 11.0	17.0	9 675	1993 VY ₁	1989 09 02.35521	22 43 24.56	-17 16 50.3		9 675
1992 UQ	1988 10 07.40069	02 19 36.04	+09 43 01.4		9 675	1993 VK ₂	1951 09 08.44722	03 16 15.15	-01 17 02.4		6 675
1992 VR	1988 10 07.38160	01 36 45.93	+08 49 04.2	18.2	9 675	1993 VK ₂	1951 09 08.47500	03 16 15.51	-01 17 05.7		6 675
1992 WC ₃	1951 11 08.41736	05 52 11.29	+21 28 01.5		6 675	1993 VU ₅	1989 07 31.45469	23 04 17.80	-12 54 04.3	17.0 V	9 675
1992 WC ₃	1954 09 28.27708	23 07 59.13	-18 25 29.0		6 675	1993 VU ₅	1989 09 02.32031	22 35 33.14	-14 48 22.9	16.2 V	9 675
1992 WC ₃	1954 09 28.30556	23 07 58.05	-18 25 28.7	16.5	6 675	1993 VU ₅	1989 09 02.35521	22 35 30.95	-14 48 28.7		9 675
1992 YL	1953 12 10.45000	08 40 36.62	+30 12 10.3	17.8	6 675	1993 WE	1988 10 07.35521	01 18 17.01	+10 49 43.5	18.5	9 675
1992 YL	1953 12 10.47396	08 40 36.23	+30 12 20.1		6 675	1994 AQ ₁	1992 10 21.11389	23 26 38.98	+00 20 13.4	17.0 V	9 675
1993 BJ	1988 10 07.32257	01 04 40.25	+16 41 49.7	15.8	9 675	1994 AQ ₁	1992 10 21.14878	23 26 38.08	+00 20 07.0		9 675
1993 BJ	1988 10 07.34757	01 04 38.65	+16 41 43.9		9 675	1994 AK ₁₅	1955 11 11.37431	04 05 53.77	+33 33 58.5		6 675
1993 BX ₁₃	1988 10 07.31476	00 48 15.39	+03 30 12.2	16.0	9 675	1994 EE ₁	1951 11 08.39236	05 32 54.09	+23 09 57.5	17.5	6 675
1993 BX ₁₃	1988 10 07.33958	00 48 14.08	+03 29 58.6		9 675	1994 EE ₁	1951 11 08.41736	05 32 53.11	+23 10 01.9		6 675
1993 DQ ₂	1955 04 16.30417	14 28 11.40	-09 43 53.4	18.0	6 675	1994 EE ₁	1954 07 29.43090	23 20 54.11	-14 04 22.1	16.8	6 675
1993 DQ ₂	1955 04 16.32917	14 28 10.33	-09 43 46.7		6 675	1994 EE ₁	1954 07 29.45555	23 20 54.31	-14 04 28.1		6 675
1993 FQ ₂	1991 12 02.16603	02 59 27.50	+24 56 40.2	17.0 V	9 675	1994 GF ₉	1988 10 07.37465	02 22 55.12	+14 30 14.7	18.8	9 675
1993 FQ ₂	1991 12 02.19670	02 59 25.83	+24 56 37.4		9 675	1994 GF ₉	1988 10 07.40069	02 22 54.03	+14 30 09.9		9 675
1993 FZ ₃₅	1989 07 29.43056	22 58 15.84	-08 53 53.8	16.8 V	9 675	1994 NS	1988 10 07.35521	01 35 23.15	+10 43 01.9	17.5	9 675
1993 FZ ₃₅	1989 07 31.45469	22 57 35.82	-09 00 57.6	16.8 V	9 675	1994 NS	1988 10 07.38160	01 35 21.48	+10 42 45.2		9 675
1993 FZ ₃₅	1989 07 31.47882	22 57 35.22	-09 01 02.5		9 675	1994 PB	1989 09 02.44115	00 03 52.21	+10 11 10.3	16.5 V	9 675
1993 FZ ₃₅	1989 09 02.32031	22 37 38.41	-11 39 39.9	16.2 V	9 675	1994 PB	1989 09 02.47361	00 03 51.03	+10 11 04.3		9 675
1993 FZ ₃₅	1989 09 02.35521	22 37 36.82	-11 39 50.2		9 675	1994 PB	1989 09 30.22656	23 44 30.39	+07 43 19.5	16.2 V	9 675
1993 FL ₈₄	1994 11 07.19583	01 00 15.85	-00 54 03.1	15.8 V	9 675	1994 PB	1989 09 30.26111	23 44 28.95	+07 43 05.2		9 675
1993 FL ₈₄	1994 11 07.23438	01 00 15.02	-00 54 15.3		9 675	1994 PC ₁₉	1992 02 04.44306	10 33 10.90	+09 24 56.5	16.8 V	9 675
1993 HM ₁	1950 06 13.30729	16 28 14.20	+01 41 51.8		6 675	1994 PC ₁₉	1992 02 04.47535	10 33 09.75	+09 25 03.5		9 675
1993 HM ₁	1950 06 13.33333	16 28 12.91	+01 41 43.5	17.2	6 675	1994 SE ₂	1994 10 01.30868	00 55 44.77	+01 48 50.2	17.0 V	9 675
1993 MG ₁	1989 09 30.44931	02 29 38.47	+36 52 46.5		9 675	1994 SE ₂	1994 10 01.33837	00 55 42.83	+01 48 43.1		9 675
1993 MG ₁	1989 09 30.50712	02 29 35.48	+36 52 45.0		9 675	1994 TH ₂	1994 11 07.19583	00 48 38.28	+01 23 34.9	16.8 V	9 675

1994 TH ₂	1994 11 07.23438	00 48 37.17	+01 23 29.8		9 675	2503 P-L	1960 10 25.37570	00 19 14.63	+06 28 51.3		4 675
1994 TJ ₂	1994 11 07.19583	00 51 54.70	-01 26 35.3	16.8 V	9 675	2503 P-L	1960 10 26.36840	00 18 24.11	+06 30 10.9		4 675
1994 TJ ₂	1994 11 07.23438	00 51 53.86	-01 26 39.9		9 675	2503 P-L	1989 11 28.44601	05 43 49.62	+47 12 12.8	16.8 V	9 675
1994 TM ₂	1994 11 07.19583	00 49 25.73	-00 57 15.2	16.5 V	9 675	2503 P-L	1989 11 28.49410	05 43 46.17	+47 12 31.4		9 675
1994 TM ₂	1994 11 07.23438	00 49 24.38	-00 57 18.9		9 675	2503 P-L	1993 11 16.43108	04 42 10.21	+44 07 58.5	16.8 V	9 675
1994 TW ₁₅	1994 10 01.30868	00 52 24.75	+09 26 49.2	16.5 V	9 675	2503 P-L	1993 11 16.46858	04 42 07.56	+44 08 12.4		9 675
1994 TW ₁₅	1994 10 01.33837	00 52 23.35	+09 26 36.2		9 675	2503 P-L	1993 12 13.39323	04 06 44.34	+44 57 11.9	16.5 V	9 675
1994 TG ₁₇	* 1994 10 01.30868	01 01 47.36	+03 34 54.5	16.8 V	9 675	2503 P-L	1993 12 13.42240	04 06 42.14	+44 57 07.7		9 675
1994 TG ₁₇	1994 10 01.33837	01 01 46.02	+03 34 45.6		9 675	2546 P-L	1989 09 29.21771	23 29 20.12	+00 21 44.7	17.5 V	9 675
1994 UF	1994 10 01.30868	00 40 47.28	+05 26 30.3	15.5 V	9 675	2546 P-L	1989 09 29.26597	23 29 17.98	+00 21 11.7		9 675
1994 UF	1994 10 01.33837	00 40 46.52	+05 25 54.8		9 675	2558 P-L	1988 10 07.37465	02 27 00.91	+16 10 43.4	18.2	9 675
1994 UH	1995 04 16.30417	14 32 21.01	-11 01 38.5	18.5	6 675	2558 P-L	1988 10 07.40069	02 26 59.90	+16 10 40.0		9 675
1994 UZ ₁₂	1988 10 07.40799	02 29 13.83	+05 13 32.7	17.8	9 675	2714 P-L	* 1960 09 24.46184	00 52 08.43	+05 31 16.9	19.3	4 675
1994 UZ ₁₂	1988 10 07.43455	02 29 12.84	+05 13 25.1		9 675	2714 P-L	1960 09 26.37988	00 50 20.53	+05 21 57.0		4 675
1994 WQ ₁	1954 07 29.43090	23 10 19.70	-09 27 22.0	18.5	6 675	2714 P-L	1960 09 28.43822	00 48 21.23	+05 11 34.2		4 675
1994 WQ ₁	1954 07 29.45555	23 10 19.13	-09 27 26.4		6 675	2714 P-L	1960 09 29.39514	00 47 24.87	+05 06 39.2		4 675
1994 WH ₃	1988 10 07.35521	01 25 28.23	+05 34 29.7	16.5	9 675	2714 P-L	1960 10 22.26809	00 24 47.08	+03 06 35.2		4 675
1994 YT	1989 07 29.40174	22 41 17.98	-05 11 10.6	17.2 V	9 675	2714 P-L	1960 10 26.35766	00 21 21.86	+02 48 39.4		4 675
1994 YT	1989 07 29.43056	22 41 16.88	-05 11 14.5		9 675	2777 P-L	1951 02 04.28819	08 21 04.96	+16 57 02.3	18.2	6 675
1995 CM ₁	1989 09 29.21771	23 15 44.06	-02 51 48.4	16.2 V	9 675	4015 P-L	1994 10 01.30868	00 37 34.77	+07 14 32.3	17.0 V	9 675
1995 CM ₁	1989 09 29.26597	23 15 41.33	-02 51 47.9		9 675	4015 P-L	1994 10 01.33837	00 37 33.05	+07 14 23.1		9 675
1995 CE ₂	1989 11 28.44601	05 56 36.88	+46 33 09.6	16.5 V	9 675	4030 P-L	* 1960 09 24.37573	00 32 09.28	+08 14 56.7	17.5	4 675
1995 CE ₂	1989 11 28.49410	05 56 33.06	+46 32 57.3		9 675	4030 P-L	1960 09 25.42780	00 31 17.33	+08 10 07.1		4 675
1995 DD ₂	1988 10 07.40799	02 17 40.47	+02 45 57.1	17.5	9 675	4030 P-L	1960 09 26.30558	00 30 34.13	+08 06 01.5		4 675
1995 DD ₂	1988 10 07.43455	02 17 39.38	+02 45 44.4		9 675	4030 P-L	1960 09 28.36808	00 28 51.16	+07 56 09.1		4 675
1995 SE ₄	1991 12 02.16603	02 58 44.95	+29 37 23.9	16.8 V	9 675	4030 P-L	1960 10 17.27085	00 14 04.04	+06 19 27.0		4 675
1995 SE ₄	1991 12 02.19670	02 58 43.48	+29 37 03.2		9 675	4030 P-L	1960 10 17.30420	00 14 02.57	+06 19 16.5		4 675
1995 SV ₅₂	1992 02 04.44306	10 45 56.22	+09 44 05.6	17.2 V	9 675	4030 P-L	1960 10 22.22293	00 10 58.62	+05 55 54.8		4 675
1995 SV ₅₂	1992 02 04.47535	10 45 54.98	+09 44 17.3		9 675	4030 P-L	1960 10 24.35836	00 09 47.72	+05 46 25.6		4 675
1995 WL ₇	1994 08 04.33108	21 04 27.09	-25 30 25.9	15.8 V	9 675	4030 P-L	1960 10 26.32573	00 08 48.29	+05 38 08.2		4 675
1995 WL ₇	1994 08 04.36181	21 04 25.36	-25 30 36.2		9 675	4047 P-L	1988 10 07.38160	01 06 24.87	+09 10 04.5	18.5	9 675
1995 WL ₇	1994 08 05.26605	21 03 38.94	-25 35 32.8	16.0 V	9 675	4517 P-L	1988 10 07.35521	01 27 39.44	+11 38 18.7	16.2	9 675
1995 WU ₄₁	1989 11 01.11684	23 15 28.86	+05 22 56.2	16.0 V	9 675	4517 P-L	1988 10 07.38160	01 27 37.63	+11 38 17.8		9 675
1995 WU ₄₁	1989 11 01.19167	23 15 29.20	+05 22 21.7		9 675	6064 P-L	* 1960 09 24.33613	00 07 05.80	+04 26 23.8	18.2	4 675
1995 XB	1989 09 02.32031	22 33 26.01	-13 42 13.1	16.5 V	9 675	6064 P-L	1960 09 25.32502	00 06 20.82	+04 17 54.0		4 675
1995 XB	1989 09 02.35521	22 33 24.20	-13 42 20.7		9 675	6064 P-L	1960 09 26.27573	00 05 37.54	+04 09 42.2		4 675
1995 YO	1954 09 28.27708	23 06 32.98	-19 31 20.9		6 675	6064 P-L	1960 09 28.32780	00 04 04.07	+03 51 53.1		4 675
1995 YO	1954 09 28.30556	23 06 32.03	-19 31 23.5	18.2	6 675	6064 P-L	1960 10 17.21390	23 51 09.13	+01 11 25.3		4 675
1996 CR ₇	1992 02 28.40087	11 40 14.46	+11 00 29.4	16.8 V	9 675	6064 P-L	1960 10 22.15559	23 48 35.15	+00 34 10.9		4 675
1996 CR ₇	1992 02 28.43264	11 40 12.97	+11 00 48.9		9 675	6064 P-L	1960 10 24.18787	23 47 40.08	+00 19 49.0		4 675
1996 DF ₁	1989 07 29.40174	22 41 08.72	-08 07 22.3	16.8 V	9 675	6064 P-L	1960 10 26.26113	23 46 49.11	+00 05 48.4		4 675
1996 DN ₁	1950 08 14.42361	02 02 11.51	+12 59 38.4	18.2	6 675	6064 P-L	1988 10 07.31476	00 47 14.82	+05 13 09.3	17.5	9 675
1996 DN ₁	1950 08 14.45104	02 02 12.29	+12 59 44.4		6 675	6071 P-L	1988 10 07.31476	00 52 47.43	+06 18 19.7	17.8	9 675
1996 EY	1992 02 04.44306	10 38 35.08	+07 44 49.0	17.2 V	9 675	6071 P-L	1988 10 07.33958	00 52 46.21	+06 18 09.2		9 675
1996 EY	1992 02 04.47535	10 38 33.46	+07 44 57.4		9 675	6097 P-L	1989 07 29.40174	22 28 08.30	-07 40 28.4	17.2 V	9 675
1996 EW ₁	1988 10 07.37465	02 15 10.54	+15 40 28.4	17.8	9 675	6097 P-L	1989 07 29.43056	22 28 07.55	-07 40 30.5		9 675
1996 EW ₁	1988 10 07.40069	02 15 09.41	+15 40 23.2		9 675	9575 P-L	1951 11 08.39236	05 58 42.27	+22 31 31.6	18.5	6 675
2503 P-L	* 1960 09 26.37988	00 50 05.61	+06 00 05.9	17.4	4 675	9575 P-L	1951 11 08.41736	05 58 41.82	+22 31 34.6		6 675
2503 P-L	1960 09 28.43822	00 47 50.17	+06 02 35.1		4 675	9575 P-L	1951 12 27.31181	05 08 35.03	+23 37 59.6		6 675
2503 P-L	1960 09 29.39514	00 46 46.40	+06 03 42.6		4 675	1217 T-1	1989 09 02.47361	00 13 29.43	+02 52 47.7	16.8 V	9 675
2503 P-L	1960 10 17.30420	00 26 55.68	+06 20 01.7		4 675	1251 T-1	1989 07 31.45469	22 58 24.78	-11 31 07.1	17.0 V	9 675
2503 P-L	1960 10 22.27920	00 22 01.63	+06 25 05.4		4 675	1251 T-1	1989 07 31.47882	22 58 24.13	-11 31 08.2		9 675

3212 T-1	1955 05 23.20000	14 12 10.82	-17 41 33.4	18.0	6 675	5469 T-2	1954 05 23.20730	13 19 11.27	-15 00 17.0	6 675
3306 T-1	1994 10 01.33837	00 43 06.84	+02 44 47.1	17.0 V	9 675	5469 T-2	1954 05 23.23229	13 19 10.79	-15 00 07.5	18.2 6 675
4034 T-1	1951 02 04.26319	07 55 20.70	+16 51 40.4		6 675	1080 T-3	1992 02 04.47535	10 28 51.11	+11 22 23.2	16.2 V 9 675
4034 T-1	1951 02 04.28819	07 55 19.38	+16 51 45.7	18.0	6 675	2078 T-3	1989 09 04.36927	23 44 21.22	-00 14 10.8	16.5 V 9 675
4177 T-1	1990 01 26.29965	09 06 39.99	+25 24 09.2	16.5 V	9 675	2078 T-3	1989 09 04.40920	23 44 19.04	-00 14 18.6	9 675
4177 T-1	1990 01 26.33333	09 06 37.50	+25 24 17.9		9 675	2078 T-3	1989 09 29.21771	23 21 53.86	-01 39 56.6	16.8 V 9 675
4177 T-1	1990 02 20.18003	08 39 06.88	+26 20 41.0	17.0 V	9 675	2078 T-3	1989 09 29.26597	23 21 51.37	-01 40 07.5	9 675
4177 T-1	1990 02 20.21111	08 39 05.16	+26 20 41.1		9 675	2390 T-3	1988 10 07.31476	00 51 24.88	+05 22 17.7	16.8 9 675
4192 T-1	1951 11 08.39236	05 58 32.35	+24 49 46.9	18.8	6 675	2390 T-3	1988 10 07.33958	00 51 23.29	+05 22 13.1	9 675
4192 T-1	1951 11 08.41736	05 58 31.65	+24 49 48.5		6 675	2390 T-3	1990 01 26.29965	09 01 04.57	+29 09 28.5	16.8 V 9 675
4192 T-1	1954 07 29.43090	23 24 55.40	-10 39 26.7	17.2	6 675	2390 T-3	1990 01 26.33333	09 01 02.27	+29 09 37.2	9 675
4192 T-1	1954 07 29.45555	23 24 55.25	-10 39 30.9		6 675	2390 T-3	1990 02 20.21111	08 33 46.16	+29 43 32.5	9 675
1045 T-2	1955 04 16.30417	14 23 53.86	-11 15 54.5	18.5	6 675	2416 T-3	1988 10 07.35521	01 20 34.65	+11 02 13.5	17.0 9 675
1045 T-2	1955 04 16.32917	14 23 52.52	-11 15 43.4		6 675	2416 T-3	1988 10 07.38160	01 20 33.17	+11 02 04.3	9 675
1218 T-2	1988 10 07.31476	00 44 39.62	+03 39 18.3	17.2	9 675	3186 T-3	1988 10 07.37465	02 12 31.50	+09 49 03.5	17.0 9 675
1218 T-2	1988 10 07.33958	00 44 38.11	+03 39 09.3		9 675	3186 T-3	1988 10 07.40069	02 12 30.41	+09 49 00.6	9 675
1281 T-2	1994 11 07.19583	00 56 49.95	+01 33 27.8	17.8 V	9 675	3220 T-3	1988 10 07.31476	00 45 37.91	+04 31 59.3	18.5 9 675
1281 T-2	1994 11 07.23438	00 56 48.71	+01 33 07.5		9 675	3220 T-3	1988 10 07.33958	00 45 36.81	+04 31 50.8	9 675
1324 T-2	1954 05 23.20729	13 11 10.85	-10 20 38.8		6 675	3398 T-3	1994 11 07.19583	00 48 59.31	+01 35 44.3	16.8 V 9 675
1324 T-2	1954 05 23.23229	13 11 10.34	-10 20 39.3	17.8	6 675	3398 T-3	1994 11 07.23438	00 48 58.15	+01 35 38.8	9 675
1355 T-2	1992 02 04.47535	10 24 52.27	+10 25 34.5	17.5 V	9 675	3474 T-3	1954 07 29.43090	23 15 55.80	-09 56 56.5	19.0 6 675
2144 T-2	1989 09 29.21771	23 17 08.31	-04 54 57.0	17.5 V	9 675	3474 T-3	1954 07 29.45555	23 15 55.13	-09 57 02.1	6 675
2144 T-2	1989 09 29.26597	23 17 05.90	-04 55 03.7		9 675	4195 T-3	1988 10 07.40799	02 39 46.38	+05 29 35.8	18.2 9 675
2155 T-2	1994 10 01.30868	00 52 00.40	+04 39 07.8	17.2 V	9 675	4195 T-3	1988 10 07.43455	02 39 45.22	+05 29 21.8	9 675
2155 T-2	1994 10 01.33837	00 51 58.72	+04 38 52.4		9 675	5170 T-3	1992 02 04.44306	10 45 32.87	+06 24 04.2	16.0 V 9 675
2280 T-2	1989 09 29.21771	23 23 33.04	-03 55 11.8	17.5 V	9 675	5170 T-3	1992 02 04.47535	10 45 31.93	+06 24 21.0	9 675
2280 T-2	1989 09 29.26597	23 23 30.52	-03 55 31.9		9 675	(27)	1950 08 14.42361	02 18 28.12	+11 41 00.8	6 675
3285 T-2	1951 09 08.38958	01 32 23.88	+03 17 17.2	17.5	6 675	(27)	1950 08 14.45104	02 18 29.50	+11 41 09.1	6 675
3285 T-2	1951 09 08.41736	01 32 23.66	+03 17 16.1		6 675	(31)	1994 11 07.19583	00 49 03.26	-01 57 52.7	9 675
3297 T-2	1988 10 07.35521	01 33 27.42	+07 13 48.6	18.5	9 675	(31)	1994 11 07.23438	00 49 01.27	-01 57 40.4	9 675
3297 T-2	1988 10 07.38160	01 33 25.75	+07 13 42.9		9 675	(47)	1994 10 01.30868	00 52 03.94	+06 53 30.2	9 675
4090 T-2	1973 09 19.22500	00 36 13.95	-02 46 22.9		4 675	(47)	1994 10 01.33837	00 52 02.35	+06 53 24.3	9 675
4090 T-2	1973 09 19.27865	00 36 10.98	-02 46 44.8		4 675	(48)	1989 09 04.36927	23 50 15.00	+00 57 27.8	9 675
4090 T-2	1973 09 20.30278	00 35 17.12	-02 53 08.6		4 675	(48)	1989 09 04.40920	23 50 13.43	+00 57 13.8	9 675
4090 T-2	1973 09 24.38750	00 31 37.63	-03 18 28.0		4 675	(48)	1989 09 29.21771	23 33 25.88	-01 39 18.6	9 675
4090 T-2	1973 09 24.45434	00 31 33.85	-03 18 52.6		4 675	(48)	1989 09 29.26597	23 33 23.95	-01 39 36.9	9 675
4090 T-2	1973 09 25.28125	00 30 49.14	-03 23 56.5		4 675	(57)	1988 10 07.35521	01 10 32.78	+08 20 52.0	9 675
4090 T-2	1973 09 25.34601	00 30 45.42	-03 24 18.6		4 675	(57)	1988 10 07.38160	01 10 31.67	+08 20 37.7	9 675
4090 T-2	* 1973 09 29.29219	00 27 09.80	-03 47 43.1	19.1	4 675	(63)	1954 04 02.37536	13 37 13.53	-17 36 42.5	6 675
4090 T-2	1973 09 29.35694	00 27 06.12	-03 48 06.3		4 675	(63)	1954 04 02.39861	13 37 12.21	-17 36 41.1	6 675
4090 T-2	1973 09 30.24826	00 26 17.53	-03 53 09.4		4 675	(76)	1950 08 14.42361	01 54 59.11	+12 34 53.9	6 675
4090 T-2	1973 09 30.31476	00 26 13.71	-03 53 31.9		4 675	(76)	1950 08 14.45104	01 54 59.65	+12 34 55.9	6 675
4090 T-2	1973 10 04.32708	00 22 37.25	-04 15 27.7		4 675	(89)	1989 11 28.44601	05 30 22.17	+45 14 12.2	9 675
4090 T-2	1973 10 04.38889	00 22 33.93	-04 15 47.7		4 675	(89)	1989 11 28.49410	05 30 18.40	+45 14 05.2	9 675
4129 T-2	1994 10 01.30868	00 58 29.99	+03 25 01.6	17.2 V	9 675	(89)	1993 11 16.43108	04 37 28.97	+47 06 03.9	9 675
4129 T-2	1994 10 01.33837	00 58 28.06	+03 24 53.0		9 675	(89)	1993 11 16.46858	04 37 26.07	+47 05 59.8	9 675
5162 T-2	1989 09 02.44115	00 02 13.85	+09 12 57.9	16.5 V	9 675	(89)	1993 12 13.39323	04 03 28.11	+44 15 26.7	9 675
5162 T-2	1989 09 02.47361	00 02 12.53	+09 12 56.7		9 675	(89)	1993 12 13.42240	04 03 26.25	+44 15 08.7	9 675
5162 T-2	1989 09 30.22656	23 40 21.37	+08 03 55.8	16.0 V	9 675	(90)	1994 08 04.33108	21 23 58.39	-18 40 54.1	9 675
5162 T-2	1989 09 30.26111	23 40 19.77	+08 03 48.2		9 675	(90)	1994 08 04.36181	21 23 56.93	-18 41 00.9	9 675
5469 T-2	1954 04 02.37536	13 57 28.93	-21 22 18.3		6 675	(94)	1991 12 02.16603	03 05 54.72	+27 33 50.6	9 675
5469 T-2	1954 04 02.39861	13 57 27.54	-21 22 11.7	17.8	6 675	(94)	1991 12 02.19670	03 05 53.20	+27 33 45.3	9 675

(134)	1992 10 21.11389	23 10 22.59	+00 36 32.2	9 675	(359)	1994 10 01.33837	01 02 39.94	+08 14 40.6	9 675
(134)	1992 10 21.14878	23 10 21.57	+00 36 33.2	9 675	(382)	1991 12 02.16603	02 48 01.04	+26 25 49.8	9 675
(159)	1989 07 31.45469	23 02 23.73	-09 04 11.1	9 675	(382)	1991 12 02.19670	02 47 59.77	+26 25 41.7	9 675
(159)	1989 07 31.47882	23 02 23.15	-09 04 16.9	9 675	(385)	1992 10 21.11389	23 03 48.78	-01 30 27.6	9 675
(159)	1989 09 02.32031	22 42 35.54	-12 01 46.4	9 675	(385)	1992 10 21.14878	23 03 47.83	-01 30 29.0	9 675
(159)	1989 09 02.35521	22 42 34.00	-12 01 57.7	9 675	(385)	1993 11 16.43108	04 31 16.75	+41 50 24.0	9 675
(161)	1991 12 02.16603	03 06 05.00	+27 29 11.0	9 675	(385)	1993 11 16.46858	04 31 14.28	+41 50 27.2	9 675
(161)	1991 12 02.19670	03 06 03.11	+27 29 06.2	9 675	(385)	1993 12 13.42240	04 00 50.13	+41 09 09.2	9 675
(167)	1951 02 04.26319	08 13 50.20	+17 41 37.9	6 675	(400)	1954 11 04.47500	06 34 42.59	+35 28 09.7	6 675
(167)	1951 02 04.28819	08 13 48.89	+17 41 43.4	6 675	(400)	1954 11 04.49826	06 34 42.36	+35 28 12.9	6 675
(168)	1988 10 07.35521	01 30 08.84	+10 13 05.4	9 675	(410)	1955 03 25.25278	09 01 18.69	+28 03 54.4	6 675
(168)	1988 10 07.38160	01 30 07.75	+10 12 57.1	9 675	(427)	1951 02 04.26319	08 05 38.13	+19 39 53.3	6 675
(177)	1951 11 08.39236	05 59 28.63	+25 39 54.2	6 675	(427)	1951 02 04.28819	08 05 36.87	+19 39 55.1	6 675
(177)	1951 11 08.41736	05 59 28.14	+25 39 54.8	6 675	(434)	1982 09 14.39444	22 55 29.88	-00 03 57.6	9 675
(186)	1988 10 07.35521	01 25 18.44	+11 01 38.9	9 675	(434)	1982 09 14.41528	22 55 28.94	-00 04 31.0	9 675
(186)	1988 10 07.38160	01 25 16.48	+11 01 42.3	9 675	(443)	1950 08 14.45104	02 19 07.89	+12 23 19.7	6 675
(192)	1954 05 24.18715	12 38 31.96	-11 09 46.0	6 675	(450)	1990 02 20.18003	08 21 39.85	+32 41 37.6	9 675
(192)	1954 05 24.21146	12 38 31.51	-11 09 42.6	6 675	(450)	1990 02 20.21111	08 21 38.48	+32 41 36.5	9 675
(204)	1988 10 07.35521	01 08 31.47	+09 15 34.2	9 675	(460)	1994 10 01.30868	00 53 16.88	+07 39 33.6	9 675
(204)	1988 10 07.38160	01 08 30.17	+09 15 21.5	9 675	(460)	1994 10 01.33837	00 53 15.43	+07 39 20.8	9 675
(218)	1989 09 04.36927	23 55 23.05	-01 12 57.8	9 675	(461)	1988 10 07.37465	02 36 00.76	+13 26 39.3	9 675
(218)	1989 09 04.40920	23 55 21.36	-01 13 21.7	9 675	(461)	1988 10 07.40069	02 35 59.86	+13 26 34.4	9 675
(218)	1989 09 29.21771	23 37 20.99	-05 22 03.6	9 675	(468)	1988 10 07.37465	02 16 52.89	+13 46 53.2	9 675
(218)	1989 09 29.26597	23 37 18.91	-05 22 30.7	9 675	(468)	1988 10 07.40069	02 16 51.84	+13 46 48.3	9 675
(255)	1990 01 26.29965	09 09 08.99	+30 54 23.9	9 675	(475)	1953 02 14.24931	07 38 31.70	+47 13 21.0	6 675
(255)	1990 01 26.33333	09 09 06.81	+30 54 30.6	9 675	(494)	1994 08 05.26605	21 19 09.35	-27 02 05.5	9 675
(255)	1990 02 20.18003	08 43 57.25	+31 16 32.7	9 675	(494)	1994 08 05.29549	21 19 07.79	-27 02 13.1	9 675
(255)	1990 02 20.21111	08 43 55.57	+31 16 30.1	9 675	(502)	1951 02 04.26319	08 09 40.52	+15 06 56.7	6 675
(283)	1982 09 14.39444	22 36 31.57	+00 11 59.4	9 675	(502)	1951 02 04.28819	08 09 39.16	+15 07 31.0	6 675
(283)	1982 09 14.41528	22 36 30.56	+00 11 55.9	9 675	(526)	1992 02 04.44306	10 53 19.53	+07 57 33.5	9 675
(300)	1988 10 07.35521	01 12 54.63	+07 12 31.8	9 675	(526)	1992 02 04.47535	10 53 18.43	+07 57 41.5	9 675
(300)	1988 10 07.38160	01 12 53.45	+07 12 24.8	9 675	(541)	1955 03 24.40833	14 53 13.39	-23 54 12.2	6 675
(305)	1992 10 21.11389	23 23 53.51	-00 51 42.3	9 675	(545)	1994 08 04.33108	21 22 39.46	-21 55 27.7	9 675
(305)	1992 10 21.14878	23 23 52.67	-00 51 51.4	9 675	(545)	1994 08 04.36181	21 22 37.73	-21 55 27.1	9 675
(318)	1989 09 04.36927	23 58 54.47	-03 27 40.0	9 675	(566)	1951 11 08.39236	05 37 14.05	+22 23 42.4	6 675
(318)	1989 09 04.40920	23 58 53.02	-03 27 56.9	9 675	(566)	1951 11 08.41736	05 37 13.46	+22 23 42.8	6 675
(318)	1989 09 29.21771	23 42 50.48	-06 21 15.6	9 675	(566)	1994 11 07.19583	00 55 24.87	-00 26 59.4	9 675
(318)	1989 09 29.26597	23 42 48.56	-06 21 35.6	9 675	(566)	1994 11 07.23438	00 55 23.71	-00 27 01.2	9 675
(328)	1988 10 07.32257	01 09 18.91	+19 41 30.5	9 675	(580)	1951 11 08.39236	05 42 53.32	+21 04 30.9	6 675
(328)	1988 10 07.34757	01 09 17.46	+19 41 30.9	9 675	(580)	1951 11 08.41736	05 42 52.71	+21 04 31.1	6 675
(328)	1990 02 20.18003	08 41 22.03	+34 13 21.7	9 675	(591)	1982 09 14.39444	22 56 25.85	-02 42 51.7	9 675
(328)	1990 02 20.21111	08 41 20.42	+34 13 13.3	9 675	(591)	1982 09 14.41528	22 56 24.70	-02 42 54.9	9 675
(335)	1992 02 28.40087	11 33 08.83	+05 40 25.5	9 675	(600)	1989 07 29.40174	22 44 06.96	-10 06 59.6	9 675
(335)	1992 02 28.43264	11 33 07.21	+05 40 40.1	9 675	(600)	1989 07 29.43056	22 44 06.17	-10 07 11.9	9 675
(339)	1990 05 25.31024	15 27 09.54	-05 26 07.2	9 675	(600)	1989 09 02.32031	22 20 19.33	-14 58 40.4	9 675
(339)	1990 05 25.34010	15 27 08.15	-05 26 01.6	9 675	(600)	1989 09 02.35521	22 20 17.68	-14 58 57.2	9 675
(344)	1988 10 07.40799	02 32 15.95	+03 25 02.9	9 675	(629)	1988 10 07.40799	02 36 50.72	+03 16 27.9	9 675
(344)	1988 10 07.43455	02 32 14.23	+03 25 03.4	9 675	(629)	1988 10 07.43455	02 36 49.72	+03 16 22.5	9 675
(346)	1994 07 12.39167	21 05 16.04	-24 06 59.7	9 675	(635)	1990 05 25.31024	15 14 38.92	-05 54 02.7	9 675
(346)	1994 07 12.42153	21 05 14.80	-24 07 11.7	9 675	(635)	1990 05 25.34010	15 14 37.68	-05 53 56.7	9 675
(346)	1994 08 05.26605	20 46 05.51	-26 42 20.2	9 675	(655)	1992 02 28.40087	11 21 47.00	+09 59 26.8	9 675
(359)	1994 10 01.30868	01 02 41.64	+08 14 43.1	9 675	(655)	1992 02 28.43264	11 21 45.57	+09 59 38.6	9 675

(661)	1989 09 02.44115	23 57 12.24	+04 15 04.0	9 675	(882)	1954 05 23.20729	13 17 40.78	-14 15 59.6	6 675
(661)	1989 09 02.47361	23 57 10.77	+04 15 00.8	9 675	(882)	1954 05 23.23229	13 17 40.12	-14 15 53.5	6 675
(661)	1989 09 30.22656	23 35 04.90	+03 04 22.5	9 675	(884)	1953 09 16.39722	00 34 45.61	+14 45 55.3	6 675
(661)	1989 09 30.26111	23 35 03.31	+03 04 16.4	9 675	(887)	1953 11 11.20451	00 21 06.55	-19 10 33.4	6 675
(661)	1989 11 01.11684	23 18 10.57	+01 51 38.3	9 675	(887)	1953 11 11.22847	00 21 05.67	-19 10 27.0	6 675
(661)	1989 11 01.19167	23 18 09.60	+01 51 34.3	9 675	(921)	1953 09 16.37326	00 19 49.48	+12 34 18.6	6 675
(674)	1988 10 07.40799	02 18 38.58	+01 31 48.1	9 675	(921)	1953 09 16.39722	00 19 48.34	+12 34 08.8	6 675
(674)	1988 10 07.43455	02 18 37.29	+01 31 46.1	9 675	(924)	1992 02 04.44306	10 48 26.86	+08 06 24.9	9 675
(684)	1989 09 02.44115	00 20 46.49	+05 30 00.0	9 675	(924)	1992 02 04.47535	10 48 25.69	+08 06 36.1	9 675
(684)	1989 09 02.47361	00 20 45.03	+05 29 56.9	9 675	(934)	1955 03 24.35903	13 05 23.49	-23 47 07.8	6 675
(684)	1989 09 30.22656	23 55 34.77	+04 03 34.4	9 675	(934)	1955 03 24.38403	13 05 22.13	-23 47 06.2	6 675
(684)	1989 09 30.26111	23 55 32.78	+04 03 26.3	9 675	(938)	1988 10 07.37465	02 26 28.22	+10 10 16.1	9 675
(717)	1992 02 04.44306	10 53 04.32	+07 31 45.8	9 675	(938)	1988 10 07.40069	02 26 27.18	+10 10 11.1	9 675
(717)	1992 02 04.47535	10 53 03.15	+07 31 51.9	9 675	(965)	1989 11 28.44601	05 34 35.49	+45 16 14.8	9 675
(720)	1951 11 08.39236	05 50 29.02	+25 27 48.8	6 675	(965)	1989 11 28.49410	05 34 32.36	+45 16 52.4	9 675
(720)	1951 11 08.41736	05 50 28.39	+25 27 50.0	6 675	(967)	1951 12 27.28264	05 11 30.94	+23 22 08.7	6 675
(720)	1992 02 04.44306	10 34 38.23	+12 29 41.1	9 675	(967)	1951 12 27.31181	05 11 28.95	+23 22 10.8	6 675
(720)	1992 02 04.47535	10 34 36.86	+12 29 48.8	9 675	(968)	1950 08 14.42361	01 55 07.80	+15 49 21.6	6 675
(749)	1954 09 28.27708	23 07 21.30	-14 19 14.8	6 675	(968)	1950 08 14.45104	01 55 08.25	+15 49 22.7	6 675
(749)	1988 10 07.40799	02 33 41.49	+06 12 52.5	9 675	(970)	1951 02 04.26319	08 21 41.24	+20 07 30.0	6 675
(750)	1994 07 12.39167	21 01 54.35	-22 02 23.3	9 675	(970)	1951 02 04.28819	08 21 39.67	+20 07 31.0	6 675
(750)	1994 07 12.42153	21 01 52.84	-22 02 31.6	9 675	(976)	1953 09 16.37326	00 37 08.63	+13 36 37.4	6 675
(752)	1988 10 07.40799	02 23 51.34	+05 26 23.6	9 675	(976)	1953 09 16.39722	00 37 07.61	+13 36 32.1	6 675
(752)	1988 10 07.43455	02 23 50.09	+05 26 16.8	9 675	(988)	1989 09 04.36927	00 01 09.93	-02 01 34.0	9 675
(765)	1992 02 04.44306	10 34 18.88	+08 43 04.6	9 675	(988)	1989 09 04.40920	00 01 08.40	-02 01 43.7	9 675
(765)	1992 02 04.47535	10 34 17.09	+08 43 09.8	9 675	(988)	1989 09 29.21771	23 43 28.72	-03 44 08.2	9 675
(769)	1990 01 26.29965	09 15 59.29	+26 19 49.3	9 675	(988)	1989 09 29.26597	23 43 26.59	-03 44 19.1	9 675
(769)	1990 01 26.33333	09 15 57.61	+26 19 57.8	9 675	(991)	1992 02 28.40087	11 34 39.10	+05 47 29.7	9 675
(776)	1953 12 10.45000	08 48 44.49	+31 09 56.0	6 675	(991)	1992 02 28.43264	11 34 37.71	+05 47 37.9	9 675
(776)	1953 12 10.47396	08 48 44.19	+31 10 08.7	6 675	(1014)	1988 10 07.35521	01 07 32.61	+10 15 40.4	9 675
(782)	1951 11 08.39236	05 44 20.09	+21 37 43.9	6 675	(1014)	1988 10 07.38160	01 07 31.23	+10 15 31.8	9 675
(782)	1951 11 08.41736	05 44 19.42	+21 37 46.4	6 675	(1026)	1994 08 04.33108	21 18 40.86	-21 42 30.7	9 675
(784)	1955 11 11.39792	04 41 27.82	+34 58 00.5	6 675	(1026)	1994 08 04.36181	21 18 39.27	-21 42 47.0	9 675
(784)	1955 11 11.42153	04 41 26.58	+34 58 02.6	6 675	(1029)	1951 11 08.39236	05 58 30.64	+25 50 13.4	6 675
(784)	1990 02 20.18003	08 33 03.95	+34 22 01.6	9 675	(1029)	1951 11 08.41736	05 58 30.07	+25 50 15.3	6 675
(784)	1990 02 20.21111	08 33 02.39	+34 21 59.7	9 675	(1047)	1951 11 08.39236	05 58 05.97	+21 39 36.6	6 675
(787)	1988 10 07.40799	02 28 40.65	+04 27 22.5	9 675	(1047)	1951 11 08.41736	05 58 05.49	+21 39 41.6	6 675
(787)	1988 10 07.43455	02 28 39.58	+04 27 04.5	9 675	(1081)	1954 07 29.43090	23 17 11.99	-10 13 30.3	6 675
(802)	1988 10 07.35521	01 22 39.25	+10 39 31.8	9 675	(1081)	1954 07 29.45555	23 17 11.62	-10 13 32.9	6 675
(802)	1988 10 07.38160	01 22 37.53	+10 39 26.6	9 675	(1085)	1989 07 31.45469	23 06 39.50	-08 00 03.1	9 675
(802)	1994 07 12.39167	21 24 16.12	-23 23 47.4	9 675	(1085)	1989 07 31.47882	23 06 38.98	-08 00 10.1	9 675
(802)	1994 07 12.42153	21 24 14.63	-23 23 54.7	9 675	(1085)	1989 09 02.32031	22 47 42.07	-11 07 45.0	9 675
(802)	1994 08 04.33108	21 01 13.29	-24 54 30.2	9 675	(1085)	1989 09 02.35521	22 47 40.60	-11 07 57.5	9 675
(802)	1994 08 04.36181	21 01 11.07	-24 54 36.1	9 675	(1086)	1989 11 01.11684	23 00 10.63	+02 09 55.6	9 675
(807)	1951 02 04.26319	07 57 18.46	+17 49 13.5	6 675	(1086)	1989 11 01.19167	23 00 10.06	+02 09 47.9	9 675
(807)	1951 02 04.28819	07 57 17.36	+17 49 22.3	6 675	(1098)	1992 02 04.44306	10 31 38.08	+09 38 38.7	9 675
(839)	1990 02 20.18003	08 27 05.98	+27 36 51.8	9 675	(1098)	1992 02 04.47535	10 31 36.30	+09 38 39.0	9 675
(839)	1990 02 20.21111	08 27 04.36	+27 36 48.6	9 675	(1116)	1954 04 02.37536	13 36 02.42	-21 42 12.3	6 675
(853)	1990 05 25.31024	15 32 40.36	-04 12 32.6	9 675	(1116)	1954 04 02.39861	13 36 01.02	-21 42 11.5	6 675
(853)	1990 05 25.34010	15 32 38.78	-04 12 23.1	9 675	(1126)	1989 09 04.36927	00 10 39.32	-00 15 58.3	9 675
(882)	1954 04 02.37536	13 49 52.69	-18 03 50.9	6 675	(1126)	1989 09 04.40920	00 10 37.19	-00 16 06.1	9 675
(882)	1954 04 02.39861	13 49 51.71	-18 03 46.9	6 675	(1126)	1989 09 29.21771	23 45 49.69	-01 47 42.5	9 675

(1126)	1989 09 29.26597	23 45 46.64	-01 47 53.6	9 675	(1427)	1988 10 07.43455	02 20 22.87	+00 44 25.4	9 675
(1127)	1994 08 04.33108	21 19 05.91	-18 15 38.9	9 675	(1437)	1994 07 12.39167	21 10 37.78	-19 11 03.2	9 675
(1127)	1994 08 04.36181	21 19 04.30	-18 15 58.8	9 675	(1458)	1950 08 14.42361	01 56 12.36	+10 06 54.9	6 675
(1143)	1951 11 08.41736	05 58 40.12	+21 01 50.2	6 675	(1458)	1950 08 14.45104	01 56 12.98	+10 06 50.5	6 675
(1144)	1990 05 25.31024	15 31 20.21	-06 08 52.4	9 675	(1467)	1994 08 04.33108	21 15 45.63	-24 47 48.0	9 675
(1144)	1990 05 25.34010	15 31 19.06	-06 08 48.9	9 675	(1467)	1994 08 04.36181	21 15 43.67	-24 47 42.5	9 675
(1152)	1955 11 11.35069	03 56 20.32	+28 50 46.9	6 675	(1482)	1950 08 14.42361	02 06 54.59	+09 34 35.2	6 675
(1152)	1955 11 11.37431	03 56 18.77	+28 50 44.8	6 675	(1482)	1950 08 14.45104	02 06 54.96	+09 34 35.8	6 675
(1157)	1992 10 21.11389	23 26 18.75	+03 18 03.8	9 675	(1483)	1994 11 07.19583	01 00 34.19	+01 16 12.0	9 675
(1157)	1992 10 21.14878	23 26 17.82	+03 17 59.9	9 675	(1483)	1994 11 07.23438	01 00 32.68	+01 16 07.2	9 675
(1182)	1953 12 10.45000	08 41 55.39	+30 35 05.3	6 675	(1510)	1989 11 01.11684	23 01 51.27	+02 49 07.0	9 675
(1182)	1953 12 10.47396	08 41 54.99	+30 35 07.0	6 675	(1510)	1989 11 01.19167	23 01 50.26	+02 49 04.0	9 675
(1202)	1954 07 29.43090	23 10 35.66	-10 15 29.4	6 675	(1518)	1994 08 05.26605	21 18 09.32	-27 50 42.5	9 675
(1202)	1954 07 29.45555	23 10 35.23	-10 15 32.6	6 675	(1518)	1994 08 05.29549	21 18 07.13	-27 50 50.6	9 675
(1205)	1954 05 23.23229	13 18 01.28	-10 37 18.0	6 675	(1519)	1955 11 11.39792	04 56 07.24	+36 54 30.5	6 675
(1223)	1992 02 28.40087	11 37 38.59	+05 44 52.7	9 675	(1519)	1955 11 11.42153	04 56 05.95	+36 54 35.4	6 675
(1223)	1992 02 28.43264	11 37 37.11	+05 45 01.1	9 675	(1519)	1988 10 07.31476	00 43 36.90	+03 07 12.2	9 675
(1225)	1988 10 07.35521	01 08 40.65	+07 43 53.3	9 675	(1519)	1988 10 07.33958	00 43 35.41	+03 07 13.3	9 675
(1225)	1988 10 07.38160	01 08 39.03	+07 43 46.8	9 675	(1535)	1989 09 30.22656	23 29 07.74	+07 05 59.1	9 675
(1227)	1992 02 28.40087	11 21 10.03	+11 58 16.1	9 675	(1535)	1989 11 01.11684	23 17 23.84	+04 30 45.0	9 675
(1229)	1992 02 04.44306	10 45 03.04	+06 54 46.7	9 675	(1535)	1989 11 01.19167	23 17 23.67	+04 30 30.8	9 675
(1229)	1992 02 04.47535	10 45 01.90	+06 54 54.5	9 675	(1549)	1990 02 20.18003	08 43 27.70	+26 23 32.8	9 675
(1247)	1988 10 07.35521	01 37 23.08	+08 23 04.1	9 675	(1549)	1990 02 20.21111	08 43 26.09	+26 23 38.4	9 675
(1247)	1988 10 07.38160	01 37 21.89	+08 22 57.4	9 675	(1573)	1989 11 01.11684	23 22 11.17	+02 19 34.8	9 675
(1251)	1992 02 28.40087	11 34 25.71	+07 02 18.0	9 675	(1573)	1989 11 01.19167	23 22 13.92	+02 18 01.0	9 675
(1251)	1992 02 28.43264	11 34 24.22	+07 02 30.3	9 675	(1575)	1988 10 07.37465	02 00 31.61	+12 58 42.0	9 675
(1254)	1954 05 24.18715	12 25 42.30	-12 48 30.5	6 675	(1575)	1988 10 07.40069	02 00 30.33	+12 58 22.8	9 675
(1254)	1954 05 24.21146	12 25 42.35	-12 48 26.6	6 675	(1577)	1951 09 08.38958	01 37 49.56	+02 25 47.2	6 675
(1256)	1951 02 04.26319	08 20 31.18	+14 26 51.4	6 675	(1577)	1951 09 08.41736	01 37 49.44	+02 25 40.3	6 675
(1256)	1951 02 04.28819	08 20 30.09	+14 26 53.3	6 675	(1597)	1951 09 08.38958	01 38 03.88	+00 50 22.2	6 675
(1268)	1988 10 07.35521	01 13 38.94	+10 39 46.3	9 675	(1597)	1951 09 08.41736	01 38 03.31	+00 50 11.9	6 675
(1268)	1988 10 07.38160	01 13 37.93	+10 39 41.6	9 675	(1597)	1992 02 04.44306	10 47 34.40	+05 13 23.8	9 675
(1288)	1982 09 14.39444	22 38 26.00	+00 36 43.8	9 675	(1597)	1992 02 04.47535	10 47 33.35	+05 13 38.5	9 675
(1288)	1982 09 14.41528	22 38 24.95	+00 36 38.9	9 675	(1633)	1988 10 07.35521	01 19 29.29	+04 25 16.2	9 675
(1292)	1992 02 04.44306	10 35 54.24	+05 38 37.9	9 675	(1633)	1988 10 07.38160	01 19 28.19	+04 25 09.9	9 675
(1292)	1992 02 04.47535	10 35 52.78	+05 38 43.3	9 675	(1647)	1951 11 08.39236	05 42 36.93	+21 16 18.7	19.0 6 675
(1300)	1951 12 27.31181	05 28 39.13	+24 08 55.2	6 675	(1647)	1951 11 08.41736	05 42 36.38	+21 16 16.9	6 675
(1321)	1991 12 02.16603	03 03 08.59	+31 23 37.3	9 675	(1658)	1994 07 12.39167	21 24 15.53	-23 29 08.7	9 675
(1321)	1991 12 02.19670	03 03 07.05	+31 23 27.4	9 675	(1658)	1994 07 12.42153	21 24 14.64	-23 29 25.4	9 675
(1334)	1989 07 29.40174	22 40 01.63	-12 27 42.9	9 675	(1658)	1994 08 05.26605	21 07 28.20	-27 10 42.8	9 675
(1334)	1989 07 29.43056	22 40 00.80	-12 27 55.1	9 675	(1658)	1994 08 05.29549	21 07 26.65	-27 10 57.0	9 675
(1391)	1994 07 12.39167	21 01 12.73	-21 09 06.7	9 675	(1684)	1989 07 29.40174	22 49 57.80	-11 19 02.7	9 675
(1391)	1994 07 12.42153	21 01 11.30	-21 09 18.4	9 675	(1684)	1989 07 29.43056	22 49 57.03	-11 19 10.5	9 675
(1404)	1955 03 24.35903	12 55 39.12	-23 03 57.9	6 675	(1684)	1989 07 31.45469	22 49 01.77	-11 28 05.8	9 675
(1404)	1955 03 24.38403	12 55 38.29	-23 03 56.3	6 675	(1684)	1989 07 31.47882	22 49 01.04	-11 28 12.1	9 675
(1406)	1989 09 02.44115	23 59 11.22	+07 36 22.3	9 675	(1684)	1989 09 02.32031	22 26 47.03	-14 15 44.6	9 675
(1406)	1989 09 02.47361	23 59 09.62	+07 36 24.0	9 675	(1684)	1989 09 02.35521	22 26 45.47	-14 15 54.5	9 675
(1406)	1989 09 30.22656	23 32 48.97	+07 21 05.6	9 675	(1725)	1992 02 04.44306	10 32 48.31	+11 33 37.3	9 675
(1406)	1989 09 30.26111	23 32 47.06	+07 21 01.4	9 675	(1725)	1992 02 04.47535	10 32 46.96	+11 33 45.1	9 675
(1424)	1953 12 10.45000	08 40 22.35	+29 53 04.8	6 675	(1726)	1994 10 01.30868	00 56 22.63	+09 38 56.6	9 675
(1424)	1953 12 10.47396	08 40 21.95	+29 53 10.7	6 675	(1726)	1994 10 01.33837	00 56 21.17	+09 38 46.2	9 675
(1427)	1988 10 07.40799	02 20 24.23	+00 44 30.3	9 675	(1748)	1989 07 31.45469	23 03 31.01	-08 16 51.8	9 675

(1748)	1989 07 31.47882	23 03 30.61	-08 16 56.7	9 675	(1896)	1989 07 29.43056	22 43 10.73	-05 11 33.9	9 675
(1748)	1989 09 02.32031	22 46 50.49	-10 40 28.4	9 675	(1903)	1989 07 31.45469	23 12 42.00	-10 18 33.4	9 675
(1748)	1989 09 02.35521	22 46 49.13	-10 40 38.6	9 675	(1903)	1989 07 31.47882	23 12 41.49	-10 18 42.0	9 675
(1751)	1988 10 07.32257	01 12 57.67	+17 51 45.6	9 675	(1903)	1989 09 02.32031	22 53 57.81	-14 11 18.1	9 675
(1763)	1982 09 14.39444	22 51 33.61	+00 05 29.6	9 675	(1903)	1989 09 02.35521	22 53 56.27	-14 11 33.4	9 675
(1763)	1982 09 14.41528	22 51 32.51	+00 05 27.0	9 675	(1937)	1951 11 08.41736	05 55 27.81	+21 29 51.0	6 675
(1772)	1994 11 07.19583	00 54 51.11	-02 29 14.5	9 675	(1949)	1954 05 23.20730	13 24 22.48	-14 35 33.5	6 675
(1772)	1994 11 07.23438	00 54 49.63	-02 29 17.9	9 675	(1949)	1954 05 23.23229	13 24 21.67	-14 35 24.5	6 675
(1775)	1990 05 25.31024	15 28 54.48	-03 34 09.1	9 675	(1953)	1989 07 29.40174	22 47 19.05	-11 24 39.3	9 675
(1775)	1990 05 25.34010	15 28 53.04	-03 33 55.7	9 675	(1953)	1989 07 29.43056	22 47 18.31	-11 24 44.7	9 675
(1779)	1951 11 08.39236	05 42 09.88	+23 28 49.0	6 675	(1953)	1989 09 02.32031	22 24 29.57	-13 59 07.1	9 675
(1783)	1989 09 02.44115	00 22 03.19	+06 04 59.4	9 675	(1953)	1989 09 02.35521	22 24 27.87	-13 59 16.9	9 675
(1783)	1989 09 02.47361	00 22 02.05	+06 04 46.0	9 675	(1960)	1955 03 25.25278	09 00 15.71	+26 54 06.9	6 675
(1784)	1951 11 08.39236	05 37 52.68	+22 27 53.5	6 675	(1998)	1955 11 11.35069	03 59 47.25	+31 55 22.3	6 675
(1784)	1951 11 08.41736	05 37 51.79	+22 27 53.3	6 675	(1998)	1955 11 11.37431	03 59 45.66	+31 55 22.8	6 675
(1786)	1954 11 04.47500	06 27 16.40	+35 27 10.3	6 675	(2018)	1989 09 02.44115	00 10 14.31	+02 48 43.4	9 675
(1786)	1954 11 04.49826	06 27 16.24	+35 27 17.8	6 675	(2018)	1989 09 02.47361	00 10 13.26	+02 48 31.8	9 675
(1789)	1989 07 31.45469	23 01 36.51	-09 12 28.3	9 675	(2018)	1989 09 04.36927	00 09 14.83	+02 37 28.2	9 675
(1789)	1989 07 31.47882	23 01 36.23	-09 12 33.2	9 675	(2018)	1989 09 04.40920	00 09 13.37	+02 37 13.5	9 675
(1789)	1989 09 02.32031	22 41 40.65	-12 15 39.9	9 675	(2025)	1988 10 07.32257	01 13 57.11	+16 04 02.5	9 675
(1789)	1989 09 02.35521	22 41 38.75	-12 15 51.7	9 675	(2025)	1988 10 07.34757	01 13 55.89	+16 03 56.9	9 675
(1793)	1989 09 02.44115	00 11 13.14	+03 20 56.2	9 675	(2033)	1988 10 07.32257	01 18 31.65	+22 47 39.0	9 675
(1793)	1989 09 02.47361	00 11 11.59	+03 20 46.1	9 675	(2033)	1988 10 07.34757	01 18 29.92	+22 47 35.6	9 675
(1793)	1989 09 04.36927	00 09 41.91	+03 10 58.2	9 675	(2065)	1955 11 11.35069	03 57 16.01	+32 39 07.4	6 675
(1793)	1989 09 04.40920	00 09 39.86	+03 10 46.0	9 675	(2065)	1955 11 11.37431	03 57 14.62	+32 39 06.9	6 675
(1795)	1988 10 07.35521	01 14 11.34	+06 51 11.7	9 675	(2067)	1988 10 07.35521	01 18 33.78	+04 56 30.6	9 675
(1795)	1988 10 07.38160	01 14 10.09	+06 50 59.8	9 675	(2067)	1988 10 07.38160	01 18 32.77	+04 56 24.4	9 675
(1802)	1988 10 07.31476	01 05 36.54	+03 23 25.7	9 675	(2073)	1992 02 28.40087	11 24 01.19	+08 56 27.0	9 675
(1802)	1988 10 07.33958	01 05 35.27	+03 23 17.1	9 675	(2073)	1992 02 28.43264	11 23 59.64	+08 56 37.9	9 675
(1804)	1994 07 12.39167	21 01 02.42	-19 30 47.8	9 675	(2106)	1989 09 04.36927	00 01 30.36	-04 41 30.8	9 675
(1804)	1994 07 12.42153	21 01 00.93	-19 30 52.4	9 675	(2106)	1989 09 04.40920	00 01 28.81	-04 41 51.2	9 675
(1806)	1954 05 23.20729	13 26 17.41	-14 18 08.7	6 675	(2108)	1958 04 19.29618	13 52 14.89	-29 08 41.6	6 675
(1806)	1954 05 23.23229	13 26 16.79	-14 18 00.3	6 675	(2108)	1958 04 19.36389	13 52 10.32	-29 08 33.3	6 675
(1814)	1954 07 29.43090	23 16 21.95	-10 37 32.2	6 675	(2109)	1992 02 04.44306	10 39 50.51	+06 15 31.7	9 675
(1814)	1954 07 29.45555	23 16 21.46	-10 37 36.2	6 675	(2109)	1992 02 04.47535	10 39 49.14	+06 15 42.2	9 675
(1821)	1951 11 08.39236	05 48 09.69	+25 32 23.1	6 675	(2114)	1989 09 04.36927	00 09 26.18	+00 57 00.8	9 675
(1821)	1951 11 08.41736	05 48 08.76	+25 32 21.3	6 675	(2114)	1989 09 04.40920	00 09 24.63	+00 56 51.0	9 675
(1835)	1992 02 04.44306	10 44 02.59	+07 09 39.5	9 675	(2117)	1994 10 01.30868	00 56 28.11	+02 18 20.4	9 675
(1835)	1992 02 04.47535	10 44 01.21	+07 09 46.4	9 675	(2117)	1994 10 01.33837	00 56 26.63	+02 18 12.3	9 675
(1841)	1989 07 29.40174	22 38 58.36	-12 12 24.3	9 675	(2119)	1951 11 08.39236	05 58 52.57	+24 54 23.0	6 675
(1841)	1989 07 29.43056	22 38 57.48	-12 12 29.9	9 675	(2119)	1951 11 08.41736	05 58 51.71	+24 54 20.3	6 675
(1854)	1988 10 07.35521	01 12 45.62	+06 31 41.4	9 675	(2119)	1951 12 27.28264	05 10 10.34	+23 22 52.7	6 675
(1854)	1988 10 07.38160	01 12 44.28	+06 31 29.8	9 675	(2119)	1951 12 27.31181	05 10 08.35	+23 22 47.6	6 675
(1872)	1988 10 07.35521	01 16 34.80	+04 51 14.4	18.0 9 675	(2125)	1988 10 07.35521	01 15 58.50	+10 40 03.9	9 675
(1872)	1988 10 07.38160	01 16 34.14	+04 51 06.6	9 675	(2125)	1988 10 07.38160	01 15 57.15	+10 39 56.6	9 675
(1877)	1989 09 04.36927	23 57 47.30	+00 19 46.7	9 675	(2139)	1992 02 04.44306	10 34 18.17	+05 40 59.6	9 675
(1877)	1989 09 04.40920	23 57 45.49	+00 19 47.1	9 675	(2139)	1992 02 04.47535	10 34 16.64	+05 41 06.9	9 675
(1877)	1989 09 29.21771	23 38 22.69	+00 11 28.6	9 675	(2156)	1994 07 12.39167	21 22 44.79	-25 29 39.6	9 675
(1877)	1989 09 29.26597	23 38 20.45	+00 11 26.7	9 675	(2156)	1994 07 12.42153	21 22 43.60	-25 29 47.8	9 675
(1877)	1989 11 01.11684	23 21 08.36	+00 21 45.6	9 675	(2156)	1994 08 05.26605	21 00 52.33	-27 13 17.4	9 675
(1877)	1989 11 01.19167	23 21 07.26	+00 21 52.1	9 675	(2156)	1994 08 05.29549	21 00 50.27	-27 13 22.7	9 675
(1896)	1989 07 29.40174	22 43 11.10	-05 11 30.0	9 675	(2161)	1951 02 04.26319	08 18 47.24	+19 30 40.4	6 675

(2161)	1951 02 04.28819	08 18 45.91	+19 30 48.3	6 675	(2457)	1988 10 07.40799	02 32 56.67	+05 47 40.6	9 675
(2193)	1988 10 07.37465	02 34 56.92	+13 48 25.4	9 675	(2457)	1988 10 07.43455	02 32 55.65	+05 47 32.0	9 675
(2193)	1988 10 07.40069	02 34 55.87	+13 48 25.1	9 675	(2461)	1992 02 04.44306	10 38 23.28	+10 39 48.8	9 675
(2196)	1988 10 07.35521	01 09 19.81	+11 12 57.4	9 675	(2461)	1992 02 04.47535	10 38 22.06	+10 39 55.7	9 675
(2196)	1988 10 07.38160	01 09 18.78	+11 12 47.6	9 675	(2462)	1992 02 04.44306	10 39 27.87	+12 47 57.1	9 675
(2217)	1988 10 07.31476	00 54 24.49	+02 33 29.7	9 675	(2462)	1992 02 04.47535	10 39 26.49	+12 48 09.9	9 675
(2217)	1988 10 07.33958	00 54 23.35	+02 33 21.5	9 675	(2467)	1989 07 29.40174	22 32 24.87	-06 38 45.3	9 675
(2224)	1951 11 08.39236	05 40 05.31	+24 42 38.7	6 675	(2467)	1989 07 29.43056	22 32 23.91	-06 38 40.1	9 675
(2224)	1951 11 08.41736	05 40 04.57	+24 42 39.9	6 675	(2474)	1953 09 16.37326	00 44 09.13	+14 18 14.9	6 675
(2224)	1989 07 29.40174	22 55 23.37	-11 07 27.4	9 675	(2474)	1953 09 16.39722	00 44 07.89	+14 18 08.3	6 675
(2224)	1989 07 29.43056	22 55 22.60	-11 07 33.0	9 675	(2483)	1992 10 21.11389	23 16 43.19	+01 28 39.7	9 675
(2224)	1989 07 31.45469	22 54 29.35	-11 14 40.0	9 675	(2483)	1992 10 21.14878	23 16 42.47	+01 28 31.3	9 675
(2224)	1989 07 31.47882	22 54 28.67	-11 14 45.2	9 675	(2499)	1950 08 14.42361	02 03 51.43	+12 31 55.3	6 675
(2224)	1989 09 02.32031	22 31 22.53	-13 38 39.4	9 675	(2499)	1988 10 07.31476	00 54 47.60	+05 49 47.2	9 675
(2224)	1989 09 02.35521	22 31 20.78	-13 38 48.2	9 675	(2499)	1988 10 07.33958	00 54 46.40	+05 49 39.0	9 675
(2259)	1951 11 08.39236	05 57 43.97	+26 31 14.0	6 675	(2501)	1954 07 29.43090	23 14 32.14	-08 46 03.6	6 675
(2259)	1951 11 08.41736	05 57 43.11	+26 31 13.6	6 675	(2501)	1954 07 29.45555	23 14 31.46	-08 46 07.1	6 675
(2270)	1988 10 07.31476	01 07 51.04	+04 20 30.2	9 675	(2512)	1990 01 26.29965	09 03 20.73	+27 46 25.9	9 675
(2270)	1988 10 07.33958	01 07 49.89	+04 20 22.9	9 675	(2512)	1990 01 26.33333	09 03 18.40	+27 46 40.3	9 675
(2305)	1992 02 28.40087	11 21 41.92	+12 25 05.1	9 675	(2512)	1990 02 20.18003	08 38 07.87	+29 32 58.9	9 675
(2315)	1988 10 07.37465	02 31 36.82	+14 58 55.4	9 675	(2512)	1990 02 20.21111	08 38 06.37	+29 33 02.2	9 675
(2315)	1988 10 07.40069	02 31 35.66	+14 58 56.8	9 675	(2530)	1989 09 02.44115	00 13 52.38	+08 05 27.7	9 675
(2318)	1950 08 14.42361	02 16 01.47	+10 50 36.0	6 675	(2530)	1989 09 02.47361	00 13 51.40	+08 05 16.5	9 675
(2318)	1950 08 14.43542	02 16 02.30	+10 50 39.1	6 675	(2530)	1989 09 30.22656	23 56 20.97	+04 29 26.4	9 675
(2324)	1988 10 07.35521	01 09 58.74	+07 56 47.5	9 675	(2530)	1989 09 30.26111	23 56 19.58	+04 29 08.8	9 675
(2324)	1988 10 07.38160	01 09 57.62	+07 56 40.4	9 675	(2545)	1955 11 11.35069	03 51 13.55	+32 16 57.3	6 675
(2360)	1988 10 07.31476	00 50 45.22	+02 32 15.7	9 675	(2545)	1955 11 11.37431	03 51 11.96	+32 16 56.9	6 675
(2360)	1988 10 07.33958	00 50 43.84	+02 32 09.8	9 675	(2554)	1953 09 16.37326	00 43 54.70	+13 18 13.1	6 675
(2372)	1988 10 07.35521	01 29 33.91	+04 42 05.0	9 675	(2554)	1953 09 16.39722	00 43 53.23	+13 18 09.5	6 675
(2372)	1988 10 07.38160	01 29 32.70	+04 41 57.9	9 675	(2561)	1950 08 14.42361	01 58 03.97	+10 51 57.7	6 675
(2375)	1994 08 04.33108	21 29 58.48	-24 33 28.7	9 675	(2561)	1950 08 14.45104	01 58 05.02	+10 51 59.7	6 675
(2375)	1994 08 04.36181	21 29 57.01	-24 33 43.3	9 675	(2561)	1988 10 07.37465	02 28 56.22	+11 38 58.4	9 675
(2377)	1951 02 04.26319	08 19 24.52	+18 31 34.8	6 675	(2561)	1988 10 07.40069	02 28 55.18	+11 38 51.7	9 675
(2377)	1951 02 04.28819	08 19 23.15	+18 31 38.8	6 675	(2580)	1992 02 04.44306	10 41 01.84	+09 41 44.5	9 675
(2377)	1988 10 07.31476	00 37 50.72	+05 41 43.7	9 675	(2580)	1992 02 04.47535	10 41 00.23	+09 41 56.4	9 675
(2377)	1988 10 07.33958	00 37 49.49	+05 41 35.8	9 675	(2589)	1989 09 04.36927	23 50 50.89	-02 41 31.8	9 675
(2388)	1954 05 23.20729	13 12 47.89	-11 49 35.0	6 675	(2589)	1989 09 04.40920	23 50 49.17	-02 41 45.8	9 675
(2388)	1954 05 23.23229	13 12 47.67	-11 49 31.9	6 675	(2589)	1989 09 29.21771	23 32 31.54	-05 05 00.3	9 675
(2392)	1994 11 07.19583	00 58 48.87	+00 23 35.0	9 675	(2589)	1989 09 29.26597	23 32 29.44	-05 05 15.9	9 675
(2392)	1994 11 07.23438	00 58 47.47	+00 23 28.1	9 675	(2597)	1951 02 04.26319	08 20 24.39	+19 43 20.2	6 675
(2407)	1951 11 08.39236	05 33 57.21	+26 58 54.1	6 675	(2597)	1951 02 04.28819	08 20 23.11	+19 43 24.9	6 675
(2407)	1951 11 08.41736	05 33 56.35	+26 58 55.0	6 675	(2601)	1991 12 02.16603	03 11 55.32	+28 59 48.1	9 675
(2407)	1954 05 23.20729	13 08 01.11	-09 52 24.2	6 675	(2601)	1991 12 02.19670	03 11 53.82	+28 59 36.8	9 675
(2407)	1954 05 23.23229	13 08 00.54	-09 52 20.5	6 675	(2609)	1954 05 24.18715	12 22 50.41	-12 31 22.1	6 675
(2427)	1989 09 02.44115	00 07 35.26	+06 53 04.1	9 675	(2609)	1954 05 24.21146	12 22 50.81	-12 31 18.9	6 675
(2427)	1989 09 02.47361	00 07 34.10	+06 52 57.0	9 675	(2621)	1994 07 12.39167	21 21 12.81	-25 56 58.0	9 675
(2427)	1989 09 30.22656	23 47 29.51	+04 14 25.2	9 675	(2621)	1994 07 12.42153	21 21 11.82	-25 57 13.4	9 675
(2427)	1989 09 30.26111	23 47 27.94	+04 14 11.1	9 675	(2621)	1994 08 05.26605	21 04 39.20	-29 10 48.5	9 675
(2451)	1992 02 04.44306	10 40 37.46	+08 41 07.2	9 675	(2621)	1994 08 05.29549	21 04 37.69	-29 11 01.4	9 675
(2451)	1992 02 04.47535	10 40 36.01	+08 41 10.8	9 675	(2626)	1988 10 07.31476	00 39 15.13	+04 53 52.8	9 675
(2453)	1955 03 25.25278	09 03 51.21	+26 56 44.5	6 675	(2626)	1988 10 07.33958	00 39 13.89	+04 53 46.1	9 675
(2453)	1994 08 05.26605	21 02 41.91	-31 48 14.0	9 675	(2628)	1992 02 04.44306	10 34 25.58	+07 20 19.9	9 675

(2628)	1992 02 04.47535	10 34 24.10	+07 20 25.6	9 675	(2875)	1994 07 12.39167	21 17 38.81	-23 32 14.2	9 675
(2631)	1994 10 01.30868	00 55 52.45	+01 38 13.4	9 675	(2875)	1994 07 12.42153	21 17 37.45	-23 32 18.6	9 675
(2631)	1994 10 01.33837	00 55 50.75	+01 38 11.2	9 675	(2875)	1994 08 04.33108	20 57 35.38	-24 19 24.7	9 675
(2632)	1954 11 04.47500	06 27 38.88	+35 02 08.0	6 675	(2875)	1994 08 04.36181	20 57 33.58	-24 19 28.4	9 675
(2632)	1954 11 04.49826	06 27 38.63	+35 02 13.8	6 675	(2880)	1994 11 07.19583	00 50 16.39	+02 55 19.1	9 675
(2658)	1954 07 02.23333	17 19 45.02	-12 07 50.0	6 675	(2880)	1994 11 07.23438	00 50 14.94	+02 55 19.2	9 675
(2658)	1954 07 02.27569	17 19 43.23	-12 07 49.6	6 675	(2883)	1988 10 07.31476	00 52 46.98	+04 10 19.1	16.2 9 675
(2668)	1954 05 23.20729	13 31 38.47	-14 49 24.5	6 675	(2883)	1988 10 07.33958	00 52 45.48	+04 10 10.3	9 675
(2668)	1954 05 23.23229	13 31 37.69	-14 49 19.0	6 675	(2888)	1992 10 21.11389	23 30 47.59	+01 19 07.0	9 675
(2671)	1994 10 01.30868	00 55 52.12	+07 37 39.2	9 675	(2888)	1992 10 21.14878	23 30 46.34	+01 19 05.8	9 675
(2671)	1994 10 01.33837	00 55 50.60	+07 37 28.7	9 675	(2908)	1954 07 02.25069	17 22 36.79	-12 37 53.2	6 675
(2688)	1950 08 14.42361	02 18 51.35	+09 41 00.7	6 675	(2908)	1954 07 02.27569	17 22 35.60	-12 37 50.7	6 675
(2688)	1950 08 14.45104	02 18 51.88	+09 41 02.2	6 675	(2921)	1951 02 04.24583	08 08 58.82	+19 16 44.2	6 675
(2701)	1989 07 31.45469	22 53 05.60	-14 32 10.6	9 675	(2921)	1951 02 04.28819	08 08 56.96	+19 16 51.6	6 675
(2701)	1989 07 31.47882	22 53 05.07	-14 32 14.7	9 675	(2930)	1988 10 07.33958	01 01 24.02	+08 29 31.6	9 675
(2701)	1989 09 02.32031	22 29 33.07	-16 08 27.3	9 675	(2934)	1994 10 01.30868	01 05 25.18	+08 51 21.0	9 675
(2701)	1989 09 02.35521	22 29 31.33	-16 08 31.7	9 675	(2934)	1994 10 01.33837	01 05 23.96	+08 51 08.9	9 675
(2723)	1989 07 29.40174	22 45 28.86	-07 34 52.1	9 675	(2936)	1988 10 07.32257	01 22 55.81	+19 27 11.5	9 675
(2723)	1989 07 29.43056	22 45 28.10	-07 34 55.6	9 675	(2943)	1955 03 24.35903	12 57 38.66	-24 55 01.6	6 675
(2724)	1988 10 07.35521	01 27 28.94	+04 32 05.0	9 675	(2943)	1955 03 24.38403	12 57 37.16	-24 55 00.3	6 675
(2724)	1988 10 07.38160	01 27 27.70	+04 31 55.9	9 675	(2951)	1988 10 07.31476	01 01 50.10	+02 12 45.0	9 675
(2735)	1982 09 14.39444	22 54 29.92	-03 40 02.9	9 675	(2951)	1988 10 07.33958	01 01 48.78	+02 12 42.4	9 675
(2749)	1988 10 07.35521	01 15 05.76	+08 09 26.4	9 675	(2953)	1951 12 27.28264	05 22 09.75	+22 47 43.4	6 675
(2749)	1988 10 07.38160	01 15 04.53	+08 09 18.5	9 675	(2953)	1951 12 27.31181	05 22 08.08	+22 47 41.7	6 675
(2754)	1951 02 04.26319	07 55 23.01	+16 05 31.1	6 675	(2955)	1954 07 29.43090	23 25 59.05	-09 49 32.2	6 675
(2754)	1951 02 04.28819	07 55 21.40	+16 05 33.9	6 675	(2955)	1954 07 29.45555	23 25 58.69	-09 49 35.3	6 675
(2758)	1992 02 04.44306	10 37 31.27	+09 15 49.2	9 675	(2963)	1988 10 07.37465	02 04 17.39	+10 54 29.8	9 675
(2758)	1992 02 04.47535	10 37 29.46	+09 15 56.5	9 675	(2963)	1988 10 07.40069	02 04 16.11	+10 54 24.4	9 675
(2761)	1989 09 02.32031	22 35 43.81	-12 44 46.1	9 675	(2987)	1951 11 08.39236	05 32 54.66	+21 52 30.0	6 675
(2761)	1989 09 02.35521	22 35 42.16	-12 44 53.8	9 675	(2987)	1951 11 08.41736	05 32 53.90	+21 52 28.6	6 675
(2761)	1994 08 04.33108	21 18 21.37	-20 12 07.4	9 675	(2987)	1989 07 29.40174	22 27 13.43	-09 07 04.0	9 675
(2769)	1989 09 02.32031	22 41 28.91	-11 25 48.6	9 675	(2987)	1992 02 04.44306	10 53 49.15	+06 36 26.7	9 675
(2769)	1989 09 02.35521	22 41 27.37	-11 25 59.0	9 675	(2987)	1992 02 04.47535	10 53 48.03	+06 36 32.9	9 675
(2772)	1954 11 24.17708	02 15 16.88	-06 00 12.6	6 675	(2994)	1994 10 01.30868	00 49 04.14	+06 24 35.5	9 675
(2772)	1954 11 24.20035	02 15 15.98	-06 00 08.3	6 675	(2994)	1994 10 01.33837	00 49 02.41	+06 24 28.4	9 675
(2773)	1989 07 31.45469	22 57 57.80	-11 30 07.9	9 675	(2995)	1982 09 14.39444	22 52 34.97	-05 09 57.3	9 675
(2773)	1989 07 31.47882	22 57 57.31	-11 30 14.6	9 675	(2997)	1991 12 02.16603	03 03 03.58	+28 40 32.3	9 675
(2781)	1988 10 07.37465	02 11 07.49	+09 50 29.5	9 675	(2997)	1991 12 02.19670	03 03 01.88	+28 40 23.8	9 675
(2781)	1988 10 07.40069	02 11 06.50	+09 50 23.6	9 675	(3008)	1988 10 07.31476	00 40 48.89	+03 54 00.1	9 675
(2785)	1988 10 07.31476	00 55 09.18	+07 27 50.1	9 675	(3008)	1988 10 07.33958	00 40 47.72	+03 53 53.2	9 675
(2785)	1988 10 07.33958	00 55 07.94	+07 27 43.1	9 675	(3010)	1989 07 29.40174	22 46 34.00	-08 55 49.8	9 675
(2805)	1992 02 28.40087	11 46 04.03	+11 07 58.4	9 675	(3010)	1989 07 29.43056	22 46 33.27	-08 55 57.1	9 675
(2805)	1992 02 28.43264	11 46 02.32	+11 08 07.9	9 675	(3010)	1989 09 02.32031	22 24 39.09	-11 36 41.0	9 675
(2834)	1992 10 21.11389	23 12 19.35	-00 32 44.1	9 675	(3014)	1950 08 14.42361	02 04 48.60	+11 39 45.5	6 675
(2834)	1992 10 21.14878	23 12 18.45	-00 32 57.0	9 675	(3014)	1950 08 14.45104	02 04 49.96	+11 39 51.3	6 675
(2856)	1988 10 07.31476	01 05 50.02	+06 44 36.7	15.5 9 675	(3054)	1988 10 07.35521	01 19 15.25	+05 32 45.8	9 675
(2856)	1988 10 07.33958	01 05 48.72	+06 44 33.1	9 675	(3054)	1988 10 07.38160	01 19 14.02	+05 32 37.0	9 675
(2862)	1988 10 07.35521	01 24 27.83	+11 46 44.9	9 675	(3060)	1989 09 02.44115	00 11 08.55	+08 06 37.3	9 675
(2862)	1988 10 07.38160	01 24 26.23	+11 46 33.9	9 675	(3060)	1989 09 30.22656	23 44 10.92	+08 05 24.9	9 675
(2871)	1988 10 07.37465	02 08 02.33	+11 59 33.8	9 675	(3072)	1954 05 23.24826	14 38 31.14	-04 15 48.4	6 675
(2871)	1988 10 07.40069	02 08 00.87	+11 59 33.4	9 675	(3072)	1954 05 23.27199	14 38 30.00	-04 15 44.2	6 675
(2873)	1992 02 28.43264	11 34 50.00	+12 48 34.4	9 675	(3098)	1988 10 07.31476	01 07 11.38	+04 18 47.4	9 675

(3098)	1988 10 07.33958	01 07 09.95	+04 18 37.9	9 675	(3376)	1953 09 16.37326	00 22 10.05	+12 54 26.9	6 675
(3131)	1954 07 29.43090	23 10 16.99	-08 50 40.1	6 675	(3376)	1953 09 16.39722	00 22 08.78	+12 54 18.2	6 675
(3131)	1954 07 29.45555	23 10 16.41	-08 50 44.0	6 675	(3382)	1954 04 02.37536	13 57 12.55	-16 39 31.4	6 675
(3131)	1989 07 31.45469	23 06 51.48	-09 13 01.0	9 675	(3382)	1954 04 02.39861	13 57 11.10	-16 39 29.4	6 675
(3131)	1989 07 31.47882	23 06 50.74	-09 13 04.3	9 675	(3382)	1954 05 23.20730	13 09 47.15	-13 41 35.8	6 675
(3131)	1989 09 02.32031	22 45 02.65	-11 30 37.4	9 675	(3382)	1954 05 23.23229	13 09 46.38	-13 41 30.6	6 675
(3131)	1989 09 02.35521	22 45 00.92	-11 30 46.4	9 675	(3385)	1982 09 14.39444	22 30 49.95	-01 57 48.9	9 675
(3177)	1956 03 11.36736	12 29 50.99	+14 12 36.0	6 675	(3385)	1982 09 14.41528	22 30 48.82	-01 58 00.9	9 675
(3177)	1956 03 11.38943	12 29 49.59	+14 12 39.6	6 675	(3388)	1950 04 19.43681	16 31 20.21	+08 42 08.4	6 675
(3177)	1956 03 16.28750	12 24 50.97	+14 24 18.5	6 675	(3388)	1950 04 19.46354	16 31 19.16	+08 42 13.5	6 675
(3177)	1956 03 16.30939	12 24 49.59	+14 24 20.9	6 675	(3391)	1955 03 24.35903	13 19 44.25	-21 26 13.5	6 675
(3181)	1992 10 21.11389	23 07 47.85	-01 28 34.2	9 675	(3391)	1955 03 24.38403	13 19 43.48	-21 26 13.8	6 675
(3181)	1992 10 21.14878	23 07 47.23	-01 28 43.4	9 675	(3411)	1954 07 29.43090	23 24 16.78	-12 47 20.1	6 675
(3183)	1989 09 04.36927	00 06 53.75	-01 50 11.4	9 675	(3411)	1954 07 29.45555	23 24 16.25	-12 47 28.5	6 675
(3183)	1989 09 04.40920	00 06 52.27	-01 50 23.4	9 675	(3421)	1988 10 07.31476	00 44 33.96	+08 36 01.4	9 675
(3187)	1951 02 04.26319	08 17 45.28	+20 08 45.9	6 675	(3421)	1988 10 07.33958	00 44 32.53	+08 35 51.6	9 675
(3187)	1951 02 04.28819	08 17 43.60	+20 08 48.7	6 675	(3423)	1989 09 29.21771	23 42 18.37	-01 40 47.7	9 675
(3196)	1953 12 10.45000	08 49 12.14	+29 58 08.0	6 675	(3423)	1989 09 29.26597	23 42 16.23	-01 41 00.5	9 675
(3196)	1953 12 10.47396	08 49 11.84	+29 58 13.2	6 675	(3431)	1955 03 24.35903	12 53 16.50	-22 31 16.5	6 675
(3207)	1988 10 07.35521	01 20 47.14	+06 38 56.8	9 675	(3431)	1955 03 24.38403	12 53 15.33	-22 31 15.3	6 675
(3207)	1988 10 07.38160	01 20 45.86	+06 38 47.8	9 675	(3442)	1994 07 12.39167	21 17 45.14	-24 00 26.4	9 675
(3211)	1988 10 07.32257	01 07 10.37	+21 07 06.6	9 675	(3442)	1994 07 12.42153	21 17 44.12	-24 00 38.3	9 675
(3211)	1988 10 07.34757	01 07 08.79	+21 07 09.2	9 675	(3442)	1994 08 05.26605	21 00 56.96	-26 41 21.2	9 675
(3220)	1954 07 29.43090	23 31 27.12	-13 27 57.2	6 675	(3442)	1994 08 05.29549	21 00 55.54	-26 41 31.3	9 675
(3220)	1954 07 29.45555	23 31 26.93	-13 28 00.9	6 675	(3461)	1988 10 07.31476	00 59 59.44	+01 44 09.1	9 675
(3226)	1951 12 27.31181	05 24 22.84	+22 07 12.9	6 675	(3461)	1988 10 07.33958	00 59 57.99	+01 44 02.7	9 675
(3226)	1989 09 02.32031	22 34 21.45	-13 22 10.1	9 675	(3471)	1958 04 19.29618	13 45 11.97	-31 34 22.0	6 675
(3226)	1989 09 02.35521	22 34 19.74	-13 22 21.1	9 675	(3471)	1958 04 19.36389	13 45 08.15	-31 34 17.3	6 675
(3242)	1992 10 21.11389	23 26 28.68	-01 19 43.1	9 675	(3497)	1950 06 13.30729	16 28 07.63	-01 59 17.8	6 675
(3242)	1992 10 21.14878	23 26 28.05	-01 19 59.9	9 675	(3497)	1950 06 13.33333	16 28 06.45	-01 59 19.6	6 675
(3248)	1954 04 02.37536	13 57 09.79	-15 51 47.8	6 675	(3517)	1955 04 16.30417	14 23 34.73	-11 52 59.5	6 675
(3248)	1954 04 02.39861	13 57 08.70	-15 51 48.0	6 675	(3517)	1955 04 16.32917	14 23 33.32	-11 52 50.3	6 675
(3248)	1954 05 23.20729	13 19 15.32	-14 16 26.5	6 675	(3519)	1950 08 14.42361	01 55 40.67	+11 11 16.3	6 675
(3248)	1954 05 23.23229	13 19 14.55	-14 16 23.0	6 675	(3519)	1950 08 14.45104	01 55 41.71	+11 11 21.1	6 675
(3281)	1992 02 04.44306	10 40 33.10	+12 20 47.4	9 675	(3527)	1954 07 02.25069	17 23 53.10	-15 14 27.8	6 675
(3281)	1992 02 04.47535	10 40 31.43	+12 20 52.1	9 675	(3527)	1954 07 02.27569	17 23 51.95	-15 14 25.9	6 675
(3282)	1989 07 29.40174	22 49 00.86	-05 56 44.8	9 675	(3540)	1953 02 14.22708	07 19 07.78	+50 33 37.2	6 675
(3282)	1989 07 29.43056	22 48 59.98	-05 56 52.0	9 675	(3540)	1953 03 09.15972	07 13 10.30	+48 53 17.7	6 675
(3321)	1954 07 02.25069	17 07 30.17	-11 12 41.7	6 675	(3540)	1953 03 09.18437	07 13 10.20	+48 53 10.4	6 675
(3321)	1954 07 02.27569	17 07 28.98	-11 12 43.7	6 675	(3541)	1954 07 29.43090	23 17 12.56	-10 16 51.0	6 675
(3330)	1991 12 02.16603	02 41 07.74	+26 17 27.1	9 675	(3541)	1954 07 29.45555	23 17 12.01	-10 16 58.1	6 675
(3330)	1991 12 02.19670	02 41 06.45	+26 17 21.9	9 675	(3558)	1958 04 19.29618	13 50 57.60	-29 43 29.9	6 675
(3334)	1994 08 04.33108	21 18 28.72	-19 39 38.1	9 675	(3558)	1958 04 19.36389	13 50 52.86	-29 43 30.5	6 675
(3334)	1994 08 04.36181	21 18 27.16	-19 39 47.4	9 675	(3580)	1994 07 12.39167	21 08 28.54	-19 46 34.1	9 675
(3344)	1955 03 25.21389	09 01 04.10	+29 33 28.7	6 675	(3580)	1994 07 12.42153	21 08 27.18	-19 46 38.2	9 675
(3344)	1955 03 25.25278	09 01 03.88	+29 33 23.8	6 675	(3605)	1989 09 02.44115	00 02 53.81	+07 07 05.0	9 675
(3372)	1989 07 29.40174	22 50 30.65	-11 47 41.8	9 675	(3605)	1989 09 02.47361	00 02 52.30	+07 06 59.0	9 675
(3372)	1989 07 29.43056	22 50 29.85	-11 47 45.4	9 675	(3605)	1989 09 30.22656	23 37 02.01	+04 46 20.7	9 675
(3372)	1989 07 31.45469	22 49 35.91	-11 53 44.2	9 675	(3605)	1989 09 30.26111	23 37 00.10	+04 46 07.1	9 675
(3372)	1989 07 31.47882	22 49 35.23	-11 53 49.4	9 675	(3605)	1989 11 01.11684	23 18 59.02	+02 03 01.4	9 675
(3372)	1989 09 02.32031	22 24 47.97	-14 01 40.2	9 675	(3605)	1989 11 01.19167	23 18 58.39	+02 02 48.1	9 675
(3372)	1989 09 02.35521	22 24 46.02	-14 01 48.5	9 675	(3615)	1988 10 07.37465	02 33 02.83	+12 07 15.9	9 675

(3615)	1988 10 07.40069	02 33 01.86	+12 07 09.3	9 675	(3966)	1988 10 07.40069	02 29 49.86	+14 41 15.4	9 675
(3629)	1989 11 01.11684	23 07 06.96	+01 12 00.2	9 675	(3974)	1954 09 28.27708	23 09 06.04	-17 11 45.9	6 675
(3629)	1989 11 01.19167	23 07 07.47	+01 11 43.9	9 675	(3974)	1954 09 28.30556	23 09 04.76	-17 11 45.2	6 675
(3636)	1954 07 29.43090	23 14 50.65	-10 27 03.7	6 675	(3979)	1988 10 07.31476	00 56 13.08	+08 32 30.3	9 675
(3636)	1954 07 29.45555	23 14 49.96	-10 27 08.1	6 675	(3979)	1988 10 07.33958	00 56 11.90	+08 32 24.9	9 675
(3642)	1989 07 31.45469	23 16 47.95	-12 25 45.0	9 675	(3980)	1988 10 07.35521	01 16 49.22	+04 54 07.0	9 675
(3642)	1989 07 31.47882	23 16 47.47	-12 25 55.5	9 675	(3980)	1988 10 07.38160	01 16 48.01	+04 54 00.0	9 675
(3658)	1955 03 24.40833	15 03 10.29	-23 20 06.1	6 675	(3983)	1988 10 07.35521	01 15 19.01	+11 18 55.0	9 675
(3658)	1955 03 24.43264	15 03 09.77	-23 20 07.8	6 675	(3983)	1988 10 07.38160	01 15 17.51	+11 18 47.5	9 675
(3684)	1990 02 20.18003	08 36 20.16	+27 40 10.8	9 675	(4024)	1994 08 05.26605	21 01 57.31	-29 38 29.1	9 675
(3684)	1990 02 20.21111	08 36 18.76	+27 40 18.8	9 675	(4030)	1955 11 11.35069	04 10 45.58	+31 15 58.6	6 675
(3692)	1988 10 07.37465	02 14 17.77	+16 37 08.4	9 675	(4030)	1955 11 11.37431	04 10 44.19	+31 15 57.7	6 675
(3692)	1988 10 07.40069	02 14 16.76	+16 36 59.5	9 675	(4049)	1989 07 29.40174	22 50 47.61	-10 34 05.0	9 675
(3695)	1955 12 11.21806	03 40 33.54	+05 59 00.9	6 675	(4049)	1989 07 29.43056	22 50 47.12	-10 34 10.9	9 675
(3695)	1955 12 11.23924	03 40 32.74	+05 59 00.7	6 675	(4049)	1989 07 31.45469	22 50 12.34	-10 41 24.6	9 675
(3695)	1990 05 26.28160	15 03 11.24	-07 19 30.4	9 675	(4049)	1989 07 31.47882	22 50 11.83	-10 41 29.8	9 675
(3695)	1990 05 26.31857	15 03 09.06	-07 19 21.0	9 675	(4059)	1954 05 23.20730	13 30 12.26	-14 45 04.8	6 675
(3697)	1989 09 29.21771	23 44 13.25	+00 07 01.6	9 675	(4059)	1954 05 23.23229	13 30 11.62	-14 44 55.0	6 675
(3697)	1989 09 29.26597	23 44 10.32	+00 06 50.5	9 675	(4078)	1990 05 25.34010	15 15 01.74	-08 55 51.6	9 675
(3697)	1989 11 01.11684	23 23 13.68	-00 53 02.4	9 675	(4087)	1954 05 23.20730	13 15 00.96	-09 42 10.7	6 675
(3697)	1989 11 01.19167	23 23 12.63	-00 53 02.1	9 675	(4087)	1954 05 23.23229	13 15 00.29	-09 42 09.6	6 675
(3717)	1989 09 29.21771	23 38 14.78	-06 01 27.8	9 675	(4089)	1992 02 04.44306	10 39 42.40	+08 02 43.5	9 675
(3717)	1989 09 29.26597	23 38 12.90	-06 01 40.1	9 675	(4089)	1992 02 04.47535	10 39 40.73	+08 02 51.3	9 675
(3717)	1992 02 04.44306	10 44 12.37	+11 13 36.9	9 675	(4097)	1950 08 14.42361	02 06 19.28	+11 00 59.7	6 675
(3717)	1992 02 04.47535	10 44 11.26	+11 13 45.7	9 675	(4097)	1950 08 14.45104	02 06 20.69	+11 01 09.5	6 675
(3730)	1954 04 02.37536	13 30 39.66	-20 11 13.2	6 675	(4102)	1988 10 07.31476	00 58 29.88	+03 45 00.5	9 675
(3730)	1954 04 02.39861	13 30 38.40	-20 11 08.0	6 675	(4102)	1988 10 07.33958	00 58 28.79	+03 44 48.7	9 675
(3748)	1954 07 29.43090	23 16 36.77	-12 46 29.8	6 675	(4105)	1954 07 02.25069	17 11 59.33	-12 43 57.5	6 675
(3748)	1954 07 29.45555	23 16 36.13	-12 46 35.1	6 675	(4105)	1954 07 02.27569	17 11 58.35	-12 43 56.9	6 675
(3761)	1953 09 16.37326	00 42 38.42	+15 06 39.4	6 675	(4109)	1992 02 04.44306	10 37 32.79	+07 29 02.0	9 675
(3761)	1953 09 16.39722	00 42 37.46	+15 06 28.8	6 675	(4109)	1992 02 04.47535	10 37 31.11	+07 29 10.0	9 675
(3802)	1992 02 04.44306	10 48 43.27	+09 01 41.5	9 675	(4114)	1982 09 14.39444	22 40 21.80	-02 25 06.4	9 675
(3802)	1992 02 04.47535	10 48 41.87	+09 01 53.2	9 675	(4114)	1982 09 14.41528	22 40 20.58	-02 25 06.2	9 675
(3814)	1994 10 01.30868	01 02 12.17	+04 48 07.5	9 675	(4133)	1989 07 29.40174	22 29 40.28	-09 27 33.6	9 675
(3814)	1994 10 01.33837	01 02 10.86	+04 47 57.7	9 675	(4134)	1994 11 07.19583	00 55 38.58	-00 36 53.5	9 675
(3820)	1992 10 21.11389	23 00 55.19	+03 30 46.1	9 675	(4134)	1994 11 07.23438	00 55 37.17	-00 37 02.1	9 675
(3820)	1992 10 21.14878	23 00 54.44	+03 30 42.4	9 675	(4137)	1954 05 23.20729	13 29 16.16	-14 14 48.7	6 675
(3821)	1951 11 08.39236	05 45 31.29	+22 53 53.7	6 675	(4137)	1954 05 23.23229	13 29 15.33	-14 14 45.0	6 675
(3821)	1951 11 08.41736	05 45 30.91	+22 53 54.8	6 675	(4141)	1991 12 02.16603	03 03 46.02	+32 03 19.7	9 675
(3821)	1951 12 27.28264	05 10 20.78	+22 34 29.4	6 675	(4141)	1991 12 02.19670	03 03 44.25	+32 03 09.8	9 675
(3821)	1951 12 27.31181	05 10 19.33	+22 34 29.2	6 675	(4160)	1982 09 14.39444	22 54 02.88	-03 46 53.6	9 675
(3842)	1992 02 04.44306	10 31 20.81	+11 55 59.2	9 675	(4160)	1982 09 14.41528	22 54 01.86	-03 47 02.5	9 675
(3842)	1992 02 04.47535	10 31 19.13	+11 56 02.6	9 675	(4173)	1954 07 29.43090	23 15 56.11	-09 24 57.1	6 675
(3885)	1994 11 07.19583	00 52 59.89	-01 32 24.2	9 675	(4173)	1954 07 29.45555	23 15 55.66	-09 25 02.6	6 675
(3885)	1994 11 07.23438	00 52 58.63	-01 32 29.9	9 675	(4180)	1994 10 01.30868	01 05 47.36	+07 34 42.1	9 675
(3918)	1954 07 02.25069	17 27 52.83	-10 15 42.7	6 675	(4180)	1994 10 01.33837	01 05 45.95	+07 34 26.8	9 675
(3918)	1954 07 02.27569	17 27 51.33	-10 15 44.3	6 675	(4203)	1982 09 14.39444	22 53 32.80	-02 20 00.1	9 675
(3941)	1988 10 07.35521	01 34 03.32	+09 05 31.0	9 675	(4203)	1982 09 14.41528	22 53 31.13	-02 19 58.1	9 675
(3941)	1988 10 07.38160	01 34 02.01	+09 05 21.8	9 675	(4217)	1992 02 28.40087	11 35 47.71	+08 54 49.2	9 675
(3958)	1988 10 07.37465	02 23 44.03	+16 49 13.8	9 675	(4217)	1992 02 28.43264	11 35 45.45	+08 54 50.3	9 675
(3958)	1988 10 07.40069	02 23 42.94	+16 49 16.0	9 675	(4242)	1994 10 01.30868	00 47 09.56	+04 53 56.1	9 675
(3966)	1988 10 07.37465	02 29 50.76	+14 41 18.0	9 675	(4242)	1994 10 01.33837	00 47 08.11	+04 53 45.7	9 675

(4247)	1994 11 07.19583	00 52 29.23	+02 10 47.2	9 675	(4412)	1988 10 07.35521	01 22 00.14	+05 22 15.3	9 675
(4247)	1994 11 07.23438	00 52 28.21	+02 10 41.7	9 675	(4412)	1988 10 07.38160	01 21 58.97	+05 22 07.3	9 675
(4251)	1992 02 04.44306	10 36 04.88	+11 58 25.4	9 675	(4419)	1988 10 07.35521	01 13 16.93	+08 08 01.1	17.5 9 675
(4253)	1989 07 31.45469	23 24 27.96	-11 01 51.6	9 675	(4419)	1988 10 07.38160	01 13 15.78	+08 07 51.9	9 675
(4253)	1989 07 31.47882	23 24 27.20	-11 01 46.2	9 675	(4429)	1989 09 04.36927	00 03 45.71	+01 41 32.2	9 675
(4254)	1989 11 01.11684	23 04 34.48	-00 09 58.5	9 675	(4429)	1989 09 04.40920	00 03 44.03	+01 41 26.2	9 675
(4254)	1989 11 01.19167	23 04 34.95	-00 10 28.8	9 675	(4429)	1989 09 29.21771	23 43 28.89	+00 02 03.4	9 675
(4263)	1951 02 04.26319	08 12 13.46	+18 31 37.1	6 675	(4429)	1989 09 29.26597	23 43 26.26	+00 01 49.4	9 675
(4263)	1951 02 04.28819	08 12 11.69	+18 31 38.7	6 675	(4429)	1989 11 01.11684	23 29 31.98	-01 13 03.2	9 675
(4263)	1989 09 02.44115	23 59 44.30	+08 53 54.4	9 675	(4429)	1989 11 01.19167	23 29 32.29	-01 13 00.8	9 675
(4263)	1989 09 02.47361	23 59 42.52	+08 53 49.3	9 675	(4451)	1954 05 24.17153	12 28 06.82	-12 37 46.1	6 675
(4263)	1989 09 30.22656	23 32 18.49	+06 45 07.6	9 675	(4451)	1954 05 24.21146	12 28 06.48	-12 37 20.3	6 675
(4263)	1989 09 30.26111	23 32 16.60	+06 44 55.8	9 675	(4463)	1988 10 07.31476	01 00 15.20	+04 31 50.3	9 675
(4263)	1989 11 01.11684	23 15 35.97	+04 08 18.4	9 675	(4463)	1988 10 07.33958	01 00 14.06	+04 31 43.2	9 675
(4263)	1989 11 01.19167	23 15 35.56	+04 08 05.2	9 675	(4465)	1988 10 07.31476	00 58 17.65	+02 36 14.8	9 675
(4274)	1954 11 04.47500	06 39 44.72	+33 08 41.5	6 675	(4465)	1988 10 07.33958	00 58 16.21	+02 36 06.9	9 675
(4274)	1954 11 04.49826	06 39 44.86	+33 08 47.7	6 675	(4467)	1988 10 07.37465	02 35 45.99	+13 09 45.3	9 675
(4279)	1989 09 02.44115	00 14 22.43	+09 55 44.5	9 675	(4467)	1988 10 07.40069	02 35 44.73	+13 09 50.8	9 675
(4279)	1989 09 02.47361	00 14 21.18	+09 55 42.1	9 675	(4468)	1951 11 08.41736	05 50 50.58	+23 46 27.0	6 675
(4313)	1954 09 28.27708	23 08 37.48	-18 15 04.8	6 675	(4468)	1951 12 27.28264	05 11 36.29	+23 42 06.6	6 675
(4313)	1954 09 28.30556	23 08 36.15	-18 15 04.8	6 675	(4468)	1951 12 27.31181	05 11 34.54	+23 42 05.1	6 675
(4314)	1988 10 07.31476	00 47 41.80	+08 01 24.9	9 675	(4470)	1989 07 31.45469	23 00 43.18	-08 20 39.5	9 675
(4314)	1988 10 07.33958	00 47 40.46	+08 01 15.5	9 675	(4470)	1989 07 31.47882	23 00 42.73	-08 20 44.9	9 675
(4314)	1992 10 21.11389	23 17 32.07	-01 05 23.7	9 675	(4470)	1989 09 02.32031	22 41 08.69	-10 58 10.1	9 675
(4314)	1992 10 21.14878	23 17 31.38	-01 05 31.2	9 675	(4470)	1989 09 02.35521	22 41 07.09	-10 58 20.8	9 675
(4331)	1951 12 27.28264	05 27 34.68	+25 31 16.5	6 675	(4492)	1954 04 02.37535	13 50 51.14	-18 28 30.9	6 675
(4331)	1951 12 27.31181	05 27 32.74	+25 31 16.9	6 675	(4492)	1954 04 02.39861	13 50 49.89	-18 28 27.5	6 675
(4354)	1954 07 02.27569	17 18 39.95	-13 12 25.3	6 675	(4492)	1954 05 23.23229	13 12 14.20	-15 41 19.9	6 675
(4360)	1989 09 02.44115	00 06 48.83	+02 27 32.6	9 675	(4503)	1990 01 26.29965	09 12 16.53	+26 29 38.5	9 675
(4360)	1989 09 02.47361	00 06 47.51	+02 27 26.8	9 675	(4503)	1990 01 26.33333	09 12 17.72	+26 29 36.3	9 675
(4360)	1989 09 04.36927	00 05 29.97	+02 22 14.1	9 675	(4513)	1992 10 21.11389	23 08 54.22	+01 42 49.2	9 675
(4360)	1989 09 04.40920	00 05 28.23	+02 22 07.5	9 675	(4513)	1992 10 21.14878	23 08 53.76	+01 42 35.6	9 675
(4360)	1989 09 30.22656	23 43 52.54	+00 39 09.6	9 675	(4514)	1994 07 12.39167	20 58 01.71	-20 02 49.9	9 675
(4360)	1989 09 30.26111	23 43 50.73	+00 39 00.1	9 675	(4514)	1994 07 12.42153	20 58 00.30	-20 03 03.0	9 675
(4360)	1989 11 01.11684	23 27 26.58	-00 48 51.9	9 675	(4517)	1994 10 01.30868	00 59 58.55	+02 57 09.0	9 675
(4360)	1989 11 01.19167	23 27 26.06	-00 48 54.2	9 675	(4517)	1994 10 01.33837	00 59 56.56	+02 57 03.9	9 675
(4370)	1951 02 04.26319	08 13 05.59	+15 26 50.9	6 675	(4538)	1988 10 07.37465	02 16 10.23	+15 26 47.2	9 675
(4370)	1951 02 04.28819	08 13 04.07	+15 26 57.7	6 675	(4538)	1988 10 07.40069	02 16 09.22	+15 26 38.4	9 675
(4371)	1951 11 08.39236	05 52 22.11	+24 30 34.7	6 675	(4541)	1954 07 29.43090	23 07 22.80	-13 49 25.5	6 675
(4371)	1951 11 08.41736	05 52 21.57	+24 30 36.1	6 675	(4546)	1988 10 07.31476	00 57 56.79	+06 09 51.4	9 675
(4371)	1988 10 07.37465	02 22 09.60	+12 33 28.4	17.8 9 675	(4546)	1988 10 07.33958	00 57 55.46	+06 09 38.3	9 675
(4371)	1988 10 07.40069	02 22 08.25	+12 33 22.4	9 675	(4550)	1989 07 29.40174	22 33 58.51	-09 24 44.2	9 675
(4386)	1988 10 07.31476	00 59 36.68	+02 59 59.2	17.8 9 675	(4550)	1989 07 29.43056	22 33 57.82	-09 24 48.5	9 675
(4386)	1988 10 07.33958	00 59 35.46	+02 59 55.2	9 675	(4565)	1954 11 24.17708	02 01 10.19	-03 12 54.5	6 675
(4397)	1989 09 02.44115	00 03 33.85	+05 12 34.2	9 675	(4565)	1954 11 24.20035	02 01 09.36	-03 12 58.1	6 675
(4397)	1989 09 02.47361	00 03 32.11	+05 12 29.2	9 675	(4584)	1988 10 07.35521	01 26 52.97	+07 28 06.8	9 675
(4397)	1989 09 30.22656	23 37 07.90	+03 18 23.0	9 675	(4584)	1988 10 07.38160	01 26 51.49	+07 28 04.0	9 675
(4397)	1989 09 30.26111	23 37 06.04	+03 18 13.0	9 675	(4591)	1992 02 04.44306	10 29 44.54	+09 53 57.4	9 675
(4399)	1988 10 07.32257	01 00 32.60	+22 16 45.3	9 675	(4591)	1992 02 04.47535	10 29 42.93	+09 54 06.7	9 675
(4399)	1988 10 07.34757	01 00 31.23	+22 16 33.0	9 675	(4593)	1954 05 24.18715	12 38 05.50	-11 27 14.2	6 675
(4408)	1988 10 07.31476	00 51 03.94	+09 03 45.4	9 675	(4593)	1954 05 24.21146	12 38 05.16	-11 27 11.6	6 675
(4408)	1988 10 07.33958	00 51 02.52	+09 03 33.3	9 675	(4600)	1951 02 04.26319	08 08 40.07	+16 02 19.8	6 675

(4600)	1951 02 04.28819	08 08 38.98	+16 02 28.1	6 675	(4888)	1989 09 02.35521	22 32 15.93	-15 36 44.2	9 675
(4613)	1951 09 08.38958	01 36 31.46	+01 48 37.5	6 675	(4897)	1950 08 14.42361	02 13 45.15	+11 56 21.3	6 675
(4613)	1951 09 08.41736	01 36 31.66	+01 48 27.3	6 675	(4897)	1950 08 14.45104	02 13 45.75	+11 56 20.0	6 675
(4625)	1992 02 04.44306	10 53 46.48	+09 50 50.4	9 675	(4913)	1988 10 07.35521	01 40 07.61	+08 12 54.9	9 675
(4625)	1994 08 04.33108	21 04 44.64	-19 19 45.1	9 675	(4913)	1988 10 07.38160	01 40 06.08	+08 12 49.2	9 675
(4631)	1992 02 28.40087	11 48 50.03	+10 21 49.7	9 675	(4938)	1988 10 07.37465	02 06 24.01	+15 19 52.3	9 675
(4631)	1992 02 28.43264	11 48 48.01	+10 21 57.3	9 675	(4938)	1988 10 07.40069	02 06 22.78	+15 19 42.8	9 675
(4671)	1992 02 04.44306	10 44 35.42	+10 48 18.0	9 675	(4965)	1988 10 07.35521	01 15 19.98	+09 14 17.8	9 675
(4671)	1992 02 04.47535	10 44 33.81	+10 48 23.7	9 675	(4965)	1988 10 07.38160	01 15 18.56	+09 14 09.8	9 675
(4676)	1953 09 16.38889	00 44 48.89	+13 54 25.1	6 675	(4972)	1950 08 14.42361	02 04 18.95	+12 12 37.6	6 675
(4676)	1953 09 16.39722	00 44 48.40	+13 54 21.9	6 675	(4972)	1950 08 14.45104	02 04 19.78	+12 12 41.3	6 675
(4685)	1989 09 29.21771	23 23 43.26	-06 01 43.3	9 675	(4984)	1951 11 08.41736	05 53 31.57	+23 47 09.0	6 675
(4685)	1989 09 29.26597	23 23 41.21	-06 01 53.5	9 675	(4987)	1988 10 07.32257	01 19 19.85	+21 11 18.8	9 675
(4726)	1989 07 29.40174	22 29 46.01	-07 43 07.3	9 675	(4987)	1988 10 07.34757	01 19 18.18	+21 11 13.6	9 675
(4726)	1989 07 29.43056	22 29 44.99	-07 43 11.6	9 675	(4999)	1989 07 29.43056	22 27 38.87	-06 59 39.5	9 675
(4738)	1992 02 28.40087	11 27 34.28	+05 56 18.5	9 675	(5003)	1989 09 29.21771	23 18 36.00	-01 10 31.5	9 675
(4738)	1992 02 28.43264	11 27 32.43	+05 56 23.5	9 675	(5003)	1989 09 29.26597	23 18 33.49	-01 10 49.8	9 675
(4739)	1994 10 01.30868	01 07 08.68	+06 02 49.2	9 675	(5005)	1988 10 07.35521	01 25 27.11	+11 23 10.5	9 675
(4739)	1994 10 01.33837	01 07 07.26	+06 02 39.4	9 675	(5005)	1988 10 07.38160	01 25 25.59	+11 23 02.6	9 675
(4757)	1951 11 08.41736	05 54 14.71	+23 26 21.0	6 675	(5030)	1994 08 05.26605	21 15 15.36	-32 26 46.0	9 675
(4757)	1951 12 27.31181	05 23 38.06	+23 12 29.1	6 675	(5030)	1994 08 05.29549	21 15 13.29	-32 26 52.1	9 675
(4771)	1989 09 02.44115	23 56 17.36	+07 40 40.5	9 675	(5041)	1953 12 10.45000	08 57 22.46	+30 02 07.3	6 675
(4771)	1989 09 02.47361	23 56 15.96	+07 40 36.0	9 675	(5041)	1953 12 10.47396	08 57 22.21	+30 02 09.6	6 675
(4771)	1989 09 30.22656	23 33 57.40	+05 52 39.8	9 675	(5054)	1954 11 04.47500	06 34 04.52	+34 26 00.7	6 675
(4771)	1989 11 01.11684	23 21 27.45	+03 41 40.6	9 675	(5054)	1954 11 04.49826	06 34 04.95	+34 26 08.0	6 675
(4771)	1989 11 01.19167	23 21 27.51	+03 41 31.2	9 675	(5062)	1994 07 12.39167	21 30 56.72	-20 36 52.8	9 675
(4784)	1994 07 12.39167	21 05 16.46	-20 33 11.8	9 675	(5062)	1994 07 12.42153	21 30 55.61	-20 37 01.2	9 675
(4784)	1994 07 12.42153	21 05 14.94	-20 33 15.7	9 675	(5062)	1994 08 04.33108	21 11 27.65	-22 15 02.1	9 675
(4804)	1956 03 11.36736	12 19 10.65	+11 18 04.5	6 675	(5062)	1994 08 04.36181	21 11 25.59	-22 15 10.2	9 675
(4804)	1956 03 11.38943	12 19 09.60	+11 18 12.3	6 675	(5074)	1955 11 11.39792	04 34 27.53	+34 08 57.5	6 675
(4812)	1950 08 14.45104	02 15 40.04	+14 03 13.5	6 675	(5074)	1955 11 11.42153	04 34 26.38	+34 08 57.0	6 675
(4813)	1988 10 07.31476	00 55 17.14	+03 16 39.6	9 675	(5103)	1950 08 14.42361	02 11 06.49	+12 24 41.5	6 675
(4813)	1988 10 07.33958	00 55 15.83	+03 16 37.9	9 675	(5103)	1950 08 14.45104	02 11 07.25	+12 24 42.4	6 675
(4819)	1989 09 02.44115	00 19 03.09	+04 00 35.9	9 675	(5112)	1992 02 28.40087	11 44 16.39	+12 20 07.5	9 675
(4819)	1989 09 02.47361	00 19 01.50	+04 00 34.0	9 675	(5133)	1994 08 05.26605	20 57 51.58	-32 13 16.2	9 675
(4819)	1989 09 30.22656	23 51 16.71	+02 44 29.2	9 675	(5133)	1994 08 05.29549	20 57 49.90	-32 13 31.0	9 675
(4819)	1989 09 30.26111	23 51 14.54	+02 44 21.7	9 675	(5134)	1994 07 12.39167	21 11 27.72	-23 37 13.2	9 675
(4819)	1989 11 01.11684	23 30 23.06	+01 33 12.0	9 675	(5134)	1994 07 12.42153	21 11 26.54	-23 37 24.9	9 675
(4819)	1989 11 01.19167	23 30 22.06	+01 33 10.3	9 675	(5134)	1994 08 05.26605	20 52 32.27	-26 07 22.6	9 675
(4827)	1989 09 02.44115	00 10 12.66	+10 06 51.2	9 675	(5134)	1994 08 05.29549	20 52 30.71	-26 07 32.2	9 675
(4827)	1989 09 02.47361	00 10 11.89	+10 06 46.8	9 675	(5141)	1950 08 14.42361	02 05 40.09	+09 44 41.9	6 675
(4846)	1994 07 12.39167	21 19 24.69	-22 51 55.4	9 675	(5141)	1950 08 14.45104	02 05 40.56	+09 44 43.5	6 675
(4846)	1994 07 12.42153	21 19 23.55	-22 51 59.8	9 675	(5146)	1989 09 02.44115	23 53 15.21	+05 05 56.1	9 675
(4846)	1994 08 04.33108	21 02 55.64	-24 07 20.4	9 675	(5146)	1989 09 02.47361	23 53 13.43	+05 05 54.2	9 675
(4846)	1994 08 04.36181	21 02 54.09	-24 07 26.1	9 675	(5146)	1989 09 30.22656	23 26 54.76	+04 28 10.9	9 675
(4876)	1988 10 07.31476	00 53 40.37	+06 31 12.7	9 675	(5146)	1992 02 04.44306	10 46 46.23	+11 06 02.1	9 675
(4876)	1988 10 07.33958	00 53 39.18	+06 31 04.5	9 675	(5146)	1992 02 04.47535	10 46 44.59	+11 06 02.2	9 675
(4878)	1989 09 02.44115	00 05 05.41	+11 00 08.7	9 675	(5147)	1989 09 04.36927	23 55 39.76	+01 03 30.3	9 675
(4878)	1989 09 02.47361	00 05 04.24	+10 59 59.8	9 675	(5147)	1989 09 04.40920	23 55 37.49	+01 03 25.7	9 675
(4878)	1989 09 30.22656	23 44 46.82	+07 22 01.0	9 675	(5147)	1989 09 29.21771	23 31 57.89	-00 00 06.7	9 675
(4878)	1989 09 30.26111	23 44 45.26	+07 21 40.4	9 675	(5147)	1989 09 29.26597	23 31 55.25	-00 00 14.5	9 675
(4888)	1989 09 02.32031	22 32 18.08	-15 36 36.6	9 675	(5147)	1989 11 01.19167	23 14 42.60	-00 39 25.4	9 675

(5147)	1992 02 04.44306	10 55 00.66	+10 26 15.8	9 675	(5441)	1954 07 02.27569	17 31 04.10	-11 37 47.0	6 675
(5147)	1992 02 04.47535	10 54 59.19	+10 26 19.2	9 675	(5443)	1988 10 07.32257	00 56 29.71	+21 29 16.1	9 675
(5165)	1994 08 04.33108	21 01 50.99	-20 07 24.5	9 675	(5443)	1988 10 07.34757	00 56 28.11	+21 29 11.4	9 675
(5165)	1994 08 04.36181	21 01 49.19	-20 07 35.6	9 675	(5444)	1988 10 07.37465	02 14 55.29	+12 19 19.8	18.0 9 675
(5175)	1954 05 23.20730	13 23 51.05	-15 39 29.3	6 675	(5444)	1988 10 07.40069	02 14 54.00	+12 19 12.9	9 675
(5175)	1954 05 23.23229	13 23 50.90	-15 39 03.9	6 675	(5457)	1953 09 16.37326	00 38 06.47	+10 22 22.1	6 675
(5177)	1994 10 01.30868	00 44 40.32	+09 16 01.9	9 675	(5457)	1953 09 16.39722	00 38 05.37	+10 22 16.6	6 675
(5177)	1994 10 01.33837	00 44 38.48	+09 15 52.1	9 675	(5487)	1994 07 12.39167	21 19 18.25	-18 58 30.1	9 675
(5185)	1954 07 02.25069	17 23 55.93	-13 22 14.5	6 675	(5487)	1994 07 12.42153	21 19 16.77	-18 58 35.5	9 675
(5185)	1954 07 02.27569	17 23 54.88	-13 22 12.9	6 675	(5487)	1994 08 04.33108	20 58 18.19	-20 14 24.2	9 675
(5188)	1992 02 28.40087	11 48 54.69	+10 53 03.1	9 675	(5487)	1994 08 04.36181	20 58 16.35	-20 14 30.2	9 675
(5188)	1992 02 28.43264	11 48 53.22	+10 53 23.4	9 675	(5490)	1988 10 07.31476	00 49 28.51	+07 59 13.8	9 675
(5208)	1953 11 11.20451	00 23 18.77	-19 45 25.7	6 675	(5490)	1988 10 07.33958	00 49 27.03	+07 59 03.1	9 675
(5208)	1953 11 11.22847	00 23 18.35	-19 45 19.5	6 675	(5498)	1988 10 07.37465	02 25 35.76	+14 44 45.1	17.2 9 675
(5219)	1989 09 29.21771	23 41 23.30	-04 38 08.4	9 675	(5498)	1988 10 07.40069	02 25 34.60	+14 44 37.2	9 675
(5219)	1989 09 29.26597	23 41 21.30	-04 38 21.1	9 675	(5509)	1988 10 07.35521	01 30 58.03	+08 44 47.0	17.5 9 675
(5221)	1988 10 07.33958	00 54 24.64	+05 08 38.8	9 675	(5509)	1988 10 07.38160	01 30 56.36	+08 44 36.2	9 675
(5226)	1951 11 08.39236	06 00 05.45	+24 13 58.0	6 675	(5527)	1954 07 29.43090	23 20 02.97	-08 44 54.3	6 675
(5246)	1989 09 02.44115	00 00 10.25	+03 26 25.9	9 675	(5527)	1954 07 29.45555	23 20 02.71	-08 44 59.1	6 675
(5246)	1989 09 02.47361	00 00 09.38	+03 26 06.4	9 675	(5528)	1989 07 29.40174	22 55 37.47	-11 12 32.9	9 675
(5246)	1989 09 04.36927	23 59 24.42	+03 06 31.6	9 675	(5528)	1989 07 29.43056	22 55 36.87	-11 12 44.1	9 675
(5246)	1989 09 04.40920	23 59 23.18	+03 06 06.8	9 675	(5528)	1989 07 31.45469	22 54 52.93	-11 26 51.0	9 675
(5246)	1989 09 29.21771	23 46 03.95	-01 41 34.4	9 675	(5528)	1989 07 31.47882	22 54 52.39	-11 27 01.0	9 675
(5246)	1989 09 29.26597	23 46 02.32	-01 42 06.2	9 675	(5528)	1989 09 02.32031	22 36 02.23	-15 44 30.3	9 675
(5271)	1954 11 24.17708	02 18 56.12	-07 24 55.8	6 675	(5528)	1989 09 02.35521	22 36 00.76	-15 44 46.3	9 675
(5282)	1988 10 07.32257	01 10 23.77	+17 47 05.2	9 675	(5530)	1988 10 07.37465	02 18 55.38	+16 37 10.7	9 675
(5282)	1988 10 07.34757	01 10 22.61	+17 46 51.4	9 675	(5530)	1988 10 07.40069	02 18 54.02	+16 37 11.2	9 675
(5283)	1951 11 08.39236	05 37 41.49	+25 29 22.6	6 675	(5555)	1955 11 11.39792	04 47 56.91	+36 04 28.8	6 675
(5283)	1951 11 08.41736	05 37 40.84	+25 29 26.2	6 675	(5555)	1955 11 11.42153	04 47 55.82	+36 04 33.4	6 675
(5295)	1994 11 07.19583	01 03 09.62	-01 19 12.6	9 675	(5562)	1994 07 12.39167	21 04 41.10	-22 58 33.3	9 675
(5295)	1994 11 07.23438	01 03 08.28	-01 19 14.1	9 675	(5562)	1994 07 12.42153	21 04 39.69	-22 58 44.7	9 675
(5339)	1989 09 04.36927	23 54 21.62	+00 27 56.7	9 675	(5564)	1951 12 27.31181	05 33 34.42	+24 10 57.7	6 675
(5339)	1989 09 04.40920	23 54 19.99	+00 27 48.0	9 675	(5572)	1989 11 01.11684	23 13 18.27	-01 24 54.0	9 675
(5339)	1989 09 29.21771	23 36 43.69	-01 12 17.1	9 675	(5572)	1989 11 01.19167	23 13 18.05	-01 25 08.9	9 675
(5339)	1989 09 29.26597	23 36 41.56	-01 12 29.4	9 675	(5594)	1990 05 25.31024	15 43 14.88	-04 52 16.7	9 675
(5339)	1992 02 04.44306	10 55 20.64	+07 05 56.8	9 675	(5594)	1990 05 25.34010	15 43 13.47	-04 52 15.5	9 675
(5339)	1992 02 04.47535	10 55 19.39	+07 06 01.5	9 675	(5600)	1994 07 12.39167	21 27 05.04	-24 59 27.3	9 675
(5342)	1954 11 24.17708	02 05 56.04	-04 55 09.0	6 675	(5600)	1994 07 12.42153	21 27 04.00	-24 59 42.3	9 675
(5342)	1954 11 24.20035	02 05 55.37	-04 55 11.3	6 675	(5600)	1994 08 05.26605	21 06 50.71	-28 04 38.9	9 675
(5344)	1990 05 25.31024	15 13 56.91	-08 47 07.5	9 675	(5600)	1994 08 05.29549	21 06 48.75	-28 04 52.2	9 675
(5344)	1990 05 25.34010	15 13 55.47	-08 47 02.1	9 675	(5602)	1994 11 07.19583	00 42 35.45	-03 41 37.4	9 675
(5347)	1951 09 08.38958	01 44 03.21	+03 53 33.8	6 675	(5602)	1994 11 07.23438	00 42 34.22	-03 41 40.5	9 675
(5347)	1951 09 08.41736	01 44 02.67	+03 53 24.1	6 675	(5609)	1989 07 29.40174	22 44 10.12	-09 26 26.9	9 675
(5350)	1992 02 04.44306	10 39 52.66	+06 51 18.5	9 675	(5609)	1989 07 29.43056	22 44 09.30	-09 26 31.2	9 675
(5350)	1992 02 04.47535	10 39 51.13	+06 51 22.9	9 675	(5612)	1994 08 05.26605	21 15 09.77	-28 45 46.3	9 675
(5362)	1988 10 07.40799	02 19 17.11	+05 20 19.5	9 675	(5612)	1994 08 05.29549	21 15 07.93	-28 45 55.3	9 675
(5362)	1988 10 07.43455	02 19 16.17	+05 20 11.0	9 675	(5624)	1989 07 29.40174	22 44 29.27	-06 12 01.7	9 675
(5362)	1994 11 07.19583	00 47 23.96	-02 54 40.7	9 675	(5624)	1989 07 29.43056	22 44 28.59	-06 12 10.2	9 675
(5362)	1994 11 07.23438	00 47 22.91	-02 54 44.8	9 675	(5624)	1992 02 04.44306	10 34 09.84	+07 38 00.5	9 675
(5406)	1955 03 24.40833	15 02 28.25	-21 17 50.6	6 675	(5624)	1992 02 04.47535	10 34 08.63	+07 38 14.6	9 675
(5406)	1955 03 24.43264	15 02 28.12	-21 17 48.3	6 675	(5630)	1994 10 01.30868	01 03 57.74	+05 51 51.1	9 675
(5441)	1954 07 02.25069	17 31 05.26	-11 37 42.3	6 675	(5630)	1994 10 01.33837	01 03 56.00	+05 51 39.2	9 675

(5643)	1954 07 02.25069	17 13 02.98	-12 34 02.9	6 675	(6030)	1989 09 04.40920	00 02 47.34	+00 02 16.9	9 675
(5643)	1954 07 02.27569	17 13 01.90	-12 34 08.1	6 675	(6030)	1989 09 29.21771	23 46 10.39	-02 28 32.4	9 675
(5666)	1951 11 08.39236	05 57 13.71	+22 38 47.8	6 675	(6030)	1989 09 29.26597	23 46 08.39	-02 28 50.3	9 675
(5666)	1951 11 08.41736	05 57 13.42	+22 38 45.8	6 675	(6062)	1951 11 08.39236	05 47 59.33	+21 06 07.3	6 675
(5680)	1988 10 07.31476	00 55 17.22	+04 24 45.1	9 675	(6062)	1951 11 08.41736	05 47 58.58	+21 06 08.4	6 675
(5680)	1988 10 07.33958	00 55 16.06	+04 24 39.1	9 675	(6079)	1992 02 04.44306	10 24 20.48	+10 06 36.3	9 675
(5729)	1988 10 07.35521	01 30 33.18	+10 22 30.2	9 675	(6079)	1992 02 04.47535	10 24 18.87	+10 06 35.9	9 675
(5729)	1988 10 07.38160	01 30 32.08	+10 22 18.7	9 675	(6080)	1992 02 04.44306	10 48 56.30	+08 40 52.7	9 675
(5730)	1988 10 07.35521	01 22 20.43	+05 36 46.7	9 675	(6080)	1992 02 04.47535	10 48 55.13	+08 40 57.3	9 675
(5730)	1988 10 07.38160	01 22 19.12	+05 36 39.4	9 675	(6090)	1955 03 24.35903	13 00 09.26	-27 47 28.1	6 675
(5734)	1994 07 12.39167	21 15 00.43	-21 33 52.8	9 675	(6090)	1955 03 24.38403	13 00 08.41	-27 47 28.1	6 675
(5734)	1994 07 12.42153	21 14 59.21	-21 34 06.7	9 675	(6098)	1991 12 02.16603	02 57 22.77	+27 17 48.3	9 675
(5749)	1988 10 07.32257	00 56 24.47	+20 30 13.5	9 675	(6098)	1991 12 02.19670	02 57 21.49	+27 17 34.3	9 675
(5749)	1988 10 07.34757	00 56 23.22	+20 30 05.1	9 675	(6133)	1994 10 01.30868	00 49 05.78	+07 23 01.7	9 675
(5772)	1955 03 24.35903	12 52 49.10	-27 00 28.7	6 675	(6133)	1994 10 01.33837	00 49 04.09	+07 22 49.2	9 675
(5772)	1955 03 24.38403	12 52 47.76	-27 00 25.6	6 675	(6143)	1989 07 29.40174	22 47 33.16	-08 52 36.7	9 675
(5779)	1988 10 07.40799	02 20 43.08	-00 38 07.7	9 675	(6143)	1989 07 29.43056	22 47 32.27	-08 52 41.8	9 675
(5791)	1988 10 07.37465	02 15 30.29	+09 25 42.2	9 675	(6155)	1992 02 04.44306	10 42 59.63	+11 43 48.5	9 675
(5791)	1988 10 07.40069	02 15 29.28	+09 25 36.6	9 675	(6155)	1992 02 04.47535	10 42 58.03	+11 43 57.4	9 675
(5796)	1989 09 04.36927	23 49 48.00	-00 39 24.3	9 675	(6168)	1992 02 04.44306	10 46 15.26	+09 00 03.4	9 675
(5796)	1989 09 04.40920	23 49 45.94	-00 39 34.3	9 675	(6200)	1994 11 07.19583	01 07 26.54	-00 18 47.0	9 675
(5796)	1989 09 29.21771	23 27 51.22	-02 34 51.4	9 675	(6200)	1994 11 07.23438	01 07 24.99	-00 18 31.7	9 675
(5796)	1989 09 29.26597	23 27 48.71	-02 35 03.8	9 675	(6201)	1994 11 07.19583	00 41 32.96	-03 27 20.8	9 675
(5812)	1993 11 16.43108	04 45 41.06	+43 06 52.0	9 675	(6201)	1994 11 07.23438	00 41 31.88	-03 27 20.1	9 675
(5812)	1993 11 16.46858	04 45 38.43	+43 06 50.9	9 675	(6206)	1992 02 04.44306	10 23 07.54	+08 18 02.2	9 675
(5829)	1955 03 24.40833	14 52 14.38	-22 49 08.3	6 675	(6206)	1992 02 04.47535	10 23 06.12	+08 18 10.0	9 675
(5829)	1955 03 24.43264	14 52 13.83	-22 49 12.8	6 675	(6221)	1988 10 07.35521	01 32 03.47	+07 28 02.1	18.5 9 675
(5837)	1988 10 07.37465	02 08 01.36	+09 47 45.2	9 675	(6221)	1988 10 07.38160	01 32 02.38	+07 27 54.6	9 675
(5837)	1988 10 07.40069	02 08 00.31	+09 47 39.9	9 675	(6223)	1989 07 29.40174	22 34 42.81	-05 34 37.1	9 675
(5852)	1953 12 10.45000	08 53 20.65	+31 56 54.0	18.0 6 675	(6223)	1989 07 29.43056	22 34 41.97	-05 34 38.3	9 675
(5852)	1953 12 10.47396	08 53 20.32	+31 57 06.2	6 675	(6226)	1989 09 02.44115	00 21 17.72	+06 27 58.4	9 675
(5866)	1954 05 23.24826	14 23 42.57	-06 32 05.3	18.5 6 675	(6226)	1989 09 02.47361	00 21 16.26	+06 27 53.4	9 675
(5866)	1954 05 23.27199	14 23 41.59	-06 32 02.1	6 675	(6226)	1989 09 30.22656	23 57 04.95	+04 14 57.1	9 675
(5906)	1989 09 02.44115	00 14 13.59	+05 57 59.1	9 675	(6226)	1989 09 30.26111	23 57 02.80	+04 14 46.8	9 675
(5906)	1989 09 02.47361	00 14 12.58	+05 57 51.5	9 675	(6235)	1992 02 04.44306	10 38 44.78	+04 44 01.2	9 675
(5906)	1989 09 30.22656	23 53 37.36	+02 49 26.6	9 675	(6235)	1992 02 04.47535	10 38 43.14	+04 44 07.0	9 675
(5906)	1989 09 30.26111	23 53 35.58	+02 49 09.7	9 675	(6239)	1989 09 04.36927	23 55 57.23	-00 28 52.8	9 675
(5921)	1982 09 14.39444	22 53 49.84	-04 50 23.5	9 675	(6239)	1989 09 04.40920	23 55 44.76	-00 29 28.4	9 675
(5921)	1982 09 14.41528	22 53 48.58	-04 50 29.3	9 675	(6241)	1989 09 02.44115	00 13 30.66	+08 00 15.9	9 675
(5979)	1955 11 11.35069	03 50 48.89	+30 41 35.2	6 675	(6241)	1989 09 02.47361	00 13 29.34	+08 00 16.3	9 675
(5979)	1955 11 11.37431	03 50 47.60	+30 41 30.4	6 675	(6241)	1989 09 30.22656	23 50 56.89	+07 20 57.5	9 675
(5980)	1994 08 04.33108	21 25 12.29	-19 40 30.8	9 675	(6241)	1989 09 30.26111	23 50 55.10	+07 20 52.1	9 675
(5980)	1994 08 04.36181	21 25 10.28	-19 40 35.0	9 675	(6245)	1954 05 24.18715	12 31 06.12	-15 49 40.4	6 675
(5983)	1954 07 29.43090	23 26 35.84	-12 30 03.7	6 675	(6245)	1954 05 24.21146	12 31 05.89	-15 49 34.6	18.5 6 675
(5983)	1954 07 29.45555	23 26 35.39	-12 30 05.5	6 675	(6249)	1954 05 23.20209	13 09 38.95	-10 47 30.5	6 675
(5991)	1951 11 08.39236	05 52 08.99	+24 37 48.8	19.2 6 675	(6249)	1954 05 23.23229	13 09 38.47	-10 47 00.4	6 675
(5991)	1951 11 08.41736	05 52 08.42	+24 37 50.7	6 675	(6251)	1992 02 28.40087	11 18 43.21	+09 37 54.3	9 675
(5991)	1988 10 07.37465	02 27 23.15	+12 06 14.0	9 675	(6251)	1992 02 28.43264	11 18 41.53	+09 38 10.2	9 675
(6002)	1953 09 16.39722	00 33 20.87	+11 37 23.7	6 675	(6258)	1951 02 04.26319	08 11 08.95	+19 13 08.8	6 675
(6004)	1950 08 14.42361	01 54 00.30	+15 05 38.5	6 675	(6258)	1951 02 04.28819	08 11 07.51	+19 13 16.6	6 675
(6004)	1950 08 14.45104	01 54 01.03	+15 05 46.7	6 675	(6258)	1992 02 28.40087	11 24 11.73	+08 08 05.4	9 675
(6030)	1989 09 04.36927	00 02 48.75	+00 02 30.8	9 675	(6258)	1992 02 28.43264	11 24 10.01	+08 08 20.7	9 675

(6279)	1988 10 07.37465	02 24 10.91	+11 43 47.9	9 675	(6450)	1988 10 07.40799	02 24 51.63	+00 37 25.0	9 675
(6279)	1988 10 07.40069	02 24 09.88	+11 43 44.2	9 675	(6450)	1988 10 07.43455	02 24 50.22	+00 37 14.8	9 675
(6280)	1954 11 04.47500	06 27 00.68	+33 49 25.0	6 675	(6452)	1951 11 08.39236	05 35 29.22	+21 19 39.8	18.5 6 675
(6280)	1954 11 04.49826	06 27 01.04	+33 49 31.4	6 675	(6452)	1951 11 08.41736	05 35 28.25	+21 19 37.0	6 675
(6284)	1988 10 07.35521	01 16 44.49	+09 33 51.6	17.5 9 675	(6483)	1954 05 23.24826	14 23 52.51	-08 29 24.4	6 675
(6308)	1954 07 29.43090	23 16 42.93	-08 18 42.1	18.8 6 675	(6483)	1954 05 23.27199	14 23 51.41	-08 29 18.9	6 675
(6308)	1954 07 29.45555	23 16 42.46	-08 18 46.6	6 675	(6499)	1951 11 08.41736	05 48 13.33	+25 25 04.5	18.2 6 675
(6308)	1988 10 07.31476	00 53 53.38	+01 27 28.2	9 675	(6502)	1989 07 29.40174	22 52 17.13	-05 54 13.1	9 675
(6308)	1988 10 07.33958	00 53 52.24	+01 27 20.6	9 675	(6502)	1989 07 29.43056	22 52 16.57	-05 54 18.7	9 675
(6309)	1992 10 21.11389	23 18 34.66	+02 39 54.3	9 675	(6515)	1951 11 08.39236	05 49 27.31	+24 46 05.2	19.0 6 675
(6309)	1992 10 21.14878	23 18 33.76	+02 39 51.1	9 675	(6525)	1988 10 07.37465	02 03 26.71	+14 58 37.8	17.2 9 675
(6311)	1954 04 02.39861	13 45 06.02	-16 18 32.4	6 675	(6525)	1988 10 07.40069	02 03 25.46	+14 58 30.6	9 675
(6320)	1989 07 29.40174	22 50 11.75	-06 50 12.1	9 675	(6526)	1951 02 04.26319	08 17 49.07	+18 39 05.0	6 675
(6320)	1989 07 29.43056	22 50 11.00	-06 50 12.2	9 675	(6526)	1951 02 04.28819	08 17 47.43	+18 39 13.5	17.8 6 675
(6327)	1950 06 13.30729	16 28 03.23	+01 53 37.7	6 675	(6539)	1982 09 14.39444	22 43 41.79	-04 53 03.3	9 675
(6327)	1950 06 13.33333	16 28 02.00	+01 53 27.7	15.2 6 675	(6539)	1982 09 14.41528	22 43 40.83	-04 53 08.3	9 675
(6332)	1989 07 29.40174	22 50 17.09	-10 54 06.0	9 675	(6552)	1950 06 13.30729	16 22 11.93	-02 15 09.0	6 675
(6332)	1989 07 29.43056	22 50 16.26	-10 54 12.2	9 675	(6552)	1950 06 13.33333	16 22 10.68	-02 15 14.8	17.0 6 675
(6332)	1989 07 31.45469	22 49 19.95	-11 01 39.7	9 675	(6562)	1994 08 04.33108	21 14 12.47	-19 53 16.6	9 675
(6332)	1989 07 31.47882	22 49 19.24	-11 01 46.1	9 675	(6562)	1994 08 04.36181	21 14 10.57	-19 53 31.6	9 675
(6332)	1989 09 02.32031	22 23 12.86	-13 38 52.0	9 675	(6573)	1951 02 04.26319	08 19 46.89	+17 10 23.9	6 675
(6332)	1989 09 02.35521	22 23 10.89	-13 39 01.5	9 675	(6573)	1951 02 04.28819	08 19 45.50	+17 10 30.5	18.0 6 675
(6336)	1988 10 07.31476	01 06 45.78	+04 13 17.7	9 675	(6574)	1955 03 25.25278	09 01 05.29	+27 30 29.8	17.5 6 675
(6336)	1988 10 07.33958	01 06 44.13	+04 13 16.3	9 675	(6605)	1954 05 23.24826	14 22 02.65	-09 48 49.0	17.5 6 675
(6343)	1953 09 16.37326	00 27 47.42	+09 35 24.1	6 675	(6605)	1954 05 23.27199	14 22 01.81	-09 48 46.1	6 675
(6364)	1954 05 24.18715	12 29 50.05	-09 48 30.1	6 675	(6621)	1990 05 25.31024	15 19 32.31	-07 56 13.3	9 675
(6364)	1954 05 24.21146	12 29 49.75	-09 48 28.8	17.8 6 675	(6621)	1990 05 25.34010	15 19 30.55	-07 56 09.8	9 675
(6365)	1988 10 07.35521	01 32 38.62	+11 16 14.2	18.5 9 675	(6649)	1955 11 11.35069	03 55 09.41	+32 21 35.7	18.2 6 675
(6365)	1988 10 07.38160	01 32 37.35	+11 16 04.8	9 675	(6649)	1955 11 11.37431	03 55 07.69	+32 21 34.1	6 675
(6373)	1988 10 07.32257	01 13 42.75	+17 08 06.1	9 675	(6715)	1994 07 12.39167	21 04 39.47	-21 32 18.2	9 675
(6373)	1988 10 07.34757	01 13 41.25	+17 08 04.2	9 675	(6715)	1994 07 12.42153	21 04 38.08	-21 32 23.1	9 675
(6373)	1990 01 26.29965	08 58 41.28	+33 05 25.1	9 675	(6731)	1994 08 04.33108	21 02 51.72	-21 09 03.7	9 675
(6373)	1990 01 26.33333	08 58 38.82	+33 05 27.4	9 675	(6731)	1994 08 04.36181	21 02 49.86	-21 09 09.2	9 675
(6373)	1990 02 20.18003	08 31 22.85	+32 23 37.8	9 675	(6750)	1989 11 01.11684	23 05 25.86	-00 30 38.0	9 675
(6373)	1990 02 20.21111	08 31 21.13	+32 23 29.6	9 675	(6750)	1989 11 01.19167	23 05 25.14	-00 30 38.5	9 675
(6391)	1990 01 26.29965	08 56 28.12	+32 56 48.4	9 675	(6753)	1951 11 08.39236	05 36 36.66	+26 53 43.1	6 675
(6391)	1990 01 26.33333	08 56 26.10	+32 57 09.4	9 675	(6753)	1951 11 08.43472	05 36 35.00	+26 53 42.6	6 675
(6397)	1989 07 31.45469	23 10 52.65	-13 18 44.9	9 675	(6757)	1994 11 07.19583	01 01 27.31	+01 01 50.0	9 675
(6397)	1989 07 31.47882	23 10 52.05	-13 18 52.7	9 675	(6757)	1994 11 07.23438	01 01 26.08	+01 01 43.9	9 675
(6397)	1989 09 02.32031	22 46 02.10	-16 24 07.0	9 675	(6786)	1950 08 14.42361	02 05 51.75	+09 35 46.3	6 675
(6397)	1989 09 02.35521	22 45 59.97	-16 24 19.0	9 675	(6786)	1950 08 14.45104	02 05 51.93	+09 35 46.6	6 675
(6420)	1954 05 24.21146	12 24 57.65	-15 16 00.6	18.2 6 675	(6798)	1951 02 04.26319	08 05 24.27	+20 26 15.5	6 675
(6427)	1989 09 29.21771	23 16 55.81	-01 30 45.7	9 675	(6798)	1951 02 04.28819	08 05 22.91	+20 26 20.4	17.8 6 675
(6427)	1989 09 29.26597	23 16 53.20	-01 30 54.6	9 675	(6803)	1954 09 28.29444	23 21 43.77	-19 43 59.4	6 675
(6427)	1989 11 01.11684	23 05 30.93	-01 53 44.7	9 675	(6803)	1954 09 28.30556	23 21 43.33	-19 43 59.9	6 675
(6427)	1989 11 01.19167	23 05 31.61	-01 53 36.6	9 675	(6808)	1994 10 01.30868	00 51 01.00	+02 43 51.3	9 675
(6436)	1989 09 04.36927	23 52 28.22	-04 20 32.4	9 675	(6808)	1994 10 01.33837	00 50 59.04	+02 43 45.1	9 675
(6436)	1989 09 04.40920	23 52 26.15	-04 20 50.8	9 675	(6814)	1994 10 01.30868	00 50 00.26	+05 35 34.8	9 675
(6436)	1989 09 29.21771	23 30 23.34	-07 23 23.1	9 675	(6814)	1994 10 01.33837	00 49 58.90	+05 35 22.6	9 675
(6436)	1989 09 29.26597	23 30 20.75	-07 23 39.4	9 675	(6820)	1989 09 04.36927	23 56 13.00	-00 59 42.1	9 675
(6449)	1982 09 14.39444	22 51 19.32	-03 19 30.6	9 675	(6820)	1989 09 29.21771	23 37 43.16	-03 24 44.6	9 675
(6449)	1982 09 14.41528	22 51 18.10	-03 19 38.1	9 675	(6820)	1989 09 29.26597	23 37 41.00	-03 25 00.3	9 675

(6820)	1994 10 01.30868	00 59 01.75	+04 18 23.1	9 675
(6820)	1994 10 01.33837	00 59 00.30	+04 18 12.7	9 675
(6822)	1994 08 04.33108	21 18 13.60	-20 47 46.5	9 675
(6822)	1994 08 04.36181	21 18 11.95	-20 47 52.0	9 675
(6825)	1988 10 07.31476	00 52 05.45	+07 00 49.5	16.0 9 675
(6825)	1988 10 07.33958	00 52 03.78	+07 00 45.3	9 675
(6825)	1994 07 12.39167	21 16 42.20	-25 09 46.3	9 675
(6825)	1994 07 12.42153	21 16 40.63	-25 09 53.7	9 675
(6825)	1994 08 05.26605	20 52 02.69	-26 30 33.9	9 675
(6831)	1994 07 12.39167	21 17 51.29	-21 48 34.5	9 675
(6831)	1994 07 12.42153	21 17 50.30	-21 48 34.3	9 675
(6831)	1994 08 04.33108	20 59 30.68	-21 45 37.6	9 675
(6831)	1994 08 04.36181	20 59 28.67	-21 45 36.0	9 675
(6845)	1994 11 07.19583	01 05 43.00	-04 04 15.4	9 675
(6845)	1994 11 07.23438	01 05 41.25	-04 04 15.8	9 675
(6849)	1951 12 27.28264	05 16 38.36	+21 04 53.1	6 675
(6849)	1951 12 27.31181	05 16 36.67	+21 04 48.3	6 675
(6853)	1994 08 04.33108	21 31 38.48	-22 28 14.4	9 675
(6853)	1994 08 04.36181	21 31 36.47	-22 28 19.0	9 675
(6862)	1988 10 07.37465	02 08 02.85	+16 23 44.0	9 675
(6862)	1988 10 07.40069	02 08 01.61	+16 23 44.8	9 675
(6872)	1988 10 07.37465	02 22 51.43	+16 24 35.8	9 675
(6872)	1988 10 07.40069	02 22 50.19	+16 24 28.2	9 675
(6878)	1994 11 07.19583	00 54 24.58	-01 01 35.3	9 675
(6878)	1994 11 07.23438	00 54 23.43	-01 01 35.5	9 675
(6910)	1954 04 02.37536	13 39 35.25	-18 42 51.0	6 675
(6910)	1954 04 02.39861	13 39 34.14	-18 42 47.5	17.2 6 675
(6912)	1988 10 07.31476	00 53 51.57	+04 59 25.7	18.2 9 675
(6923)	1988 10 07.35521	01 07 26.66	+06 49 17.0	18.5 9 675
(6923)	1988 10 07.38160	01 07 25.50	+06 49 03.6	9 675
(6925)	1988 10 07.37465	02 24 49.29	+13 34 13.8	9 675
(6925)	1988 10 07.40069	02 24 48.34	+13 34 01.7	9 675
(6927)	1951 09 08.38958	01 41 03.32	+03 56 14.7	17.2 6 675
(6927)	1951 09 08.41736	01 41 02.80	+03 56 06.1	6 675
(6930)	1988 10 07.33958	00 59 00.94	+05 40 38.9	9 675
(6937)	1951 07 31.25972	18 29 11.87	-10 04 11.6	17.2 6 675
(6937)	1951 07 31.28611	18 29 11.04	-10 04 15.4	6 675
(6937)	1994 10 01.30868	00 43 24.47	+07 55 45.7	9 675
(6937)	1994 10 01.33837	00 43 23.19	+07 55 33.4	9 675
(6948)	1992 02 04.44306	10 41 53.56	+12 44 01.7	9 675
(6948)	1992 02 04.47535	10 41 52.10	+12 44 10.1	9 675
(6958)	1988 10 07.35521	01 25 12.89	+10 32 47.2	17.5 9 675
(6958)	1988 10 07.38160	01 25 11.75	+10 32 35.2	9 675
(6959)	1990 01 26.29965	08 57 08.50	+32 58 17.9	9 675
(6959)	1990 01 26.33333	08 57 06.35	+32 58 22.6	9 675
(6959)	1990 02 20.18003	08 32 49.69	+32 55 56.4	9 675
(6959)	1990 02 20.21111	08 32 47.98	+32 55 54.3	9 675
(6994)	1950 08 14.42361	02 04 17.97	+12 38 24.9	6 675
(6994)	1950 08 14.45104	02 04 18.50	+12 38 27.3	6 675
(7014)	1951 02 04.26319	08 11 46.12	+15 30 19.0	6 675
(7014)	1951 02 04.28819	08 11 44.62	+15 30 25.8	18.2 6 675
(7020)	1989 09 04.36927	23 48 08.71	-00 17 08.6	9 675

(7020)	1989 09 04.40920	23 48 06.79	-00 17 24.7	9 675
(7020)	1989 09 29.21771	23 28 20.58	-03 09 59.8	9 675
(7020)	1989 09 29.26597	23 28 18.46	-03 10 17.7	9 675
(7045)	1994 10 01.30868	00 58 32.16	+09 11 34.7	17.8 V 9 675
(7045)	1994 10 01.33837	00 58 30.44	+09 11 27.6	9 675
(7049)	1951 12 27.28264	05 29 24.73	+22 46 34.8	6 675
(7049)	1951 12 27.31181	05 29 22.71	+22 46 37.3	17.5 6 675
(7050)	1988 10 07.35521	01 10 54.37	+06 29 26.0	17.2 9 675
(7050)	1988 10 07.38160	01 10 52.99	+06 29 21.9	9 675
(7070)	1992 02 28.40087	11 39 50.25	+10 18 18.7	9 675
(7070)	1992 02 28.43264	11 39 48.40	+10 18 36.9	9 675
(7081)	1954 05 23.23229	13 27 43.60	-11 58 32.7	18.8 6 675

684 Prescott

P. G. Comba, 1411 Galaxy Lane, Prescott, AZ 86303, U.S.A.

[comba@bsl1.bslnet.com]

0.46-m *f*/4.5 reflector + CCD

GSC

1930 UX	1996 08 06.30635	21 00 05.96	-20 29 33.1	16.8 R	684
1930 UX	1996 08 06.30948	21 00 05.74	-20 29 33.4		684
1930 UX	1996 08 06.31229	21 00 05.55	-20 29 33.7		684
1930 UX	1996 08 07.35225	20 58 56.07	-20 31 15.6		684
1930 UX	1996 08 07.35508	20 58 55.88	-20 31 15.8		684
1930 UX	1996 08 07.35799	20 58 55.68	-20 31 16.1		684
1953 GH	1996 08 06.31794	21 07 18.65	-04 19 11.6	16.9 R	684
1953 GH	1996 08 06.32123	21 07 18.49	-04 19 12.8		684
1953 GH	1996 08 06.32406	21 07 18.37	-04 19 13.8		684
1953 GH	1996 08 07.29275	21 06 35.58	-04 24 50.2		684
1953 GH	1996 08 07.29593	21 06 35.44	-04 24 51.3		684
1953 GH	1996 08 07.29852	21 06 35.33	-04 24 52.1		684
1971 SX ₃	1996 08 11.32464	23 41 00.99	+07 11 57.5	17.3 R	684
1971 SX ₃	1996 08 11.33226	23 41 00.81	+07 11 55.9		684
1971 SX ₃	1996 08 12.32413	23 40 38.69	+07 08 15.2		684
1971 SX ₃	1996 08 12.33240	23 40 38.49	+07 08 13.3		684
1979 QX ₃	1996 08 06.26514	20 57 03.51	-21 28 32.2	15.1 R	E 684
1979 QX ₃	1996 08 06.27429	20 57 02.99	-21 28 31.7		E 684
1992 UK ₁	1996 08 08.21988	18 57 51.07	-15 54 03.6	16.4 R	E 684
1992 UK ₁	1996 08 08.22752	18 57 50.82	-15 54 03.3		E 684
1992 UK ₁	1996 08 08.25279	18 57 50.03	-15 54 01.8		E 684
1992 UK ₁	1996 08 10.21147	18 56 57.16	-15 52 12.9		684
1992 UK ₁	1996 08 10.21862	18 56 56.98	-15 52 12.5		684
1996 MN	1996 08 11.24737	18 57 02.84	-15 53 06.7		684
1996 MN	1996 08 11.25628	18 57 02.62	-15 53 07.0		684
1996 MN	1996 08 12.23528	18 56 44.73	-15 52 18.2	17.8 R	684
1996 MN	1996 08 12.24487	18 56 44.54	-15 52 17.7		684
1996 MN	1996 08 12.25392	18 56 44.37	-15 52 17.4		684
1996 NA	1996 08 07.19624	16 42 39.12	-20 44 46.8	17.6 R	684
1996 NA	1996 08 07.21683	16 42 39.68	-20 45 09.6		684
1996 NA	1996 08 08.18659	16 43 09.78	-21 03 02.1		684
1996 NA	1996 08 08.20269	16 43 10.27	-21 03 19.9		684
1996 OD	1996 08 06.22325	21 03 49.90	-02 39 15.6	19.1 R	684
1996 OD	1996 08 06.23313	21 03 49.31	-02 39 15.6		684
1996 OD	1996 08 07.22868	21 02 54.58	-02 39 08.9		684

1996 OD	1996 08 07.23789	21 02 54.09	-02 39 09.2		684	1996 PE	1996 08 11.28509	20 55 21.58	-20 49 58.2		684
1996 OE	1996 08 06.29005	20 57 14.98	-21 58 10.7	18.9 R	684	1996 PE	1996 08 11.29273	20 55 21.19	-20 50 00.4		684
1996 OE	1996 08 06.29862	20 57 14.45	-21 58 12.6		684	1996 PE	1996 08 11.29825	20 55 20.91	-20 50 02.2		684
1996 OE	1996 08 07.31530	20 56 14.93	-22 02 21.8		684	1996 PE	1996 08 12.27733	20 54 33.15	-20 55 00.8		684
1996 OE	1996 08 07.32352	20 56 14.46	-22 02 23.7		684	1996 PE	1996 08 12.28343	20 54 32.83	-20 55 02.6		684
1996 OF	1996 08 08.26198	20 55 49.91	-23 19 00.4	18.5 R	684	1996 PE	1996 08 12.28997	20 54 32.50	-20 55 04.6		684
1996 OF	1996 08 08.27181	20 55 49.31	-23 19 04.4		684	1996 PG	* 1996 08 07.33450	20 56 20.14	-21 33 10.6		684
1996 OF	1996 08 08.27812	20 55 48.93	-23 19 07.4		684	1996 PG	1996 08 07.34345	20 56 19.66	-21 33 15.1		684
1996 OF	1996 08 10.26618	20 53 50.49	-23 33 45.3		684	1996 PG	1996 08 08.29231	20 55 28.02	-21 41 14.6	19.0 R	684
1996 OF	1996 08 10.27204	20 53 50.16	-23 33 47.5		684	1996 PG	1996 08 08.30267	20 55 27.41	-21 41 19.6		684
1996 OF	1996 08 10.27866	20 53 49.73	-23 33 50.7		684	1996 PG	1996 08 08.31235	20 55 26.86	-21 41 25.1		684
1996 OJ	1996 08 11.30743	20 58 49.26	-17 38 37.9	17.4 R	684	1996 PG	1996 08 10.29096	20 53 39.63	-21 57 47.1		684
1996 OJ	1996 08 11.31392	20 58 48.94	-17 38 39.6		684	1996 PG	1996 08 10.30001	20 53 39.13	-21 57 52.0		684
1996 OJ	1996 08 12.29905	20 58 04.32	-17 42 38.9		684	1996 PZ	* 1996 08 11.28509	20 55 31.47	-20 56 35.3	19.0 R	E 684
1996 OJ	1996 08 12.30590	20 58 04.00	-17 42 40.5		684	1996 PZ	1996 08 11.29273	20 55 31.13	-20 56 34.8		E 684
1996 OJ	1996 08 12.31205	20 58 03.72	-17 42 42.0		684	1996 PZ	1996 08 11.29825	20 55 30.85	-20 56 36.7		E 684
1996 OR	1996 08 06.24418	21 04 05.17	-03 01 22.9	19.1 R	684	1996 PZ	1996 08 12.27733	20 54 39.61	-20 57 22.3		684
1996 OR	1996 08 06.25395	21 04 04.70	-03 01 23.9		684	1996 PZ	1996 08 12.28343	20 54 39.27	-20 57 22.6		684
1996 OR	1996 08 07.25189	21 03 14.48	-03 02 37.2		E 684	1996 PZ	1996 08 12.28997	20 54 38.87	-20 57 23.6		684
1996 OR	1996 08 07.26083	21 03 13.91	-03 02 36.8		E 684	1996 PA ₁	* 1996 08 11.30743	20 57 57.51	-17 36 40.5	16.7 R	684
1996 PB	* 1996 08 06.24418	21 04 09.98	-03 06 23.1	19.5 R	E 684	1996 PA ₁	1996 08 11.31392	20 57 57.17	-17 36 43.8		684
1996 PB	1996 08 06.25395	21 04 09.47	-03 06 28.2		E 684	1996 PA ₁	1996 08 12.29905	20 57 07.26	-17 45 23.9		E 684
1996 PB	1996 08 07.27394	21 03 22.63	-03 13 28.8		684	1996 PA ₁	1996 08 12.30590	20 57 06.90	-17 45 27.5		E 684
1996 PB	1996 08 07.28472	21 03 22.12	-03 13 33.0		684	1996 PA ₁	1996 08 12.31205	20 57 06.57	-17 45 30.8		E 684
1996 PC	* 1996 08 06.24418	21 04 38.42	-02 58 17.7	19.3 R	684	1996 PA ₁	1996 08 13.23289	20 56 20.49	-17 53 33.3		684
1996 PC	1996 08 06.25395	21 04 38.00	-02 58 20.7		684	1996 PA ₁	1996 08 13.25082	20 56 19.54	-17 53 42.7		684
1996 PC	1996 08 07.25189	21 03 51.97	-03 01 57.9		684	1996 PA ₁	1996 08 13.25759	20 56 19.19	-17 53 46.3		684
1996 PC	1996 08 07.26083	21 03 51.53	-03 01 59.3		684	1996 PH ₁	1996 08 13.26744	21 20 46.32	-16 23 24.5	18.4 R	684
1996 PC	1996 08 10.32101	21 01 30.30	-03 13 49.9		684	1996 PH ₁	1996 08 13.27352	21 20 46.00	-16 23 26.5		684
1996 PC	1996 08 10.33117	21 01 29.83	-03 13 52.5		684	1996 PH ₁	1996 08 13.28657	21 20 45.27	-16 23 31.1		684
1996 PD	* 1996 08 06.29005	20 56 40.43	-22 01 13.3	16.0 R	E 684	1996 PJ ₁	1996 08 13.29470	22 31 52.25	-09 11 11.0	19.3 R	684
1996 PD	1996 08 06.29862	20 56 40.00	-22 01 18.0		E 684	1996 PJ ₁	1996 08 13.30127	22 31 51.94	-09 11 12.9		684
1996 PD	1996 08 07.31530	20 55 52.87	-22 10 47.7		684	1996 PJ ₁	1996 08 13.30976	22 31 51.48	-09 11 14.9		684
1996 PD	1996 08 07.32352	20 55 52.46	-22 10 52.2		684	1996 PJ ₂	1996 08 13.26744	21 20 46.53	-16 12 28.7	18.5 R	684
1996 PD	1996 08 10.22803	20 53 39.04	-22 37 23.9		684	1996 PJ ₂	1996 08 13.27352	21 20 46.10	-16 12 27.3		684
1996 PD	1996 08 10.23106	20 53 38.90	-22 37 25.5		684	1996 PJ ₂	1996 08 13.28657	21 20 45.23	-16 12 25.3		684
1996 PD	1996 08 10.23394	20 53 38.76	-22 37 27.0		684	6055 P-L	1996 08 13.29470	22 31 39.84	-09 08 57.3	18.2 R	684
1996 PD	1996 08 11.26961	20 52 51.56	-22 46 41.4		684	6055 P-L	1996 08 13.30127	22 31 39.61	-09 08 58.5		684
1996 PD	1996 08 11.27370	20 52 51.36	-22 46 43.5		684	6055 P-L	1996 08 13.30976	22 31 39.10	-09 09 00.4		684
1996 PD	1996 08 11.27678	20 52 51.22	-22 46 45.0		684	4354 T-3	1996 08 12.29905	20 57 48.89	-17 37 01.0	17.4 R	684
1996 PD	1996 08 12.26316	20 52 06.83	-22 55 25.1		684	4354 T-3	1996 08 12.30590	20 57 48.46	-17 37 03.7		684
1996 PD	1996 08 12.26644	20 52 06.67	-22 55 26.8		684	4354 T-3	1996 08 12.31205	20 57 48.10	-17 37 06.1		684
1996 PD	1996 08 12.26942	20 52 06.53	-22 55 28.3		684	(4267)	1996 07 25.39920	00 20 14.71	+06 06 24.5		684
1996 PE	* 1996 08 06.30635	20 59 28.70	-20 23 30.8	17.1 R	684	(4267)	1996 07 25.40480	00 20 14.97	+06 06 26.8		684
1996 PE	1996 08 06.30948	20 59 28.55	-20 23 31.9		684						
1996 PE	1996 08 06.31229	20 59 28.40	-20 23 32.8		684						
1996 PE	1996 08 07.35225	20 58 36.39	-20 29 12.3		684						
1996 PE	1996 08 07.35508	20 58 36.24	-20 29 13.2		684						
1996 PE	1996 08 07.35799	20 58 36.10	-20 29 14.0		684						
1996 PE	1996 08 10.24245	20 56 13.00	-20 44 34.7		684						
1996 PE	1996 08 10.24607	20 56 12.82	-20 44 35.9		684						
1996 PE	1996 08 10.24938	20 56 12.65	-20 44 36.9		684						

691 Kitt Peak, Steward Observatory

T. Gehrels, Space Sciences Building, University of Arizona, Tucson, AZ 85721,
U.S.A. [tgehrels@lpl.arizona.edu]

Observers T. Gehrels, R. Jedicke, J. V. Scotti, J. Montani

Measurer J. V. Scotti

0.91-m Spacewatch telescope + CCD

GSC

1973 SG ₅	1991 11 06.37737	03 01 09.90	+15 49 18.1	17.5 V	691
1973 SG ₅	1991 11 06.40208	03 01 08.16	+15 49 13.0		691
1973 SG ₅	1991 11 06.42731	03 01 06.38	+15 49 07.7		691
1988 CO ₁	1996 04 17.29717	14 36 19.79	-08 29 53.2		691
1988 CO ₁	1996 04 17.31891	14 36 18.51	-08 29 45.6		691
1988 CO ₁	1996 04 17.34385	14 36 17.14	-08 29 39.4	17.9 V	691
1989 YA ₅	1996 01 21.39967	09 31 47.06	+06 35 42.3	16.5 V	691
1992 AV ₆	* 1992 01 01.50868	09 26 22.25	+17 45 23.4	19.0 V	691
1992 AV ₆	1992 01 01.53000	09 26 21.75	+17 45 34.8		691
1992 AV ₆	1992 01 01.55299	09 26 21.18	+17 45 46.7		691
1992 AV ₆	1992 01 30.43397	09 05 41.97	+22 46 46.6	18.4 V	691
1992 AV ₆	1992 01 30.45999	09 05 40.43	+22 47 03.3		691
1992 AV ₆	1992 01 30.48612	09 05 38.89	+22 47 19.8		691
1992 JV ₄	* 1992 05 06.25729	14 47 00.68	-10 45 37.9	20.3 V	691
1992 JV ₄	1992 05 06.27796	14 46 59.38	-10 45 32.2		691
1992 JV ₄	1992 05 06.29942	14 46 58.08	-10 45 26.5		691
1993 WS	* 1993 11 20.33337	03 28 32.73	+14 18 15.5	20.4 V	691
1993 WS	1993 11 20.35549	03 28 31.31	+14 18 10.2		691
1993 WS	1993 11 20.38249	03 28 29.62	+14 18 04.4		691
1994 TG ₁₇	1994 10 02.37022	01 01 01.41	+03 29 23.8		691
1994 TG ₁₇	1994 10 02.39319	01 01 00.34	+03 29 16.5	17.4 V	691
1994 TG ₁₇	1994 10 02.41622	01 00 59.36	+03 29 09.2		691
1996 AE ₄	1995 12 23.26568	08 40 05.37	+16 25 47.9		691
1996 AE ₄	1995 12 23.28722	08 40 04.84	+16 25 50.3	17.6 V	691
1996 AE ₄	1995 12 23.30888	08 40 04.30	+16 25 52.8		691
1996 AD ₈	1995 12 16.18953	03 11 31.03	+16 16 47.1		691
1996 AD ₈	1995 12 16.21119	03 11 30.32	+16 16 45.6	18.0 V	691
1996 DV ₆	1995 12 31.46506	10 11 23.43	+06 47 09.1	17.0 V	691
1996 DV ₆	1995 12 31.47940	10 11 23.44	+06 47 12.9		691
1996 DV ₆	1995 12 31.49259	10 11 23.46	+06 47 16.5		691
1996 KQ	1996 03 12.48064	14 38 14.29	-08 24 06.7	18.2 V	691
1996 KQ	1996 03 12.49559	14 38 14.21	-08 24 02.6		691
1996 KQ	1996 03 12.51052	14 38 14.12	-08 23 58.7		691
1996 KQ	1996 03 27.44947	14 34 15.63	-07 05 17.2	17.7 V	691
1996 KQ	1996 03 27.47492	14 34 14.88	-07 05 07.8		691
1996 KQ	1996 03 27.49988	14 34 14.14	-07 04 58.5		691
1996 LO	1995 04 24.15247	12 43 00.36	+00 01 52.1	16.8 V	691
1996 LO	1995 04 24.18424	12 42 59.10	+00 02 04.1		691
1996 LO	1995 04 24.21579	12 42 57.83	+00 02 15.7		691
1996 MR	1995 03 01.39340	11 43 30.53	+05 39 42.5	19.8 V	691
1996 MR	1995 03 01.41497	11 43 29.38	+05 39 50.2		691
1996 MR	1995 03 01.45050	11 43 27.60	+05 40 04.6		691

693 University of Arizona, Catalina Station

C. W. Hergenrother, Space Sciences Building, University of Arizona, Tucson, AZ
85721, U.S.A. [chergen@lpl.arizona.edu]

Observers T. B. Spahr, C. W. Hergenrother

Measurers C. W. Hergenrother

0.41-m $f/3$ Schmidt

GSC

1987 HE	1994 06 01.21400	15 14 21.43	+22 42 48.5		693
1987 HE	1994 06 01.24259	15 14 20.50	+22 42 43.0		693
1987 HE	1994 06 09.20289	15 11 01.11	+22 04 56.0	F	693

1987 HE	1994 06 09.23565	15 11 00.55	+22 04 41.6		F 693
1993 SU ₂	1995 04 01.13634	09 11 32.16	+02 59 56.3		693
1993 SU ₂	1995 04 01.19190	09 11 31.59	+03 00 03.2		693

696 F. L. Whipple Observatory, Mount Hopkins

B. G. Marsden, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street,
Cambridge, MA 02138, U.S.A. [bmarsden@cfa.harvard.edu]

Observers C. W. Hergenrother, C. P. de Saint-Aignan

Measurer G. V. Williams

1.2-m reflector + CCD

GSC

1989 RC	1996 07 24.15875	15 46 51.69	-05 19 06.3		696
1989 RC	1996 07 24.16065	15 46 51.82	-05 19 08.6	I	696
1989 RC	1996 07 24.16259	15 46 51.88	-05 19 11.2		696
1989 RC	1996 07 24.16447	15 46 51.99	-05 19 13.4	F	696
1991 VK	1996 07 25.45284	00 40 57.57	+10 47 13.6	t	696
1991 VK	1996 07 25.46279	00 40 58.18	+10 47 19.3	F	696
1995 LG	1996 07 24.16828	15 57 37.12	-02 13 47.1	t	696
1995 LG	1996 07 24.17014	15 57 36.63	-02 13 43.3	t	696
1996 OE	1996 07 25.34330	21 08 40.46	-21 04 00.2	f	696
1996 OE	1996 07 25.35115	21 08 40.03	-21 04 02.1		696
(887)	1996 07 25.34330	21 08 23.44	-21 05 25.9	I	696
(887)	1996 07 25.35115	21 08 23.01	-21 05 29.1		696

704 Lincoln Laboratory Experimental Test System, New Mexico

R. Weber, MIT Lincoln Laboratory, 244 Wood Street, Lexington, MA 02173,
U.S.A. [rweber@ll.mit.edu]

Observers R. Weber, F. Shelly, D. Beatty, L. Ramzel

Measurers R. Weber, F. Shelly, D. Harris

1.0-m $f/2.1$ reflector + CCD

1995 QB ₁₀	1996 07 18.40559	04 36 06.37	+33 17 17.0	19.5 V	704
1995 QB ₁₀	1996 07 18.41604	04 36 07.64	+33 17 18.7	19.5 V	704
1995 QB ₁₀	1996 07 18.42649	04 36 08.84	+33 17 23.1	19.5 V	704

709 W & B Observatory, Cloudcroft

W. Offutt, P.O. Drawer 1130, Cloudcroft, NM 88317, U.S.A.

[offutt@galileo.apo.nmsu.edu]

0.60-m $f/7$ Ritchey-Chrétien + CCD

GSC

1995 ES	1996 08 06.17462	20 13 55.42	-29 58 32.5	18.6 V	I 709
1995 ES	1996 08 06.18041	20 13 55.00	-29 58 32.2	18.8 V	709
1995 ES	1996 08 06.18619	20 13 54.60	-29 58 32.9	18.7 V	709
1995 ES	1996 08 06.19198	20 13 54.22	-29 58 32.6	18.8 V	709
1995 ES	1996 08 06.19777	20 13 53.82	-29 58 32.6	18.6 V	709
1995 ES	1996 08 06.20934	20 13 53.06	-29 58 32.8	19.3 V	I 709
1995 ES	1996 08 06.21513	20 13 52.63	-29 58 32.6	18.8 V	709
1995 ES	1996 08 06.22091	20 13 52.23	-29 58 33.0	18.7 V	709
1995 ES	1996 08 06.22670	20 13 51.85	-29 58 32.9	18.8 V	709
1995 QB ₁₀	1996 08 21.37759	05 36 50.86	+35 24 56.4	20.3 V	709
1995 QB ₁₀	1996 08 21.38157	05 36 51.22	+35 24 56.9	20.1 V	I 709
1995 QB ₁₀	1996 08 21.41889	05 36 54.96	+35 25 04.0	19.5 V	709

710 Florissant

B. D. Warner, Box 818, Florissant, CO 80816, U.S.A.

[71511.515@compuserve.com]

0.25-m *f*/6.3 Schmidt-Cassegrain

GSC

(12)	1996 08 10.24583	19 29 13.65	-04 52 44.1	710
(12)	1996 08 11.19687	19 28 50.64	-04 55 39.1	710
(52)	1996 08 12.16701	18 40 37.01	-19 57 37.2	710
(52)	1996 08 13.16215	18 40 14.36	-20 00 08.3	710
(132)	1996 08 04.16701	19 59 47.35	+06 26 33.4	710
(132)	1996 08 06.16215	19 58 03.57	+06 22 46.6	710
(133)	1996 08 12.21007	21 07 22.91	-17 08 58.5	710
(133)	1996 08 13.20729	21 06 31.74	-17 10 02.4	710
(181)	1996 08 12.16215	17 55 50.93	-07 28 58.2	710
(181)	1996 08 13.15660	17 55 37.80	-07 34 34.2	710
(252)	1996 08 10.22812	17 34 08.94	-10 38 11.6	710
(252)	1996 08 11.17465	17 34 06.56	-10 40 57.3	710
(304)	1996 08 04.16146	14 22 24.15	+02 47 53.1	710
(304)	1996 08 06.15660	14 24 32.61	+02 27 41.0	710
(415)	1996 08 10.22257	18 33 54.31	-19 51 41.7	710
(415)	1996 08 11.16979	18 33 25.79	-19 54 22.5	710
(466)	1996 08 12.18229	19 30 32.92	-17 56 28.0	710
(466)	1996 08 13.17743	19 29 56.00	-17 54 32.7	710
(547)	1996 08 12.19340	21 57 48.80	+09 34 59.5	710
(547)	1996 08 13.19062	21 57 08.47	+09 28 14.2	710
(582)	1996 08 11.19132	18 32 26.95	+06 10 19.4	710
(694)	1996 08 12.19826	22 14 16.33	+23 39 44.6	710
(694)	1996 08 13.19549	22 13 49.85	+23 42 20.9	710
(790)	1996 08 10.25104	21 12 43.78	+14 25 38.4	710
(790)	1996 08 11.20174	21 12 00.18	+14 24 56.9	710
(790)	1996 08 12.18785	21 11 14.98	+14 23 59.8	710
(790)	1996 08 13.18438	21 10 29.46	+14 22 47.9	710
(798)	1996 08 10.21632	18 33 32.91	-10 29 52.2	710
(798)	1996 08 11.16493	18 33 15.21	-10 32 33.8	710
(837)	1996 08 17.20243	22 15 33.80	-00 49 17.2	710
(837)	1996 08 19.22465	22 13 50.16	-01 02 51.0	710
(888)	1996 08 12.17188	19 03 51.99	-19 48 54.1	710
(888)	1996 08 13.16701	19 03 18.27	-19 54 09.3	710
(914)	1996 08 10.25799	19 50 32.70	+21 16 01.8	710
(914)	1996 08 11.20729	19 49 44.41	+21 17 10.3	710
(945)	1996 08 17.22465	22 47 21.47	+14 02 09.2	710
(945)	1996 08 19.23021	22 45 07.53	+14 13 21.3	710
(1019)	1996 08 04.17465	20 44 43.46	-03 42 01.5	710
(1019)	1996 08 06.16701	20 42 47.25	-04 42 07.7	710
(1151)	1996 08 10.23438	20 16 58.92	-04 48 39.0	710
(1151)	1996 08 11.18576	20 16 17.97	-04 51 57.4	710
(1177)	1996 08 04.21076	21 12 13.80	+04 19 09.5	710
(1177)	1996 08 06.19340	21 10 47.51	+04 16 47.3	710
(1252)	1996 08 17.19062	21 08 23.18	-13 49 15.0	710
(1252)	1996 08 19.20729	21 06 42.20	-14 19 06.7	710
(1505)	1996 08 04.20521	20 30 54.28	+02 55 24.1	710
(1505)	1996 08 06.18854	20 29 09.20	+02 51 49.4	710

(1505)	1996 08 17.18438	20 20 15.15	+02 19 22.4	710
(1505)	1996 08 19.20174	20 18 49.79	+02 11 27.9	710
(1874)	1996 08 04.18090	19 17 21.27	-16 50 45.9	710
(1874)	1996 08 06.17257	19 16 06.97	-16 58 28.3	710
(1987)	1996 08 12.20451	20 46 51.81	-17 32 42.4	710
(1987)	1996 08 13.20174	20 45 20.90	-17 17 28.1	710
(2105)	1996 08 17.23090	21 44 21.26	+32 00 23.7	710
(2105)	1996 08 19.23576	21 41 51.77	+32 10 49.9	710
(3139)	1996 08 17.20938	21 12 45.80	+13 54 07.3	T 710
(3578)	1996 08 04.18715	19 30 39.08	-12 23 07.3	710
(3578)	1996 08 06.17813	19 29 00.84	-12 12 23.2	710
(3578)	1996 08 12.17743	19 24 34.38	-11 41 48.4	710
(3578)	1996 08 13.17257	19 23 55.07	-11 37 00.1	710
(4080)	1996 08 17.19618	21 12 37.43	-06 46 22.3	710
(4080)	1996 08 19.21285	21 11 10.88	-06 56 57.0	710
(4179)	1996 08 17.21632	20 00 06.67	-20 46 02.3	710
(4179)	1996 08 19.19687	19 56 03.49	-20 59 14.2	710
(4583)	1996 08 17.15937	20 35 12.11	-14 51 12.7	710
(4583)	1996 08 19.17049	20 34 00.39	-15 03 24.7	710
(5851)	1996 08 06.18299	20 06 26.74	-05 04 11.2	710
(5851)	1996 08 17.16701	20 00 18.26	-07 12 17.7	710
(5851)	1996 08 19.17813	19 59 28.55	-07 36 01.2	710
(6266)	1996 08 17.17257	20 46 21.87	-11 44 25.9	710
(6266)	1996 08 19.18368	20 45 04.97	-12 00 25.7	710
(6463)	1996 08 10.26354	20 26 46.99	-10 07 01.6	710
(6463)	1996 08 11.21354	20 25 52.03	-10 05 12.5	710
(6463)	1996 08 17.17813	20 20 25.76	-09 55 00.1	710
(6463)	1996 08 19.19062	20 18 44.99	-09 51 58.1	710

711 McDonald ObservatoryA. L. Whipple, McDonald Observatory, University of Texas, Austin, TX 78712,
U.S.A. [alw@astro.as.utexas.edu]

Observers P. J. Shelus, A. L. Whipple

0.76-m telescope with Prime Focus Corrector + CCD

GSC 1.1

1987 PA	1996 08 21.40299	22 32 58.22	+18 58 50.3	711
1987 PA	1996 08 21.40970	22 32 57.61	+18 58 59.1	711
1989 RC	1996 08 21.15697	16 49 10.12	-19 04 35.4	711
1989 RC	1996 08 21.16247	16 49 11.26	-19 04 46.4	711
1989 RC	1996 08 22.11913	16 52 43.80	-19 38 02.0	711
1989 RC	1996 08 22.12429	16 52 44.91	-19 38 13.1	711
1989 RS ₁	1996 08 21.33742	21 47 02.82	+04 24 32.4	711
1989 RS ₁	1996 08 21.34079	21 47 03.14	+04 24 30.0	711
1989 RS ₁	1996 08 22.34214	21 48 52.54	+04 12 03.6	711
1989 RS ₁	1996 08 22.34555	21 48 52.88	+04 12 01.0	711
1989 UQ	1996 08 21.45909	03 05 45.27	+18 31 26.4	711
1989 UQ	1996 08 21.47044	03 05 45.85	+18 31 26.9	711
1991 CS	1996 08 21.44760	01 01 54.02	+47 13 05.8	711
1991 CS	1996 08 21.45086	01 01 56.41	+47 12 34.4	711
1991 VK	1996 08 22.43684	00 59 28.52	+15 52 43.0	711
1991 VK	1996 08 22.44756	00 59 28.71	+15 52 49.8	711
1992 QN	1996 08 22.45755	01 20 58.15	+05 46 14.4	711
1992 QN	1996 08 22.46616	01 20 57.56	+05 46 15.8	711

1994 PC	1996 08 21.44045	00 46 29.43	-26 20 10.3	711
1994 PC	1996 08 21.44340	00 46 30.27	-26 20 17.9	711
1994 TB	1996 07 13.36385	23 36 12.68	+05 42 12.2	711
1994 TB	1996 07 13.38804	23 36 12.61	+05 42 12.7	711
1994 TB	1996 07 13.42573	23 36 12.54	+05 42 13.0	711
1994 TB	1996 07 13.43455	23 36 12.54	+05 42 12.0	711
1994 TB	1996 07 13.44206	23 36 12.48	+05 42 12.7	711
1995 QY ₉	1996 07 12.37676	23 00 18.69	-06 21 14.2	711
1995 QY ₉	1996 07 12.38858	23 00 18.67	-06 21 14.3	711
1995 QY ₉	1996 07 12.40372	23 00 18.68	-06 21 14.5	711
1995 QY ₉	1996 07 12.41186	23 00 18.57	-06 21 13.5	711
1995 QY ₉	1996 07 12.42003	23 00 18.56	-06 21 14.4	711
1995 QY ₉	1996 07 12.42876	23 00 18.51	-06 21 15.0	711
1995 QY ₉	1996 07 12.43670	23 00 18.57	-06 21 15.3	711
1995 QY ₉	1996 07 13.32880	23 00 15.91	-06 21 30.3	711
1995 QY ₉	1996 07 13.35384	23 00 15.78	-06 21 30.1	711
1995 QY ₉	1996 07 13.39900	23 00 15.67	-06 21 30.7	711
1995 QY ₉	1996 07 13.40715	23 00 15.60	-06 21 30.5	711
1995 QY ₉	1996 07 13.41516	23 00 15.55	-06 21 30.9	711
1996 PW	1996 08 21.37610	22 19 41.61	-16 03 18.8	711
1996 PW	1996 08 21.38327	22 19 41.53	-16 03 27.0	711
1996 PW	1996 08 22.38324	22 19 34.04	-16 22 14.9	711
1996 PW	1996 08 22.39045	22 19 33.98	-16 22 22.9	711
1996 PC ₁	1996 08 21.34430	21 46 33.24	-00 36 22.4	711
1996 PC ₁	1996 08 21.34723	21 46 31.94	-00 35 28.9	711
1996 PC ₁	1996 08 22.34881	21 39 18.32	+04 35 09.9	711
1996 PC ₁	1996 08 22.35172	21 39 16.93	+04 36 05.1	711
1996 PH ₂	1996 08 21.29334	21 00 32.25	-10 11 16.4	711
1996 PH ₂	1996 08 21.29947	21 00 31.91	-10 11 07.2	711
1996 PH ₂	1996 08 22.26860	20 59 50.22	-09 47 54.6	711
1996 PH ₂	1996 08 22.27479	20 59 49.93	-09 47 46.3	711
(253)	1996 08 21.11399	15 03 34.37	-10 39 55.6	711
(253)	1996 08 21.11681	15 03 34.55	-10 39 56.9	711
(253)	1996 08 22.09846	15 04 43.45	-10 46 11.8	711
(253)	1996 08 22.10122	15 04 43.64	-10 46 13.0	711
(751)	1996 08 21.47754	02 49 50.97	-04 09 28.1	711
(751)	1996 08 21.48029	02 49 51.09	-04 09 28.6	711
(2703)	1996 08 21.41476	23 20 40.35	-15 21 58.2	711
(2703)	1996 08 21.41804	23 20 40.17	-15 21 59.4	711
(2703)	1996 08 22.40759	23 19 46.65	-15 27 55.7	711
(2703)	1996 08 22.41099	23 19 46.45	-15 27 56.9	711
(3840)	1996 08 21.12065	15 56 30.20	-23 52 56.6	711
(3840)	1996 08 21.12533	15 56 30.57	-23 52 57.6	711
(3840)	1996 08 22.10504	15 57 50.74	-23 56 32.1	711
(3840)	1996 08 22.10976	15 57 51.12	-23 56 33.0	711
(3908)	1996 08 21.30414	21 06 07.76	-05 59 12.7	711
(3908)	1996 08 21.30725	21 06 07.55	-05 59 10.9	711
(3908)	1996 08 22.28282	21 05 14.27	-05 49 51.2	711
(3908)	1996 08 22.28567	21 05 14.07	-05 49 49.5	711
(4179)	1996 08 20.21734	19 53 57.91	-21 05 52.1	711
(4179)	1996 08 21.27774	19 51 47.75	-21 12 40.2	711
(4179)	1996 08 21.28039	19 51 47.40	-21 12 41.0	711

(4179)	1996 08 22.25862	19 49 48.49	-21 18 51.1	711
(4947)	1996 08 21.35509	22 18 17.27	+44 25 52.9	711
(4947)	1996 08 21.36651	22 18 16.84	+44 25 59.3	711

721 Lime Creek

R. Linderholm, R2 Box 79, Cambridge, NE 69022, U.S.A.

[lindh@csb.cambridge.ne.us]

0.25-m *f*/3.3 Schmidt-Cassegrain + CCD

GSC

1996 NO ₁	1996 08 08.19236	21 44 20.88	+00 14 59.3	18.2 V	721
1996 NO ₁	1996 08 08.26150	21 44 17.16	+00 14 49.2		721
1996 PF	* 1996 08 06.25889	21 56 31.89	-04 38 37.6	18.4 V	721
1996 PF	1996 08 06.28870	21 56 30.26	-04 38 41.9		721
1996 PF	1996 08 08.17869	21 54 49.03	-04 43 28.9	18.3 V	721
1996 PF	1996 08 08.24493	21 54 45.43	-04 43 42.2		721
1996 PF	1996 08 12.20953	21 51 05.89	-04 55 06.5	18.3 V	721
1996 PF	1996 08 12.28385	21 51 01.58	-04 55 19.5		721
1996 PF	1996 08 12.32605	21 50 59.13	-04 55 28.8		721
1996 PF	1996 08 13.17651	21 50 11.36	-04 58 08.8	18.4 V	721
1996 PF	1996 08 13.22608	21 50 08.51	-04 58 18.0		721
1996 PE ₁	* 1996 08 12.20953	21 50 59.10	-04 52 31.2	18.4 V	721
1996 PE ₁	1996 08 12.28385	21 50 55.05	-04 52 58.2		721
1996 PE ₁	1996 08 12.32605	21 50 52.70	-04 53 14.4		721
1996 PE ₁	1996 08 13.17651	21 50 07.74	-04 58 38.4	18.4 V	721
1996 PE ₁	1996 08 13.22608	21 50 04.97	-04 58 57.9		721
1996 PC ₃	1996 08 20.19082	22 28 14.55	-07 16 41.4	18.3 V	721
1996 PC ₃	1996 08 20.23851	22 28 10.63	-07 16 26.1		721
1996 PC ₃	1996 08 20.28014	22 28 07.02	-07 16 10.6		721
1996 PC ₃	1996 08 21.17657	22 26 51.56	-07 11 02.0	18.2 V	721
1996 PC ₃	1996 08 21.21353	22 26 48.44	-07 10 48.4		721
1996 PC ₃	1996 08 21.25345	22 26 44.93	-07 10 35.4		721
1996 QL	* 1996 08 18.19835	22 30 06.74	-06 58 20.9	18.3 V	721
1996 QL	1996 08 18.24404	22 30 04.35	-06 58 30.1		721
1996 QL	1996 08 18.29781	22 30 01.44	-06 58 41.5		721
1996 QL	1996 08 20.19082	22 28 23.28	-07 05 25.8		721
1996 QL	1996 08 20.28014	22 28 18.44	-07 05 46.0		721
1996 QL	1996 08 21.17657	22 27 31.65	-07 08 59.9	18.0 V	721
1996 QL	1996 08 21.25345	22 27 27.56	-07 09 18.5		721
(3059)	1996 08 18.23356	22 30 22.08	-07 05 46.1	16.2 V	721
(3059)	1996 08 18.26653	22 30 20.26	-07 06 01.1		721
(3059)	1996 08 18.29781	22 30 18.62	-07 06 10.5		721
(3059)	1996 08 20.19082	22 28 37.87	-07 17 52.0		721
(3059)	1996 08 20.28014	22 28 32.87	-07 18 25.4		721

735 George Observatory, Needville

W. G. Dillon, Fort Bend Astronomy Club, P.O. Box 942, Stafford, TX 77497-0942,

U.S.A. [bdillon@houston.geoquest.slb.com]

Observers D. Borgman, K. Rivich, W. G. Dillon, R. Pepper

Measurers D. Borgman, K. Rivich

0.46-m reflector + CCD

GSC

1996 NR	1996 08 04.18194	19 10 40.14	-26 00 55.4		735
1996 NR	1996 08 04.19583	19 10 39.62	-26 00 58.8	I	735

1996 NR	1996 08 05.12292	19 10 06.82	-26 05 19.5	18.0 R	735
1996 NR	1996 08 05.17153	19 10 04.91	-26 05 33.2	I	735
1996 NR	1996 08 05.18889	19 10 04.31	-26 05 39.0	18.3 R	735
1996 PL ₁	* 1996 08 11.21458	19 59 05.05	-22 09 59.4	19.0 R	735
1996 PL ₁	1996 08 11.23958	19 59 03.96	-22 10 02.7	18.7 R	735
1996 PL ₁	1996 08 11.29237	19 59 01.57	-22 10 09.5	18.9 R	735
1996 PL ₁	1996 08 13.12014	19 57 46.53	-22 13 49.5	18.9 R	735
1996 PL ₁	1996 08 13.13056	19 57 46.09	-22 13 50.8	18.9 R	735
1996 PL ₁	1996 08 13.14931	19 57 45.31	-22 13 53.2	18.8 R	735
1996 PL ₁	1996 08 16.11111	19 55 56.07	-22 18 59.9	18.6 R	735
1996 PL ₁	1996 08 16.12500	19 55 55.67	-22 19 01.0	18.3 R	735
1996 PL ₁	1996 08 16.13889	19 55 55.15	-22 19 02.1	18.5 R	735
1996 PL ₁	1996 08 18.24444	19 54 47.73	-22 22 02.4	18.9 R	735
1996 PL ₁	1996 08 18.25833	19 54 47.31	-22 22 03.6	18.7 R	735
1996 PL ₁	1996 08 18.27222	19 54 46.87	-22 22 05.2	18.6 R	735

760 Goethe Link

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,
U.S.A. [elgb@lowell.edu]

Observers H. S. Charlip, C. L. Perry

Measurer P. W. Tracadas

0.25-m refractor

PDS scanning microdensitometer

PPM, global solutions

(4848)	1954 05 30.15722	14 11 22.54	-04 17 27.4	F	760
(4848)	1954 05 30.19924	14 11 21.42	-04 17 25.4		760

776 Foggy Bottom Observatory

T. J. Balonek, Dept. of Physics and Astronomy, Colgate University, Hamilton, NY
13346, U.S.A. [tbalonek@colgate.edu]

Observers T. J. Balonek, T. Tongue, S. Strom

Measurers L. W. Brenneman, T. J. Balonek

0.40-m *f*/13 Cassegrain reflector + CCD

1992 GF	1992 04 07.10623	12 49 17.75	-04 59 45.8		776
1992 GF	1992 04 07.11513	12 49 17.25	-04 59 33.4		776
1992 GF	1992 04 07.15507	12 49 15.36	-04 58 42.5	r	776
1992 GF	1992 04 07.17331	12 49 14.56	-04 58 20.3	r	776
1992 GF	1992 04 07.18741	12 49 13.94	-04 58 01.9		776
1992 GF	1992 04 07.20088	12 49 13.10	-04 57 43.7	r	776
1992 GF	1992 04 07.21429	12 49 12.73	-04 57 26.7	r	776
1992 GF	1992 04 09.14169	12 47 50.61	-04 16 29.6	r	776
1992 GF	1992 04 09.15294	12 47 49.97	-04 16 14.6	17.8 V	I 776
1992 GF	1992 04 09.15947	12 47 49.69	-04 16 05.8	I	776
1992 GF	1992 04 09.17336	12 47 49.49	-04 15 51.8	17.5 V	r 776
1992 GF	1992 04 09.17634	12 47 48.96	-04 15 46.8	r	776
1992 HC ₇	* 1992 04 27.21258	12 36 58.74	+01 51 37.3		776
1992 HC ₇	1992 04 27.21924	12 36 58.52	+01 51 38.0		776
1992 HC ₇	1992 04 27.22603	12 36 58.31	+01 51 39.6		776
1992 HC ₇	1992 04 27.23490	12 36 58.03	+01 51 40.3		776
1992 HC ₇	1992 04 27.24558	12 36 57.77	+01 51 42.7		776
1992 HC ₇	1992 04 27.25791	12 36 57.33	+01 51 43.8		776
1992 HC ₇	1992 04 27.29154	12 36 56.17	+01 51 48.3	17.8 V	776
1992 HC ₇	1992 04 27.29863	12 36 56.10	+01 51 48.2		776

1992 HC ₇	1992 04 28.16833	12 36 29.40	+01 53 38.9		776
1992 HC ₇	1992 04 28.22148	12 36 27.79	+01 53 44.8		776
1992 HC ₇	1992 04 28.23447	12 36 27.54	+01 53 46.1	18.4 V	776
1992 HC ₇	1992 04 28.25819	12 36 26.82	+01 53 48.2		776
1992 HC ₇	1992 04 29.15166	12 36 00.55	+01 55 32.6	r	776
1992 HC ₇	1992 04 29.16414	12 36 00.15	+01 55 32.7	r	776
1992 HC ₇	1992 04 29.17529	12 35 59.80	+01 55 36.4	19 V	776
1992 HC ₇	1992 04 29.22733	12 35 58.27	+01 55 42.6		776
1992 HC ₇	1992 04 29.23098	12 35 58.20	+01 55 43.4		776

801 Oak Ridge

R. E. McCrosky, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street,
Cambridge, MA 02138, U.S.A. [mccrosky@cfa.harvard.edu]

1.5-m reflector + CCD

GSC

1936 NB	1996 08 16.23667	22 11 55.06	+07 42 46.5		801
1936 NB	1996 08 16.24876	22 11 54.34	+07 42 49.0		801
1936 NB	1996 08 18.19968	22 09 59.72	+07 49 02.3		801
1936 NB	1996 08 18.21083	22 09 59.03	+07 49 04.2		801
1953 GH	1996 08 16.18160	21 00 09.09	-05 20 17.8		801
1953 GH	1996 08 19.17836	20 58 05.57	-05 40 12.0		801
1953 GH	1996 08 19.19490	20 58 04.88	-05 40 18.2		801
1973 SH ₁	1996 08 19.28191	22 44 15.26	-11 23 28.2		801
1973 SH ₁	1996 08 19.30347	22 44 14.62	-11 23 32.3		801
1981 EN ₁₇	1996 08 12.17538	21 19 17.67	-06 25 43.9		801
1981 EN ₁₇	1996 08 12.18531	21 19 17.20	-06 25 45.8		801
1981 EN ₁₇	1996 08 16.19398	21 15 41.25	-06 47 29.4		801
1981 EN ₁₇	1996 08 16.20700	21 15 40.50	-06 47 34.0		801
1981 RF	1996 08 19.18105	21 24 01.21	-18 10 08.9		801
1981 RF	1996 08 19.20140	21 24 00.14	-18 10 16.3		801
1981 RM ₃	1996 08 16.16477	20 39 45.89	-14 02 43.9		801
1981 RM ₃	1996 08 16.17856	20 39 45.19	-14 02 47.0		801
1981 RM ₃	1996 08 19.17457	20 37 31.74	-14 14 12.4		801
1981 RM ₃	1996 08 19.19168	20 37 30.97	-14 14 14.8		801
1982 VB ₁	1996 08 18.22692	22 43 10.76	+02 52 21.6		801
1982 VB ₁	1996 08 18.23981	22 43 10.18	+02 52 18.9		801
1982 VB ₁	1996 08 19.27904	22 42 24.56	+02 48 02.5		801
1982 VB ₁	1996 08 19.30016	22 42 23.59	+02 47 56.9		801
1983 RT ₄	1996 08 18.24332	22 58 48.12	+06 17 20.5		801
1983 RT ₄	1996 08 18.26441	22 58 47.37	+06 17 14.2		801
1983 RT ₄	1996 08 19.28949	22 58 11.75	+06 11 37.7		801
1983 RT ₄	1996 08 19.30620	22 58 11.14	+06 11 32.1		801
1983 XH ₁	1996 08 19.09417	19 54 27.65	-12 44 58.4		801
1983 XH ₁	1996 08 19.11564	19 54 26.76	-12 45 03.6		801
1984 ET	1996 08 16.23398	22 00 06.62	-14 43 31.3		801
1984 ET	1996 08 16.24590	22 00 05.94	-14 43 36.1		801
1984 ET	1996 08 19.20705	21 57 20.66	-15 04 03.3		801
1985 QA ₁	1996 08 16.13486	20 05 25.90	-08 09 04.7		801
1985 QA ₁	1996 08 16.14806	20 05 25.36	-08 09 09.2		801
1985 QA ₁	1996 08 19.12478	20 03 24.47	-08 24 58.4		801
1985 TD ₃	1996 08 16.26169	23 06 19.88	+25 20 19.3		801
1985 TD ₃	1996 08 16.29436	23 06 18.89	+25 20 17.7		801
1985 TD ₃	1996 08 18.24664	23 05 20.32	+25 17 55.2		801

1985 TD ₃	1996 08 18.26736	23 05 19.64	+25 17 53.4	801	1989 RS ₁	1996 08 18.18591	21 41 40.88	+04 57 55.3	801
1986 GV	1996 06 16.21711	18 51 38.21	-14 50 11.9	V 801	1989 RS ₁	1996 08 19.18809	21 43 20.05	+04 48 11.9	801
1986 SD ₂	1996 08 16.22572	21 51 00.71	-05 01 07.3	801	1989 RS ₁	1996 08 19.19814	21 43 20.96	+04 48 05.9	801
1986 SD ₂	1996 08 16.24035	21 50 59.91	-05 01 07.7	801	1989 TT ₁	1996 08 16.20461	21 22 11.58	-06 22 47.7	801
1986 SD ₂	1996 08 18.19751	21 49 15.49	-05 02 08.8	801	1989 TT ₁	1996 08 16.21869	21 22 10.76	-06 22 52.1	801
1986 SD ₂	1996 08 18.20854	21 49 14.88	-05 02 09.4	801	1990 BZ	1996 08 19.21126	22 13 52.05	-01 38 05.7	801
1986 TK ₁	1996 08 18.28882	00 05 53.34	+10 09 45.7	801	1990 BZ	1996 08 19.26444	22 13 48.66	-01 38 02.4	801
1986 TK ₁	1996 08 18.32397	00 05 52.78	+10 09 53.8	801	1990 OJ ₄	1996 08 18.22417	22 33 07.36	+16 41 41.5	801
1986 TK ₁	1996 08 19.31478	00 05 38.82	+10 13 36.7	801	1990 OJ ₄	1996 08 18.23747	22 33 06.74	+16 41 42.1	801
1986 TK ₁	1996 08 19.35659	00 05 38.06	+10 13 45.9	801	1990 OJ ₄	1996 08 19.27708	22 32 18.66	+16 42 24.9	801
1987 BO ₁	1996 08 14.13557	20 05 38.29	+02 31 48.9	801	1990 OJ ₄	1996 08 19.29814	22 32 17.66	+16 42 25.5	801
1987 BO ₁	1996 08 14.14792	20 05 37.49	+02 31 49.4	801	1991 PQ ₁	1996 08 18.22161	22 29 45.73	-09 40 47.9	801
1987 BO ₁	1996 08 16.13204	20 03 32.01	+02 34 13.2	801	1991 PQ ₁	1996 08 18.23462	22 29 45.12	-09 40 52.1	801
1987 BO ₁	1996 08 16.14610	20 03 31.08	+02 34 14.0	801	1991 PQ ₁	1996 08 19.27405	22 28 58.61	-09 46 34.0	801
1987 MK	1996 08 11.28696	23 31 03.27	-00 02 39.6	801	1991 RQ ₇	1996 08 18.20177	22 17 46.98	-02 21 09.7	801
1987 MK	1996 08 11.30449	23 31 02.71	-00 02 34.8	801	1991 RQ ₇	1996 08 18.21318	22 17 46.35	-02 21 08.5	801
1987 MK	1996 08 16.26745	23 27 58.63	+00 20 22.2	801	1991 RQ ₇	1996 08 19.21333	22 16 54.13	-02 19 23.6	801
1987 MK	1996 08 16.29101	23 27 57.60	+00 20 28.2	801	1991 RQ ₇	1996 08 19.26699	22 16 51.21	-02 19 18.4	801
1988 PL ₁	1996 06 15.27608	19 11 43.83	-02 56 27.7	801	1991 RP ₁₅	1996 08 19.18369	21 30 29.59	-17 00 39.9	801
1988 PL ₁	1996 08 18.07363	18 16 27.12	+03 07 49.5	801	1991 RP ₁₅	1996 08 19.20457	21 30 28.57	-17 00 44.2	801
1988 PL ₁	1996 08 18.14861	18 16 27.11	+03 07 34.2	801	1991 RE ₁₆	1996 08 11.29177	23 25 34.70	-05 52 50.5	801
1988 PL ₁	1996 08 19.10521	18 16 30.19	+03 04 14.6	801	1991 RE ₁₆	1996 08 11.32049	23 25 33.89	-05 53 02.6	801
1988 QB	1996 08 19.08338	19 47 58.19	-14 43 34.7	801	1991 RE ₁₆	1996 08 18.25516	23 22 08.24	-06 40 00.1	801
1988 QB	1996 08 19.09904	19 47 57.55	-14 43 40.5	801	1991 RE ₁₆	1996 08 18.27046	23 22 07.73	-06 40 06.9	801
1988 RB ₆	1996 08 19.07328	19 30 41.00	-08 27 27.1	801	1991 SM ₁	1996 08 16.14233	20 25 41.29	-14 47 47.1	801
1988 RB ₆	1996 08 19.08596	19 30 40.83	-08 27 37.4	801	1991 SM ₁	1996 08 16.16186	20 25 40.50	-14 47 49.8	801
1988 SQ	1996 08 18.25735	23 33 06.08	-06 29 52.1	W 801	1991 SM ₁	1996 08 19.13493	20 23 46.94	-14 55 34.9	801
1988 SQ	1996 08 18.28106	23 33 05.24	-06 29 54.4	801	1991 SM ₁	1996 08 19.16424	20 23 45.80	-14 55 39.6	801
1988 SQ	1996 08 19.29214	23 32 29.59	-06 31 05.3	801	1992 BW	1996 08 16.33295	00 57 37.86	+31 41 46.8	801
1988 SQ	1996 08 19.31235	23 32 28.84	-06 31 06.6	801	1992 BW	1996 08 19.33215	00 57 39.93	+32 54 12.2	801
1988 TN ₂	1996 08 18.27845	23 57 00.15	+13 40 53.8	801	1992 BW	1996 08 19.34337	00 57 39.88	+32 54 27.9	801
1988 TN ₂	1996 08 18.32907	23 56 59.56	+13 40 35.4	801	1992 PY ₂	1996 08 19.09140	19 49 20.68	-13 22 55.6	801
1988 VR ₅	1996 08 18.27536	23 46 06.15	+18 11 40.8	801	1992 PY ₂	1996 08 19.11230	19 49 19.71	-13 22 53.6	801
1988 VR ₅	1996 08 18.33868	23 46 04.77	+18 11 36.6	801	1992 SN	1996 08 18.21589	22 01 47.51	-08 31 09.2	801
1988 VR ₅	1996 08 19.30899	23 45 45.19	+18 10 32.7	801	1992 SN	1996 08 18.22969	22 01 46.69	-08 31 11.3	801
1988 VR ₅	1996 08 19.34858	23 45 44.29	+18 10 29.2	801	1992 SN	1996 08 19.20904	22 00 52.72	-08 33 05.8	801
1989 AV ₂	1996 08 12.16899	21 16 59.40	-00 58 26.2	801	1992 SN	1996 08 19.26186	22 00 49.68	-08 33 11.8	801
1989 AV ₂	1996 08 16.19015	21 14 48.77	-01 02 00.7	801	1992 ST	1996 08 18.28527	23 42 18.44	-16 30 36.6	w 801
1989 AV ₂	1996 08 16.20961	21 14 48.15	-01 02 01.5	801	1992 ST	1996 08 19.29519	23 41 52.84	-16 34 19.9	801
1989 AL ₇	1996 08 18.19223	21 35 02.88	-13 49 29.0	801	1992 ST	1996 08 19.32402	23 41 52.01	-16 34 25.1	801
1989 AL ₇	1996 08 18.20392	21 35 02.32	-13 49 31.8	801	1992 SW ₁₇	1996 08 16.13667	20 09 10.35	-08 19 09.7	801
1989 EN ₂	1996 08 18.21872	22 28 09.81	-10 23 46.2	801	1992 SW ₁₇	1996 08 16.14976	20 09 09.67	-08 19 08.9	801
1989 EN ₂	1996 08 18.23219	22 28 09.01	-10 23 49.0	801	1992 SW ₁₇	1996 08 19.12819	20 06 50.89	-08 16 59.8	801
1989 EN ₂	1996 08 19.26973	22 27 06.43	-10 28 26.3	801	1992 SW ₁₇	1996 08 19.15674	20 06 49.56	-08 16 58.5	801
1989 EN ₂	1996 08 19.28462	22 27 05.50	-10 28 30.1	801	1992 UK ₁	1996 06 15.30335	19 39 42.16	-17 47 26.8	801
1989 OA	1996 08 18.09708	19 38 32.22	-14 04 57.3	801	1992 UK ₁	1996 08 18.08064	18 54 31.33	-15 46 03.3	801
1989 OA	1996 08 18.16391	19 38 30.50	-14 05 04.9	801	1993 TX ₁	1996 08 12.14833	20 36 24.07	+04 02 11.3	801
1989 OA	1996 08 19.07770	19 38 10.15	-14 06 57.6	801	1993 TX ₁	1996 08 12.16270	20 36 23.39	+04 02 03.3	801
1989 OA	1996 08 19.10905	19 38 09.38	-14 07 01.6	801	1993 TX ₁	1996 08 16.14403	20 33 22.93	+03 22 55.4	801
1989 RS ₁	1996 08 16.21231	21 38 34.06	+05 14 33.1	801	1993 TX ₁	1996 08 16.15678	20 33 22.32	+03 22 47.1	801
1989 RS ₁	1996 08 16.22149	21 38 34.76	+05 14 28.9	801	1993 UY	1996 08 16.22427	21 50 50.94	+09 25 47.7	801
1989 RS ₁	1996 08 18.17706	21 41 40.11	+04 58 00.0	W 801	1993 UY	1996 08 16.23821	21 50 50.20	+09 25 43.1	801

1993 UY	1996 08 18.19480	21 49 06.71	+09 14 38.7	801	1978 SP ₅	1996 07 16.30833	21 58 08.92	-07 28 56.9	4	809
1993 UY	1996 08 18.20633	21 49 06.09	+09 14 34.8	801	1978 SP ₅	1996 07 16.32153	21 58 08.52	-07 28 59.0	4	809
1994 AP ₂	1996 08 18.29693	00 17 53.45	-11 01 06.8	801	1978 SQ ₇	1996 05 22.11042	14 46 21.56	-12 34 55.2	4	809
1994 AP ₂	1996 08 18.33501	00 17 53.05	-11 01 44.2	801	1978 SQ ₇	1996 05 22.12361	14 46 20.86	-12 34 51.7	4	809
1994 AP ₂	1996 08 19.33920	00 17 45.19	-11 18 23.5	801	1978 SQ ₇	1996 05 22.13681	14 46 20.14	-12 34 46.5	4	809
1994 CV ₂	1996 08 16.15216	20 34 13.77	-08 34 02.2	801	1979 KM	1996 07 14.27639	21 59 01.48	-08 07 02.6	18.5	4 809
1994 CV ₂	1996 08 16.17579	20 34 12.73	-08 34 10.8	801	1979 KM	1996 07 14.28958	21 59 01.14	-08 07 05.9	4	809
1994 CV ₂	1996 08 19.14354	20 32 16.28	-08 51 28.9	801	1979 KM	1996 07 14.30278	21 59 00.70	-08 07 10.9	4	809
1994 CV ₂	1996 08 19.16814	20 32 15.31	-08 51 37.9	801	1979 KM	1996 07 16.29514	21 58 07.29	-08 18 30.5	4	809
1994 PC	1996 08 19.31885	00 35 43.08	-24 49 02.5	801	1979 KM	1996 07 16.30833	21 58 06.88	-08 18 35.4	4	809
1994 PC	1996 08 19.32098	00 35 43.67	-24 49 07.4	801	1979 KM	1996 07 16.32153	21 58 06.43	-08 18 39.9	4	809
1995 CT ₁	1996 08 12.15154	20 53 15.18	+23 28 09.2	801	1981 RJ ₅	1996 05 22.11042	14 39 10.15	-12 42 39.2	4	809
1995 CT ₁	1996 08 16.17236	20 49 09.05	+23 25 56.0	801	1981 RJ ₅	1996 05 22.12361	14 39 09.54	-12 42 36.2	4	809
1995 CT ₁	1996 08 16.18733	20 49 08.12	+23 25 55.4	801	1981 RJ ₅	1996 05 22.13681	14 39 09.07	-12 42 34.6	4	809
1996 PA	1996 08 11.29619	23 02 46.59	-08 28 16.1	801	1981 RJ ₅	1996 05 23.18681	14 38 28.07	-12 39 46.1	18.5	4 809
1996 PA	1996 08 11.29867	23 02 46.64	-08 28 22.3	801	1981 RJ ₅	1996 05 23.20000	14 38 27.55	-12 39 44.6	4	809
1996 PA	1996 08 16.25614	23 05 10.51	-12 34 54.0	801	1981 RJ ₅	1996 05 23.21319	14 38 26.98	-12 39 42.2	4	809
1996 PA	1996 08 16.25891	23 05 10.55	-12 35 02.2	801	1986 QM ₁	1996 04 17.23681	14 49 40.87	-13 39 30.1	18.5	4 809
3034 P-L	1996 08 16.14013	20 14 14.88	-05 23 41.7	801	1986 QM ₁	1996 04 17.25000	14 49 40.04	-13 39 26.9	4	809
3034 P-L	1996 08 16.15968	20 14 14.02	-05 23 45.7	801	1986 QM ₁	1996 04 17.26319	14 49 39.39	-13 39 24.7	4	809
3034 P-L	1996 08 19.13164	20 12 21.28	-05 33 58.7	801	1986 WO ₇	1996 07 14.27639	22 01 18.62	-12 18 12.4	18.5	4 809
1047 T-1	1996 08 19.10096	19 43 40.83	-13 05 16.9	801	1986 WO ₇	1996 07 14.28958	22 01 18.22	-12 18 13.1	4	809
1240 T-1	1996 08 18.29409	00 11 58.79	-02 55 20.6	801	1986 WO ₇	1996 07 14.30278	22 01 17.76	-12 18 15.5	4	809
1240 T-1	1996 08 18.33166	00 11 57.78	-02 55 19.2	801	1986 WO ₇	1996 07 16.29514	22 00 22.73	-12 21 19.4	4	809
1240 T-1	1996 08 19.31669	00 11 31.36	-02 54 37.3	801	1986 WO ₇	1996 07 16.30833	22 00 22.35	-12 21 20.7	4	809
1240 T-1	1996 08 19.34103	00 11 30.63	-02 54 36.0	801	1986 WO ₇	1996 07 16.32153	22 00 21.95	-12 21 22.9	4	809
(253)	1996 08 14.04398	14 55 47.21	-09 55 55.9	801	1989 AL ₇	1996 07 14.27639	21 57 51.37	-11 19 56.5	18.4	4 809
(253)	1996 08 14.05878	14 55 48.12	-09 56 01.5	801	1989 AL ₇	1996 07 14.28958	21 57 51.06	-11 19 58.8	4	809
(1922)	1996 08 14.04575	14 45 21.71	+04 46 42.8	801	1989 AL ₇	1996 07 14.30278	21 57 50.66	-11 20 01.0	4	809
(1922)	1996 08 14.05323	14 45 22.64	+04 46 43.4	801	1989 AL ₇	1996 07 16.29514	21 57 04.73	-11 25 32.1	4	809
(3908)	1996 08 12.16041	21 14 05.66	-07 20 11.0	801	1989 AL ₇	1996 07 16.30833	21 57 04.33	-11 25 34.4	4	809
(3908)	1996 08 12.17326	21 14 04.81	-07 20 04.1	801	1989 AL ₇	1996 07 16.32153	21 57 03.96	-11 25 36.8	4	809
(3908)	1996 08 16.18422	21 10 44.04	-06 45 51.6	801	1990 TG ₁₃	1996 05 22.11042	14 48 18.08	-11 07 30.1	4	809
(3908)	1996 08 16.20043	21 10 43.04	-06 45 43.1	801	1990 TG ₁₃	1996 05 22.12361	14 48 17.34	-11 07 30.2	4	809
809 European Southern Observatory					1990 TG ₁₃	1996 05 22.13681	14 48 16.56	-11 07 30.6	4	809
E. W. Elst, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180 Brussels, Belgium [elst@atmos.oma.be] (4)					1990 TG ₁₃	1996 05 23.18681	14 47 18.69	-11 07 45.2	18.5	4 809
C.-I. Lagerkvist, Uppsala Observatory, Box 515, S-75120 Uppsala, Sweden [classe@laban.uu.se] (8)					1990 TG ₁₃	1996 05 23.20000	14 47 17.90	-11 07 45.6	4	809
Observers G. Pizarro, O. Pizarro, M. Lindgren					1990 TG ₁₃	1996 05 23.21319	14 47 17.18	-11 07 46.2	4	809
Measurers E. W. Elst, O. Hernius, J. Warell					1991 CN ₁	1996 07 14.27639	22 10 28.89	-08 26 39.6	18.6	4 809
1.0-m Schmidt					1991 CN ₁	1996 07 14.28958	22 10 28.50	-08 26 41.3	4	809
					1991 CN ₁	1996 07 14.30278	22 10 28.08	-08 26 43.4	4	809
1976 YR ₁	1996 05 22.11042	14 47 20.98	-10 19 18.2	4 809	1992 DV	1992 03 07.23125	11 18 48.79	+09 47 23.8	16.4	8 809
1976 YR ₁	1996 05 22.12361	14 47 20.26	-10 19 16.6	4 809	1992 ER ₁₂	1996 05 23.18681	14 29 42.97	-12 20 05.6	18.4	4 809
1976 YR ₁	1996 05 22.13681	14 47 19.55	-10 19 15.9	4 809	1992 ER ₁₂	1996 05 23.20000	14 29 42.41	-12 20 02.0	4	809
1976 YR ₁	1996 05 23.18681	14 46 24.65	-10 18 19.8	18.2 4 809	1992 ER ₁₂	1996 05 23.21319	14 29 41.88	-12 19 59.5	4	809
1976 YR ₁	1996 05 23.20000	14 46 24.01	-10 18 17.9	4 809	1992 EV ₁₅	1992 04 07.14618	10 45 58.04	+08 40 11.0	17.8	8 809
1976 YR ₁	1996 05 23.21319	14 46 23.33	-10 18 16.2	4 809	1992 NS	1996 04 17.23681	14 45 04.55	-16 24 13.3	18.0	4 809
1978 SP ₅	1996 07 14.27639	21 58 54.69	-07 25 24.6	18.3 4 809	1992 NS	1996 04 17.25000	14 45 03.96	-16 24 06.2	4	809
1978 SP ₅	1996 07 14.28958	21 58 54.33	-07 25 26.0	4 809	1992 NS	1996 04 17.26319	14 45 03.39	-16 24 00.2	4	809
1978 SP ₅	1996 07 14.30278	21 58 54.00	-07 25 27.0	4 809	1992 RJ ₅	1996 05 22.11042	14 34 10.08	-12 14 41.6	4	809
1978 SP ₅	1996 07 16.29514	21 58 09.28	-07 28 56.1	4 809	1992 RJ ₅	1996 05 22.12361	14 34 09.45	-12 14 39.3	4	809
					1992 RJ ₅	1996 05 22.13681	14 34 08.88	-12 14 37.4	4	809

1992 RJ ₅	1996 05 23.18681	14 33 25.42	-12 12 11.5	18.7	4 809	1996 HP	1996 05 22.12361	14 32 35.56	-13 10 56.9	4 809
1992 RJ ₅	1996 05 23.20000	14 33 24.88	-12 12 08.4		4 809	1996 HP	1996 05 22.13681	14 32 34.78	-13 10 59.2	4 809
1992 RJ ₅	1996 05 23.21319	14 33 24.24	-12 12 06.8		4 809	1996 HP	1996 05 23.18681	14 31 38.67	-13 13 51.4	18.3 4 809
1993 OA ₇	1996 05 23.18681	14 50 52.16	-11 28 24.4	18.5	4 809	1996 HP	1996 05 23.20000	14 31 37.94	-13 13 53.7	4 809
1993 OA ₇	1996 05 23.20000	14 50 51.47	-11 28 23.2		4 809	1996 HP	1996 05 23.21319	14 31 37.18	-13 13 55.8	4 809
1993 OA ₇	1996 05 23.21319	14 50 50.79	-11 28 21.0		4 809	1996 HQ	1996 05 22.11042	14 33 59.42	-12 25 09.6	4 809
1993 TL ₃₂	1996 05 22.11042	14 37 44.96	-11 29 09.3		4 809	1996 HQ	1996 05 22.12361	14 33 58.71	-12 25 09.7	4 809
1993 TL ₃₂	1996 05 22.12361	14 37 44.35	-11 29 06.6		4 809	1996 HQ	1996 05 22.13681	14 33 57.99	-12 25 11.9	4 809
1993 TL ₃₂	1996 05 22.13681	14 37 43.69	-11 29 04.4		4 809	1996 HQ	1996 05 23.18681	14 33 05.13	-12 26 55.3	18.4 4 809
1993 TL ₃₂	1996 05 23.18681	14 36 56.40	-11 26 17.0	18.6	4 809	1996 HQ	1996 05 23.20000	14 33 04.43	-12 26 56.2	4 809
1993 TL ₃₂	1996 05 23.20000	14 36 55.74	-11 26 13.4		4 809	1996 HQ	1996 05 23.21319	14 33 03.68	-12 26 57.4	4 809
1993 TL ₃₂	1996 05 23.21319	14 36 55.13	-11 26 11.0		4 809	1996 HR	1996 05 22.11042	14 43 40.32	-10 39 22.8	4 809
1994 PC	1996 07 14.32292	22 33 36.05	-08 42 59.5	18.0	4 809	1996 HR	1996 05 22.12361	14 43 39.68	-10 39 22.8	4 809
1994 PC	1996 07 14.32708	22 33 36.60	-08 43 02.6		4 809	1996 HR	1996 05 22.13681	14 43 39.10	-10 39 20.9	4 809
1994 PC	1996 07 14.33125	22 33 37.06	-08 43 04.6		4 809	1996 HR	1996 05 23.18681	14 42 50.45	-10 37 52.3	18.4 4 809
1994 PC	1996 07 14.33611	22 33 37.86	-08 43 08.0		4 809	1996 HR	1996 05 23.20000	14 42 49.89	-10 37 51.1	4 809
1994 PC	1996 07 14.34028	22 33 38.35	-08 43 10.7		4 809	1996 HR	1996 05 23.21319	14 42 49.29	-10 37 49.8	4 809
1994 PC	1996 07 14.34444	22 33 38.74	-08 43 11.9		4 809	1996 HV	1996 05 22.11042	14 43 59.64	-12 44 07.7	4 809
1994 PC	1996 07 14.34931	22 33 39.50	-08 43 14.9		4 809	1996 HV	1996 05 22.12361	14 43 58.81	-12 44 10.2	4 809
1994 PC	1996 07 14.35347	22 33 40.08	-08 43 18.1		4 809	1996 HV	1996 05 22.13681	14 43 58.13	-12 44 11.1	4 809
1994 PC	1996 07 14.35764	22 33 40.57	-08 43 20.4		4 809	1996 HV	1996 05 23.18681	14 43 07.17	-12 46 08.6	18.4 4 809
1994 PC	1996 07 15.37292	22 36 04.57	-08 54 13.9		4 809	1996 HV	1996 05 23.20000	14 43 06.62	-12 46 09.3	4 809
1994 PC	1996 07 15.37708	22 36 05.12	-08 54 16.8		4 809	1996 HV	1996 05 23.21319	14 43 05.92	-12 46 11.3	4 809
1994 PC	1996 07 15.38125	22 36 05.57	-08 54 19.3		4 809	1996 HJ ₁₇	1996 05 22.11042	14 29 38.30	-13 03 12.2	4 809
1994 PC	1996 07 15.38611	22 36 06.46	-08 54 22.7		4 809	1996 HJ ₁₇	1996 05 22.12361	14 29 37.60	-13 03 08.7	4 809
1994 PC	1996 07 15.39028	22 36 07.08	-08 54 24.5		4 809	1996 HJ ₁₇	1996 05 22.13681	14 29 37.06	-13 03 04.2	4 809
1994 PC	1996 07 15.39444	22 36 07.62	-08 54 28.7		4 809	1996 HN ₁₇	1996 05 23.18681	14 40 36.54	-12 46 23.5	18.8 4 809
1994 PC	1996 07 15.39931	22 36 08.26	-08 54 30.8		4 809	1996 HN ₁₇	1996 05 23.20000	14 40 36.12	-12 46 23.0	4 809
1994 PC	1996 07 15.40347	22 36 08.77	-08 54 33.4		4 809	1996 HN ₁₇	1996 05 23.21319	14 40 35.78	-12 46 20.8	4 809
1994 PC	1996 07 15.40764	22 36 09.33	-08 54 35.8		4 809	1996 HT ₁₇	1996 05 22.11042	14 32 36.08	-10 53 06.3	4 809
1994 UY ₁	1996 05 22.16944	14 52 29.49	-13 57 09.1	18.8	4 809	1996 HT ₁₇	1996 05 22.12361	14 32 35.51	-10 53 03.4	4 809
1994 UY ₁	1996 05 22.18264	14 52 28.62	-13 57 04.7		4 809	1996 HT ₁₇	1996 05 22.13681	14 32 34.96	-10 53 01.6	4 809
1994 UY ₁	1996 05 22.19583	14 52 27.83	-13 57 01.3		4 809	1996 HT ₁₇	1996 05 23.18681	14 31 52.49	-10 50 11.0	18.3 4 809
1994 WE ₁	1996 05 22.11042	14 36 27.15	-11 46 13.0		4 809	1996 HT ₁₇	1996 05 23.20000	14 31 51.98	-10 50 08.1	4 809
1994 WE ₁	1996 05 22.12361	14 36 26.41	-11 46 12.7		4 809	1996 HT ₁₇	1996 05 23.21319	14 31 51.41	-10 50 06.3	4 809
1994 WE ₁	1996 05 22.13681	14 36 25.68	-11 46 13.2		4 809	1996 HU ₁₇	1996 05 23.18681	14 30 04.69	-11 14 05.8	18.6 4 809
1994 WE ₁	1996 05 23.18681	14 35 31.91	-11 46 31.4	18.3	4 809	1996 HU ₁₇	1996 05 23.20000	14 30 04.05	-11 14 04.8	4 809
1994 WE ₁	1996 05 23.20000	14 35 31.23	-11 46 31.0		4 809	1996 HU ₁₇	1996 05 23.21319	14 30 03.44	-11 14 01.8	4 809
1994 WE ₁	1996 05 23.21319	14 35 30.49	-11 46 31.6		4 809	1996 HW ₁₇	1996 05 22.11042	14 33 31.24	-11 55 08.3	4 809
1994 XG ₁	1996 05 22.11042	14 50 14.38	-14 04 55.9		4 809	1996 HW ₁₇	1996 05 22.12361	14 33 30.68	-11 55 06.1	4 809
1994 XG ₁	1996 05 22.12361	14 50 13.68	-14 04 55.1		4 809	1996 HW ₁₇	1996 05 22.13681	14 33 30.03	-11 55 03.7	4 809
1994 XG ₁	1996 05 22.13681	14 50 12.99	-14 04 53.2		4 809	1996 HW ₁₇	1996 05 23.18681	14 32 46.39	-11 52 18.3	18.6 4 809
1994 XG ₁	1996 05 23.18681	14 49 21.14	-14 03 09.8	18.3	4 809	1996 HW ₁₇	1996 05 23.20000	14 32 45.87	-11 52 15.5	4 809
1994 XG ₁	1996 05 23.20000	14 49 20.49	-14 03 08.6		4 809	1996 HW ₁₇	1996 05 23.21319	14 32 45.21	-11 52 13.0	4 809
1994 XG ₁	1996 05 23.21319	14 49 19.78	-14 03 07.4		4 809	1996 HY ₁₇	1996 05 22.11042	14 33 45.82	-11 37 20.9	4 809
1994 XJ ₁	1996 05 22.11042	14 30 36.16	-13 23 16.3		4 809	1996 HY ₁₇	1996 05 22.12361	14 33 45.23	-11 37 18.4	4 809
1994 XJ ₁	1996 05 22.12361	14 30 35.35	-13 23 14.6		4 809	1996 HY ₁₇	1996 05 22.13681	14 33 44.64	-11 37 15.7	4 809
1994 XJ ₁	1996 05 22.13681	14 30 34.70	-13 23 12.6		4 809	1996 HY ₁₇	1996 05 23.18681	14 33 00.77	-11 34 09.5	18.7 4 809
1994 XJ ₁	1996 05 23.18681	14 29 38.49	-13 20 21.6	18.4	4 809	1996 HY ₁₇	1996 05 23.20000	14 33 00.20	-11 34 08.4	4 809
1994 XJ ₁	1996 05 23.20000	14 29 37.70	-13 20 19.5		4 809	1996 HY ₁₇	1996 05 23.21319	14 32 59.59	-11 34 04.2	4 809
1994 XJ ₁	1996 05 23.21319	14 29 37.04	-13 20 16.2		4 809	1996 HC ₁₈	1996 05 22.11042	14 35 09.77	-13 48 01.8	4 809
1996 HP	1996 05 22.11042	14 32 36.35	-13 10 54.2		4 809	1996 HC ₁₈	1996 05 22.12361	14 35 09.19	-13 47 59.5	4 809

1996 HC ₁₈	1996 05 22.13681	14 35 08.63	-13 47 57.2		4 809	1996 HN ₁₉	1996 05 22.11042	14 34 00.25	-11 35 52.9		4 809
1996 HC ₁₈	1996 05 23.18681	14 34 28.41	-13 44 59.8	18.5	4 809	1996 HN ₁₉	1996 05 22.12361	14 33 59.64	-11 35 48.7		4 809
1996 HC ₁₈	1996 05 23.20000	14 34 27.82	-13 44 57.4		4 809	1996 HN ₁₉	1996 05 22.13681	14 33 58.91	-11 35 44.0		4 809
1996 HC ₁₈	1996 05 23.21319	14 34 27.31	-13 44 55.9		4 809	1996 HN ₁₉	1996 05 23.18681	14 33 08.80	-11 29 50.5	18.4	4 809
1996 HF ₁₈	1996 05 22.11042	14 35 40.11	-15 08 22.2		4 809	1996 HN ₁₉	1996 05 23.20000	14 33 08.14	-11 29 45.5		4 809
1996 HF ₁₈	1996 05 22.12361	14 35 39.53	-15 08 18.2		4 809	1996 HN ₁₉	1996 05 23.21319	14 33 07.51	-11 29 41.3		4 809
1996 HF ₁₈	1996 05 22.13681	14 35 38.91	-15 08 15.1		4 809	1996 HO ₁₉	1996 05 22.11042	14 39 02.87	-12 50 55.5		4 809
1996 HF ₁₈	1996 05 23.18681	14 34 58.66	-15 04 11.0	18.5	4 809	1996 HO ₁₉	1996 05 22.12361	14 39 02.37	-12 50 53.8		4 809
1996 HF ₁₈	1996 05 23.20000	14 34 58.11	-15 04 08.8		4 809	1996 HO ₁₉	1996 05 22.13681	14 39 01.77	-12 50 51.9		4 809
1996 HF ₁₈	1996 05 23.21319	14 34 57.50	-15 04 06.1		4 809	1996 HO ₁₉	1996 05 23.18681	14 38 18.51	-12 47 59.8	18.4	4 809
1996 HP ₁₈	1996 05 22.11042	14 32 35.20	-14 36 03.9		4 809	1996 HO ₁₉	1996 05 23.20000	14 38 17.95	-12 47 57.6		4 809
1996 HP ₁₈	1996 05 22.12361	14 32 34.62	-14 36 05.2		4 809	1996 HO ₁₉	1996 05 23.21319	14 38 17.36	-12 47 55.9		4 809
1996 HP ₁₈	1996 05 22.13681	14 32 33.89	-14 36 04.6		4 809	1996 HQ ₁₉	1996 05 22.11042	14 40 05.60	-14 38 58.3		4 809
1996 HP ₁₈	1996 05 23.18681	14 31 43.97	-14 36 26.6	18.5	4 809	1996 HQ ₁₉	1996 05 22.12361	14 40 05.09	-14 38 56.1		4 809
1996 HP ₁₈	1996 05 23.20000	14 31 43.31	-14 36 28.0		4 809	1996 HQ ₁₉	1996 05 22.13681	14 40 04.58	-14 38 53.6		4 809
1996 HP ₁₈	1996 05 23.21319	14 31 42.73	-14 36 27.8		4 809	1996 HQ ₁₉	1996 05 23.18681	14 39 23.39	-14 35 44.8	18.4	4 809
1996 HR ₁₈	1996 05 22.11042	14 30 17.31	-14 21 51.6		4 809	1996 HQ ₁₉	1996 05 23.20000	14 39 22.79	-14 35 42.5		4 809
1996 HR ₁₈	1996 05 22.12361	14 30 16.53	-14 21 47.1		4 809	1996 HQ ₁₉	1996 05 23.21319	14 39 22.23	-14 35 40.0		4 809
1996 HR ₁₈	1996 05 22.13681	14 30 15.84	-14 21 44.9		4 809	1996 HS ₁₉	1996 05 22.11042	14 39 56.19	-12 55 37.1		4 809
1996 HR ₁₈	1996 05 23.18681	14 29 24.20	-14 16 35.5	18.5	4 809	1996 HS ₁₉	1996 05 22.12361	14 39 55.55	-12 55 35.5		4 809
1996 HR ₁₈	1996 05 23.20000	14 29 23.50	-14 16 30.7		4 809	1996 HS ₁₉	1996 05 22.13681	14 39 55.04	-12 55 34.3		4 809
1996 HR ₁₈	1996 05 23.21319	14 29 22.76	-14 16 27.8		4 809	1996 HS ₁₉	1996 05 23.18681	14 39 13.07	-12 52 48.8	19.2	4 809
1996 HU ₁₈	1996 05 22.11042	14 36 49.28	-13 36 57.3		4 809	1996 HS ₁₉	1996 05 23.20000	14 39 12.53	-12 52 45.4		4 809
1996 HU ₁₈	1996 05 22.12361	14 36 48.70	-13 36 55.3		4 809	1996 HS ₁₉	1996 05 23.21319	14 39 12.07	-12 52 44.2		4 809
1996 HU ₁₈	1996 05 22.13681	14 36 48.13	-13 36 52.1		4 809	1996 HV ₁₉	1996 05 22.11042	14 41 32.66	-14 01 09.7		4 809
1996 HU ₁₈	1996 05 23.18681	14 36 07.63	-13 33 46.9	18.3	4 809	1996 HV ₁₉	1996 05 22.12361	14 41 32.06	-14 01 05.9		4 809
1996 HU ₁₈	1996 05 23.20000	14 36 07.07	-13 33 45.0		4 809	1996 HV ₁₉	1996 05 22.13681	14 41 31.50	-14 01 03.9		4 809
1996 HU ₁₈	1996 05 23.21319	14 36 06.53	-13 33 42.7		4 809	1996 HV ₁₉	1996 05 23.18681	14 40 51.69	-13 56 36.6	18.5	4 809
1996 HY ₁₈	1996 05 22.11042	14 38 32.56	-12 32 38.4		4 809	1996 HV ₁₉	1996 05 23.20000	14 40 51.17	-13 56 33.0		4 809
1996 HY ₁₈	1996 05 22.12361	14 38 31.98	-12 32 34.8		4 809	1996 HV ₁₉	1996 05 23.21319	14 40 50.61	-13 56 29.7		4 809
1996 HY ₁₈	1996 05 22.13681	14 38 31.47	-12 32 30.5		4 809	1996 HJ ₂₀	1996 05 22.11042	14 39 08.54	-13 53 46.1		4 809
1996 HY ₁₈	1996 05 23.18681	14 37 51.75	-12 27 05.4	18.5	4 809	1996 HJ ₂₀	1996 05 22.12361	14 39 07.91	-13 53 43.4		4 809
1996 HY ₁₈	1996 05 23.20000	14 37 51.19	-12 27 01.3		4 809	1996 HJ ₂₀	1996 05 22.13681	14 39 07.20	-13 53 43.1		4 809
1996 HY ₁₈	1996 05 23.21319	14 37 50.73	-12 26 57.8		4 809	1996 HJ ₂₀	1996 05 23.18681	14 38 20.01	-13 50 42.1	18.6	4 809
1996 HC ₁₉	1996 05 22.11042	14 32 31.33	-13 06 46.1		4 809	1996 HJ ₂₀	1996 05 23.20000	14 38 19.36	-13 50 38.8		4 809
1996 HC ₁₉	1996 05 22.12361	14 32 30.54	-13 06 42.0		4 809	1996 HJ ₂₀	1996 05 23.21319	14 38 18.76	-13 50 37.0		4 809
1996 HC ₁₉	1996 05 22.13681	14 32 29.94	-13 06 39.6		4 809	1996 HL ₂₀	1996 05 22.11042	14 41 44.10	-14 14 44.4		4 809
1996 HC ₁₉	1996 05 23.18681	14 31 40.06	-13 02 11.3	18.5	4 809	1996 HL ₂₀	1996 05 22.12361	14 41 43.46	-14 14 44.0		4 809
1996 HC ₁₉	1996 05 23.20000	14 31 39.36	-13 02 07.0		4 809	1996 HL ₂₀	1996 05 22.13681	14 41 42.99	-14 14 42.8		4 809
1996 HC ₁₉	1996 05 23.21319	14 31 38.64	-13 02 04.1		4 809	1996 HL ₂₀	1996 05 23.18681	14 41 00.91	-14 12 21.0	18.4	4 809
1996 HG ₁₉	1996 05 22.11042	14 38 18.50	-12 34 49.3		4 809	1996 HL ₂₀	1996 05 23.20000	14 41 00.44	-14 12 19.8		4 809
1996 HG ₁₉	1996 05 22.12361	14 38 17.85	-12 34 46.7		4 809	1996 HL ₂₀	1996 05 23.21319	14 40 59.86	-14 12 17.7		4 809
1996 HG ₁₉	1996 05 22.13681	14 38 17.37	-12 34 45.1		4 809	1996 HO ₂₀	1996 05 22.11042	14 37 41.08	-14 16 53.7		4 809
1996 HG ₁₉	1996 05 23.18681	14 37 35.23	-12 32 42.0	18.6	4 809	1996 HO ₂₀	1996 05 22.12361	14 37 40.35	-14 16 52.6		4 809
1996 HG ₁₉	1996 05 23.20000	14 37 34.67	-12 32 40.4		4 809	1996 HO ₂₀	1996 05 22.13681	14 37 39.72	-14 16 51.9		4 809
1996 HG ₁₉	1996 05 23.21319	14 37 34.03	-12 32 37.8		4 809	1996 HO ₂₀	1996 05 23.18681	14 36 51.23	-14 15 48.1	18.3	4 809
1996 HJ ₁₉	1996 05 22.11042	14 37 11.99	-14 45 09.3		4 809	1996 HO ₂₀	1996 05 23.20000	14 36 50.64	-14 15 47.5		4 809
1996 HJ ₁₉	1996 05 22.12361	14 37 11.41	-14 45 06.5		4 809	1996 HO ₂₀	1996 05 23.21319	14 36 49.86	-14 15 47.0		4 809
1996 HJ ₁₉	1996 05 22.13681	14 37 10.76	-14 45 04.0		4 809	1996 HP ₂₀	1996 05 22.11042	14 37 25.23	-14 07 12.6		4 809
1996 HJ ₁₉	1996 05 23.18681	14 36 27.01	-14 43 22.9	18.8	4 809	1996 HP ₂₀	1996 05 22.12361	14 37 24.61	-14 07 09.8		4 809
1996 HJ ₁₉	1996 05 23.20000	14 36 26.37	-14 43 23.4		4 809	1996 HP ₂₀	1996 05 22.13681	14 37 23.87	-14 07 07.8		4 809
1996 HJ ₁₉	1996 05 23.21319	14 36 25.77	-14 43 22.9		4 809	1996 HP ₂₀	1996 05 23.18681	14 36 32.03	-14 02 48.4	18.6	4 809

1996 HP ₂₀	1996 05 23.20000	14 36 31.31	-14 02 45.3	4 809	1996 HM ₂₁	1996 05 22.13681	14 35 37.86	-14 46 41.3	4 809
1996 HP ₂₀	1996 05 23.21319	14 36 30.59	-14 02 41.8	4 809	1996 HM ₂₁	1996 05 23.18681	14 34 44.05	-14 46 20.3	18.4 4 809
1996 HR ₂₀	1996 05 22.11042	14 44 08.67	-13 12 40.2	4 809	1996 HM ₂₁	1996 05 23.20000	14 34 43.45	-14 46 20.5	4 809
1996 HR ₂₀	1996 05 22.12361	14 44 08.11	-13 12 35.6	4 809	1996 HM ₂₁	1996 05 23.21319	14 34 42.73	-14 46 20.2	4 809
1996 HR ₂₀	1996 05 22.13681	14 44 07.61	-13 12 32.3	4 809	1996 HN ₂₁	1996 05 22.11042	14 39 26.08	-14 45 14.1	4 809
1996 HR ₂₀	1996 05 23.18681	14 43 27.52	-13 06 54.9	18.6 4 809	1996 HN ₂₁	1996 05 22.12361	14 39 25.25	-14 45 12.4	4 809
1996 HR ₂₀	1996 05 23.20000	14 43 26.96	-13 06 50.9	4 809	1996 HN ₂₁	1996 05 22.13681	14 39 24.56	-14 45 14.8	4 809
1996 HR ₂₀	1996 05 23.21319	14 43 26.43	-13 06 47.0	4 809	1996 HN ₂₁	1996 05 23.18681	14 38 32.35	-14 44 41.0	18.5 4 809
1996 HT ₂₀	1996 05 22.11042	14 37 42.61	-13 19 22.0	4 809	1996 HN ₂₁	1996 05 23.20000	14 38 31.70	-14 44 41.1	4 809
1996 HT ₂₀	1996 05 22.12361	14 37 42.01	-13 19 18.6	4 809	1996 HN ₂₁	1996 05 23.21319	14 38 30.95	-14 44 41.6	4 809
1996 HT ₂₀	1996 05 22.13681	14 37 41.42	-13 19 17.0	4 809	1996 HR ₂₁	1996 05 22.11042	14 46 15.05	-14 28 20.7	4 809
1996 HT ₂₀	1996 05 23.18681	14 36 52.64	-13 15 51.2	18.6 4 809	1996 HR ₂₁	1996 05 22.12361	14 46 14.41	-14 28 18.5	4 809
1996 HT ₂₀	1996 05 23.20000	14 36 51.99	-13 15 48.7	4 809	1996 HR ₂₁	1996 05 22.13681	14 46 13.85	-14 28 15.6	4 809
1996 HT ₂₀	1996 05 23.21319	14 36 51.37	-13 15 45.6	4 809	1996 HR ₂₁	1996 05 23.18681	14 45 30.07	-14 24 52.8	18.2 4 809
1996 HV ₂₀	1996 05 22.11042	14 41 47.70	-10 37 03.4	4 809	1996 HR ₂₁	1996 05 23.20000	14 45 29.51	-14 24 50.3	4 809
1996 HV ₂₀	1996 05 22.12361	14 41 47.11	-10 37 00.5	4 809	1996 HR ₂₁	1996 05 23.21319	14 45 28.89	-14 24 48.7	4 809
1996 HV ₂₀	1996 05 22.13681	14 41 46.48	-10 36 58.3	4 809	1996 HQ ₂₂	1996 05 22.11042	14 44 09.16	-14 09 29.3	4 809
1996 HV ₂₀	1996 05 23.18681	14 41 03.13	-10 33 40.2	18.2 4 809	1996 HQ ₂₂	1996 05 22.12361	14 44 08.49	-14 09 24.2	4 809
1996 HV ₂₀	1996 05 23.20000	14 41 02.57	-10 33 38.1	4 809	1996 HQ ₂₂	1996 05 22.13681	14 44 07.96	-14 09 20.5	4 809
1996 HV ₂₀	1996 05 23.21319	14 41 01.95	-10 33 34.9	4 809	1996 HQ ₂₂	1996 05 23.18681	14 43 17.96	-14 04 17.4	18.7 4 809
1996 HW ₂₀	1996 05 22.11042	14 43 29.87	-12 50 36.8	4 809	1996 HQ ₂₂	1996 05 23.20000	14 43 17.23	-14 04 13.7	4 809
1996 HW ₂₀	1996 05 22.12361	14 43 29.25	-12 50 35.4	4 809	1996 HQ ₂₂	1996 05 23.21319	14 43 16.58	-14 04 10.9	4 809
1996 HW ₂₀	1996 05 22.13681	14 43 28.60	-12 50 32.5	4 809	1996 HS ₂₂	1996 05 22.11042	14 40 47.63	-14 42 57.4	4 809
1996 HW ₂₀	1996 05 23.18681	14 42 44.21	-12 47 21.6	18.5 4 809	1996 HS ₂₂	1996 05 22.12361	14 40 47.00	-14 42 56.0	4 809
1996 HW ₂₀	1996 05 23.20000	14 42 43.59	-12 47 19.1	4 809	1996 HS ₂₂	1996 05 22.13681	14 40 46.16	-14 42 53.8	4 809
1996 HW ₂₀	1996 05 23.21319	14 42 43.05	-12 47 16.8	4 809	1996 HS ₂₂	1996 05 23.18681	14 39 55.14	-14 40 01.9	18.5 4 809
1996 HA ₂₁	1996 05 22.11042	14 39 47.02	-12 49 48.3	4 809	1996 HS ₂₂	1996 05 23.20000	14 39 54.37	-14 39 58.6	4 809
1996 HA ₂₁	1996 05 22.12361	14 39 46.48	-12 49 45.6	4 809	1996 HS ₂₂	1996 05 23.21319	14 39 53.71	-14 39 57.9	4 809
1996 HA ₂₁	1996 05 22.13681	14 39 45.90	-12 49 41.7	4 809	1996 HV ₂₂	1996 05 22.11042	14 38 59.93	-13 00 42.6	4 809
1996 HA ₂₁	1996 05 23.18681	14 39 00.22	-12 45 47.8	18.7 4 809	1996 HV ₂₂	1996 05 22.12361	14 38 59.09	-13 00 42.6	4 809
1996 HA ₂₁	1996 05 23.20000	14 38 59.62	-12 45 43.8	4 809	1996 HV ₂₂	1996 05 22.13681	14 38 58.29	-13 00 40.5	4 809
1996 HA ₂₁	1996 05 23.21319	14 38 59.15	-12 45 42.9	4 809	1996 HV ₂₂	1996 05 23.18681	14 37 58.18	-12 59 39.8	18.5 4 809
1996 HD ₂₁	1996 05 22.11042	14 39 30.73	-14 01 37.1	4 809	1996 HV ₂₂	1996 05 23.20000	14 37 57.40	-12 59 39.4	4 809
1996 HD ₂₁	1996 05 22.12361	14 39 30.04	-14 01 37.0	4 809	1996 HV ₂₂	1996 05 23.21319	14 37 56.59	-12 59 38.5	4 809
1996 HD ₂₁	1996 05 22.13681	14 39 29.35	-14 01 36.2	4 809	1996 HW ₂₂	1996 05 22.11042	14 46 37.95	-14 29 06.6	4 809
1996 HD ₂₁	1996 05 23.18681	14 38 37.94	-14 00 59.9	17.7 4 809	1996 HW ₂₂	1996 05 22.12361	14 46 37.34	-14 29 03.5	4 809
1996 HD ₂₁	1996 05 23.20000	14 38 37.24	-14 00 59.5	4 809	1996 HW ₂₂	1996 05 22.13681	14 46 36.65	-14 29 01.3	4 809
1996 HD ₂₁	1996 05 23.21319	14 38 36.51	-14 00 58.9	4 809	1996 HW ₂₂	1996 05 23.18681	14 45 50.95	-14 24 12.9	18.5 4 809
1996 HH ₂₁	1996 05 22.11042	14 43 52.17	-12 45 05.4	4 809	1996 HW ₂₂	1996 05 23.20000	14 45 50.32	-14 24 09.2	4 809
1996 HH ₂₁	1996 05 22.12361	14 43 51.52	-12 45 03.5	4 809	1996 HW ₂₂	1996 05 23.21319	14 45 49.67	-14 24 05.8	4 809
1996 HH ₂₁	1996 05 22.13681	14 43 50.89	-12 45 01.8	4 809	1996 HY ₂₂	1996 05 22.11042	14 46 19.73	-13 24 56.7	4 809
1996 HH ₂₁	1996 05 23.18681	14 43 06.12	-12 42 26.4	18.4 4 809	1996 HY ₂₂	1996 05 22.12361	14 46 19.08	-13 24 52.7	4 809
1996 HH ₂₁	1996 05 23.20000	14 43 05.51	-12 42 25.6	4 809	1996 HY ₂₂	1996 05 22.13681	14 46 18.43	-13 24 50.8	4 809
1996 HH ₂₁	1996 05 23.21319	14 43 04.92	-12 42 23.1	4 809	1996 HY ₂₂	1996 05 23.18681	14 45 32.82	-13 20 42.9	18.6 4 809
1996 HL ₂₁	1996 05 22.11042	14 37 54.94	-14 33 27.6	4 809	1996 HY ₂₂	1996 05 23.20000	14 45 32.18	-13 20 39.4	4 809
1996 HL ₂₁	1996 05 22.12361	14 37 54.07	-14 33 25.6	4 809	1996 HY ₂₂	1996 05 23.21319	14 45 31.53	-13 20 37.4	4 809
1996 HL ₂₁	1996 05 22.13681	14 37 53.47	-14 33 25.1	4 809	1996 HZ ₂₂	1996 05 22.11042	14 43 29.62	-10 42 43.1	4 809
1996 HL ₂₁	1996 05 23.18681	14 36 56.70	-14 32 24.6	18.5 4 809	1996 HZ ₂₂	1996 05 22.12361	14 43 28.85	-10 42 38.5	4 809
1996 HL ₂₁	1996 05 23.20000	14 36 55.96	-14 32 24.2	4 809	1996 HZ ₂₂	1996 05 22.13681	14 43 28.19	-10 42 34.3	4 809
1996 HL ₂₁	1996 05 23.21319	14 36 55.24	-14 32 23.6	4 809	1996 HZ ₂₂	1996 05 23.18681	14 42 38.50	-10 36 22.5	18.1 4 809
1996 HM ₂₁	1996 05 22.11042	14 35 39.40	-14 46 42.0	4 809	1996 HZ ₂₂	1996 05 23.20000	14 42 37.87	-10 36 18.0	4 809
1996 HM ₂₁	1996 05 22.12361	14 35 38.54	-14 46 41.3	4 809	1996 HZ ₂₂	1996 05 23.21319	14 42 37.19	-10 36 13.1	4 809

1996 HA ₂₃	1996 05 22.11042	14 49 21.83	-12 09 26.6		4 809	1996 HV ₂₃	1996 05 23.20000	14 45 46.68	-10 23 24.9		4 809
1996 HA ₂₃	1996 05 22.12361	14 49 21.33	-12 09 22.1		4 809	1996 HV ₂₃	1996 05 23.21319	14 45 45.96	-10 23 20.7		4 809
1996 HA ₂₃	1996 05 22.13681	14 49 20.77	-12 09 16.8		4 809	1996 HW ₂₃	1996 05 22.11042	14 44 33.09	-12 09 28.8		4 809
1996 HA ₂₃	1996 05 23.18681	14 48 39.28	-12 02 25.4	18.3	4 809	1996 HW ₂₃	1996 05 22.12361	14 44 32.38	-12 09 29.3		4 809
1996 HA ₂₃	1996 05 23.20000	14 48 38.76	-12 02 20.1		4 809	1996 HW ₂₃	1996 05 22.13681	14 44 31.64	-12 09 28.5		4 809
1996 HA ₂₃	1996 05 23.21319	14 48 38.18	-12 02 14.8		4 809	1996 HW ₂₃	1996 05 23.18681	14 43 36.75	-12 09 15.5	18.4	4 809
1996 HE ₂₃	1996 05 23.18681	14 48 42.62	-13 27 07.7	18.4	4 809	1996 HW ₂₃	1996 05 23.20000	14 43 36.07	-12 09 15.5		4 809
1996 HE ₂₃	1996 05 23.20000	14 48 42.01	-13 27 05.5		4 809	1996 HW ₂₃	1996 05 23.21319	14 43 35.35	-12 09 14.7		4 809
1996 HE ₂₃	1996 05 23.21319	14 48 41.40	-13 27 04.0		4 809	1996 HX ₂₃	1996 05 22.11042	14 47 13.47	-13 17 13.4		4 809
1996 HJ ₂₃	1996 05 22.11042	14 44 06.21	-10 40 01.1		4 809	1996 HX ₂₃	1996 05 22.12361	14 47 12.76	-13 17 14.0		4 809
1996 HJ ₂₃	1996 05 22.12361	14 44 05.46	-10 39 57.6		4 809	1996 HX ₂₃	1996 05 22.13681	14 47 11.96	-13 17 15.0		4 809
1996 HJ ₂₃	1996 05 22.13681	14 44 04.77	-10 39 55.1		4 809	1996 HX ₂₃	1996 05 23.18681	14 46 17.94	-13 18 13.0	18.6	4 809
1996 HJ ₂₃	1996 05 23.18681	14 43 06.41	-10 35 59.5	18.6	4 809	1996 HX ₂₃	1996 05 23.20000	14 46 17.32	-13 18 13.0		4 809
1996 HJ ₂₃	1996 05 23.20000	14 43 05.62	-10 35 56.9		4 809	1996 HX ₂₃	1996 05 23.21319	14 46 16.49	-13 18 13.9		4 809
1996 HJ ₂₃	1996 05 23.21319	14 43 04.80	-10 35 54.4		4 809	1996 HC ₂₄	1996 05 22.11042	14 46 32.72	-12 40 30.2		4 809
1996 HN ₂₃	1996 05 22.11042	14 44 57.04	-11 23 38.3		4 809	1996 HC ₂₄	1996 05 22.12361	14 46 31.96	-12 40 28.5		4 809
1996 HN ₂₃	1996 05 22.12361	14 44 56.29	-11 23 37.4		4 809	1996 HC ₂₄	1996 05 22.13681	14 46 31.16	-12 40 29.0		4 809
1996 HN ₂₃	1996 05 22.13681	14 44 55.56	-11 23 36.3		4 809	1996 HC ₂₄	1996 05 23.18681	14 45 32.79	-12 39 28.0	18.4	4 809
1996 HN ₂₃	1996 05 23.18681	14 43 59.44	-11 22 13.8	18.3	4 809	1996 HC ₂₄	1996 05 23.20000	14 45 32.00	-12 39 27.3		4 809
1996 HN ₂₃	1996 05 23.20000	14 43 58.69	-11 22 12.4		4 809	1996 HC ₂₄	1996 05 23.21319	14 45 31.26	-12 39 26.6		4 809
1996 HN ₂₃	1996 05 23.21319	14 43 57.99	-11 22 11.2		4 809	1996 HD ₂₄	1996 05 23.18681	14 50 40.59	-11 03 32.4	17.6	4 809
1996 HO ₂₃	1996 05 22.11042	14 46 55.62	-11 43 28.0		4 809	1996 HD ₂₄	1996 05 23.20000	14 50 39.94	-11 03 27.0		4 809
1996 HO ₂₃	1996 05 22.12361	14 46 54.95	-11 43 23.9		4 809	1996 HD ₂₄	1996 05 23.21319	14 50 39.28	-11 03 21.9		4 809
1996 HO ₂₃	1996 05 22.13681	14 46 54.32	-11 43 20.1		4 809	1996 HF ₂₄	1996 05 22.11042	14 49 30.59	-11 13 54.8		4 809
1996 HO ₂₃	1996 05 23.18681	14 46 04.69	-11 37 54.2	18.3	4 809	1996 HF ₂₄	1996 05 22.12361	14 49 29.82	-11 13 52.2		4 809
1996 HO ₂₃	1996 05 23.20000	14 46 04.07	-11 37 50.7		4 809	1996 HF ₂₄	1996 05 22.13681	14 49 29.23	-11 13 52.1		4 809
1996 HO ₂₃	1996 05 23.21319	14 46 03.37	-11 37 45.5		4 809	1996 HF ₂₄	1996 05 23.18681	14 48 38.78	-11 11 53.8	18.5	4 809
1996 HP ₂₃	1996 05 22.11042	14 44 45.54	-14 13 11.4		4 809	1996 HF ₂₄	1996 05 23.20000	14 48 38.19	-11 11 52.5		4 809
1996 HP ₂₃	1996 05 22.12361	14 44 44.69	-14 13 10.5		4 809	1996 HF ₂₄	1996 05 23.21319	14 48 37.53	-11 11 51.6		4 809
1996 HP ₂₃	1996 05 22.13681	14 44 44.02	-14 13 09.4		4 809	1996 HH ₂₄	1996 05 22.11042	14 44 37.59	-13 07 03.7		4 809
1996 HP ₂₃	1996 05 23.18681	14 43 48.26	-14 12 01.7	18.4	4 809	1996 HH ₂₄	1996 05 22.12361	14 44 36.77	-13 07 03.7		4 809
1996 HP ₂₃	1996 05 23.20000	14 43 47.59	-14 12 01.1		4 809	1996 HH ₂₄	1996 05 22.13681	14 44 35.90	-13 07 00.7		4 809
1996 HP ₂₃	1996 05 23.21319	14 43 46.80	-14 12 00.6		4 809	1996 HH ₂₄	1996 05 23.18681	14 43 30.45	-13 05 03.4	18.2	4 809
1996 HQ ₂₃	1996 05 22.11042	14 44 13.13	-14 01 10.2		4 809	1996 HH ₂₄	1996 05 23.20000	14 43 29.61	-13 05 02.6		4 809
1996 HQ ₂₃	1996 05 22.12361	14 44 12.24	-14 01 06.4		4 809	1996 HH ₂₄	1996 05 23.21319	14 43 28.77	-13 05 00.5		4 809
1996 HQ ₂₃	1996 05 22.13681	14 44 11.57	-14 01 03.6		4 809	1996 HJ ₂₄	1996 05 22.11042	14 50 43.11	-11 55 41.4		4 809
1996 HQ ₂₃	1996 05 23.18681	14 43 14.60	-13 57 01.3	18.6	4 809	1996 HJ ₂₄	1996 05 22.12361	14 50 42.38	-11 55 37.1		4 809
1996 HQ ₂₃	1996 05 23.20000	14 43 13.86	-13 56 58.3		4 809	1996 HJ ₂₄	1996 05 22.13681	14 50 41.71	-11 55 34.0		4 809
1996 HQ ₂₃	1996 05 23.21319	14 43 13.17	-13 56 55.4		4 809	1996 HJ ₂₄	1996 05 23.18681	14 49 50.79	-11 50 34.4	18.3	4 809
1996 HT ₂₃	1996 05 22.11042	14 45 14.42	-11 34 01.4		4 809	1996 HJ ₂₄	1996 05 23.20000	14 49 50.16	-11 50 29.7		4 809
1996 HT ₂₃	1996 05 22.12361	14 45 13.59	-11 33 59.2		4 809	1996 HJ ₂₄	1996 05 23.21319	14 49 49.39	-11 50 26.4		4 809
1996 HT ₂₃	1996 05 22.13681	14 45 12.93	-11 33 54.7		4 809	1996 HN ₂₄	1996 05 22.11042	14 48 18.37	-12 04 58.4		4 809
1996 HU ₂₃	1996 05 22.11042	14 49 25.17	-12 50 59.6		4 809	1996 HN ₂₄	1996 05 22.12361	14 48 17.64	-12 04 58.8		4 809
1996 HU ₂₃	1996 05 22.12361	14 49 24.49	-12 50 54.3		4 809	1996 HN ₂₄	1996 05 22.13681	14 48 16.89	-12 04 58.3		4 809
1996 HU ₂₃	1996 05 22.13681	14 49 23.92	-12 50 50.1		4 809	1996 HN ₂₄	1996 05 23.18681	14 47 21.62	-12 05 39.1	18.0	4 809
1996 HU ₂₃	1996 05 23.18681	14 48 35.92	-12 44 23.2	18.3	4 809	1996 HN ₂₄	1996 05 23.20000	14 47 20.92	-12 05 38.9		4 809
1996 HU ₂₃	1996 05 23.20000	14 48 35.34	-12 44 17.9		4 809	1996 HN ₂₄	1996 05 23.21319	14 47 20.15	-12 05 39.8		4 809
1996 HU ₂₃	1996 05 23.21319	14 48 34.68	-12 44 12.9		4 809	1996 HU ₂₄	1996 05 22.11042	14 47 33.02	-14 58 49.8		4 809
1996 HV ₂₃	1996 05 22.11042	14 46 40.75	-10 28 44.4		4 809	1996 HU ₂₄	1996 05 22.12361	14 47 32.27	-14 58 47.7		4 809
1996 HV ₂₃	1996 05 22.12361	14 46 40.16	-10 28 40.5		4 809	1996 HU ₂₄	1996 05 22.13681	14 47 31.42	-14 58 47.4		4 809
1996 HV ₂₃	1996 05 22.13681	14 46 39.42	-10 28 36.4		4 809	1996 HU ₂₄	1996 05 23.18681	14 46 30.57	-14 57 57.1	18.5	4 809
1996 HV ₂₃	1996 05 23.18681	14 45 47.29	-10 23 28.6	18.6	4 809	1996 HU ₂₄	1996 05 23.20000	14 46 29.75	-14 57 56.6		4 809

1996 HU ₂₄	1996 05 23.21319	14 46 28.99	-14 57 55.4	4 809	1996 KX ₇	1996 05 23.18681	14 35 03.78	-13 27 12.9	18.5	4 809
1996 KB	1996 05 22.11042	14 33 55.62	-15 10 02.6	4 809	1996 KX ₇	1996 05 23.20000	14 35 03.07	-13 27 07.5		4 809
1996 KB	1996 05 22.12361	14 33 54.99	-15 09 59.2	4 809	1996 KX ₇	1996 05 23.21319	14 35 02.47	-13 27 00.4		4 809
1996 KB	1996 05 22.13681	14 33 54.39	-15 09 55.3	4 809	1996 KY ₇	* 1996 05 22.11042	14 35 56.52	-11 25 55.7		4 809
1996 KB	1996 05 23.18681	14 33 10.50	-15 04 50.9	18.0 4 809	1996 KY ₇	1996 05 22.12361	14 35 55.79	-11 25 54.8		4 809
1996 KB	1996 05 23.20000	14 33 09.94	-15 04 47.2	4 809	1996 KY ₇	1996 05 22.13681	14 35 55.04	-11 25 55.5		4 809
1996 KB	1996 05 23.21319	14 33 09.36	-15 04 44.1	4 809	1996 KY ₇	1996 05 23.18681	14 34 59.19	-11 26 30.0	18.5	4 809
1996 KQ ₇	* 1996 05 22.11042	14 30 50.40	-14 20 09.1	4 809	1996 KY ₇	1996 05 23.20000	14 34 58.49	-11 26 30.4		4 809
1996 KQ ₇	1996 05 22.12361	14 30 49.70	-14 20 03.9	4 809	1996 KY ₇	1996 05 23.21319	14 34 57.70	-11 26 30.8		4 809
1996 KQ ₇	1996 05 22.13681	14 30 49.05	-14 19 58.3	4 809	1996 KZ ₇	* 1996 05 22.11042	14 36 45.83	-12 12 54.7		4 809
1996 KQ ₇	1996 05 23.18681	14 30 01.52	-14 13 17.3	18.4 4 809	1996 KZ ₇	1996 05 22.12361	14 36 45.18	-12 12 52.9		4 809
1996 KQ ₇	1996 05 23.20000	14 30 00.91	-14 13 13.4	4 809	1996 KZ ₇	1996 05 22.13681	14 36 44.45	-12 12 53.0		4 809
1996 KQ ₇	1996 05 23.21319	14 30 00.23	-14 13 08.4	4 809	1996 KZ ₇	1996 05 23.18681	14 35 59.45	-12 11 39.1	18.5	4 809
1996 KR ₇	* 1996 05 22.11042	14 32 40.69	-14 49 48.0	4 809	1996 KZ ₇	1996 05 23.20000	14 35 58.80	-12 11 38.3		4 809
1996 KR ₇	1996 05 22.12361	14 32 40.17	-14 49 40.0	4 809	1996 KZ ₇	1996 05 23.21319	14 35 58.22	-12 11 37.6		4 809
1996 KR ₇	1996 05 22.13681	14 32 39.61	-14 49 33.0	4 809	1996 KA ₈	* 1996 05 22.11042	14 37 31.75	-14 26 26.9		4 809
1996 KR ₇	1996 05 23.18681	14 31 57.91	-14 40 04.0	18.3 4 809	1996 KA ₈	1996 05 22.12361	14 37 31.02	-14 26 26.6		4 809
1996 KR ₇	1996 05 23.20000	14 31 57.37	-14 39 57.9	4 809	1996 KA ₈	1996 05 22.13681	14 37 30.64	-14 26 23.4		4 809
1996 KR ₇	1996 05 23.21319	14 31 56.83	-14 39 50.4	4 809	1996 KA ₈	1996 05 23.18681	14 36 45.31	-14 22 33.6	18.6	4 809
1996 KS ₇	* 1996 05 22.11042	14 32 54.57	-10 58 48.4	4 809	1996 KA ₈	1996 05 23.20000	14 36 44.64	-14 22 29.7		4 809
1996 KS ₇	1996 05 22.12361	14 32 53.75	-10 58 45.4	4 809	1996 KA ₈	1996 05 23.21319	14 36 44.08	-14 22 28.0		4 809
1996 KS ₇	1996 05 22.13681	14 32 53.13	-10 58 43.5	4 809	1996 KB ₈	* 1996 05 22.11042	14 37 51.45	-11 42 14.8		4 809
1996 KS ₇	1996 05 23.18681	14 32 00.27	-10 55 32.5	18.4 4 809	1996 KB ₈	1996 05 22.12361	14 37 50.82	-11 42 13.5		4 809
1996 KS ₇	1996 05 23.20000	14 31 59.60	-10 55 30.2	4 809	1996 KB ₈	1996 05 22.13681	14 37 50.07	-11 42 12.3		4 809
1996 KS ₇	1996 05 23.21319	14 31 58.88	-10 55 27.4	4 809	1996 KB ₈	1996 05 23.18681	14 36 59.47	-11 40 46.7	18.5	4 809
1996 KT ₇	* 1996 05 22.11042	14 34 30.23	-10 25 08.7	4 809	1996 KB ₈	1996 05 23.20000	14 36 59.06	-11 40 45.6		4 809
1996 KT ₇	1996 05 22.12361	14 34 29.58	-10 24 57.0	4 809	1996 KB ₈	1996 05 23.21319	14 36 58.41	-11 40 44.7		4 809
1996 KT ₇	1996 05 22.13681	14 34 28.90	-10 24 45.0	4 809	1996 KC ₈	* 1996 05 22.11042	14 37 58.23	-10 40 05.0		4 809
1996 KT ₇	1996 05 23.18681	14 33 39.85	-10 08 34.3	18.0 4 809	1996 KC ₈	1996 05 22.12361	14 37 57.51	-10 39 59.3		4 809
1996 KT ₇	1996 05 23.20000	14 33 39.21	-10 08 21.0	4 809	1996 KC ₈	1996 05 22.13681	14 37 56.92	-10 39 54.2		4 809
1996 KT ₇	1996 05 23.21319	14 33 38.64	-10 08 09.3	4 809	1996 KC ₈	1996 05 23.18681	14 37 09.43	-10 32 45.7	18.6	4 809
1996 KU ₇	* 1996 05 22.11042	14 34 56.20	-15 23 44.6	4 809	1996 KC ₈	1996 05 23.20000	14 37 08.70	-10 32 40.5		4 809
1996 KU ₇	1996 05 22.12361	14 34 55.45	-15 23 40.4	4 809	1996 KC ₈	1996 05 23.21319	14 37 08.18	-10 32 35.0		4 809
1996 KU ₇	1996 05 22.13681	14 34 54.65	-15 23 39.2	4 809	1996 KD ₈	* 1996 05 22.11042	14 38 30.13	-15 25 06.0		4 809
1996 KU ₇	1996 05 23.18681	14 33 59.60	-15 20 27.5	18.4 4 809	1996 KD ₈	1996 05 22.12361	14 38 29.40	-15 25 00.6		4 809
1996 KU ₇	1996 05 23.20000	14 33 58.86	-15 20 25.5	4 809	1996 KD ₈	1996 05 22.13681	14 38 28.84	-15 24 58.4		4 809
1996 KU ₇	1996 05 23.21319	14 33 58.06	-15 20 22.7	4 809	1996 KD ₈	1996 05 23.18681	14 37 39.63	-15 19 27.3	18.5	4 809
1996 KV ₇	* 1996 05 22.11042	14 35 08.41	-14 27 00.4	4 809	1996 KD ₈	1996 05 23.20000	14 37 38.98	-15 19 22.0		4 809
1996 KV ₇	1996 05 22.12361	14 35 07.63	-14 26 55.0	4 809	1996 KD ₈	1996 05 23.21319	14 37 38.34	-15 19 17.8		4 809
1996 KV ₇	1996 05 22.13681	14 35 06.85	-14 26 49.6	4 809	1996 KE ₈	* 1996 05 22.11042	14 38 50.68	-12 48 14.3		4 809
1996 KV ₇	1996 05 23.18681	14 34 09.93	-14 19 01.6	17.8 4 809	1996 KE ₈	1996 05 22.12361	14 38 50.07	-12 48 17.7		4 809
1996 KV ₇	1996 05 23.20000	14 34 09.15	-14 18 55.5	4 809	1996 KE ₈	1996 05 22.13681	14 38 49.42	-12 48 21.2		4 809
1996 KV ₇	1996 05 23.21319	14 34 08.37	-14 18 49.9	4 809	1996 KE ₈	1996 05 23.18681	14 37 57.19	-12 52 34.5	19.2	4 809
1996 KW ₇	* 1996 05 22.11042	14 35 43.77	-13 23 23.0	4 809	1996 KE ₈	1996 05 23.20000	14 37 56.45	-12 52 38.3		4 809
1996 KW ₇	1996 05 22.12361	14 35 43.04	-13 23 16.6	4 809	1996 KE ₈	1996 05 23.21319	14 37 55.91	-12 52 40.9		4 809
1996 KW ₇	1996 05 22.13681	14 35 42.37	-13 23 10.9	4 809	1996 KF ₈	* 1996 05 22.11042	14 38 56.48	-11 57 51.0		4 809
1996 KW ₇	1996 05 23.18681	14 34 51.35	-13 15 20.4	18.4 4 809	1996 KF ₈	1996 05 22.12361	14 38 55.71	-11 57 54.2		4 809
1996 KW ₇	1996 05 23.20000	14 34 50.71	-13 15 14.0	4 809	1996 KF ₈	1996 05 22.13681	14 38 54.98	-11 57 55.1		4 809
1996 KW ₇	1996 05 23.21319	14 34 49.95	-13 15 07.7	4 809	1996 KF ₈	1996 05 23.18681	14 37 57.71	-12 00 29.0	18.4	4 809
1996 KX ₇	* 1996 05 22.11042	14 35 49.55	-13 35 44.7	4 809	1996 KF ₈	1996 05 23.20000	14 37 56.85	-12 00 31.2		4 809
1996 KX ₇	1996 05 22.12361	14 35 48.88	-13 35 37.5	4 809	1996 KF ₈	1996 05 23.21319	14 37 56.22	-12 00 32.0		4 809
1996 KX ₇	1996 05 22.13681	14 35 48.37	-13 35 31.3	4 809	1996 KG ₈	* 1996 05 22.11042	14 39 01.09	-11 52 14.2		4 809

1996 KG ₈	1996 05 22.12361	14 39 00.21	-11 52 13.2		4 809	1996 KP ₈	1996 05 23.21319	14 40 38.21	-11 06 20.6		4 809
1996 KG ₈	1996 05 22.13681	14 38 59.51	-11 52 13.7		4 809	1996 KQ ₈	* 1996 05 22.11042	14 42 02.58	-13 32 10.0		4 809
1996 KG ₈	1996 05 23.18681	14 38 02.73	-11 51 37.4	19.0	4 809	1996 KQ ₈	1996 05 22.12361	14 42 01.84	-13 31 57.5		4 809
1996 KG ₈	1996 05 23.20000	14 38 02.01	-11 51 38.0		4 809	1996 KQ ₈	1996 05 22.13681	14 42 01.08	-13 31 44.0		4 809
1996 KG ₈	1996 05 23.21319	14 38 01.21	-11 51 36.8		4 809	1996 KQ ₈	1996 05 23.18681	14 41 06.88	-13 13 50.3	18.2	4 809
1996 KH ₈	* 1996 05 22.11042	14 39 09.03	-12 51 04.3		4 809	1996 KQ ₈	1996 05 23.20000	14 41 06.19	-13 13 36.3		4 809
1996 KH ₈	1996 05 22.12361	14 39 08.20	-12 50 59.6		4 809	1996 KQ ₈	1996 05 23.21319	14 41 05.43	-13 13 23.2		4 809
1996 KH ₈	1996 05 22.13681	14 39 07.47	-12 50 55.5		4 809	1996 KR ₈	* 1996 05 22.11042	14 42 03.18	-12 46 19.2		4 809
1996 KH ₈	1996 05 23.18681	14 38 11.88	-12 45 24.3	18.4	4 809	1996 KR ₈	1996 05 22.12361	14 42 02.44	-12 46 19.1		4 809
1996 KH ₈	1996 05 23.20000	14 38 11.16	-12 45 20.4		4 809	1996 KR ₈	1996 05 22.13681	14 42 01.69	-12 46 18.3		4 809
1996 KH ₈	1996 05 23.21319	14 38 10.47	-12 45 15.8		4 809	1996 KR ₈	1996 05 23.18681	14 41 02.44	-12 44 49.4	18.7	4 809
1996 KJ ₈	* 1996 05 22.11042	14 39 18.71	-11 42 57.5		4 809	1996 KR ₈	1996 05 23.20000	14 41 01.64	-12 44 47.1		4 809
1996 KJ ₈	1996 05 22.12361	14 39 18.23	-11 42 53.6		4 809	1996 KR ₈	1996 05 23.21319	14 41 00.96	-12 44 45.9		4 809
1996 KJ ₈	1996 05 22.13681	14 39 17.58	-11 42 52.1		4 809	1996 KS ₈	* 1996 05 22.11042	14 42 07.14	-14 09 25.0		4 809
1996 KJ ₈	1996 05 23.18681	14 38 37.39	-11 39 42.3	18.7	4 809	1996 KS ₈	1996 05 22.12361	14 42 06.65	-14 09 20.5		4 809
1996 KJ ₈	1996 05 23.20000	14 38 36.79	-11 39 39.6		4 809	1996 KS ₈	1996 05 22.13681	14 42 06.09	-14 09 15.8		4 809
1996 KJ ₈	1996 05 23.21319	14 38 36.18	-11 39 37.6		4 809	1996 KS ₈	1996 05 23.18681	14 41 25.12	-14 03 02.5	18.5	4 809
1996 KK ₈	* 1996 05 22.11042	14 39 52.14	-13 24 42.2		4 809	1996 KS ₈	1996 05 23.20000	14 41 24.53	-14 02 57.4		4 809
1996 KK ₈	1996 05 22.12361	14 39 51.72	-13 24 34.8		4 809	1996 KS ₈	1996 05 23.21319	14 41 23.97	-14 02 53.7		4 809
1996 KK ₈	1996 05 22.13681	14 39 51.25	-13 24 27.7		4 809	1996 KT ₈	* 1996 05 22.11042	14 42 17.08	-13 47 33.6		4 809
1996 KK ₈	1996 05 23.18681	14 39 22.23	-13 15 15.3	18.2	4 809	1996 KT ₈	1996 05 22.12361	14 42 16.45	-13 47 27.3		4 809
1996 KK ₈	1996 05 23.20000	14 39 21.83	-13 15 08.0		4 809	1996 KT ₈	1996 05 22.13681	14 42 15.89	-13 47 21.1		4 809
1996 KK ₈	1996 05 23.21319	14 39 21.42	-13 15 01.6		4 809	1996 KT ₈	1996 05 23.18681	14 41 32.04	-13 39 31.0	18.0	4 809
1996 KL ₈	* 1996 05 22.11042	14 40 14.71	-12 08 31.7		4 809	1996 KT ₈	1996 05 23.20000	14 41 31.45	-13 39 25.3		4 809
1996 KL ₈	1996 05 22.12361	14 40 13.93	-12 08 31.2		4 809	1996 KT ₈	1996 05 23.21319	14 41 30.85	-13 39 19.6		4 809
1996 KL ₈	1996 05 22.13681	14 40 13.22	-12 08 31.2		4 809	1996 KU ₈	* 1996 05 22.11042	14 43 01.17	-11 05 16.8		4 809
1996 KL ₈	1996 05 23.18681	14 39 20.66	-12 08 04.6	18.7	4 809	1996 KU ₈	1996 05 22.12361	14 43 00.54	-11 05 11.9		4 809
1996 KL ₈	1996 05 23.20000	14 39 19.97	-12 08 04.7		4 809	1996 KU ₈	1996 05 22.13681	14 42 59.97	-11 05 09.5		4 809
1996 KL ₈	1996 05 23.21319	14 39 19.26	-12 08 03.8		4 809	1996 KU ₈	1996 05 23.18681	14 42 12.32	-11 02 00.0	18.7	4 809
1996 KM ₈	* 1996 05 22.11042	14 41 07.63	-13 25 58.7		4 809	1996 KU ₈	1996 05 23.20000	14 42 11.59	-11 01 58.7		4 809
1996 KM ₈	1996 05 22.12361	14 41 06.76	-13 26 02.8		4 809	1996 KU ₈	1996 05 23.21319	14 42 10.96	-11 01 55.8		4 809
1996 KM ₈	1996 05 22.13681	14 41 06.13	-13 26 04.0		4 809	1996 KV ₈	* 1996 05 22.11042	14 43 05.21	-14 27 20.8		4 809
1996 KM ₈	1996 05 23.18681	14 40 06.85	-13 29 44.0	18.4	4 809	1996 KV ₈	1996 05 22.12361	14 43 04.47	-14 27 15.7		4 809
1996 KM ₈	1996 05 23.20000	14 40 06.05	-13 29 47.9		4 809	1996 KV ₈	1996 05 22.13681	14 43 03.83	-14 27 09.2		4 809
1996 KM ₈	1996 05 23.21319	14 40 05.28	-13 29 50.4		4 809	1996 KV ₈	1996 05 23.18681	14 42 17.75	-14 19 52.6	18.4	4 809
1996 KN ₈	* 1996 05 22.11042	14 41 09.46	-11 51 55.6		4 809	1996 KV ₈	1996 05 23.20000	14 42 17.16	-14 19 47.6		4 809
1996 KN ₈	1996 05 22.12361	14 41 08.73	-11 51 52.5		4 809	1996 KV ₈	1996 05 23.21319	14 42 16.51	-14 19 41.4		4 809
1996 KN ₈	1996 05 22.13681	14 41 07.99	-11 51 48.6		4 809	1996 KW ₈	* 1996 05 22.11042	14 43 43.69	-12 43 20.5		4 809
1996 KN ₈	1996 05 23.18681	14 40 14.69	-11 47 29.9	18.6	4 809	1996 KW ₈	1996 05 22.12361	14 43 43.09	-12 43 18.8		4 809
1996 KN ₈	1996 05 23.20000	14 40 13.92	-11 47 25.0		4 809	1996 KW ₈	1996 05 22.13681	14 43 42.60	-12 43 16.0		4 809
1996 KN ₈	1996 05 23.21319	14 40 13.31	-11 47 23.3		4 809	1996 KW ₈	1996 05 23.18681	14 43 02.66	-12 38 48.0	18.6	4 809
1996 KO ₈	* 1996 05 22.11042	14 41 19.45	-10 13 04.0		4 809	1996 KW ₈	1996 05 23.20000	14 43 02.10	-12 38 44.9		4 809
1996 KO ₈	1996 05 22.12361	14 41 18.69	-10 13 04.3		4 809	1996 KW ₈	1996 05 23.21319	14 43 01.63	-12 38 41.1		4 809
1996 KO ₈	1996 05 22.13681	14 41 18.04	-10 13 05.3		4 809	1996 KX ₈	* 1996 05 22.11042	14 44 30.30	-11 11 30.2		4 809
1996 KO ₈	1996 05 23.18681	14 40 25.77	-10 12 49.6	18.5	4 809	1996 KX ₈	1996 05 22.12361	14 44 29.68	-11 11 28.0		4 809
1996 KO ₈	1996 05 23.20000	14 40 25.11	-10 12 49.4		4 809	1996 KX ₈	1996 05 22.13681	14 44 29.14	-11 11 26.7		4 809
1996 KO ₈	1996 05 23.21319	14 40 24.36	-10 12 47.4		4 809	1996 KX ₈	1996 05 23.18681	14 43 44.07	-11 08 43.4	18.7	4 809
1996 KP ₈	* 1996 05 22.11042	14 41 27.26	-11 09 48.2		4 809	1996 KX ₈	1996 05 23.20000	14 43 43.50	-11 08 41.4		4 809
1996 KP ₈	1996 05 22.12361	14 41 26.79	-11 09 46.1		4 809	1996 KX ₈	1996 05 23.21319	14 43 42.87	-11 08 39.9		4 809
1996 KP ₈	1996 05 22.13681	14 41 26.25	-11 09 42.8		4 809	1996 KY ₈	* 1996 05 22.11042	14 44 46.38	-11 03 33.5		4 809
1996 KP ₈	1996 05 23.18681	14 40 39.55	-11 06 26.8	18.6	4 809	1996 KY ₈	1996 05 22.12361	14 44 45.51	-11 03 33.8		4 809
1996 KP ₈	1996 05 23.20000	14 40 38.85	-11 06 23.4		4 809	1996 KY ₈	1996 05 22.13681	14 44 44.85	-11 03 34.6		4 809

1996 KY ₈	1996 05 23.18681	14 43 48.20	-11 04 13.7	18.3	4 809	1996 KH ₉	1996 05 22.12361	14 48 45.02	-14 32 06.0		4 809
1996 KY ₈	1996 05 23.20000	14 43 47.50	-11 04 13.5		4 809	1996 KH ₉	1996 05 22.13681	14 48 44.35	-14 32 05.2		4 809
1996 KY ₈	1996 05 23.21319	14 43 46.70	-11 04 14.4		4 809	1996 KH ₉	1996 05 23.18681	14 47 50.47	-14 29 55.0	19.0	4 809
1996 KZ ₈	* 1996 05 22.11042	14 44 53.49	-13 22 54.1		4 809	1996 KH ₉	1996 05 23.20000	14 47 49.74	-14 29 53.9		4 809
1996 KZ ₈	1996 05 22.12361	14 44 52.59	-13 22 53.5		4 809	1996 KH ₉	1996 05 23.21319	14 47 49.02	-14 29 53.5		4 809
1996 KZ ₈	1996 05 22.13681	14 44 51.94	-13 22 50.7		4 809	1996 KJ ₉	* 1996 05 22.11042	14 49 16.62	-10 47 55.0		4 809
1996 KZ ₈	1996 05 23.18681	14 44 00.36	-13 20 00.4	18.8	4 809	1996 KJ ₉	1996 05 22.12361	14 49 16.03	-10 47 53.8		4 809
1996 KZ ₈	1996 05 23.20000	14 43 59.50	-13 19 56.8		4 809	1996 KJ ₉	1996 05 22.13681	14 49 15.45	-10 47 52.6		4 809
1996 KZ ₈	1996 05 23.21319	14 43 58.94	-13 19 56.5		4 809	1996 KJ ₉	1996 05 23.18681	14 48 30.33	-10 46 02.2	18.5	4 809
1996 KA ₉	* 1996 05 22.11042	14 45 21.44	-14 16 36.7		4 809	1996 KJ ₉	1996 05 23.20000	14 48 29.82	-10 46 01.1		4 809
1996 KA ₉	1996 05 22.12361	14 45 20.73	-14 16 35.2		4 809	1996 KJ ₉	1996 05 23.21319	14 48 29.19	-10 45 59.4		4 809
1996 KA ₉	1996 05 22.13681	14 45 20.04	-14 16 34.7		4 809	1996 KK ₉	* 1996 05 22.11042	14 49 29.48	-13 30 14.0		4 809
1996 KA ₉	1996 05 23.18681	14 44 28.35	-14 14 30.3	18.5	4 809	1996 KK ₉	1996 05 22.12361	14 49 28.94	-13 30 12.7		4 809
1996 KA ₉	1996 05 23.20000	14 44 27.63	-14 14 27.0		4 809	1996 KK ₉	1996 05 22.13681	14 49 28.34	-13 30 11.2		4 809
1996 KA ₉	1996 05 23.21319	14 44 26.94	-14 14 26.0		4 809	1996 KK ₉	1996 05 23.18681	14 48 51.90	-13 27 18.7	18.6	4 809
1996 KB ₉	* 1996 05 22.11042	14 45 35.07	-10 29 18.2		4 809	1996 KK ₉	1996 05 23.20000	14 48 51.30	-13 27 16.8		4 809
1996 KB ₉	1996 05 22.12361	14 45 34.38	-10 29 18.0		4 809	1996 KK ₉	1996 05 23.21319	14 48 50.73	-13 27 15.0		4 809
1996 KB ₉	1996 05 22.13681	14 45 33.72	-10 29 18.5		4 809	1996 KL ₉	* 1996 05 22.11042	14 50 26.45	-11 43 04.0		4 809
1996 KB ₉	1996 05 23.18681	14 44 44.63	-10 29 05.4	18.5	4 809	1996 KL ₉	1996 05 22.12361	14 50 25.79	-11 43 01.7		4 809
1996 KB ₉	1996 05 23.20000	14 44 43.98	-10 29 04.3		4 809	1996 KL ₉	1996 05 22.13681	14 50 25.04	-11 43 02.2		4 809
1996 KB ₉	1996 05 23.21319	14 44 43.38	-10 29 04.1		4 809	1996 KL ₉	1996 05 23.18681	14 49 33.47	-11 41 45.3	18.8	4 809
1996 KC ₉	* 1996 05 22.11042	14 45 43.72	-14 24 27.9		4 809	1996 KL ₉	1996 05 23.20000	14 49 32.73	-11 41 45.1		4 809
1996 KC ₉	1996 05 22.12361	14 45 42.99	-14 24 22.7		4 809	1996 KL ₉	1996 05 23.21319	14 49 32.07	-11 41 43.4		4 809
1996 KC ₉	1996 05 22.13681	14 45 42.31	-14 24 14.6		4 809	1996 KM ₉	* 1996 05 22.11042	14 50 44.52	-11 50 25.5		4 809
1996 KC ₉	1996 05 23.18681	14 44 52.68	-14 15 30.3	18.3	4 809	1996 KM ₉	1996 05 22.12361	14 50 43.80	-11 50 26.8		4 809
1996 KC ₉	1996 05 23.20000	14 44 52.01	-14 15 23.5		4 809	1996 KM ₉	1996 05 22.13681	14 50 43.02	-11 50 28.9		4 809
1996 KC ₉	1996 05 23.21319	14 44 51.37	-14 15 17.2		4 809	1996 KM ₉	1996 05 23.18681	14 49 44.85	-11 52 59.5	18.2	4 809
1996 KD ₉	* 1996 05 22.11042	14 46 03.95	-10 14 49.5		4 809	1996 KM ₉	1996 05 23.20000	14 49 44.08	-11 53 01.8		4 809
1996 KD ₉	1996 05 22.12361	14 46 03.43	-10 14 45.2		4 809	1996 KM ₉	1996 05 23.21319	14 49 43.33	-11 53 02.5		4 809
1996 KD ₉	1996 05 22.13681	14 46 02.75	-10 14 43.4		4 809	1996 LH	1992 04 06.11007	10 26 13.28	+11 25 11.5	18.8	8 809
1996 KD ₉	1996 05 23.18681	14 45 13.69	-10 12 00.3	18.7	4 809	1996 ND ₂	* 1996 07 14.27639	21 50 15.26	-10 13 21.5	18.5	4 809
1996 KD ₉	1996 05 23.20000	14 45 13.10	-10 11 57.7		4 809	1996 ND ₂	1996 07 14.28958	21 50 14.89	-10 13 22.0		4 809
1996 KD ₉	1996 05 23.21319	14 45 12.47	-10 11 53.8		4 809	1996 ND ₂	1996 07 14.30278	21 50 14.53	-10 13 24.4		4 809
1996 KE ₉	* 1996 05 22.11042	14 46 37.91	-11 22 10.2		4 809	1996 ND ₂	1996 07 16.29514	21 49 21.59	-10 16 28.9		4 809
1996 KE ₉	1996 05 22.12361	14 46 37.50	-11 22 09.4		4 809	1996 ND ₂	1996 07 16.30833	21 49 21.22	-10 16 30.0		4 809
1996 KE ₉	1996 05 22.13681	14 46 36.73	-11 22 05.1		4 809	1996 ND ₂	1996 07 16.32153	21 49 20.79	-10 16 32.3		4 809
1996 KE ₉	1996 05 23.18681	14 45 53.32	-11 18 16.1	19.0	4 809	1996 NE ₂	* 1996 07 14.27639	21 50 32.59	-08 10 21.6	18.7	4 809
1996 KE ₉	1996 05 23.20000	14 45 52.64	-11 18 12.0		4 809	1996 NE ₂	1996 07 14.28958	21 50 32.15	-08 10 21.7		4 809
1996 KE ₉	1996 05 23.21319	14 45 52.10	-11 18 09.3		4 809	1996 NE ₂	1996 07 14.30278	21 50 31.53	-08 10 21.0		4 809
1996 KF ₉	* 1996 05 22.11042	14 47 37.97	-14 51 55.5		4 809	1996 NE ₂	1996 07 16.29514	21 49 18.76	-08 08 53.2		4 809
1996 KF ₉	1996 05 22.12361	14 47 37.50	-14 51 46.7		4 809	1996 NE ₂	1996 07 16.30833	21 49 18.21	-08 08 52.2		4 809
1996 KF ₉	1996 05 22.13681	14 47 36.97	-14 51 38.2		4 809	1996 NE ₂	1996 07 16.32153	21 49 17.70	-08 08 51.8		4 809
1996 KF ₉	1996 05 23.18681	14 47 03.04	-14 39 52.5	18.5	4 809	1996 NF ₂	* 1996 07 14.27639	21 50 35.78	-10 53 48.2	18.6	4 809
1996 KF ₉	1996 05 23.20000	14 47 02.58	-14 39 43.5		4 809	1996 NF ₂	1996 07 14.28958	21 50 35.27	-10 53 45.9		4 809
1996 KF ₉	1996 05 23.21319	14 47 02.10	-14 39 35.5		4 809	1996 NF ₂	1996 07 14.30278	21 50 34.80	-10 53 45.1		4 809
1996 KG ₉	* 1996 05 22.11042	14 48 15.01	-13 24 17.6		4 809	1996 NF ₂	1996 07 16.29514	21 49 31.65	-10 50 05.2		4 809
1996 KG ₉	1996 05 22.12361	14 48 14.58	-13 24 14.0		4 809	1996 NF ₂	1996 07 16.30833	21 49 31.24	-10 50 02.2		4 809
1996 KG ₉	1996 05 22.13681	14 48 14.00	-13 24 10.8		4 809	1996 NF ₂	1996 07 16.32153	21 49 30.79	-10 50 02.0		4 809
1996 KG ₉	1996 05 23.18681	14 47 31.19	-13 20 11.4	18.5	4 809	1996 NG ₂	* 1996 07 14.27639	21 51 30.45	-10 29 09.7	18.4	4 809
1996 KG ₉	1996 05 23.20000	14 47 30.56	-13 20 07.7		4 809	1996 NG ₂	1996 07 14.28958	21 51 30.10	-10 29 09.4		4 809
1996 KG ₉	1996 05 23.21319	14 47 29.98	-13 20 03.8		4 809	1996 NG ₂	1996 07 14.30278	21 51 29.74	-10 29 06.8		4 809
1996 KH ₉	* 1996 05 22.11042	14 48 45.95	-14 32 04.9		4 809	1996 NG ₂	1996 07 16.29514	21 50 39.22	-10 26 06.6		4 809

1996 NG ₂	1996 07 16.30833	21 50 38.75	-10 26 05.2		4 809	1996 NQ ₂	1996 07 14.30278	21 54 48.14	-09 50 08.0		4 809
1996 NG ₂	1996 07 16.32153	21 50 38.34	-10 26 05.1		4 809	1996 NQ ₂	1996 07 16.29514	21 54 10.80	-09 52 46.0		4 809
1996 NH ₂	* 1996 07 14.27639	21 51 31.33	-09 46 20.7	18.6	4 809	1996 NQ ₂	1996 07 16.30833	21 54 10.41	-09 52 47.6		4 809
1996 NH ₂	1996 07 14.28958	21 51 30.90	-09 46 22.0		4 809	1996 NQ ₂	1996 07 16.32153	21 54 10.07	-09 52 48.0		4 809
1996 NH ₂	1996 07 14.30278	21 51 30.58	-09 46 23.9		4 809	1996 NR ₂	* 1996 07 14.27639	21 55 19.69	-10 35 42.5	18.4	4 809
1996 NH ₂	1996 07 16.29514	21 50 33.89	-09 50 03.5		4 809	1996 NR ₂	1996 07 14.28958	21 55 19.36	-10 35 48.5		4 809
1996 NH ₂	1996 07 16.30833	21 50 33.52	-09 50 02.7		4 809	1996 NR ₂	1996 07 14.30278	21 55 19.10	-10 35 54.5		4 809
1996 NH ₂	1996 07 16.32153	21 50 33.07	-09 50 04.9		4 809	1996 NR ₂	1996 07 16.29514	21 54 41.67	-10 50 47.5		4 809
1996 NJ ₂	* 1996 07 14.27639	21 51 50.37	-11 12 33.6	18.4	4 809	1996 NR ₂	1996 07 16.30833	21 54 41.34	-10 50 55.0		4 809
1996 NJ ₂	1996 07 14.28958	21 51 49.92	-11 12 32.1		4 809	1996 NR ₂	1996 07 16.32153	21 54 41.09	-10 51 02.3		4 809
1996 NJ ₂	1996 07 14.30278	21 51 49.46	-11 12 30.0		4 809	1996 NS ₂	* 1996 07 14.27639	21 55 21.98	-10 58 36.2	18.6	4 809
1996 NJ ₂	1996 07 16.29514	21 50 49.91	-11 08 28.9		4 809	1996 NS ₂	1996 07 14.28958	21 55 21.59	-10 58 40.5		4 809
1996 NJ ₂	1996 07 16.30833	21 50 49.39	-11 08 26.5		4 809	1996 NS ₂	1996 07 14.30278	21 55 21.16	-10 58 42.1		4 809
1996 NJ ₂	1996 07 16.32153	21 50 48.95	-11 08 26.1		4 809	1996 NS ₂	1996 07 16.29514	21 54 23.33	-11 06 58.4		4 809
1996 NK ₂	* 1996 07 14.27639	21 52 12.06	-11 05 43.1	18.5	4 809	1996 NS ₂	1996 07 16.30833	21 54 22.82	-11 07 02.2		4 809
1996 NK ₂	1996 07 14.28958	21 52 11.63	-11 05 44.8		4 809	1996 NS ₂	1996 07 16.32153	21 54 22.27	-11 07 06.5		4 809
1996 NK ₂	1996 07 14.30278	21 52 11.18	-11 05 47.3		4 809	1996 NT ₂	* 1996 07 14.27639	21 55 23.20	-12 28 28.5	18.5	4 809
1996 NK ₂	1996 07 16.29514	21 51 14.76	-11 10 30.2		4 809	1996 NT ₂	1996 07 14.28958	21 55 22.87	-12 28 30.2		4 809
1996 NK ₂	1996 07 16.30833	21 51 14.29	-11 10 31.8		4 809	1996 NT ₂	1996 07 14.30278	21 55 22.46	-12 28 33.1		4 809
1996 NK ₂	1996 07 16.32153	21 51 13.86	-11 10 34.0		4 809	1996 NT ₂	1996 07 16.29514	21 54 23.80	-12 34 08.8		4 809
1996 NL ₂	* 1996 07 14.27639	21 52 42.32	-07 51 49.1	18.4	4 809	1996 NT ₂	1996 07 16.30833	21 54 23.37	-12 34 12.4		4 809
1996 NL ₂	1996 07 14.28958	21 52 42.00	-07 51 51.0		4 809	1996 NT ₂	1996 07 16.32153	21 54 22.90	-12 34 15.5		4 809
1996 NL ₂	1996 07 14.30278	21 52 41.70	-07 51 53.4		4 809	1996 NU ₂	* 1996 07 14.27639	21 55 28.06	-07 40 15.5	18.3	4 809
1996 NL ₂	1996 07 16.29514	21 52 02.12	-07 56 47.8		4 809	1996 NU ₂	1996 07 14.28958	21 55 27.83	-07 40 17.3		4 809
1996 NL ₂	1996 07 16.30833	21 52 01.82	-07 56 50.4		4 809	1996 NU ₂	1996 07 14.30278	21 55 27.40	-07 40 18.5		4 809
1996 NL ₂	1996 07 16.32153	21 52 01.52	-07 56 51.7		4 809	1996 NU ₂	1996 07 16.29514	21 54 30.44	-07 43 51.6		4 809
1996 NM ₂	* 1996 07 14.27639	21 53 17.89	-11 35 05.6	18.5	4 809	1996 NU ₂	1996 07 16.30833	21 54 29.83	-07 43 53.9		4 809
1996 NM ₂	1996 07 14.28958	21 53 17.44	-11 35 07.5		4 809	1996 NU ₂	1996 07 16.32153	21 54 29.44	-07 43 53.1		4 809
1996 NM ₂	1996 07 14.30278	21 53 17.01	-11 35 10.3		4 809	1996 NV ₂	* 1996 07 14.27639	21 55 54.09	-07 37 43.4	18.5	4 809
1996 NM ₂	1996 07 16.29514	21 52 17.28	-11 41 39.8		4 809	1996 NV ₂	1996 07 14.28958	21 55 53.81	-07 37 46.8		4 809
1996 NM ₂	1996 07 16.30833	21 52 16.92	-11 41 42.7		4 809	1996 NV ₂	1996 07 14.30278	21 55 53.47	-07 37 49.4		4 809
1996 NM ₂	1996 07 16.32153	21 52 16.37	-11 41 45.8		4 809	1996 NV ₂	1996 07 16.29514	21 55 12.09	-07 45 14.0		4 809
1996 NN ₂	* 1996 07 14.27639	21 53 38.59	-12 10 53.2	18.0	4 809	1996 NV ₂	1996 07 16.30833	21 55 11.71	-07 45 16.8		4 809
1996 NN ₂	1996 07 14.28958	21 53 38.33	-12 10 55.2		4 809	1996 NV ₂	1996 07 16.32153	21 55 11.33	-07 45 20.3		4 809
1996 NN ₂	1996 07 14.30278	21 53 38.03	-12 10 56.9		4 809	1996 NW ₂	* 1996 07 14.27639	21 56 07.97	-12 16 30.3	18.6	4 809
1996 NN ₂	1996 07 16.29514	21 53 01.22	-12 15 45.3		4 809	1996 NW ₂	1996 07 14.28958	21 56 07.51	-12 16 32.6		4 809
1996 NN ₂	1996 07 16.30833	21 53 00.92	-12 15 47.0		4 809	1996 NW ₂	1996 07 14.30278	21 56 07.22	-12 16 33.1		4 809
1996 NN ₂	1996 07 16.32153	21 53 00.62	-12 15 48.5		4 809	1996 NW ₂	1996 07 16.29514	21 55 15.29	-12 21 12.9		4 809
1996 NO ₂	* 1996 07 14.27639	21 53 45.76	-08 23 02.2	18.3	4 809	1996 NW ₂	1996 07 16.30833	21 55 15.01	-12 21 14.4		4 809
1996 NO ₂	1996 07 14.28958	21 53 45.41	-08 22 58.0		4 809	1996 NW ₂	1996 07 16.32153	21 55 14.63	-12 21 16.0		4 809
1996 NO ₂	1996 07 14.30278	21 53 45.04	-08 22 53.9		4 809	1996 NX ₂	* 1996 07 14.27639	21 56 08.00	-08 01 39.3	18.6	4 809
1996 NO ₂	1996 07 16.29514	21 52 55.48	-08 12 27.0		4 809	1996 NX ₂	1996 07 14.28958	21 56 07.52	-08 01 41.1		4 809
1996 NO ₂	1996 07 16.30833	21 52 55.07	-08 12 23.9		4 809	1996 NX ₂	1996 07 14.30278	21 56 07.22	-08 01 42.0		4 809
1996 NO ₂	1996 07 16.32153	21 52 54.62	-08 12 19.3		4 809	1996 NX ₂	1996 07 16.29514	21 55 12.52	-08 04 22.8		4 809
1996 NP ₂	* 1996 07 14.27639	21 54 33.02	-10 21 04.6	18.4	4 809	1996 NX ₂	1996 07 16.30833	21 55 12.12	-08 04 25.3		4 809
1996 NP ₂	1996 07 14.28958	21 54 32.70	-10 21 01.6		4 809	1996 NX ₂	1996 07 16.32153	21 55 11.76	-08 04 25.6		4 809
1996 NP ₂	1996 07 14.30278	21 54 32.25	-10 20 58.9		4 809	1996 NY ₂	* 1996 07 14.27639	21 56 10.25	-08 33 10.0	18.7	4 809
1996 NP ₂	1996 07 16.29514	21 53 41.97	-10 15 12.2		4 809	1996 NY ₂	1996 07 14.28958	21 56 09.75	-08 33 08.0		4 809
1996 NP ₂	1996 07 16.30833	21 53 41.57	-10 15 10.2		4 809	1996 NY ₂	1996 07 14.30278	21 56 09.45	-08 33 07.8		4 809
1996 NP ₂	1996 07 16.32153	21 53 41.16	-10 15 08.1		4 809	1996 NY ₂	1996 07 16.29514	21 55 05.09	-08 32 52.0		4 809
1996 NQ ₂	* 1996 07 14.27639	21 54 48.71	-09 50 06.6	18.5	4 809	1996 NY ₂	1996 07 16.30833	21 55 04.54	-08 32 51.7		4 809
1996 NQ ₂	1996 07 14.28958	21 54 48.42	-09 50 07.6		4 809	1996 NY ₂	1996 07 16.32153	21 55 04.04	-08 32 51.1		4 809

1996 NZ ₂	* 1996 07 14.27639	21 56 16.29	-11 05 52.7	18.7	4 809	1996 NH ₃	1996 07 16.30833	21 57 03.21	-12 16 48.5		4 809
1996 NZ ₂	1996 07 14.28958	21 56 15.94	-11 05 52.1		4 809	1996 NH ₃	1996 07 16.32153	21 57 02.72	-12 16 50.3		4 809
1996 NZ ₂	1996 07 14.30278	21 56 15.47	-11 05 51.8		4 809	1996 NJ ₃	* 1996 07 14.27639	21 58 16.18	-09 06 04.1	18.4	4 809
1996 NZ ₂	1996 07 16.29514	21 55 12.68	-11 05 50.5		4 809	1996 NJ ₃	1996 07 14.28958	21 58 15.75	-09 06 04.9		4 809
1996 NZ ₂	1996 07 16.30833	21 55 12.29	-11 05 49.4		4 809	1996 NJ ₃	1996 07 14.30278	21 58 15.38	-09 06 05.2		4 809
1996 NZ ₂	1996 07 16.32153	21 55 11.74	-11 05 49.8		4 809	1996 NJ ₃	1996 07 16.29514	21 57 21.13	-09 08 09.2		4 809
1996 NA ₃	* 1996 07 14.27639	21 56 28.39	-10 15 46.1	18.5	4 809	1996 NJ ₃	1996 07 16.30833	21 57 20.64	-09 08 08.8		4 809
1996 NA ₃	1996 07 14.28958	21 56 28.02	-10 15 51.6		4 809	1996 NJ ₃	1996 07 16.32153	21 57 20.19	-09 08 09.5		4 809
1996 NA ₃	1996 07 14.30278	21 56 27.63	-10 15 57.0		4 809	1996 NK ₃	* 1996 07 14.27639	21 58 21.17	-09 29 38.3	18.5	4 809
1996 NA ₃	1996 07 16.29514	21 55 37.97	-10 30 23.6		4 809	1996 NK ₃	1996 07 14.28958	21 58 20.71	-09 29 36.6		4 809
1996 NA ₃	1996 07 16.30833	21 55 37.50	-10 30 30.3		4 809	1996 NK ₃	1996 07 14.30278	21 58 20.28	-09 29 34.3		4 809
1996 NA ₃	1996 07 16.32153	21 55 37.11	-10 30 36.8		4 809	1996 NK ₃	1996 07 16.29514	21 57 21.08	-09 24 53.6		4 809
1996 NB ₃	* 1996 07 14.27639	21 56 49.65	-08 29 15.4	17.8	4 809	1996 NK ₃	1996 07 16.30833	21 57 20.61	-09 24 52.7		4 809
1996 NB ₃	1996 07 14.28958	21 56 49.31	-08 29 09.5		4 809	1996 NK ₃	1996 07 16.32153	21 57 20.14	-09 24 51.4		4 809
1996 NB ₃	1996 07 14.30278	21 56 48.90	-08 29 03.1		4 809	1996 NL ₃	* 1996 07 14.27639	21 58 38.87	-12 08 16.0	18.4	4 809
1996 NB ₃	1996 07 16.29514	21 55 54.86	-08 12 40.2		4 809	1996 NL ₃	1996 07 14.28958	21 58 38.37	-12 08 18.3		4 809
1996 NB ₃	1996 07 16.30833	21 55 54.38	-08 12 33.5		4 809	1996 NL ₃	1996 07 14.30278	21 58 38.02	-12 08 19.9		4 809
1996 NB ₃	1996 07 16.32153	21 55 53.99	-08 12 27.7		4 809	1996 NL ₃	1996 07 16.29514	21 57 46.33	-12 13 02.1		4 809
1996 NC ₃	* 1996 07 14.27639	21 57 08.68	-10 59 20.4	18.6	4 809	1996 NL ₃	1996 07 16.30833	21 57 45.88	-12 13 03.5		4 809
1996 NC ₃	1996 07 14.28958	21 57 08.41	-10 59 23.4		4 809	1996 NL ₃	1996 07 16.32153	21 57 45.54	-12 13 06.5		4 809
1996 NC ₃	1996 07 14.30278	21 57 08.07	-10 59 25.7		4 809	1996 NM ₃	* 1996 07 14.27639	21 58 40.62	-09 36 48.2	18.4	4 809
1996 NC ₃	1996 07 16.29514	21 56 19.82	-11 04 48.2		4 809	1996 NM ₃	1996 07 14.28958	21 58 40.15	-09 36 50.1		4 809
1996 NC ₃	1996 07 16.30833	21 56 19.44	-11 04 50.5		4 809	1996 NM ₃	1996 07 14.30278	21 58 39.76	-09 36 52.7		4 809
1996 NC ₃	1996 07 16.32153	21 56 19.09	-11 04 53.5		4 809	1996 NM ₃	1996 07 16.29514	21 57 44.21	-09 42 52.0		4 809
1996 ND ₃	* 1996 07 14.27639	21 57 29.96	-11 39 19.2	18.7	4 809	1996 NM ₃	1996 07 16.30833	21 57 43.73	-09 42 55.1		4 809
1996 ND ₃	1996 07 14.28958	21 57 29.50	-11 39 23.1		4 809	1996 NM ₃	1996 07 16.32153	21 57 43.34	-09 42 58.6		4 809
1996 ND ₃	1996 07 14.30278	21 57 29.11	-11 39 24.8		4 809	1996 NN ₃	* 1996 07 14.27639	21 58 43.83	-11 30 23.4	18.7	4 809
1996 ND ₃	1996 07 16.29514	21 56 30.07	-11 47 18.9		4 809	1996 NN ₃	1996 07 14.28958	21 58 43.47	-11 30 25.8		4 809
1996 ND ₃	1996 07 16.30833	21 56 29.55	-11 47 24.0		4 809	1996 NN ₃	1996 07 14.30278	21 58 43.08	-11 30 28.6		4 809
1996 ND ₃	1996 07 16.32153	21 56 29.24	-11 47 27.8		4 809	1996 NN ₃	1996 07 16.29514	21 57 50.91	-11 38 23.0		4 809
1996 NE ₃	* 1996 07 14.27639	21 57 30.40	-12 19 26.0	18.3	4 809	1996 NN ₃	1996 07 16.30833	21 57 50.57	-11 38 25.0		4 809
1996 NE ₃	1996 07 14.28958	21 57 29.95	-12 19 28.8		4 809	1996 NN ₃	1996 07 16.32153	21 57 50.12	-11 38 30.0		4 809
1996 NE ₃	1996 07 14.30278	21 57 29.56	-12 19 32.2		4 809	1996 NO ₃	* 1996 07 14.27639	21 58 59.82	-07 53 09.4	18.5	4 809
1996 NE ₃	1996 07 16.29514	21 56 34.20	-12 26 46.0		4 809	1996 NO ₃	1996 07 14.28958	21 58 59.36	-07 53 11.8		4 809
1996 NE ₃	1996 07 16.30833	21 56 33.75	-12 26 49.7		4 809	1996 NO ₃	1996 07 14.30278	21 58 59.01	-07 53 14.8		4 809
1996 NE ₃	1996 07 16.32153	21 56 33.34	-12 26 52.8		4 809	1996 NO ₃	1996 07 16.29514	21 58 03.84	-07 59 33.5		4 809
1996 NF ₃	* 1996 07 14.27639	21 57 31.88	-10 33 31.5	18.3	4 809	1996 NO ₃	1996 07 16.30833	21 58 03.36	-07 59 36.3		4 809
1996 NF ₃	1996 07 14.28958	21 57 31.50	-10 33 34.6		4 809	1996 NO ₃	1996 07 16.32153	21 58 02.96	-07 59 38.8		4 809
1996 NF ₃	1996 07 14.30278	21 57 31.13	-10 33 39.0		4 809	1996 NP ₃	* 1996 07 14.27639	21 59 12.11	-10 23 15.0	18.4	4 809
1996 NF ₃	1996 07 16.29514	21 56 41.88	-10 43 54.1		4 809	1996 NP ₃	1996 07 14.28958	21 59 11.83	-10 23 20.0		4 809
1996 NF ₃	1996 07 16.30833	21 56 41.46	-10 43 59.2		4 809	1996 NP ₃	1996 07 14.30278	21 59 11.52	-10 23 24.7		4 809
1996 NF ₃	1996 07 16.32153	21 56 41.06	-10 44 03.5		4 809	1996 NP ₃	1996 07 16.29514	21 58 29.06	-10 36 19.8		4 809
1996 NG ₃	* 1996 07 14.27639	21 57 45.60	-07 31 38.9	18.5	4 809	1996 NP ₃	1996 07 16.30833	21 58 28.75	-10 36 25.3		4 809
1996 NG ₃	1996 07 14.28958	21 57 45.21	-07 31 40.1		4 809	1996 NP ₃	1996 07 16.32153	21 58 28.31	-10 36 30.3		4 809
1996 NG ₃	1996 07 14.30278	21 57 44.91	-07 31 40.7		4 809	1996 NQ ₃	* 1996 07 14.27639	21 59 23.28	-10 03 54.7	18.8	4 809
1996 NG ₃	1996 07 16.29514	21 56 58.56	-07 33 52.6		4 809	1996 NQ ₃	1996 07 14.28958	21 59 22.92	-10 03 55.5		4 809
1996 NG ₃	1996 07 16.30833	21 56 58.28	-07 33 52.6		4 809	1996 NQ ₃	1996 07 14.30278	21 59 22.59	-10 03 57.5		4 809
1996 NG ₃	1996 07 16.32153	21 56 57.87	-07 33 53.9		4 809	1996 NQ ₃	1996 07 16.29514	21 58 31.14	-10 08 22.5		4 809
1996 NH ₃	* 1996 07 14.27639	21 57 48.55	-12 13 43.4	19.5	4 809	1996 NQ ₃	1996 07 16.30833	21 58 30.80	-10 08 24.3		4 809
1996 NH ₃	1996 07 14.28958	21 57 48.26	-12 13 44.3		4 809	1996 NQ ₃	1996 07 16.32153	21 58 30.46	-10 08 27.0		4 809
1996 NH ₃	1996 07 14.30278	21 57 47.96	-12 13 45.4		4 809	1996 NR ₃	* 1996 07 14.27639	21 59 28.30	-09 46 22.4	18.3	4 809
1996 NH ₃	1996 07 16.29514	21 57 03.51	-12 16 48.6		4 809	1996 NR ₃	1996 07 14.28958	21 59 28.13	-09 46 23.4		4 809

1996 NR ₃	1996 07 14.30278	21 59 27.93	-09 46 24.1	4 809	1996 NA ₄	* 1996 07 14.27639	22 01 32.74	-10 04 37.9	18.3	4 809
1996 NR ₃	1996 07 16.29514	21 59 06.32	-09 48 49.6	4 809	1996 NA ₄	1996 07 14.28958	22 01 32.51	-10 04 39.6		4 809
1996 NR ₃	1996 07 16.30833	21 59 06.11	-09 48 50.1	4 809	1996 NA ₄	1996 07 14.30278	22 01 32.15	-10 04 41.0		4 809
1996 NR ₃	1996 07 16.32153	21 59 05.93	-09 48 51.9	4 809	1996 NA ₄	1996 07 16.29514	22 00 46.06	-10 08 47.4		4 809
1996 NS ₃	* 1996 07 14.27639	21 59 38.39	-11 58 32.8	18.5 4 809	1996 NA ₄	1996 07 16.30833	22 00 45.71	-10 08 49.5		4 809
1996 NS ₃	1996 07 14.28958	21 59 38.13	-11 58 35.6	4 809	1996 NA ₄	1996 07 16.32153	22 00 45.35	-10 08 51.7		4 809
1996 NS ₃	1996 07 14.30278	21 59 37.68	-11 58 38.5	4 809	1996 NB ₄	* 1996 07 14.27639	22 01 38.92	-11 50 44.4	18.4	4 809
1996 NS ₃	1996 07 16.29514	21 58 52.64	-12 05 13.9	4 809	1996 NB ₄	1996 07 14.28958	22 01 38.37	-11 50 46.6		4 809
1996 NS ₃	1996 07 16.30833	21 58 52.28	-12 05 16.6	4 809	1996 NB ₄	1996 07 14.30278	22 01 37.90	-11 50 48.0		4 809
1996 NS ₃	1996 07 16.32153	21 58 51.97	-12 05 19.2	4 809	1996 NB ₄	1996 07 16.29514	22 00 31.01	-11 54 48.1		4 809
1996 NT ₃	* 1996 07 14.27639	21 59 51.22	-08 34 02.0	18.7 4 809	1996 NB ₄	1996 07 16.30833	22 00 30.60	-11 54 50.2		4 809
1996 NT ₃	1996 07 14.28958	21 59 50.90	-08 34 03.4	4 809	1996 NB ₄	1996 07 16.32153	22 00 30.11	-11 54 52.8		4 809
1996 NT ₃	1996 07 14.30278	21 59 50.60	-08 34 05.7	4 809	1996 NC ₄	* 1996 07 14.27639	22 01 56.85	-09 45 20.4	18.7	4 809
1996 NT ₃	1996 07 16.29514	21 59 09.95	-08 38 17.5	4 809	1996 NC ₄	1996 07 14.28958	22 01 56.44	-09 45 24.6		4 809
1996 NT ₃	1996 07 16.30833	21 59 09.65	-08 38 20.1	4 809	1996 NC ₄	1996 07 14.30278	22 01 56.23	-09 45 26.2		4 809
1996 NT ₃	1996 07 16.32153	21 59 09.38	-08 38 21.3	4 809	1996 NC ₄	1996 07 16.29514	22 01 21.38	-09 50 53.8		4 809
1996 NU ₃	* 1996 07 14.27639	21 59 53.11	-07 23 59.3	18.7 4 809	1996 NC ₄	1996 07 16.30833	22 01 20.88	-09 50 58.2		4 809
1996 NU ₃	1996 07 14.28958	21 59 52.65	-07 24 01.9	4 809	1996 NC ₄	1996 07 16.32153	22 01 20.58	-09 51 01.0		4 809
1996 NU ₃	1996 07 14.30278	21 59 52.24	-07 24 03.3	4 809	1996 ND ₄	* 1996 07 14.27639	22 02 06.53	-09 44 42.5	18.6	4 809
1996 NU ₃	1996 07 16.29514	21 58 53.86	-07 28 54.6	4 809	1996 ND ₄	1996 07 14.28958	22 02 06.22	-09 44 43.3		4 809
1996 NU ₃	1996 07 16.30833	21 58 53.40	-07 28 55.5	4 809	1996 ND ₄	1996 07 14.30278	22 02 05.86	-09 44 44.5		4 809
1996 NU ₃	1996 07 16.32153	21 58 53.20	-07 28 57.8	4 809	1996 ND ₄	1996 07 16.29514	22 01 19.62	-09 47 07.5		4 809
1996 NV ₃	* 1996 07 14.27639	22 01 15.69	-09 03 30.7	18.5 4 809	1996 ND ₄	1996 07 16.30833	22 01 19.15	-09 47 08.0		4 809
1996 NV ₃	1996 07 14.28958	22 01 15.47	-09 03 31.1	4 809	1996 ND ₄	1996 07 16.32153	22 01 18.85	-09 47 10.7		4 809
1996 NV ₃	1996 07 14.30278	22 01 15.24	-09 03 32.1	4 809	1996 NE ₄	* 1996 07 14.27639	22 02 09.65	-07 57 17.2	18.7	4 809
1996 NV ₃	1996 07 16.29514	22 00 44.59	-09 04 24.2	4 809	1996 NE ₄	1996 07 14.28958	22 02 09.19	-07 57 18.1		4 809
1996 NV ₃	1996 07 16.30833	22 00 44.32	-09 04 24.4	4 809	1996 NE ₄	1996 07 14.30278	22 02 08.80	-07 57 19.9		4 809
1996 NV ₃	1996 07 16.32153	22 00 44.06	-09 04 25.2	4 809	1996 NE ₄	1996 07 16.29514	22 01 12.94	-07 58 38.8		4 809
1996 NW ₃	* 1996 07 14.27639	22 01 27.28	-12 10 21.8	18.6 4 809	1996 NE ₄	1996 07 16.30833	22 01 12.48	-07 58 40.4		4 809
1996 NW ₃	1996 07 14.28958	22 01 26.87	-12 10 23.4	4 809	1996 NE ₄	1996 07 16.32153	22 01 12.09	-07 58 41.1		4 809
1996 NW ₃	1996 07 14.30278	22 01 26.62	-12 10 26.0	4 809	1996 NF ₄	* 1996 07 14.27639	22 02 19.64	-10 06 37.1	18.4	4 809
1996 NW ₃	1996 07 16.29514	22 00 44.26	-12 14 11.4	4 809	1996 NF ₄	1996 07 14.28958	22 02 19.25	-10 06 36.1		4 809
1996 NW ₃	1996 07 16.30833	22 00 43.81	-12 14 14.1	4 809	1996 NF ₄	1996 07 14.30278	22 02 18.84	-10 06 35.5		4 809
1996 NW ₃	1996 07 16.32153	22 00 43.54	-12 14 16.2	4 809	1996 NF ₄	1996 07 16.29514	22 01 24.71	-10 05 02.5		4 809
1996 NX ₃	* 1996 07 14.27639	22 01 29.21	-11 45 49.7	18.4 4 809	1996 NF ₄	1996 07 16.30833	22 01 24.17	-10 05 02.4		4 809
1996 NX ₃	1996 07 14.28958	22 01 28.65	-11 45 50.8	4 809	1996 NF ₄	1996 07 16.32153	22 01 23.78	-10 05 00.7		4 809
1996 NX ₃	1996 07 14.30278	22 01 28.24	-11 45 50.9	4 809	1996 NG ₄	* 1996 07 14.27639	22 02 57.28	-08 29 58.9	18.7	4 809
1996 NX ₃	1996 07 16.29514	22 00 22.08	-11 47 14.8	4 809	1996 NG ₄	1996 07 14.28958	22 02 56.73	-08 29 51.4		4 809
1996 NX ₃	1996 07 16.30833	22 00 21.53	-11 47 15.4	4 809	1996 NG ₄	1996 07 14.30278	22 02 55.89	-08 29 40.7		4 809
1996 NX ₃	1996 07 16.32153	22 00 21.03	-11 47 17.1	4 809	1996 NG ₄	1996 07 16.29514	22 01 17.65	-08 08 28.0		4 809
1996 NY ₃	* 1996 07 14.27639	22 01 29.76	-08 27 32.1	18.5 4 809	1996 NG ₄	1996 07 16.30833	22 01 16.90	-08 08 18.7		4 809
1996 NY ₃	1996 07 14.28958	22 01 29.50	-08 27 36.4	4 809	1996 NG ₄	1996 07 16.32153	22 01 16.21	-08 08 10.7		4 809
1996 NY ₃	1996 07 14.30278	22 01 29.18	-08 27 40.7	4 809	1996 NH ₄	* 1996 07 14.27639	22 02 58.15	-12 16 44.1	18.5	4 809
1996 NY ₃	1996 07 16.29514	22 00 51.51	-08 38 13.9	4 809	1996 NH ₄	1996 07 14.28958	22 02 57.81	-12 16 42.0		4 809
1996 NY ₃	1996 07 16.30833	22 00 51.09	-08 38 19.3	4 809	1996 NH ₄	1996 07 14.30278	22 02 57.41	-12 16 40.0		4 809
1996 NY ₃	1996 07 16.32153	22 00 50.79	-08 38 25.0	4 809	1996 NH ₄	1996 07 16.29514	22 02 10.07	-12 10 46.4		4 809
1996 NZ ₃	* 1996 07 14.27639	22 01 31.00	-09 04 32.3	18.4 4 809	1996 NH ₄	1996 07 16.30833	22 02 09.66	-12 10 44.1		4 809
1996 NZ ₃	1996 07 14.28958	22 01 30.63	-09 04 32.9	4 809	1996 NH ₄	1996 07 16.32153	22 02 09.19	-12 10 41.4		4 809
1996 NZ ₃	1996 07 14.30278	22 01 30.24	-09 04 33.1	4 809	1996 NJ ₄	* 1996 07 14.27639	22 03 28.46	-09 49 30.5	18.3	4 809
1996 NZ ₃	1996 07 16.29514	22 00 39.37	-09 05 09.0	4 809	1996 NJ ₄	1996 07 14.28958	22 03 28.05	-09 49 29.1		4 809
1996 NZ ₃	1996 07 16.30833	22 00 39.01	-09 05 10.5	4 809	1996 NJ ₄	1996 07 14.30278	22 03 27.64	-09 49 27.3		4 809
1996 NZ ₃	1996 07 16.32153	22 00 38.55	-09 05 10.7	4 809	1996 NJ ₄	1996 07 16.29514	22 02 31.22	-09 46 25.0		4 809

1996 NJ ₄	1996 07 16.30833	22 02 30.84	-09 46 24.1		4 809	1996 NS ₄	1996 07 14.30278	22 06 13.10	-10 25 54.8		4 809
1996 NJ ₄	1996 07 16.32153	22 02 30.36	-09 46 23.0		4 809	1996 NS ₄	1996 07 16.29514	22 06 34.90	-10 37 46.1		4 809
1996 NK ₄	* 1996 07 14.27639	22 03 55.61	-10 11 32.3	19.0	4 809	1996 NS ₄	1996 07 16.30833	22 06 35.05	-10 37 49.7		4 809
1996 NK ₄	1996 07 14.28958	22 03 55.24	-10 11 31.8		4 809	1996 NS ₄	1996 07 16.32153	22 06 35.14	-10 37 54.0		4 809
1996 NK ₄	1996 07 14.30278	22 03 54.92	-10 11 28.3		4 809	1996 NT ₄	* 1996 07 14.27639	22 06 35.27	-08 55 28.2	18.4	4 809
1996 NK ₄	1996 07 16.29514	22 03 03.13	-10 06 23.2		4 809	1996 NT ₄	1996 07 14.28958	22 06 35.05	-08 55 28.0		4 809
1996 NK ₄	1996 07 16.30833	22 03 02.79	-10 06 20.5		4 809	1996 NT ₄	1996 07 14.30278	22 06 34.76	-08 55 26.8		4 809
1996 NK ₄	1996 07 16.32153	22 03 02.34	-10 06 19.3		4 809	1996 NT ₄	1996 07 16.29514	22 05 57.26	-08 53 29.1		4 809
1996 NL ₄	* 1996 07 14.27639	22 04 06.18	-09 10 16.7	18.3	4 809	1996 NT ₄	1996 07 16.30833	22 05 57.03	-08 53 29.7		4 809
1996 NL ₄	1996 07 14.28958	22 04 05.99	-09 10 16.7		4 809	1996 NT ₄	1996 07 16.32153	22 05 56.62	-08 53 29.2		4 809
1996 NL ₄	1996 07 14.30278	22 04 05.74	-09 10 17.4		4 809	1996 NU ₄	* 1996 07 14.27639	22 07 48.80	-10 36 30.2	18.4	4 809
1996 NL ₄	1996 07 16.29514	22 03 40.96	-09 11 47.3		4 809	1996 NU ₄	1996 07 14.28958	22 07 48.38	-10 36 29.2		4 809
1996 NL ₄	1996 07 16.30833	22 03 40.71	-09 11 48.3		4 809	1996 NU ₄	1996 07 14.30278	22 07 47.97	-10 36 27.5		4 809
1996 NL ₄	1996 07 16.32153	22 03 40.46	-09 11 49.3		4 809	1996 NU ₄	1996 07 16.29514	22 06 54.17	-10 33 03.0		4 809
1996 NM ₄	* 1996 07 14.27639	22 05 21.07	-07 33 31.8	18.4	4 809	1996 NU ₄	1996 07 16.30833	22 06 53.69	-10 33 01.8		4 809
1996 NM ₄	1996 07 14.28958	22 05 20.82	-07 33 34.2		4 809	1996 NU ₄	1996 07 16.32153	22 06 53.30	-10 33 00.8		4 809
1996 NM ₄	1996 07 14.30278	22 05 20.49	-07 33 37.0		4 809	1996 NV ₄	* 1996 07 14.27639	22 08 10.87	-08 44 13.2	18.6	4 809
1996 NM ₄	1996 07 16.29514	22 04 40.05	-07 40 08.1		4 809	1996 NV ₄	1996 07 14.28958	22 08 10.46	-08 44 13.0		4 809
1996 NM ₄	1996 07 16.30833	22 04 39.75	-07 40 11.5		4 809	1996 NV ₄	1996 07 14.30278	22 08 10.05	-08 44 14.0		4 809
1996 NM ₄	1996 07 16.32153	22 04 39.43	-07 40 13.2		4 809	1996 NV ₄	1996 07 16.29514	22 07 18.58	-08 45 37.6		4 809
1996 NN ₄	* 1996 07 14.27639	22 05 25.59	-11 02 33.4	18.4	4 809	1996 NV ₄	1996 07 16.30833	22 07 18.14	-08 45 38.7		4 809
1996 NN ₄	1996 07 14.28958	22 05 25.27	-11 02 34.9		4 809	1996 NV ₄	1996 07 16.32153	22 07 17.88	-08 45 38.5		4 809
1996 NN ₄	1996 07 14.30278	22 05 25.01	-11 02 36.7		4 809	1996 NW ₄	* 1996 07 14.27639	22 08 36.25	-09 44 47.5	18.7	4 809
1996 NN ₄	1996 07 16.29514	22 04 46.66	-11 06 58.2		4 809	1996 NW ₄	1996 07 14.28958	22 08 35.88	-09 44 49.2		4 809
1996 NN ₄	1996 07 16.30833	22 04 46.36	-11 07 01.1		4 809	1996 NW ₄	1996 07 14.30278	22 08 35.61	-09 44 51.9		4 809
1996 NN ₄	1996 07 16.32153	22 04 46.07	-11 07 01.9		4 809	1996 NW ₄	1996 07 16.29514	22 07 52.11	-09 49 40.5		4 809
1996 NO ₄	* 1996 07 14.27639	22 05 40.83	-12 11 34.6	18.3	4 809	1996 NW ₄	1996 07 16.30833	22 07 51.76	-09 49 41.7		4 809
1996 NO ₄	1996 07 14.28958	22 05 40.39	-12 11 28.9		4 809	1996 NW ₄	1996 07 16.32153	22 07 51.51	-09 49 44.3		4 809
1996 NO ₄	1996 07 14.30278	22 05 40.00	-12 11 25.0		4 809	1996 NX ₄	* 1996 07 14.27639	22 08 38.96	-11 05 23.5	18.4	4 809
1996 NO ₄	1996 07 16.29514	22 04 47.40	-12 00 35.0		4 809	1996 NX ₄	1996 07 14.28958	22 08 38.69	-11 05 26.7		4 809
1996 NO ₄	1996 07 16.30833	22 04 47.00	-12 00 32.1		4 809	1996 NX ₄	1996 07 14.30278	22 08 38.33	-11 05 28.8		4 809
1996 NO ₄	1996 07 16.32153	22 04 46.59	-12 00 27.7		4 809	1996 NX ₄	1996 07 16.29514	22 07 53.78	-11 13 27.2		4 809
1996 NP ₄	* 1996 07 14.27639	22 05 43.58	-12 13 33.3	18.4	4 809	1996 NX ₄	1996 07 16.30833	22 07 53.44	-11 13 30.7		4 809
1996 NP ₄	1996 07 14.28958	22 05 43.09	-12 13 31.6		4 809	1996 NX ₄	1996 07 16.32153	22 07 53.09	-11 13 35.4		4 809
1996 NP ₄	1996 07 14.30278	22 05 42.64	-12 13 31.2		4 809	1996 NY ₄	* 1996 07 14.27639	22 08 43.95	-08 49 27.8	18.5	4 809
1996 NP ₄	1996 07 16.29514	22 04 39.03	-12 10 42.5		4 809	1996 NY ₄	1996 07 14.28958	22 08 43.65	-08 49 25.7		4 809
1996 NP ₄	1996 07 16.30833	22 04 38.49	-12 10 41.1		4 809	1996 NY ₄	1996 07 14.30278	22 08 43.25	-08 49 25.0		4 809
1996 NP ₄	1996 07 16.32153	22 04 38.02	-12 10 40.1		4 809	1996 NY ₄	1996 07 16.29514	22 07 54.97	-08 47 18.9		4 809
1996 NQ ₄	* 1996 07 14.27639	22 06 03.19	-07 36 11.5	18.4	4 809	1996 NY ₄	1996 07 16.30833	22 07 54.67	-08 47 19.0		4 809
1996 NQ ₄	1996 07 14.28958	22 06 02.91	-07 36 12.3		4 809	1996 NY ₄	1996 07 16.32153	22 07 54.47	-08 47 16.7		4 809
1996 NQ ₄	1996 07 14.30278	22 06 02.68	-07 36 12.2		4 809	1996 NZ ₄	* 1996 07 14.32708	22 27 52.33	-11 14 05.7	18.0	4 809
1996 NQ ₄	1996 07 16.29514	22 05 23.88	-07 38 09.5		4 809	1996 NZ ₄	1996 07 14.34028	22 27 51.74	-11 13 54.5		4 809
1996 NQ ₄	1996 07 16.30833	22 05 23.67	-07 38 10.2		4 809	1996 NZ ₄	1996 07 14.35347	22 27 51.18	-11 13 44.6		4 809
1996 NQ ₄	1996 07 16.32153	22 05 23.32	-07 38 11.0		4 809	1996 NZ ₄	1996 07 15.37708	22 27 11.05	-11 00 07.0		4 809
1996 NR ₄	* 1996 07 14.27639	22 06 05.72	-10 23 46.8	18.5	4 809	1996 NZ ₄	1996 07 15.39028	22 27 10.46	-10 59 55.0		4 809
1996 NR ₄	1996 07 14.28958	22 06 05.24	-10 23 47.9		4 809	1996 NZ ₄	1996 07 21.31736	22 22 28.59	-09 41 02.3		4 809
1996 NR ₄	1996 07 14.30278	22 06 04.85	-10 23 49.0		4 809	1996 NZ ₄	1996 07 21.33056	22 22 27.81	-09 40 52.5		4 809
1996 NR ₄	1996 07 16.29514	22 05 11.51	-10 27 15.8		4 809	1996 NZ ₄	1996 07 21.34375	22 22 27.00	-09 40 41.3		4 809
1996 NR ₄	1996 07 16.30833	22 05 11.10	-10 27 16.0		4 809	1996 PP	1996 07 14.27639	22 04 12.76	-11 13 54.9	18.4	4 809
1996 NR ₄	1996 07 16.32153	22 05 10.73	-10 27 19.3		4 809	1996 PP	1996 07 14.28958	22 04 12.42	-11 13 57.8		4 809
1996 NS ₄	* 1996 07 14.27639	22 06 12.84	-10 25 45.4	18.4	4 809	1996 PP	1996 07 14.30278	22 04 12.12	-11 13 58.9		4 809
1996 NS ₄	1996 07 14.28958	22 06 12.96	-10 25 50.2		4 809	1996 PP	1996 07 16.29514	22 03 25.89	-11 19 40.1		4 809

1996 PP	1996 07 16.30833	22 03 25.51	-11 19 42.2		4 809	(1208)	1996 05 22.13681	14 47 41.97	-15 00 32.4		4 809
1996 PP	1996 07 16.32153	22 03 25.12	-11 19 45.2		4 809	(1208)	1996 05 23.18681	14 47 04.84	-15 01 16.9	18.0	4 809
1996 PQ	1996 07 14.27639	22 05 06.60	-09 00 52.2	18.4	4 809	(1208)	1996 05 23.20000	14 47 04.36	-15 01 17.3		4 809
1996 PQ	1996 07 14.28958	22 05 06.29	-09 00 54.9		4 809	(1208)	1996 05 23.21319	14 47 03.86	-15 01 18.0		4 809
1996 PQ	1996 07 14.30278	22 05 05.98	-09 00 58.0		4 809	(1971)	1996 07 14.27639	21 57 00.44	-08 46 58.5	18.3	4 809
1996 PQ	1996 07 16.29514	22 04 24.79	-09 09 42.1		4 809	(1971)	1996 07 14.28958	21 56 59.95	-08 46 57.6		4 809
1996 PQ	1996 07 16.30833	22 04 24.38	-09 09 44.8		4 809	(1971)	1996 07 14.30278	21 56 59.54	-08 46 57.0		4 809
1996 PQ	1996 07 16.32153	22 04 24.03	-09 09 49.4		4 809	(1971)	1996 07 16.29514	21 56 00.18	-08 45 45.8		4 809
1996 PT	1996 07 14.27639	21 50 31.93	-10 47 06.3	18.4	4 809	(1971)	1996 07 16.30833	21 55 59.77	-08 45 45.2		4 809
1996 PT	1996 07 14.28958	21 50 31.63	-10 47 09.2		4 809	(1971)	1996 07 16.32153	21 55 59.30	-08 45 45.7		4 809
1996 PT	1996 07 14.30278	21 50 31.41	-10 47 10.5		4 809	(2092)	1996 05 22.11042	14 40 24.12	-13 35 55.1		4 809
1996 PT	1996 07 16.29514	21 49 56.02	-10 52 30.8		4 809	(2092)	1996 05 22.12361	14 40 23.52	-13 35 53.9		4 809
1996 PT	1996 07 16.30833	21 49 55.67	-10 52 33.7		4 809	(2092)	1996 05 22.13681	14 40 22.91	-13 35 51.9		4 809
1996 PT	1996 07 16.32153	21 49 55.40	-10 52 35.7		4 809	(2092)	1996 05 23.18681	14 39 36.37	-13 33 36.5	17.5	4 809
(62)	1996 05 22.11042	14 32 55.02	-11 53 47.5		4 809	(2092)	1996 05 23.20000	14 39 35.81	-13 33 35.2		4 809
(62)	1996 05 22.12361	14 32 54.37	-11 53 45.5		4 809	(2092)	1996 05 23.21319	14 39 35.21	-13 33 33.6		4 809
(62)	1996 05 22.13681	14 32 53.76	-11 53 43.5		4 809	(2136)	1996 07 14.27639	21 51 17.42	-09 18 01.8	17.9	4 809
(62)	1996 05 23.18681	14 32 13.48	-11 50 59.2	17.6	4 809	(2136)	1996 07 14.28958	21 51 17.04	-09 18 06.1		4 809
(62)	1996 05 23.20000	14 32 12.89	-11 50 56.7		4 809	(2136)	1996 07 14.30278	21 51 16.64	-09 18 09.6		4 809
(62)	1996 05 23.21319	14 32 12.37	-11 50 54.1		4 809	(2136)	1996 07 16.29514	21 50 24.62	-09 27 08.8		4 809
(65)	1996 07 14.27639	22 07 16.39	-10 04 03.2	12.0	4 809	(2136)	1996 07 16.30833	21 50 24.25	-09 27 12.0		4 809
(65)	1996 07 14.28958	22 07 16.11	-10 04 05.0		4 809	(2136)	1996 07 16.32153	21 50 23.80	-09 27 15.6		4 809
(65)	1996 07 14.30278	22 07 15.84	-10 04 06.5		4 809	(2142)	1996 07 14.27639	21 56 53.84	-12 12 27.2	18.2	4 809
(65)	1996 07 16.29514	22 06 32.42	-10 09 16.7		4 809	(2142)	1996 07 14.28958	21 56 53.52	-12 12 29.7		4 809
(65)	1996 07 16.30833	22 06 32.10	-10 09 18.7		4 809	(2142)	1996 07 14.30278	21 56 53.05	-12 12 31.5		4 809
(65)	1996 07 16.32153	22 06 31.76	-10 09 20.3		4 809	(2142)	1996 07 16.29514	21 55 56.87	-12 17 42.5		4 809
(379)	1996 05 22.11042	14 40 18.29	-13 35 00.2		4 809	(2142)	1996 07 16.30833	21 55 56.35	-12 17 45.4		4 809
(379)	1996 05 22.12361	14 40 17.58	-13 34 57.2		4 809	(2142)	1996 07 16.32153	21 55 55.88	-12 17 46.9		4 809
(379)	1996 05 22.13681	14 40 16.99	-13 34 54.8		4 809	(2172)	1996 05 22.11042	14 38 48.15	-12 27 53.6		4 809
(379)	1996 05 23.18681	14 39 33.61	-13 31 31.7	17.0	4 809	(2172)	1996 05 22.12361	14 38 47.60	-12 27 51.7		4 809
(379)	1996 05 23.20000	14 39 33.02	-13 31 28.5		4 809	(2172)	1996 05 22.13681	14 38 46.97	-12 27 50.0		4 809
(379)	1996 05 23.21319	14 39 32.36	-13 31 26.2		4 809	(2172)	1996 05 23.18681	14 38 02.17	-12 25 22.1	18.2	4 809
(739)	1996 07 14.27639	22 07 35.88	-12 00 44.5	16.0	4 809	(2172)	1996 05 23.20000	14 38 01.61	-12 25 20.9		4 809
(739)	1996 07 14.28958	22 07 35.55	-12 00 51.8		4 809	(2172)	1996 05 23.21319	14 38 01.00	-12 25 18.3		4 809
(739)	1996 07 14.30278	22 07 35.25	-12 00 58.9		4 809	(2175)	1996 05 22.11042	14 32 59.64	-14 18 44.9		4 809
(848)	1996 05 23.18681	14 44 57.84	-15 22 47.5	17.9	4 809	(2175)	1996 05 22.12361	14 32 58.87	-14 18 40.7		4 809
(848)	1996 05 23.20000	14 44 57.24	-15 22 45.7		4 809	(2175)	1996 05 22.13681	14 32 58.09	-14 18 35.6		4 809
(848)	1996 05 23.21319	14 44 56.62	-15 22 42.6		4 809	(2175)	1996 05 23.18681	14 32 02.27	-14 12 38.8		4 809
(1083)	1996 05 22.11042	14 39 40.32	-10 49 09.1		4 809	(2175)	1996 05 23.20000	14 32 01.56	-14 12 34.4		4 809
(1083)	1996 05 22.12361	14 39 39.61	-10 49 08.2		4 809	(2175)	1996 05 23.21319	14 32 00.86	-14 12 30.5		4 809
(1083)	1996 05 22.13681	14 39 38.91	-10 49 07.0		4 809	(2286)	1996 05 22.11042	14 38 40.93	-15 04 38.8		4 809
(1083)	1996 05 23.18681	14 38 45.44	-10 47 59.6	17.5	4 809	(2286)	1996 05 22.12361	14 38 40.12	-15 04 35.4		4 809
(1083)	1996 05 23.20000	14 38 44.74	-10 47 58.9		4 809	(2286)	1996 05 22.13681	14 38 39.37	-15 04 33.3		4 809
(1083)	1996 05 23.21319	14 38 44.05	-10 47 58.2		4 809	(2286)	1996 05 23.18681	14 37 41.75	-15 00 56.2	17.9	4 809
(1185)	1996 05 22.11042	14 47 46.32	-12 30 36.0		4 809	(2286)	1996 05 23.20000	14 37 40.98	-15 00 53.2		4 809
(1185)	1996 05 22.12361	14 47 45.53	-12 30 34.5		4 809	(2286)	1996 05 23.21319	14 37 40.20	-15 00 50.6		4 809
(1185)	1996 05 22.13681	14 47 44.76	-12 30 34.2		4 809	(2357)	1996 05 22.11042	14 44 12.79	-13 20 54.8		4 809
(1185)	1996 05 23.18681	14 46 45.51	-12 29 11.5	17.3	4 809	(2357)	1996 05 22.12361	14 44 12.34	-13 20 53.7		4 809
(1185)	1996 05 23.20000	14 46 44.77	-12 29 10.6		4 809	(2357)	1996 05 22.13681	14 44 11.92	-13 20 51.4		4 809
(1185)	1996 05 23.21319	14 46 43.96	-12 29 09.4		4 809	(2357)	1996 05 23.18681	14 43 42.74	-13 18 34.6	18.0	4 809
(1208)	1996 05 22.11042	14 47 42.97	-15 00 31.6		4 809	(2357)	1996 05 23.20000	14 43 42.38	-13 18 32.7		4 809
(1208)	1996 05 22.12361	14 47 42.40	-15 00 32.1		4 809	(2357)	1996 05 23.21319	14 43 41.93	-13 18 30.2		4 809

(2693)	1996 05 22.11042	14 30 25.72	-12 10 49.8	4 809	(3923)	1996 05 23.20000	14 36 51.34	-10 55 23.1	4 809
(2693)	1996 05 22.12361	14 30 25.00	-12 10 50.2	4 809	(3923)	1996 05 23.21319	14 36 50.89	-10 55 20.9	4 809
(2693)	1996 05 22.13681	14 30 24.18	-12 10 48.7	4 809	(4115)	1996 05 22.11042	14 45 04.70	-10 32 24.6	4 809
(2886)	1996 05 22.11042	14 48 42.75	-14 24 28.9	4 809	(4115)	1996 05 22.12361	14 45 04.16	-10 32 20.7	4 809
(2886)	1996 05 22.12361	14 48 42.05	-14 24 26.5	4 809	(4115)	1996 05 22.13681	14 45 03.62	-10 32 16.9	4 809
(2886)	1996 05 22.13681	14 48 41.34	-14 24 24.2	4 809	(4115)	1996 05 23.18681	14 44 22.72	-10 27 02.2	18.0 4 809
(2886)	1996 05 23.18681	14 47 46.66	-14 20 52.3	4 809	(4115)	1996 05 23.20000	14 44 22.13	-10 26 58.8	4 809
(2886)	1996 05 23.20000	14 47 45.94	-14 20 50.6	4 809	(4115)	1996 05 23.21319	14 44 21.61	-10 26 54.1	4 809
(2886)	1996 05 23.21319	14 47 45.19	-14 20 47.8	4 809	(4261)	1996 07 14.27639	22 10 22.15	-07 57 25.9	18.0 4 809
(3000)	1996 05 22.11042	14 46 32.36	-13 51 57.8	4 809	(4261)	1996 07 14.28958	22 10 21.85	-07 57 26.4	4 809
(3000)	1996 05 22.12361	14 46 31.68	-13 51 53.9	4 809	(4261)	1996 07 14.30278	22 10 21.60	-07 57 25.6	4 809
(3000)	1996 05 22.13681	14 46 30.90	-13 51 51.0	4 809	(5305)	1996 07 14.27639	22 03 27.76	-08 46 46.8	18.2 4 809
(3000)	1996 05 23.18681	14 45 35.57	-13 47 01.3	4 809	(5305)	1996 07 14.28958	22 03 27.33	-08 46 47.9	4 809
(3000)	1996 05 23.20000	14 45 34.83	-13 46 57.3	4 809	(5305)	1996 07 14.30278	22 03 26.94	-08 46 49.6	4 809
(3000)	1996 05 23.21319	14 45 34.10	-13 46 54.6	4 809	(5305)	1996 07 16.29514	22 02 32.47	-08 49 47.4	4 809
(3064)	1996 05 22.11042	14 47 11.44	-11 01 26.2	4 809	(5305)	1996 07 16.30833	22 02 32.03	-08 49 48.4	4 809
(3064)	1996 05 22.12361	14 47 10.69	-11 01 24.4	4 809	(5305)	1996 07 16.32153	22 02 31.62	-08 49 50.3	4 809
(3064)	1996 05 22.13681	14 47 10.09	-11 01 22.0	4 809	(5664)	1996 05 22.11042	14 32 03.37	-10 58 50.1	4 809
(3064)	1996 05 23.18681	14 46 22.20	-10 58 12.7	18.2 4 809	(5664)	1996 05 22.12361	14 32 02.73	-10 58 44.8	4 809
(3064)	1996 05 23.20000	14 46 21.57	-10 58 09.7	4 809	(5664)	1996 05 22.13681	14 32 02.00	-10 58 40.9	4 809
(3064)	1996 05 23.21319	14 46 20.94	-10 58 06.8	4 809	(5664)	1996 05 23.18681	14 31 12.67	-10 53 09.5	18.4 4 809
(3525)	1996 07 14.27639	21 50 53.87	-10 53 10.7	18.3 4 809	(5664)	1996 05 23.20000	14 31 11.94	-10 53 04.8	4 809
(3525)	1996 07 14.28958	21 50 53.44	-10 53 12.5	4 809	(5664)	1996 05 23.21319	14 31 11.35	-10 53 01.0	4 809
(3525)	1996 07 14.30278	21 50 53.03	-10 53 13.7	4 809	(5860)	1996 07 14.27639	22 07 20.38	-09 32 08.4	18.3 4 809
(3566)	1996 07 14.27639	21 57 15.33	-10 55 29.6	18.0 4 809	(5860)	1996 07 14.28958	22 07 20.06	-09 32 09.1	4 809
(3566)	1996 07 14.28958	21 57 14.82	-10 55 30.9	4 809	(5860)	1996 07 14.30278	22 07 19.77	-09 32 09.2	4 809
(3566)	1996 07 14.30278	21 57 14.31	-10 55 31.8	4 809	(5860)	1996 07 16.29514	22 06 40.86	-09 33 20.1	4 809
(3566)	1996 07 16.29514	21 56 07.24	-10 59 16.5	4 809	(5860)	1996 07 16.30833	22 06 40.55	-09 33 20.3	4 809
(3566)	1996 07 16.30833	21 56 06.77	-10 59 17.9	4 809	(5860)	1996 07 16.32153	22 06 40.19	-09 33 20.3	4 809
(3566)	1996 07 16.32153	21 56 06.04	-10 59 20.5	4 809	(6002)	1996 05 22.11042	14 32 31.93	-10 21 36.5	18.5 4 809
(3574)	1996 05 22.11042	14 44 45.29	-15 18 37.9	4 809	(6002)	1996 05 22.12361	14 32 31.54	-10 21 35.3	4 809
(3574)	1996 05 22.12361	14 44 44.53	-15 18 32.5	4 809	(6002)	1996 05 22.13681	14 32 31.22	-10 21 32.0	4 809
(3574)	1996 05 22.13681	14 44 43.87	-15 18 29.1	4 809	(6055)	1996 07 14.27639	21 56 42.62	-10 59 25.4	18.2 4 809
(3574)	1996 05 23.18681	14 43 50.23	-15 12 46.1	18.3 4 809	(6055)	1996 07 14.28958	21 56 42.29	-10 59 26.5	4 809
(3574)	1996 05 23.20000	14 43 49.50	-15 12 42.3	4 809	(6055)	1996 07 14.30278	21 56 41.83	-10 59 25.7	4 809
(3574)	1996 05 23.21319	14 43 48.79	-15 12 37.4	4 809	(6055)	1996 07 16.29514	21 55 51.69	-11 00 17.9	4 809
(3705)	1996 05 22.11042	14 42 34.35	-13 52 15.4	4 809	(6055)	1996 07 16.30833	21 55 51.31	-11 00 17.9	4 809
(3705)	1996 05 22.12361	14 42 33.83	-13 52 12.9	4 809	(6055)	1996 07 16.32153	21 55 50.87	-11 00 17.8	4 809
(3705)	1996 05 22.13681	14 42 33.19	-13 52 11.3	4 809	(6300)	1996 05 22.11042	14 37 09.86	-14 16 05.6	4 809
(3705)	1996 05 23.18681	14 41 50.73	-13 49 00.1	18.3 4 809	(6300)	1996 05 22.12361	14 37 09.11	-14 16 03.9	4 809
(3705)	1996 05 23.20000	14 41 50.17	-13 48 58.6	4 809	(6300)	1996 05 22.13681	14 37 08.68	-14 16 01.2	4 809
(3705)	1996 05 23.21319	14 41 49.65	-13 48 56.8	4 809	(6300)	1996 05 23.18681	14 36 27.60	-14 13 20.9	18.5 4 809
(3789)	1996 05 22.11042	14 39 09.44	-12 59 52.5	4 809	(6300)	1996 05 23.20000	14 36 27.09	-14 13 19.1	4 809
(3789)	1996 05 22.12361	14 39 08.92	-12 59 50.9	4 809	(6300)	1996 05 23.21319	14 36 26.51	-14 13 17.4	4 809
(3789)	1996 05 22.13681	14 39 08.38	-12 59 48.9	4 809	(6449)	1996 07 14.27639	21 59 13.55	-10 27 18.2	18.4 4 809
(3789)	1996 05 23.18681	14 38 28.16	-12 57 18.6	18.4 4 809	(6449)	1996 07 14.28958	21 59 13.18	-10 27 19.9	4 809
(3789)	1996 05 23.20000	14 38 27.60	-12 57 16.9	4 809	(6449)	1996 07 14.30278	21 59 12.70	-10 27 20.7	4 809
(3789)	1996 05 23.21319	14 38 27.13	-12 57 15.1	4 809	(6449)	1996 07 16.29514	21 58 10.64	-10 30 07.9	4 809
(3923)	1996 05 22.11042	14 37 25.97	-10 57 47.0	4 809	(6449)	1996 07 16.30833	21 58 10.16	-10 30 09.5	4 809
(3923)	1996 05 22.12361	14 37 25.32	-10 57 45.6	4 809	(6449)	1996 07 16.32153	21 58 09.64	-10 30 10.1	4 809
(3923)	1996 05 22.13681	14 37 25.04	-10 57 43.0	4 809	(7026)	1996 05 22.11042	14 44 33.70	-10 27 37.2	4 809
(3923)	1996 05 23.18681	14 36 51.79	-10 55 24.3	18.5 4 809	(7026)	1996 05 22.12361	14 44 32.95	-10 27 37.2	4 809

(7026)	1996 05 22.13681	14 44 32.16	-10 27 35.6		4 809
(7026)	1996 05 23.18681	14 43 35.30	-10 26 17.0	18.1	4 809
(7026)	1996 05 23.20000	14 43 34.59	-10 26 15.3		4 809
(7026)	1996 05 23.21319	14 43 33.82	-10 26 14.8		4 809

816 Rand Observatory

G. R. Viscome, 100 Sentinel Road, Lake Placid, NY 12946, U.S.A.

[73023.561@compuserve.com]

0.37-m $f/6$ reflector + CCD

GSC

1981 EC ₁₆	1996 07 18.18903	19 45 49.57	-18 00 57.9	17.3 R	816
1981 EC ₁₆	1996 07 18.19343	19 45 49.32	-18 00 57.7	17.3 R	816
1981 EC ₁₆	1996 07 18.20000	19 45 48.92	-18 00 57.5	17.4 R	816
1981 EC ₁₆	1996 07 18.20443	19 45 48.65	-18 00 57.5	17.3 R	816
1981 EK ₁₉	1996 08 11.31985	22 47 08.71	-08 46 54.7	17.5 R	816
1981 EK ₁₉	1996 08 11.32422	22 47 08.49	-08 46 54.9	17.6 R	816
1981 EK ₁₉	1996 08 11.32728	22 47 08.32	-08 46 55.3	17.6 R	816
1981 EK ₁₉	1996 08 11.33062	22 47 08.14	-08 46 55.7	17.5 R	816
1981 EK ₁₉	1996 08 12.24918	22 46 21.35	-08 48 28.5	18.3 R	816
1981 EK ₁₉	1996 08 12.25293	22 46 21.16	-08 48 28.9	18.2 R	816
1981 EK ₁₉	1996 08 12.25743	22 46 20.90	-08 48 29.3	18.2 R	816
1981 EK ₁₉	1996 08 12.26200	22 46 20.68	-08 48 29.7	18.2 R	816
1982 TF ₂	1996 07 18.26153	20 54 35.73	-16 44 24.9	16.8 R	816
1982 TF ₂	1996 07 18.26448	20 54 35.58	-16 44 25.3	16.8 R	816
1982 TF ₂	1996 07 18.27039	20 54 35.29	-16 44 26.1	16.8 R	816
1982 TF ₂	1996 07 18.27404	20 54 35.11	-16 44 26.4	16.8 R	816
1986 QV ₃	1996 07 18.28140	21 00 44.66	-17 13 45.9	16.2 R	816
1986 QV ₃	1996 07 18.28443	21 00 44.53	-17 13 47.1	16.2 R	816
1986 QV ₃	1996 07 18.29041	21 00 44.28	-17 13 49.7	16.3 R	816
1986 QV ₃	1996 07 18.29389	21 00 44.14	-17 13 51.3	16.2 R	816
1991 RD ₃	1996 08 18.09559	22 37 10.62	+02 31 49.7	18.3 R	816
1991 RD ₃	1996 08 18.09926	22 37 10.48	+02 31 48.5	18.1 R	816
1991 RD ₃	1996 08 18.10550	22 37 10.19	+02 31 46.6	18.2 R	816
1991 RD ₃	1996 08 18.11081	22 37 09.98	+02 31 45.4	18.1 R	816
1992 EA	1996 08 11.22447	21 22 18.20	-16 08 00.2	17.3 R	816
1992 EA	1996 08 11.22758	21 22 18.00	-16 08 01.0	17.2 R	816
1992 EA	1996 08 11.23088	21 22 17.79	-16 08 01.8	17.2 R	816
1992 EA	1996 08 11.23427	21 22 17.57	-16 08 02.6	17.3 R	816
1992 EA	1996 08 12.14627	21 21 20.86	-16 11 47.3	17.5 R	816
1992 EA	1996 08 12.15073	21 21 20.57	-16 11 48.5	17.4 R	816
1992 EA	1996 08 12.15786	21 21 20.12	-16 11 50.1	17.4 R	816
1992 EA	1996 08 12.16273	21 21 19.80	-16 11 51.2	17.5 R	816
1992 EA	1996 08 12.21569	21 21 16.37	-16 12 04.1	17.4 R	816
1992 EV ₂₁	1996 07 18.21047	20 12 26.42	-19 02 07.5	16.3 R	816
1992 EV ₂₁	1996 07 18.21359	20 12 26.26	-19 02 09.1	16.3 R	816
1992 EV ₂₁	1996 07 18.22474	20 12 25.67	-19 02 14.7	16.3 R	816
1992 EV ₂₁	1996 07 18.22867	20 12 25.45	-19 02 16.6	16.3 R	816
1993 AD	1996 08 15.30285	23 08 33.99	-04 20 29.5	18.1 R	816
1993 AD	1996 08 15.30622	23 08 33.86	-04 20 29.8	18.0 R	816
1993 AD	1996 08 15.30924	23 08 33.73	-04 20 30.3	18.2 R	816
1993 AD	1996 08 15.31382	23 08 33.52	-04 20 30.6	18.2 R	816
1993 AD	1996 08 18.26757	23 06 26.20	-04 25 46.0	17.6 R	816
1993 AD	1996 08 18.27103	23 06 26.04	-04 25 46.2	17.7 R	816

1993 AD	1996 08 18.27734	23 06 25.77	-04 25 46.9	17.9 R	816
1993 AD	1996 08 18.28913	23 06 25.21	-04 25 48.3	17.7 R	816
1993 UN	1996 08 11.29231	22 47 57.26	-08 16 00.9	17.0 R	816
1993 UN	1996 08 11.29918	22 47 56.97	-08 16 02.7	16.9 R	816
1993 UN	1996 08 11.30215	22 47 56.84	-08 16 03.5	17.0 R	816
1993 UN	1996 08 11.30552	22 47 56.70	-08 16 04.4	16.9 R	816
1993 UN	1996 08 11.31008	22 47 56.50	-08 16 05.7	17.0 R	816
1993 UN	1996 08 12.27223	22 47 17.94	-08 20 37.6	17.1 R	816
1993 UN	1996 08 12.27604	22 47 17.78	-08 20 38.5	17.1 R	816
1993 UN	1996 08 12.28110	22 47 17.55	-08 20 40.0	17.1 R	816
1993 UN	1996 08 12.28483	22 47 17.39	-08 20 41.1	17.0 R	816
1996 OH	1996 08 03.10031	20 36 35.67	-18 47 42.2	19.0 R	816
1996 OH	1996 08 03.10337	20 36 35.50	-18 47 42.5	18.9 R	816
1996 OH	1996 08 03.10637	20 36 35.39	-18 47 42.8	18.4 R	816
1996 OH	1996 08 03.11218	20 36 35.16	-18 47 44.2	18.6 R	816
1996 OH	1996 08 11.12811	20 31 05.03	-19 18 46.0	18.7 R	816
1996 OH	1996 08 11.13142	20 31 04.85	-19 18 46.5	18.8 R	816
1996 OJ	1996 08 11.14594	20 58 56.72	-17 37 58.6	17.7 R	816
1996 OJ	1996 08 11.14947	20 58 56.54	-17 37 59.5	17.8 R	816
1996 OJ	1996 08 11.15535	20 58 56.25	-17 38 00.8	17.9 R	816
1996 OJ	1996 08 11.16027	20 58 56.02	-17 38 02.0	17.8 R	816
1996 PB ₁	* 1996 08 11.31985	22 47 33.70	-08 53 05.1	17.5 R	816
1996 PB ₁	1996 08 11.32422	22 47 33.52	-08 53 05.5	17.8 R	816
1996 PB ₁	1996 08 11.32728	22 47 33.42	-08 53 05.9	18.1 R	816
1996 PB ₁	1996 08 11.33062	22 47 33.28	-08 53 06.4	18.2 R	816
1996 PB ₁	1996 08 12.24918	22 46 58.51	-08 55 00.5	17.3 R	816
1996 PB ₁	1996 08 12.25293	22 46 58.36	-08 55 01.0	17.3 R	816
1996 PB ₁	1996 08 12.25743	22 46 58.17	-08 55 01.6	17.3 R	816
1996 PB ₁	1996 08 12.26200	22 46 57.98	-08 55 02.2	17.5 R	816
1996 PB ₁	1996 08 15.25257	22 44 55.49	-09 01 50.5	17.2 R	816
1996 PB ₁	1996 08 15.25573	22 44 55.34	-09 01 50.7	17.3 R	816
1996 PB ₁	1996 08 15.25911	22 44 55.18	-09 01 51.4	17.4 R	816
1996 PB ₁	1996 08 15.26647	22 44 54.85	-09 01 52.4	17.4 R	816
1996 PB ₁	1996 08 18.19743	22 42 44.09	-09 09 20.8	17.5 R	816
1996 PB ₁	1996 08 18.20054	22 42 43.94	-09 09 21.3	17.4 R	816
1996 PB ₁	1996 08 18.20376	22 42 43.79	-09 09 21.9	17.3 R	816
1996 PB ₁	1996 08 18.20869	22 42 43.54	-09 09 22.6	17.2 R	816
1996 PC ₁	1996 08 18.12595	22 07 24.50	-15 08 29.0	16.8 R	816
1996 PC ₁	1996 08 18.12704	22 07 24.10	-15 08 13.3	17.0 R	816
1996 PC ₁	1996 08 18.12810	22 07 23.72	-15 07 59.1	16.8 R	816
1996 PC ₁	1996 08 18.12902	22 07 23.30	-15 07 46.5	16.9 R	816
1996 PH ₁	* 1996 08 11.22447	21 22 34.51	-16 12 08.9	19.1 R	816
1996 PH ₁	1996 08 11.22758	21 22 34.33	-16 12 10.0	19.0 R	816
1996 PH ₁	1996 08 11.23088	21 22 34.15	-16 12 11.0	19.2 R	816
1996 PH ₁	1996 08 11.23427	21 22 33.96	-16 12 12.2	19.1 R	816
1996 PH ₁	1996 08 12.21569	21 21 41.90	-16 17 37.4	19.5 R	816
1996 PJ ₁	* 1996 08 11.25741	22 33 25.34	-09 01 45.5	19.6 R	I 816
1996 PJ ₁	1996 08 11.26053	22 33 25.23	-09 01 46.8	19.5 R	816
1996 PJ ₁	1996 08 12.29630	22 32 38.21	-09 06 30.5	19.7 R	816
1996 PJ ₁	1996 08 12.30929	22 32 37.55	-09 06 35.3	19.5 R	I 816
1996 PJ ₁	1996 08 15.23157	22 30 20.17	-09 20 24.5	19.8 R	W 816
1996 PJ ₁	1996 08 15.23497	22 30 20.07	-09 20 25.5	19.9 R	W 816

1996 PJ ₁	1996 08 15.23817	22 30 19.87	-09 20 26.6	19.2 R	W 816
1996 PJ ₁	1996 08 15.24310	22 30 19.62	-09 20 28.0	19.6 R	W 816
1996 PJ ₁	1996 08 18.17855	22 27 55.21	-09 34 54.6	19.4 R	816
1996 PJ ₁	1996 08 18.18176	22 27 55.08	-09 34 56.6	18.9 R	816
1996 PJ ₁	1996 08 18.18518	22 27 54.92	-09 34 57.7	18.4 R	816
1996 PJ ₁	1996 08 18.18998	22 27 54.65	-09 34 58.6	18.8 R	816
1996 PK ₁	* 1996 08 11.29231	22 47 53.64	-08 18 16.7	19.0 R	816
1996 PK ₁	1996 08 11.29918	22 47 53.42	-08 18 19.3	18.9 R	816
1996 PK ₁	1996 08 11.30215	22 47 53.30	-08 18 20.5	18.9 R	816
1996 PK ₁	1996 08 11.30552	22 47 53.18	-08 18 21.7	18.9 R	816
1996 PK ₁	1996 08 11.31008	22 47 53.04	-08 18 23.0	19.0 R	816
1996 PK ₁	1996 08 12.27223	22 47 22.00	-08 24 05.5	19.2 R	816
1996 PK ₁	1996 08 12.27604	22 47 21.87	-08 24 06.5	19.1 R	816
1996 PK ₁	1996 08 12.28110	22 47 21.66	-08 24 08.9	19.2 R	816
1996 PK ₁	1996 08 12.28483	22 47 21.57	-08 24 10.2	19.3 R	816
1996 PK ₁	1996 08 15.27390	22 45 36.67	-08 42 47.9	18.9 R	r 816
1996 PK ₁	1996 08 15.27704	22 45 36.58	-08 42 49.1	19.0 R	r 816
1996 PK ₁	1996 08 15.28012	22 45 36.45	-08 42 50.2	19.0 R	r 816
1996 PK ₁	1996 08 15.28370	22 45 36.31	-08 42 52.0	18.8 R	r 816
1996 PJ ₂	* 1996 08 12.14627	21 21 59.32	-16 15 57.7	19.4 R	816
1996 PJ ₂	1996 08 12.15073	21 21 58.98	-16 15 57.0	19.3 R	816
1996 PJ ₂	1996 08 12.15786	21 21 58.50	-16 15 55.3	19.0 R	816
1996 PJ ₂	1996 08 12.16273	21 21 58.16	-16 15 54.4	19.0 R	816
1996 PJ ₂	1996 08 12.21569	21 21 54.60	-16 15 43.7	19.1 R	816
1996 PJ ₂	1996 08 15.21198	21 18 40.92	-16 06 18.4	19.4 R	816
1996 PJ ₂	1996 08 15.21603	21 18 40.64	-16 06 18.6	19.4 R	816
1996 PJ ₂	1996 08 15.22042	21 18 40.38	-16 06 17.7	19.1 R	816
1996 PJ ₂	1996 08 15.22345	21 18 40.16	-16 06 16.7	19.4 R	816
1996 PD ₅	1996 08 15.30285	23 08 16.08	-04 17 40.2	18.7 R	816
1996 PD ₅	1996 08 15.30622	23 08 15.96	-04 17 41.1	18.8 R	816
1996 PD ₅	1996 08 15.30924	23 08 15.86	-04 17 42.2	18.7 R	816
1996 PD ₅	1996 08 15.31382	23 08 15.69	-04 17 43.3	18.8 R	816
1996 PD ₅	1996 08 18.26757	23 06 28.54	-04 33 06.6	18.4 R	816
1996 PD ₅	1996 08 18.27103	23 06 28.40	-04 33 07.9	18.8 R	816
1996 PD ₅	1996 08 18.27734	23 06 28.14	-04 33 10.2	19.0 R	816
1996 PD ₅	1996 08 18.28913	23 06 27.64	-04 33 13.5	18.7 R	816
1996 PE ₅	* 1996 08 15.30285	23 09 01.63	-04 23 00.4	19.5 R	816
1996 PE ₅	1996 08 15.30622	23 09 01.47	-04 23 00.5	19.7 R	816
1996 PE ₅	1996 08 15.30924	23 09 01.31	-04 23 01.0	19.2 R	816
1996 PE ₅	1996 08 15.31382	23 09 01.09	-04 23 01.5	19.5 R	816
1996 PE ₅	1996 08 18.26757	23 06 29.23	-04 29 28.7	19.3 R	816
1996 PE ₅	1996 08 18.27103	23 06 29.09	-04 29 29.8	19.8 R	816
1996 PE ₅	1996 08 18.28913	23 06 28.05	-04 29 32.0	19.6 R	816
1996 QN ₁	* 1996 08 18.24459	23 04 30.71	-06 13 58.9	18.2 R	816
1996 QN ₁	1996 08 18.24774	23 04 30.57	-06 13 59.0	18.2 R	816
1996 QN ₁	1996 08 18.25351	23 04 30.28	-06 13 59.2	18.4 R	816
1996 QN ₁	1996 08 18.29867	23 04 28.16	-06 14 02.2	18.3 R	816
6055 P-L	1996 08 11.24632	22 33 17.05	-09 02 04.2	18.8 R	816
6055 P-L	1996 08 11.25031	22 33 16.86	-09 02 05.2	18.7 R	816
6055 P-L	1996 08 11.25741	22 33 16.51	-09 02 06.4	18.8 R	816
6055 P-L	1996 08 11.26053	22 33 16.37	-09 02 07.2	18.9 R	816
6055 P-L	1996 08 12.29630	22 32 27.71	-09 05 32.3	19.2 R	816

6055 P-L	1996 08 12.30019	22 32 27.52	-09 05 33.0	19.0 R	816
6055 P-L	1996 08 15.23157	22 30 02.90	-09 15 52.0	19.2 R	816
6055 P-L	1996 08 15.23497	22 30 02.72	-09 15 52.5	18.9 R	816
6055 P-L	1996 08 15.23817	22 30 02.54	-09 15 53.4	19.2 R	816
6055 P-L	1996 08 15.24310	22 30 02.30	-09 15 54.3	18.9 R	816
6644 P-L	1996 08 18.24459	23 04 16.53	-06 13 14.2	18.2 R	816
6644 P-L	1996 08 18.24774	23 04 16.40	-06 13 15.7	18.3 R	816
6644 P-L	1996 08 18.25351	23 04 16.16	-06 13 18.3	18.3 R	816
6644 P-L	1996 08 18.29867	23 04 14.37	-06 13 39.7	18.2 R	816
3224 T-3	1996 08 15.30285	23 09 11.98	-04 22 11.0	18.5 R	816
3224 T-3	1996 08 15.30622	23 09 11.84	-04 22 12.3	18.7 R	816
3224 T-3	1996 08 15.30924	23 09 11.71	-04 22 13.3	18.8 R	816
3224 T-3	1996 08 15.31382	23 09 11.52	-04 22 14.9	18.4 R	816

817 Sudbury

D. di Cicco, Sky & Telescope, Cambridge, MA 02138, U.S.A.

[dicicco@skypub.com]

0.41-m Schmidt-Cassegrain + CCD

GSC

1990 FM ₁	1996 08 23.11981	22 19 59.72	-16 34 37.8	15.7 R	817
1990 FM ₁	1996 08 23.13593	22 19 58.89	-16 34 44.2	16.2 R	817
1990 FM ₁	1996 08 23.14483	22 19 58.59	-16 34 47.8	16.1 R	817
1996 PA	1996 08 07.10720	23 00 02.09	-05 04 11.5	15.8 R	817
1996 PA	1996 08 07.11227	23 00 02.30	-05 04 26.2	15.4 R	817
1996 PA	1996 08 07.12253	23 00 02.71	-05 04 56.0	15.4 R	817
1996 PA	1996 08 07.13233	23 00 03.09	-05 05 24.1	15.5 R	817
1996 PA	1996 08 07.14046	23 00 03.45	-05 05 47.6	15.4 R	817
1996 PA	1996 08 07.15336	23 00 03.96	-05 06 24.7	15.5 R	817
1996 PW	1996 08 18.24698	22 20 03.70	-15 04 10.1	17.0 R	817
1996 PW	1996 08 18.26824	22 20 03.51	-15 04 34.1	16.9 R	817
1996 PW	1996 08 18.28244	22 20 03.43	-15 04 50.0	17.2 R	817
1996 PW	1996 08 19.10347	22 19 58.23	-15 20 23.7	17.2 R	817
1996 PW	1996 08 19.12468	22 19 58.06	-15 20 48.0	17.3 R	817
1996 PW	1996 08 19.14039	22 19 57.92	-15 21 06.1	17.2 R	817
1996 PW	1996 08 23.13593	22 19 28.65	-16 36 21.2	16.1 R	817
1996 PW	1996 08 23.14483	22 19 28.52	-16 36 32.0	16.0 R	817
1996 PA ₄	1996 08 18.26410	22 20 14.10	-14 35 55.8	17.7 R	817
1996 PA ₄	1996 08 18.27896	22 20 13.21	-14 36 01.2	17.8 R	817
1996 PA ₄	1996 08 19.11613	22 19 25.41	-14 41 29.5	17.0 R	817
1996 PA ₄	1996 08 19.13315	22 19 24.30	-14 41 37.1	17.4 R	817
1996 PA ₄	1996 08 19.14863	22 19 23.47	-14 41 43.1	17.6 R	817
1996 QF	* 1996 08 18.25937	22 19 53.33	-14 48 05.5	17.8 R	817
1996 QF	1996 08 18.27492	22 19 52.66	-14 48 09.2	17.7 R	817
1996 QF	1996 08 19.11035	22 19 12.98	-14 51 53.1	16.6 R	817
1996 QF	1996 08 19.12920	22 19 12.07	-14 51 57.5	17.1 R	817
1996 QF	1996 08 19.14470	22 19 11.37	-14 52 03.3	17.0 R	817
1996 QF	1996 08 23.12891	22 15 58.43	-15 09 36.7	16.5 R	817
1996 QF	1996 08 23.14066	22 15 57.87	-15 09 40.5	16.5 R	817
1996 QF	1996 08 23.14912	22 15 57.36	-15 09 42.2	16.4 R	817

824 Lake Placid

G. R. Viscome, 100 Sentinel Road, Lake Placid, NY 12946, U.S.A.

[73023.561@compuserve.com]

Observer K. A. Williams

Measurers G. R. Viscome, K. A. Williams

0.41-m $f/5.0$ reflector + CCD

GSC

1993 AD	1996 08 15.18097	23 08 39.24	-04 20 18.0	17.8 R	824
1993 AD	1996 08 15.18579	23 08 39.02	-04 20 18.5	17.6 R	824
1993 AD	1996 08 15.19038	23 08 38.83	-04 20 18.8	17.5 R	824
1993 AD	1996 08 15.19545	23 08 38.62	-04 20 19.2	17.2 R	824
1993 AD	1996 08 19.19336	23 05 44.74	-04 27 34.1	17.7 R	r 824
1993 AD	1996 08 19.19649	23 05 44.60	-04 27 34.6	17.8 R	r 824
1993 AD	1996 08 19.19994	23 05 44.44	-04 27 35.0	17.7 R	r 824
1993 AD	1996 08 19.20324	23 05 44.30	-04 27 35.4	17.8 R	r 824
1996 PD ₅	* 1996 08 15.18097	23 08 20.52	-04 17 05.4	19.2 R	824
1996 PD ₅	1996 08 15.18579	23 08 20.32	-04 17 06.5	18.7 R	824
1996 PD ₅	1996 08 15.19038	23 08 20.16	-04 17 07.7	18.5 R	824
1996 PD ₅	1996 08 15.19545	23 08 19.97	-04 17 09.3	18.5 R	824
1996 PE ₅	1996 08 15.18579	23 09 07.82	-04 22 46.4	19.6 R	824
1996 PE ₅	1996 08 15.19545	23 09 07.19	-04 22 47.9	19.0 R	824
1996 PE ₅	1996 08 19.19336	23 05 39.99	-04 31 42.0	19.8 R	r 824
1996 PE ₅	1996 08 19.19649	23 05 39.81	-04 31 42.5	19.5 R	r 824
1996 PE ₅	1996 08 19.19994	23 05 39.65	-04 31 43.3	19.6 R	r 824
1996 PE ₅	1996 08 19.20324	23 05 39.43	-04 31 43.2	19.8 R	r 824
1996 QM ₁	* 1996 08 18.12359	20 10 06.03	-09 40 16.8	18.8 R	824
1996 QM ₁	1996 08 18.12824	20 10 05.84	-09 40 18.5	19.0 R	824
1996 QM ₁	1996 08 18.13319	20 10 05.59	-09 40 19.9	18.8 R	824
1996 QM ₁	1996 08 19.10400	20 09 23.00	-09 46 03.6	19.2 R	824
1996 QM ₁	1996 08 19.10861	20 09 22.82	-09 46 05.2	19.5 R	824
1996 QM ₁	1996 08 19.11278	20 09 22.61	-09 46 06.8	19.1 R	824
1996 QM ₁	1996 08 20.08740	20 08 41.09	-09 51 50.3	19.6 R	824
1996 QM ₁	1996 08 20.10072	20 08 40.54	-09 51 55.6	18.7 R	824
1996 QM ₁	1996 08 20.10609	20 08 40.29	-09 51 57.3	19.1 R	824
1996 QM ₁	1996 08 20.10936	20 08 40.15	-09 51 58.5	19.1 R	824
1996 QN ₁	1996 08 19.21543	23 03 45.72	-06 15 04.2	17.9 R	824
1996 QN ₁	1996 08 19.21863	23 03 45.56	-06 15 04.5	18.2 R	824
1996 QN ₁	1996 08 19.22176	23 03 45.41	-06 15 04.6	18.2 R	824
1996 QN ₁	1996 08 19.22488	23 03 45.26	-06 15 05.0	18.3 R	824
3224 T-3	1996 08 15.18097	23 09 17.16	-04 21 27.1	18.4 R	824
3224 T-3	1996 08 15.18579	23 09 16.92	-04 21 28.7	18.7 R	824
3224 T-3	1996 08 15.19038	23 09 16.73	-04 21 30.4	18.6 R	824
3224 T-3	1996 08 15.19545	23 09 16.51	-04 21 32.0	18.3 R	824

867 Saji Observatory

M. Yamanishi, 1071-1 Takayama, Saji, Yazu-Gun, Tottori-Ken, 689-13 Japan

[sajinet@infosakyu.or.jp, KYI03040@niftyserve.or.jp]

Observers M. Yamanishi, A. Miyamoto, M. Aimoto, T. Oribe

1.03-m $f/4.2$ reflector + CCD

GSC

1996 PA	1996 08 12.69358	23 03 32.87	-09 37 31.8	15.8 V	867
1996 PA	1996 08 12.69635	23 03 32.94	-09 37 40.0		867
1996 PA	1996 08 12.69774	23 03 32.97	-09 37 44.1		867
1996 PA	1996 08 19.68229	23 06 19.33	-15 23 33.1	15.6 V	867
1996 PA	1996 08 19.68542	23 06 19.36	-15 23 42.2		867

1996 PA	1996 08 19.68750	23 06 19.37	-15 23 48.3		867
1996 PW	1996 08 18.73092	22 20 00.40	-15 13 20.4	17.5 V	867
1996 PW	1996 08 18.74133	22 20 00.30	-15 13 32.3		867
1996 PW	1996 08 18.75383	22 20 00.19	-15 13 46.6		867
1996 PW	1996 08 19.65521	22 19 54.18	-15 30 50.0	17.3 V	867
1996 PW	1996 08 19.65868	22 19 54.15	-15 30 54.1		867
1996 PW	1996 08 19.66146	22 19 54.12	-15 30 57.1		867

897 YGCO Chiyoda Station

T. Kojima, 45 Shimonakamori, Chiyoda, Ohra-Gun, Gunma-Ken, 370-07 Japan

[kojitaku@scorpius.bekkoame.or.jp]

0.25-m $f/6.0$ reflector + CCD

GSC

1996 PA	1996 08 12.57076	23 03 29.74	-09 31 24.5	15.5 R	897
1996 PA	1996 08 12.57328	23 03 29.80	-09 31 31.6		897
1996 PA	1996 08 15.63074	23 04 55.68	-12 03 47.0	15.6 R	897
1996 PA	1996 08 15.63468	23 04 55.73	-12 03 58.9		897
1996 PA	1996 08 15.63726	23 04 55.79	-12 04 06.5		897
1996 PC ₁	1996 08 15.58587	22 21 16.54	-23 55 28.9		897
1996 PC ₁	1996 08 15.59220	22 21 14.34	-23 54 20.5		897
1996 PC ₁	1996 08 15.59383	22 21 13.87	-23 54 01.2		897

900 Moriyama

Y. Ikari, Katsube 626, Moriyama, Shiga-Ken, 524 Japan [ikari@mx.biwa.or.jp]

0.25-m $f/6.3$ reflector + CCD

GSC

1991 CS	1996 08 05.59940	23 10 45.67	+59 34 43.7	15.2 V	900
1991 CS	1996 08 05.62091	23 10 49.89	+59 34 35.8	16.1 V	900
1991 CS	1996 08 16.57414	00 11 16.28	+55 06 18.6	15.1 V	900
1991 CS	1996 08 17.52546	00 19 29.59	+54 07 12.5	14.9 V	900
1991 CS	1996 08 17.55058	00 19 42.84	+54 05 36.3	15.1 V	900
1996 PA	1996 08 17.72013	23 05 42.46	-13 47 22.6	15.6 V	900
1996 PA	1996 08 17.72595	23 05 42.53	-13 47 39.9	15.6 V	900
1996 PA	1996 08 22.68100	23 07 01.49	-17 47 03.4	15.5 V	900
1996 PA	1996 08 22.68683	23 07 01.50	-17 47 20.0	15.5 V	900
1996 PW	1996 08 16.65038	22 20 13.96	-14 33 54.9	17.5 V	900
1996 PW	1996 08 17.68164	22 20 07.38	-14 53 27.6	16.7 V	900
1996 PW	1996 08 18.64469	22 20 01.13	-15 11 42.7	16.3 V	900
1996 PW	1996 08 18.66466	22 20 00.95	-15 12 04.9	16.5 V	900
1996 PW	1996 08 22.71749	22 19 31.55	-16 28 32.0	16.1 V	900
1996 PC ₁	1996 08 17.63599	22 10 13.04	-17 01 07.7	16.5 V	900
1996 PC ₁	1996 08 17.64971	22 10 07.86	-16 58 03.5	16.4 V	900
1996 PC ₁	1996 08 18.62174	22 04 24.69	-13 08 46.8	16.2 V	900
1996 PC ₁	1996 08 18.62815	22 04 22.12	-13 07 12.1	16.3 V	900
1996 PC ₁	1996 08 22.65178	21 37 03.97	+06 11 27.3	16.1 V	900
1996 PC ₁	1996 08 22.66632	21 36 56.94	+06 16 04.9	16.0 V	900
(2484)	1996 07 28.66144	22 46 37.20	-05 24 17.5		900
(2484)	1996 07 28.67310	22 46 37.14	-05 24 17.3		900
(2484)	1996 07 28.68678	22 46 37.09	-05 24 17.1		900
(2484)	1996 07 28.69590	22 46 37.05	-05 24 17.0		900
(2484)	1996 07 31.72455	22 46 25.53	-05 24 29.1		900
(2484)	1996 08 02.68063	22 46 08.90	-05 25 42.7		900
(2484)	1996 08 02.69236	22 46 08.73	-05 25 43.3		900

(2484)	1996 08 03.62054	22 45 58.38	-05 26 37.3	900
(2484)	1996 08 03.63606	22 45 58.23	-05 26 38.1	900

905 Nachi-Katsuura Observatory

T. Urata, 1-8, Dobayashi 1 Chome, Shimizu, Shizuoka-Ken 424, Japan

Observer Y. Shimizu

Measurer T. Urata

0.40-m $f/3.3$ Baker-Schmidt

GSC

1993 UN	1996 08 08.57760	22 49 38.68	-08 03 59.0	17	905
1993 UN	1996 08 08.58449	22 49 38.36	-08 04 01.2		905
1993 UN	1996 08 18.63258	22 42 30.07	-08 53 27.7	17	905
1993 UN	1996 08 18.64760	22 42 29.32	-08 53 32.8		905
1993 UN	1996 08 22.60961	22 39 08.56	-09 15 47.0	17	905
1993 UN	1996 08 22.62459	22 39 07.58	-09 15 52.4		905
1996 NX	1996 08 04.51794	18 33 00.64	-15 36 34.2	17	905
1996 NX	1996 08 04.52691	18 33 00.45	-15 36 32.6		905
1996 PB ₁	1996 08 08.58449	22 49 10.45	-08 48 04.8	17.5	905
1996 PB ₁	1996 08 08.59120	22 49 10.31	-08 48 05.6		905
1996 PB ₁	1996 08 18.63258	22 42 23.74	-09 10 29.6	17.5	905
1996 PB ₁	1996 08 18.64760	22 42 23.11	-09 10 31.8		905
1996 PB ₁	1996 08 22.60961	22 39 11.57	-09 21 38.7	17.5	905
1996 PB ₁	1996 08 22.62459	22 39 10.81	-09 21 40.9		905
1996 PH ₅	* 1996 08 08.57760	22 51 15.04	-08 24 16.1	16.5	905
1996 PH ₅	1996 08 08.59120	22 51 14.54	-08 24 16.2		905
1996 PH ₅	1996 08 10.65897	22 49 39.92	-08 26 29.1	16.5	905
1996 PH ₅	1996 08 10.66667	22 49 39.42	-08 26 29.0		905
1996 PH ₅	1996 08 18.63258	22 42 37.77	-08 39 08.4	16.5	905
1996 PH ₅	1996 08 18.64760	22 42 36.70	-08 39 09.6		905
1996 PH ₅	1996 08 22.60961	22 38 42.36	-08 47 12.3	16.5	905
1996 PH ₅	1996 08 22.62459	22 38 41.42	-08 47 13.8		905
1996 PW ₆	* 1996 08 08.57760	22 46 49.63	-08 32 47.8	17	905
1996 PW ₆	1996 08 08.59120	22 46 48.98	-08 32 49.3		905
1996 PW ₆	1996 08 18.63258	22 40 04.12	-09 00 24.5	17	905
1996 PW ₆	1996 08 18.64760	22 40 03.54	-09 00 28.7		905
1996 PW ₆	1996 08 22.61701	22 36 52.08	-09 13 49.6	17	905
1996 PW ₆	1996 08 22.62459	22 36 51.68	-09 13 50.8		905
1996 QF ₁	* 1996 08 18.63258	22 37 36.49	-07 49 53.3	17	905
1996 QF ₁	1996 08 18.64760	22 37 35.60	-07 49 55.0		905
1996 QF ₁	1996 08 22.59213	22 34 26.34	-07 55 14.0	17.5	905
1996 QF ₁	1996 08 22.60087	22 34 25.92	-07 55 14.9		905
1996 QG ₁	* 1996 08 18.63258	22 38 54.90	-08 40 26.1	17.5	905
1996 QG ₁	1996 08 18.64760	22 38 54.33	-08 40 30.6		905
1996 QG ₁	1996 08 22.61701	22 35 56.87	-09 01 51.9	17.5	905
1996 QG ₁	1996 08 22.62459	22 35 56.50	-09 01 54.4		905
1996 QP ₁	1996 08 18.64016	22 39 25.66	-07 15 34.6	17	905
1996 QP ₁	1996 08 18.64760	22 39 25.36	-07 15 37.8		905
1996 QP ₁	* 1996 08 22.58339	22 36 56.68	-07 41 16.1	17	905
1996 QP ₁	1996 08 22.60087	22 36 56.19	-07 41 21.6		905

965 Observaão Astronomica no Algarve

B. Ewen-Smith, sítio do Poio, P-8500 Portimão, Portugal [coaa@mail.telepac.pt]

Observers B. Ewen-Smith, C. Durman, B. Moulang

0.5-m reflector + CCD

1996 QC	* 1996 08 16.92476	19 07 14.02	-21 52 24.0	18	965
1996 QC	1996 08 16.95186	19 07 13.40	-21 52 26.0		965
1996 QC	1996 08 16.95481	19 07 13.39	-21 52 26.5		965
1996 QC	1996 08 17.88052	19 06 59.06	-21 53 41.7		965
1996 QC	1996 08 17.91308	19 06 58.50	-21 53 44.5		965
1996 QC	1996 08 18.89856	19 06 44.95	-21 55 01.0		965
1996 QC	1996 08 19.90113	19 06 32.95	-21 56 15.5		965
1996 QC	1996 08 19.94792	19 06 32.41	-21 56 19.0		965
1996 QC	1996 08 20.93200	19 06 22.58	-21 57 28.9		965
1996 QC	1996 08 20.94477	19 06 22.46	-21 57 31.1		965
1996 QC	1996 08 21.94081	19 06 14.34	-21 58 37.4		965
1996 QC	1996 08 21.96517	19 06 14.15	-21 58 39.6		965
1996 QC	1996 08 22.88557	19 06 08.49	-21 59 40.3		965
1996 QC	1996 08 23.94406	19 06 03.78	-22 00 45.0		965
1996 QC	1996 08 23.95927	19 06 03.71	-22 00 47.2		965
(3855)	1996 08 05.90484	18 01 13.99	-24 46 58.3		965
(3855)	1996 08 05.91378	18 01 13.90	-24 47 00.3		965
(3855)	1996 08 05.92888	18 01 13.74	-24 47 04.8		965
(3855)	1996 08 06.95123	18 01 07.23	-24 52 06.6		965
(3855)	1996 08 06.95411	18 01 07.22	-24 52 07.3		965
(3855)	1996 08 06.95877	18 01 07.13	-24 52 08.7		965

967 Greens Norton

R. J. Neville, 19 Bradden Way, Greens Norton, Towcester, Northants NN12 8BY, England

0.22-m $f/4.3$ reflector + CCD

GSC

(1566)	1996 06 13.03539	20 16 26.41	-09 42 35.7		967
(1566)	1996 06 13.03961	20 16 18.94	-09 43 35.9		967
(1566)	1996 06 13.04391	20 16 11.39	-09 44 37.2		967
(1566)	1996 06 13.06201	20 15 39.61	-09 48 54.3		967
(1566)	1996 06 13.06792	20 15 29.36	-09 50 16.8		967
(2062)	1994 12 31.03524	07 14 20.72	+00 49 49.6		967
(2062)	1994 12 31.03843	07 14 19.84	+00 50 09.1		967
(2062)	1994 12 31.05200	07 14 16.42	+00 51 25.5		967
(2063)	1996 04 23.99298	12 16 56.42	+02 27 15.2		967
(3103)	1996 07 25.02691	23 14 40.14	-00 07 17.5		967
(3103)	1996 07 25.05614	23 14 54.07	-00 09 38.9		967
(3103)	1996 07 25.05981	23 14 55.86	-00 09 57.0		967
(3103)	1996 07 25.06495	23 14 58.32	-00 10 22.1		967
(3103)	1996 07 25.07235	23 15 01.84	-00 10 57.9		967
(4170)	1996 07 25.04403	23 14 52.89	-00 01 14.7		967
(4170)	1996 07 25.07744	23 14 52.57	-00 01 20.1		967
(4170)	1996 07 25.08295	23 14 52.54	-00 01 21.4		967

ORBITAL ELEMENTS

Orbital elements have been computed by the following contributors:

- C. M. Bardwell, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [cbardwell@cfa.harvard.edu]
 E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [elgb@lowell.edu]
 E. Goffin, Agfa-Gevaert N.V., Mortsels, Belgium [goffin@twi.agfa.be]
 K. Ichikawa, 45 Shiromae Kamiwada-cho, Okazaki-shi, Aichi, 444-02 Japan [kfe04154@niftyserve.or.jp]
 T. Kobayashi, 1717-2 Shimo-Koizumi, Oizumi-machi, Ora-gun, Gunma-ken, 370-05 Japan [kobataka@furusato.infopd.sanyo.co.jp]
 B. G. Marsden, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [bmarsden@cfa.harvard.edu] (M)
 S. Nakano, 3-19, 1 chome, Takenokuchi, Sumoto, Hyogo-ken 656, Japan [snakano@cfa.harvard.edu] (N)
 P. Sicoli, Via Valli 9, I-22040 Garbagnate Monastero (Lecco), Italy [sormano@icil64.cilea.it]
 T. Urata, Shiinoki House 203, 28-6, Chuo 3 Chome, Nakano-Ku, Tokyo 164, Japan
 G. V. Williams, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [gwilliams@cfa.harvard.edu] (W)

C/1995 Y1 (Hyakutake)

Epoch 1996 Feb. 7.0 TT = JDT 2450120.5

<i>T</i> 1996 Feb. 24.28711 TT		Nakano	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	−0.0002713	ω 46.34855	−0.55008763 +0.80532058
	± 0.0000387	Ω 195.76159	−0.77755505 −0.39734819
<i>e</i>	1.0002862	<i>i</i> 54.46586	+0.30465019 +0.43996953

From 223 observations 1995 Dec. 26–1996 Aug. 21, mean residual 0".72.
 Nongravitational parameters $A_1 = +0.01 \pm 0.57$, $A_2 = -1.0199 \pm 0.1253$.

C/1996 B1 (Szczepanski)

Epoch 1996 Feb. 7.0 TT = JDT 2450120.5

<i>T</i> 1996 Feb. 6.91366 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	+0.0063991	ω 151.28263	−0.77435043 −0.60102860
	± 0.0000092	Ω 345.44198	+0.31498384 −0.09495009
<i>e</i>	0.9907292	<i>i</i> 51.91825	+0.54878647 −0.79356733

From 460 observations 1996 Jan. 28–June 9, mean residual 0".67.

C/1996 E1 (NEAT)

Epoch 1996 July 16.0 TT = JDT 2450280.5

<i>T</i> 1996 July 27.35125 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	−0.0005699	ω 81.11374	+0.07207449 +0.88642123
	± 0.0000064	Ω 149.84252	+0.03823653 −0.46054460
<i>e</i>	1.0007744	<i>i</i> 114.47556	+0.99666606 −0.04643354

From 196 observations 1996 Mar. 15–Aug. 26, mean residual 0".73.

C/1996 N1 (Brewington)

Epoch 1996 July 16.0 TT = JDT 2450280.5

<i>T</i> 1996 Aug. 3.42395 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	−0.0005183	ω 43.96932	−0.06525566 +0.76052369
	± 0.0000149	Ω 234.90202	−0.98305694 +0.06213513
<i>e</i>	1.0004799	<i>i</i> 52.14766	+0.17129143 +0.64633036

From 212 observations 1996 July 4–Aug. 24, mean residual 0".64.

P/1996 N2 (Elst-Pizarro)

<i>T</i> 1996 Apr. 18.76778 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
<i>n</i>	0.17594126	ω 133.39500	+0.40139280 +0.91586972
<i>a</i>	3.1542123	Ω 160.26581	−0.84715235 +0.37463083
<i>e</i>	0.1670337	<i>i</i> 1.38362	−0.34816192 +0.14434124

P 5.60
 From 55 observations 1996 July 14–Aug. 24.

C/1996 P2 (Russell-Watson)

<i>T</i> 1996 Feb. 29.51815 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 188.66146	+0.32691100 +0.81585322	
	Ω 101.55559	−0.83529372 +0.48552390	
<i>e</i>	1.0	<i>i</i> 29.13382	−0.44205611 −0.31408608

From 38 observations 1996 Aug. 10–24.

C/1996 Q1 (Tabur)

<i>T</i> 1996 Nov. 3.56197 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 57.23424	+0.33457462 −0.79845927	
	Ω 31.51643	+0.12901705 −0.48732005	
<i>e</i>	1.0	<i>i</i> 73.23424	+0.93349581 +0.35352788

From 45 observations 1996 Aug. 21–26.

126P/IRAS

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>T</i> 1996 Oct. 29.99534 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
<i>n</i>	0.07413903	ω 356.88713	+0.99620610 +0.08210719
<i>a</i>	5.6118335	Ω 357.70068	−0.05583242 +0.34879682
<i>e</i>	0.6965898	<i>i</i> 45.96157	−0.06675436 +0.93359477

P 13.29
 From 92 observations 1983–1996, mean residual 0".96.

One-opposition minor planets

Planet	<i>H</i>	Epoch	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	Arc	O	N	C
1988 RX ₂	14.0	880916	1.99	235.95	135.36	0.40	0.1111	2.6675	37	9	W	
1988 RA ₃	14.5	881006	23.53	165.80	174.94	1.82	0.2386	2.5757	58	15	W	
1988 TE	13.5	880916	4.27	98.09	261.75	1.18	0.2242	2.4065	32	21	W	
1988 TU	14.0	881006	343.01	180.08	224.28	2.97	0.2212	2.3469	30	16	W	
1988 TV	14.0	881006	355.39	174.60	209.54	5.54	0.1718	2.3221	12	13	W	
1988 TX	16.0	881006	16.92	136.47	207.50	4.76	0.3144	2.1912	28	12	W	
1988 TY	14.5	881006	1.51	0.73	15.31	5.48	0.2489	2.4559	12	10	W	
1988 TR ₁	14.0	881006	1.27	180.62	195.29	13.28	0.1736	2.6227	35	17	W	
1988 TV ₁	14.5	881006	346.15	168.24	231.75	2.46	0.2428	2.3678	16	13	W	
1988 TW ₁	13.0	881006	49.42	97.52	204.66	16.86	0.2487	2.6925	16	11	W	

1988 TG ₂	14.0	881006	337.59	39.46	7.35	10.73	0.2154	2.6583	6	8	E	W	1996 HY ₁₈	13.0	960427	276.75	95.73	215.87	9.23	0.0445	3.1106	35	12	M
1988 TM ₂	14.5	881006	338.35	205.44	199.38	2.37	0.1596	2.1522	10	8		W	1996 HC ₁₉	14.0	960427	215.81	173.48	199.65	2.34	0.1061	2.3983	35	12	M
1988 TR ₂	13.0	881006	333.46	39.24	26.59	15.69	0.2735	3.0459	30	21		W	1996 HG ₁₉	14.0	960427	328.58	177.67	87.75	2.79	0.1582	3.2015	35	12	M
1988 UF	11.5	881026	32.48	326.41	25.03	11.06	0.1140	3.0351	37	12		W	1996 HJ ₁₉	13.5	960427	88.04	72.51	51.72	5.76	0.0971	3.1150	35	12	M
1988 VS ₆	12.0	881006	333.15	213.58	209.69	4.97	0.2293	3.9533	29	11		W	1996 HN ₁₉	14.0	960427	229.65	154.89	209.73	6.60	0.1504	2.3623	35	12	M
1989 RP ₁	13.0	890911	22.99	154.83	162.85	12.93	0.2333	2.6474	34	19		W	1996 HO ₁₉	13.0	960427	290.15	188.25	122.65	1.78	0.1568	3.1756	35	15	M
1989 RN ₂	13.0	890911	36.47	312.79	350.45	11.14	0.2176	3.1641	29	14		W	1996 HQ ₁₉	13.5	960427	343.07	89.28	155.01	0.61	0.1010	3.2159	35	12	M
1989 SW ₈	13.5	890911	348.99	190.07	183.28	13.44	0.1881	2.6801	36	14		W	1996 HS ₁₉	14.5	960427	329.94	134.35	130.28	1.63	0.1666	3.1601	35	15	M
1989 ST ₉	15.5	890911	10.72	314.26	19.63	2.29	0.2360	2.3592	26	13		W	1996 HV ₁₉	12.5	960427	141.32	216.39	218.34	7.08	0.1294	3.1838	35	12	M
1989 SX ₉	15.0	890911	337.89	241.19	145.01	0.57	0.2179	2.2072	25	19		W	1996 HL ₂₀	13.5	960427	55.66	84.54	71.29	2.46	0.1204	3.2252	35	15	M
1989 SZ ₉	13.0	890911	122.86	213.64	2.51	12.71	0.1761	2.3862	26	16		W	1996 HO ₂₀	15.0	960427	344.37	182.56	60.81	3.28	0.1484	2.4053	35	18	M
1989 SA ₁₀	14.0	890911	282.36	75.72	4.78	7.67	0.0804	2.2971	26	13		W	1996 HP ₂₀	15.0	960427	302.81	110.66	188.94	0.99	0.1825	2.4045	35	12	M
1989 SH ₁₀	15.0	890911	27.58	93.72	219.36	2.75	0.1697	2.2702	3	13		W	1996 HR ₂₀	13.0	960427	113.70	248.31	218.68	10.21	0.0356	3.1186	35	12	M
1989 SL ₁₀	14.5	890911	321.29	220.70	192.43	2.03	0.2536	2.6272	3	11	E	W	1996 HT ₂₀	14.5	960427	79.63	358.25	135.31	1.18	0.0848	2.4085	35	12	M
1989 SN ₁₀	13.5	890911	35.50	297.48	353.93	8.43	0.2758	2.8991	3	11	E	W	1996 HV ₂₀	15.0	960427	344.69	78.20	165.25	2.79	0.1610	2.4523	35	12	M
1989 SP ₁₀	15.0	890911	23.00	137.70	177.60	3.44	0.2167	2.2600	27	14		W	1996 HA ₂₁	15.0	960427	47.65	333.88	188.19	2.21	0.1373	2.4350	35	12	M
1989 SQ ₁₀	14.0	890911	306.74	259.80	177.52	9.80	0.2894	2.5272	3	14		W	1996 HH ₂₁	13.5	960427	306.08	192.45	105.22	2.35	0.1891	3.1663	35	15	M
1989 ST ₁₀	13.0	891001	11.41	166.24	176.33	8.02	0.1741	2.4669	5	10		W	1996 HL ₂₁	15.0	960427	315.60	241.10	56.25	4.68	0.2935	2.5945	35	12	M
1989 TN ₁	14.0	891001	338.03	56.62	342.36	11.16	0.2307	2.7428	32	13		W	1996 HM ₂₁	15.5	960427	14.39	151.53	53.74	4.85	0.0802	2.1894	35	12	M
1990 KC	13.5	900509	276.30	186.43	141.94	10.01	0.1141	2.7458	7	7		W	1996 HN ₂₁	13.0	960427	180.67	353.02	50.47	12.55	0.1395	2.7536	35	12	M
1992 CZ ₁	11.5	920208	351.51	197.63	322.36	3.53	0.1401	3.1369	27	12	D	W	1996 HR ₂₁	13.5	960427	318.47	106.16	174.77	1.19	0.1684	3.1714	35	18	M
1992 DV	15.0	920228	4.62	4.65	149.93	8.00	0.2964	2.6737	15	12		W	1996 HQ ₂₂	13.5	960427	249.09	139.94	215.41	4.54	0.2053	2.6569	33	12	M
1992 DC ₁	14.0	920228	18.84	26.32	114.89	6.53	0.1202	2.2842	29	8		W	1996 HS ₂₂	15.0	960427	54.42	87.68	70.35	1.45	0.1066	2.2795	33	15	M
1992 EO	12.0	920228	294.88	250.97	10.45	14.26	0.2763	3.1024	12	10		W	1996 HV ₂₂	15.0	960427	291.46	244.73	65.82	4.90	0.1694	2.2557	33	12	M
1992 EX	14.0	920228	9.18	16.60	136.97	10.22	0.0958	2.6590	12	8		W	1996 HW ₂₂	15.5	960427	336.18	47.48	210.21	2.03	0.1839	2.4236	33	12	M
1992 EP ₄	14.5	920228	250.30	166.59	101.60	2.61	0.0230	2.1485	60	10		W	1996 HY ₂₂	15.0	960427	26.64	354.88	195.31	2.48	0.1168	2.5588	33	12	M
1992 EB ₅	11.0	920228	334.87	31.03	151.56	22.49	0.0441	3.2179	60	10		W	1996 HZ ₂₂	14.5	960427	84.56	286.04	204.51	6.12	0.0704	2.1799	35	17	M
1992 HC ₇	14.0	920428	55.88	12.31	113.33	3.60	0.1596	2.9711	2	17	E	M	1996 HA ₂₃	15.0	960427	345.02	32.60	212.43	6.20	0.1774	2.5435	33	12	M
1992 JR	14.5	920428	9.49	94.52	116.29	8.11	0.2550	2.3180	24	11		W	1996 HE ₂₃	13.0	960427	280.44	197.87	131.50	1.84	0.2141	3.1560	33	9	M
1992 QN ₂	13.5	920826	349.63	249.36	105.40	1.20	0.2779	2.6909	5	6		W	1996 HN ₂₃	15.0	960427	306.75	201.38	88.56	3.80	0.1353	2.2682	33	12	M
1992 RN	13.5	920915	51.79	299.57	338.21	8.13	0.2292	2.3380	51	14		W	1996 HO ₂₃	14.5	960427	81.68	292.06	202.42	5.06	0.0677	2.3182	33	12	M
1992 SC ₁₃	14.0	921005	22.76	320.43	19.59	6.22	0.2626	2.6045	22	10		W	1996 HP ₂₃	14.0	960427	151.71	10.49	58.21	7.18	0.0798	2.4555	33	12	M
1992 SZ ₂₃	14.5	920915	11.70	72.01	270.58	4.52	0.2333	2.6117	5	8		W	1996 HT ₂₃	14.5	960427	197.51	223.92	167.18	2.89	0.1488	2.2147	32	9	M
1992 SS ₂₆	11.5	921005	40.08	335.37	352.13	11.77	0.1059	3.1005	31	7		W	1996 HU ₂₃	15.0	960427	350.15	22.29	213.09	5.63	0.0695	2.3653	33	12	M
1992 SU ₂₆	14.0	921005	28.45	53.45	276.08	4.09	0.2618	2.2740	30	3		W	1996 HW ₂₃	14.5	960427	72.67	62.88	69.45	6.42	0.1614	2.3720	33	12	M
1992 UW	13.5	921025	7.74	18.66	2.52	2.89	0.2381	2.5499	58	23		W	1996 HX ₂₃	15.0	960427	335.52	192.58	63.94	6.93	0.1508	2.5430	33	12	M
1992 UU ₅	14.5	921025	349.47	348.07	71.14	3.31	0.2279	2.3372	27	13		W	1996 HC ₂₄	14.0	960427	234.07	292.10	66.98	6.87	0.1032	2.3819	33	12	M
1992 UG ₆	14.0	921025	6.92	334.74	52.76	7.26	0.3222	2.5672	6	11		W	1996 HD ₂₄	14.0	960427	309.12	89.37	206.29	6.28	0.2003	2.4444	34	15	M
1992 VQ	12.9	921025	356.52	285.02	124.09	1.64	0.1878	3.0933	23	9		N	1996 HF ₂₄	15.0	960427	40.06	59.58	114.91	3.01	0.1108	2.3872	39	15	M
1994 SE ₂	15.0	940925	324.85	13.24	38.81	3.99	0.1155	2.1657	15	11		W	1996 HH ₂₄	15.0	960427	278.92	257.87	71.05	4.31	0.2097	2.1792	33	15	M
1994 TJ ₂	14.0	941015	20.45	189.72	160.34	4.90	0.1635	2.3429	36	10		W	1996 HJ ₂₄	14.5	960427	316.35	76.66	195.03	4.05	0.0454	2.3601	33	12	M
1994 TW ₁₅	15.0	940925	358.21	150.97	221.23	3.56	0.2261	2.5517	28	13		W	1996 HN ₂₄	14.5	960427	28.71	114.29	73.48	5.59	0.1080	2.2399	33	18	M
1995 SV ₄₃	14.0	951010	347.28	191.31	202.45	7.35	0.1220	3.0254	30	12		M	1996 JA	15.5	960517	320.28	191.95	62.66	11.49	0.1503	2.6413	41	18	W
1995 TO	15.5	951010	349.23	16.79	15.74	3.67	0.1604	2.1980	15	23		M	1996 KB	14.5	960517	333.48	33.48	231.00	2.47	0.1538	2.5505	7	12	M
1996 AW ₄	15.0	960118	306.10	116.04	75.65	3.28	0.1645	2.3586	43	12		W	1996 KM ₁	15.0	960517	356.59	359.85	209.36	24.70	0.1955	2.2860	22	11	W
1996 CG ₉	14.0	960207	273.25	38.48	191.62	6.97	0.1023	2.4195	4	6		W	1996 LG	16.5	960606	277.05	104.90	256.93	6.35	0.1958	2.2755	11	24	W
1996 DV	13.0	960227	313.36	61.95	154.24	11.84	0.0408	3.1647	64	25		W	1996 LJ ₁	15.0	960716	5.56	49.47	219.38	14.37	0.1270	2.7750	67	26	W
1996 HP	14.5	960427	49.23	111.65	52.65	14.45	0.0897	2.5822	50	27		M	1996 LQ ₁	17.0	960606	323.80	139.41	167.67	3.81	0.2043	2.3496	5	9	W
1996 HQ	16.0	960427	10.49	147.58	61.02	7.21	0.1012	2.2926	50	24		M	1996 MN	16.5	960716	344.17	48.92	263.74	5.94	0.1465	2.2703	51	28	M
1996 HV	15.5	960427	355.01	168.56	61.38	9.18	0.1615	2.7806	48	29		M	1996 NA	15.5	960716	8.54	158.78	103.91	24.26	0.0647	1.9313	31	16	M
1996 HJ ₁₇	14.5	960427	283.84																					

1996 NA ₂	15.5	960716	258.83	112.68	299.03	6.13	0.1163	2.3541	25	9	W
1996 NB ₂	15.0	960716	259.82	117.61	299.38	10.21	0.1725	2.6533	25	12	W
1996 NS ₂	15.5	960716	203.59	325.36	145.78	4.14	0.0400	2.2253	34	12	W
1996 NL ₄	17.0	960716	10.62	97.83	197.49	1.42	0.1958	2.3375	34	12	W
1996 NM ₄	13.5	960716	294.63	232.24	158.36	7.55	0.0697	2.8526	32	9	W
1996 NP ₄	15.5	960716	39.49	302.31	315.67	7.95	0.1894	2.6195	33	12	W
1996 NV ₄	15.0	960716	53.41	327.19	282.30	3.03	0.1415	2.8174	32	9	W
1996 NW ₄	15.5	960716	274.12	253.76	161.04	2.64	0.1009	2.6701	36	12	W
1996 NZ ₄	15.5	960716	345.35	18.97	316.56	24.88	0.1600	2.3816	8	10	M
1996 OA	15.0	960716	309.47	255.57	101.03	3.81	0.1375	3.1080	21	25	M
1996 OB	16.0	960716	354.60	62.72	240.58	3.05	0.0386	2.2869	23	16	W
1996 OD	15.5	960716	35.41	352.38	276.67	12.89	0.0991	2.7994	20	13	M
1996 OF	16.0	960716	285.90	286.39	105.96	6.88	0.1092	2.2670	23	14	M
1996 OK	16.5	960805	346.08	209.85	126.30	7.39	0.2240	2.1970	32	54	M
1996 OL	15.1	960805	1.16	229.94	96.91	4.53	0.1650	2.2545	34	15	N
1996 OO	13.0	960805	49.30	21.87	232.31	10.25	0.0786	3.9984	30	15	W
1996 OP	15.0	960716	9.13	151.19	133.47	1.80	0.1425	3.1263	19	12	W
1996 OR	16.0	960716	315.40	130.24	253.43	8.94	0.2744	3.0498	16	8	M
1996 OX	15.0	960805	14.94	130.60	162.97	4.31	0.1393	2.2083	31	34	M
1996 OY	16.5	960805	38.54	13.67	250.14	13.91	0.0979	2.6340	29	16	M
1996 OC ₁	15.0	960716	248.67	319.67	115.45	6.68	0.1395	2.4164	24	11	W
1996 OO ₁	13.5	960805	79.86	270.90	326.74	8.08	0.0983	3.0459	32	24	W
1996 OQ ₁	14.0	960716	36.93	328.97	316.63	1.12	0.0260	2.8338	26	18	W
1996 OE ₂	13.5	960805	63.44	337.20	295.17	13.47	0.1362	2.6394	33	20	W
1996 OH ₂	14.0	960716	76.36	332.00	290.15	12.13	0.0904	2.8088	3	6 E	W
1996 OJ ₂	15.0	960805	320.24	78.69	295.75	9.93	0.2563	2.4287	26	22	W
1996 OK ₂	15.0	960716	78.72	318.66	240.87	5.95	0.1953	2.6115	12	6	W
1996 OL ₂	15.0	960805	286.56	135.14	262.13	8.74	0.1640	3.2301	31	10	W
1996 OM ₂	14.5	960805	303.49	126.46	260.67	7.92	0.2264	2.7403	31	16	W
1996 OO ₂	13.0	960716	1.82	69.77	325.33	9.98	0.1373	3.1890	22	12	W
1996 OS ₂	15.0	960716	319.19	312.69	33.98	2.47	0.0908	2.7304	22	24	W
1996 OU ₂	13.0	960805	324.05	36.48	310.86	13.75	0.1103	2.6884	19	8	W
1996 OV ₂	15.0	960805	64.35	205.55	29.44	2.66	0.0328	2.8918	19	28	W
1996 OW ₂		960716	311.35	255.64	111.75	14.06	0.2050	2.7208	7	6	W
1996 OX ₂	17.5	960716	353.95	194.79	131.24	6.73	0.1574	2.6526	4	6	W
1996 OZ ₂	15.5	960716	201.66	141.64	318.49	9.17	0.0835	2.6830	2	6 E	W
1996 PA	16.0	960805	12.74	153.07	143.91	19.32	0.2990	1.9032	20	0	M
1996 PC	15.5	960805	298.00	173.95	216.79	8.70	0.1177	3.0239	4	6	M
1996 PD	14.0	960805	342.52	221.39	117.89	9.92	0.2156	2.7516	6	13	M
1996 PE	14.5	960805	335.26	237.26	108.31	4.51	0.1486	2.8075	6	15	M
1996 PF	14.5	960805	210.97	206.52	273.11	6.05	0.1339	2.4044	7	9	W
1996 PG	16.0	960805	145.73	38.76	121.84	13.95	0.0972	2.4961	3	7 E	M
1996 PH	16.0	960805	45.69	301.24	308.46	2.65	0.1934	2.5714	7	10 E	W
1996 PJ	16.5	960805	218.01	325.46	141.46	22.33	0.0841	1.8947	9	13	W
1996 PK	14.5	960805	147.62	200.62	7.66	3.05	0.0837	2.3088	15	15	W
1996 PN	16.0	960805	32.37	268.24	349.64	20.98	0.2583	2.3145	11	12	W
1996 PQ	15.0	960716	266.44	272.35	147.86	7.11	0.1020	2.3274	32	15	W
1996 PS	16.0	960805	81.30	270.98	316.26	5.59	0.0882	2.3063	10	12	W
1996 PX	15.5	960805	51.28	303.29	314.59	5.34	0.1456	2.2262	8	12	W
1996 PA ₁	15.0	960805	330.57	217.42	133.67	7.95	0.1300	2.4207	2	8	M
1996 PB ₁	16.0	960805	4.90	334.48	343.68	2.04	0.2183	2.3735	14	22	W
1996 PD ₁	15.5	960805	330.12	46.95	306.95	1.59	0.0568	2.5972	16	19	W
1996 PF ₁	14.0	960805	55.64	246.92	358.80	5.05	0.1399	3.1169	10	11	W
1996 PG ₁	15.0	960805	18.44	296.91	356.55	3.38	0.1503	2.2880	13	27	W
1996 PH ₁	15.5	960805	131.62	36.25	132.66	5.39	0.2371	2.5789	2	8 E	W
1996 PJ ₁	16.0	960805	262.00	284.91	155.49	0.35	0.1257	2.5804	7	19	W
1996 PK ₁	17.0	960805	328.35	230.81	144.29	3.27	0.2074	2.4682	4	16	W
1996 PL ₁	17.0	960805	31.92	184.92	79.77	1.03	0.1320	2.2157	7	12	W

1996 PM ₁		960716	338.79	237.86	92.37	4.86	0.1992	3.1624	7	12	W
1996 PN ₁	16.5	960716	274.28	39.88	356.95	8.14	0.1109	2.2976	4	6	W
1996 PO ₁	15.0	960805	219.37	75.42	17.01	2.80	0.1491	2.7441	4	10	W
1996 PR ₁		960805	9.22	151.63	163.39	0.59	0.2484	2.9573	8	10	W
1996 PS ₁	10.5	960805	300.26	196.18	201.10	21.42	0.1165	5.1987	6	10	W
1996 PH ₂	20.0	960805	15.58	321.03	316.33	13.98	0.3828	2.1251	11	29	W
1996 PJ ₂	17.0	960716	341.90	14.37	320.73	12.00	0.1644	2.5889	25	18	W
1996 PK ₂	15.5	960805	346.86	202.97	139.30	15.13	0.1442	2.5649	11	12	W
1996 PP ₂	14.5	960805	186.53	347.70	152.70	16.69	0.0838	3.0751	9	9 E	W
1996 PQ ₂	16.5	960805	26.97	329.37	321.67	16.11	0.0756	1.9600	7	12	W
1996 PV ₂	16.0	960805	28.68	312.54	311.23	22.61	0.1948	2.2594	4	9	W
1996 PW ₂	17.0	960805	13.58	217.58	83.80	1.97	0.2117	2.3107	2	9	W
1996 PC ₃	16.0	960805	296.61	96.20	329.35	22.67	0.2965	2.3844	7	21 E	W
1996 PD ₃	14.0	960805	253.65	358.71	84.12	4.00	0.0447	2.6225	10	19	W
1996 PE ₃	16.5	960805	320.70	241.45	146.44	23.22	0.2566	2.2954	5	9	W
1996 PF ₃	16.5	960805	241.97	306.01	146.96	22.83	0.0931	1.9225	5	12	W
1996 PA ₄	15.5	960805	74.48	129.22	102.18	3.07	0.1699	2.3439	10	14	W
1996 PH ₄	16.5	960805	314.20	84.56	310.49	2.90	0.2469	2.5568	7	9	W
1996 PT ₄	17.0	960805	319.32	223.96	146.58	29.48	0.1174	2.1717	5	9 E	W
1996 PX ₄	15.5	960805	158.70	12.07	156.23	5.02	0.0621	2.5204	5	9 E	W
1996 PY ₄	15.5	960805	77.79	67.88	151.76	24.67	0.2714	2.3776	5	12	W
1996 PE ₅	16.5	960805	65.28	275.89	331.05	5.99	0.1927	2.4822	4	13 E	W
1996 PF ₅	15.0	960805	96.18	273.45	292.60	10.68	0.1473	2.6301	11	11	W
1996 PG ₅	15.5	960805	54.64	57.97	189.53	4.30	0.1321	2.2606	11	7	W
1996 PJ ₅	13.5	960805	316.53	36.83	333.59	13.08	0.0823	3.1960	8	12	W
1996 PN ₅	15.0	960805	329.63	273.62	80.86	2.61	0.1023	2.7496	29	12	W
1996 PH ₆	15.0	960805	6.08	169.09	152.50	10.91	0.1273	3.1311	6	9	W
1996 PW ₆	14.3	960825	349.68	8.77	341.09	1.63	0.1922	2.3965	14	6	N
1996 QA	16.5	960805	247.09	112.45	319.49	19.59	0.0561	1.9465	4	9	W
1996 QB	16.5	960805	31.70	70.94	218.06	2.00	0.0409	2.1472	4	9 E	W
1996 QD	14.5	960805	20.10	84.32	209.40	11.36	0.1731	2.6354	7	13	W
1996 QE	14.5	960805	357.63	170.80	174.90	14.41	0.1427	2.5585	7	13	W
1996 QF	14.0	960805	292.02	355.42	48.69	2.70	0.0864	2.9288	6	14	W
1996 QJ	15.5	960805	328.97	57.07	319.60	1.55	0.2227	3.1411	3	9 E	W
1996 QL	14.5	960805	91.85	267.76	312.36	4.20	0.1611	2.7019	5	10	W
1996 QV	16.5	960805	345.15	29.79	317.79	2.18	0.1985	2.5327	8	8	W
1996 QY	15.0	960805	123.48	217.64	324.13	8.49	0.2223	2.4361	6	14 E	W
1996 QB ₁	14.0	960805	328.43	207.96	161.27	1.15	0.2033	3.1020	8	13	W
1996 QM ₁	15.5	960805	127.23	333.53	190.89	7.50	0.2145	2.2763	2	10	W
1996 QO ₁	17.0	960805	358.37	168.17	148.25	4.04	0.0951	2.3409	2	9 E	M

1992 CZ₁ = 1992 DX (S. Nakano, *MPC* 19983)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5							Goffin					
(60) Echo							Obs.	434	M	186.99799	ω	269.84580
H	8.21	G	0.27	U	0	Opp.	64	n	0.26578750	Ω	191.99556	
rms res.		1".05		(M-v)		1860-1994		e	0.1818151	i	3.59524	

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Goffin
(293) Brasilia Obs. 63 *M* 83.07726 ω 85.50131
H 9.94 *G* 0.15 *U* 1 Opp. 18 *n* 0.20363824 Ω 61.80520
rms res. 1''06 (M-v) 1890-1996 *e* 0.1050573 *i* 15.57275

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Goffin
(323) Brucia Obs. 90 *M* 229.09565 ω 291.38800
H 9.73 *G* 0.15 *U* 0 Opp. 21 *n* 0.26824890 Ω 97.52735
rms res. 0''93 (M-v) 1891-1996 *e* 0.3017553 *i* 24.24179

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Goffin
(411) Xanthe Obs. 52 *M* 199.24916 ω 181.02872
H 8.9 *G* 0.15 *U* 1 Opp. 27 *n* 0.19574277 Ω 107.76678
rms res. 1''04 (M-v) 1896-1993 *e* 0.1111689 *i* 15.30809

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Goffin
(445) Edna Obs. 92 *M* 34.51459 ω 77.62471
H 9.29 *G* 0.15 *U* 1 Opp. 27 *n* 0.17220717 Ω 292.92221
rms res. 1''05 (M-v) 1899-1992 *e* 0.1892557 *i* 21.43144

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams
(751) Faïna Obs. 84 *M* 12.49978 ω 302.59857
H 8.66 *G* 0.08 *U* 1 Opp. 24 *n* 0.24194063 Ω 78.98460
rms res. 0''99 (M-v) 1913-1996 *e* 0.1521150 *i* 15.61534

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams
(1205) Ebella Obs. 25 *M* 48.40402 ω 349.23171
H 13.6 *G* 0.15 *U* 2 Opp. 8 *n* 0.24408272 Ω 23.29109
rms res. 1''25 (M-v) 1931-1994 *e* 0.2746239 *i* 8.88228

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Sicoli
(1275) Cimbria Obs. 70 *M* 237.22438 ω 196.57558
H 10.72 *G* 0.15 *U* 1 Opp. 21 *n* 0.22471898 Ω 188.74740
rms res. 1''14 (M-v) 1932-1996 *e* 0.1684602 *i* 12.85545

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams
(1675) Simonida Obs. 73 *M* 294.17984 ω 50.30877
H 11.9 *G* 0.15 *U* 1 Opp. 14 *n* 0.29537733 Ω 30.30641
rms res. 0''93 (M-v) 1931-1996 *e* 0.1246873 *i* 6.79735

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Sicoli
(2210) Lois Obs. 64 *M* 263.38251 ω 215.43677
H 14.3 *G* 0.15 *U* 2 Opp. 9 *n* 0.26456496 Ω 123.61802
rms res. 0''79 (M-v) 1951-1996 *e* 0.2272809 *i* 2.92834

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Bowell
(2474) Ruby Obs. 42 *M* 19.48828 ω 14.51048
H 11.8 *G* 0.15 *U* 1 Opp. 10 *n* 0.22371303 Ω 238.18594
rms res. 0''93 (M-v) 1953-1995 *e* 0.2173508 *i* 7.49337

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Bowell
(2597) Arthur Obs. 28 *M* 355.35745 ω 275.02493
H 11.9 *G* 0.15 *U* 1 Opp. 11 *n* 0.18900216 Ω 120.33571
rms res. 0''92 (M-v) 1951-1995 *e* 0.1489248 *i* 1.08978

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Bowell
(2772) Dugan Obs. 16 *M* 306.17789 ω 311.39201
H 13.4 *G* 0.15 *U* 1 Opp. 6 *n* 0.27997789 Ω 130.77247
rms res. 0''71 (M-v) 1954-1994 *e* 0.2039647 *i* 9.79320

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams
(2873) Binzel Obs. 27 *M* 55.79483 ω 167.79106
H 12.99 *G* 0.15 *U* 2 Opp. 10 *n* 0.29186702 Ω 101.14555
rms res. 1''07 (M-v) 1935-1996 *e* 0.1585234 *i* 5.89987

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Bowell
(2875) Lagerkvist Obs. 32 *M* 330.11447 ω 170.21860
H 12.2 *G* 0.15 *U* 1 Opp. 8 *n* 0.21076773 Ω 340.69469
rms res. 0''89 (M-v) 1955-1994 *e* 0.1032710 *i* 9.04303

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Bowell
(2953) Vysheslavia Obs. 77 *M* 335.50592 ω 13.89216
H 11.6 *G* 0.15 *U* 1 Opp. 7 *n* 0.20719767 Ω 251.82632
rms res. 0''63 (M-v) 1951-1996 *e* 0.0216757 *i* 1.07023

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams
(2955) Newburn Obs. 33 *M* 100.06789 ω 233.84498
H 13.5 *G* 0.15 *U* 2 Opp. 8 *n* 0.30622583 Ω 32.61767
rms res. 1''19 (M-v) 1954-1995 *e* 0.1157395 *i* 3.60012

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Sicoli
(2968) Iliya Obs. 64 *M* 10.83333 ω 33.94622
H 14.3 *G* 0.15 *U* 1 Opp. 8 *n* 0.27051416 Ω 274.55026
rms res. 0''69 (M-v) 1949-1996 *e* 0.3089406 *i* 9.14749

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams
(3012) Minsk Obs. 32 *M* 273.69419 ω 83.42884
H 11.1 *G* 0.15 *U* 2 Opp. 7 *n* 0.17025815 Ω 355.38141
rms res. 1''12 (M-v) 1950-1996 *e* 0.0609860 *i* 18.27310

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams
(3177) 1934 AK Obs. 27 *M* 269.05574 ω 40.28787
H 11.9 *G* 0.15 *U* 2 Opp. 8 *n* 0.23058645 Ω 35.38565
rms res. 0''92 (M-v) 1934-1995 *e* 0.1490316 *i* 15.95228

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Bowell
(3187) Dalian Obs. 48 *M* 159.27588 ω 104.80019
H 13.2 *G* 0.15 *U* 1 Opp. 9 *n* 0.28572265 Ω 312.60831
rms res. 0''83 (M-v) 1951-1996 *e* 0.0586676 *i* 2.75822

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Bowell
(3196) Maklaj Obs. 29 *M* 167.30380 ω 340.43376
H 12.3 *G* 0.15 *U* 1 Opp. 9 *n* 0.18701620 Ω 13.51453
rms res. 0''74 (M-v) 1953-1996 *e* 0.0231121 *i* 8.98634

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Nakano
(3290) Azabu Obs. 44 *M* 149.45273 ω 112.99487
H 11.7 *G* 0.15 *U* 1 Opp. 8 *n* 0.12470861 Ω 75.29912
rms res. 1''10 (M-v) 1954-1996 *e* 0.1248249 *i* 2.77062

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3344) Modena Obs. 44 *M* 263.26736 ω 206.47841
H 12.9 *G* 0.15 *U* 1 Opp. 5 *n* 0.26250405 Ω 78.15204
rms res. 1''01 (M-v) 1955-1987 *e* 0.1189314 *i* 9.44744

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3351) Smith Obs. 16 *M* 3.23873 ω 179.32930
H 13.0 *G* 0.15 *U* 2 Opp. 6 *n* 0.18524736 Ω 186.33870
rms res. 0''76 (M-v) 1959-1996 *e* 0.2636287 *i* 13.14296

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3354) McNair Obs. 29 *M* 95.45185 ω 325.80681
H 13.1 *G* 0.15 *U* 2 Opp. 5 *n* 0.27811717 Ω 321.43158
rms res. 0''90 (M-v) 1971-1996 *e* 0.0958682 *i* 6.41914

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3376) Armandhammer Obs. 19 *M* 137.35169 ω 327.01240
H 12.4 *G* 0.15 *U* 1 Opp. 6 *n* 0.27390962 Ω 250.30333
rms res. 0''81 (M-v) 1953-1995 *e* 0.0675572 *i* 6.33567

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3388) Tsanghinchi Obs. 25 *M* 22.84639 ω 16.76715
H 13.2 *G* 0.15 *U* 1 Opp. 7 *n* 0.27139979 Ω 99.21393
rms res. 1''07 (M-v) 1950-1990 *e* 0.2017990 *i* 25.02052

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3431) Nakano Obs. 27 *M* 79.93698 ω 38.49547
H 10.0 *G* 0.15 *U* 1 Opp. 10 *n* 0.18086975 Ω 312.72006
rms res. 0''90 (M-v) 1955-1995 *e* 0.0375734 *i* 12.26150

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3451) Mentor Obs. 135 *M* 290.00964 ω 129.47190
H 7.8 *G* 0.15 *U* 0 Opp. 9 *n* 0.08590826 Ω 179.81823
rms res. 0''86 (M-v) 1983-1996 *e* 0.0700151 *i* 24.70921

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3517) Tatianicheva Obs. 23 *M* 349.55477 ω 182.22989
H 14.0 *G* 0.15 *U* 1 Opp. 8 *n* 0.29383977 Ω 187.34443
rms res. 0''85 (M-v) 1951-1996 *e* 0.0953566 *i* 3.14848

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3636) Pajdušáková Obs. 37 *M* 332.86034 ω 93.27362
H 13.9 *G* 0.15 *U* 1 Opp. 8 *n* 0.28689534 Ω 27.25423
rms res. 0''76 (M-v) 1954-1994 *e* 0.1767343 *i* 4.10574

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3695) 1973 UU₄ Obs. 24 *M* 164.22178 ω 196.92364
H 14.1 *G* 0.15 *U* 1 Opp. 8 *n* 0.27375527 Ω 177.29756
rms res. 1''01 (M-v) 1951-1991 *e* 0.2306723 *i* 7.42837

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3855) Pasasymphonia Obs. 13 *M* 357.74195 ω 233.31787
H 13.1 *G* 0.15 *U* 2 Opp. 5 *n* 0.29452169 Ω 106.16087
rms res. 0''64 (M-v) 1946-1996 *e* 0.2091809 *i* 6.84239

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(3974) Verveer Obs. 23 *M* 182.39033 ω 159.47500
H 11.6 *G* 0.15 *U* 1 Opp. 8 *n* 0.23507038 Ω 21.52281
rms res. 0''96 (M-v) 1954-1995 *e* 0.1088858 *i* 13.41327

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4018) Bratislava Obs. 28 *M* 341.04670 ω 158.00928
H 13.5 *G* 0.15 *U* 2 Opp. 6 *n* 0.23799931 Ω 252.50881
rms res. 0''78 (M-v) 1978-1996 *e* 0.1652194 *i* 3.43591

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4049) Noragal' Obs. 20 *M* 133.05666 ω 214.07119
H 11.9 *G* 0.15 *U* 1 Opp. 9 *n* 0.18208645 Ω 97.82855
rms res. 0''94 (M-v) 1941-1990 *e* 0.2632168 *i* 2.39539

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4059) Balder Obs. 40 *M* 345.46955 ω 36.11859
H 11.7 *G* 0.15 *U* 1 Opp. 9 *n* 0.18800101 Ω 238.57161
rms res. 0''70 (M-v) 1954-1996 *e* 0.0714652 *i* 9.45307

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4112) Hrabal Obs. 37 *M* 276.71387 ω 178.02345
H 11.2 *G* 0.15 *U* 1 Opp. 6 *n* 0.17911460 Ω 176.09027
rms res. 0''95 (M-v) 1957-1996 *e* 0.0505767 *i* 16.59374

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4141) Nintanlena Obs. 16 *M* 272.91168 ω 252.78176
H 12.6 *G* 0.15 *U* 1 Opp. 5 *n* 0.23953795 Ω 326.74702
rms res. 0''83 (M-v) 1974-1991 *e* 0.0114912 *i* 8.97932

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4146) Rudolfinum Obs. 28 *M* 139.23613 ω 320.73063
H 13.7 *G* 0.15 *U* 2 Opp. 8 *n* 0.29015554 Ω 169.98270
rms res. 1''09 (M-v) 1938-1996 *e* 0.1060592 *i* 4.69778

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4187) Shulnazaria Obs. 33 *M* 185.86658 ω 22.18349
H 12.3 *G* 0.15 *U* 3 Opp. 4 *n* 0.18562269 Ω 175.13176
rms res. 0''58 (M-v) 1978-1996 *e* 0.1181525 *i* 1.27088

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4188) Kitezh Obs. 39 *M* 198.93435 ω 227.98790
H 12.6 *G* 0.15 *U* 2 Opp. 12 *n* 0.27626338 Ω 136.43235
rms res. 0''90 (M-v) 1954-1996 *e* 0.1504260 *i* 6.11842

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4199) Andreev Obs. 63 *M* 138.48694 ω 277.82476
H 13.0 *G* 0.15 *U* 2 Opp. 6 *n* 0.25585288 Ω 72.27732
rms res. 0''81 (M-v) 1976-1996 *e* 0.1346099 *i* 6.10993

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4274) Karamanov Obs. 18 *M* 224.49116 ω 11.81914
H 12.6 *G* 0.15 *U* 1 Opp. 6 *n* 0.22354922 Ω 7.63924
rms res. 0''86 (M-v) 1949-1996 *e* 0.2366634 *i* 7.37771

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4314) 1979 ML₃ Obs. 18 *M* 95.26399 ω 21.69604
H 13.2 *G* 0.15 *U* 1 Opp. 6 *n* 0.23613082 Ω 225.94071
rms res. 0''.68 (M-v) 1955-1992 *e* 0.0976495 *i* 3.20533

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4341) Poseidon Obs. 62 *M* 320.87902 ω 15.50394
H 15.6 *G* 0.15 *U* 2 Opp. 6 *n* 0.39654044 Ω 108.23279
rms res. 0''.80 (M-v) 1987-1996 *e* 0.6794811 *i* 11.87024

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4370) Dickens Obs. 32 *M* 115.95409 ω 152.85540
H 14.6 *G* 0.15 *U* 1 Opp. 9 *n* 0.30273169 Ω 218.64552
rms res. 0''.88 (M-v) 1951-1994 *e* 0.1992303 *i* 2.55033

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4473) 1981 DE₂ Obs. 38 *M* 42.53502 ω 174.57762
H 12.8 *G* 0.15 *U* 2 Opp. 6 *n* 0.18806627 Ω 319.96518
rms res. 0''.87 (M-v) 1979-1996 *e* 0.0393840 *i* 8.79577

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4492) Debussy Obs. 23 *M* 249.93128 ω 52.16283
H 12.9 *G* 0.15 *U* 1 Opp. 6 *n* 0.21387812 Ω 350.29725
rms res. 0''.94 (M-v) 1951-1990 *e* 0.1784484 *i* 8.02871

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4537) Valgrirasp Obs. 41 *M* 105.41016 ω 300.27372
H 11.2 *G* 0.15 *U* 1 Opp. 8 *n* 0.18842366 Ω 228.50140
rms res. 0''.79 (M-v) 1951-1996 *e* 0.0271655 *i* 8.75558

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4600) 1985 RE₄ Obs. 44 *M* 63.43409 ω 188.21889
H 11.6 *G* 0.15 *U* 1 Opp. 6 *n* 0.18846403 Ω 138.83915
rms res. 0''.74 (M-v) 1951-1993 *e* 0.0916118 *i* 11.20088

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4846) Tuthmosis Obs. 26 *M* 355.73651 ω 81.73070
H 12.2 *G* 0.15 *U* 1 Opp. 8 *n* 0.17054689 Ω 23.07919
rms res. 0''.85 (M-v) 1954-1994 *e* 0.1326521 *i* 5.27495

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4878) 1968 OF Obs. 26 *M* 33.82573 ω 119.80430
H 14.9 *G* 0.15 *U* 3 Opp. 5 *n* 0.28454676 Ω 224.28311
rms res. 0''.74 (M-v) 1968-1991 *e* 0.1536071 *i* 6.17263

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4897) 1987 QD₆ Obs. 31 *M* 295.12361 ω 111.09104
H 11.4 *G* 0.15 *U* 1 Opp. 7 *n* 0.18455985 Ω 188.70888
rms res. 0''.76 (M-v) 1950-1996 *e* 0.1236754 *i* 11.05126

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4972) Pachelbel Obs. 33 *M* 119.21989 ω 196.80142
H 13.2 *G* 0.15 *U* 1 Opp. 6 *n* 0.17815834 Ω 175.20348
rms res. 0''.73 (M-v) 1950-1996 *e* 0.1832858 *i* 1.22247

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(4984) 1978 VU₁₀ Obs. 33 *M* 193.94908 ω 65.98874
H 15.1 *G* 0.15 *U* 1 Opp. 5 *n* 0.29132393 Ω 257.45247
rms res. 0''.76 (M-v) 1951-1995 *e* 0.2091217 *i* 1.97641

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5054) Keil Obs. 29 *M* 325.32517 ω 86.11870
H 13.7 *G* 0.15 *U* 1 Opp. 6 *n* 0.25632856 Ω 355.35048
rms res. 0''.96 (M-v) 1954-1992 *e* 0.1458943 *i* 7.47830

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5175) Ables Obs. 36 *M* 175.27876 ω 313.23610
H 13.8 *G* 0.15 *U* 1 Opp. 5 *n* 0.35728879 Ω 234.65775
rms res. 0''.66 (M-v) 1954-1993 *e* 0.0390811 *i* 16.83875

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5344) 1978 RN Obs. 22 *M* 358.66943 ω 229.02809
H 13.2 *G* 0.15 *U* 1 Opp. 5 *n* 0.22182439 Ω 174.18053
rms res. 0''.87 (M-v) 1969-1991 *e* 0.1638139 *i* 7.07792

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5347) 1985 DX₂ Obs. 33 *M* 72.84153 ω 7.18277
H 11.7 *G* 0.15 *U* 1 Opp. 7 *n* 0.18857577 Ω 167.87109
rms res. 0''.72 (M-v) 1951-1996 *e* 0.0311997 *i* 11.07060

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5410) Spivakov Obs. 40 *M* 263.26760 ω 340.03848
H 12.9 *G* 0.15 *U* 1 Opp. 5 *n* 0.18927484 Ω 141.37758
rms res. 0''.81 (M-v) 1967-1996 *e* 0.2787951 *i* 4.01916

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5530) Eisinga Obs. 42 *M* 33.32313 ω 114.61472
H 13.8 *G* 0.15 *U* 3 Opp. 6 *n* 0.28365137 Ω 16.68978
rms res. 0''.56 (M-v) 1955-1995 *e* 0.1520778 *i* 7.74825

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5555) Wimberly Obs. 37 *M* 307.86594 ω 56.76720
H 12.2 *G* 0.15 *U* 1 Opp. 5 *n* 0.18850285 Ω 3.08738
rms res. 0''.64 (M-v) 1955-1993 *e* 0.1017771 *i* 10.14233

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5594) 1991 NK₁ Obs. 36 *M* 37.28899 ω 126.25346
H 11.6 *G* 0.15 *U* 1 Opp. 4 *n* 0.17451866 Ω 128.84130
rms res. 0''.63 (M-v) 1983-1992 *e* 0.0492516 *i* 10.27458

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5600) 1991 UY Obs. 38 *M* 174.25707 ω 315.74788
H 13.1 *G* 0.15 *U* 1 Opp. 4 *n* 0.28682888 Ω 74.48104
rms res. 0''.82 (M-v) 1981-1994 *e* 0.1310900 *i* 7.03159

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5
(5612) 1975 TX₂ Obs. 71 *M* 76.12577 ω 40.06145
H 13.0 *G* 0.15 *U* 1 Opp. 6 *n* 0.25166047 Ω 53.22625
rms res. 0''.48 (M-v) 1975-1996 *e* 0.1011848 *i* 7.73990

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(5866) Sachsen Obs. 33 *M* 238.27906 ω 248.33368
H 13.8 *G* 0.15 *U* 1 Opp. 5 *n* 0.21152559 Ω 141.71510
rms res. 0".75 (M-v) 1954-1993 *e* 0.0809293 *i* 5.09189

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(5980) 1993 FP₂ Obs. 26 *M* 196.55687 ω 25.04884
H 13.0 *G* 0.15 *U* 1 Opp. 6 *n* 0.29154264 Ω 349.57686
rms res. 0".84 (M-v) 1930-1996 *e* 0.1517322 *i* 3.78185

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6327) 1991 GP₁ Obs. 32 *M* 51.93544 ω 104.68032
H 11.8 *G* 0.15 *U* 1 Opp. 7 *n* 0.21472314 Ω 134.73756
rms res. 0".88 (M-v) 1950-1996 *e* 0.2255024 *i* 14.43912

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6343) 1993 VK Obs. 24 *M* 235.82618 ω 32.02866
H 11.5 *G* 0.15 *U* 1 Opp. 6 *n* 0.17536663 Ω 336.11901
rms res. 0".71 (M-v) 1953-1995 *e* 0.1042188 *i* 8.67440

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6365) 1981 ES₂₉ Obs. 28 *M* 82.91802 ω 339.18444
H 12.9 *G* 0.15 *U* 1 Opp. 5 *n* 0.20344849 Ω 209.36214
rms res. 0".76 (M-v) 1955-1995 *e* 0.2075260 *i* 8.29709

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6420) 1993 XG₁ Obs. 39 *M* 312.71919 ω 49.24654
H 11.8 *G* 0.15 *U* 1 Opp. 5 *n* 0.19056261 Ω 290.92479
rms res. 0".64 (M-v) 1954-1995 *e* 0.1065187 *i* 8.92014

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Williams**
(6449) 1991 CL₁ Obs. 31 *M* 271.01368 ω 162.24113
H 13.5 *G* 0.15 *U* 1 Opp. 6 *n* 0.27804205 Ω 287.47396
rms res. 0".83 (M-v) 1982-1996 *e* 0.1410009 *i* 2.46103

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6452) Johnnuller Obs. 102 *M* 146.15231 ω 27.83548
H 13.7 *G* 0.15 *U* 1 Opp. 6 *n* 0.25900178 Ω 196.63329
rms res. 0".70 (M-v) 1951-1995 *e* 0.0677048 *i* 1.67830

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6483) Nikolajvasil'ev Obs. . 2 *M* 35.8005 ω 182.1711
H 13.6 *G* 0.15 *U* 1 Opp. 6 *n* 0.24246681 Ω 182.12411
rms res. 0".78 (M-v) 1954-1995 *e* 0.1517271 *i* 5.32192

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6526) 1992 TY Obs. 44 *M* 145.73835 ω 166.48315
H 13.7 *G* 0.15 *U* 1 Opp. 7 *n* 0.29877218 Ω 133.87546
rms res. 0".67 (M-v) 1951-1995 *e* 0.1793821 *i* 5.11895

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6605) 1990 SM₉ Obs. 36 *M* 51.52698 ω 293.98453
H 12.5 *G* 0.15 *U* 1 Opp. 6 *n* 0.20034567 Ω 108.35132
rms res. 0".75 (M-v) 1954-1995 *e* 0.0763068 *i* 3.16685

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6798) Couperin Obs. 44 *M* 115.51497 ω 81.16820
H 13.1 *G* 0.15 *U* 1 Opp. 5 *n* 0.19574935 Ω 307.33386
rms res. 0".80 (M-v) 1951-1995 *e* 0.1049599 *i* 0.91576

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6803) 1995 UK₇ Obs. 27 *M* 111.38945 ω 288.40181
H 13.2 *G* 0.15 *U* 1 Opp. 5 *n* 0.21815768 Ω 74.17649
rms res. 0".92 (M-v) 1954-1995 *e* 0.2090599 *i* 8.10662

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6910) 1991 FJ Obs. 46 *M* 354.85291 ω 222.43834
H 12.3 *G* 0.15 *U* 1 Opp. 8 *n* 0.18505672 Ω 348.42841
rms res. 0".86 (M-v) 1954-1996 *e* 0.0337540 *i* 9.10864

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6927) 1994 TE₁ Obs. 35 *M* 55.00935 ω 41.06033
H 13.3 *G* 0.15 *U* 1 Opp. 6 *n* 0.27532539 Ω 135.49856
rms res. 0".62 (M-v) 1951-1996 *e* 0.0086174 *i* 4.82129

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(6994) 1995 BV₄ Obs. 30 *M* 92.16108 ω 152.42493
H 12.1 *G* 0.15 *U* 1 Opp. 6 *n* 0.18464273 Ω 13.00083
rms res. 0".78 (M-v) 1950-1996 *e* 0.0172127 *i* 0.78753

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 **Bowell**
(7049) 1981 UV₂₁ Obs. 26 *M* 131.98015 ω 358.91906
H 14.3 *G* 0.15 *U* 1 Opp. 6 *n* 0.29382708 Ω 93.80322
rms res. 0".54 (M-v) 1951-1996 *e* 0.1184986 *i* 2.78820

(7101)* 1930 UX = 1958 VC = 1977 DW = 1986 XQ

Discovered 1930 Oct. 17 by C. W. Tombaugh at the Lowell Observatory.

Id. H. Kaneda (*MPC* 19008)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams	
<i>M</i> 331.17373 (2000.0)				P	Q
<i>n</i>	0.28260859	ω	57.25149	+0.85188815	-0.52248715
<i>a</i>	2.2997422	Ω	334.19365	+0.44861648	+0.76343399
<i>e</i>	0.2027425	<i>i</i>	4.73942	+0.27024032	+0.37970479
<i>P</i>	3.49	<i>H</i>	14.6	<i>G</i>	0.15 <i>U</i> 1

Residuals in seconds of arc

301015	690	0.9-	1.9-	931012	801	0.1+	0.4+	960721	684	0.0	0.2-
301017	690	1.7+	1.0-	931110	801	0.5-	0.1+	960721	684	0.2+	0.2-
301019	690	0.7+	1.2-	931110	801	0.5-	0.2-	960806	684	0.1+	0.5+
581111	760	0.4+	0.7+	931117	801	0.2-	0.1-	960806	684	0.1+	0.6+
581111	760	0.6-	1.0+	931117	801	0.2-	0.1-	960806	684	0.2+	0.5+
770218	381	1.3+	0.2+	931211	107	1.5-	1.6-	960807	684	0.0	0.6+
770218	381	0.7-	0.3+	931212	107	0.7-	0.6+	960807	684	0.1+	0.6+
770219	381	(6.1-	0.2+)	931212	107	0.6-	0.2+	960807	684	0.1+	0.6+
770219	381	0.4-	0.1+	931212	107	1.3+	1.0+	960817	566	0.7-	0.1+
861202	688	1.4+	1.2+	960720	684	0.0	0.2-	960817	566	0.7-	0.2+
861202	688	1.2+	0.7+	960720	684	0.2+	0.2-	960817	566	0.8-	0.4+
931012	801	0.3-	0.5+	960720	684	0.0	0.0				

(7102)* 1936 NB = 1985 OB

Discovered 1936 July 12 by C. Jackson at Johannesburg.

Id. T. Kobayashi (*MPC* 14182)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	45.98163	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.18236023	ω	345.66679	+0.25400954
<i>a</i>	3.0797536	Ω	298.36969	+0.07687427
<i>e</i>	0.2553649	<i>i</i>	18.67611	+0.37148326
<i>P</i>	5.40	<i>H</i>	12.1	<i>G</i> 0.15 <i>U</i> 1

Residuals in seconds of arc

360712 078	1.4+	0.4-	910906 801	0.2-	0.1+	960720 801	0.1+	1.0-
360715 078	(92.8+ 26.0+)	X	910906 801	0.3-	0.1+	960720 684	0.0	0.2-
360723 078	(3.6+ 5.1+)		910910 801	0.0	0.5+	960720 684	0.0	0.2-
360807 078	(6.5- 13.2-)	X	910910 801	0.1-	0.3+	960720 684	0.0	0.1-
360815 078	2.5-	2.4+	931216 691	1.0-	0.7-	960721 684	0.3+	0.1+
850717 046	0.5-	1.7-	931216 691	1.0-	0.5-	960721 684	0.3+	0.1+
850718 046	(6.9+ 2.9-)		931216 691	0.7-	0.5-	960816 801	0.0	0.2+
850718 046	0.7+	0.4+	940106 675	0.3-	0.6-	960816 801	0.2+	0.2+
850721 046	1.4+	1.1-	940106 675	0.1+	1.9-	960818 801	0.4+	0.0
850721 046	0.5+	0.7-	960718 801	0.1+	0.4-	960818 801	0.2+	0.1-
910812 801	0.2-	0.2-	960718 801	0.1+	0.1-			
910812 801	0.2-	0.2-	960720 801	0.2+	0.6-			

(7103)* 1953 GH = 1953 GN₁ = 1991 PS₁₈

Discovered 1953 Apr. 7 by K. Reinmuth at Heidelberg.

Id. E. Rabe (d, *MPC* 1227), H. Kaneda (*MPC* 20138)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	51.06592	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.18860356	ω	94.21034	+0.13731795
<i>a</i>	3.0114070	Ω	183.74124	+0.13101525
<i>e</i>	0.0848505	<i>i</i>	10.14904	+0.04270155
<i>P</i>	5.23	<i>H</i>	13.1	<i>G</i> 0.15 <i>U</i> 1

Residuals in seconds of arc

530407 210	(43.2- 46.5-)	X	921130 808	0.5+	0.4-	960807 684	0.2+	0.0
530407 024	1.9-	0.2-	921130 808	0.6-	0.6+	960807 684	0.2+	0.0
530412 024	0.7+	1.0+	960718 684	0.4+	0.4+	960807 684	0.4+	0.1+
530419 024	1.2+	0.7-	960718 684	0.2+	0.4+	960816 801	0.7+	0.2+
900525 675	0.5-	1.4-	960719 684	0.2+	0.1-	960818 104	1.6-	1.6+
900525 675	0.4+	0.3+	960719 684	0.1+	0.3+	960818 104	(2.2- 1.1+)	
910808 675	(0.9- 2.6-)		960719 684	0.4+	0.2+	960818 104	2.0-	0.2+
910808 675	(0.8- 2.2-)		960806 684	0.2+	0.2+	960818 104	1.2-	0.9-
910914 675	0.0	1.2-	960806 684	0.0	0.1+	960819 801	0.7+	0.3-
910914 675	0.4+	1.2-	960806 684	0.2+	0.1+	960819 801	0.7+	0.2+

(7104)* 1977 DU = 1975 TA₁ = 1985 FG₁ = 1991 VW₁

Discovered 1977 Feb. 18 by H. Kosai and K. Hurukawa at the Kiso Station of the Tokyo Astronomical Observatory.

Id. T. Kobayashi (*MPC* 19495)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	28.40218	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.25184664	ω	150.61759	-0.67022360
<i>a</i>	2.4833920	Ω	341.39411	+0.65776145
<i>e</i>	0.0789916	<i>i</i>	6.28635	+0.34372984
<i>P</i>	3.91	<i>H</i>	13.5	<i>G</i> 0.15 <i>U</i> 1

Residuals in seconds of arc

550724 675	1.9+	0.2-	850322 688	0.1+	0.8+	940804 675	0.6+	0.7+
550724 675	0.7-	1.4-	911104 896	0.2-	1.7+	951115 596	0.0	0.3-
751003 095	(2.8- 0.7+)		911110 896	(1.6- 3.2-)	Y	951115 596	0.1+	0.6-
770213 675	0.8-	0.0	911110 896	0.1-	1.2-	951115 596	0.1-	0.3-
770214 675	0.5-	0.6+	911112 896	1.0+	1.5+	951218 801	0.3+	0.7-
770218 381	0.1+	0.0	911202 675	0.0	0.1+	951218 801	0.3+	0.5-
770218 381	0.2+	0.6-	911202 675	1.5-	0.6+	951223 801	0.1+	0.2-
770219 381	0.2-	0.1-	940712 675	0.5-	0.3+	951223 801	0.0	0.3-
770219 381	0.1+	0.2-	940712 675	0.5-	0.7-			
850322 688	0.8+	0.9-	940804 675	0.3-	0.1+			

(7105)* 1977 DB₁ = 1987 WX₁ = 1988 AW

Discovered 1977 Feb. 18 by H. Kosai and K. Hurukawa at the Kiso Station of the Tokyo Astronomical Observatory.

Id. H. Kaneda (*MPC* 16575)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	126.58201	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.26351572	ω	330.56590	-0.34573752
<i>a</i>	2.4095264	Ω	139.63543	+0.87060226
<i>e</i>	0.1736454	<i>i</i>	2.93524	+0.35002466
<i>P</i>	3.74	<i>H</i>	14.6	<i>G</i> 0.15 <i>U</i> 1

Residuals in seconds of arc

550416 675	0.3+	0.3-	880120 675	1.3-	0.1-	920227 675	0.3-	1.0-
770213 675	0.1+	0.1+	900820 809	0.9+	0.7+	920228 675	0.6-	0.3-
770214 675	0.3+	0.0	900820 809	0.3-	0.0	920228 675	0.0	1.1-
770218 381	0.1-	0.2+	900820 809	1.2-	0.4+	920302 809	0.1-	1.3+
770218 381	0.4+	0.2+	900826 809	0.2-	1.9-	920304 809	0.2+	0.6+
770219 381	0.0	0.1+	900826 809	0.1-	1.6-	920307 809	1.1-	0.7-
770219 381	0.3-	0.0	900826 809	0.2-	2.0-	941001 675	0.2-	0.1-
871126 033	0.5+	0.4-	920204 675	0.1-	0.2-	941001 675	0.5+	0.7+
871126 033	0.5+	0.2-	920204 675	1.0+	0.5-	941107 675	0.2+	0.9+
880111 033	0.4-	0.2+	920225 675	0.1-	0.1-	941107 675	1.9+	0.4+
880111 033	0.0	0.0	920225 675	0.7+	0.7-			
880120 675	0.5-	0.1-	920227 675	0.3-	0.3-			

(7106)* 1978 PM₃ = 1993 XA₂

Discovered 1978 Aug. 8 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Id. G. V. Williams (*MPC* 22947)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	312.14951	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.21047687	ω	203.45008	+0.98647222
<i>a</i>	2.7989800	Ω	148.28229	-0.10928470
<i>e</i>	0.1811167	<i>i</i>	9.93118	-0.12218600
<i>P</i>	4.68	<i>H</i>	12.6	<i>G</i> 0.15 <i>U</i> 1

Residuals in seconds of arc

540702 675	1.0-	0.8-	920903 095	1.2-	0.2-	960522 684	0.2+	0.0
540702 675	1.5+	0.1+	931214 675	1.4-	0.7-	960522 684	0.2+	0.0
780808 095	0.6-	0.1-	931214 675	1.0+	0.7+	960522 684	0.1+	0.1+
780903 095	0.2-	1.1-	931216 675	0.4+	0.5+	960609 691	1.2-	0.3+
780928 095	(3.0- 0.6-)		931216 675	0.3+	1.9+	960609 691	1.1-	0.2+
920829 095	1.1+	1.4+	960521 684	0.3+	0.1+	960609 691	1.0-	0.4+

920829 095 (2.3+ 1.1+) 960521 684 0.8+ 1.1+ 960712 801 1.2+ 0.7+
 920903 095 0.6+ 1.0+ 960521 684 0.2+ 0.0 960712 801 0.2+ 0.5-

(7107)* 1980 PB₁ = 1976 JN₂ = 1987 QA₈

Discovered 1980 Aug. 15 by A. Mrkos at Kleť.

Id. H. Kaneda (*MPC* 19013)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i> 222.05406 (2000.0)		P		Q	
<i>n</i>	0.28252429	ω	169.31834	+0.93004859	+0.36619141
<i>a</i>	2.3001996	Ω	169.05419	-0.34776351	+0.90382371
<i>e</i>	0.1471777	<i>i</i>	9.15882	-0.11861768	+0.22137425
<i>P</i>	3.49	<i>H</i>	13.8	<i>G</i>	0.15
				<i>U</i>	2

Residuals in seconds of arc

760502 095	0.1+	1.2-	940828 596	0.4-	0.9+	951218 046	0.2-	0.1-
800815 046	0.6+	1.1-	940828 596	0.3+	1.0+	951218 046	0.2-	0.2-
800815 046	0.6-	0.7-	940828 596	0.0	1.0+	951218 046	0.2+	0.3-
800817 046	2.0+	0.8+	940902 801	0.0	0.6+	960114 046	0.3+	0.4-
800817 046	0.3-	2.2-	940902 801	0.3+	0.1+	960114 046	0.1-	0.4-
800818 046	0.0	1.9-	940909 801	0.2-	0.3+	960114 046	0.8+	0.4-
800818 046	0.5+	1.8-	941011 046	0.2-	0.5+	960116 046	0.1+	0.2-
870828 095	1.8-	1.5-	941011 046	0.5-	0.5+	960116 046	0.1+	0.3-
870830 046	(3.0-	3.3-)	941011 046	0.0	0.0	960116 046	0.3+	0.0
870830 046	(2.9-	2.7-)	941012 046	0.4-	0.0	960224 046	0.1+	0.0
870831 095	0.4-	0.8+	941012 046	0.1+	0.2+	960224 046	0.0	0.1-
900525 675	0.1+	0.7+	941012 046	0.1+	0.1+	960224 046	0.1-	0.1+
900525 675	0.4-	1.4+	951127 046	0.4-	0.1-	960225 046	0.2-	0.2-
940809 801	0.5+	0.5+	951127 046	0.2-	0.0	960225 046	0.1-	0.0
940809 801	0.5+	0.4+	951127 046	0.2-	0.1-	960225 046	0.4-	0.2+

(7108)* 1981 RM₃ = 1981 SQ = 1971 TZ₁ = 1976 ST₉

Discovered 1981 Sept. 2 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Id. S. Nakano (d, *MPC* 10513), T. Kobayashi (*MPC* 14347)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i> 316.21914 (2000.0)		P		Q	
<i>n</i>	0.19176945	ω	196.99023	+0.82355290	-0.56701463
<i>a</i>	2.9781720	Ω	197.58019	+0.52638461	+0.77442548
<i>e</i>	0.1796833	<i>i</i>	3.03081	+0.21137615	+0.28064136
<i>P</i>	5.14	<i>H</i>	13.0	<i>G</i>	0.15
				<i>U</i>	2

Residuals in seconds of arc

711012 095	0.0	0.9-	910716 675	0.1-	0.1+	921225 801	0.1+	0.2+
760929 095	(6.0+	4.8+)	910718 675	1.3-	0.6-	921225 801	0.7-	1.8-
810902 095	0.5+	1.2+	910718 675	1.3-	0.0	921228 801	0.2+	0.4-
810925 046	(0.5-	3.3-)	910807 675	1.5+	0.4-	921228 801	0.3+	0.5-
810925 046	(1.6-	3.0-)	910807 675	0.4+	0.2-	960724 104	0.5-	0.3-
810925 095	1.0-	1.6+	910808 675	0.7-	2.2-	960724 104	0.0	0.4-
811005 688	(0.2+	5.2-)	910808 675	1.1-	0.5-	960724 104	0.2+	0.5-
811005 688	(4.3+	1.8-)	910810 675	0.1+	0.1-	960816 801	0.7+	0.0
860829 095	1.1-	2.1+	910810 675	1.4+	0.4-	960816 801	0.0	0.0
860906 095	0.7+	0.6+	910812 095	0.7+	0.3-	960819 801	0.3+	0.8-
910716 675	1.3-	1.1-	910812 095	1.6+	0.2+	960819 801	0.3+	0.7+

(7109)* 1983 RT₄ = 1975 XU₄ = 1979 SB₁₂ = 1979 WA₂ = 1988 XX₅ = 1990 ET

Discovered 1983 Sept. 1 by L. G. Karachkina at the Crimean Astrophysical Observatory.

Id. H. Kaneda (*MPC* 17202), R. Nagata (*ibid.*)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i> 7.81646 (2000.0)		P		Q	
<i>n</i>	0.22776516	ω	152.57691	+0.99233761	+0.10607107
<i>a</i>	2.6554891	Ω	201.61496	-0.11850408	+0.96222111
<i>e</i>	0.1482955	<i>i</i>	9.90488	+0.03496923	+0.25075777
<i>P</i>	4.33	<i>H</i>	13.2	<i>G</i>	0.15
				<i>U</i>	1

Residuals in seconds of arc

751203 095	(0.1+	3.0-)	900302 809	0.2+	0.8-	921028 801	0.1+	0.3+
790924 095	0.9+	2.1-	900304 809	1.0-	0.2-	921028 801	0.0	0.2+
791116 095	1.1-	0.6-	900304 809	0.4-	1.0-	940211 675	0.2+	0.9-
830901 095	(5.3-	5.2-)	900304 809	0.1+	1.2-	940211 675	0.5-	0.5+
830911 095	(2.2-	4.1+)	920930 801	0.4+	0.1+	960718 801	0.3+	0.0
830914 095	0.1-	1.7+	920930 801	0.6+	0.2-	960718 801	0.3+	0.3+
881208 808	0.3+	0.0	921022 801	0.2+	0.1-	960818 801	0.0	1.4-
881208 808	0.4-	0.2-	921022 801	0.4+	0.1+	960818 801	0.2+	1.0-
900302 809	0.5+	0.3+	921027 376	0.7-	0.2-	960819 801	0.4-	1.1-
900302 809	0.1-	0.2-	921027 376	0.1-	1.8+	960819 801	0.2-	1.0-

(7110)* 1983 XH₁ = 1975 BM₁ = 1978 RV₂ = 1978 TN₃ = 1987 QE₃

Discovered 1983 Dec. 7 at the Perth Observatory.

Id. H. Kaneda (*MPC* 16024)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i> 262.07301 (2000.0)		P		Q	
<i>n</i>	0.21050119	ω	267.61873	+0.14865724	-0.98878335
<i>a</i>	2.7987644	Ω	173.77622	+0.95197071	+0.13913954
<i>e</i>	0.2050245	<i>i</i>	7.65427	+0.26768040	+0.05429251
<i>P</i>	4.68	<i>H</i>	12.5	<i>G</i>	0.15
				<i>U</i>	1

Residuals in seconds of arc

750116 330	(15.0-	1.0-)	870829 809	0.7-	0.9-	940307 560	0.4+	0.5-
780912 095	0.9+	1.4+	870829 809	1.1-	1.6-	940308 560	0.8-	0.4-
781004 095	(0.4-	3.3+)	870901 095	1.3+	1.0-	940308 560	0.7-	0.0
831207 323	0.9-	0.5-	920824 801	0.6-	0.5+	940308 560	0.2-	0.4-
831209 323	1.9+	0.1-	920824 801	0.7-	0.7+	940309 560	0.7-	1.5-
831212 323	0.9+	1.0-	920826 801	0.5-	0.6+	940309 560	0.8-	1.1-
870822 809	(4.6-	0.9-)	920826 801	0.4-	0.2+	940313 675	(0.4+	2.4-)
870822 809	(4.5-	1.4-)	920831 095	0.2+	0.8+	940313 675	0.5-	1.0-
870826 095	1.1-	0.8-	920831 095	1.9+	0.5+	940316 801	0.2-	0.3-
870827 809	2.0-	1.5-	920930 801	0.9-	0.0	940316 801	0.1-	0.6-
870827 809	1.5-	2.1-	920930 801	0.8-	0.1-	960723 599	1.0+	0.1+
870827 809	0.6-	1.0-	940207 596	0.5-	0.3+	960723 599	0.9+	0.6+
870828 809	1.1+	1.3-	940207 596	0.4+	1.0+	960724 599	0.6+	1.4+
870828 809	1.7+	1.4-	940207 596	0.6+	0.0	960724 599	1.2+	1.2+
870828 809	1.3+	1.1-	940307 560	0.5+	0.8-	960819 801	1.4+	0.1-
870829 809	1.4-	1.2-	940307 560	0.0	0.4-	960819 801	0.3+	0.5+

(7111)* 1985 QA₁ = 1978 UB₅

Discovered 1985 Aug. 17 by E. F. Helin at Palomar.

Id. E. Bowell (*MPC* 20813)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams			
<i>M</i>	154.92609		(2000.0)	P		Q	
<i>n</i>	0.26417282	ω	324.55825	-0.98938031		-0.13152666	
<i>a</i>	2.4055292	Ω	208.07618	+0.14386767		-0.94678732	
<i>e</i>	0.0768172	<i>i</i>	7.55328	-0.02070472		-0.29375926	
<i>P</i>	3.73	<i>H</i>	13.0	<i>G</i>	0.15	<i>U</i>	2
Residuals in seconds of arc							
781027 675	0.4-	0.2-	890902 675	0.4-	0.5-	931109 675	(1.6- 3.1+)
781028 675	0.0	0.1+	890930 675	0.4-	0.3-	931109 675	1.5+ 1.7+
781029 675	0.4-	0.1-	890930 675	0.1+	0.3+	960611 691	0.7- 0.4+
850816 675	0.7+	0.3-	931013 675	0.1+	1.8-	960611 691	0.5- 0.5+
850816 675	(4.2+ 1.8+)		931013 675	0.3-	1.2-	960611 691	0.4- 0.4+
850817 675	0.1-	0.5-	931015 675	0.0	1.2-	960720 801	0.5+ 0.9-
850817 675	(3.5+ 1.6+)		931019 675	1.4+	1.2+	960720 801	0.2+ 0.4-
850823 675	0.4-	0.4+	931019 675	(0.4- 2.5+)		960816 801	0.4- 0.2+
850823 675	1.3+	1.2+	931021 675	0.4-	0.6+	960816 801	0.3+ 0.1-
890902 675	0.6-	0.2+	931021 675	1.3-	0.9+	960819 801	0.0 0.4-

(7112)* 1986 GV

Discovered 1986 Apr. 3 by C. S. Shoemaker at Palomar.

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams			
<i>M</i>	59.67417		(2000.0)	P		Q	
<i>n</i>	0.21461666	ω	126.11459	-0.50000313		+0.82530158	
<i>a</i>	2.7628698	Ω	111.83954	-0.85728246		-0.42873554	
<i>e</i>	0.1476313	<i>i</i>	16.42325	-0.12273406		-0.36750938	
<i>P</i>	4.59	<i>H</i>	13.2	<i>G</i>	0.15	<i>U</i>	2
Residuals in seconds of arc							
860403 675	0.6-	0.5-	910414 675	1.4-	1.0-	950219 104	0.0 0.4-
860403 675	0.1+	0.7+	910414 675	0.3+	0.3-	950219 104	0.4- 0.6-
860404 675	0.5-	0.3+	910416 675	0.3-	0.1+	950318 292	0.6+ 0.8-
860404 675	0.4+	0.6+	910416 675	0.2+	0.7-	950318 292	0.9+ 0.6+
860405 675	1.1+	0.2+	950219 292	(0.6- 2.3-)		960616 801	1.0+ 1.5-
860504 675	0.4+	0.1+	950219 292	0.3-	1.3-	960720 801	0.6- 0.1+
860505 675	0.5+	1.7+	950219 104	0.2+	0.3-	960720 801	0.3- 1.0+
860509 675	0.4+	1.2+	950219 104	0.6-	0.4-		
860510 675	0.7-	1.6+	950219 104	0.6-	0.4-		

(7113)* 1986 SD₂ = 1986 WE₅ = 1971 TP₂ = 1973 AQ₃

Discovered 1986 Sept. 29 by L. G. Karachkina at the Crimean Astrophysical Observatory.

Id. H. Oishi (*MPC* 17205), H. Kaneda (*MPC* 18810)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams			
<i>M</i>	328.51363		(2000.0)	P		Q	
<i>n</i>	0.19355079	ω	75.74872	+0.92042509		-0.34631798	
<i>a</i>	2.9598708	Ω	304.21125	+0.21648953		+0.83780780	
<i>e</i>	0.0468407	<i>i</i>	12.66636	+0.32549950		+0.42206865	
<i>P</i>	5.09	<i>H</i>	11.6	<i>G</i>	0.15	<i>U</i>	1
Residuals in seconds of arc							
711013 095	0.4-	2.2+	910831 894	0.2+	1.1+	921224 801	0.3- 0.0
730102 095	(3.1+ 2.4+)		910902 046	(1.5- 3.5-)		921224 801	0.2- 0.1+
730104 095	0.1-	0.8-	910902 046	1.7-	1.7-	930120 801	0.5+ 0.2-
860929 095	0.6-	2.0+	910903 046	(2.2- 0.2+)		930120 801	0.6+ 0.1-
861003 095	2.5-	0.3-	910903 046	(2.8- 1.6-)		930127 801	0.0 0.1+

861127 010	2.3-	1.1-	910907 894	0.6+	0.5+	960718 801	1.4+	1.3-
861127 010	(3.5- 0.2+)		910907 894	0.2+	0.1-	960718 801	0.3+	0.4-
861127 010	2.3+	1.1+	910909 894	0.3+	0.3-	960720 801	0.7+	0.2-
910806 675	0.3-	1.2-	910909 894	0.5+	0.9-	960816 801	0.5+	0.2+
910806 675	(0.3+ 2.3-)		921213 596	0.8-	1.1-	960816 801	0.5+	0.2+
910808 675	0.3-	0.1-	921213 596	0.0	0.7-	960818 801	0.3+	0.1+
910808 675	0.0	0.6-	921213 596	0.2+	0.4-	960818 801	0.2+	0.1-
910831 894	0.5+	0.4+	921222 801	0.2-	0.1+			

(7114)* 1986 WN₇ = 1991 RH₁₀

Discovered 1986 Nov. 29 by A. Mrkos at Kleť.

Id. E. Bowell (*MPC* 19298)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams			
<i>M</i>	309.13409		(2000.0)	P		Q	
<i>n</i>	0.17730797	ω	86.39109	+0.78511971		-0.61562624	
<i>a</i>	3.1379827	Ω	311.59227	+0.52618079		+0.72072355	
<i>e</i>	0.1350512	<i>i</i>	5.19821	+0.32668152		+0.31868779	
<i>P</i>	5.56	<i>H</i>	13.2	<i>G</i>	0.15	<i>U</i>	1
Residuals in seconds of arc							
531207 675	0.4-	0.6+	921225 801	0.2+	0.3-	960720 046	0.3- 0.0
531207 675	1.3+	1.3+	921225 801	0.4+	0.3-	960721 046	0.0 0.1-
861129 046	1.5-	2.4-	930119 801	0.8+	0.2-	960721 046	0.1- 0.2-
861129 046	0.8-	1.7-	930119 801	0.8+	0.2-	960721 046	0.2- 0.1-
861204 046	(2.8- 0.4-)		930121 801	0.4+	0.2+	960808 046	0.4+ 0.0
861204 046	2.0-	0.4-	930121 801	0.7+	0.2-	960808 046	0.5+ 0.1+
861207 046	(4.2- 0.7+)		950629 046	0.6-	0.8-	960808 046	0.6+ 0.2+
861207 046	(3.8- 1.2-)		950629 046	0.8-	0.8-	960809 046	0.2+ 0.4+
861209 046	(3.7+ 0.8-)		950629 046	1.1-	1.3-	960809 046	0.5+ 0.2+
861209 046	0.5+	0.4-	960719 046	0.3-	0.1+	960809 046	0.4+ 0.2-
910912 675	0.3+	0.5-	960720 046	0.0	0.1+	960815 046	0.1- 0.2+
910912 675	0.3+	0.1-	960720 046	0.4-	0.2+	960815 046	0.2- 0.1-
910914 675	0.3+	0.4-	960720 046	0.1-	0.1-	960815 046	0.2+ 0.0
910914 675	0.0	1.3+	960720 046	0.4-	0.2+		

(7115)* 1986 WO₇ = 1991 RX₃

Discovered 1986 Nov. 29 by A. Mrkos at Kleť.

Id. H. Kaneda (*MPC* 19298)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams			
<i>M</i>	255.87252		(2000.0)	P		Q	
<i>n</i>	0.17514332	ω	135.45306	-0.09494665		-0.99431205	
<i>a</i>	3.1637852	Ω	319.92207	+0.89114787		-0.06329103	
<i>e</i>	0.1399382	<i>i</i>	4.29848	+0.44366723		-0.08566091	
<i>P</i>	5.63	<i>H</i>	13.3	<i>G</i>	0.15	<i>U</i>	1
Residuals in seconds of arc							
801014 675	(5.6+ 0.9+)		911003 033	0.4+	0.2-	960714 809	(1.3- 4.1-)
861129 046	1.3-	0.9-	911004 033	0.1-	0.6+	960716 809	1.6- 0.7+
861129 046	1.2+	1.3-	911009 033	0.1+	0.8+	960716 809	1.4- 0.7+
861204 046	(3.4- 0.2+)		911009 033	0.4+	0.9+	960716 809	1.5- 0.2-
861204 046	(3.4- 0.6-)		930120 801	0.1+	1.3+	960723 046	0.5- 0.8-
861207 046	2.2-	1.3-	930120 801	0.5-	0.6+	960723 046	0.1+ 0.9-
861207 046	0.5-	0.1-	940503 046	0.7+	0.4+	960723 046	0.2- 0.8-
910912 033	0.4+	0.6+	940503 046	1.5+	0.3+	960806 046	0.6+ 0.8-
910912 033	1.4+	1.0+	940503 046	0.7+	0.8-	960806 046	0.0 0.5-

910914 033	1.6+	1.3+	940507 046	0.4+	0.2+	960806 046	0.4-	0.7-
910915 033	0.3-	1.3+	940507 046	0.4-	0.1-	960808 046	0.0	0.5-
910915 033	1.1+	0.3+	940507 046	0.5-	0.6-	960808 046	0.3-	0.8-
911002 033	0.3+	0.0	960714 809	(0.6+	3.4-)	960808 046	0.3+	0.2-
911002 033	0.3-	0.4+	960714 809	(0.1+	2.9-)			

(7116)* 1986 XX = 1972 YE₁ = 1981 JQ₆ = 1993 VP₄

Discovered 1986 Dec. 2 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Id. B. G. Marsden (*MPC* 22810)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	205.65425		(2000.0)		P		Q
<i>n</i>	0.28011759	ω	100.39863	-0.97240761			-0.18573769
<i>a</i>	2.3133559	Ω	69.01016	+0.10576664			-0.89031471
<i>e</i>	0.0533831	<i>i</i>	8.69578	+0.20793473			-0.41574178
<i>P</i>	3.52	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

560311 675	0.7-	0.5-	931109 010	(0.5+	2.4+)	950504 046	0.2+	0.3-
560311 675	0.2-	0.3-	931109 010	(0.7+	2.2+)	950504 046	0.2+	0.6-
560316 675	0.5+	0.4+	931110 010	1.1-	0.1-	950504 046	0.1+	0.5-
560316 675	0.1-	0.8+	931110 010	1.5-	0.0	950505 010	1.1+	1.9+
721230 095	(2.9+	3.2+)	931110 010	1.7-	0.3-	950505 010	(0.8+	2.1+)
810508 675	0.5-	0.1+	950403 801	0.0	0.6-	950505 010	(0.2+	2.9+)
810509 675	0.3+	0.6-	950403 801	0.0	0.1+	950508 010	(5.6+	3.6+)
861130 801	1.2+	0.3+	950503 046	1.3-	0.1+	950508 010	(4.9+	3.8+)
861202 688	0.9+	0.3-	950503 046	0.4+	0.2+	950508 010	(5.3+	3.7+)
861202 688	0.7+	0.4+	950504 801	0.1-	0.1-			
861206 054	1.4+	0.0	950504 801	0.0	0.1-			

(7117)* 1988 CA₁ = 1991 BA₁

Discovered 1988 Feb. 14 by F. Börngen at Tautenburg.

Id. H. Kaneda (*MPC* 18289)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	224.52847		(2000.0)		P		Q
<i>n</i>	0.30607738	ω	57.77563	-0.98373286			+0.16803232
<i>a</i>	2.1806296	Ω	131.81377	-0.17963622			-0.92155239
<i>e</i>	0.0582711	<i>i</i>	4.88901	+0.00070077			-0.35000905
<i>P</i>	3.22	<i>H</i>	14.8	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

801129 675	0.8+	0.9+	880321 675	0.7-	0.3+	910119 511	1.7-	1.9+
801201 675	1.0-	0.1-	880322 675	0.6-	0.9+	910119 511	1.0+	1.3-
880214 033	1.0+	0.8-	880322 675	0.4-	0.1-	910119 046	1.7+	1.4+
880214 033	0.3+	0.8-	910114 801	0.1+	0.1-	910119 046	(4.7+	1.0-)
880215 033	1.0+	0.1-	910114 801	0.9-	0.2-	950531 596	0.5+	0.0
880215 033	0.2+	0.5-	910116 675	0.8+	0.0	950531 596	0.7+	1.0+
880216 033	0.2-	2.2+	910116 675	0.7-	0.2-	950625 033	0.6-	0.5-
880317 675	0.5-	0.3-	910118 511	1.6-	1.4-	950625 033	0.7-	0.0
880317 675	0.5+	0.9-	910118 511	0.3-	0.1+			
880321 675	0.6-	0.7+	910118 511	1.3+	1.0-			

(7118)* 1988 VD₅ = 1975 TG₄ = 1982 JN₄

Discovered 1988 Nov. 4 by A. Mrkos at Kleť.

Id. H. Kaneda (*MPC* 16029), G. V. Williams (*MPC* 25425)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	233.38138		(2000.0)		P		Q
<i>n</i>	0.22775435	ω	277.82753	-0.45047256			-0.88987977
<i>a</i>	2.6555731	Ω	199.44889	+0.88041807			-0.42939658
<i>e</i>	0.1275443	<i>i</i>	12.49366	+0.14811649			-0.15405382
<i>P</i>	4.33	<i>H</i>	12.8	<i>G</i>	0.15	<i>U</i>	1

Residuals in seconds of arc

530916 675	0.3+	0.1-	950502 801	0.3+	0.1-	950603 691	1.2-	0.1+
530916 675	0.2+	0.4-	950503 046	0.3+	0.1+	960715 566	0.1-	0.6-
751013 095	(0.3+	2.6+)	950503 046	0.0	0.3+	960715 566	0.1+	0.6-
751106 095	(0.1-	3.6+)	950503 046	0.2+	0.1+	960715 566	0.1+	0.8-
820515 095	1.2-	1.7+	950504 801	0.3+	0.2-	960720 046	0.0	0.1+
881016 046	1.3-	2.2+	950504 801	0.3+	0.0	960720 046	0.0	0.1+
881016 046	(0.3+	14.1+)	950527 801	0.7+	0.3-	960720 046	0.1-	0.0
881104 046	(3.0+	1.3+)	950527 801	0.3-	0.0	960722 046	0.3+	0.1-
881104 046	1.7+	0.1+	950528 046	0.1+	0.0	960722 046	0.0	0.0
881105 046	(3.1+	2.2-)	950528 046	0.1-	0.2-	960722 046	0.0	0.0
881105 046	1.9+	0.5-	950528 046	0.3+	0.1-	960819 046	0.0	0.2+
881110 046	1.6-	0.1+	950531 801	0.1+	0.2+	960819 046	0.0	0.0
881110 046	1.1-	0.9+	950531 801	0.1+	0.0	960819 046	0.0	0.0
950425 046	0.6+	0.1-	950603 046	0.4-	0.2+	960820 046	0.2-	0.3+
950425 046	0.4+	0.2+	950603 046	0.4-	0.2+	960820 046	0.3-	0.2+
950425 046	1.3+	0.7+	950603 046	0.2-	0.2+	960820 046	0.1-	0.2+
950502 801	0.3+	0.2-	950603 691	1.2-	0.0			

(7119)* 1989 AV₂

Discovered 1989 Jan. 11 by C. S. Shoemaker at Palomar.

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	296.84788		(2000.0)		P		Q
<i>n</i>	0.08194425	ω	119.29850	+0.65830926			-0.68286298
<i>a</i>	5.2495697	Ω	285.86446	+0.52417448			+0.71785250
<i>e</i>	0.1051087	<i>i</i>	19.22549	+0.54024997			+0.13559475
<i>P</i>	12.03	<i>H</i>	9.8	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

871122 675	0.0	0.5-	900126 675	(0.5+	3.9-)	920330 413	1.0+	1.1-
871122 675	0.3-	0.4-	900128 675	1.4+	1.8-	920331 413	0.3-	0.5-
871123 675	1.2-	0.7+	900128 675	1.3+	0.3+	920404 675	(0.8+	2.6-)
880119 675	0.1-	0.3+	900220 675	0.9-	0.4-	920404 675	(1.2-	2.4-)
880120 675	0.3-	1.1-	900222 675	0.9-	0.8-	960714 801	0.6+	1.1-
880120 675	0.4+	0.4-	900222 675	1.9-	0.6+	960714 801	0.7+	1.1-
890111 675	1.4+	2.2-	900330 675	1.3-	0.6-	960720 801	1.0+	1.3-
890111 675	0.5+	0.3+	900330 675	1.4-	0.7+	960720 801	0.8+	1.1-
890130 675	0.7-	0.4-	910414 675	0.4-	0.1-	960812 801	0.9+	0.7-
890130 675	(0.4+	2.9-)	910414 675	0.7-	0.1+	960816 801	0.3+	1.3-
890307 675	0.0	2.2-	910416 675	(0.9-	3.0-)	960816 801	0.6+	1.0-
890308 675	0.2-	0.1-	910417 675	0.8-	0.4-			

(7120)* 1989 AD₃ = 1977 RJ₂ = 1991 NQ₇ = 1994 BK

Discovered 1989 Jan. 4 by R. H. McNaught at Siding Spring.

Id. G. V. Williams (*MPC* 23123)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5					Williams				
<i>M</i>	292.89296		(2000.0)		P		Q		
<i>n</i>	0.20344217	ω	91.50035		+0.68971961		-0.72393293		
<i>a</i>	2.8631365	Ω	314.88012		+0.65597200		+0.63315546		
<i>e</i>	0.0521387	<i>i</i>	1.16619		+0.30657396		+0.27392567		
<i>P</i>	4.84	<i>H</i>	13.1		<i>G</i>	0.15	<i>U</i>	1	
Residuals in seconds of arc									
541222 675	0.3-	0.3+	940116 098	0.3-	0.5-	940212 675	0.6+	0.4+	
541222 675	0.3+	0.2-	940116 098	0.5-	0.6-	940212 675	0.3+	0.0	
770909 095	0.6+	0.3-	940118 098	0.1-	0.1-	940215 675	0.5+	0.9-	
881229 413	(2.9-	1.7+)	940118 098	0.1+	0.2-	940215 675	0.4+	1.3-	
881229 413	0.3+	0.2+	940123 108	0.9-	0.6-	960718 816	0.1+	0.3+	
890104 413	1.2-	1.0+	940123 108	(3.4-	1.0-)	960718 816	0.1+	0.1+	
890104 413	0.3-	0.3+	940123 108	0.5-	0.5-	960718 816	0.1+	0.1+	
890110 413	0.2+	0.7+	940123 108	0.0	0.5+	960718 816	0.4+	0.3+	
890110 413	0.7+	0.9-	940130 104	1.6+	0.1+	960722 540	0.1-	0.5+	
890112 413	0.8-	1.7+	940130 104	0.3+	0.3+	960722 540	0.6+	0.2+	
890112 413	(4.7+	2.9-)	940130 104	1.4-	0.2-	960722 540	0.4+	0.2-	
890113 413	0.1-	0.9-	940131 104	0.9-	1.7-	960723 566	0.0	0.0	
910715 809	0.3-	0.1-	940131 104	(1.3+	2.3-)	960723 566	0.1-	0.1-	
910715 809	0.0	0.1+	940131 104	0.2+	0.3+	960723 566	0.0	0.1+	
910715 809	0.0	0.1-	940131 104	0.7+	0.8+	960816 566	0.7-	0.0	
910716 809	(0.1+	2.7+)	940131 104	0.1+	1.0+	960816 566	0.7-	0.1+	
910716 809	(0.3+	2.8+)	940210 897	0.8+	1.0+	960816 566	0.6-	0.3-	
910716 809	(0.6+	2.8+)	940210 897	0.0	0.7+				

(7121)* 1989 AL₇ = 1972 TS₇ = 1992 WN₅

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

Id. T. Kobayashi (*MPC* 22226)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5					Williams				
<i>M</i>	355.59774		(2000.0)	P		Q			
<i>n</i>	0.20049562	ω	198.76207	+0.98195060		+0.18785956			
<i>a</i>	2.8911200	Ω	150.38310	-0.16735212		+0.91704921			
<i>e</i>	0.0897083	<i>i</i>	2.54563	-0.08812649		+0.35175210			
<i>P</i>	4.92	<i>H</i>	13.0	<i>G</i>	0.15	<i>U</i>	1		
Residuals in seconds of arc									
721006 095	0.0	0.2+	940210 691	0.3-	1.7-	950529 691	1.1+	0.8+	
871123 675	0.5-	0.1+	940210 691	0.2-	0.6-	950529 691	1.4+	0.6+	
871126 675	0.7-	0.9-	940212 691	0.7-	0.2-	950529 691	0.6+	0.5+	
890110 033	0.4-	0.5+	940212 691	0.8-	0.1-	960714 809	1.1-	1.5-	
890111 033	0.3-	0.2-	940212 691	0.7-	0.2-	960714 809	1.1-	1.7-	
890112 033	0.1-	0.1+	940214 675	0.2-	1.5-	960714 809	(2.3-	1.8-)	
890202 033	(4.4+	2.5-)	940214 675	0.3+	1.8-	960716 809	(2.1+	1.7-)	
890204 033	0.9+	0.3-	940214 033	0.8-	0.0	960716 809	1.4+	1.7-	
921125 675	1.4+	0.7-	940215 033	0.7+	0.6-	960716 809	1.1+	1.8-	
921125 675	1.0+	0.0	940216 033	0.2-	0.1-	960721 113	0.1-	0.1+	
921127 372	0.3+	0.4-	940216 691	0.7-	0.2+	960721 113	0.5-	0.2+	
921127 372	0.4+	0.4-	940216 691	1.0-	0.1+	960721 113	0.1-	0.0	
921128 675	1.0+	0.2+	940216 691	0.8-	0.1+	960722 113	(3.9-	3.2-)	
921128 675	0.9+	0.2+	940219 691	0.7-	0.1+	960722 113	(3.9-	2.2-)	
921201 372	0.3-	1.2+	940219 691	0.7-	0.1+	960722 113	(3.9-	3.3-)	
921201 372	1.9-	1.8+	940219 691	0.7-	0.0	960818 801	0.0	0.8-	
921203 372	(14.1+	0.6+)	940304 033	0.1-	0.3-	960818 801	0.2+	0.1-	

921203 372	(14.3+	0.1+)	940304 033	0.1-	0.0	960820 566	0.3+	0.2-	
940118 033	1.1-	0.1-	940314 675	1.2+	0.9-	960820 566	0.3+	0.2-	
940118 033	1.3+	0.8+	940314 675	0.9+	0.8-	960820 566	0.4+	0.3-	

(7122)* 1989 EN₂ = 1983 NQ = 1992 CC₂

Discovered 1989 Mar. 12 by K. Endate and K. Watanabe at Kitami.

Id. G. V. Williams (*MPC* 20016)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5					Williams				
<i>M</i>	72.92990		(2000.0)		P		Q		
<i>n</i>	0.30530604	ω	282.95605		-0.07277332		+0.99731346		
<i>a</i>	2.1843009	Ω	342.86401		-0.90369727		-0.06948419		
<i>e</i>	0.1841486	<i>i</i>	1.62609		-0.42194228		-0.02319070		
<i>P</i>	3.23	<i>H</i>	14.0		<i>G</i>	0.15	<i>U</i>	2	
Residuals in seconds of arc									
830711 688	0.5-	1.4-	920204 675	0.2-	0.5+	950201 560	(2.2-	0.0)	
830711 688	1.3+	1.2-	920212 303	(0.2+	2.9-)	950204 560	1.6-	1.3-	
890312 400	(4.9+	1.7-)	920213 303	(0.2+	2.8-)	950204 560	0.4+	0.6-	
890312 400	(5.0+	1.6-)	920227 675	0.1+	0.3-	950204 560	1.9+	0.7+	
890312 400	(5.8+	3.1-)	920227 675	0.8+	1.2-	960718 801	0.1+	0.9-	
890326 400	2.0+	1.8+	920228 675	0.0	0.3+	960718 801	0.3-	0.6+	
890326 400	1.8+	0.3+	920228 675	0.2+	0.3-	960720 801	0.1-	1.1-	
890326 400	1.2+	0.6-	931012 801	0.0	0.3+	960720 801	0.3-	0.6-	
890406 400	(2.8+	3.7-)	931012 801	0.1+	0.5+	960815 566	0.4-	0.7+	
890406 400	(4.7+	2.8-)	950128 385	0.2-	0.8-	960815 566	0.4-	0.9+	
890406 400	1.3-	0.3-	950128 385	0.0	1.0-	960815 566	0.5-	0.9+	
890406 400	0.5-	1.2+	950131 560	0.9+	0.3+	960818 801	0.3-	0.3-	
890412 400	(8.2+	3.0-)	950131 560	0.3+	0.2+	960818 801	0.4+	0.5+	
890412 400	0.1-	0.3-	950131 560	1.4-	1.1+	960819 801	0.2+	0.6+	
890428 400	0.3-	1.4+	950201 560	0.3-	0.3-	960819 801	0.4+	0.7+	
890428 400	1.8-	0.8-	950201 560	1.7-	0.4+				

(7123)* 1989 TT₁ = 1978 WQ₁₄ = 1978 WR₁₅

Discovered 1989 Oct. 9 by T. Hioki and N. Kawasato at Okutama.

Id. S. J. Bus (*MPC* 19026), G. V. Williams (d, *ibid.*)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams				
<i>M</i>	287.08587		(2000.0)	P		Q		
<i>n</i>	0.26425172	ω	206.04709	+0.34682972		-0.93590277		
<i>a</i>	2.4050503	Ω	223.73314	+0.87534839		+0.34657966		
<i>e</i>	0.1021064	<i>i</i>	5.11266	+0.33685954		+0.06299642		
<i>P</i>	3.73	<i>H</i>	13.7	<i>G</i>	0.15	<i>U</i>	2	
Residuals in seconds of arc								
781128 330	(3.8+	1.3+)	891029 877	0.6-	1.4-	931115 411	0.8-	0.7-
781130 675	0.3+	1.0-	891029 877	0.9-	0.6+	931115 411	0.6-	0.1-
781201 675	0.0	0.5-	891101 877	0.8+	1.0+	931117 801	0.3+	0.1+
890924 809	0.2+	0.0	891101 877	(2.6-	4.0+)	931117 801	1.1+	0.2+
890924 809	0.9+	0.1-	891102 877	(3.2+	3.6+)	931204 411	0.0	0.3+
890924 809	1.6+	0.0	891104 877	(3.2+	0.5-)	931204 411	0.4+	0.7+
890925 809	1.3-	0.5+	891104 877	0.7+	0.9-	931204 411	0.1-	0.2+
890925 809	0.6-	0.4+	891124 675	0.0	0.2+	960517 691	1.6-	0.5+
890925 809	0.3-	0.4+	891124 675	0.2-	0.4+	960517 691	0.8-	0.5+
890926 809	0.9-	0.1+	931013 801	0.0	0.2-	960517 691	0.8-	0.5+
890926 809	0.4-	0.3+	931013 801	0.1-	0.2-	960714 801	0.3+	0.3-
890926 809	0.1+	0.4+	931019 801	0.9+	0.1-	960714 801	0.5+	0.1-

891009 877 (4.1+ 2.1+)Y	931019 801 0.0 0.1+	960720 801 1.0+ 0.7-
891009 877 (3.8+ 2.3+)Y	931111 801 0.4+ 0.1+	960720 801 0.7+ 0.8-
891025 877 (2.9+ 0.1+)	931111 801 0.2+ 0.0	960816 801 0.7+ 0.0
891025 877 (4.8+ 0.4-)	931113 596 0.5+ 1.0-	960816 801 0.5+ 0.2-
891026 385 0.4- 0.9+	931113 596 1.1+ 1.7-	960820 104 0.2- 0.1-
891026 385 (3.3- 1.8-)	931113 596 0.3+ 0.5-	960820 104 0.2- 0.3-
891029 385 (1.9- 2.8+)	931115 376 1.7- 0.8+	960820 104 0.3- 0.4-
891029 385 0.1+ 0.4+	931115 376 1.8- 0.6+	

(7124)* 1990 OJ₄ = 1984 MO = 1993 AC

Discovered 1990 July 24 by H. E. Holt at Palomar.

Id. T. Urata (*MPC* 21574)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.17739327	ω	57.83357	+0.84127073	+0.44498416		
<i>a</i>	3.1369767	Ω	274.08260	-0.53823883	+0.74258974		
<i>e</i>	0.0421331	<i>i</i>	17.92591	+0.05062135	+0.50054927		
<i>P</i>	5.56	<i>H</i>	11.0	<i>G</i>	0.15	<i>U</i>	1

Residuals in seconds of arc

840627 323 0.7+ 0.5+	921226 385 0.3- 0.4+	930225 801 0.4+ 1.0-
840628 323 (4.8- 63.3+)	921226 885 0.8- 1.2-	950429 689 0.6- 0.0
900724 675 0.1+ 0.6-	921226 885 0.0 0.0	950430 689 1.4- 0.3+
900724 675 0.1+ 0.5-	921230 385 1.5- 0.2-	960718 801 0.6+ 1.0-
900728 675 0.8+ 1.6-	921230 385 1.0+ 0.3+	960718 801 0.6+ 0.5-
900728 675 1.0+ 0.7-	930102 385 0.3- 0.3+	960720 801 0.8+ 0.3-
900730 675 0.2+ 1.3-	930102 385 1.0- 0.8-	960818 801 0.0 0.7+
910916 691 0.8- 0.7+	930221 801 0.2+ 1.1-	960818 801 0.1+ 0.6+
910916 691 0.8- 0.6+	930221 801 0.1+ 1.0-	960819 801 0.2+ 0.2+
910916 691 0.8- 0.8+	930225 801 0.6+ 1.3-	960819 801 0.3+ 0.1+

(7125)* 1991 CN₁ = 1980 GW₁

Discovered 1991 Feb. 7 by T. Seki at Geisei.

Id. S. Nakano (*MPC* 18126)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.26306701	ω	328.04113	-0.92843987	-0.37141787		
<i>a</i>	2.4122656	Ω	190.16293	+0.34857499	-0.86457543		
<i>e</i>	0.1162543	<i>i</i>	2.25434	+0.12843242	-0.33846432		
<i>P</i>	3.75	<i>H</i>	14.1	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

800408 675 0.4- 0.2+	910309 372 0.5+ 1.8+	950403 372 0.2+ 0.3-
800409 675 0.4+ 0.3-	910309 372 1.3- 1.8+	950403 372 0.8- 0.2-
910117 675 0.7- 0.5-	910312 372 0.2- 0.8+	950426 801 0.5- 0.0
910117 675 0.9- 1.1-	910312 372 0.1- 0.2-	950426 801 0.6- 0.0
910207 372 1.6+ 0.8-	931115 372 (0.1- 3.7+)	960714 809 0.2- 0.4+
910207 372 2.1+ 0.2-	950306 372 0.6+ 0.7+	960714 809 0.5- 0.4+
910210 372 0.3- 0.1-	950306 372 0.5+ 1.0+	960714 809 1.3- 0.0
910210 372 1.6+ 0.4-	950308 372 0.6+ 0.8-	960815 566 0.3+ 0.3+
910212 372 1.3- 1.0-	950308 372 0.9+ 0.3+	960815 566 0.6+ 0.3+
910212 372 0.8- 0.5-	950311 596 1.1- 0.3-	960815 566 0.4+ 0.2+
910216 372 0.7+ 0.5+	950311 596 0.2- 0.6-	
910216 372 0.3- 1.9+	950311 596 0.2+ 1.2-	

(7126)* 1991 GJ₄ = 1990 BT₄ = 1992 OH₁₀

Discovered 1991 Apr. 8 by E. W. Elst at the European Southern Observatory.

Id. K. Kinoshita (*MPC* 24741)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.20543856	ω	107.45379	+0.84618279	+0.53270452		
<i>a</i>	2.8445577	Ω	220.36098	-0.49684336	+0.77905214		
<i>e</i>	0.0719599	<i>i</i>	1.25313	-0.19266903	+0.33061104		
<i>P</i>	4.80	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>	1

Residuals in seconds of arc

881007 675 0.5- 0.2+	910419 675 0.1- 0.1-	950131 691 0.8+ 0.4+
881007 675 0.3- 1.0+	910419 675 0.8+ 0.0	950131 691 0.9+ 0.4+
900124 033 0.9+ 1.1+	920724 809 (5.7+ 0.3+)	950131 691 0.4+ 0.3+
900125 033 0.1- 1.1+	920724 809 (6.0+ 0.3+)	950207 691 0.9- 0.3+
910408 809 1.0+ 0.9+	920724 809 (6.3+ 0.7+)	950207 691 0.0 0.2-
910408 809 0.8+ 0.1+	920726 809 2.0+ 0.3-	950207 691 0.3- 0.5+
910408 809 0.3- 0.3-	920726 809 (2.4+ 0.5-)	960417 809 0.9- 0.1+
910410 809 0.7+ 0.5+	920726 809 (2.7+ 0.6-)	960417 809 0.4- 0.2-
910410 809 0.1+ 0.4+	920727 809 1.3- 0.6+	960417 809 1.2- 0.0
910410 809 0.4- 0.2+	920727 809 0.8- 0.9+	960418 809 0.6+ 1.5+
910419 809 1.2+ 0.3+	920727 809 0.1- 0.8+	960418 809 0.1+ 1.3+
910419 809 (2.4- 1.3+)	920728 809 0.7- 0.6+	960418 809 0.4+ 0.9+
910419 809 0.6- 0.9+	920728 809 0.2- 0.6+	960510 369 (2.3+ 1.6-)
910419 809 1.1- 0.6-	920728 809 0.7+ 0.8+	960510 369 0.2- 1.7-
910419 809 0.9- 0.7-	931116 399 0.0 1.2-	960510 369 1.2+ 1.8-
910419 809 1.0- 0.9-	931116 399 0.1- 1.0+	960510 369 (0.2- 2.2-)

(7127)* 1991 RD₃ = 1989 EA₄

Discovered 1991 Sept. 9 by F. Börngen and L. D. Schmadel at Tautenburg.

Id. T. Kobayashi (*MPC* 24105)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.18293467	ω	32.91501	-0.46390046	+0.88275958		
<i>a</i>	3.0733029	Ω	209.64339	-0.84182472	-0.46541911		
<i>e</i>	0.2319813	<i>i</i>	8.64879	-0.27591215	-0.06419167		
<i>P</i>	5.39	<i>H</i>	13.7	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

890302 809 0.9+ 0.2+	950416 292 (1.8- 2.8+)	960805 611 0.2- 0.5-
890302 809 0.2- 0.1+	950502 113 0.4+ 0.5-	960808 611 0.2+ 0.1-
890302 809 0.2+ 0.1+	950502 113 0.8- 0.4-	960809 611 0.7+ 0.5+
890303 809 0.4- 1.3+	950503 113 0.3+ 0.4-	960810 611 0.9- 0.1+
890303 809 0.1- 0.2+	950503 113 0.8- 0.1-	960817 611 0.3- 0.0
890303 809 0.1- 0.5-	950528 113 0.4+ 0.5+	960817 611 0.1- 0.3-
910909 033 0.1- 0.5-	950528 113 0.7+ 0.8+	960817 611 0.0 0.4-
910910 033 0.4- 0.0	960718 611 0.0 0.8+	960817 611 0.4- 0.6-
910912 033 0.2+ 0.3-	960718 611 0.6- 0.1+	960818 816 0.1+ 0.0
910912 033 0.0 0.0	960719 611 0.7- 0.8+	960818 816 0.4+ 0.1-
910913 033 0.4- 0.1+	960720 611 0.1- 1.6+	960818 816 0.1+ 0.1-
910914 033 0.7+ 0.4-	960722 611 0.7- 0.0	960818 816 0.4+ 0.3+
911004 033 0.5+ 0.2+	960723 611 0.1- 0.3+	960819 611 0.2- 0.1+
911004 033 0.8+ 0.2+	960804 611 0.3+ 0.2+	960819 611 0.3- 0.2+
911005 033 1.2- 0.4+	960804 611 0.8+ 1.2-	
950416 292 (1.0+ 2.4+)	960805 611 0.7+ 0.0	

(7128)* 1991 SM₁ = 1969 TL₅ = 1980 TX₈ = 1986 XY

Discovered 1991 Sept. 30 by K. Endate and K. Watanabe at Kitami.

Id. H. Kaneda (*MPC* 19316)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Nakano

<i>M</i>	359.10481		(2000.0)	P	Q
<i>n</i>	0.17861676	ω	100.76345	+0.92959456	+0.36638835
<i>a</i>	3.1226351	Ω	237.75448	-0.35400803	+0.85717157
<i>e</i>	0.2108377	<i>i</i>	2.72221	-0.10262682	+0.36196197
<i>P</i>	5.52	<i>H</i>	12.8	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

691015 095	(6.4- 3.7+)	910916 675	0.2- 1.7-	950527 400	0.1- 0.2-
691017 095	(1.9- 3.1+)	910916 675	0.3- 1.4-	950528 400	0.3+ 0.4-
801013 095	0.5- 1.4+	910916 095	(4.7- 4.9+)	950528 400	0.1- 0.2-
861202 688	1.6- 0.5+	910916 095	(1.6- 3.0+)	960720 801	0.4- 0.5-
861202 688	1.0+ 0.9-	910930 400	2.2+ 1.0+	960720 801	0.5- 0.6-
910910 675	1.3+ 0.5-	910930 400	1.5+ 0.0	960816 801	0.1- 0.6+
910910 675	(0.7- 2.4-)	911005 400	0.5+ 0.9-	960816 801	0.2+ 1.0+
910911 402	0.5+ 0.4-	911005 400	0.4- 0.2-	960819 801	0.2+ 0.1+
910911 402	0.8- 1.7+	911016 095	1.6- 1.6+	960819 801	0.0 0.1-
910914 675	0.8- 0.9-	911105 095	0.5+ 0.5+		
910914 675	1.0- 0.9-	950527 400	0.0 0.0		

(7129)* 1991 VE₁ = 1982 UM₉ = 1986 UN₁

Discovered 1991 Nov. 4 by S. Ueda and H. Kaneda at Kushiro.

Id. H. Kaneda (*MPC* 19518)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Nakano

<i>M</i>	80.41866		(2000.0)	P	Q
<i>n</i>	0.21888422	ω	110.77119	+0.97405227	+0.13361774
<i>a</i>	2.7268406	Ω	241.94181	-0.18462121	+0.93595762
<i>e</i>	0.1369650	<i>i</i>	11.94654	+0.13090909	+0.32577542
<i>P</i>	4.50	<i>H</i>	12.9	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

540702 675	0.4+ 0.6-	911105 399	1.1- 0.4-	950924 801	1.0+ 0.2-
540702 675	0.5- 0.7-	911111 399	1.2+ 0.0	950924 801	0.0 0.2+
821021 095	1.9+ 2.1-	911111 399	1.1+ 0.2-	950928 801	0.2- 0.3+
821022 095	0.8- 0.1-	911204 399	0.8- 1.2+	950928 801	0.1+ 0.1-
861027 010	(0.3- 3.0-)	911204 399	0.1- 0.4-	951110 327	1.0- 0.3+
861027 010	(4.6- 3.2-)	911207 399	0.4+ 0.6+	951110 327	0.4+ 0.1-
861027 010	(1.6+ 5.0-)	911207 399	0.2+ 0.7-	951110 327	0.7- 0.5+
861028 010	(6.2+ 1.0-)	950824 801	0.4+ 0.2-	951111 327	1.8- 0.9+
911104 399	0.3- 0.2-	950824 801	0.4+ 0.1-	951111 327	1.1- 0.7+
911104 399	1.4- 0.4-	950826 801	0.3+ 0.0	951111 327	0.1+ 0.3+
911105 399	0.2+ 0.4+	950826 801	0.1+ 0.1-		

(7130)* 1992 HR₄ = 1985 GZ

Discovered 1992 Apr. 30 by F. Börngen at Tautenburg.

Id. G. V. Williams (*MPC* 21582)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	86.13452		(2000.0)	P	Q
<i>n</i>	0.28573679	ω	130.80001	-0.11304336	+0.99116909
<i>a</i>	2.2829265	Ω	132.56647	-0.93759512	-0.08332297
<i>e</i>	0.1542496	<i>i</i>	5.40064	-0.32884127	-0.10315579
<i>P</i>	3.45	<i>H</i>	14.3	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

540523 675	1.4- 0.5-	920504 033	0.2+ 0.1-	931112 033	0.0 0.1+
540523 675	1.3+ 1.6-	920505 033	0.8+ 0.8-	931112 033	0.4+ 0.3+
850415 688	1.9- 2.0+	920506 033	0.1+ 0.3-	950203 033	0.1+ 0.7+
850415 688	0.4+ 0.4-	920523 033	0.1- 0.1-	950207 691	0.5- 0.6-
850424 688	0.3+ 2.5+	920524 033	0.4- 0.7+	950207 691	0.1- 0.6-
850424 688	(2.8+ 0.4-)	920524 033	0.2- 0.2+	950207 691	0.4- 0.6-
890729 675	0.1+ 0.0	920525 033	0.0 0.4-	950304 033	1.0+ 0.3-
890729 675	0.8- 0.3-	920526 033	0.1+ 0.1-	950304 033	0.2- 0.1+
920430 033	0.8+ 0.1-	920527 033	0.7+ 0.0		
920501 033	0.7- 0.0	920528 033	0.2+ 0.0		

(7131)* 1992 YL = 1969 VW₁ = 1982 BV

Discovered 1992 Dec. 23 by A. Natori and T. Urata at the JCPM Yakiimo

Station.

Id. T. Urata (*MPC* 21599)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Nakano

<i>M</i>	318.05689		(2000.0)	P	Q
<i>n</i>	0.17466568	ω	286.40822	+0.95842187	-0.08627543
<i>a</i>	3.1695504	Ω	79.16552	+0.20125533	+0.88012118
<i>e</i>	0.1816473	<i>i</i>	16.07746	-0.20229634	+0.46684393
<i>P</i>	5.64	<i>H</i>	11.4	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

531210 675	0.3- 0.1-	940311 887	0.6+ 0.6+	950504 801	0.0 0.4+
531210 675	0.0 0.5-	940311 887	0.2+ 0.2+	950504 657	0.1+ 0.2+
691115 095	(7.2+ 1.2-)	940311 887	0.5- 0.7+	950504 657	0.3+ 0.3-
820118 688	0.8+ 0.4-	950403 801	0.3+ 0.1-	950504 657	0.4- 0.3+
820118 688	0.3+ 2.0-	950403 801	0.4+ 0.2-	950506 385	0.0 0.5+
820120 095	0.1- 0.3+	950420 905	0.9- 0.4-	950506 385	0.5- 0.3+
921223 885	0.9- 0.7+	950420 905	0.2- 0.8+	950517 887	0.2- 0.5-
921223 885	(2.9- 0.2+)	950502 801	0.1- 0.0	950517 887	0.1+ 0.6-
921224 885	0.7+ 0.1-	950502 801	0.1- 0.0	950517 887	0.2+ 0.8-
921224 885	0.9+ 0.0	950502 801	0.1- 0.1+	950517 887	0.5+ 0.7-
930102 885	0.6- 0.2+	950502 801	0.1- 0.1+	950527 385	0.6+ 0.2-
930102 885	0.8- 0.6+	950504 801	0.0 0.4+	950527 385	0.0 0.0

(7132)* 1993 SE = 1936 HN = 1954 OX

Discovered 1993 Sept. 17 by A. Vagnozzi at Santa Lucia Stroncone.

Id. G. V. Williams (*MPC* 24745)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	102.60343		(2000.0)	P	Q
<i>n</i>	0.28103845	ω	244.78384	-0.89325949	+0.44558148
<i>a</i>	2.3082998	Ω	321.59876	-0.37020772	-0.80427016
<i>e</i>	0.2112993	<i>i</i>	5.50007	-0.25501712	-0.39320053
<i>P</i>	3.51	<i>H</i>	13.5	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

360427 078	(2.5+ 7.0-)X	930923 595	0.8- 0.5+	950206 589	0.1+ 0.4+
540731 675	1.1- 0.2-	930923 595	0.0 0.9+	950206 589	0.2+ 0.3+
540731 675	1.2+ 0.1-	930923 595	0.9- 0.3-	950220 589	0.0 1.5+
930917 589	0.7+ 0.5+	931012 589	0.5- 0.0	950220 589	0.1- 0.9+
930917 589	0.6+ 0.1+	931012 589	0.1- 0.2+	950228 589	0.8+ 0.1+
930917 589	0.6+ 0.0	931012 589	0.1+ 1.0-	950228 589	0.4- 0.8+
930917 589	0.3+ 0.2+	931012 589	0.3+ 0.1-	950228 589	0.6+ 0.1+

930917 589	0.3+	0.1+	931117 589	0.9-	0.6+	950307 589	0.1-	0.1-
930917 589	0.6+	0.0	931117 589	0.7-	0.3+	950307 589	0.7-	0.1+
930919 589	0.5+	0.7+	931117 589	0.5-	0.2-	950320 589	0.8+	0.8-
930919 589	0.2-	0.2-	931117 589	0.5-	0.7-	950320 589	0.9+	0.5+
930919 589	0.7+	0.6+	950129 589	0.2+	0.2+	960712 589	0.6-	0.5+
930920 589	0.2+	0.1-	950129 589	1.0-	0.3+	960712 589	0.4-	0.4+
930920 589	0.0	0.2-	950201 589	0.2-	0.1+	960713 589	0.5-	1.0+
930920 589	0.4+	0.9-	950201 589	0.1-	0.1+	960713 589	1.3-	1.1+
930922 589	0.2-	0.5-	950201 589	0.2-	0.1+	960720 711	0.1-	0.4+
930922 589	0.2-	0.4-	950201 589	0.3+	0.3-	960720 711	0.1-	0.4+
930922 589	0.7-	0.4-	950202 589	0.5-	0.1-	960817 566	0.4+	0.1+
930923 589	0.0	0.4-	950202 589	0.1-	0.5+	960817 566	0.5+	0.3+
930923 589	0.6+	0.5-	950202 589	0.4-	0.2+	960817 566	0.3+	0.5+
930923 589	0.8+	0.1+	950206 589	0.0	0.4+			

(7133)* 1993 TX₁ = 1978 TR₄ = 1992 KR

Discovered 1993 Oct. 15 by K. Endate and K. Watanabe at Kitami.

Id. S. Nakano (*MPC* 22818)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	91.07063		(2000.0)	P	Q
<i>n</i>	0.26564037	ω	41.99258	-0.56785653	+0.82091191
<i>a</i>	2.3966613	Ω	193.76806	-0.80647648	-0.56954525
<i>e</i>	0.1161186	<i>i</i>	14.69044	-0.16472596	-0.04149524
<i>P</i>	3.71	<i>H</i>	12.7	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

781007 095	(4.3+	3.4+)	931020 400	2.1+	1.1+	950328 801	0.0	0.2+
920531 675	0.6+	0.4+	931020 400	(0.8-	4.1-)	950328 801	0.2-	0.1-
920531 675	0.1+	0.2-	931021 809	0.1-	0.4-	950330 801	0.4-	0.1-
920602 675	0.4-	1.1-	931021 809	0.1-	0.1-	950330 801	0.3-	0.0
920602 675	0.5-	2.1-	931021 809	1.0-	0.5-	960714 801	0.2-	0.3-
931015 400	1.3-	0.6+	931111 400	1.0+	1.3-	960714 801	0.3-	0.5-
931015 400	(3.9-	2.7-)	931111 400	1.0+	0.1-	960720 801	0.2-	1.1-
931016 400	0.2+	0.7-	950303 400	0.0	1.5-	960720 801	0.1-	1.1-
931016 400	0.4+	1.2+	950303 400	0.0	1.7-	960812 801	0.1-	0.3-
931020 809	0.4-	1.4-	950305 400	0.0	1.3-	960812 801	0.3+	0.1-
931020 809	0.0	1.7-	950305 400	0.9-	2.2-	960816 801	0.8+	0.1+
931020 809	0.6-	1.4-	950327 801	0.1+	0.3+	960816 801	0.3+	0.5-

(7134)* 1993 UY

Discovered 1993 Oct. 24 by T. Kobayashi at Oizumi.

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	79.47353		(2000.0)	P	Q
<i>n</i>	0.26167692	ω	24.78413	-0.29478917	+0.94278954
<i>a</i>	2.4208011	Ω	228.48201	-0.90773318	-0.32720048
<i>e</i>	0.1797178	<i>i</i>	12.00327	-0.29852943	+0.06393536
<i>P</i>	3.77	<i>H</i>	11.9	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

540211 675	0.3+	0.2+	931122 411	0.1+	0.2+	950112 411	0.3+	0.3+
540211 675	0.3-	0.4+	931207 411	1.0+	1.7+	950112 411	0.1+	0.1+
931024 411	0.1-	0.3+	931207 411	1.1+	1.4+	950112 411	0.3+	0.7-
931024 411	0.4+	1.1-	931207 411	0.3+	1.4+	950208 411	0.1-	0.3-
931025 411	0.5+	0.7-	931211 411	0.6+	0.8-	950208 411	0.3-	0.7-
931025 411	0.5+	0.1+	931211 411	0.9+	0.1+	950222 411	0.2-	0.1-

931025 411	0.0	0.7+	931211 411	0.3+	1.3+	950222 411	0.2+	0.6-
931026 411	0.9-	0.4-	941115 411	0.3+	1.2-	960718 801	0.1+	0.4-
931026 411	0.5-	1.2-	941115 411	1.0-	1.6-	960718 801	0.3+	0.5+
931111 399	1.7-	0.8-	941115 411	0.6-	1.2-	960720 801	0.1-	1.1-
931111 399	1.4-	1.0-	941203 411	1.6-	1.1-	960720 801	0.4-	2.0-
931114 411	0.0	0.4-	941203 411	1.3-	0.2+	960816 801	0.0	0.4-
931114 411	0.0	0.4-	941203 411	0.9-	0.0	960816 801	0.4+	0.5-
931114 411	0.2+	0.3+	950110 411	0.2+	0.8-	960818 801	0.2+	0.9-
931122 411	0.2-	1.0+	950110 411	0.5+	0.1+	960818 801	0.4+	0.7-
931122 411	0.1-	0.6+	950110 411	0.1+	0.4-			

(7135)* 1993 VO = 1995 DW₁₁

Discovered 1993 Nov. 5 by Y. Shimizu and T. Urata at the Nachi-Katsuura Observatory.

Id. T. Urata (*MPC* 25069)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	279.59604		(2000.0)	P	Q
<i>n</i>	0.25100837	ω	177.94143	+0.89921270	-0.43405135
<i>a</i>	2.4889180	Ω	207.98862	+0.39971858	+0.86607339
<i>e</i>	0.2172171	<i>i</i>	6.72023	+0.17788081	+0.24802483
<i>P</i>	3.93	<i>H</i>	13.7	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

890902 675	0.0	0.6+	931114 905	0.2+	0.1-	950226 385	0.3+	1.6-
890902 675	0.6+	0.3-	931114 905	1.6-	1.0+	950311 385	0.1-	1.5-
890930 675	0.0	0.5-	931115 385	0.2-	0.1+	960426 711	0.1+	0.9-
890930 675	0.2-	1.2-	931115 385	0.6+	0.1+	960426 711	0.1+	0.9-
931010 675	0.1+	1.2-	931115 385	0.0	0.6+	960515 385	0.2-	1.3+
931010 675	0.9+	2.1-	931121 385	1.7-	0.1-	960515 385	0.3+	0.5-
931012 809	(1.3+	3.0+)	931121 385	1.7-	0.5-	960515 385	0.1-	0.1+
931012 809	(1.3+	3.3+)	931205 385	0.4-	0.2+	960522 385	0.4+	0.9-
931012 809	(0.7+	2.5+)	931205 385	0.8+	0.1+	960522 385	0.8-	0.5-
931013 675	0.7+	0.9-	931205 385	0.3+	0.4+	960522 385	0.8-	0.1+
931022 809	(2.4+	0.4-)	931211 385	0.0	0.0	960528 711	0.9-	0.1+
931022 809	1.2+	0.5-	931211 385	0.5+	0.1-	960528 711	0.2-	0.1-
931022 809	(2.5-	0.2+)	931218 385	0.4-	0.5+	960622 711	0.4+	0.5+
931105 905	0.1+	0.1+	931218 385	0.3+	0.1-	960622 711	0.6+	0.6+
931105 905	0.3+	0.2+	931218 385	0.1-	0.2-	960626 711	0.4+	0.5+
931105 905	0.2+	0.1+	940102 385	0.6+	1.0+	960626 711	0.5+	0.8+
931114 385	0.2+	0.2+	940102 385	0.8-	1.5+	960720 711	0.3-	0.0
931114 385	0.4+	0.0	940102 385	1.8-	0.2-	960720 711	0.2-	0.0
931114 385	0.6+	0.3+	950226 385	0.8-	1.1-			

(7136)* 1993 VK₂ = 1995 CO₁₀

Discovered 1993 Nov. 14 by H. Shiozawa and T. Urata at Fujieda.

Id. T. Urata (*MPC* 24899)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	330.12814		(2000.0)	P	Q
<i>n</i>	0.23602116	ω	255.17967	+0.88442260	+0.38409602
<i>a</i>	2.5931965	Ω	81.65735	-0.25316031	+0.87202777
<i>e</i>	0.1411515	<i>i</i>	15.54018	-0.39205424	+0.30337735
<i>P</i>	4.18	<i>H</i>	12.9	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

510908 675	0.8+	0.8-	931207 887	0.2+	0.1-	950226 385	0.0	0.6+
510908 675	0.0	0.5-	931207 887	0.3+	0.1+	950226 385	0.4+	0.2+
931114 898	0.4-	0.4-	931207 887	0.8+	0.0	950311 385	0.0	1.1-
931114 898	1.0-	0.1-	931211 887	0.0	0.2-	950311 385	0.3-	0.8-
931115 868	0.7-	1.3-	931211 887	0.3+	0.5-	960515 385	0.6+	0.5-
931115 868	(1.1-	3.1-)	931211 887	0.1-	0.1-	960515 385	0.9+	0.6-
931116 868	0.5-	0.1+	931212 385	0.1+	0.3-	960515 385	0.9+	0.4-
931116 868	0.0	1.1+	931212 385	0.1+	0.3-	960522 385	0.2+	0.4-
931118 385	0.7+	0.3+	931212 385	0.0	0.5-	960522 385	0.0	0.3-
931118 385	0.0	0.6+	940107 385	0.1-	0.1+	960522 385	0.0	0.4-
931118 385	0.5+	0.8+	940107 385	0.0	0.3+	960614 566	0.3-	0.3-
931121 385	0.5-	0.6+	940107 385	0.1+	0.4+	960614 566	0.8-	0.4-
931121 385	0.1-	0.1+	940129 385	0.6+	1.3-	960614 566	0.7-	0.3-
931121 385	0.1-	0.2+	940129 385	0.1+	0.5-	960616 816	0.0	0.5+
931123 385	0.1-	0.6+	940129 385	1.1+	1.0-	960616 816	0.3-	0.6+
931123 385	0.3-	0.6+	940209 385	0.4+	0.1-	960616 816	0.1-	0.6+
931123 385	0.6-	0.6+	940209 385	0.2-	0.2+	960621 385	0.2-	0.6+
931205 385	0.1+	0.1+	940209 385	0.7-	0.5-	960621 385	0.1-	0.5+
931205 385	0.3+	0.0	950211 385	0.1+	0.6+	960621 385	0.1-	0.6+
931205 385	0.0	0.1-	950211 385	0.0	0.5+			

(7137)* 1994 AQ₁ = 1978 RX₄ = 1979 YT₈ = 1987 QY₅

Discovered 1994 Jan. 4 by S. Otomo at Kiyosato.

Id. S. Harada (*MPC* 23242), S. Nakano (*ibid.*)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	227.57539		(2000.0)	P	Q
<i>n</i>	0.20904257	ω	160.91171	-0.07495151	-0.99629195
<i>a</i>	2.8117685	Ω	293.36845	+0.90881078	-0.05081147
<i>e</i>	0.0627466	<i>i</i>	2.63766	+0.41042081	-0.06943015
<i>P</i>	4.71	<i>H</i>	13.0	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

551025 675	0.3+	1.5+	920903 095	0.5-	0.8-	940119 894	0.5-	0.7+
551025 675	0.1-	0.8-	920903 095	1.0+	1.1+	940119 894	1.1-	0.7+
780906 095	0.8+	0.7+	921021 675	0.3+	0.7-	960715 566	0.1-	0.1+
791224 095	(4.5-	2.5-)	921021 675	0.6+	0.1-	960715 566	0.1-	0.2+
870830 809	0.3-	0.3+	940104 894	0.9+	0.7+	960715 566	0.1-	0.2+
870830 809	1.3+	0.6+	940104 894	0.0	0.4+	960815 566	0.2+	0.7+
870830 809	0.2-	0.7-	940109 894	0.3-	1.3-	960815 566	0.4+	0.7+
870831 809	2.0-	0.2+	940109 894	0.3+	0.2-	960815 566	0.8+	0.8+
870831 809	1.7-	1.9-	940114 894	0.3+	0.2+			

(7138)* 1994 AK₁₅ = 1988 SO = 1990 DQ₄

Discovered 1994 Jan. 15 by S. Ueda and H. Kaneda at Kushiro.

Id. S. Nakano (*MPC* 23243)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	304.98704		(2000.0)	P	Q
<i>n</i>	0.23636135	ω	95.26663	+0.64287945	-0.76047591
<i>a</i>	2.5907076	Ω	314.28718	+0.64231898	+0.60035425
<i>e</i>	0.1347377	<i>i</i>	7.34813	+0.41729167	+0.24748973
<i>P</i>	4.17	<i>H</i>	13.0	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

551024 675	0.5+	0.7-	900301 809	0.2-	1.0-	940211 399	0.0	1.2+
551024 675	0.0	0.3+	940115 399	0.4-	0.6+	940214 675	0.4+	0.4-
551111 675	0.1-	0.3-	940115 399	2.2-	0.8-	940214 675	0.2+	0.3-
880909 054	0.2+	0.6-	940204 399	0.5+	0.8-	960529 327	0.3+	0.9-
880916 054	0.0	1.4-	940204 399	0.8+	0.9+	960529 327	0.0	1.2-
900228 809	1.4-	0.9-	940205 399	0.1-	0.1-	960814 566	0.8+	0.8-
900228 809	1.1-	1.0-	940205 399	1.5-	1.4+	960814 566	0.7+	0.7-
900228 809	0.6-	1.0-	940211 675	1.2+	1.2-	960814 566	0.7+	0.7-
900301 809	0.7-	0.7-	940211 675	0.5+	1.0-			
900301 809	0.4-	0.7-	940211 399	2.1+	0.9+			

(7139)* 1994 CV₂ = 1986 RN₆ = 1991 PE₁₇

Discovered 1994 Feb. 14 by T. Nijima and T. Urata at Ojima.

Id. S. Nakano (*MPC* 23244)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	139.38335		(2000.0)	P	Q
<i>n</i>	0.18990699	ω	11.94711	-0.98967526	+0.14288753
<i>a</i>	2.9976120	Ω	176.21342	-0.14147375	-0.96131229
<i>e</i>	0.0271168	<i>i</i>	9.78784	-0.02297971	-0.23550335
<i>P</i>	5.19	<i>H</i>	12.5	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

860906 095	2.0-	0.2+	940219 385	0.4+	0.4+	960711 385	0.2+	0.5+
910807 675	0.6+	0.4-	940219 385	0.4-	0.3+	960711 385	0.6-	0.2+
910807 675	1.2+	0.9-	950506 385	0.5-	0.2-	960816 801	0.0	0.2+
910810 675	0.8+	0.3+	950506 385	0.2+	0.2+	960816 801	0.8-	0.1-
910810 675	1.6+	0.7-	950506 385	0.5-	0.0	960816 385	0.4-	0.8+
940214 887	0.1+	0.1+	950517 887	0.7+	0.2+	960816 385	0.2-	0.7+
940214 887	0.3+	0.3+	950517 887	0.2+	0.1-	960816 385	0.2-	1.1+
940214 887	0.2-	0.2+	950517 887	0.1+	0.4-	960819 801	0.2-	0.3+
940218 385	0.2+	0.0	950527 385	0.2-	0.5-	960819 801	0.2-	0.1-
940218 385	0.5-	0.6+	950527 385	0.1-	0.4+			
940218 385	0.6+	0.6+	960711 385	0.3-	0.4+			

(7140)* 1994 EE₁ = 1954 SD = 1977 EM₄ = 1980 DH₃

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

Id. K. Ichikawa (*MPC* 23345)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	132.03280		(2000.0)	P	Q
<i>n</i>	0.28878775	ω	271.41416	+0.93168606	+0.35563034
<i>a</i>	2.2668192	Ω	67.75825	-0.29327618	+0.85671560
<i>e</i>	0.2185317	<i>i</i>	4.59070	-0.21435989	+0.37358458
<i>P</i>	3.41	<i>H</i>	13.6	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

511108 675	1.0-	1.0-	940304 411	0.1-	1.1-	940321 411	0.2-	0.4-
511108 675	0.0	0.2+	940304 411	0.9-	0.1+	950830 801	0.2+	0.6-
540729 675	0.9-	0.0	940306 411	0.5-	0.5+	950830 801	0.3+	0.6-
540729 675	0.6-	0.2-	940306 411	0.7+	0.6+	950928 801	0.2+	0.4+
540902 675	0.7-	1.1-	940310 411	0.4-	0.1-	950928 801	0.2+	0.2+
540902 675	0.2-	0.3-	940310 411	0.8+	0.8+	950929 801	0.1+	0.0
540922 760	1.7+	0.6+	940310 411	0.5-	0.0	950929 801	0.3+	0.1+
540922 760	1.4+	0.3-	940315 411	0.7-	0.3-	951118 801	0.5-	0.0
770315 381	0.1+	1.9-	940315 411	0.6-	0.6-	951118 801	0.4-	0.0

770315 381 1.5+ 1.7- 940315 411 0.5- 0.8+ 951121 801 0.1- 0.0
 800220 095 1.5+ 0.3- 940321 411 0.4- 0.2+
 840429 675 0.5- 1.7+ 940321 411 0.0 1.1-

(7141)* 1994 EZ₁

Discovered 1994 Mar. 12 by A. Boattini and M. Tombelli at Cima Ekar.

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	195.82026	(2000.0)	P	Q
<i>n</i>	0.21199206	ω	155.95189	-0.91024549 +0.39402064
<i>a</i>	2.7856271	Ω	47.88085	-0.40225966 -0.76857945
<i>e</i>	0.0935233	<i>i</i>	9.88071	-0.09818514 -0.50401722
<i>P</i>	4.65	<i>H</i>	12.9	<i>G</i> 0.15 <i>U</i> 2

Residuals in seconds of arc

910912 675	0.8- 0.3+	940319 108	(3.2- 1.9+)	940430 111	1.5+ 0.6-
910912 675	0.2- 0.4-	940329 111	(0.6+ 3.2-)	951016 104	0.1- 0.2+
910916 675	1.5+ 0.2-	940329 111	0.4+ 2.0-	951016 104	0.6- 0.7+
910916 675	0.2- 0.3-	940329 111	0.4+ 0.9-	951016 104	0.7- 1.8+
910917 675	0.4- 0.5+	940329 111	(2.9+ 1.1+)	951026 104	0.5+ 0.6-
910917 675	0.2+ 0.2-	940406 111	0.2- 0.2-	951026 104	0.1+ 1.2-
940312 098	0.3- 0.7+	940406 111	0.5- 0.2+	951026 104	0.3+ 0.8-
940312 098	0.4- 0.0	940406 111	(2.9- 0.5+)	951026 104	1.1+ 0.5-
940313 098	0.9- 1.6-	940406 111	1.2- 1.5+	960724 599	1.1+ 0.8+
940314 098	0.1+ 0.5+	940406 111	0.8- 1.5+	960724 599	0.2- 0.1-
940314 098	0.8- 0.2-	940430 111	0.2- 0.2-	960724 599	0.2+ 0.6-
940319 108	0.1- 0.3-	940430 111	1.2+ 1.1-	960818 104	0.6+ 1.5-
940319 108	0.8+ 0.6+	940430 111	1.2- 1.0-	960818 104	0.4+ 2.3-

(7142)* 1994 PC₁₉ = 1987 HA₁

Discovered 1994 Aug. 12 by E. W. Elst at the European Southern

Observatory.

Id. G. V. Williams (*MPC* 24749)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	244.55411	(2000.0)	P	Q
<i>n</i>	0.17613200	ω	112.63187	-0.70109593 +0.71304758
<i>a</i>	3.1519347	Ω	112.85202	-0.65630305 -0.64238455
<i>e</i>	0.1205911	<i>i</i>	0.32690	-0.27880246 -0.28090076
<i>P</i>	5.60	<i>H</i>	12.6	<i>G</i> 0.15 <i>U</i> 1

Residuals in seconds of arc

870423 046	(0.7- 3.2-)	940812 809	0.3- 0.4+	940906 809	0.0 0.7+
870423 046	(1.5- 3.0-)	940812 809	0.2- 1.1+	951018 596	0.7- 0.4+
870424 046	1.2- 1.4+	940813 809	1.1+ 0.1+	951018 596	0.9- 0.5+
870424 046	(3.5- 2.4+)	940813 809	0.6+ 0.0	951018 596	1.2- 0.5+
870427 046	0.3- 1.2-	940813 809	0.6+ 0.2+	951123 327	1.1+ 0.5-
870427 046	1.3+ 0.7-	940905 809	1.5- 0.5-	951123 327	1.5+ 0.7-
920204 675	0.3- 1.0+	940905 809	1.4- 0.9-	951123 327	(2.3+ 1.1-)
920204 675	1.4+ 0.6+	940905 809	1.2- 0.5-	951219 691	0.2+ 0.1-
920406 809	0.2- 0.8+	940906 809	0.7+ 0.8+	951219 691	0.1+ 0.4-
940812 809	0.4+ 0.7+	940906 809	0.5+ 0.0	951219 691	0.2+ 0.5-

(7143)* 1995 WU₄₁ = 1962 SJ = 1973 UB₂ = 1988 LJ

Discovered 1995 Nov. 17 by S. Otomo at Kiyosato.

Id. S. Nakano (*MPC* 26747)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Nakano

<i>M</i>	106.69311	(2000.0)	P	Q
<i>n</i>	0.18085203	ω	149.18437	+0.98931785 -0.03503916
<i>a</i>	3.0968520	Ω	213.72660	+0.00756965 +0.98172102
<i>e</i>	0.1529891	<i>i</i>	14.76472	+0.14557779 +0.18707242
<i>P</i>	5.45	<i>H</i>	11.7	<i>G</i> 0.15 <i>U</i> 1

Residuals in seconds of arc

620930 760	0.1+ 0.4+	930524 691	0.2+ 0.0	951201 887	0.7+ 0.4-
620930 760	0.2- 0.5+	951117 894	0.1- 0.6-	951201 887	0.2+ 1.1+
731026 095	0.1- 1.1+	951117 894	0.1+ 0.1+	951201 894	0.4- 0.8+
880615 675	(21.3+ 13.0+)	951125 072	1.5+ 1.5-	951201 894	0.7- 0.1+
880617 675	1.6+ 0.3-	951125 072	0.5+ 0.9-	951217 894	0.3- 0.2+
891101 675	0.4- 0.6-	951125 072	1.3+ 0.6-	951217 894	1.0- 1.2+
891101 675	0.4- 0.4-	951127 894	0.2+ 0.3+	951221 894	0.5+ 1.4+
930425 691	0.5- 0.2+	951127 894	0.2+ 0.0	951221 894	0.5- 0.8-
930425 691	0.4- 0.1-	951128 894	0.8- 1.8-	951227 894	0.2+ 1.1+
930425 691	0.8- 0.0	951129 894	0.7- 0.6+	951227 894	(3.2- 1.9-)
930524 691	0.0 0.2-	951129 894	0.7- 1.5-		
930524 691	0.0 0.1-	951201 887	0.4+ 0.3-		

(7144)* 1996 KQ = 1952 UP = 1977 EH₄ = 1978 RZ₃ = 1989 NR₁ = 1989 PY₁ = 1993 PV₇

Discovered 1996 May 20 at Madonna di Dossobuono.

Id. K. Ichikawa (*MPC* 27562), S. Nakano (*ibid.*), B. G. Marsden (*ibid.*)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	320.44219	(2000.0)	P	Q
<i>n</i>	0.26251579	ω	167.03299	+0.78974223 +0.61171998
<i>a</i>	2.4156412	Ω	155.07595	-0.57209206 +0.76144782
<i>e</i>	0.1417513	<i>i</i>	6.25158	-0.22139984 +0.21446650
<i>P</i>	3.75	<i>H</i>	13.9	<i>G</i> 0.15 <i>U</i> 2

Residuals in seconds of arc

521023 760	1.3- 2.3+	960312 691	0.3+ 0.0	960528 560	0.6+ 0.3+
770315 381	(2.7+ 1.3-)	960312 691	0.3+ 0.2+	960528 560	0.1- 0.3+
770315 381	1.9+ 1.2-	960312 691	0.1+ 0.3+	960528 560	0.8+ 0.2+
780903 095	(4.8- 1.7-)	960327 691	0.3- 0.6+	960604 560	0.6+ 0.6-
890707 675	0.9+ 0.1-	960327 691	0.1- 0.6+	960604 560	0.4- 0.4-
890707 675	0.5- 0.6+	960327 691	0.1- 0.7+	960604 560	0.9+ 0.4-
890802 675	(2.5- 5.1+)	960520 560	1.0- 0.8-	960610 560	0.7+ 0.6-
890802 675	0.8- 0.9+	960520 560	0.9- 0.1+	960610 560	0.2- 0.8-
930815 010	0.4+ 0.2-	960520 560	0.8- 0.8+	960611 560	0.0 0.1-
930815 010	0.3+ 0.2-	960521 560	1.3- 0.2-	960708 560	1.5+ 0.9+
930815 010	0.1+ 1.5-	960521 560	1.6- 0.9+	960708 560	1.6+ 0.8+
930816 010	0.9+ 1.7+	960521 560	0.9- 1.4+	960708 560	1.7+ 0.2+
930817 010	1.2- 1.0-	960522 560	0.8- 0.7-		
930817 010	0.8+ 0.5-	960522 560	0.4- 0.9-		

(7145)* 1996 LO = 1952 UX₁ = 1956 TU = 1970 ED₂ = 1979 HJ₆ = 1982 BB₄ = 1991 GF₁₂

Discovered 1996 June 7 by the Beijing Schmidt CCD Asteroid Program at Xinglong.

Id. G. V. Williams (*MPC* 27563)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	249.68774	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.23998001	ω 248.37569	+0.37210301	-0.92819124
<i>a</i>	2.5645983	Ω 179.77617	+0.89895736	+0.36021920
<i>e</i>	0.1773626	<i>i</i> 9.00714	+0.23111690	+0.09329068
<i>P</i>	4.11	<i>H</i> 12.4	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

521021	760	2.4-	0.2-	910414	399	0.8+	0.2+	960609	327	0.3+	0.8+
521021	760	(3.6+	0.9+)	910414	399	0.5-	0.9+	960609	327	0.2-	1.0+
561011	760	(1.1-	3.0+)	950424	691	0.9-	1.2-	960625	327	0.3+	0.1+
561011	760	1.7+	0.8+	950424	691	0.6-	1.0-	960625	327	0.3+	0.1-
700304	805	0.9+	0.7-	950424	691	0.6-	1.0-	960625	327	0.8-	0.1+
700304	805	1.3+	0.2+	960607	327	0.3+	0.0	960625	327	0.2+	0.4-
700304	805	1.1+	0.8+	960607	327	0.5+	0.4+	960813	327	0.1+	0.1+
790428	095	0.4-	0.8+	960607	327	0.3+	1.1+	960813	327	0.2-	0.3-
790430	095	1.2-	0.7+	960607	327	0.1-	0.6+	960813	327	0.4-	0.6-
820121	381	0.5-	2.0+	960609	327	0.3+	0.5+	960813	327	0.4-	0.2-
820121	381	0.3-	0.4+	960609	327	0.7+	0.0				

(7146)* 3034 P-L = 1986 RR₉

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

Id. T. Kobayashi (*MPC* 15423)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	347.40168	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.18895419	ω 111.73226	+0.97089317	+0.19631737
<i>a</i>	3.0076805	Ω 237.18989	-0.23041393	+0.92196158
<i>e</i>	0.1191189	<i>i</i> 9.39564	+0.06539022	+0.33383579
<i>P</i>	5.22	<i>H</i> 12.9	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

600924	675	0.8+	0.7+	600927	675	0.7+	0.4+	921023	801	0.2-	0.0
600924	675	0.8+	0.3+	600928	675	0.3-	0.7+	921023	801	0.3-	0.0
600924	675	0.6-	0.9-	600928	675	0.1+	0.4+	921129	801	0.1-	0.4-
600925	675	0.4-	1.0+	600928	675	0.4+	0.4-	921129	801	0.4+	0.4-
600925	675	1.0-	0.9-	600929	675	0.3-	0.2+	960611	691	0.2-	0.2+
600925	675	0.7+	0.1+	600929	675	1.4-	0.0	960611	691	0.9-	0.2+
600926	675	0.2-	0.7+	860908	095	0.1+	0.4-	960611	691	0.8-	0.5+
600926	675	0.7+	0.5-	860911	095	(0.5-	3.2-)	960816	801	1.0+	0.5-
600926	675	0.3-	0.3-	911011	801	0.1+	0.4-	960816	801	0.1+	0.6-
600927	675	0.3-	0.4+	911011	801	0.4+	0.3-	960819	801	0.6+	0.4-

(7147)* 4015 P-L = 1990 OZ₃

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

Id. G. V. Williams (*MPC* 16882)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	237.80575	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.26115951	ω 5.44538	+0.74559816	+0.66598547
<i>a</i>	2.4239974	Ω 312.76817	-0.61260225	+0.67117800
<i>e</i>	0.1923033	<i>i</i> 1.82528	-0.26230111	+0.32555100
<i>P</i>	3.77	<i>H</i> 14.6	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

600924	675	0.4-	0.6+	900726	033	0.2-	0.0	930326	809	0.5-	1.1+
600925	675	0.2+	1.3+	900727	033	1.4+	0.4+	941001	675	0.1-	0.0
600925	675	0.3+	0.3+	900727	675	1.2-	0.8+	941001	675	0.0	0.0
600926	675	0.4-	0.0	900727	675	0.2-	0.2+	941005	801	(1.2+	2.3+)
600926	675	0.3+	0.1+	900728	033	0.7-	0.2-	941005	801	1.1-	1.4+
600928	675	0.4-	0.0	900730	675	1.6-	0.8-	941006	801	0.3-	0.0
600928	675	1.2+	0.8-	900730	675	0.5-	0.1+	941006	801	0.1+	0.0
601017	675	0.1-	0.7+	900914	675	2.0+	0.5-	941107	675	(2.7+	0.4-)
601022	675	0.8-	0.1-	900914	675	1.8+	1.0-	941107	675	0.9+	0.5-
601024	675	0.3-	0.3-	930321	809	0.3+	0.6+				
601026	675	0.7-	0.0	930322	809	1.2+	0.6+				

(7148)* 1047 T-1 = 1985 DJ₂ = 1993 RF

Discovered 1971 Mar. 25 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Id. G. V. Williams (*MPC* 22694), S. Nakano (*ibid.*)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	180.77656	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.28518616	ω 284.96497	-0.85873956	-0.50874113
<i>a</i>	2.2858642	Ω 224.50105	+0.49727803	-0.79857974
<i>e</i>	0.0538188	<i>i</i> 5.01135	+0.12361606	-0.32164089
<i>P</i>	3.46	<i>H</i> 13.0	<i>G</i> 0.15	<i>U</i> 2

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

710324	675	1.9+	0.3-	930919	400	0.0	0.9+	950401	801	0.2-	0.2+
710325	675	1.3-	0.9+	930921	400	0.2+	0.2+	950401	801	0.1+	0.1-
710325	675	0.6-	1.8+	930921	400	1.6-	1.0+	950504	801	0.1-	0.7-
710326	675	0.9+	1.4-	931006	400	(1.8-	2.1-)	950504	801	0.7-	1.1-
710327	675	0.3-	0.7+	931006	400	0.3+	0.2-	960712	801	0.2-	0.7+
850224	010	(0.07-	0.01+)	931022	589	0.1+	0.7+	960712	801	0.2+	0.2+
850224	010	(0.08-	0.02+)	931022	589	0.1+	0.6+	960714	801	0.4+	0.3-
930912	400	0.3-	0.7-	931022	589	0.1+	0.7+	960714	801	0.2+	0.4+
930912	400	0.8+	0.9-	931023	589	0.1+	0.3-	960724	599	0.1+	0.6-
930913	400	0.0	1.3-	931023	589	0.0	0.2-	960724	599	0.7-	1.0-
930913	400	(0.3-	2.7-)	950329	801	0.0	0.1-	960819	801	0.1+	0.6+
930919	400	(2.7+	1.0+)	950329	801	0.2+	0.0				

(7149)* 3220 T-3 = 1981 JN₅

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

Id. E. Bowell (*MPC* 19883)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	244.85293	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.17701177	ω 97.84278	+0.11081701	+0.99384073
<i>a</i>	3.1414823	Ω 178.51941	-0.91856139	+0.10259605
<i>e</i>	0.1250325	<i>i</i> 0.99864	-0.37942663	+0.04188871
<i>P</i>	5.57	<i>H</i> 13.5	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

540703	675	0.2-	2.3+	771021	675	0.1+	0.8-	920406	809	1.9-	0.1-
540703	675	1.4-	0.1+	771022	675	(3.1+	1.0-)	941013	691	0.8-	1.1+
771007	675	0.5-	0.0	771022	675	0.9+	0.9-	941013	691	0.8-	1.1+
771011	675	1.2-	0.1-	810508	675	1.3+	1.6-	941013	691	0.4-	1.1+
771011	675	0.9-	0.2+	810509	675	1.0+	1.0-	941128	675	0.3-	0.6+

771012	675	0.8+	0.5+	881007	675	0.2+	0.7−	941129	691	0.3+	0.4+
771012	675	1.2+	1.1−	881007	675	0.7+	1.8−	941129	691	0.3+	0.3+
771016	675	0.6+	0.1+	920404	809	1.2+	0.5+	941203	691	0.0	0.1−
771016	675	0.2+	1.4−	920404	809	0.2+	0.6+	941203	691	0.1−	0.1+
771017	675	0.8+	1.5+	920404	809	0.7+	0.5−	941203	691	0.1+	0.1−
771017	675	0.2−	0.1−	920406	809	1.1−	0.2−				
771021	675	0.1−	1.0−	920406	809	1.1−	0.7+				

1977 XP₂ = 1989 CN₅ = 1996 PP

Id. A. Lowe, G. V. Williams

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5											
<i>M</i> 52.19726				(2000.0)				P		Q	
<i>n</i>	0.19503721	<i>ω</i>	139.46763					+0.25396734		+0.96685985	
<i>a</i>	2.9448131	<i>Ω</i>	145.22172					−0.89882084		+0.24590033	
<i>e</i>	0.0576356	<i>i</i>	2.62534					−0.35724177		+0.06866634	
<i>P</i>	5.05	<i>H</i>	13.5					<i>G</i> 0.15		<i>U</i> 4	

Residuals in seconds of arc

771207	675	0.1+	0.3−	960716	809	(0.7+	2.2+)	960811	566	0.6−	0.1−
771208	675	0.1−	0.1+	960716	809	(0.2+	2.5+)	960811	566	0.3−	0.4+
890202	033	0.1−	0.1+	960716	809	0.4−	1.8+	960815	566	0.1+	0.2+
890204	033	0.1+	0.1−	960809	566	0.4+	0.1−	960815	566	0.3−	0.7+
960714	809	0.1+	1.9−	960809	566	0.4+	0.1−	960815	566	0.2+	0.0
960714	809	(0.4−	2.6−)	960809	566	0.6+	0.1−				
960714	809	0.2−	1.5−	960811	566	0.1+	0.3+				

1978 UG = 1992 HX₅ = 1996 KU₇

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5											
<i>M</i> 289.29200				(2000.0)				P		Q	
<i>n</i>	0.25933964	<i>ω</i>	316.83799					+0.99774365		−0.05292978	
<i>a</i>	2.4353242	<i>Ω</i>	46.24554					+0.06562328		+0.89880469	
<i>e</i>	0.2025430	<i>i</i>	3.27817					−0.01418425		+0.43514201	
<i>P</i>	3.80	<i>H</i>	14.0					<i>G</i> 0.15		<i>U</i> 4	

Residuals in seconds of arc

780928	095	0.3+	0.7−	920425	809	0.3+	0.5−	960522	809	1.5−	0.3−
781004	095	0.2+	0.5+	920425	809	0.9−	0.9−	960523	809	1.4+	0.3+
781028	688	0.4−	0.1−	Y 960522	809	0.0	0.9−	960523	809	1.0+	0.1−
920425	809	0.4+	0.9+	960522	809	0.4−	0.9+	960523	809	0.4−	0.3+

1978 VU₅ = 1981 OL = 1996 PL₅

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5											
<i>M</i> 337.67703				(2000.0)				P		Q	
<i>n</i>	0.26156035	<i>ω</i>	168.23142					+0.99889716		−0.04606360	
<i>a</i>	2.4215203	<i>Ω</i>	194.41809					+0.03957088		+0.93013628	
<i>e</i>	0.0372255	<i>i</i>	2.09192					+0.02527076		+0.36431394	
<i>P</i>	3.77	<i>H</i>	15.5					<i>G</i> 0.15		<i>U</i> 4	

Residuals in seconds of arc

781105	675	0.3+	0.5−	781130	675	0.5+	0.3−	960810	566	0.0	0.4−
781106	675	0.6+	0.9+	810730	033	0.1+	0.8+	960819	566	0.5+	0.4−
781107	675	1.7−	0.1+	810730	033	0.8−	1.7+	960819	566	0.2+	0.6−
781108	675	0.4+	0.2+	960810	566	0.5−	0.5−	960819	566	0.7+	0.7−
781129	675	0.1−	0.5−	960810	566	0.2−	0.0				

1979 QV₁ = 1995 BC₃Id. T. Kobayashi (*MPC* 24894)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5											
<i>M</i> 131.53056				(2000.0)				P		Q	
<i>n</i>	0.28819323	<i>ω</i>	243.84549					−0.94225883		+0.32544063	
<i>a</i>	2.2699356	<i>Ω</i>	315.02860					−0.25325062		−0.84676659	
<i>e</i>	0.1234604	<i>i</i>	6.41564					−0.21911739		−0.42080248	
<i>P</i>	3.42	<i>H</i>	14.5					<i>G</i> 0.15		<i>U</i> 3	

Residuals in seconds of arc

790822	809	0.4+	0.5+	941210	691	0.4−	0.2−	950129	372	0.3−	1.1+
790822	809	1.0−	0.4+	941210	691	0.6−	0.6−	960824	118	0.1+	0.6−
790822	809	0.7+	0.4+	941210	691	0.3−	0.5−	960824	118	0.2−	0.4−
790823	809	0.6+	1.0+	950127	372	(2.5+	2.6+)	960824	118	0.7+	0.5−
790830	809	0.6−	0.2+	950127	372	(2.7+	2.7+)	960825	118	0.4−	0.4−
790830	809	1.1−	0.2−	950129	372	1.1+	0.2−	960825	118	0.8+	0.6−

1981 DR₂ = 1996 OB₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5											
<i>M</i> 269.62300				(2000.0)				P		Q	
<i>n</i>	0.22372493	<i>ω</i>	138.25725					−0.06720591		−0.98867191	
<i>a</i>	2.6873638	<i>Ω</i>	315.10410					+0.85765327		+0.01148603	
<i>e</i>	0.1559111	<i>i</i>	10.96105					+0.50981785		−0.14965271	
<i>P</i>	4.41	<i>H</i>	14.5					<i>G</i> 0.15		<i>U</i> 5	

Residuals in seconds of arc

810209	413	0.0	0.4+	810308	413	1.2+	0.3−	960723	566	0.6+	0.6+
810228	413	(6.7+	2.0+)	810310	413	(4.8−	0.1+)	960723	566	0.2+	0.1+
810228	413	(3.5+	0.2+)	810310	413	0.2+	0.2+	960723	566	0.4+	0.1−
810306	413	1.8−	0.9+	810312	413	1.2−	1.0+	960819	566	0.6−	0.1+
810306	413	0.3+	1.7−	810312	413	1.9+	0.5+	960819	566	0.3−	0.0
810307	413	(2.6−	0.4−)	810502	413	0.3−	0.2−	960819	566	0.5−	0.2−
810307	413	1.1+	0.7−	810502	413	0.6−	0.5−				
810308	413	0.8−	0.7+	810503	413	(0.0	3.6+)				

1981 EP₁₂ = 1989 SK₇

Id. C. P. de Saint-Aignan, G. V. Williams

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5											
<i>M</i> 356.72349				(2000.0)				P		Q	
<i>n</i>	0.29343097	<i>ω</i>	155.65360					+0.57076728		−0.81642891	
<i>a</i>	2.2428423	<i>Ω</i>	259.43015					+0.73799354		+0.55682083	
<i>e</i>	0.0725068	<i>i</i>	5.11078					+0.35998645		+0.15295226	
<i>P</i>	3.36	<i>H</i>	14.0					<i>G</i> 0.15		<i>U</i> 4	

Residuals in seconds of arc

810209	413	0.8−	0.3+	810312	413	0.5−	0.8+	810503	413	1.0+	2.2+
810212	413	0.2+	0.1−	810312	413	0.1+	0.0	890902	675	0.5−	0.5+
810214	413	0.8+	0.6−	810406	413	0.9−	0.6+	890922	046	(3.4−	1.8−)
810301	413	0.2−	0.4+	810406	413	(3.2+	2.7−)	890922	046	0.1−	1.1−
810301	413	0.7+	0.8−	810408	413	1.9−	0.6+	890930	675	0.9−	0.1+
810306	413	0.9+	1.2+	810408	413	0.7−	1.6−	890930	675	1.0+	0.6−
810306	413	1.4+	0.9−	810409	413	1.0−	0.2−	891101	675	1.0+	0.5−
810308	413	0.7−	0.3+	810409	413	0.8+	1.8−	891101	675	0.1+	0.7+
810308	413	1.2+	0.6−	810503	413	0.8−	0.8−				

1981 EJ₁₆ = 1996 PR₄

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.27777327	ω	285.34986	-0.01296431	+0.99941576		
<i>a</i>	2.3263537	Ω	343.80791	-0.86840099	-0.02693193		
<i>e</i>	0.1025977	<i>i</i>	6.51163	-0.49569310	+0.02104321		
<i>P</i>	3.55	<i>H</i>	16.5	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

810212	413	1.2-	1.6-	810409	413	(4.3+	0.1+)	960814	566	0.4+	0.2+
810301	413	1.4-	0.5-	810409	413	0.1-	0.1-	960814	566	0.2-	0.4+
810306	413	0.4+	2.3+	810501	413	0.3+	0.1+	960817	566	0.3+	0.4-
810308	413	0.3-	0.6-	810503	413	0.5+	0.3-	960817	566	0.3-	0.3-
810308	413	1.5+	0.1+	960814	566	0.1+	0.2+	960817	566	0.0	0.4-

1982 FX₂ = 1995 XF

Id. C. P. de Saint-Aignan (1989 observations), G. V. Williams

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.19891836	ω	18.90074	+0.81660065	-0.57705611		
<i>a</i>	2.9063827	Ω	16.36300	+0.52343839	+0.73083880		
<i>e</i>	0.1207583	<i>i</i>	2.64972	+0.24326041	+0.36452832		
<i>P</i>	4.95	<i>H</i>	12.5	<i>G</i>	0.15	<i>U</i>	3

Residuals in seconds of arc

820318	809	0.3+	0.8+	820323	809	0.1+	0.1+	890729	675	0.1+	0.1+
820318	809	0.1-	0.5+	820328	809	(1.7-	6.7+)	890731	675	0.4+	0.3-
820318	809	0.1-	0.9+	820328	809	0.2+	0.1-	890731	675	0.5+	0.3+
820321	809	0.4-	0.6-	820328	809	1.0+	1.6-	890902	675	0.5+	0.1+
820321	809	0.8-	0.3-	820329	809	0.4-	1.0+	890902	675	0.4-	0.6-
820321	809	1.1-	0.1+	820329	809	0.8-	0.1-	951202	411	0.4-	0.6+
820322	809	0.1+	0.7+	820329	809	1.3-	0.5+	951202	411	0.5-	0.2+
820322	809	0.2+	0.3+	820401	809	0.0	0.3-	951204	411	0.2+	1.1-
820322	809	0.3+	0.2-	820401	809	0.2+	0.7-	951204	411	0.2+	1.1-
820323	809	0.0	0.6-	820401	809	2.1+	0.4-	951216	411	0.1-	0.5+
820323	809	0.4+	0.4-	890729	675	1.0-	0.2+	951216	411	0.6+	0.8+

1982 TL₂

Id. C. P. de Saint-Aignan (1955, 1989, 1994 observations)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.27088419	ω	176.61060	+0.26747153	-0.95938953		
<i>a</i>	2.3656307	Ω	257.86107	+0.88188464	+0.28121076		
<i>e</i>	0.1421912	<i>i</i>	5.25933	+0.38825051	+0.02218654		
<i>P</i>	3.64	<i>H</i>	14.0	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

550324	675	0.2-	1.0+	821109	095	1.0-	1.6-	890903	675	0.3+	0.6+
550324	675	0.8+	0.8+	821112	675	0.9+	0.2+	890930	675	0.0	0.5-
550523	675	0.3-	0.0	821112	675	0.1-	1.1+	890930	675	1.4+	0.3-
821014	095	1.0-	1.7+	890902	675	0.4-	0.2+	891101	675	0.6-	1.2-
821020	095	(3.7-	0.2+)	890902	675	0.3+	0.2-	891101	675	0.4+	0.8-
821025	095	0.8+	1.7+	890903	675	0.9-	1.0+	940106	675	0.0	0.8-

1985 GP₁ = 1996 PM

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.28010870	ω	202.33680	+0.47842171	+0.77325971		
<i>a</i>	2.3134049	Ω	98.54847	-0.72857460	+0.61408356		
<i>e</i>	0.1692515	<i>i</i>	24.88679	-0.49019559	-0.15802151		
<i>P</i>	3.52	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

850414	675	1.6+	1.4+	960809	424	0.2+	0.2+	960816	424	0.4+	0.1+
850423	675	0.7-	1.4-	960811	424	0.3-	0.2+	960820	424	0.4+	0.1-
850425	675	0.8-	0.1-	960811	424	0.9+	0.3+	960820	424	0.3+	0.3-
960809	424	0.2-	0.6+	960811	424	0.4-	0.0				
960809	424	1.2-	1.1-	960816	424	0.0	0.1+				

1985 RW₂ = 1990 SV₂₆ = 1996 AD₈

Id. K. Ichikawa

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.21188635	ω	249.52447	+0.96891921	+0.24545072		
<i>a</i>	2.7865535	Ω	96.25718	-0.21384340	+0.89367312		
<i>e</i>	0.0799505	<i>i</i>	1.77638	-0.12436462	+0.37563587		
<i>P</i>	4.65	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>	3

Residuals in seconds of arc

850905	809	0.2+	0.2+	850916	809	0.8-	0.1-	951216	691	0.0	0.2+
850905	809	0.4+	0.2+	850916	809	1.4+	0.3+	960113	691	0.0	0.7-
850905	809	0.2+	0.2+	850916	809	(2.9+	0.4+)	960113	691	0.1-	0.2+
850907	809	0.5-	0.5-	850918	809	0.8+	0.6+	960113	691	0.0	0.0
850907	809	0.3-	0.7-	850918	809	0.8+	0.5+	960124	691	0.0	0.0
850907	809	0.1-	0.7-	850918	809	0.8+	0.4+	960124	691	0.0	0.1-
850911	809	0.9-	0.1+	900922	095	0.2+	0.2+	960124	691	0.1-	0.3+
850911	809	1.0-	0.1-	900922	095	0.1-	0.5-				
850911	809	1.0-	0.2-	951216	691	0.1+	0.3+				

1985 SG₃ = 1996 NT

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.17463749	ω	93.91530	+0.76528912	+0.62436372		
<i>a</i>	3.1698915	Ω	227.53329	-0.64192689	+0.72231642		
<i>e</i>	0.2496605	<i>i</i>	12.25125	-0.04756509	+0.29737003		
<i>P</i>	5.64	<i>H</i>	12.5	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

850919	095	0.4+	0.9+	960716	596	0.5+	0.4+	960803	596	0.1+	0.4-
850921	095	0.7+	1.3+	960717	596	0.1-	0.3-	960803	596	0.4+	0.2-
851018	095	1.1-	2.1-	960718	596	0.2+	0.8+	960806	596	0.6-	0.8+
960715	596	0.1-	0.7-	960718	596	0.3+	0.8+	960806	596	0.6-	1.0+
960715	596	0.3-	0.3-	960724	596	0.6+	0.6-	960808	596	0.1-	0.3-
960716	596	0.1-	0.1-	960724	596	0.2+	0.7-	960808	596	0.7-	0.3-
960716	596	0.2-	0.2-	960724	596	0.1+	0.7-	960808	596	0.4-	0.3-
960716	596	0.7+	0.7+	960803	596	0.3+	0.4+				

1986 AT₂ = 1992 FC₃

Id. C. P. de Saint-Aignan (1989, 1992 observations), G. V. Williams

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams			
<i>M</i>	12.15088		(2000.0)	P	Q		
<i>n</i>	0.17472118	ω	291.26559	+0.15906399	-0.97176387		
<i>a</i>	3.1688792	Ω	147.98448	+0.98294867	+0.13938579		
<i>e</i>	0.1497216	<i>i</i>	19.19222	+0.09225270	+0.19038536		
<i>P</i>	5.64	<i>H</i>	11.5	<i>G</i>	0.15	<i>U</i>	3

Residuals in seconds of arc

860112	688	0.2+	0.9-	860214	809	0.3-	0.0	890729	675	0.4-	0.3-
860112	688	0.6+	0.2-	860215	809	0.8-	0.1-	890902	675	0.6+	0.3+
860213	809	0.3+	0.2+	860215	809	0.7-	0.1-	890902	675	0.2+	0.8-
860213	809	0.2+	0.1+	860215	809	0.8-	0.1+	920228	675	0.3-	1.0+
860213	809	0.3+	0.2+	860216	809	0.9+	0.2-	920228	675	0.7+	0.1-
860214	809	0.2-	0.0	860216	809	0.5+	0.4-	920326	399	0.2+	0.1-
860214	809	0.1-	0.0	890729	675	0.3-	1.4-	920326	399	0.7-	1.7-

1987 MA₁ = 1991 GG₁₂ = 1995 DX₁₂Id. B. G. Marsden (*MPC* 25212), G. V. Williams

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams			
<i>M</i>	40.11415		(2000.0)	P	Q		
<i>n</i>	0.22440384	ω	131.75629	+0.25405260	+0.96225140		
<i>a</i>	2.6819408	Ω	152.50042	-0.93823732	+0.26969965		
<i>e</i>	0.2712838	<i>i</i>	12.20529	-0.23487872	-0.03652867		
<i>P</i>	4.39	<i>H</i>	13.0	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

870620	675	0.5-	0.9-	950222	033	0.2+	0.0	960817	552	0.0	0.8+
870620	675	1.3+	2.0-	950223	033	0.1-	0.2-	960817	552	0.5-	0.5+
870628	675	0.3-	0.8+	950224	033	0.3-	0.6-	960817	552	0.4-	0.5+
870630	675	0.4-	2.6+	960809	552	0.1-	0.3-	960820	587	0.3+	0.6-
870726	675	(13.6+	0.5-)	960809	552	0.0	0.7-	960820	587	0.3+	1.0-
870728	675	(12.3+	0.1-)	960809	552	0.1+	0.5-	960820	587	0.2+	0.5+
910414	400	0.5+	0.6+	960812	552	0.0	0.1-				
910414	400	0.6-	0.7-	960812	552	0.1+	0.3-				

1988 VY = 1996 HA₁₄

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

				Ichikawa			
<i>M</i>	218.24325		(2000.0)	P	Q		
<i>n</i>	0.19728815	ω	200.90156	+0.74950862	-0.66190850		
<i>a</i>	2.9223712	Ω	200.55562	+0.61160133	+0.69853474		
<i>e</i>	0.1086245	<i>i</i>	1.74229	+0.25333900	+0.27189399		
<i>P</i>	5.00	<i>H</i>	13.6	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

881102	372	(1.4-	3.2-)	881105	046	0.3-	0.7+	960418	809	1.5-	1.2-
881102	372	2.6+	1.7+	881105	046	2.5-	1.2-	960519	809	1.6+	0.1+
881103	327	0.0	0.1+	881106	372	0.4+	0.7+	960519	809	1.5+	0.6-
881103	327	0.4-	0.4+	960417	809	0.7+	1.5+	960519	809	0.0	0.8+
881103	372	0.7-	0.8-	960417	809	1.6+	0.7+	960522	809	0.3+	1.0-
881103	372	0.4-	0.5-	960417	809	1.1+	2.0+	960522	809	1.7-	0.2-
881104	327	(5.2+	6.6+)	960418	809	1.1-	1.4-	960522	809	1.2-	1.0+
881105	372	1.2+	0.7-	960418	809	1.2-	1.4-				

1989 RT = 1996 OL₁

Id. T. Kobayashi

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5				Williams			
<i>M</i>	36.45213		(2000.0)	P	Q		
<i>n</i>	0.27422154	ω	339.57002	+0.54590263	+0.83492308		
<i>a</i>	2.3463980	Ω	323.41806	-0.75149319	+0.45100934		
<i>e</i>	0.1253984	<i>i</i>	6.74094	-0.37047039	+0.31542673		
<i>P</i>	3.59	<i>H</i>	14.0	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

890903	511	(2.9-	1.1+)	891101	675	0.1+	0.4-	960806	327	0.1-	0.5-
890903	511	(4.3-	1.0+)	891101	675	1.0-	1.1-	960806	327	0.0	0.1-
890904	511	1.0-	0.6+	960720	327	0.7+	0.2-	960806	327	0.4+	0.2+
890904	511	0.7+	0.8+	960720	327	0.5+	0.0	960813	327	0.5+	0.3+
890905	511	2.4-	1.6+	960720	327	0.1+	0.3-	960813	327	0.1+	0.1+
890907	511	1.1-	2.0-	960721	327	1.3-	0.1+	960813	327	0.4+	0.0
890907	511	0.6+	1.6-	960721	327	1.1-	0.3-	960813	327	0.1+	0.0
891002	071	2.0+	0.0	960721	327	0.4+	0.0				
891002	071	1.8+	2.3+	960721	327	0.6-	0.3+				

1989 SY₃ = 1996 ND₁

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

				Kobayashi			
<i>M</i>	23.19120		(2000.0)	P	Q		
<i>n</i>	0.26700673	ω	200.24418	+0.60262924	+0.79604835		
<i>a</i>	2.3884780	Ω	106.85512	-0.72386848	+0.57486373		
<i>e</i>	0.2004580	<i>i</i>	3.35933	-0.33593515	+0.18931117		
<i>P</i>	3.69	<i>H</i>	15.9	<i>G</i>	0.15	<i>U</i>	6

Residuals in seconds of arc

890926	809	1.0-	0.2-	891003	809	1.4+	0.5+	960715	566	0.6+	0.4-
890926	809	0.8-	0.6-	891003	809	1.9+	2.6+	960715	566	0.2+	0.2+
890926	809	1.1-	2.7-	891003	809	2.2+	2.0+	960715	566	0.0	0.4+
890928	809	0.2-	0.9+	891003	809	1.3+	1.8+	960721	566	0.7+	0.5+
890928	809	0.5-	0.6+	891007	809	1.3-	1.0-	960721	566	0.7+	0.7+
890928	809	0.9-	0.1+	891007	809	1.0-	1.0-	960721	566	0.9-	0.9-
890929	675	1.5+	0.9-	891007	809	2.2-	1.2-	960721	566	0.6+	0.7+
890929	675	1.3+	1.2-	891008	809	1.5-	0.1-	960721	566	1.0-	0.6-
891003	809	0.9+	0.2-	891008	809	1.4-	0.2+	960721	566	1.0-	0.6-
891003	809	1.6+	0.4+	891008	809	0.5-	0.2+				

1990 RT₈ = 1996 AC₁₇

Id. T. Kobayashi, K. Ichikawa

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

				Kobayashi			
<i>M</i>	244.28333		(2000.0)	P	Q		
<i>n</i>	0.25651390	ω	158.28201	+0.67090515	+0.74117608		
<i>a</i>	2.4531764	Ω	153.83729	-0.68790365	+0.63381530		
<i>e</i>	0.2115197	<i>i</i>	3.03306	-0.27690224	+0.22121524		
<i>P</i>	3.84	<i>H</i>	15.9	<i>G</i>	0.15	<i>U</i>	6

Residuals in seconds of arc

900915	809	0.4-	0.1+	900921	809	0.2+	0.6-	960113	691	0.3-	0.1+
900915	809	0.0	0.1+	900922	809	0.3-	0.4+	960113	691	0.0	0.3-
900915	809	0.5+	0.2+	900922	809	0.2+	0.3+	960119	691	0.0	0.2+
900921	809	0.6-	0.4-	900922	809	0.5+	0.4+	960119	691	0.6+	0.0
900921	809	0.2-	0.5-	960113	691	0.3-	0.0	960119	691	0.0	0.0

1990 RW₈ = 1996 ED₁₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Ichikawa

<i>M</i>	291.02278		(2000.0)	P		Q	
<i>n</i>	0.27983010	ω	28.22113	+0.66750047	+0.73593476		
<i>a</i>	2.3149401	Ω	283.89530	-0.70324503	+0.57305407		
<i>e</i>	0.1942121	<i>i</i>	6.70423	-0.24472344	+0.36056770		
<i>P</i>	3.52	<i>H</i>	15.3	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

900913 675	0.4-	0.4-	900918 675	0.0	0.2-	960319 691	0.2+	0.2+
900917 675	0.4+	0.3+	960313 691	0.3-	0.3-	960319 691	0.1+	0.2-
900917 675	0.5-	0.4+	960313 691	0.3+	0.2+	960319 691	0.1-	0.0
900918 675	0.4+	0.2-	960313 691	0.2-	0.2+			

1990 SD₅ = 1996 AV₁₄

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Ichikawa

<i>M</i>	328.50691		(2000.0)	P		Q	
<i>n</i>	0.26410478	ω	213.44320	-0.34864375	+0.93665307		
<i>a</i>	2.4059423	Ω	36.18464	-0.84695965	-0.29950303		
<i>e</i>	0.1618080	<i>i</i>	3.26197	-0.40138122	-0.18160109		
<i>P</i>	3.73	<i>H</i>	15.0	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

900915 809	0.1+	0.4+	900922 809	0.7+	0.8-	960112 691	0.1+	0.4+
900915 809	0.8-	0.2-	900925 809	0.7-	0.9+	960112 691	0.3+	0.5+
900915 809	0.3-	0.7+	900925 809	1.0-	0.6-	960118 691	0.6-	0.7-
900922 809	2.6+	0.0	900925 809	0.1+	0.1-	960118 691	0.2+	0.4-
900922 809	0.7-	0.3-	960112 691	0.2+	0.6+	960118 691	0.3-	0.4-

1990 TD₁₂ = 1995 YF₁₀

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Ichikawa

<i>M</i>	105.02500		(2000.0)	P		Q	
<i>n</i>	0.22433732	ω	172.39649	+0.42608115	-0.90339969		
<i>a</i>	2.6824710	Ω	252.37417	+0.82734728	+0.41066048		
<i>e</i>	0.1997224	<i>i</i>	2.89931	+0.36599361	+0.12339764		
<i>P</i>	4.39	<i>H</i>	14.8	<i>G</i>	0.15	<i>U</i>	6

Residuals in seconds of arc

901011 033	0.8+	0.2-	901014 033	0.0	0.0	951229 691	0.1+	0.1-
901012 033	0.9-	0.1+	951218 691	0.2+	0.1+	951229 691	0.2-	0.0
901012 033	0.4-	0.1+	951218 691	0.0	0.1+	951229 691	0.0	0.0
901013 033	0.4+	0.0	951218 691	0.1-	0.0			

1990 VY₁₃ = 1993 JPId. B. G. Marsden (*MPC* 22486)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	9.89696		(2000.0)	P		Q	
<i>n</i>	0.17851325	ω	31.69572	-0.04837896	-0.99729067		
<i>a</i>	3.1238421	Ω	61.13017	+0.90267484	-0.06740503		
<i>e</i>	0.1440882	<i>i</i>	3.62806	+0.42759515	+0.02945998		
<i>P</i>	5.52	<i>H</i>	12.0	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

890731 675	0.6+	0.5-	901123 372	(0.0	6.1+)	930523 809	1.9+	2.0+
890731 675	0.6-	0.7-	930514 809	1.3-	0.1-	951020 691	0.2-	0.3+
890902 675	0.4+	0.3+	930514 809	0.4-	0.4-	951020 691	0.1+	0.1+
890902 675	0.1+	0.5-	930514 809	2.0-	0.5-	951020 691	0.1+	0.2+
901114 095	(0.1-	2.4-)	930515 809	0.4-	1.4-	951026 691	0.3-	0.5+

901114 095	(1.1-	2.8-)	930515 809	(1.1-	2.2-)	951026 691	0.3-	0.3+
901120 095	(3.2-	1.5-)	930515 809	0.8-	1.1-	951026 691	0.2-	0.2+
901120 095	0.6+	1.8-	930523 809	1.9+	0.7+			
901123 372	0.4-	1.0+	930523 809	1.1+	1.2+			

1990 WO₄ = 1996 FP₂

Id. T. Kobayashi, K. Ichikawa

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Kobayashi

<i>M</i>	100.88104		(2000.0)	P		Q	
<i>n</i>	0.22453737	ω	270.47649	-0.38766933	-0.92128854		
<i>a</i>	2.6808774	Ω	202.40983	+0.87449709	-0.35705566		
<i>e</i>	0.2402804	<i>i</i>	4.61268	+0.29149158	-0.15407364		
<i>P</i>	4.39	<i>H</i>	15.0	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

901116 809	0.1+	0.2-	901122 809	0.9+	0.3-	960318 566	0.1+	0.3-
901117 809	0.9+	0.7+	901122 809	0.5-	0.3-	960323 566	0.4-	0.5+
901121 809	0.6+	0.3+	901122 809	0.5+	0.2+	960323 566	0.2-	0.2+
901121 809	0.9-	0.2-	960318 566	0.3+	0.4-	960323 566	0.3-	0.2+
901121 809	1.6-	0.3-	960318 566	0.4+	0.1-			

1990 WC₉ = 1990 VT₁₄ = 1996 CTId. S. Nakano (d, *MPC* 20913), T. Kobayashi, K. Ichikawa

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Kobayashi

<i>M</i>	50.90403		(2000.0)	P		Q	
<i>n</i>	0.18564637	ω	339.21819	+0.69727321	-0.68977502		
<i>a</i>	3.0433022	Ω	65.97292	+0.68410436	+0.55914329		
<i>e</i>	0.0610654	<i>i</i>	12.32674	+0.21403574	+0.45996652		
<i>P</i>	5.31	<i>H</i>	12.8	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

901114 809	1.0+	0.5+	960202 327	0.7-	0.2-	960208 327	0.3-	0.2+
901114 809	0.5+	0.2+	960202 327	0.7+	0.1+	960208 327	0.7+	0.0
901115 095	(6.5+	4.0+)	960204 327	1.1-	0.1-	960208 327	0.1+	0.2+
901115 095	0.3-	0.3+	960204 327	0.4-	0.3+	960209 327	0.2-	0.2-
901119 809	0.5-	0.4-	960204 327	0.0	0.1-	960209 327	0.2-	1.0-
901119 809	0.0	0.6-	960207 327	0.5+	0.8+	960209 327	0.4+	0.1-
901119 809	0.8-	0.0	960207 327	0.4-	0.0			
960202 327	0.6+	0.3-	960207 327	0.2+	0.3+			

1991 GW₁₀ = 1991 GG₈ = 1996 FQ₁₁Id. S. Nakano (d, *MPC* 20125), T. Kobayashi, K. Ichikawa

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Kobayashi

<i>M</i>	33.74993		(2000.0)	P		Q	
<i>n</i>	0.19025173	ω	184.63332	-0.94054785	+0.33596541		
<i>a</i>	2.9939897	Ω	15.28792	-0.30522685	-0.77145641		
<i>e</i>	0.1048712	<i>i</i>	10.92457	-0.14901780	-0.54035382		
<i>P</i>	5.18	<i>H</i>	15.2	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

910408 809	0.3+	0.1-	910415 675	0.1+	1.1-	960322 691	0.3-	0.5-
910408 809	0.4-	0.2+	910415 675	0.4+	0.2-	960326 691	0.2+	0.4+
910408 809	0.3+	0.1+	910419 809	1.4-	0.5+	960326 691	0.2+	0.4+
910410 809	0.9+	0.5+	910419 809	0.6-	0.5+	960326 691	0.2+	0.2+
910410 809	0.7+	0.5-	910419 809	0.6-	0.4+			
910410 809	0.5+	0.3-	960322 691	0.4-	0.5-			

1991 PG₅ = 1996 PO₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	354.19856	(2000.0)	P	Q
<i>n</i>	0.20202002	ω 129.80981	+0.99695112	+0.07710848
<i>a</i>	2.8765579	Ω 225.77148	-0.07571376	+0.91894446
<i>e</i>	0.0678671	<i>i</i> 0.95540	-0.01886533	+0.38677560
<i>P</i>	4.88	<i>H</i> 15.0	<i>G</i> 0.15	<i>U</i> 6

Residuals in seconds of arc

910803 809	2.1+	0.0	910805 809	1.0-	0.5+	960810 566	0.1-	0.2+
910803 809	0.1+	0.3-	910906 809	0.1+	0.5+	960810 566	0.2-	0.2+
910803 809	0.1-	0.5-	910906 809	0.5+	0.1-	960815 566	0.6+	0.4+
910805 809	0.2-	0.2+	910906 809	0.8-	0.3+	960815 566	0.1+	0.6-
910805 809	1.0-	0.1-	960810 566	0.2-	0.8-	960815 566	0.1-	0.2+

1991 RV₁₆ = 1996 FJ₁₅

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Kobayashi

<i>M</i>	161.07693	(2000.0)	P	Q
<i>n</i>	0.29455934	ω 19.49138	+0.75316591	-0.65621563
<i>a</i>	2.2371109	Ω 21.72681	+0.58582753	+0.63722563
<i>e</i>	0.1169085	<i>i</i> 7.14864	+0.29924440	+0.40413431
<i>P</i>	3.35	<i>H</i> 15.4	<i>G</i> 0.15	<i>U</i> 5

Residuals in seconds of arc

910915 675	0.4+	0.1+	911002 675	0.6+	0.6+	960320 704	0.5+	0.1-
910915 675	0.1+	0.4+	911003 675	0.2-	0.4+	960320 704	0.8+	0.9+
910917 675	0.3-	0.8-	911003 675	0.3-	0.3-	960321 704	0.2+	1.1-
910917 675	0.1-	0.3+	960319 704	0.7-	1.4+	960321 704	0.0	0.9-
911002 675	0.3-	0.6-	960319 704	0.2+	0.9-	960321 704	0.9-	0.6+

1991 RJ₂₂ = 1969 RE₂ = 1995 WK₄₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Ichikawa

<i>M</i>	240.91749	(2000.0)	P	Q
<i>n</i>	0.31373962	ω 214.58533	+0.90644336	+0.41694270
<i>a</i>	2.1449794	Ω 120.63638	-0.36769416	+0.85742515
<i>e</i>	0.2111260	<i>i</i> 4.48113	-0.20775333	+0.30163040
<i>P</i>	3.14	<i>H</i> 13.9	<i>G</i> 0.15	<i>U</i> 5

Residuals in seconds of arc

690908 095	1.0-	2.7+	910917 675	0.3-	0.8+	951129 327	0.1-	0.5+
910909 095	0.3-	0.2+	910917 675	0.4-	0.6+	951129 327	0.8+	1.2+
910909 095	0.7+	0.6-	910917 095	0.5-	1.7-	951129 327	0.5+	0.5-
910915 675	0.7-	0.6+	910917 095	2.0+	0.7-	951130 327	1.0-	0.2-
910915 675	0.9-	0.1-	951128 327	0.1-	0.2-	951130 327	0.3+	0.3+
910915 095	0.7-	1.5-	951128 327	0.7+	0.3+	951130 327	0.8-	0.8-
910915 095	1.8+	0.1-	951128 327	0.2-	0.0			

1991 UP₂

Id. C. P. de Saint-Aignan (1994 observations)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Bowell

<i>M</i>	204.92497	(2000.0)	P	Q
<i>n</i>	0.28666748	ω 276.24675	+0.99372850	+0.07872574
<i>a</i>	2.2779827	Ω 79.25803	-0.03939243	+0.91110054
<i>e</i>	0.1395649	<i>i</i> 4.63606	-0.10465139	+0.40459617
<i>P</i>	3.44	<i>H</i> 13.5	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

911029 400	0.5-	0.6+	911104 400	1.1+	0.6+	940712 675	0.4+	1.7+
911029 400	1.0+	0.5+	911104 400	0.5-	0.3+	940712 675	0.6-	1.6-
911031 400	(2.5-	0.9-)	911113 894	0.0	0.9-	940804 675	0.1+	0.1-
911031 400	0.1-	0.4+	911113 894	0.7-	0.2-	940804 675	0.1+	0.2-
911102 400	1.0-	0.5-	911202 400	(0.6-	4.8+)			
911102 400	1.2-	0.4-	911202 400	2.1+	0.3-			

1991 YV = 1989 KJ = 1995 YN₂₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Ichikawa

<i>M</i>	42.76293	(2000.0)	P	Q
<i>n</i>	0.23293942	ω 2.29013	-0.36910555	-0.90104204
<i>a</i>	2.6160180	Ω 109.43914	+0.84881089	-0.42664358
<i>e</i>	0.1006606	<i>i</i> 13.97809	+0.37852499	+0.07809286
<i>P</i>	4.23	<i>H</i> 12.0	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

890531 675	(4.8+	0.9+)	911229 511	1.0+	0.1-	951221 566	0.5+	0.5-
890531 675	0.1-	0.8-	911229 511	0.7+	0.1+	951221 566	0.3+	0.5-
890601 675	1.2+	0.6+	911230 511	0.9+	1.4-	951221 566	0.3+	0.4-
890601 675	1.1-	0.5+	911230 511	0.3-	0.1+	951222 566	0.4-	0.5+
890602 675	(6.9+	3.4-)	920104 511	0.2-	0.0	951222 566	0.4-	0.5+
890602 675	(2.7+	3.8+)	920104 511	2.2-	1.2+	951222 566	0.4-	0.7+

1992 AN = 1989 CK₆

Id. C. P. de Saint-Aignan (1994 observations), G. V. Williams

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	202.18969	(2000.0)	P	Q
<i>n</i>	0.27513556	ω 241.07413	+0.93500507	-0.00389373
<i>a</i>	2.3411985	Ω 117.10670	+0.07928094	+0.97692716
<i>e</i>	0.2792328	<i>i</i> 23.47633	-0.34565887	+0.21353724
<i>P</i>	3.58	<i>H</i> 12.5	<i>G</i> 0.15	<i>U</i> 3

Residuals in seconds of arc

890204 033	0.5-	1.3+	920109 675	0.2-	1.3-	940712 675	0.7-	0.4-
890204 033	0.3+	0.5-	920111 675	0.9-	1.8-	940712 675	1.3-	0.2-
890204 033	0.5+	1.6-	920130 675	0.2+	1.4+	940805 675	0.7+	0.7-
890204 033	0.2-	1.1-	920130 675	0.8+	0.3+	940805 675	0.9+	1.0-
920109 675	0.1+	0.1+	920201 675	0.3+	0.2-			

1992 BE₂ = 1977 RW₁₆ = 1996 HV₂₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	179.17320	(2000.0)	P	Q
<i>n</i>	0.29586573	ω 263.01452	-0.11616420	-0.99299950
<i>a</i>	2.2305208	Ω 193.71168	+0.94319662	-0.10353543
<i>e</i>	0.0754106	<i>i</i> 5.17925	+0.31126517	-0.05685420
<i>P</i>	3.33	<i>H</i> 15.5	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

770909 675	0.7-	0.4-	920206 809	0.3-	0.7-	960421 809	0.1-	1.1+
770910 675	0.7+	0.2+	920206 809	0.5-	0.4-	960421 809	0.3-	0.1+
920130 809	0.8+	1.3-	960418 691	1.1-	0.1+	960522 809	0.1-	1.4-
920130 809	0.9-	0.6-	960418 691	1.2-	0.2+	960522 809	1.5+	1.4-
920130 809	1.4-	0.2-	960418 691	1.0-	0.2-	960522 809	0.8+	1.2-
920202 809	1.5+	0.8+	960420 809	0.7-	0.6+	960523 809	1.0+	0.2-
920202 809	0.4+	1.0+	960420 809	1.5-	0.5+	960523 809	1.9+	0.3-

920202 809 0.7+ 0.7+ 960420 809 1.0- 0.1- 960523 809 1.2+ 0.0
 920206 809 0.5- 0.2+ 960421 809 0.4+ 1.8+

1992 CS₂ = 1995 YQ₂₀

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

M 327.71790 (2000.0) **P** Ichikawa **Q**
n 0.24637855 ω 331.26675 -0.60353348 +0.79345548
a 2.5200014 Ω 261.50176 -0.71550866 -0.58244937
e 0.0646898 *i* 4.55743 -0.35184470 -0.17658180
P 4.00 *H* 14.4 *G* 0.15 *U* 5

Residuals in seconds of arc

920202 809 0.0 0.2- 920206 809 0.5+ 0.4+ 951225 691 0.1- 0.2+
 920202 809 0.1+ 0.4- 920212 809 0.4+ 0.6+ 951225 691 0.0 0.1+
 920202 809 0.9- 0.2+ 920212 809 0.9- 0.7- 951230 691 0.0 0.2-
 920206 809 0.6+ 0.1- 920212 809 0.0 0.1- 951230 691 0.1+ 0.0
 920206 809 0.3+ 0.3+ 951225 691 0.0 0.1- 951230 691 0.0 0.0

1992 DO₇ = 1995 UX₃₀

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

M 248.55230 (2000.0) **P** Ichikawa **Q**
n 0.17477882 ω 120.44781 -0.70300005 +0.70882372
a 3.1681825 Ω 104.76309 -0.67133478 -0.63449529
e 0.0924844 *i* 3.43655 -0.23473503 -0.30819582
P 5.64 *H* 15.2 *G* 0.15 *U* 5

Residuals in seconds of arc

920229 809 0.7+ 0.1- 951020 691 0.1+ 0.3- 951025 691 0.2- 0.1+
 920303 809 0.8- 0.3+ 951020 691 0.0 0.2- 951025 691 0.0 0.3+
 920307 809 0.2+ 0.1- 951020 691 0.3- 0.1- 951025 691 0.3+ 0.1+

1992 EH₄ = 1996 LM₅

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

M 126.51475 (2000.0) **P** Kobayashi **Q**
n 0.27226765 ω 12.04823 -0.68204414 -0.72985821
a 2.3576103 Ω 120.97562 +0.66642398 -0.64623794
e 0.1154070 *i* 3.08041 +0.30115589 -0.22289801
P 3.62 *H* 14.5 *G* 0.15 *U* 5

Residuals in seconds of arc

920227 675 0.1+ 0.3+ 920304 809 0.2- 0.5+ 960610 809 0.1+ 0.1+
 920227 675 0.4- 0.6- 920306 809 0.2+ 0.0 960610 809 0.2- 0.1+
 920228 675 0.3+ 0.7- 960608 809 0.2+ 0.3+ 960610 809 0.0 0.4-
 920228 675 0.6+ 0.5+ 960608 809 0.1- 0.2+
 920301 809 0.5- 0.0 960608 809 0.0 0.3-

1992 ER₈ = 1975 VL₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

M 213.36830 (2000.0) **P** Williams **Q**
n 0.20580387 ω 237.51801 +0.54515314 +0.83699263
a 2.8411905 Ω 65.58847 -0.75061617 +0.51253344
e 0.0516448 *i* 2.98688 -0.37334089 +0.19171023
P 4.79 *H* 12.5 *G* 0.15 *U* 3

Residuals in seconds of arc

751102 095 0.0 0.1- 890902 675 0.0 0.6+ 920305 809 0.0 0.1+
 890731 675 0.3- 0.6- 890902 675 0.0 0.2+ 920307 809 0.1+ 0.0
 890731 675 0.2+ 0.1- 920302 809 0.1- 0.1- 920406 809 0.0 0.1+

1992 EX₈ = 1977 QE₄ = 1996 DV₆

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

M 104.32171 (2000.0) **P** Williams **Q**
n 0.23941270 ω 317.81603 -0.22024685 -0.96241848
a 2.5686480 Ω 144.04497 +0.95156616 -0.24780404
e 0.0534798 *i* 15.69941 +0.21450681 +0.11110275
P 4.12 *H* 12.5 *G* 0.15 *U* 3

Residuals in seconds of arc

770818 095 0.0 0.2+ 920404 809 2.6- 2.1- 960216 010 0.7- 1.1+
 920302 809 1.2+ 0.5+ 951231 691 0.5- 0.5- 960216 010 0.1+ 1.3+
 920305 809 0.4+ 1.4+ 951231 691 0.6- 0.5- 960217 010 0.7+ 0.9-
 920307 809 0.3+ 0.7+ 951231 691 0.6- 0.5- 960217 010 0.6+ 0.3-
 920401 095 0.4+ 0.7- 960216 010 0.3- 0.2- 960217 010 0.9+ 0.1+

1992 EK₁₂ = 1996 EE₁₁

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

M 167.63544 (2000.0) **P** Kobayashi **Q**
n 0.24535790 ω 243.74763 +0.74090927 -0.66703147
a 2.5269851 Ω 157.81256 +0.66604693 +0.71481564
e 0.1394660 *i* 11.95826 +0.08622610 +0.21001813
P 4.02 *H* 15.9 *G* 0.15 *U* 6

Residuals in seconds of arc

920229 809 0.5+ 0.4+ 920308 809 0.6+ 0.6+ 960317 691 0.2- 0.2+
 920306 809 0.2- 0.7+ 920309 809 0.9+ 0.3- 960317 691 0.3- 0.2+
 920306 691 0.8- 0.4- 960312 691 0.4+ 0.1+ 960317 691 0.1- 0.1+
 920306 691 0.6- 0.6- 960312 691 0.2+ 0.2-
 920306 691 0.4- 0.4- 960312 691 0.0 0.3-

1992 EB₂₆ = 1996 FA₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

M 115.19411 (2000.0) **P** Kobayashi **Q**
n 0.25457913 ω 120.02578 -0.32497240 -0.94523035
a 2.4655899 Ω 348.81134 +0.80443219 -0.25929895
e 0.1854098 *i* 9.05458 +0.49727436 -0.19825144
P 3.87 *H* 15.3 *G* 0.15 *U* 6

Residuals in seconds of arc

920229 809 0.4+ 0.3- 960323 566 1.0- 0.1+ 960324 566 1.0+ 0.2+
 920303 809 0.4- 0.6+ 960323 566 0.7- 0.1- 960324 566 0.7+ 0.1+
 920308 809 0.2- 0.0 960323 566 0.6- 0.4-
 920309 809 0.3+ 0.3- 960324 566 0.6+ 0.1+

1992 GC₅ = 1996 BS

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

M 319.38884 (2000.0) **P** Kobayashi **Q**
n 0.18527779 ω 134.98399 -0.91483147 +0.40195337
a 3.0473370 Ω 68.75238 -0.38127537 -0.82791410
e 0.0624976 *i* 2.39495 -0.13308823 -0.39114156
P 5.32 *H* 12.9 *G* 0.15 *U* 5

Residuals in seconds of arc

920404 809 0.0 0.4+ 920425 809 0.3- 1.0+ 920503 809 0.4- 0.5-
 920404 809 0.3- 0.3- 920501 809 2.0+ 0.4+ 920503 809 0.2- 0.6-
 920404 809 0.7- 0.1- 920501 809 2.2+ 0.4+ 960116 817 0.2- 0.1-
 920406 809 1.1+ 0.8- 920501 809 2.4+ 0.3+ 960116 817 0.0 0.3+
 920406 809 0.5+ 0.1- 920502 809 1.5- 0.5- 960116 817 0.2+ 0.2+

920406 809	0.2−	0.1+	920502 809	1.1−	0.7−	960120 709	0.0	0.2−
920425 809	1.0−	0.8+	920502 809	0.9−	0.9−	960120 709	0.0	0.3−
920425 809	0.8−	0.8+	920503 809	0.7−	0.0			

1992 QL₂ = 1935 SG₂ = 1971 QG₁ = 1987 SS₂₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams								
<i>M</i>	299.00198		(2000.0)	P		Q		
<i>n</i>	0.18926731	ω	77.90237	+0.75871129		+0.63518392		
<i>a</i>	3.0043623	Ω	242.47934	−0.64290743		+0.69434446		
<i>e</i>	0.1013298	<i>i</i>	9.38158	−0.10501053		+0.33827083		
<i>P</i>	5.21	<i>H</i>	11.5	<i>G</i>	0.15	<i>U</i>	3	
Residuals in seconds of arc								
350923 754	0.1+	0.4−	920826 095	1.4−	0.2−	920828 095	0.3−	0.3+
710819 095	0.7+	1.9−	920826 095	1.2−	0.9+	920828 095	1.6+	1.1+
870923 095	0.2+	0.5−	920828 675	0.0	1.0−			
920823 675	0.3+	0.9+	920828 675	0.0	0.6+			

1992 RT₇ = 1987 WR₂ = 1994 BN

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams								
<i>M</i>	243.54282		(2000.0)	P		Q		
<i>n</i>	0.17657869	ω	96.16855	+0.67897390		−0.72745935		
<i>a</i>	3.1466168	Ω	310.56341	+0.61148558		+0.63496901		
<i>e</i>	0.2266636	<i>i</i>	7.48650	+0.40630018		+0.26003316		
<i>P</i>	5.58	<i>H</i>	12.0	<i>G</i>	0.15	<i>U</i>	3	
Residuals in seconds of arc								
871126 033	0.5+	0.6+	920928 095	0.2−	0.4+	940118 098	0.8+	0.3−
871126 033	0.3−	0.1+	921020 095	0.9+	0.6+	940118 098	0.6−	0.1+
920904 095	0.1−	0.5−	940116 098	0.6+	0.3−			
920928 095	0.3−	1.0−	940116 098	1.1−	0.3−			

1992 ST

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Bardwell								
<i>M</i>	348.12766		(2000.0)	P		Q		
<i>n</i>	0.24120397	ω	16.08536	+0.68297224		−0.72677659		
<i>a</i>	2.5559151	Ω	30.95169	+0.65352861		+0.56328172		
<i>e</i>	0.3917019	<i>i</i>	8.17201	+0.32626565		+0.39307696		
<i>P</i>	4.09	<i>H</i>	14.0	<i>G</i>	0.15	<i>U</i>	2	
Residuals in seconds of arc								
920923 675	0.1−	0.2+	921121 675	(3.3+	0.1−)	930130 658	0.0	0.5−
920923 675	0.2−	0.1+	921128 587	0.6+	1.0−	930130 658	1.5+	0.1−
920924 675	1.7+	0.6−	921128 587	0.1+	1.3−	930130 658	0.4−	0.6−
920924 675	0.3−	1.1−	921129 801	0.0	0.2+	930131 658	1.3−	0.4+
920925 675	0.6+	0.5+	921129 801	0.0	0.1−	930131 658	0.7−	0.9+
920925 675	0.7−	0.1+	921201 658	0.3−	0.5+	930226 658	0.6+	0.4−
921028 675	0.1−	0.4+	921201 658	0.2−	0.5+	930226 658	0.7+	0.3−
921028 675	0.4+	0.3+	921201 658	0.3−	0.5+	930226 658	0.1−	0.4−
921119 675	(2.6+	0.0)	921201 658	0.3−	0.5+	960818 801	0.7+	0.6+
921119 675	(2.7+	0.3−)	921221 801	0.1+	0.2+	960819 801	0.4−	1.0−
921121 801	0.9−	0.5+	921221 801	0.0	0.3+	960819 801	0.2−	0.1+
921121 801	0.8−	0.7+	921227 801	0.1+	0.9−			
921121 675	(2.3+	1.9−)	921227 801	1.0+	0.5−			

1992 ST₂₆ = 1979 YY₇ = 1980 BC₄ = 1987 QK₃ = 1994 CX₇

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams								
<i>M</i>	302.31744		(2000.0)	P		Q		
<i>n</i>	0.21653881	ω	126.44421	+0.69649859		−0.71212386		
<i>a</i>	2.7464955	Ω	279.15524	+0.62647202		+0.66337789		
<i>e</i>	0.1026421	<i>i</i>	5.12225	+0.34988930		+0.22980291		
<i>P</i>	4.55	<i>H</i>	12.0	<i>G</i>	0.15	<i>U</i>	1	
Residuals in seconds of arc (or two decimals in units of degrees)								
791223 095	1.4+	0.4+	870830 809	0.5+	0.1+	921020 095	0.3+	0.8−
800122 095	1.3−	0.4+	870830 809	0.5+	0.9−	921028 095	0.6−	0.3+
870829 809	0.8−	0.0	870831 809	0.8−	0.3−	940208 400	0.5+	0.7+
870829 809	0.1−	0.6+	870831 809	0.3+	0.3−	940208 400	0.9−	1.8−
870829 809	0.5+	1.0+	920928 095	0.2+	0.0			
870830 809	0.2−	0.4−	920928 095	0.2+	0.0			

1993 BC₅ = 1996 NL₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams								
<i>M</i>	277.04310		(2000.0)	P		Q		
<i>n</i>	0.17022828	ω	283.14498	+0.20135765		−0.97951110		
<i>a</i>	3.2243950	Ω	155.23777	+0.90200512		+0.18398115		
<i>e</i>	0.1630200	<i>i</i>	0.49527	+0.38189248		+0.08190818		
<i>P</i>	5.79	<i>H</i>	13.0	<i>G</i>	0.15	<i>U</i>	5	
Residuals in seconds of arc								
930127 010	0.1+	1.1−	930220 010	1.0+	0.3−	960714 809	0.8−	1.8−
930127 010	0.8−	0.4−	930220 010	0.5+	0.5−	960714 809	0.9−	1.5−
930127 010	0.2−	1.6−	930220 010	0.9+	0.2−	960716 809	0.8+	1.2+
930128 010	1.3+	0.6+	930222 010	1.1−	0.8+	960716 809	0.3−	1.7+
930128 010	0.1+	1.3+	930223 010	1.3−	0.3−	960716 809	0.2+	0.7+
930128 010	0.8−	0.8+	960714 809	1.4+	1.3−			

1993 FD₄₄ = 1996 AP₁₄

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Kobayashi								
<i>M</i>	253.69893		(2000.0)	P		Q		
<i>n</i>	0.25105689	ω	302.41901	+0.55003664		+0.83513988		
<i>a</i>	2.4885972	Ω	0.95238	−0.74384722		+0.49047133		
<i>e</i>	0.3148447	<i>i</i>	3.56276	−0.37967223		+0.24895631		
<i>P</i>	3.93	<i>H</i>	14.7	<i>G</i>	0.15	<i>U</i>	5	
Residuals in seconds of arc								
930319 809	0.0	0.0	960112 691	0.2−	0.2−	960118 691	0.0	0.2+
930320 809	0.0	0.4−	960112 691	0.3−	0.1+	960118 691	0.2+	0.3−
930324 809	0.1−	0.4+	960112 691	0.6+	0.2+	960118 691	0.3−	0.0

1993 MG₁

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5 Williams								
<i>M</i>	274.45577		(2000.0)	P		Q		
<i>n</i>	0.22385437	ω	15.56092	+0.38759747		+0.88710974		
<i>a</i>	2.6863277	Ω	277.78243	−0.87045771		+0.26272653		
<i>e</i>	0.3842116	<i>i</i>	14.65144	−0.30343299		+0.37948793		
<i>P</i>	4.40	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>	2	
Residuals in seconds of arc								
890930 675	0.4−	0.7+	930722 675	0.3−	0.2+	931011 801	0.1+	0.0
890930 675	1.1−	2.0+	930722 675	(2.4+	0.7−)	931012 801	0.0	0.2−
891122 675	0.8+	0.3+	930724 675	0.5+	0.4+	931013 801	0.4+	0.3+
891122 675	0.5+	0.3−	930724 675	0.2+	0.4+	931014 801	0.2+	0.3+

M.P.C. 27715

930623 675	0.9+	0.4+	930814 801	0.6+	1.6-	931019 801	0.8+	1.1-
930623 675	0.1-	1.0-	930814 801	0.3+	0.4+	931019 801	0.0	0.0
930626 675	0.8-	1.0+	930820 801	0.0	0.0	931110 801	0.3-	0.2-
930626 675	1.0-	0.9+	930820 801	0.1+	0.2+	931110 801	0.1-	0.0
930716 675	(2.4-	1.5-)	930912 801	0.1-	0.2-	960220 608	0.2+	0.1-
930716 675	1.0-	1.4-	930912 801	0.1+	0.1-	960220 608	0.5+	1.8+
930720 675	(2.3-	1.3+)	930913 801	0.1+	0.4-			
930720 675	0.3-	1.7+	930913 801	0.1+	0.3-			

1993 PC₅ = 1996 CC₂

Id. T. Kobayashi

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Nakano

<i>M</i>	220.23653		(2000.0)	P		Q	
<i>n</i>	0.18593067	ω	162.39024	+0.87581705		+0.48132176	
<i>a</i>	3.0401991	Ω	168.63475	-0.46174916		+0.85713060	
<i>e</i>	0.1236606	<i>i</i>	10.43475	-0.14047137		+0.18345708	
<i>P</i>	5.30	<i>H</i>	12.1	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

930815 010	0.2+	0.3+	930819 010	1.4-	0.0	960215 566	0.3+	0.1+
930815 010	0.3+	1.8+	930820 010	2.1-	0.8-	960215 566	0.3+	0.1-
930816 010	1.2+	0.2-	930909 691	0.3+	0.1+	960216 566	0.6-	0.0
930816 010	1.1+	0.5-	930909 691	0.3+	0.0	960216 566	0.2-	0.1+
930816 010	1.1+	0.8-	930909 691	0.5+	0.2+	960216 566	0.2-	0.0
930819 010	1.3-	0.1-	960215 566	0.4+	0.2-			

1993 TU = 1995 DQ₃ = 1996 PH₅

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Urata

<i>M</i>	49.18579		(2000.0)	P		Q	
<i>n</i>	0.30307655	ω	327.46964	+0.53789968		+0.84239399	
<i>a</i>	2.1949999	Ω	335.02623	-0.75622065		+0.46529480	
<i>e</i>	0.1279644	<i>i</i>	4.37288	-0.37255103		+0.27179609	
<i>P</i>	3.25	<i>H</i>	14.0	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

931011 400	1.7-	2.1-	950224 098	0.6+	0.2+	960810 905	0.6+	0.3-
931011 400	0.5-	0.8-	950224 098	0.6-	0.1+	960816 385	1.6-	0.5+
931012 400	0.4+	1.8+	950225 098	(2.5-	5.4-)	960816 385	1.1-	0.4+
931012 400	(2.8+	1.1+)	950226 098	(1.7-	5.8-)	960816 385	1.6-	0.6+
931014 675	1.1+	0.0	950227 098	0.3-	0.4-	960818 905	1.2+	0.9-
931014 675	1.3+	0.6-	950227 098	0.6-	1.7-	960818 905	1.1-	0.3-
931015 675	0.7+	0.7-	960808 905	0.8-	0.2-	960822 905	0.7+	0.5-
931020 399	1.0-	0.8+	960808 905	1.2+	0.5+	960822 905	1.0+	0.1-
931020 399	0.3-	1.4+	960810 905	2.2+	1.0-			

1993 TM₁₂ = 1986 PG₃ = 1996 NE₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	291.03023		(2000.0)	P		Q	
<i>n</i>	0.29552487	ω	295.33156	+0.34589406		-0.93777661	
<i>a</i>	2.2322356	Ω	134.39603	+0.87548350		+0.31087084	
<i>e</i>	0.1143798	<i>i</i>	2.44921	+0.33746989		+0.15470733	
<i>P</i>	3.34	<i>H</i>	14.0	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

860801 675(29.3-	4.4-)	931011 809	1.0-	0.5+	960716 809	0.1-	1.8+
860801 675(28.2-	1.3-)	931013 675	0.1-	1.9-	960809 566	0.3+	0.3-
860802 675	0.0	931013 675	0.2+	1.4-	960809 566	0.5+	0.1-

1996 AUG. 28

860802 675	0.7+	0.2-	931015 675	0.0	1.6-	960809 566	0.0	0.2-
931009 809	0.9+	1.1+	960714 809	0.8+	0.0	960817 566	0.4-	0.0
931009 809	0.2-	0.9+	960714 809	0.3-	0.0	960817 566	0.4-	0.0
931009 809	0.9-	0.6+	960714 809	0.5-	0.7-	960817 566	0.4-	0.3-
931011 809	0.5+	1.3+	960716 809	(0.2+	2.6+)			
931011 809	0.4+	0.8+	960716 809	0.2-	1.9+			

1993 TT₁₉ = 1996 GN

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Kobayashi

<i>M</i>	120.80614		(2000.0)	P		Q	
<i>n</i>	0.18791550	ω	62.23133	-0.40763028		-0.91243731	
<i>a</i>	3.0187535	Ω	51.87049	+0.82086581		-0.38341950	
<i>e</i>	0.0254964	<i>i</i>	2.62280	+0.40002109		-0.14299525	
<i>P</i>	5.24	<i>H</i>	14.3	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

931009 809	0.9+	0.2+	931011 809	1.6-	0.4-	960409 608	1.0-	0.3-
931009 809	0.3+	0.1+	931020 809	0.7+	0.3+	960410 608	1.2+	0.2-
931009 809	0.9-	1.6-	931020 809	0.1-	0.4-	960410 608	0.7+	0.6+
931011 809	0.8+	0.8+	931020 809	0.8-	0.3-			
931011 809	0.8+	1.3+	960409 608	0.8-	0.1-			

1993 TS₂₀ = 1992 GS = 1992 GR₆ = 1996 PL₆

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	64.69029		(2000.0)	P		Q	
<i>n</i>	0.28551129	ω	118.31796	-0.07980739		+0.99658530	
<i>a</i>	2.2841285	Ω	147.08366	-0.92766103		-0.06647902	
<i>e</i>	0.1119377	<i>i</i>	2.23355	-0.36479556		-0.04897229	
<i>P</i>	3.45	<i>H</i>	15.5	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

920405 675	1.5+	0.1-	931009 809	0.2+	0.2-	931020 809	1.8-	1.2-
920405 675	0.1+	1.3-	931011 809	0.3+	0.3+	960812 566	0.3-	0.2+
920405 372	(6.7-	0.9+)	931011 809	0.2+	0.1-	960812 566	0.0	0.3+
920405 372	1.5-	1.6+	931011 809	0.2-	0.7-	960812 566	0.2+	0.5+
931009 809	2.4+	0.8+	931011 809	0.1+	0.8+	960820 566	0.0	0.4-
931009 809	1.7+	1.9+	931011 809	1.1-	0.1+	960820 566	0.1-	0.2-
931009 809	1.6+	1.0+	931011 809	1.0-	0.0	960820 566	0.2+	0.6-
931009 809	0.4-	0.4-	931020 809	1.4-	1.0-			
931009 809	0.4+	0.1+	931020 809	1.1-	1.2-			

1993 TJ₂₄ = 1996 PY₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	341.41915		(2000.0)	P		Q	
<i>n</i>	0.30720495	ω	263.49347	+0.89174883		-0.45133634	
<i>a</i>	2.1752904	Ω	123.33128	+0.42918016		+0.82048106	
<i>e</i>	0.1177520	<i>i</i>	2.25373	+0.14348666		+0.35086513	
<i>P</i>	3.21	<i>H</i>	16.5	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

931009 809	0.1+	1.0-	931011 809	0.3+	0.5+	960814 566	0.8+	0.1-
931009 809	0.4-	0.5-	931020 809	0.0	0.3+	960814 566	0.7+	0.1+
931009 809	0.3-	0.7-	931020 809	0.5-	0.9+	960815 566	0.7-	0.1+
931011 809	0.9+	0.3+	931020 809	0.4-	0.5+	960815 566	0.8-	0.3+
931011 809	0.4+	0.4-	960814 566	0.7+	0.1-	960815 566	0.8-	0.1-

1993 UZ₅ = 1996 PK₅

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	180.93736	(2000.0)	P	Q
<i>n</i>	0.28391936	ω 46.92543	-0.98515429	-0.15174682
<i>a</i>	2.2926585	Ω 124.19179	+0.11525082	-0.93118011
<i>e</i>	0.0336991	<i>i</i> 5.56919	+0.12723314	-0.33147625
<i>P</i>	3.47	<i>H</i> 16.0	<i>G</i> 0.15	<i>U</i> 6

Residuals in seconds of arc

931010 809	1.8+	0.1-	931021 809	1.0-	0.9-	960819 566	0.2+	0.1+
931010 809	1.2-	0.3+	931021 809	0.2+	0.4+	960819 566	0.2-	0.0
931010 809	1.1-	1.1-	931021 809	1.6+	0.1-	960819 566	0.1+	0.2-
931020 809	0.6-	0.1+	960809 566	0.0	0.1+	960820 566	0.2+	0.6-
931020 809	0.5+	0.4+	960809 566	0.2-	0.0	960820 566	0.3-	0.0
931020 809	0.3-	0.9+	960809 566	0.5+	0.5+	960820 566	0.3-	0.3+

1993 UF₇ = 1986 RL₄ = 1996 OM₁

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Kobayashi

<i>M</i>	315.14266	(2000.0)	P	Q
<i>n</i>	0.29635244	ω 267.04052	+0.60336159	-0.79622634
<i>a</i>	2.2280780	Ω 145.72212	+0.75944782	+0.55668490
<i>e</i>	0.1097609	<i>i</i> 4.52965	+0.24329776	+0.23690827
<i>P</i>	3.33	<i>H</i> 14.7	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

860906 071	0.1+	1.2+	931020 809	0.9+	0.3+	960720 327	0.1-	0.2+
860906 071	0.2+	2.4-	931020 809	0.3-	0.1+	960720 327	0.5-	0.9+
931010 809	0.8-	1.1-	931021 809	0.4+	0.2+	960721 327	0.3-	0.5-
931010 809	1.2-	1.0-	931021 809	0.9+	0.8+	960721 327	0.4+	0.2-
931010 809	0.7-	0.4-	931021 809	0.3-	1.2+	960721 327	0.1+	0.4-
931020 809	0.8+	0.1+	960720 327	0.1+	1.0+	960721 327	0.1-	0.4+

1993 VB₂ = 1991 BB₂ = 1996 NJ₃

Id. S. Nakano, G. V. Williams

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	303.15469	(2000.0)	P	Q
<i>n</i>	0.28064662	ω 167.76128	+0.58039909	-0.81365904
<i>a</i>	2.3104478	Ω 246.75120	+0.74406421	+0.54639788
<i>e</i>	0.0876662	<i>i</i> 2.06477	+0.33091591	+0.19851528
<i>P</i>	3.51	<i>H</i> 14.0	<i>G</i> 0.15	<i>U</i> 6

Residuals in seconds of arc

910121 511	(3.0+	1.6-)	931116 399	1.3+	0.5+	960714 809	2.4-	1.9-
910121 511	0.2+	0.5+	931116 399	0.2-	0.1+	960714 809	2.4-	1.5-
910123 511	(3.9-	1.2+)	931122 399	0.8-	0.5+	960716 809	3.0+	1.0+
931111 399	0.2-	0.9-	931122 399	0.4+	1.5+	960716 809	1.8+	2.3+
931111 399	0.7-	1.7-	960714 809	1.5-	1.8-	960716 809	1.3+	2.6+

1993 VE₂ = 1996 KC₉

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	309.78980	(2000.0)	P	Q
<i>n</i>	0.23860137	ω 117.22640	+0.94017010	+0.29740488
<i>a</i>	2.5744675	Ω 226.00552	-0.33108464	+0.91263077
<i>e</i>	0.1899031	<i>i</i> 13.35934	+0.08039365	+0.28045573
<i>P</i>	4.13	<i>H</i> 13.5	<i>G</i> 0.15	<i>U</i> 6

Residuals in seconds of arc

931111 399	0.2+	0.7+	931122 399	0.7+	0.7+	960522 809	0.6-	0.3+
931111 399	0.1+	0.3-	931122 399	0.2-	0.3-	960523 809	0.3+	0.2+
931116 399	0.4-	0.9-	960522 809	0.9+	0.2+	960523 809	0.2-	0.4+
931116 399	0.3-	0.1+	960522 809	0.2-	1.2-	960523 809	0.2-	0.1+

1993 VN₂ = 1982 QR₁ = 1996 PT

Id. G. V. Williams, S. Nakano

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	359.27865	(2000.0)	P	Q
<i>n</i>	0.28044950	ω 203.24905	+0.99894486	+0.04077559
<i>a</i>	2.3115304	Ω 154.38681	-0.03056181	+0.93365750
<i>e</i>	0.1662657	<i>i</i> 2.80182	-0.03428046	+0.35583848
<i>P</i>	3.51	<i>H</i> 14.0	<i>G</i> 0.15	<i>U</i> 3

Residuals in seconds of arc

820818 809	0.4-	1.2-	931124 411	0.2+	0.2-	960716 809	0.2-	1.2+
820818 809	0.5+	0.5-	931204 411	1.0-	0.6+	960716 809	0.2+	1.5+
820818 809	0.7+	0.7-	931204 411	0.0	0.4+	960809 566	0.1-	0.7-
931115 411	0.8+	1.0-	931204 411	0.6+	1.6+	960809 566	0.2-	0.7-
931115 411	0.2-	1.6-	931215 411	0.2+	1.5+	960809 566	0.5-	0.7-
931118 411	1.6-	1.0+	931215 411	0.4+	0.1-	960812 566	0.5+	0.8-
931118 411	0.1+	0.6+	931215 411	1.5-	0.9-	960812 566	0.1-	0.4-
931121 411	1.3+	0.9+	960714 809	0.7+	2.0+	960812 566	0.3+	0.7-
931121 411	0.0	1.0-	960714 809	0.0	1.0+	960817 566	0.8-	0.4-
931124 411	0.4-	0.7+	960714 809	0.4+	1.7+	960817 566	0.7-	0.4-
931124 411	0.9+	0.3-	960716 809	0.5+	1.9+	960817 566	0.8-	0.2-

1994 AC₁ = 1996 NK₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	322.49128	(2000.0)	P	Q
<i>n</i>	0.27019571	ω 104.14173	+0.69177742	-0.71223410
<i>a</i>	2.3696475	Ω 301.44188	+0.59698282	+0.65681760
<i>e</i>	0.1907823	<i>i</i> 8.01934	+0.40627026	+0.24761508
<i>P</i>	3.65	<i>H</i> 14.0	<i>G</i> 0.15	<i>U</i> 5

Residuals in seconds of arc

940107 411	1.2-	1.4-	940114 411	1.0-	1.0-	960714 809	0.1-	0.4+
940107 411	0.5+	0.4+	940114 411	0.0	0.2+	960714 809	0.9-	0.2+
940107 411	0.1+	0.4-	940114 411	0.9-	1.3-	960714 809	1.4-	0.5+
940108 411	0.3-	0.4+	940130 411	1.3+	1.0+	960716 809	1.1+	0.4+
940108 411	0.6+	0.1+	940130 411	1.0+	0.2+	960716 809	0.8+	0.5-
940108 411	1.5+	2.2+	940130 411	1.5-	0.3-	960716 809	0.4+	0.9-

1994 AP₁ = 1996 PB₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	178.55959	(2000.0)	P	Q
<i>n</i>	0.19086975	ω 192.77966	-0.85385388	-0.46775887
<i>a</i>	2.9875234	Ω 316.82211	+0.50209599	-0.62451175
<i>e</i>	0.2149285	<i>i</i> 19.49278	+0.13723398	-0.62544921
<i>P</i>	5.16	<i>H</i> 12.5	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

940108 402	0.1+	0.4+	940207 900	0.8+	0.3+	960813 566	0.2+	0.0
940108 402	1.3+	1.5-	940212 675	0.6-	1.0-	960813 566	0.5-	0.0
940109 402	0.9-	0.5+	940212 675	0.1-	0.4-	960813 566	0.1-	0.1-
940109 402	0.2+	0.7+	940214 675	0.4-	0.3-	960814 566	0.1+	0.1+

940115 402 0.6− 0.9−	940214 675 0.1− 0.3−	960814 566 0.0 0.1+
940115 402 0.5− 0.8+	940218 900 0.2+ 0.8+	960814 566 0.2+ 0.2−
940207 900 0.2+ 0.7+	940218 900 0.4+ 0.1+	

1994 BJ₄ = 1996 OC

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.18294082	ω	292.22983	−0.87009892	+0.47072312		
<i>a</i>	3.0732340	Ω	276.11693	−0.38053726	−0.82998192		
<i>e</i>	0.0438156	<i>i</i>	8.44992	−0.31323996	−0.29924864		
<i>P</i>	5.39	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

940116 010 1.0+ 1.3−	940131 010 1.9− 0.9+	960726 595 0.0 0.3−
940116 010 0.1− 1.2−	960716 595 0.9− 0.3−	960726 595 0.9+ 0.5+
940117 010 1.4+ 0.0	960716 595 0.7− 0.5−	960806 595 1.0+ 0.3+
940117 010 0.8+ 0.3−	960717 595 0.2− 0.8−	960807 595 1.2+ 0.0
940117 010 0.6+ 1.6−	960717 595 0.9− 1.1−	960808 595 0.1+ 0.9+
940131 010 0.4− 1.3+	960726 595 1.1− 0.2+	960809 595 0.7+ 0.6+
940131 010 1.7− 1.6+	960726 595 0.2+ 0.0	

1994 CA₁

Id. D. D. Balam (1996 observations)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.26529933	ω	66.68424	−0.12762601	+0.99158747		
<i>a</i>	2.3987148	Ω	196.02816	−0.93614850	−0.12762210		
<i>e</i>	0.0676607	<i>i</i>	4.48356	−0.32762416	−0.02160743		
<i>P</i>	3.72	<i>H</i>	15.5	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

940208 658 0.6+ 0.2−	940218 658 0.9+ 0.5−	940307 658 0.0 0.7+
940208 658 0.7+ 0.3−	940218 658 1.0+ 0.7−	940319 413 0.2− 0.3−
940208 658 1.0+ 0.1−	940220 413 0.1− 0.5−	940319 413 0.3− 0.3−
940210 691 0.8− 0.4+	940220 413 0.7− 0.4−	940319 413 0.4− 0.3−
940210 691 1.0− 0.2+	940221 413 0.2+ 0.2−	960824 658 0.4+ 0.4−
940210 691 0.6− 0.0	940221 413 0.2+ 0.3−	960824 658 0.3− 0.2+
940210 658 0.7− 0.3+	940306 658 0.0 0.6+	960824 658 0.2+ 0.4−
940210 658 1.0− 0.2+	940306 658 0.3+ 0.6+	960825 658 0.6− 0.2+
940210 658 0.8− 0.2+	940306 658 0.6+ 0.7+	960825 658 0.6+ 0.3+
940218 658 0.8+ 0.4−	940307 658 0.1− 1.1+	960825 658 0.3− 0.4+
940218 658 0.5+ 0.9−	940307 658 0.1+ 0.8+	

1994 UC₂ = 1996 GF

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.28399578	ω	171.88236	+0.51698074	−0.85213114		
<i>a</i>	2.2922473	Ω	246.95372	+0.78031836	+0.50817268		
<i>e</i>	0.1867351	<i>i</i>	5.06636	+0.35190079	+0.12503217		
<i>P</i>	3.47	<i>H</i>	14.6	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

941031 399 0.5+ 0.2−	941123 399 0.1− 0.4−	960409 608 0.5− 0.0
941031 399 1.2+ 0.7+	941123 399 1.0+ 0.9+	960409 608 0.8+ 1.1−
941107 399 1.1− 0.7−	960407 608 0.3− 0.5+	
941107 399 1.4− 0.3−	960407 608 0.0 0.5+	

1994 YJ₁ = 1977 AX₁ = 1984 QV = 1996 FB₁₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Kobayashi

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.21686729	ω	2.95417	+0.78030035	−0.62292749		
<i>a</i>	2.7437214	Ω	35.77027	+0.57182983	+0.67462029		
<i>e</i>	0.0585908	<i>i</i>	5.45931	+0.25326274	+0.39604142		
<i>P</i>	4.54	<i>H</i>	13.2	<i>G</i>	0.15	<i>U</i>	1

Residuals in seconds of arc

770113 095 0.2− 1.5−	941231 411 0.4− 0.4+	960322 691 0.2+ 0.0
840824 801 0.2− 1.3−	950101 411 0.2− 0.5+	960322 691 0.1+ 0.0
840825 801 1.2− 0.2+	950101 411 0.1+ 0.4+	960326 691 0.2− 0.1−
840826 801 1.9+ 0.0	950101 411 1.2− 0.0	960326 691 0.2− 0.1−
840829 801(54.0− 7.4−)	950105 411 0.3− 0.0	960326 691 0.4− 0.2−
941231 411 0.5+ 0.5+	950107 411 1.1+ 0.9−	

1995 DX = 1996 PR₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.22688389	ω	74.21406	−0.79798681	+0.58833992		
<i>a</i>	2.6623610	Ω	141.55802	−0.60132741	−0.76277437		
<i>e</i>	0.1492593	<i>i</i>	12.13205	−0.04027903	−0.26838665		
<i>P</i>	4.34	<i>H</i>	15.0	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

950220 411 0.3− 0.3−	950305 411 0.2+ 1.0−	960809 566 0.3− 0.8−
950220 411 0.2− 0.8+	950305 411 0.4+ 0.5−	960809 566 0.1− 0.4−
950222 411 0.0 0.3−	950311 411 1.5+ 0.1+	960809 566 0.5+ 0.6−
950222 411 0.1+ 0.2−	950311 411 0.6− 0.6+	960817 566 0.2+ 1.0+
950227 411 0.2− 0.6+	950328 411 0.2+ 1.0+	960817 566 0.3− 0.8+
950227 411 0.4+ 0.1+	950328 411 1.7− 0.8−	960817 566 0.1− 0.2+

1995 DU₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.26565335	ω	140.04508	−0.98882588	−0.14903819		
<i>a</i>	2.3965832	Ω	31.38419	+0.13509581	−0.90528265		
<i>e</i>	0.1651562	<i>i</i>	0.36481	+0.06302775	−0.39780767		
<i>P</i>	3.71	<i>H</i>	15.5	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

950130 033 0.1+ 0.4+	950309 104 0.3− 0.7−	950330 104 0.7+ 0.2+
950131 033 0.5− 0.1+	950309 104 0.4− 0.7−	950404 104 0.6+ 0.2−
950203 033 0.4+ 0.4+	950309 104 0.1− 0.7−	950404 104 0.4+ 0.6−
950222 033 1.0− 0.9−	950309 104 1.3+ 0.5−	950404 104 0.5+ 0.6−
950222 033 0.3+ 0.9+	950310 104 0.5− 0.1+	950502 104 1.9− 0.2+
950227 104 0.5+ 0.7+	950310 104 0.1+ 0.2+	950502 104 0.3− 0.2−
950227 104 0.3+ 0.5+	950310 104 0.8+ 0.2+	960722 104 0.2+ 0.0
950227 104 0.1+ 1.0+	950310 104 1.0− 0.0	960722 104 0.3+ 0.0
950227 104 0.5+ 0.9+	950321 104 0.9− 0.8−	960722 104 0.0 0.1+
950227 104 0.3− 0.8+	950321 104 0.2+ 0.5−	960722 104 0.7− 0.2−
950228 104 0.0 0.6+	950321 104 0.7+ 0.7−	960723 104 0.6− 0.1+
950228 104 0.0 0.5+	950321 104 0.4+ 0.5−	960723 104 0.7+ 0.9+
950228 104 0.6− 0.6+	950330 104 0.6+ 0.2−	960723 104 0.6− 1.0+
950228 104 0.4− 0.8+	950330 104 0.5+ 0.0	960723 104 0.1+ 0.6+

1995 EN

Id. M. Tichý (1996 observations)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.30968303	ω	254.67199	−0.06040700	+0.99799788		
<i>a</i>	2.1636704	Ω	11.91203	−0.87744470	−0.04414076		
<i>e</i>	0.1081951	<i>i</i>	5.20931	−0.47585901	−0.04529700		
<i>P</i>	3.18	<i>H</i>	15.0	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

950305 046	0.4−	0.4+	950310 046	0.4−	0.4+	950528 046	0.5+	0.3+
950305 046	1.0−	0.2+	950310 046	0.2−	0.4+	950528 046	1.6+	0.3+
950305 046	0.3−	0.2+	950312 046	1.0+	0.2+	960723 046	0.2−	0.3−
950305 046	0.3+	1.2−	950312 046	0.8+	0.8+	960723 046	0.0	0.4−
950306 046	0.6+	0.6−	950312 046	(2.3+	0.7+)	960723 046	0.3−	0.5+
950306 046	0.2−	0.5−	950403 046	1.1+	0.3−	960723 046	0.2+	0.3−
950306 046	0.3−	0.4−	950403 046	0.6+	0.1−	960806 046	0.4−	0.2−
950307 046	0.0	0.0	950403 046	0.9−	0.7−	960807 046	0.2−	0.2−
950307 046	0.0	0.2+	950403 046	1.7−	0.2−	960807 046	0.2−	0.0
950307 046	0.2+	0.4+	950502 046	0.5−	1.1−	960809 046	0.2+	0.2+
950308 046	1.8+	0.2+	950502 046	0.7−	0.4−	960809 046	0.1+	0.8+
950308 046	0.4+	0.6−	950502 046	0.9−	0.1−	960809 046	0.2+	0.2+
950308 046	0.4+	0.6+	950503 046	0.9−	0.3+	960809 046	0.2−	0.6+
950308 046	0.2−	0.1−	950503 046	0.7−	1.2+			
950310 046	0.5+	0.6+	950503 046	0.1−	0.9+			

1995 ES

Id. M. Tichý (1996 observations)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.28981592	ω	106.65609	−0.29821753	−0.95449672		
<i>a</i>	2.2614547	Ω	0.69994	+0.82152970	−0.25748326		
<i>e</i>	0.0963898	<i>i</i>	7.13957	+0.48595808	−0.15046053		
<i>P</i>	3.40	<i>H</i>	15.5	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

950203 691	0.4−	0.4−	950310 046	0.9+	0.9+	960722 046	0.4+	0.9−
950203 691	0.1−	0.1−	950310 046	0.3−	1.2+	960722 046	0.3−	1.0−
950203 691	0.0	0.2−	950403 046	0.7+	0.8−	960722 046	0.7+	1.2−
950308 046	0.6+	1.3−	950403 046	0.3+	0.4+	960806 709	0.2+	0.2+
950308 046	(2.4+	0.1−)	950403 046	0.2−	0.8+	960806 709	0.2−	0.6+
950308 046	0.6+	0.2+	950404 046	0.7+	0.7+	960806 709	0.3−	0.0
950308 046	(0.4+	3.2+)	950502 046	0.9−	0.5−	960806 709	0.1−	0.4+
950308 046	(0.3+	3.1+)	950502 046	0.7−	0.1+	960806 709	0.2−	0.5+
950309 046	0.3−	0.6+	950502 046	1.2−	0.4−	960806 709	0.2+	0.5+
950309 046	0.3−	0.4+	950503 046	0.1−	0.8−	960806 709	0.2−	0.8+
950309 046	0.1+	0.1−	950503 046	0.1−	0.6−	960806 709	0.3−	0.5+
950310 046	0.4+	0.3+	950503 046	0.1−	0.5−	960806 709	0.1−	0.7+

1995 FH = 1982 DS₂Id. G. V. Williams (*MPC* 25075)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.22996121	ω	2.07691	−0.28710791	+0.92864399		
<i>a</i>	2.6385561	Ω	251.30234	−0.88239109	−0.35183832		
<i>e</i>	0.0554262	<i>i</i>	14.35999	−0.37276670	+0.11760161		
<i>P</i>	4.29	<i>H</i>	13.0	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

820218 809	0.1+	0.0	950329 809	0.1−	0.0	950408 608	0.3+	0.9−
820224 809	0.0	0.3+	950329 809	0.1−	0.1+	950408 608	0.1+	0.7−
950329 809	0.3−	0.0	950329 809	0.3+	0.3+	950410 608	0.1+	0.5+
950329 809	0.3−	0.1+	950329 809	0.2+	0.3+	950410 608	0.1+	0.6+
950329 809	0.2−	0.0	950329 608	0.5+	0.2−	950412 608	0.7+	0.1+
950329 809	0.3−	0.0	950329 608	0.1+	0.2+	950412 608	0.6+	0.2+
950329 809	0.3−	0.1+	950330 809	0.1+	0.1−	950412 608	1.0+	0.2−
950329 809	0.2−	0.1+	950330 809	0.0	0.1−	960806 596	0.0	0.6+
950329 809	0.2−	0.1+	950330 809	0.1+	0.1−	960806 596	0.2+	0.5+
950329 809	0.2−	0.1−	950330 608	0.6−	0.3+	960806 596	0.2+	0.3+
950329 809	0.2−	0.1−	950330 608	0.7+	0.3−	960808 596	0.2−	0.3−
950329 809	0.2−	0.1−	950331 608	0.1−	0.4−	960808 596	0.2−	0.4−
950329 809	0.0	0.1+	950331 608	0.4−	0.1−	960808 596	0.1−	0.5−
950329 809	0.2−	0.0	950331 608	0.2−	0.3−	960809 596	0.1−	0.2−
950329 809	0.2−	0.1+	950331 608	0.3−	0.1−	960809 596	0.4+	0.2+
950329 809	0.1−	0.2+	950406 809	0.1−	0.1+	960809 596	0.2−	0.0
950329 809	0.1−	0.0	950406 809	0.2−	0.1+			

1995 FZ = 1977 EE₄ = 1989 TZ₁₆

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.27359418	ω	160.76277	−0.74580312	+0.66531755		
<i>a</i>	2.3499835	Ω	60.99079	−0.61612350	−0.66970826		
<i>e</i>	0.0850786	<i>i</i>	2.20312	−0.25331709	−0.32991423		
<i>P</i>	3.60	<i>H</i>	14.5	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

770315 381	0.2−	0.1+	950327 905	1.7+	0.4−	950407 905	1.5+	0.8−
770315 381	0.5−	0.3−	950327 905	0.6−	0.4−	950420 905	0.5−	0.4+
891007 809	0.9−	2.0+	950331 905	0.2+	1.2−	950420 905	0.2−	1.2+
891007 809	0.7+	0.2+	950331 905	0.3−	1.2−	960814 566	0.5−	0.8−
891007 809	2.2+	1.6−	950403 905	0.4−	1.2+	960814 566	0.5−	0.5−
941209 691	1.6−	0.4+	950403 905	0.1−	0.1+	960814 566	0.5−	0.6−
941209 691	1.8−	0.6+	950407 905	0.5−	0.4−			
941209 691	1.9−	0.4+	950407 905	2.1+	0.1−			

1995 JD

Id. M. Tichý (1996 observations)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>		(2000.0)		P		Q	
<i>n</i>	0.21669433	ω	340.52148	−0.96804703	+0.24712521		
<i>a</i>	2.7451812	Ω	213.87684	−0.21875001	−0.91521965		
<i>e</i>	0.2357630	<i>i</i>	4.38227	−0.12261069	−0.31827996		
<i>P</i>	4.55	<i>H</i>	15.0	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

950502 046	(2.2+	1.3−)	950523 046	0.2−	0.5−	950713 046	1.7+	0.7−
950502 046	(5.2−	0.9+)	950523 046	0.3−	0.4−	950713 046	1.3+	0.0

950503 046	0.1−	0.1−	950523 046	0.2−	0.3−	950716 046	0.0	0.3+
950503 046	0.3−	0.0	950525 046	0.2−	0.3+	950716 046	0.1−	0.1+
950503 046	0.2−	0.0	950525 046	0.3+	0.1+	950716 046	0.3−	0.0
950503 046	0.2−	0.1+	950525 046	0.4+	0.3+	960808 046	1.2−	0.4+
950505 046	0.2+	0.3+	950529 046	0.4+	0.1+	960808 046	1.3−	0.0
950505 046	0.1−	0.2−	950529 046	0.6+	0.4+	960808 046	0.6−	0.2+
950505 046	0.2+	0.2−	950529 046	0.5−	0.7+	960808 046	0.9−	0.1−
950506 046	0.0	0.2+	950620 046	0.1−	0.1+	960815 046	0.8+	0.5−
950506 046	0.4+	0.3−	950620 046	0.0	0.9+	960815 046	1.5+	0.2−
950506 046	0.3+	0.5−	950620 046	0.1+	1.3+	960815 046	1.1+	0.6−
950515 046	0.1−	1.6−	950627 046	1.3−	1.0+	960815 046	0.8+	0.5−
950515 046	0.1−	1.0−	950627 046	1.2−	0.8+			
950515 046	0.6+	1.0−	950627 046	0.9−	0.5+			

1995 QY₉

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5								
<i>M</i> 343.32964			(2000.0)		P		Q	
<i>n</i>	0.00382415	ω	31.92550		+0.96977042		−0.24264186	
<i>a</i>	40.4991716	Ω	342.06238		+0.20245445		+0.85927376	
<i>e</i>	0.2892945	<i>i</i>	4.82207		+0.13622603		+0.45030383	
<i>P</i>	257.73	<i>H</i>	7.5		<i>G</i> 0.15		<i>U</i> 6	
Residuals in seconds of arc								
950831 568	0.0	0.5+	951026 568	0.5+	0.4−	960712 711	0.4−	1.1+
950831 568	0.2−	0.6+	951026 568	0.5+	0.4−	960712 711	0.2−	0.3+
950831 568	0.4−	0.7+	951026 568	0.4+	0.3−	960712 711	0.6−	0.1−
951023 568	0.3−	0.2−	951026 568	0.4+	0.4−	960712 711	0.7+	0.3−
951023 568	0.3−	0.2−	951026 568	0.6+	0.5−	960713 711	0.7+	0.8−
951023 568	0.6−	0.0	951127 568	0.4−	0.5+	960713 711	0.1−	0.2−
951024 568	0.1+	0.1−	951207 568	0.2−	0.9+	960713 711	0.4+	0.0
951024 568	0.2−	0.1−	960712 711	0.2−	0.2−	960713 711	0.3−	0.3+
951024 568	0.0	0.2−	960712 711	0.0	0.1−	960713 711	0.7−	0.1+
951026 568	0.1+	0.4−	960712 711	0.8+	0.0			

1995 QB₁₀

Id. R. Weber (1996 observations)								
Epoch 1996 Nov. 13.0 TT = JDT 2450400.5								
<i>M</i> 291.84114			(2000.0)		P		Q	
<i>n</i>	0.23339401	ω	198.48934		−0.90713333		−0.38800676	
<i>a</i>	2.6126200	Ω	317.49867		+0.41011300		−0.72813937	
<i>e</i>	0.0389052	<i>i</i>	13.95873		+0.09442690		−0.56503434	
<i>P</i>	4.22	<i>H</i>	14.5		<i>G</i> 0.15		<i>U</i> 4	
Residuals in seconds of arc								
950830 704	0.0	1.5−	950928 704	0.4+	0.3+	960718 704	0.4−	0.6−
950831 704	0.3−	0.0	950929 704	1.2−	0.7−	960718 704	0.0	0.7+
950901 704	0.4+	0.0	960123 704	0.5+	0.3+	960821 709	0.9+	0.5−
950927 704	0.9+	0.7+	960123 704	0.1−	0.7+	960821 709	0.4+	0.7−
950927 704	0.2−	0.9+	960718 704	1.8−	0.8+	960821 709	0.1+	0.3−

1995 YY₁₀ = 1992 AV₆

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5								
<i>M</i> 140.07939			(2000.0)		P		Q	
<i>n</i>	0.24141466	ω	285.81186		+0.68689014		−0.68675908	
<i>a</i>	2.5544277	Ω	118.26887		+0.72607166		+0.63421650	
<i>e</i>	0.0849904	<i>i</i>	15.66367		+0.03165260		+0.35514981	
<i>P</i>	4.08	<i>H</i>	14.5		<i>G</i> 0.15		<i>U</i> 5	
Residuals in seconds of arc								
920101 691	0.2+	0.3+	951218 691	0.1−	0.1−	960214 098	1.5+	1.4−
920101 691	0.3+	0.3+	951218 691	0.3−	0.2−	960214 098	1.1−	0.0
920101 691	0.0	0.0	951218 691	0.0	0.1+	960215 098	0.0	2.1+
920130 691	0.2+	0.2−	951223 691	0.1−	0.1−	960215 098	0.2+	0.2+
920130 691	0.2−	0.1+	951223 691	0.3−	0.1−	960223 098	1.4+	1.4−
920130 691	0.5−	0.2+	951223 691	0.2−	0.1+	960223 098	0.8−	0.1+

1996 AE₄ = 1994 TG₁₇

Id. C. P. de Saint-Aignan, G. V. Williams								
Epoch 1996 Nov. 13.0 TT = JDT 2450400.5								
<i>M</i> 72.86118			(2000.0)		P		Q	
<i>n</i>	0.17402595	ω	306.94754		−0.04792925		−0.99854296	
<i>a</i>	3.1773133	Ω	145.77459		+0.92987097		−0.05366993	
<i>e</i>	0.1629334	<i>i</i>	2.52652		+0.36475027		+0.00561123	
<i>P</i>	5.66	<i>H</i>	12.5		<i>G</i> 0.15		<i>U</i> 4	
Residuals in seconds of arc								
941001 675	0.9+	0.3−	951223 691	0.0	0.2−	960130 400	0.6−	0.0
941001 675	0.5+	0.0	951223 691	0.0	0.2−	960130 400	0.3+	0.8−
941002 691	0.3−	0.2+	960113 400	0.1−	0.9+	960211 400	0.1+	0.3+
941002 691	0.9−	0.1+	960113 400 (2.6+	0.4+)		960211 400	0.2+	0.3+
941002 691	0.2−	0.0	960117 400(28.5−	9.2+)				
951223 691	0.0	0.1−	960117 400(25.2−	9.1+)				

1996 EU₂ = 1976 YH₇ = 1977 AG

Id. T. Kobayashi; 1992 VQ = 1976 YH ₇ = 1981 UF ₁₆ (MPC 22237) is invalid								
Epoch 1996 Nov. 13.0 TT = JDT 2450400.5								
<i>M</i> 65.57230			(2000.0)		P		Q	
<i>n</i>	0.15612927	ω	172.56232		+0.22775138		−0.93685000	
<i>a</i>	3.4157009	Ω	263.99807		+0.87906604		+0.31505351	
<i>e</i>	0.1063077	<i>i</i>	15.47815		+0.41877464		−0.15183337	
<i>P</i>	6.31	<i>H</i>	11.6		<i>G</i> 0.15		<i>U</i> 4	
Residuals in seconds of arc								
761220 095	0.8−	0.6−	960310 327	0.2+	0.1+	960409 327	0.5+	0.2+
770113 095	0.2−	0.4+	960310 327	0.1+	0.7+	960417 327	0.2−	0.9−
770120 095	1.0+	0.0	960310 327	0.5+	0.4−	960417 327	0.6−	0.8−
960309 327	0.0	0.4+	960409 327	0.4+	0.3+	960417 327	0.8−	0.6−
960309 327	0.7−	0.1+	960409 327	0.4+	0.3+			
960309 327	0.4−	0.2+	960409 327	0.5+	0.4+			

1996 EU₃ = 1990 TT₁₁

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5								
<i>M</i> 270.97253			(2000.0)		P		Q	
<i>n</i>	0.26795088	ω	333.48485		+0.87611237		+0.48207623	
<i>a</i>	2.3828640	Ω	357.67262		−0.41510659		+0.74856651	
<i>e</i>	0.1159169	<i>i</i>	7.70169		−0.24518081		+0.45524794	
<i>P</i>	3.68	<i>H</i>	14.7		<i>G</i> 0.15		<i>U</i> 5	

Residuals in seconds of arc

901011 033	0.3+	0.2-	960311 691	0.1+	0.1-	960318 691	0.1+	0.1+
901012 033	0.7-	0.8-	960311 691	0.1+	0.0	960319 566	0.2-	0.1-
901012 033	0.4-	0.4-	960311 691	0.1+	0.2+	960319 566	0.2-	0.5-
901013 033	0.4+	0.7+	960318 691	0.1-	0.2+	960319 566	0.1+	0.0
901014 033	0.4+	0.6+	960318 691	0.1+	0.1+			

1996 HT₁₇ = 1984 YY₄ = 1990 DG₅ = 1992 OC₈

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	181.36686		(2000.0)	P	Q
<i>n</i>	0.20247666	ω	294.20775	+0.20453674	-0.97847805
<i>a</i>	2.8722313	Ω	143.95603	+0.91407979	+0.18094850
<i>e</i>	0.0411337	<i>i</i>	2.65951	+0.35017548	+0.09918840
<i>P</i>	4.87	<i>H</i>	13.0	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

841228 095	0.0	0.2+	920723 809	1.0-	0.1-	960420 809	1.8-	0.2+
900223 033	0.3+	1.5+	960414 691	2.3-	0.7+	960420 809	1.3-	0.8-
900223 033	0.1+	1.7+	960414 691	2.2-	0.9+	960522 809	2.4+	0.1+
920722 809	0.9+	1.3+	960414 691	1.8-	0.8+	960522 809	2.3+	0.8+
920722 809	1.1+	1.1+	960418 809	(3.1+	4.2+)	960522 809	2.4+	0.4+
920722 809	1.2+	1.2+	960418 809	(3.0+	3.9+)	960523 809	1.1+	1.8-
920723 809	1.4-	0.2-	960418 809	(3.0+	3.7+)	960523 809	1.6+	1.0-
920723 809	1.2-	0.1+	960420 809	1.9-	0.3+	960523 809	1.3+	1.4-

1996 HF₁₈ = 1977 XJ₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	130.92941		(2000.0)	P	Q
<i>n</i>	0.17849443	ω	244.31585	-0.35112894	-0.93533407
<i>a</i>	3.1240618	Ω	226.31148	+0.87902033	-0.31342805
<i>e</i>	0.1583118	<i>i</i>	3.41804	+0.32253950	-0.16405194
<i>P</i>	5.52	<i>H</i>	13.0	<i>G</i> 0.15	<i>U</i> 5

Residuals in seconds of arc

771207 675	0.0	0.2-	960420 809	0.3+	0.5+	960522 809	1.1-	0.0
771208 675	0.0	0.2+	960420 809	1.0-	1.3+	960523 809	0.8+	1.0+
960418 809	0.9+	0.7-	960420 809	0.3-	0.2-	960523 809	0.4+	0.1+
960418 809	0.1+	0.5-	960522 809	0.9+	0.9-	960523 809	1.0-	0.2-
960418 809	0.2-	0.4-	960522 809	0.2+	0.0			

1996 HR₁₈ = 1993 SN₁₁

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	329.59467		(2000.0)	P	Q
<i>n</i>	0.26593013	ω	104.78353	+0.83342602	+0.55214093
<i>a</i>	2.3949200	Ω	221.70959	-0.51952987	+0.76845733
<i>e</i>	0.1803327	<i>i</i>	2.00420	-0.18838732	+0.32344046
<i>P</i>	3.71	<i>H</i>	15.0	<i>G</i> 0.15	<i>U</i> 5

Residuals in seconds of arc

930916 809	1.1-	2.1-	960418 809	0.3+	0.5+	960522 809	0.7+	0.2+
930916 809	1.4-	2.4-	960418 809	0.3-	0.1+	960522 809	0.6-	0.8+
930916 809	0.1-	3.1-	960418 809	0.6-	0.3-	960522 809	0.6-	0.9-
930923 809	0.9+	3.4+	960420 809	0.5-	0.7-	960523 809	1.2+	0.8+
930923 809	0.5+	1.9+	960420 809	0.2+	2.0-	960523 809	0.8+	1.8+
930923 809	1.3+	1.9+	960420 809	0.2-	1.4-	960523 809	0.2-	0.8+

1996 HJ₂₀ = 1995 BY₆

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	277.23993		(2000.0)	P	Q
<i>n</i>	0.21242910	ω	271.15601	+0.99771333	+0.06078483
<i>a</i>	2.7818052	Ω	85.35963	-0.04393695	+0.91554744
<i>e</i>	0.0872781	<i>i</i>	1.69901	-0.05135808	+0.39759036
<i>P</i>	4.64	<i>H</i>	14.5	<i>G</i> 0.15	<i>U</i> 5

Residuals in seconds of arc

950128 691	0.9+	0.9-	960418 809	(0.9-	2.7+)	960522 809	0.7+	1.1-
950128 691	0.5+	0.8-	960418 809	0.5-	1.7+	960522 809	0.6+	0.6-
950128 691	1.2+	1.2-	960418 809	0.3+	2.0+	960522 809	(0.7-	2.6-)
950206 691	0.8-	0.7+	960420 809	0.4+	0.6+	960523 809	0.3-	1.9-
950206 691	0.9-	0.9+	960420 809	0.2+	1.1+	960523 809	0.9-	0.9-
950206 691	1.2-	0.5+	960420 809	0.2+	0.5+	960523 809	0.8-	1.4-

1996 HW₂₀ = 1994 AM₈ = 1995 EF₄

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	308.37724		(2000.0)	P	Q
<i>n</i>	0.17555288	ω	187.70982	+0.89720396	+0.44118427
<i>a</i>	3.1588627	Ω	146.08907	-0.40328398	+0.83654805
<i>e</i>	0.2025413	<i>i</i>	2.00629	-0.17996411	+0.32487505
<i>P</i>	5.61	<i>H</i>	14.0	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

940108 691	0.3-	0.4+	950302 691	0.0	0.5-	960420 809	1.9+	0.5+
940108 691	0.2+	0.4+	950307 691	0.2+	1.6-	960420 809	0.9+	0.2-
940108 691	0.9-	0.5+	950307 691	0.2-	0.2-	960522 809	0.2-	0.2-
940113 691	0.8+	0.3+	950307 691	0.1-	0.3+	960522 809	0.8-	1.2-
940113 691	0.5+	0.7+	960418 809	1.0-	1.8+	960522 809	1.8-	0.7-
940113 691	0.0	0.2+	960418 809	1.0-	1.6+	960523 809	0.8+	0.1-
950302 691	0.4-	0.5-	960418 809	0.2-	0.4+	960523 809	0.1+	0.0
950302 691	0.6-	0.5-	960420 809	1.1+	0.6+	960523 809	0.6+	0.1-

1996 HJ₂₃ = 1984 BU₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	310.73972		(2000.0)	P	Q
<i>n</i>	0.27492319	ω	212.08165	+0.99493729	+0.09496835
<i>a</i>	2.3424040	Ω	142.42561	-0.07699269	+0.93054364
<i>e</i>	0.2642534	<i>i</i>	3.09047	-0.06459035	+0.35365173
<i>P</i>	3.59	<i>H</i>	14.5	<i>G</i> 0.15	<i>U</i> 6

Residuals in seconds of arc

840125 675	0.3-	0.0	960421 809	0.6+	1.2-	960522 809	0.2-	0.5-
840126 675	0.3+	0.0	960421 809	0.8+	1.5-	960523 809	1.7+	0.7+
960420 809	0.1-	1.6+	960421 809	0.6+	2.1-	960523 809	1.1+	0.3+
960420 809	1.0-	2.0+	960522 809	1.6-	0.5-	960523 809	0.1+	0.1-
960420 809	0.7-	1.3+	960522 809	1.4-	0.0			

1996 HQ₂₃ = 1977 RU₁₄ = 1987 SC₂₉

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	237.50610		(2000.0)	P	Q
<i>n</i>	0.29630500	ω	266.59991	+0.69634762	-0.71759492
<i>a</i>	2.2283157	Ω	139.25577	+0.66588106	+0.63944300
<i>e</i>	0.1468868	<i>i</i>	1.10182	+0.26777304	+0.27598946
<i>P</i>	3.33	<i>H</i>	14.5	<i>G</i> 0.15	<i>U</i> 6

Residuals in seconds of arc

770909 675	1.9−	0.7+	960420 809	0.9+	1.6+	960522 809	0.7−	0.4−
770910 675	1.9+	0.6−	960421 809	0.2−	1.4+	960523 809	0.2−	0.7−
870924 095	1.5−	2.2−	960421 809	(0.7+	3.8+)	960523 809	0.3−	0.7−
870927 095	1.2+	2.8+	960421 809	(1.1−	3.1+)	960523 809	0.3+	0.9−
960420 809	2.0+	1.1+	960522 809	0.1+	0.9−			
960420 809	0.2+	0.4+	960522 809	1.9−	0.2−			

1996 HU₂₄ = 1994 WV₁₀

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	208.27517		(2000.0)	P	Q
<i>n</i>	0.28816271	ω	13.88211	+0.34200173	−0.93359340
<i>a</i>	2.2700959	Ω	56.22006	+0.84941187	+0.25845505
<i>e</i>	0.0782386	<i>i</i>	7.39285	+0.40191329	+0.24820224
<i>P</i>	3.42	<i>H</i>	15.0	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

941127 010	0.8−	0.8−	960420 809	0.9−	1.7+	960522 809	0.7−	0.9−
941127 010	0.5−	0.8−	960420 809	0.5+	0.3+	960522 809	0.0	0.5+
941128 010	0.8−	0.5−	960420 809	0.3−	1.3−	960522 809	0.7−	0.2+
941128 010	0.1+	0.0	960421 809	0.6+	1.0+	960523 809	0.6+	0.1−
941128 010	1.0+	0.9+	960421 809	1.7+	0.8−	960523 809	0.1+	0.2−
941129 010	1.1+	1.2+	960421 809	1.4−	0.8−	960523 809	0.5+	0.3+

1996 JT₃ = 1978 YJ₁ = 1989 RE₂ = 1993 SQ₈

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Ichikawa

<i>M</i>	307.45949		(2000.0)	P	Q
<i>n</i>	0.25656904	ω	167.49445	+0.96982116	+0.24380539
<i>a</i>	2.4528249	Ω	178.38830	−0.23044865	+0.91983804
<i>e</i>	0.2256070	<i>i</i>	4.93079	−0.07962619	+0.30733843
<i>P</i>	3.84	<i>H</i>	14.4	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

781222 095	0.0	1.1+	930918 809	1.2+	0.3−	960521 691	(4.9−	1.2−)
890906 511	0.7−	2.4−	930918 809	0.3−	0.2−	960521 691	(4.9−	1.2−)
890906 511	0.5+	0.8−	930918 691	1.2−	0.2+	960608 809	0.4+	1.3+
890907 511	0.2+	1.6+	930918 691	1.5−	0.4+	960608 809	1.1+	1.0+
890907 511	0.1+	0.6+	930918 691	1.1−	0.4+	960608 809	0.9+	0.8+
930917 809	1.3+	1.0+	960509 691	2.6−	1.3−	960610 809	0.8+	0.5+
930917 809	0.6+	0.2−	960509 691	2.4−	1.1−	960610 809	1.9+	0.5+
930917 809	0.8−	0.1−	960509 691	(3.3−	1.0−)	960610 809	1.2+	0.7+
930918 809	1.3+	0.3+	960521 691	(4.7−	1.0−)			

1996 MS

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	14.15215		(2000.0)	P	Q
<i>n</i>	0.23637537	ω	221.99727	+0.97897375	+0.18045302
<i>a</i>	2.5906052	Ω	127.35922	−0.14028443	+0.93409952
<i>e</i>	0.3605846	<i>i</i>	6.87284	−0.14809009	+0.30804998
<i>P</i>	4.17	<i>H</i>	17.0	<i>G</i> 0.15	<i>U</i> 4

From 29 observations 1996 June 22–Aug. 24, mean residual 0″.35.

1996 NC = 1978 WU₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	297.12469		(2000.0)	P	Q
<i>n</i>	0.20454949	ω	285.68741	+0.87878625	−0.47411728
<i>a</i>	2.8527942	Ω	102.64108	+0.45637748	+0.80170557
<i>e</i>	0.0356715	<i>i</i>	3.18957	+0.13947875	+0.36397938
<i>P</i>	4.82	<i>H</i>	14.5	<i>G</i> 0.15	<i>U</i> 5

Residuals in seconds of arc

781129 675	0.4−	0.3−	960715 566	0.1+	0.2−	960722 566	0.5−	0.6−
781130 675	0.4+	0.3+	960715 566	0.6−	0.1−	960810 566	0.1−	0.1−
960714 566	0.0	0.2+	960715 566	0.0	0.1−	960810 566	0.3+	0.2−
960714 566	0.1+	0.5+	960722 566	0.7+	0.3−	960810 566	0.3−	0.7+
960714 566	0.2+	0.5+	960722 566	0.2+	0.3−			

1996 NG = 1994 CB₁₆

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	341.79776		(2000.0)	P	Q
<i>n</i>	0.17758759	ω	242.46616	+0.98195242	+0.15792710
<i>a</i>	3.1346878	Ω	108.29379	−0.11020127	+0.92492831
<i>e</i>	0.1624846	<i>i</i>	6.29221	−0.15370464	+0.34578410
<i>P</i>	5.55	<i>H</i>	12.0	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

940208 809	0.9−	0.6−	960714 566	0.0	0.2−	960715 566	0.2−	0.2−
940208 809	1.2−	0.7−	960714 566	0.0	0.0	960715 566	0.2+	0.1−
940208 809	0.3−	1.0−	960714 566	0.1−	0.1−	960715 566	0.2−	0.1+
940210 809	1.0+	0.1−	960715 566	0.3+	0.0	960809 566	0.1+	0.1+
940210 809	0.9+	1.5+	960715 566	0.1−	0.3+	960809 566	0.2−	0.1−
940210 809	0.5+	1.0+	960715 566	0.1+	0.2+	960809 566	0.0	0.1−

1996 NU₁ = 1978 LV = 1990 BS₂ = 1993 VZ₇

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	359.29224		(2000.0)	P	Q
<i>n</i>	0.22493939	ω	18.10484	+0.84408876	+0.51863623
<i>a</i>	2.6776823	Ω	309.87597	−0.51127693	+0.70197583
<i>e</i>	0.0569082	<i>i</i>	10.21717	−0.16158610	+0.48810490
<i>P</i>	4.38	<i>H</i>	12.5	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

780608 809	0.2+	1.3+	960714 566	0.1+	0.9−	960723 566	0.0	0.5−
900129 046	0.1+	0.3−	960714 566	0.3+	1.0−	960723 566	0.2−	0.4−
900129 046	0.0	0.9−	960714 566	0.1+	1.0−	960809 566	0.1−	1.3+
900130 046	1.1−	1.1−	960714 566	0.2+	0.8−	960809 566	0.1−	1.2+
900130 046	(4.0−	0.1+)	960714 566	0.1−	0.9−	960809 566	0.1+	0.8+
931112 033	0.3+	0.1+	960714 566	1.2+	0.1+			
931113 033	0.5−	0.1+	960723 566	0.2−	0.4−			

1996 NF₄ = 1982 YU

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	330.44579		(2000.0)	P	Q
<i>n</i>	0.19318589	ω	72.58166	+0.93108180	−0.34795877
<i>a</i>	2.9635968	Ω	307.64150	+0.25947720	+0.84282768
<i>e</i>	0.1070314	<i>i</i>	7.95561	+0.25643372	+0.41056813
<i>P</i>	5.10	<i>H</i>	13.5	<i>G</i> 0.15	<i>U</i> 6

Residuals in seconds of arc

821222	511	0.6+	0.3+	960714	809	0.5-	0.1+	960815	566	0.5-	0.1-
821223	511	0.7-	0.5-	960716	809	1.7+	0.1-	960815	566	0.4-	0.2-
960714	809	0.6+	0.1-	960716	809	0.3-	0.6-	960815	566	0.5-	0.2+
960714	809	0.2+	0.2+	960716	809	0.2-	0.6+				

1996 OE = 1995 FV₆

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Marsden

<i>M</i>	37.45052		(2000.0)	P	Q
<i>n</i>	0.26373503	ω	242.30760	+0.49215840	+0.86965118
<i>a</i>	2.4081905	Ω	57.22651	-0.78165100	+0.46098576
<i>e</i>	0.0495882	<i>i</i>	2.62856	-0.38314725	+0.17663223
<i>P</i>	3.74	<i>H</i>	16.5	<i>G</i>	0.15
					<i>U</i>
					4

Residuals in seconds of arc

950323	691	0.0	0.1-	960719	684	0.4-	0.1-	960723	684	0.8+	0.3-
950323	691	0.3+	0.4-	960719	684	0.1+	0.2-	960725	696	0.5-	0.6+
950323	691	0.1+	0.5-	960720	684	0.3+	0.6-	960725	696	0.2-	1.0+
950404	691	0.2-	0.0	960720	684	0.2+	1.3-	960806	684	0.2+	0.5+
950404	691	0.0	0.7+	960722	684	0.1+	0.4-	960806	684	0.1+	0.7+
950404	691	0.2-	0.5+	960722	684	0.6-	0.4-	960807	684	0.5-	0.0
960718	684	0.1-	0.3+	960723	684	0.1+	0.1+	960807	684	0.1-	0.1+
960718	684	0.3+	0.2+	960723	684	0.3+	0.2-				

1996 OH = 1995 KO₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	184.01137		(2000.0)	P	Q
<i>n</i>	0.15025985	ω	12.05709	-0.75046223	-0.65458583
<i>a</i>	3.5040806	Ω	126.66770	+0.59653321	-0.73030242
<i>e</i>	0.0243073	<i>i</i>	6.53116	+0.28452516	-0.19538620
<i>P</i>	6.56	<i>H</i>	14.0	<i>G</i>	0.15
					<i>U</i>
					5

Residuals in seconds of arc

950522	010	3.2+	0.8-	960720	684	0.5+	0.2+	960722	540	0.4-	0.5-
950522	010	1.8+	0.2-	960720	684	0.2+	0.6-	960722	540	0.3-	1.7-
950522	010	0.3+	0.2-	960720	684	0.0	0.2-	960803	816	0.1+	0.3-
950523	010	1.5-	0.5+	960721	816	0.3-	0.0	960803	816	0.4-	0.1+
950523	010	1.3-	0.6+	960721	816	0.5-	0.4-	960803	816	0.2-	0.5+
950523	010	2.5-	0.1+	960721	816	0.1+	0.3+	960803	816	0.1+	0.5+
960718	816	0.4+	0.6+	960721	816	0.4-	0.2+	960811	816	0.8+	0.4-
960718	816	1.0+	0.7+	960721	816	0.2-	0.2+	960811	816	0.1+	0.2-
960718	816	0.1-	0.9+	960721	816	0.4-	0.2+				

1996 OJ = 1991 RG₄₁

Id. B. G. Marsden, K. Ichikawa

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	36.79548		(2000.0)	P	Q
<i>n</i>	0.17999159	ω	159.59241	+0.27979099	+0.95958762
<i>a</i>	3.1067138	Ω	126.64353	-0.88596747	+0.27016543
<i>e</i>	0.1757771	<i>i</i>	2.15299	-0.36983596	+0.07875435
<i>P</i>	5.48	<i>H</i>	14.5	<i>G</i>	0.15
					<i>U</i>
					4

Residuals in seconds of arc

910910	033	0.3-	0.2+	960721	816	0.1-	0.2-	960811	816	0.1-	0.2+
910910	033	0.6+	0.4-	960721	816	0.3-	0.3-	960811	816	0.0	0.3+
910913	033	0.4-	0.1+	960721	816	0.1-	0.1-	960811	684	0.2+	0.1-
960718	816	0.4+	0.2+	960721	816	0.3-	0.3+	960811	684	0.0	0.2-

960718	816	0.8+	0.1+	960722	540	0.6-	0.1+	960812	684	0.1-	0.1-
960718	816	0.5+	0.1+	960722	540	0.2-	0.2+	960812	684	0.0	0.1-
960720	684	0.3-	0.1-	960722	540	0.3+	0.1-	960812	684	0.1+	0.1-
960720	684	0.3-	0.3-	960811	816	0.3+	0.1+				
960720	684	0.3-	0.1-	960811	816	0.1+	0.1+				

1996 ON = 1978 WT₉

Id. B. G. Marsden

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	10.66697		(2000.0)	P	Q
<i>n</i>	0.26745661	ω	71.34971	+0.94384215	+0.32363677
<i>a</i>	2.3857988	Ω	269.72442	-0.32263155	+0.85942692
<i>e</i>	0.2501005	<i>i</i>	3.81259	-0.07121009	+0.39578355
<i>P</i>	3.69	<i>H</i>	15.5	<i>G</i>	0.15
					<i>U</i>
					4

Residuals in seconds of arc

781129	675	1.4+	0.6+	960723	046	0.1+	0.0	960805	046	0.0	0.2+
781130	675	1.5-	0.4-	960724	657	0.3+	1.5-	960805	046	0.3+	0.0
960721	046	0.1-	0.3-	960724	657	1.8+	0.0	960805	046	0.0	0.6+
960721	046	0.0	0.0	960724	657	1.1-	0.1-	960809	046	0.1-	0.6+
960721	046	0.4-	0.1-	960724	657	0.8-	0.0	960809	046	0.4+	0.5+
960721	046	0.0	0.0	960724	046	0.2+	0.3+	960809	046	0.1+	0.5+
960721	046	0.1-	0.1-	960725	046	0.3-	0.1+	960815	046	0.0	0.4-
960721	046	0.0	0.1-	960725	046	0.5-	0.1-	960815	046	0.0	0.2-
960721	046	0.0	0.1-	960725	046	0.7+	0.1+	960815	046	0.0	0.2-
960721	046	0.2-	0.0	960725	046	0.2+	0.1+	960815	046	0.1+	0.5-
960721	046	0.0	0.0	960725	657	0.1+	0.5+	960818	046	0.2+	0.5-
960721	046	0.1-	0.0	960725	657	0.9-	0.7-	960818	046	0.3+	0.5-
960722	046	0.1+	0.1+	960725	657	0.3+	0.1+	960818	046	0.3+	0.5-
960722	046	0.0	0.2+	960801	046	0.4+	0.5+	960820	046	0.3-	0.1-
960722	046	0.0	0.1+	960801	046	0.3+	0.3+	960820	046	0.3-	0.0
960723	046	0.1-	0.2+	960801	046	0.2+	0.4+	960820	046	0.4-	0.2-
960723	046	0.1-	0.0	960805	046	0.7-	0.8+				

1996 OQ = 1980 FM = 1981 SX₃ = 1985 SX₆

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Ichikawa

<i>M</i>	30.77028		(2000.0)	P	Q
<i>n</i>	0.25880541	ω	359.05478	+0.45083051	+0.89222925
<i>a</i>	2.4386744	Ω	297.74179	-0.81875998	+0.40172997
<i>e</i>	0.1772370	<i>i</i>	1.68690	-0.35550519	+0.20625225
<i>P</i>	3.81	<i>H</i>	15.5	<i>G</i>	0.15
					<i>U</i>
					2

Residuals in seconds of arc

800316	809	0.1-	0.5-	800317	809	0.2+	0.0	960722	566	0.2+	0.1+
800316	809	0.2+	0.7-	810925	095	0.9+	2.0-	960722	566	0.1+	0.1-
800316	809	0.0	0.7-	850922	095	0.5-	1.4+	960723	566	0.5+	0.0
800316	809	0.4+	0.2+	960721	566	0.5-	0.0	960723	566	0.4+	0.1+
800317	809	0.6-	0.4+	960721	566	0.5-	0.0	960723	566	0.3+	0.1+
800317	809	0.0	0.1+	960721	566	0.4-	0.2+				
800317	809	0.3-	0.8+	960722	566	0.2-	0.0				

1996 OB₁ = 1992 JV₄ = 1993 WS

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	36.01856		(2000.0)	Williams		<i>P</i>	<i>Q</i>
<i>n</i>	0.26867085	ω	145.59765	+0.36528551	+0.93050679		
<i>a</i>	2.3786051	Ω	145.80511	-0.86447666	+0.34980043		
<i>e</i>	0.1962472	<i>i</i>	2.74346	-0.34532100	+0.10861296		
<i>P</i>	3.67	<i>H</i>	17.5	<i>G</i> 0.15	<i>U</i> 3		

Residuals in seconds of arc

920506 691	0.4+	0.2-	960723 360	0.3-	0.4+	960806 360	0.5+	0.2-
920506 691	0.4-	0.5-	960723 360	0.3-	0.3+	960806 360	0.7+	0.1-
920506 691	0.5-	1.2-	960723 360	0.3-	0.3+	960806 360	1.0+	0.2+
931120 691	0.2-	0.0	960724 360	0.1+	0.2+	960810 360	0.6+	0.8-
931120 691	0.1-	0.7-	960724 360	0.1-	0.1+	960810 360	0.5+	0.5-
931120 691	0.5+	0.7-	960724 360	0.5-	0.5+	960819 360	0.2+	0.9-
960721 566	0.8-	0.5+	960726 360	0.1+	0.3+	960819 360	0.0	1.0-
960721 566	0.7-	0.0	960726 360	0.2+	0.4+	960819 360	0.3-	0.7-
960721 566	0.7-	0.1+	960726 360	0.0	0.4+			

1996 OP₂ = 1985 TO₁

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	18.56549		(2000.0)	Williams		<i>P</i>	<i>Q</i>
<i>n</i>	0.26475220	ω	152.78250	+0.85384059	+0.52024458		
<i>a</i>	2.4020184	Ω	175.74568	-0.50996726	+0.84273170		
<i>e</i>	0.2420138	<i>i</i>	13.54382	-0.10435345	+0.13837937		
<i>P</i>	3.72	<i>H</i>	14.5	<i>G</i> 0.15	<i>U</i> 4		

Residuals in seconds of arc

851012 688	2.4+	0.7+	960725 599	0.3+	0.6-	960801 610	0.9+	0.1+
851015 688	0.8-	1.3-	960725 599	0.2+	0.3-	960805 104	0.6-	0.9+
851015 688	1.6-	0.5+	960731 610	0.5+	0.8-	960805 104	1.2-	1.0+
960724 599	1.4-	0.8+	960731 610	0.6+	0.6-	960815 104	0.1-	0.2-
960724 599	0.7-	0.4+	960801 610	0.7+	0.6-	960815 104	0.1-	0.2+
960724 599	0.2-	0.3-	960801 610	0.9+	0.0	960815 104	0.2+	0.1+

1996 PW

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	0.01365		(2000.0)	Williams		<i>P</i>	<i>Q</i>
<i>n</i>	0.00014156	ω	181.97070	+0.83074614	+0.47569815		
<i>a</i>	364.6217697	Ω	144.47837	-0.50367029	+0.86348931		
<i>e</i>	0.9930431	<i>i</i>	29.83881	-0.23701707	-0.16762301		
<i>P</i>	7000	<i>H</i>	14.0	<i>G</i> 0.15			

From 151 observations 1996 Aug. 9-25, mean residual 0''.46.

1996 PC₁

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	17.53783		(2000.0)	Williams		<i>P</i>	<i>Q</i>
<i>n</i>	0.39449522	ω	45.58170	+0.94062241	-0.24511216		
<i>a</i>	1.8412307	Ω	326.45009	+0.01876961	+0.72831045		
<i>e</i>	0.4516194	<i>i</i>	25.14580	+0.33893536	+0.63990930		
<i>P</i>	2.50	<i>H</i>	21.0	<i>G</i> 0.15	<i>U</i> 7		

From 102 observations 1996 Aug. 11-24, mean residual 0''.63.

1996 PL₂ = 1975 TX₆ = 1993 US₃

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	283.00178		(2000.0)	Williams		<i>P</i>	<i>Q</i>
<i>n</i>	0.27764339	ω	311.81844	+0.21437021	-0.97404093		
<i>a</i>	2.3270792	Ω	125.66035	+0.92059687	+0.17660096		
<i>e</i>	0.0690852	<i>i</i>	5.13573	+0.32641509	+0.14162049		
<i>P</i>	3.55	<i>H</i>	15.5	<i>G</i> 0.15	<i>U</i> 5		

Residuals in seconds of arc

751010 033	0.0	0.1-	960809 566	0.1-	0.2-	960815 566	0.3+	0.5+
931016 033	0.7+	0.0	960809 566	0.2-	0.3-	960815 566	0.4+	0.3+
931016 033	0.8-	0.6-	960814 608	0.7-	0.4-	960817 566	0.3+	0.2+
931018 033	0.1+	0.6+	960814 608	0.5-	0.4-	960817 566	0.1-	0.2+
960809 566	0.2-	0.1-	960815 566	0.5+	0.2+	960817 566	0.2+	0.0

1996 QC = 1981 RP₃ = 1981 SM₄ = 1986 RK₅

Id. G. V. Williams, N. S. Chernykh (d)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	355.34495		(2000.0)	Williams		<i>P</i>	<i>Q</i>
<i>n</i>	0.19190455	ω	199.67520	+0.91760569	+0.39706814		
<i>a</i>	2.9767740	Ω	136.91529	-0.36099965	+0.85179667		
<i>e</i>	0.2399198	<i>i</i>	1.53929	-0.16637023	+0.34172990		
<i>P</i>	5.14	<i>H</i>	13.5	<i>G</i> 0.15	<i>U</i> 4		

Residuals in seconds of arc

810902 095	0.5-	1.7-	960721 566	0.3+	0.3+	960819 965	0.8-	0.3+
810925 095	0.8+	0.5+	960721 566	0.0	0.4-	960819 965	0.2+	0.2+
860905 809	0.0	0.4+	960721 566	0.0	0.1+	960820 965	0.1-	0.8+
860905 809	0.1+	0.3+	960816 965	1.3+	0.5-	960820 965	0.3+	0.6-
860905 809	0.3+	0.4+	960816 965	0.3-	0.3-	960821 965	0.3-	1.2+
860906 809	0.0	0.4-	960816 965	0.3+	0.6-	960821 965	0.2+	0.5+
860906 809	0.2+	0.4-	960817 965	0.4-	0.5-	960822 965	0.5-	0.1-
860906 809	0.2+	0.5-	960817 965	0.6-	0.7-	960823 965	0.4+	0.7+
860908 095	1.2-	1.8+	960818 965	0.5-	0.3-	960823 965	0.6+	0.6-

1996 QT = 1954 RB₁ = 1981 XL₂ = 1984 KM = 1991 RY₂₅ = 1992 YX₄ = 1995 KQ

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

<i>M</i>	20.72619		(2000.0)	Nakano		<i>P</i>	<i>Q</i>
<i>n</i>	0.18759401	ω	219.85133	+0.93154001	+0.32516041		
<i>a</i>	3.0222014	Ω	120.45027	-0.26647962	+0.91503785		
<i>e</i>	0.0864571	<i>i</i>	10.88557	-0.24743044	+0.23869737		
<i>P</i>	5.25	<i>H</i>	12.7	<i>G</i> 0.15	<i>U</i> 1		

Residuals in seconds of arc

540907 675	0.3+	0.3-	921230 033	0.2-	0.2-	960818 360	0.3+	0.3+
540907 675	0.0	0.5-	930101 033	0.1+	0.5+	960818 360	0.1+	0.4+
811201 808	0.7-	0.4-	950521 327	0.3-	0.2-	960818 360	0.2+	0.3+
811201 808	0.3+	0.2+	950521 327	0.4-	0.2+	960819 360	0.1-	0.8+
840526 801	1.5+	0.9+	950521 327	0.1-	0.6-	960819 360	0.2+	0.2+
910912 675	0.2-	0.8-	950521 327	0.1+	0.1-	960819 360	0.1-	0.6+
910912 675	0.5+	0.6-	950522 327	0.6-	0.1-	960820 360	0.2+	0.2+
910916 675	0.6-	0.8-	950522 327	0.0	0.1-	960820 360	0.2-	0.3+
910916 675	0.2-	0.4-	950522 327	0.2-	0.2-	960824 360	0.1+	0.6+
921230 033	0.3+	0.6+	950522 327	0.3-	0.0	960824 360	0.0	0.3+

2503 P-L

Id. C. P. de Saint-Aignan (1989, 1993 observations)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Bowell

<i>M</i>	264.36671		(2000.0)	P	Q
<i>n</i>	0.24178810	ω	58.65045	+0.40440517	-0.91391856
<i>a</i>	2.5517969	Ω	7.73981	+0.72663573	+0.29797830
<i>e</i>	0.1083485	<i>i</i>	14.96434	+0.55538903	+0.27561169
<i>P</i>	4.08	<i>H</i>	13.5	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

600926	675	0.0	0.6-	601025	675	0.0	0.3-	931116	675	0.6+	0.1+
600928	675	0.8+	0.6+	601026	675	0.2-	0.4-	931213	675	0.3-	0.3+
600929	675	(1.0- 3.3+)		891128	675	0.1+	1.2-	931213	675	0.6-	1.1+
601017	675	0.4+	1.3+	891128	675	0.1-	0.2-				
601022	675	0.9-	0.6-	931116	675	0.0	0.2-				

2714 P-L = 1991 FF₅ = 1996 OD₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	237.34425		(2000.0)	P	Q
<i>n</i>	0.26936160	ω	107.08224	-0.44509300	-0.89546521
<i>a</i>	2.3745369	Ω	9.35351	+0.80728491	-0.40407529
<i>e</i>	0.2694531	<i>i</i>	2.06459	+0.38753490	-0.18672232
<i>P</i>	3.66	<i>H</i>	15.5	<i>G</i> 0.15	<i>U</i> 5

Residuals in seconds of arc

600924	675	0.0	0.2-	601026	675	0.4-	0.8-	960721	327	0.2+	0.4+
600926	675	0.2-	0.3+	910321	808	1.3+	0.9-	960721	327	0.6+	0.5-
600928	675	0.4+	0.3-	910321	808	1.7-	0.1+	960721	327	0.0	0.4+
600929	675	0.1-	0.1+	960720	327	0.5-	0.0				
601022	675	0.6+	0.1+	960720	327	0.3-	0.5-				

3063 P-L = 1991 RX₂₉Id. E. Bowell (*MPC* 20648)

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	132.24284		(2000.0)	P	Q
<i>n</i>	0.15982382	ω	252.16919	-0.99167187	+0.06295074
<i>a</i>	3.3628568	Ω	291.32046	-0.00785542	-0.90034444
<i>e</i>	0.0138109	<i>i</i>	6.92740	-0.12855035	-0.43060086
<i>P</i>	6.17	<i>H</i>	12.5	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

600924	675	0.4+	0.2+	600929	675	1.5-	0.8+	960809	566	0.3+	0.2+
600925	675	0.3+	0.4+	910914	675	0.8+	0.3-	960809	566	0.6+	0.2+
600926	675	0.6+	0.0	910914	675	0.5-	0.0	960819	566	0.5-	0.4-
600927	675	0.4-	0.2+	910916	675	0.3+	0.6-	960819	566	0.6-	0.2-
600928	675	0.1+	0.2+	910916	675	0.1-	0.4-	960819	566	0.1-	0.4-
600929	675	0.1+	0.5-	960809	566	0.3+	0.4+				

4030 P-L = 1978 RH₄ = 1996 PT₂

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	350.24635		(2000.0)	P	Q
<i>n</i>	0.21716907	ω	68.19812	+0.99888683	-0.01633577
<i>a</i>	2.7411790	Ω	292.71529	-0.00347056	+0.91012673
<i>e</i>	0.0925194	<i>i</i>	2.74971	+0.04704314	+0.41400782
<i>P</i>	4.54	<i>H</i>	14.0	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

600924	675	0.3-	0.8-	601022	675	0.6+	0.4+	960812	566	0.6+	0.3+
600925	675	0.3-	0.8-	601024	675	0.7-	0.2-	960815	566	0.3-	0.3-
600926	675	0.7+	0.3-	601026	675	0.2-	0.3+	960815	566	0.5-	0.3-
600928	675	0.3+	0.6+	780905	095	0.3-	0.7+	960815	566	0.2-	0.1-
601017	675	0.5+	0.6+	960812	566	0.3+	0.1+				
601017	675	0.4-	0.1-	960812	566	0.2+	0.0				

6064 P-L = 1993 VY₇

Id. G. V. Williams, T. Kobayashi

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	193.67848		(2000.0)	P	Q
<i>n</i>	0.21147676	ω	274.57996	-0.30675078	-0.95080608
<i>a</i>	2.7901504	Ω	193.52593	+0.93005199	-0.28977588
<i>e</i>	0.1851828	<i>i</i>	10.65987	+0.20225541	-0.10953418
<i>P</i>	4.66	<i>H</i>	12.5	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

600924	675	0.1-	0.2+	601022	675	0.2+	0.4+	931113	303	0.2-	0.2+
600925	675	0.5+	0.3-	601024	675	0.6+	0.0	931113	303	0.8+	1.2+
600926	675	0.2-	0.2+	601026	675	0.5-	0.0	931115	303	0.0	1.4-
600928	675	0.6-	0.8+	881007	675	0.4+	1.9-				
601017	675	0.2-	0.2+	931113	303	0.5-	0.3+				

4090 T-2 = 1996 PG₆

Epoch 1996 Nov. 13.0 TT = JDT 2450400.5

Williams

<i>M</i>	81.60003		(2000.0)	P	Q
<i>n</i>	0.25408032	ω	149.77697	-0.30686516	+0.94955204
<i>a</i>	2.4688158	Ω	102.28764	-0.88593711	-0.26014798
<i>e</i>	0.1568120	<i>i</i>	3.79610	-0.34777754	-0.17513982
<i>P</i>	3.88	<i>H</i>	15.5	<i>G</i> 0.15	<i>U</i> 6

Residuals in seconds of arc

730919	675	0.2+	1.0+	730929	675	1.6+	1.4-	960814	566	0.2+	0.2-
730919	675	1.0-	0.7-	730929	675	1.4+	2.2-	960814	566	0.0	0.1-
730920	675	0.3-	0.7+	730930	675	0.7-	0.8+	960819	566	0.0	0.1+
730924	675	0.8+	0.5+	730930	675	1.8-	1.0+	960819	566	0.2+	0.3+
730924	675	0.3+	0.4+	731004	675	1.0-	0.9+	960819	566	0.4-	0.3+
730925	675	0.5+	1.3-	731004	675	0.2+	0.2+				
730925	675	0.4-	0.1+	960814	566	0.0	0.4-				

Object	<i>H</i>	Epoch	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	Obs.	Opp.	& Arc	rms	Perts	<i>U</i>	Computer	<i>MPC</i>	Object
1955 RV	14.0	961113	290.45393	220.82984	178.45241	2.42963	0.1946267	2.4307380	29	6	1955-1995	0.84	M-v	2	Williams	26393	1955 RV
1966 BB	14.0	961113	20.76475	36.69471	129.55765	6.69853	0.1346302	2.2452134	31	5	1966-1995	0.90	M-v	3	Williams	26417	1966 BB
1967 KB	13.5	961113	58.21340	291.17872	359.80138	3.03228	0.2531370	2.5471854	35	7	1950-1995	0.87	M-v	1	Williams	25437	1967 KB
1971 SX ₃	12.5	961113	258.03854	285.41902	192.46287	12.60898	0.1080405	2.6062315	20	6	1971-1996	0.85	M-v	2	Marsden	25526	1971 SX ₃
1971 UH ₁	12.5	961113	172.62030	255.51784	84.64981	2.81615	0.1827319	3.1994787	21	3	1971-1994	0.81	M-v	5	Williams	24758	1971 UH ₁

1973 QR ₁	14.0	961113	76.48519	104.69067	203.12273	2.83337	0.1927369	2.1924828	25	3	1973–1995	0.65	M-v	5	Williams	25224	1973 QR ₁
1973 QG ₂	13.0	961113	106.41359	329.19698	47.53355	2.83812	0.2012419	3.0505856	18	5	1973–1995	0.66	M-v	1	Williams	26187	1973 QG ₂
1973 RF	12.5	961113	204.04413	0.95142	6.09045	15.83501	0.1412497	2.5828349	51	5	1973–1996	0.86	M-v	3	Williams	27453	1973 RF
1973 SH ₁	10.0	961113	292.20146	305.29736	113.09962	3.70881	0.0659234	5.1814793	27	4	1973–1996	0.54	M-v	1	Bardwell	21963	1973 SH ₁
1973 SA ₂	11.0	961113	298.86597	329.16256	78.47313	5.84579	0.0324452	5.1996570	18	3	1951–1977	0.76	M-v	4	Williams	22072	1973 SA ₂
1973 SG ₅	14.5	961113	208.46322	253.91635	62.06131	2.39716	0.2604101	2.3291907	19	4	1973–1996	0.64	M-v	3	Williams	27552	1973 SG ₅
1974 RY ₁	14.5	961113	69.93752	134.85372	183.69630	2.73323	0.2278263	2.3540037	31	6	1949–1992	1.14	M-v	2	Williams	23682	1974 RY ₁
1975 NC	13.0	961113	276.27495	357.19155	270.29621	5.76135	0.1541649	2.7484181	10	4	1953–1989	0.99	M-v	4	Williams	21782	1975 NC
1975 SA ₁	12.5	961113	148.28237	225.12152	26.25218	10.41657	0.0577995	2.9910159	12	5	1952–1991	0.65	M-v	1	Williams	22491	1975 SA ₁
1975 TQ ₃	13.0	961113	23.19432	303.03938	35.42510	13.16675	0.1818898	2.6177993	30	4	1954–1992	0.63	M-v	3	Williams	25438	1975 TQ ₃
1975 XP ₃	14.0	961113	296.63127	59.63460	5.80503	2.91719	0.1298727	2.3508459	35	9	1955–1996	0.84	M-v	1	Williams	23682	1975 XP ₃
1976 YR ₁	14.0	961113	153.09413	24.17399	84.68408	5.93287	0.1478017	2.3654272	20	5	1954–1996	0.54	M-v	1	Marsden	27323	1976 YR ₁
1977 AW ₂	12.5	961113	192.79042	6.01883	346.50226	3.41092	0.1087341	2.7948189	25	6	1977–1996	0.60	M-v	2	Williams	26578	1977 AW ₂
1977 FS	11.5	961113	5.83765	12.57917	318.23083	20.70624	0.0166675	3.2082866	17	5	1977–1996	0.83	M-v	2	Williams	23667	1977 FS
1977 QK ₁	14.0	961113	85.77868	24.83587	345.21950	1.89436	0.2333777	2.3663201	39	4	1977–1995	0.92	M-v	2	Williams	26418	1977 QK ₁
1977 RZ ₈	12.5	961113	20.44629	277.45369	341.16786	15.31779	0.1616151	2.9017994	15	6	1977–1993	0.71	M-v	2	Williams	19495	1977 RZ ₈
1978 PO ₃	14.0	961113	307.48925	273.19362	26.39938	0.94229	0.1315969	2.4428802	28	7	1950–1996	0.98	M-v	2	Williams	27118	1978 PO ₃
1978 QY ₁	14.0	961113	234.41144	223.86186	168.53890	4.67021	0.1017475	2.4458777	15	4	1954–1996	0.79	M-v	2	Williams	27118	1978 QY ₁
1978 QE ₂	14.5	961113	340.43342	328.72145	13.61400	2.39023	0.2286237	2.3842495	20	5	1978–1995	0.71	M-v	2	Williams	25224	1978 QE ₂
1978 RM ₇	15.0	961113	81.57060	15.55805	238.40699	1.43765	0.1895604	2.3504964	21	5	1978–1996	0.66	M-v	1	Williams	25060	1978 RM ₇
1978 SP ₅	13.5	961113	330.88139	195.25807	186.51647	3.94087	0.1090844	2.7738593	11	3	1978–1996	1.09	M-v	5	Williams	22696	1978 SP ₅
1978 SD ₇	14.0	961113	200.63284	97.34762	217.00091	3.72536	0.2010832	2.2284134	14	2	1978–1988	0.92	M-v	6	Williams	13854	1978 SD ₇
1978 SQ ₇	14.5	961113	294.60352	158.67212	200.82122	4.30775	0.1915681	2.4267937	14	2	1978–1996	0.77	M-v	5	Williams	27552	1978 SQ ₇
1978 ST ₇	13.5	961113	355.77209	137.02389	322.18323	5.65486	0.1268345	2.3037238	15	4	1978–1992	0.93	M-v	4	Williams	21965	1978 ST ₇
1978 US ₅	14.0	961113	356.60291	287.69994	18.16681	16.67264	0.2913600	2.7938375	17	4	1950–1992	0.84	M-v	3	Williams	25077	1978 US ₅
1978 VD ₇	14.5	961113	291.75166	333.52598	74.57979	3.12490	0.0719961	2.8370541	16	5	1949–1996	0.51	M-v	1	Williams	22967	1978 VD ₇
1978 VO ₈	13.0	961113	73.04893	36.72388	110.55829	2.51563	0.1429724	3.0518873	61	4	1978–1996	0.53	M-v	2	Williams	27118	1978 VO ₈
1978 WB	14.5	961113	313.88556	345.30305	56.21660	2.21084	0.1681922	2.4081807	14	3	1978–1996	0.87	M-v	4	Williams	18620	1978 WB
1978 XU	13.5	961113	314.35207	148.49981	215.82588	6.94308	0.1457242	2.4243433	19	6	1954–1993	0.91	M-v	2	Williams	25438	1978 XU
1979 HH	12.5	961113	165.47090	150.64304	141.34205	2.77129	0.0330428	2.8466648	18	7	1955–1995	0.56	M-v	1	Williams	26418	1979 HH
1979 KM	15.5	961113	87.81007	87.23446	150.67290	6.61136	0.2050979	2.2401583	18	3	1979–1996	0.82	M-v	3	Williams	25647	1979 KM
1979 MZ ₂	14.0	961113	277.93254	329.48212	154.69037	2.28522	0.0837154	2.5326864	25	6	1954–1994	0.72	M-v	1	Williams	23535	1979 MZ ₂
1979 MA ₄	12.5	961113	237.42694	146.02888	188.89554	4.12497	0.1910290	3.4282671	43	6	1955–1996	0.91	M-v	1	Williams	27118	1979 MA ₄
1979 MJ ₅	14.5	961113	233.69460	303.04694	171.29711	4.19596	0.0699160	2.2489112	45	5	1979–1996	0.66	M-v	1	Williams	25438	1979 MJ ₅
1979 MR ₆	16.0	961113	105.13902	72.14557	165.04987	4.06792	0.1314199	2.2431314	18	6	1979–1996	0.60	M-v	1	Williams	24910	1979 MR ₆
1979 QX ₃	11.5	961113	10.41450	355.23929	326.05205	10.18556	0.1772153	3.2021799	35	6	1979–1996	0.79	M-v	1	Marsden	25225	1979 QX ₃
1979 SK	15.0	961113	14.60192	54.18600	298.04423	3.04524	0.2002440	2.2642076	24	4	1979–1996	0.87	M-v	2	Marsden	21965	1979 SK
1979 SU ₁₁	12.0	961113	44.93939	267.96776	88.88669	2.50485	0.1604153	3.1477251	29	7	1955–1994	0.88	M-v	2	Williams	23682	1979 SU ₁₁
1979 UH	14.0	961113	285.21828	307.75606	132.20010	9.80117	0.2985757	2.6983436	8	3	1952–1996	0.62	M-v	4	Williams	15877	1979 UH
1979 US	13.5	961113	252.92663	34.89667	8.49192	3.75211	0.1343322	2.7658259	42	8	1953–1996	0.81	M-v	1	Williams	27453	1979 US
1979 UC ₄	14.0	961113	13.80338	57.08892	11.56171	3.53819	0.2318370	2.5802896	8	3	1950–1991	0.43	M-v	4	Williams	18804	1979 UC ₄
1980 EB	14.0	961113	87.17138	211.27059	2.71212	2.03794	0.0937357	2.4502934	10	4	1954–1989	0.78	M-v	2	Williams	24238	1980 EB
1980 VX ₂	13.5	961113	235.51608	287.76510	225.42334	24.90313	0.0636679	2.5404543	25	5	1954–1995	0.81	M-v	2	Williams	25734	1980 VX ₂
1981 DX	12.5	961113	15.65851	165.62572	266.15587	7.11015	0.0085537	3.2007269	32	6	1952–1996	0.74	M-v	1	Williams	26755	1981 DX
1981 EC ₂	12.0	961113	248.98191	154.25186	320.70560	11.08112	0.1432440	2.6758832	43	6	1955–1996	0.65	M-v	1	Williams	24580	1981 EC ₂
1981 EV ₇	15.0	961113	15.94765	66.83059	255.14504	4.27601	0.0516668	2.7455560	17	3	1978–1996	0.82	M-v	4	Williams	22270	1981 EV ₇
1981 ES ₈	12.5	961113	161.38856	161.92359	207.36448	9.65767	0.1090632	3.0144378	34	7	1951–1994	0.71	M-v	1	Williams	24116	1981 ES ₈
1981 EQ ₁₀	16.0	961113	148.01205	139.94701	306.30321	3.08422	0.1993562	2.3969017	18	3	1951–1992	0.87	M-v	4	Williams	25647	1981 EQ ₁₀
1981 EZ ₁₀	14.0	961113	23.18051	27.97448	265.21463	3.25141	0.0424423	2.7850389	28	6	1951–1987	0.90	M-v	2	Williams	22492	1981 EZ ₁₀
1981 EG ₁₅	16.0	961113	317.32588	18.80791	253.98377	1.99615	0.1268262	2.1133651	28	5	1981–1995	0.86	M-v	2	Williams	26755	1981 EG ₁₅
1981 EC ₁₆	15.0	961113	53.78358	350.88034	271.43603	3.65489	0.2058218	2.3642532	28	4	1978–1996	0.73	M-v	1	Williams	22968	1981 EC ₁₆
1981 EN ₁₇	14.0	961113	351.24909	157.43550	211.26482	4.56981	0.1728033	2.2931445	37	6	1951–1996	0.91	M-v	2	Bardwell	27565	1981 EN ₁₇

1981 EW ₁₇	15.0	961113	152.67490	222.05636	218.27641	1.86795	0.1535657	2.4001611	24	5	1978–1994	0.93	M-v	2	Williams	25647	1981 EW ₁₇
1981 EF ₁₈	14.5	961113	313.52680	206.13154	184.00822	5.34051	0.0939282	2.3007563	25	4	1979–1996	0.98	M-v	2	Williams	23347	1981 EF ₁₈
1981 EK ₁₉	15.5	961113	64.02702	303.92585	335.84705	4.95866	0.1477212	2.3238702	28	3	1981–1996	0.56	M-v	4	Williams	25211	1981 EK ₁₉
1981 EU ₁₉	14.5	961113	78.87559	288.27745	346.08083	5.40413	0.1389152	2.3137641	31	4	1981–1995	0.94	M-v	2	Williams	26578	1981 EU ₁₉
1981 EB ₂₄	14.5	961113	192.01339	78.94328	12.58276	4.40341	0.0699304	2.8148021	23	3	1979–1988	0.74	M-v	4	Williams	21967	1981 EB ₂₄
1981 EW ₂₄	13.0	961113	251.79921	194.35170	162.20565	2.35037	0.0774735	2.8854757	43	10	1949–1996	0.96	M-v	1	Williams	27118	1981 EW ₂₄
1981 EO ₂₆	14.0	961113	177.17040	137.14132	293.49459	0.89924	0.0487297	2.8816842	31	5	1951–1993	0.90	M-v	2	Williams	25338	1981 EO ₂₆
1981 EE ₂₈	13.5	961113	250.03485	352.31586	33.46957	2.38605	0.0773502	2.8409903	30	5	1954–1996	0.63	M-v	1	Williams	27454	1981 EE ₂₈
1981 EQ ₂₈	13.5	961113	260.43030	257.68067	157.57622	3.38414	0.1981615	2.7573376	25	4	1981–1993	0.82	M-v	1	Williams	22968	1981 EQ ₂₈
1981 EX ₂₈	14.5	961113	73.49335	320.32065	298.01996	6.30637	0.0958152	2.3304367	21	6	1981–1996	0.84	M-v	2	Williams	15242	1981 EX ₂₈
1981 EG ₃₉	14.0	961113	119.28969	358.00097	350.07056	4.98052	0.1585118	3.1473591	14	5	1981–1994	0.98	M-v	2	Williams	23788	1981 EG ₃₉
1981 RF	14.0	961113	358.60617	238.86080	117.98817	3.41342	0.1892301	2.4310281	23	5	1981–1996	1.02	M-v	2	Bardwell	25338	1981 RF
1981 RG ₅	13.0	961113	73.26900	328.37515	20.17196	6.97272	0.1525233	2.3610100	22	4	1981–1995	0.70	M-v	2	Williams	25438	1981 RG ₅
1981 RJ ₅	12.5	961113	229.90942	267.03837	127.27233	2.03360	0.2479076	3.1708868	21	4	1978–1996	0.81	M-v	3	Williams	27324	1981 RJ ₅
1981 TJ ₃	12.5	961113	231.41428	282.79756	112.86431	2.87944	0.2226330	3.1967762	35	3	1981–1996	0.90	M-v	4	Williams	27454	1981 TJ ₃
1981 UQ ₂₉	13.5	961113	289.20136	179.87988	251.42524	1.25515	0.2014102	2.4680249	30	7	1950–1996	0.84	M-v	1	Williams	24239	1981 UQ ₂₉
1981 VL	14.5	961113	93.23767	4.58609	24.36857	3.76208	0.1561561	2.3266550	17	3	1981–1995	0.80	M-v	4	Williams	26188	1981 VL
1981 WF ₉	14.5	961113	115.99681	142.09270	206.43582	6.22971	0.1338758	2.3386867	9	2	1981–1988	1.04	M-v	6	Williams	16695	1981 WF ₉
1982 DP ₁	14.5	961113	145.58071	61.44691	43.96183	6.01567	0.1375508	2.2766668	19	4	1982–1996	0.81	M-v	2	Williams	27304	1982 DP ₁
1982 DW ₃	14.0	961113	160.94543	317.25800	129.95839	3.76578	0.1135559	2.2759982	21	3	1982–1996	0.70	M-v	3	Williams	27118	1982 DW ₃
1982 FG ₃	13.5	961113	207.90672	121.79050	302.80653	1.73747	0.1508100	2.2631727	37	4	1951–1994	0.98	M-v	2	Williams	24558	1982 FG ₃
1982 FX ₃	12.0	961113	171.63636	226.42299	12.45862	5.35924	0.1134538	3.1702615	29	5	1951–1995	0.65	M-v	1	Williams	25972	1982 FX ₃
1982 RF	14.0	961113	277.33125	188.22911	174.53801	2.29787	0.2274036	2.4073467	21	4	1955–1995	0.97	M-v	2	Williams	25423	1982 RF
1982 RW ₁	15.0	961113	7.62762	343.28681	11.30982	5.09909	0.1839708	2.3142397	30	5	1954–1996	0.77	M-v	4	Marsden	25647	1982 RW ₁
1982 SG ₁₂	14.5	961113	322.50940	236.41867	184.19766	6.43456	0.1164237	2.3061379	10	4	1977–1991	0.63	M-v	4	Williams	23121	1982 SG ₁₂
1982 TK	13.5	961113	294.16155	252.29570	78.22585	3.48976	0.2087478	2.4280644	21	5	1954–1996	1.00	M-v	2	Williams	27118	1982 TK
1982 TB ₂	13.5	961113	355.24783	163.22827	263.99013	4.51642	0.1004771	2.2900862	27	4	1951–1994	0.79	M-v	1	Williams	24759	1982 TB ₂
1982 TF ₂	14.0	961113	358.83666	59.06998	291.41192	1.55654	0.1754051	2.3509908	36	5	1950–1996	0.93	M-v	2	Williams	27566	1982 TF ₂
1982 TT ₂	12.5	961113	75.95465	329.76874	12.43488	12.32773	0.2210368	2.7404620	10	3	1955–1991	0.94	M-v	4	Williams	27118	1982 TT ₂
1982 UE ₆	14.0	961113	252.15160	62.22343	23.04345	2.18193	0.1689835	2.3949403	13	3	1982–1993	0.81	M-v	5	Williams	25338	1982 UE ₆
1982 VB ₁	14.0	961113	359.19520	144.40404	222.62211	5.73707	0.1377330	2.3434980	18	4	1983–1996	0.94	M-v	2	Bardwell	23536	1982 VB ₁
1983 CH	13.5	961113	122.00001	343.03471	98.08667	5.97139	0.0951677	2.2051028	29	3	1983–1996	0.63	M-v	2	Williams	27454	1983 CH
1983 PX	13.5	961113	309.56115	112.50591	199.14355	8.82997	0.2689346	2.7939544	28	6	1974–1996	0.73	M-v	2	Williams	26923	1983 PX
1983 RY ₄	12.0	961113	312.55097	103.26303	261.89964	8.79595	0.2354001	2.7603998	52	5	1954–1994	0.96	M-v	1	Williams	23347	1983 RY ₄
1983 WN	14.5	961113	272.45789	110.87069	251.80793	9.33080	0.2493966	2.3307123	14	4	1951–1990	0.79	M-v	3	Williams	17818	1983 WN
1983 XE	14.0	961113	81.09612	192.91034	237.61633	6.24056	0.1813696	2.5237963	31	5	1951–1995	0.78	M-v	3	Williams	26418	1983 XE
1983 XN ₁	12.5	961113	199.82738	109.64294	313.80069	8.55706	0.0742883	3.0002550	23	3	1954–1992	0.78	M-v	4	Williams	21969	1983 XN ₁
1984 DB	15.0	961113	275.97822	310.54322	154.75735	20.75042	0.1880184	2.2777896	18	4	1984–1996	0.69	M-v	2	Williams	26188	1984 DB
1984 ET	13.5	961113	100.37551	103.13968	126.83099	4.19112	0.1634722	2.4018621	25	5	1984–1996	0.94	M-v	2	Bardwell	25078	1984 ET
1984 HO ₁	15.0	961113	317.63478	233.04587	22.99662	3.39926	0.1017087	2.1483333	20	4	1984–1991	0.74	M-v	2	Williams	21104	1984 HO ₁
1984 QJ	12.5	961113	357.83702	259.85804	125.73835	2.42126	0.1668724	3.2214653	32	7	1950–1995	0.78	M-v	1	Williams	25438	1984 QJ
1984 SC ₁	13.5	961113	0.65540	340.96068	0.92166	13.65611	0.1857789	2.5671195	31	5	1951–1995	0.90	M-v	2	Williams	25225	1984 SC ₁
1985 CM ₁	13.5	961113	93.61422	70.04000	133.00048	4.87425	0.0960407	2.2975484	42	3	1954–1992	0.82	M-v	4	Williams	23788	1985 CM ₁
1985 CX ₁	15.0	961113	146.72398	330.75718	220.25395	2.56690	0.0791733	2.2299319	38	5	1972–1996	0.55	M-v	1	Williams	25438	1985 CX ₁
1985 HS ₁	13.5	961113	81.63105	31.63263	181.45856	23.23643	0.1985756	2.3238474	33	3	1985–1996	0.92	M-v	2	Marsden	27566	1985 HS ₁
1985 JN ₁	14.0	961113	78.03076	169.22412	81.51997	6.58430	0.1432920	2.3222357	17	4	1951–1993	0.66	M-v	2	Williams	23788	1985 JN ₁
1985 QL ₄	12.0	961113	45.99369	153.98692	116.77258	6.80852	0.1271650	3.1970718	14	3	1951–1991	0.80	M-v	5	Williams	21970	1985 QL ₄
1985 TN	14.5	961113	67.61803	4.89227	25.87845	4.98715	0.1604898	2.2851493	13	3	1985–1992	0.78	M-v	4	Williams	22077	1985 TN
1985 TR	13.5	961113	287.89600	63.63867	14.32245	3.71557	0.1333240	2.4300485	28	8	1954–1996	0.78	M-v	1	Williams	25078	1985 TR
1985 TD ₃	12.5	961113	337.07275	179.28823	220.00990	23.33982	0.1996046	3.1374681	23	5	1985–1996	0.57	M-v	1	Bardwell	23683	1985 TD ₃
1986 GC	14.0	961113	301.74931	168.40891	55.56746	7.17482	0.0810297	2.3621861	16	5	1951–1995	0.81	M-v	2	Williams	26418	1986 GC
1986 JA	13.5	961113	290.77673	103.35888	159.60125	11.95839	0.1753411	2.3739563	26	4	1954–1993	0.64	M-v	1	Williams	22077	1986 JA

1986 PK ₆	13.5	961113	80.51464	345.63898	258.20970	4.24349	0.1608930	2.2465417	19	5	1955–1993	0.80	M-v	2	Williams	22968	1986 PK ₆
1986 QN	14.0	961113	133.24960	239.65944	155.46048	4.73273	0.2467060	2.5550920	61	4	1951–1986	0.65	M-v	4	Williams	22077	1986 QN
1986 QM ₁	15.0	961113	350.00354	232.15204	79.45572	2.08334	0.2228153	2.2987969	30	2	1986–1996	0.50	M-v	5	Williams	27554	1986 QM ₁
1986 QZ ₂	13.0	961113	237.09845	247.25136	11.13204	9.66427	0.1630259	2.5721553	32	7	1953–1994	0.57	M-v	1	Williams	25648	1986 QZ ₂
1986 QV ₃	13.5	961113	357.32206	237.14478	122.66976	5.16420	0.2190804	2.2517353	22	5	1955–1996	0.78	M-v	1	Williams	25537	1986 QV ₃
1986 RA ₅	13.0	961113	192.79359	210.35307	126.20457	6.45979	0.2159593	2.5244530	38	5	1954–1994	0.73	M-v	2	Williams	23788	1986 RA ₅
1986 TK ₁	14.0	961113	35.15748	51.33906	278.12597	4.81181	0.2006346	2.2484967	25	7	1955–1996	0.76	M-v	2	Bardwell	25079	1986 TK ₁
1986 XT	14.0	961113	185.04722	18.04137	355.16124	3.30641	0.2956667	2.5601300	46	5	1986–1996	0.78	M-v	3	Williams	27119	1986 XT
1987 BO ₁	13.0	961113	293.88115	152.70914	277.48461	23.36231	0.2287177	2.3389721	46	3	1987–1996	0.96	M-v	3	Bardwell	27566	1987 BO ₁
1987 BC ₂	14.0	961113	9.91196	120.02415	274.39737	3.86291	0.1968941	2.2799590	40	5	1965–1994	0.89	M-v	2	Williams	23536	1987 BC ₂
1987 BS ₂	14.0	961113	246.81579	315.42036	146.37066	2.53877	0.1626060	2.3944348	37	4	1982–1991	0.67	M-v	2	Williams	23132	1987 BS ₂
1987 DW ₆	12.5	961113	240.78872	180.49216	22.24037	1.55756	0.1501263	3.1527194	46	6	1951–1994	0.43	M-v	1	Williams	22599	1987 DW ₆
1987 HE	14.5	961113	291.22217	13.54473	170.03000	23.42809	0.2002049	2.2927832	17	2	1987–1994	1.00	M-v	5	Williams	23788	1987 HE
1987 MK	13.0	961113	6.90870	28.05498	330.87295	12.49460	0.1807348	2.6985063	42	6	1978–1996	0.90	M-v	2	Bardwell	25537	1987 MK
1987 PA	18.5	961113	30.40937	337.77455	308.68621	16.36466	0.5640070	2.7161901	61	2	1987–1996	0.66	M-v	1	Williams	27566	1987 PA
1987 QS	14.5	961113	214.24409	7.50105	321.88541	6.58217	0.1434332	2.3461800	23	5	1955–1994	0.60	M-v	2	Williams	24407	1987 QS
1987 SR ₁₂	14.0	961113	282.79942	116.54855	177.59752	4.28032	0.1563216	2.2784268	26	4	1976–1994	0.57	M-v	1	Williams	21971	1987 SR ₁₂
1987 VD	14.0	961113	277.51564	66.67939	278.10551	5.14485	0.2533103	2.2545815	21	5	1953–1994	0.80	M-v	2	Williams	24760	1987 VD
1988 AT ₁	14.0	961113	111.78385	250.80546	306.76323	2.75516	0.1442384	2.3314458	44	6	1985–1996	0.81	M-v	1	Marsden	27566	1988 AT ₁
1988 BW	13.0	961113	43.99525	141.53059	322.74156	12.19781	0.1237741	2.6396565	30	5	1988–1996	0.81	M-v	2	Williams	26756	1988 BW
1988 CA	12.0	961113	314.88043	350.39742	157.41981	10.83465	0.2025629	2.7669058	43	5	1954–1993	0.82	M-v	2	Williams	22272	1988 CA
1988 CO ₁	14.0	961113	177.37999	314.92612	126.51892	3.97624	0.1406612	2.3712774	27	3	1988–1996	0.89	M-v	4	Williams	27566	1988 CO ₁
1988 DD	14.0	961113	162.36335	28.62739	132.29827	12.28167	0.1726746	2.3226521	43	3	1988–1996	0.70	M-v	3	Williams	27566	1988 DD
1988 DJ ₁	13.5	961113	163.00352	269.36665	149.98054	5.35058	0.1908668	2.4638743	22	3	1988–1992	0.95	M-v	4	Williams	21971	1988 DJ ₁
1988 MF	13.5	961113	270.96310	350.81436	110.29083	25.34455	0.0305573	1.8666258	40	5	1988–1996	0.88	M-v	2	Williams	24760	1988 MF
1988 PL ₁	14.0	961113	352.65384	93.54478	247.20932	19.57852	0.0131598	1.9562909	28	5	1983–1996	0.81	M-v	2	Bardwell	27566	1988 PL ₁
1988 QB	13.0	961113	319.03915	240.15127	153.12166	9.19657	0.2091768	2.5563877	19	6	1964–1996	0.91	M-v	2	Bardwell	27555	1988 QB
1988 QU	13.0	961113	348.80341	148.61023	149.33106	15.26189	0.0336300	2.6611060	44	3	1988–1996	0.77	M-v	3	Williams	27566	1988 QU
1988 RZ ₂	14.5	961113	21.95165	264.15651	12.70457	4.97658	0.2346503	2.6752256	15	4	1978–1995	0.57	M-v	1	Williams	26924	1988 RZ ₂
1988 RX ₄	14.0	961113	56.78216	243.94474	104.02343	3.57206	0.2124432	2.4154660	61	5	1950–1994	0.78	M-v	1	Williams	25648	1988 RX ₄
1988 RB ₆	14.0	961113	12.70015	160.40151	162.73813	12.55380	0.2531116	2.5602455	54	4	1988–1996	0.91	M-v	3	Bardwell	27566	1988 RB ₆
1988 RU ₆	13.5	961113	74.03010	25.91904	198.65619	1.81542	0.1425353	2.6358974	61	5	1950–1992	0.71	M-v	1	Williams	23133	1988 RU ₆
1988 RE ₁₀	15.5	961113	6.80446	176.65698	162.38684	2.91400	0.2317788	2.5440153	28	4	1988–1996	0.72	M-v	3	Williams	23133	1988 RE ₁₀
1988 RW ₁₂	15.0	961113	23.54117	30.41525	280.97179	3.15847	0.2168524	2.5567231	18	3	1988–1996	0.51	M-v	4	Williams	21972	1988 RW ₁₂
1988 SQ	11.0	961113	51.48195	291.91423	354.83364	12.70030	0.1834079	3.9804079	27	4	1980–1996	0.57	M-v	3	Bardwell	25637	1988 SQ
1988 TA	21.0	961113	112.72971	104.54835	195.22900	2.53884	0.4787734	1.5411397	34	1	63 days	0.68	M-v	5	Williams	14199	1988 TA
1988 TD	13.5	961113	58.77095	68.54349	283.54322	1.48844	0.1984045	2.4448958	37	6	1954–1995	0.90	M-v	2	Williams	26188	1988 TD
1988 TL	13.5	961113	9.53765	141.48871	297.29090	1.52214	0.1723736	2.4189641	29	3	1982–1992	0.87	M-v	4	Williams	22272	1988 TL
1988 TN	13.0	961113	39.59669	18.23985	12.79843	5.29245	0.0602339	2.4310969	38	3	1988–1994	0.90	M-v	4	Williams	23683	1988 TN
1988 TZ	14.0	961113	88.75873	51.93203	18.10948	3.83058	0.1323017	2.2778160	25	4	1964–1995	0.89	M-v	2	Williams	26579	1988 TZ
1988 TB ₁	13.5	961113	68.92657	144.58506	208.94621	4.96818	0.1493468	2.4313828	25	5	1954–1995	0.86	M-v	2	Williams	26189	1988 TB ₁
1988 TC ₁	14.0	961113	84.72375	42.85585	12.43237	4.50757	0.1433073	2.3083234	52	4	1981–1995	0.77	M-v	3	Williams	26189	1988 TC ₁
1988 TL ₁	14.0	961113	117.73261	176.00415	214.60586	4.86747	0.1396771	2.2814970	29	2	1988–1995	0.90	M-v	4	Williams	26419	1988 TL ₁
1988 TM ₁	14.0	961113	35.83738	193.51432	213.41639	1.79696	0.1872609	2.4210475	15	2	1982–1988	0.83	M-v	6	Williams	20016	1988 TM ₁
1988 TN ₂	13.5	961113	20.88378	152.06540	194.36563	16.02573	0.1684267	2.5425548	32	6	1954–1996	0.72	M-v	2	Bardwell	25226	1988 TN ₂
1988 UA	14.0	961113	49.34546	92.53973	256.79383	1.08342	0.1878053	2.4746371	23	3	1971–1992	1.00	M-v	4	Williams	22080	1988 UA
1988 UC	13.0	961113	254.80742	314.45718	39.38108	2.54024	0.0944906	2.9140717	26	7	1953–1996	0.97	M-v	3	Williams	27119	1988 UC
1988 VH ₁	13.5	961113	337.23962	182.06851	239.18402	4.52729	0.2948748	2.5571071	19	3	1984–1992	0.78	M-v	4	Williams	22080	1988 VH ₁
1988 VS ₃	13.0	961113	339.20242	110.17642	246.31009	10.30969	0.2170909	2.6806816	29	4	1979–1996	1.02	M-v	2	Williams	23670	1988 VS ₃
1988 VR ₅	13.5	961113	11.20996	139.13759	220.02107	13.83876	0.1326536	2.5838820	37	5	1988–1996	0.96	M-v	2	Marsden	25439	1988 VR ₅
1988 VM ₉	13.0	961113	357.69300	60.54991	27.78419	7.10045	0.1730441	2.4420699	30	4	1969–1992	0.74	M-v	3	Williams	21972	1988 VM ₉
1988 XX ₁	13.0	961113	21.07152	349.88809	25.49594	14.43078	0.1860074	2.5834585	21	4	1988–1996	0.44	M-v	2	Williams	23348	1988 XX ₁

1988 XG ₂	13.5	961113	260.30347	180.41330	264.89548	7.09211	0.1953775	2.7998727	25	6	1954–1994	0.94	M-v	1	Williams	24760	1988 XG ₂
1989 CX ₂	13.0	961113	261.05200	111.98447	273.43405	8.61443	0.1184378	3.0641464	22	5	1955–1992	0.89	M-v	2	Williams	21972	1989 CX ₂
1989 JA	17.0	961113	43.09863	231.84405	61.59986	15.23225	0.4844000	1.7705370	113	3	1989–1996	0.83	M-v	1	Williams	27566	1989 JA
1989 OA	13.5	961113	38.11112	47.09848	243.97560	4.34757	0.1331547	2.3192233	21	6	1951–1996	1.08	M-v	2	Williams	22081	1989 OA
1989 RC	18.5	961113	21.24614	181.11280	140.34985	7.37785	0.5141563	2.3133462	74	2	1989–1996	0.60	M-v	1	Marsden	27566	1989 RC
1989 RS ₁	18.5	961113	15.15388	180.85427	174.70053	7.17789	0.4813983	2.3046078	103	3	1982–1996	0.57	M-v	1	Williams	27566	1989 RS ₁
1989 RD ₂	14.5	961113	347.53606	166.28563	167.04076	2.82935	0.2431181	2.3785588	23	4	1978–1993	0.82	M-v	4	Williams	22825	1989 RD ₂
1989 SF	14.0	961113	50.04155	92.90343	325.84774	3.75349	0.0884045	2.1585937	60	4	1989–1995	0.88	M-v	3	Williams	25649	1989 SF
1989 SG	13.5	961113	275.12476	81.73961	357.02428	6.66601	0.1503424	2.3854468	22	5	1934–1991	0.87	M-v	3	Williams	24582	1989 SG
1989 SC ₁	14.0	961113	45.71443	52.57044	283.78332	1.56514	0.1691807	2.2734378	28	7	1950–1995	0.88	M-v	2	Williams	25226	1989 SC ₁
1989 SN ₄	14.0	961113	58.23063	52.87191	157.31791	4.24932	0.1274477	2.6026109	25	4	1979–1996	0.96	M-v	3	Williams	27555	1989 SN ₄
1989 SE ₈	13.5	961113	205.01477	171.12707	333.80721	6.28602	0.0774374	2.4126684	14	4	1985–1996	1.02	M-v	2	Williams	25638	1989 SE ₈
1989 SL ₁₂	14.0	961113	100.06154	131.99567	310.90441	0.83248	0.1636651	2.8940713	33	5	1981–1996	0.67	M-v	2	Williams	26925	1989 SL ₁₂
1989 TE	15.0	961113	19.79042	73.12720	269.16880	3.59446	0.2638676	2.3146449	38	4	1978–1995	0.87	M-v	2	Williams	25226	1989 TE
1989 TJ ₂	13.5	961113	338.89187	109.31376	324.07224	4.96091	0.1302796	2.2757636	22	3	1989–1996	0.92	M-v	3	Marsden	23337	1989 TJ ₂
1989 UQ	19.0	961113	228.56646	14.90888	178.44556	1.29065	0.2646961	0.9146636	30	4	1954–1996	0.98	M-v	4	Marsden	25973	1989 UQ
1989 YA ₅	12.5	961113	24.10486	233.37707	300.98558	19.70482	0.1428416	3.1198317	19	3	1989–1996	0.72	M-v	3	Williams	27555	1989 YA ₅
1990 BF	13.5	961113	324.29096	156.26913	324.36851	4.46939	0.1034812	2.3369568	26	5	1958–1994	0.69	M-v	1	Williams	23684	1990 BF
1990 BV	13.0	961113	0.14024	316.32850	99.73847	10.55362	0.2240073	2.3663464	22	4	1979–1994	0.81	M-v	2	Williams	23537	1990 BV
1990 BZ	13.5	961113	305.09360	106.83334	310.50315	14.33023	0.0829239	2.5345107	19	5	1982–1996	0.75	M-v	2	Bardwell	26189	1990 BZ
1990 FM ₁	12.5	961113	179.50031	42.00126	121.88481	8.21280	0.1643851	2.7945691	21	4	1976–1996	0.89	M-v	2	Marsden	25440	1990 FM ₁
1990 GS	14.0	961113	106.52401	308.02041	359.34164	11.42523	0.0626847	2.5347357	16	4	1954–1994	0.71	M-v	4	Williams	23537	1990 GS
1990 QE	13.5	961113	170.93729	49.04786	308.13964	16.75118	0.2417300	2.5665917	23	3	1990–1996	0.82	M-v	3	Williams	26757	1990 QE
1990 QM	13.5	961113	266.81629	125.49286	160.57337	2.83378	0.1799992	2.4272986	26	4	1979–1994	0.97	M-v	2	Williams	24118	1990 QM
1990 SW ₄	14.0	961113	250.79664	219.11135	150.93753	4.45243	0.0846952	2.3417369	22	5	1954–1992	0.78	M-v	2	Williams	25649	1990 SW ₄
1990 TJ	13.5	961113	162.47187	350.62839	56.41341	4.89379	0.0668105	2.5293357	21	4	1982–1994	0.96	M-v	4	Williams	24582	1990 TJ
1990 TK ₃	12.5	961113	168.66631	1.64506	32.57189	17.09331	0.1746702	2.5812263	39	4	1990–1996	0.84	M-v	2	Williams	26925	1990 TK ₃
1990 TP ₇	13.5	961113	29.65369	63.32264	9.99280	1.43248	0.1036915	3.0050125	30	3	1987–1995	0.68	M-v	5	Marsden	26189	1990 TP ₇
1990 TG ₁₃	14.5	961113	170.40510	22.93312	65.23024	11.51068	0.2020994	2.4263799	12	3	1990–1996	0.53	M-v	4	Marsden	24564	1990 TG ₁₃
1990 VE ₁	13.0	961113	184.30413	220.78202	138.53609	14.38044	0.1696929	2.6192946	18	5	1950–1992	0.71	M-v	2	Williams	23789	1990 VE ₁
1990 VN ₁	13.0	961113	164.62116	347.05981	46.07945	8.73251	0.1165461	2.6229765	17	3	1977–1994	0.83	M-v	3	Williams	24240	1990 VN ₁
1990 VV ₃	13.5	961113	48.51336	297.44162	345.98772	1.94555	0.0727793	2.2298610	28	5	1982–1996	0.75	M-v	1	Williams	25339	1990 VV ₃
1990 WA ₅	12.5	961113	285.79679	136.65459	119.39116	6.35186	0.0124085	2.7387782	14	3	1990–1995	0.59	M-v	4	Williams	26397	1990 WA ₅
1990 YA	13.5	961113	171.79908	127.53921	262.61382	4.40009	0.2761246	2.5605078	38	5	1953–1996	0.63	M-v	1	Williams	26925	1990 YA
1991 CN	13.5	961113	226.26862	162.88740	1.35627	3.98434	0.0736566	2.2730353	35	4	1989–1993	0.73	M-v	2	Williams	22826	1991 CN
1991 CS	17.5	961113	11.96443	249.44723	156.92000	37.12121	0.1645782	1.1228157	127	2	1991–1996	0.63	M-v	2	Williams	27567	1991 CS
1991 CX	14.0	961113	253.56642	304.18913	228.27070	2.77905	0.0665202	2.2042796	31	5	1955–1994	0.84	M-v	2	Williams	25538	1991 CX
1991 DD	14.0	961113	197.16145	93.52412	35.51140	2.47677	0.1313789	2.4374369	37	5	1989–1996	0.75	M-v	1	Williams	27567	1991 DD
1991 EO ₁	13.5	961113	259.81201	277.85118	117.60404	3.72490	0.0874990	2.6386267	29	4	1954–1996	0.44	M-v	1	Williams	27455	1991 EO ₁
1991 FE ₁	13.5	961113	352.35215	102.76292	308.60513	3.19000	0.1466780	2.2652711	25	5	1972–1995	0.63	M-v	2	Williams	25440	1991 FE ₁
1991 GR	11.0	961113	322.51786	0.28426	19.44197	15.60072	0.1222761	2.5639698	42	6	1953–1996	0.64	M-v	1	Williams	27567	1991 GR
1991 GC ₁	14.0	961113	114.93291	222.31169	14.98129	13.83737	0.2089784	2.5334874	27	3	1991–1996	1.01	M-v	3	Williams	25214	1991 GC ₁
1991 GM ₉	13.0	961113	11.11960	43.81924	130.27791	2.09452	0.1285404	3.2049572	24	5	1949–1996	0.94	M-v	1	Williams	26757	1991 GM ₉
1991 HC	13.5	961113	178.60268	184.81565	88.89732	4.66215	0.1433936	2.2690257	15	3	1954–1994	0.81	M-v	5	Williams	23238	1991 HC
1991 JU	13.5	961113	149.97934	239.59176	54.48114	8.40016	0.1348551	2.3191257	23	6	1955–1994	0.74	M-v	2	Williams	25081	1991 JU
1991 JY ₁	12.5	961113	65.05977	116.72726	213.14789	24.77579	0.2271881	2.5564554	42	4	1954–1996	0.59	M-v	2	Williams	25440	1991 JY ₁
1991 LA ₁	13.5	961113	131.17639	100.15957	133.01634	14.50319	0.1333080	2.5811180	17	3	1991–1996	0.36	M-v	3	Williams	25638	1991 LA ₁
1991 LE ₂	13.5	961113	59.22133	269.49086	90.45368	7.34375	0.1612647	2.4526285	20	3	1988–1992	0.89	M-v	4	Williams	21793	1991 LE ₂
1991 PQ ₁	13.0	961113	17.48624	183.09218	148.76881	2.60337	0.0791304	2.8725232	55	7	1950–1996	0.63	M-v	1	Bardwell	25649	1991 PQ ₁
1991 PT ₁	14.5	961113	252.63966	38.08189	191.40857	3.33551	0.1450658	2.3105667	27	4	1987–1995	0.83	M-v	2	Williams	25974	1991 PT ₁
1991 PJ ₃	14.5	961113	41.89074	107.32860	349.67557	4.79947	0.0978315	2.3123065	26	5	1981–1995	0.86	M-v	2	Williams	25974	1991 PJ ₃
1991 PF ₁₀	14.5	961113	223.21316	209.82854	144.83967	2.20354	0.0694774	2.1481779	27	6	1953–1995	0.67	M-v	2	Williams	26420	1991 PF ₁₀

1991 RG	14.5	961113	323.94246	344.24604	228.40686	3.90583	0.0940474	2.2384292	25	6	1985–1994	0.97	M-v	2	Williams	23991	1991 RG
1991 RQ ₇	12.5	961113	26.80712	6.53717	305.84207	9.70568	0.2815560	2.9809233	14	4	1986–1996	0.55	M-v	3	Bardwell	25081	1991 RQ ₇
1991 RN ₁₀	13.0	961113	43.44538	4.93338	3.63798	5.70595	0.1131999	2.7672213	29	6	1979–1996	0.67	M-v	2	Williams	27120	1991 RN ₁₀
1991 RP ₁₅	12.5	961113	291.77173	14.27646	47.64689	1.45272	0.1415135	3.0752619	22	7	1975–1996	0.74	M-v	1	Bardwell	23685	1991 RP ₁₅
1991 RE ₁₆	12.0	961113	143.03597	58.26959	152.82551	11.03128	0.0429297	2.9894312	39	4	1991–1996	0.64	M-v	1	Bardwell	26420	1991 RE ₁₆
1991 UU ₃	13.5	961113	223.34189	336.17588	357.08783	2.23263	0.1608667	2.2816826	21	5	1977–1996	0.68	M-v	2	Williams	26758	1991 UU ₃
1991 VH	17.0	961113	87.84210	207.08154	139.49105	13.91689	0.1438049	1.1365814	47	2	1991–1996	0.58	M-v	3	Williams	27455	1991 VH
1991 VK	17.0	961113	337.58514	173.25322	295.10564	5.42357	0.5069019	1.8428034	67	4	1991–1996	0.67	M-v	1	Williams	27567	1991 VK
1992 BW	13.5	961113	354.69879	86.28561	315.45048	21.79122	0.0860386	1.9374562	26	5	1985–1996	0.66	M-v	1	Bardwell	25227	1992 BW
1992 DC	17.5	961113	77.75203	152.05101	351.68818	10.29508	0.4609375	2.4804714	59	2	1992–1996	0.49	M-v	2	Williams	27455	1992 DC
1992 EA	14.5	961113	95.14162	260.57650	338.37095	1.07649	0.1131708	2.2039705	28	3	1992–1996	0.68	M-v	4	Williams	25330	1992 EA
1992 ER	14.0	961113	171.81283	116.12516	6.45357	7.61143	0.0621827	2.2941626	18	4	1954–1992	0.90	M-v	2	Williams	21977	1992 ER
1992 EK ₁	13.0	961113	92.82995	282.31737	334.24783	6.14703	0.1020048	2.1776932	22	3	1992–1996	0.80	M-v	4	Williams	24913	1992 EK ₁
1992 EC ₄	12.5	961113	135.47944	246.43268	121.70826	3.10760	0.0824250	2.8398325	22	5	1982–1995	0.69	M-v	1	Williams	26926	1992 EC ₄
1992 EW ₇	13.5	961113	313.49755	53.18471	239.65340	1.18308	0.1615703	2.4729591	11	2	1989–1992	0.81	M-v	5	Williams	25650	1992 EW ₇
1992 EW ₉	12.0	961113	191.37305	210.00043	154.86204	15.18959	0.1245098	2.5875286	18	3	1971–1996	0.40	M-v	4	Williams	27326	1992 EW ₉
1992 EZ ₉	13.0	961113	313.25137	60.61542	177.06213	4.22069	0.0203725	2.6587161	18	5	1985–1996	0.72	M-v	2	Williams	26758	1992 EZ ₉
1992 ER ₁₂	14.5	961113	54.59654	21.51597	198.26040	2.37123	0.1154758	2.3847771	10	2	1992–1996	0.75	M-v	4	Marsden	27308	1992 ER ₁₂
1992 EV ₁₅	14.5	961113	149.34887	308.68626	164.34032	2.14602	0.1630132	2.3447505	13	2	1992–1996	0.75	M-v	5	Williams	27556	1992 EV ₁₅
1992 EV ₂₁	15.0	961113	35.97007	175.05198	122.39378	5.43710	0.1757559	2.2047031	24	5	1986–1996	0.85	M-v	2	Williams	24913	1992 EV ₂₁
1992 EJ ₂₄	15.0	961113	209.07384	251.23996	132.25425	9.86010	0.2413467	2.3971729	15	4	1953–1993	0.63	M-v	2	Williams	23979	1992 EJ ₂₄
1992 EQ ₂₇	13.5	961113	205.02950	130.91081	166.81844	1.87804	0.0706808	2.9241671	23	4	1989–1995	0.77	M-v	2	Williams	26926	1992 EQ ₂₇
1992 FL ₁	16.5	961113	53.67596	237.82187	317.68767	5.28874	0.4186450	2.5333191	110	2	1992–1996	0.54	M-v	1	Williams	27567	1992 FL ₁
1992 FW ₁	15.0	961113	154.99541	267.72473	191.79706	22.60573	0.2671936	2.3341299	24	6	1983–1994	0.89	M-v	1	Williams	24240	1992 FW ₁
1992 GE ₂	14.5	961113	300.26242	43.86216	4.54938	3.96255	0.1386399	2.1927015	22	5	1954–1996	0.77	M-v	2	Williams	27567	1992 GE ₂
1992 GG ₃	14.5	961113	139.68646	310.37481	264.04876	0.89289	0.0467011	2.2069880	26	4	1992–1996	0.67	M-v	2	Williams	25340	1992 GG ₃
1992 HX	13.5	961113	224.38284	273.53064	50.03651	1.51553	0.1552219	3.0405571	15	3	1972–1992	0.79	M-v	5	Williams	20825	1992 HX
1992 HA ₅	12.0	961113	199.92774	236.52679	88.37030	2.13123	0.1665239	3.1930795	24	6	1953–1994	0.70	M-v	1	Williams	25538	1992 HA ₅
1992 JB	18.0	961113	148.22094	306.75542	218.51049	16.06393	0.3598762	1.5564888	133	3	1992–1996	0.59	M-v	2	Williams	27567	1992 JB
1992 JS ₂	13.0	961113	323.32717	80.44809	213.43887	12.95521	0.0529203	2.5669136	20	5	1977–1992	0.70	M-v	2	Williams	24913	1992 JS ₂
1992 JQ ₃	14.0	961113	116.73577	345.48170	267.94337	2.52381	0.1554334	2.1913826	23	4	1979–1995	0.87	M-v	2	Williams	25227	1992 JQ ₃
1992 KD	15.5	961113	89.75937	355.39977	242.16677	28.95913	0.4339268	2.3406158	60	3	1992–1996	0.73	M-v	2	Williams	27455	1992 KD
1992 MB	14.0	961113	59.19657	146.54672	186.36222	4.68398	0.1589826	2.2515476	33	9	1972–1995	0.80	M-v	1	Williams	25227	1992 MB
1992 NS	13.0	961113	359.62053	64.40812	218.40483	10.89067	0.1808448	2.6641590	16	2	1992–1996	0.95	M-v	4	Williams	27556	1992 NS
1992 PX ₂	13.0	961113	74.70327	312.03318	286.75909	11.25168	0.1522054	2.6037743	15	4	1954–1992	0.73	M-v	4	Williams	24119	1992 PX ₂
1992 PY ₂	11.5	961113	279.14488	132.64953	287.64270	14.37883	0.1051330	2.6274583	20	3	1992–1996	0.84	M-v	4	Bardwell	27567	1992 PY ₂
1992 PS ₆	13.5	961113	340.54238	181.51939	246.16872	5.52621	0.0952218	2.3491288	17	5	1955–1994	0.78	M-v	1	Williams	25441	1992 PS ₆
1992 QN	17.0	961113	188.05954	202.13279	356.07963	9.59256	0.3591734	1.1907021	128	3	1992–1996	0.57	M-v	2	Marsden	27455	1992 QN
1992 RM	14.5	961113	96.04778	353.63053	5.43465	2.53295	0.1938585	2.2010947	15	2	1979–1992	0.59	M-v	4	Williams	21114	1992 RM
1992 RJ ₅	13.5	961113	275.98008	277.15097	81.48401	3.38361	0.1757337	3.0687983	21	2	1992–1996	0.73	M-v	5	Marsden	27310	1992 RJ ₅
1992 SN	13.0	961113	337.89614	77.72245	307.81158	5.54103	0.1748285	2.6551363	27	4	1985–1996	0.83	M-v	2	Bardwell	25082	1992 SN
1992 SG ₁	13.5	961113	352.46538	218.44028	162.49441	14.74218	0.1726658	2.5632117	23	5	1951–1995	0.70	M-v	2	Williams	25340	1992 SG ₁
1992 ST ₁	12.5	961113	30.41592	333.90963	315.44826	7.55038	0.2089991	2.7899367	18	6	1955–1996	0.73	M-v	2	Williams	27567	1992 ST ₁
1992 SF ₁₃	13.5	961113	282.29538	260.77064	194.87088	3.63180	0.0774794	2.5597322	21	6	1974–1995	0.80	M-v	1	Williams	25538	1992 SF ₁₃
1992 SW ₁₇	12.0	961113	330.67411	94.12133	281.12015	14.02800	0.1536142	2.7480501	28	3	1992–1996	0.63	M-v	3	Bardwell	27567	1992 SW ₁₇
1992 SC ₂₄	13.5	961113	11.57267	168.16968	237.22926	6.10766	0.1210676	2.3840357	13	4	1981–1994	0.58	M-v	2	Williams	25082	1992 SC ₂₄
1992 TA	17.0	961113	183.94462	80.50410	355.41940	26.00008	0.2892782	1.8501123	33	2	1992–1996	0.60	M-v	3	Williams	27326	1992 TA
1992 TC	18.0	961113	37.85006	275.39643	88.75605	7.08824	0.2921267	1.5657158	117	4	1990–1996	0.71	M-v	2	Williams	27455	1992 TC
1992 UQ	12.5	961113	88.32933	111.81689	174.49664	4.58322	0.1518240	2.5302049	31	5	1980–1995	0.94	M-v	2	Williams	25441	1992 UQ
1992 UK ₁	13.0	961113	6.44395	50.76733	265.98225	8.05090	0.1617148	2.8050771	21	4	1977–1996	0.59	M-v	3	Bardwell	27567	1992 UK ₁
1992 UX ₄	12.5	961113	297.13069	173.04135	239.66417	16.13542	0.3283975	2.8694858	21	2	1929–1992	0.74	M-v	4	Williams	22971	1992 UX ₄
1992 UP ₆	12.5	961113	307.02123	153.94901	218.71386	12.80670	0.1616162	2.9751431	11	3	1982–1992	1.02	M-v	4	Williams	22085	1992 UP ₆

1992 VR	14.5	961113	19.81038	218.55841	179.62790	1.74642	0.1602032	2.4664984	14	2	1988–1992	0.61	M-v	4	Williams	22237	1992 VR
1992 WC ₃	13.5	961113	110.54657	271.16729	81.15307	5.71983	0.1866100	2.2717179	24	6	1951–1995	0.83	M-v	3	Williams	26190	1992 WC ₃
1992 WP ₃	12.5	961113	295.92596	102.44643	281.04627	9.50314	0.1225269	3.0543290	15	6	1949–1994	0.89	M-v	2	Williams	24119	1992 WP ₃
1992 WZ ₅	13.5	961113	326.36054	185.64232	263.27545	13.99500	0.2243527	2.6177158	15	6	1975–1996	0.84	M-v	2	Williams	25735	1992 WZ ₅
1993 AD	13.5	961113	292.93968	119.55343	333.85740	8.60158	0.2632312	2.8899817	26	4	1986–1996	0.65	M-v	3	Williams	21802	1993 AD
1993 BJ	13.5	961113	144.37824	22.63081	326.21011	5.52273	0.1862853	2.2845634	26	5	1950–1995	0.67	M-v	2	Williams	26421	1993 BJ
1993 BE ₅	11.5	961113	291.68008	84.15881	311.72600	2.26675	0.0280115	3.6532267	25	5	1984–1996	0.84	M-v	1	Williams	23520	1993 BE ₅
1993 BX ₁₃	14.5	961113	144.47592	198.38603	184.57193	4.79065	0.1447433	2.2367699	10	4	1951–1993	0.91	M-v	3	Williams	25531	1993 BX ₁₃
1993 DQ ₂	13.0	961113	30.99254	255.73832	119.14909	3.18056	0.0772892	2.8761213	16	6	1955–1995	0.98	M-v	1	Williams	25651	1993 DQ ₂
1993 FQ ₂	12.5	961113	296.97640	141.79629	25.67359	9.91021	0.1734717	2.7622563	19	3	1991–1995	0.79	M-v	3	Williams	25960	1993 FQ ₂
1993 FZ ₃₅	12.5	961113	111.58299	212.07948	116.60116	2.64446	0.1366422	3.1413427	16	3	1989–1995	0.46	M-v	3	Williams	25961	1993 FZ ₃₅
1993 FL ₈₄	13.5	961113	249.99113	164.75735	183.08939	8.04903	0.1648088	2.2168456	24	2	1993–1994	0.72	M-v	4	Williams	24744	1993 FL ₈₄
1993 GE	11.0	961113	216.92381	146.34329	57.67596	25.82411	0.2334752	3.1448351	29	5	1990–1996	0.67	M-v	1	Williams	27326	1993 GE
1993 HM ₁	13.0	961113	301.43442	76.64473	131.73177	15.68137	0.1434751	2.6516695	18	5	1950–1996	0.89	M-v	2	Williams	26759	1993 HM ₁
1993 HO ₁	16.0	961113	141.28043	105.15391	22.84130	5.90317	0.4164510	1.9883058	46	4	1979–1996	0.47	M-v	2	Williams	27567	1993 HO ₁
1993 OA ₇	14.0	961113	183.69209	331.91952	111.89284	3.39407	0.1299971	2.4142353	16	4	1979–1996	0.75	M-v	2	Marsden	27446	1993 OA ₇
1993 OM ₁₀	14.5	961113	156.95666	212.49839	155.23320	1.57125	0.1914255	3.2024720	14	3	1988–1995	0.53	M-v	4	Williams	26581	1993 OM ₁₀
1993 PE	15.0	961113	299.93650	76.90249	267.11134	3.92756	0.0997791	2.3817684	66	6	1951–1996	0.60	M-v	1	Williams	27455	1993 PE
1993 PB ₇	13.0	961113	283.21470	73.74803	172.67181	0.49357	0.1332370	3.1556603	17	3	1988–1993	0.70	M-v	4	Williams	24110	1993 PB ₇
1993 QT	14.0	961113	77.42171	336.65980	342.12777	18.69605	0.0695317	1.9565488	33	4	1990–1996	0.68	M-v	3	Williams	25228	1993 QT
1993 RB	15.5	961113	205.90278	161.33494	337.63706	8.30327	0.0523727	2.2218484	70	3	1993–1996	0.55	M-v	3	Williams	27567	1993 RB
1993 SU ₂	12.5	961113	250.94725	101.64763	295.34872	13.77740	0.0995860	2.5800333	15	5	1973–1995	0.86	M-v	3	Williams	25441	1993 SU ₂
1993 SY ₃	13.5	961113	254.06939	193.85852	207.99538	5.87949	0.1726381	2.5494057	16	6	1955–1996	0.62	M-v	2	Williams	27326	1993 SY ₃
1993 TN ₂₉	16.0	961113	335.36841	195.50302	125.32859	3.24769	0.2178215	2.4282883	17	3	1989–1996	0.80	M-v	3	Williams	27557	1993 TN ₂₉
1993 TL ₃₂	14.0	961113	268.14400	251.09739	115.01083	2.67057	0.0911580	2.6885862	20	2	1993–1996	0.72	M-v	5	Marsden	27312	1993 TL ₃₂
1993 UC	15.5	961113	258.56887	322.99505	166.04411	26.02973	0.6634223	2.4367294	178	4	1989–1996	0.60	M-v	1	Williams	23863	1993 UC
1993 UN	15.0	961113	43.69979	187.91665	120.42057	0.57332	0.1581300	2.1642987	55	3	1993–1996	0.54	M-v	3	Williams	27456	1993 UN
1993 VA	17.0	961113	296.44355	336.47266	133.24926	7.26004	0.3913072	1.3558507	91	3	1986–1996	0.61	M-v	1	Williams	27567	1993 VA
1993 VN	14.0	961113	343.42321	161.38275	175.12950	2.09741	0.2317357	2.4007221	24	5	1978–1996	0.73	M-v	1	Williams	27326	1993 VN
1993 VY ₁	13.0	961113	103.59293	224.99554	31.13697	5.69767	0.1394863	2.2691469	16	5	1978–1995	0.93	M-v	2	Williams	25069	1993 VY ₁
1993 VU ₅	13.5	961113	94.02083	236.49661	9.80227	5.74174	0.0671948	2.3239954	24	4	1986–1995	0.47	M-v	1	Williams	25069	1993 VU ₅
1993 WE	13.0	961113	165.99391	210.75650	290.50018	1.56755	0.1200252	2.7623677	28	4	1988–1995	0.68	M-v	1	Williams	25217	1993 WE
1993 XR	14.0	961113	33.68423	208.70895	78.79895	12.70496	0.1800248	2.5845189	42	3	1993–1996	0.68	M-v	3	Williams	27568	1993 XR
1994 AJ	13.5	961113	7.02047	219.44466	125.52219	9.04495	0.2316416	2.4213013	49	4	1989–1996	0.57	M-v	2	Williams	25228	1994 AJ
1994 AY ₁	13.0	961113	259.76126	295.60874	157.15261	1.59649	0.1256216	2.6224489	22	3	1992–1996	0.76	M-v	5	Williams	23343	1994 AY ₁
1994 AP ₂	12.5	961113	314.54873	291.34837	148.04764	23.09130	0.2081811	2.3644823	39	4	1987–1996	0.74	M-v	2	Bardwell	25651	1994 AP ₂
1994 AQ ₂	13.0	961113	248.34289	334.05316	109.13195	3.26368	0.0287234	2.8355492	32	4	1978–1996	0.62	M-v	1	Williams	25341	1994 AQ ₂
1994 AX ₂	12.5	961113	124.09892	263.78225	295.91767	11.51322	0.1051860	3.0148399	35	5	1984–1996	0.83	M-v	1	Williams	23128	1994 AX ₂
1994 BE	13.5	961113	71.56481	63.89693	185.77251	6.85788	0.0452703	2.9715712	27	3	1994–1996	0.42	M-v	3	Williams	27568	1994 BE
1994 BF	13.5	961113	322.47542	299.47386	140.02099	7.86714	0.1909803	2.3229807	49	4	1975–1996	0.75	M-v	1	Williams	25442	1994 BF
1994 BH	13.5	961113	251.43187	348.33570	121.75102	7.19330	0.2302973	2.6241431	49	4	1977–1996	0.72	M-v	2	Williams	25442	1994 BH
1994 BJ	12.5	961113	346.66777	239.96339	131.86613	13.63257	0.1860734	2.5959099	39	4	1975–1996	0.85	M-v	2	Williams	27558	1994 BJ
1994 CS	13.0	961113	164.72522	36.57056	143.72409	8.05059	0.1830092	3.0352176	27	3	1962–1996	0.65	M-v	3	Williams	25083	1994 CS
1994 CB ₁	14.0	961113	270.32542	197.28082	248.04830	3.17621	0.2975488	2.5694732	14	3	1976–1996	0.44	M-v	3	Williams	25083	1994 CB ₁
1994 CJ ₁₁	14.0	961113	276.25728	301.53777	148.26116	22.09087	0.0976319	2.7160899	20	4	1985–1996	0.73	M-v	1	Williams	25442	1994 CJ ₁₁
1994 FQ	14.0	961113	181.34064	344.23758	157.16063	16.39168	0.1197215	3.0930414	30	3	1994–1996	0.85	M-v	3	Williams	27568	1994 FQ
1994 FR	13.5	961113	20.18454	37.17644	310.75179	1.22267	0.0771082	2.8843810	40	5	1986–1996	0.69	M-v	1	Williams	25442	1994 FR
1994 GF ₉	14.0	961113	226.68770	198.69190	25.60178	2.62278	0.1525260	2.3963903	21	7	1955–1994	0.85	M-v	2	Williams	24914	1994 GF ₉
1994 NS	14.5	961113	263.99032	78.99575	203.81374	6.48036	0.2396086	2.1672104	17	2	1988–1994	0.82	M-v	4	Williams	23870	1994 NS
1994 PB	12.5	961113	57.46097	207.31409	232.90856	7.27062	0.1785984	3.0707052	59	3	1989–1995	0.64	M-v	3	Williams	26422	1994 PB
1994 PC	17.5	961113	17.02314	256.59544	124.53478	9.45388	0.3170366	1.5682138	126	4	1982–1996	0.74	M-v	1	Marsden	27568	1994 PC
1994 RH	16.0	961113	198.85235	91.81656	331.67952	18.93217	0.4410074	2.2469387	123	3	1984–1996	0.58	M-v	2	Williams	27327	1994 RH

1994 TB	7.0	961113	328.49539	98.19020	317.29582	12.11066	0.3189909	39.7205529	42	3	1994–1996	0.84	M-v	3	Marsden	26581	1994 TB
1994 TW ₁	15.0	961113	159.80993	62.19000	3.61253	36.03676	0.5766791	2.5907647	121	3	1991–1996	0.72	M-v	1	Williams	27456	1994 TW ₁
1994 TF ₂	19.0	961113	267.17358	349.59532	175.33169	23.75512	0.2838185	0.9932300	76	3	1994–1996	0.69	M-v	4	Williams	27327	1994 TF ₂
1994 TH ₂	12.0	961113	204.07186	187.69264	105.90451	2.52994	0.1283749	3.1399371	22	4	1978–1996	0.87	M-v	2	Williams	26581	1994 TH ₂
1994 TM ₂	14.0	961113	189.09372	311.52875	120.44961	3.28670	0.0386066	2.1423373	23	2	1994–1996	0.53	M-v	4	Williams	27313	1994 TM ₂
1994 UF	15.0	961113	202.52331	176.38160	191.21439	13.03470	0.2881804	2.4275564	17	1	142 days	0.52	M-v	4	Williams	25070	1994 UF
1994 UH	14.0	961113	196.96892	314.79693	117.82442	2.24987	0.1089942	2.2677429	27	4	1955–1996	0.53	M-v	3	Williams	27568	1994 UH
1994 UY ₁	14.5	961113	195.15752	233.76807	206.64640	3.47771	0.1463830	2.1974488	12	2	1994–1996	0.86	M-v	5	Williams	27559	1994 UY ₁
1994 UZ ₁₂	13.0	961113	162.62982	244.68839	129.18383	5.97267	0.1580951	3.1888052	15	4	1988–1996	0.70	M-v	2	Williams	27107	1994 UZ ₁₂
1994 WE ₁	14.0	961113	122.89875	82.02618	64.77843	7.31752	0.0582378	2.3749293	30	3	1987–1996	0.49	M-v	2	Marsden	27327	1994 WE ₁
1994 WQ ₁	12.5	961113	174.97216	4.90408	45.24989	2.73616	0.0697843	2.8711499	15	5	1954–1994	0.70	M-v	2	Williams	25442	1994 WQ ₁
1994 WH ₃	12.0	961113	162.77327	262.88821	111.47770	1.96683	0.1742703	3.1572300	14	3	1982–1994	0.80	M-v	5	Williams	24575	1994 WH ₃
1994 XG ₁	14.0	961113	133.35323	62.20556	68.31182	4.49061	0.0664110	2.6187377	30	3	1979–1996	0.79	M-v	4	Marsden	27327	1994 XG ₁
1994 XJ ₁	14.0	961113	257.54452	327.74847	61.69826	3.60115	0.1668288	2.2198960	29	4	1987–1996	0.72	M-v	2	Marsden	27456	1994 XJ ₁
1994 YT	13.5	961113	57.16701	319.45025	281.55255	2.50843	0.1335486	2.3974637	20	4	1977–1995	0.89	M-v	2	Williams	25084	1994 YT
1995 AO ₁	14.5	961113	135.57138	307.13715	211.28397	10.01587	0.3178551	2.7031821	32	2	1995–1996	0.46	M-v	3	Marsden	27559	1995 AO ₁
1995 BU	13.5	961113	183.15420	344.85865	130.89319	22.25022	0.0289814	2.4301498	39	2	1995–1996	0.44	M-v	3	Marsden	27568	1995 BU
1995 CM ₁	13.5	961113	359.92136	331.70704	351.23334	9.96667	0.1200367	2.3917760	16	2	1989–1995	0.71	M-v	5	Williams	24908	1995 CM ₁
1995 CT ₁	12.0	961113	106.63847	300.83730	270.45224	32.30925	0.2588009	2.7785544	19	2	1995–1996	0.49	M-v	3	Bardwell	27559	1995 CT ₁
1995 CE ₂	12.5	961113	48.88327	331.50888	291.16032	28.52346	0.0413436	2.6092189	14	3	1989–1995	0.51	M-v	3	Williams	25071	1995 CE ₂
1995 DJ ₁	13.0	961113	84.67543	302.66832	311.40982	1.95437	0.1433091	2.4572290	21	3	1991–1996	0.77	M-v	4	Williams	25072	1995 DJ ₁
1995 DK ₁	11.0	961113	103.21440	35.32352	133.93298	13.17533	0.1333307	3.1730129	30	4	1939–1996	0.86	M-v	2	Williams	27568	1995 DK ₁
1995 DY ₁	15.0	961113	356.70959	142.93029	208.90042	4.77213	0.2204154	2.2415141	28	3	1986–1996	0.36	M-v	4	Williams	27559	1995 DY ₁
1995 DD ₂	12.0	961113	50.99681	81.81921	163.67759	10.25293	0.0874042	2.7617586	29	5	1977–1996	0.73	M-v	1	Williams	27568	1995 DD ₂
1995 EO	15.5	961113	203.19180	261.75854	236.02958	3.21353	0.1002070	2.2891567	40	2	1995–1996	0.58	M-v	4	Marsden	27568	1995 EO
1995 HA	15.0	961113	35.66116	76.80945	212.87284	8.79252	0.0823222	3.0762230	29	2	1995–1996	0.43	M-v	4	Williams	27559	1995 HA
1995 LG	18.5	961113	38.94000	160.05856	276.49720	43.53425	0.7910843	1.0645145	114	2	1995–1996	0.64	M-v	4	Williams	27568	1995 LG
1995 OL ₁	14.0	961113	140.56495	286.01459	337.73488	3.10267	0.1815628	2.6282252	32	4	1990–1996	0.48	M-v	1	Williams	26422	1995 OL ₁
1995 SZ ₃	14.0	961113	112.32839	170.20970	202.66482	6.11868	0.2392832	2.3469145	18	3	1959–1995	0.73	M-v	4	Marsden	26177	1995 SZ ₃
1995 SE ₄	13.0	961113	81.86496	110.86700	270.29553	13.66538	0.1161904	2.6503374	20	2	1991–1995	0.55	M-v	4	Williams	25966	1995 SE ₄
1995 SV ₅₂	12.0	961113	42.20361	258.83842	141.77616	7.09197	0.1450681	3.1565999	9	2	1992–1995	0.70	M-v	5	Williams	26178	1995 SV ₅₂
1995 UR ₅	13.0	961113	118.35413	126.67285	201.62393	11.93707	0.1005932	2.9840476	14	2	1993–1995	0.93	M-v	5	Marsden	26406	1995 UR ₅
1995 WL ₇	12.5	961113	151.15250	259.58617	81.01952	6.44990	0.1327199	2.8160762	22	4	1962–1995	0.52	M-v	1	Williams	26761	1995 WL ₇
1995 XB	13.0	961113	32.57901	39.27627	69.04512	2.83355	0.0255066	2.9082219	33	4	1977–1995	0.54	M-v	1	Williams	26761	1995 XB
1995 YO	12.5	961113	103.97280	297.75363	109.28489	10.36556	0.0834108	3.1734519	22	3	1954–1996	0.69	M-v	4	Williams	26761	1995 YO
1996 CR ₇	13.0	961113	238.97837	189.42603	146.95871	15.42757	0.1154080	2.5967599	24	5	1985–1996	0.86	M-v	2	Williams	27112	1996 CR ₇
1996 DH	17.0	961113	353.59021	351.31413	309.40454	17.23172	0.2768551	1.5871467	80	1	112 days	0.54	M-v	4	Williams	27457	1996 DH
1996 DF ₁	14.0	961113	313.71237	316.40169	322.20123	3.15775	0.1960224	2.5540826	25	4	1985–1996	0.87	M-v	3	Williams	27123	1996 DF ₁
1996 DN ₁	13.5	961113	242.10348	330.76135	0.91962	2.78306	0.0883574	2.6718231	28	5	1950–1996	0.78	M-v	2	Williams	27123	1996 DN ₁
1996 DG ₂	13.0	961113	338.33890	114.41191	142.65376	0.88419	0.1669480	3.1476841	36	4	1981–1996	0.74	M-v	1	Williams	27328	1996 DG ₂
1996 EN	16.5	961113	53.04386	125.06668	164.25033	37.95137	0.4310690	1.5065602	216	1	159 days	0.54	M-v	3	Marsden	27568	1996 EN
1996 EY	14.0	961113	164.69913	101.56037	312.27245	1.64113	0.1894712	2.4379237	26	5	1960–1996	0.43	M-v	2	Williams	27457	1996 EY
1996 EW ₁	13.0	961113	225.20414	22.52621	330.49120	1.56453	0.0828168	3.0231049	27	5	1972–1996	0.75	M-v	2	Williams	27457	1996 EW ₁
1996 FQ ₃	21.0	961113	65.93736	79.56794	148.46879	1.06625	0.4708449	2.0306426	113	1	122 days	0.54	M-v	4	Williams	27569	1996 FQ ₃
1996 GD ₁	21.0	961113	79.64393	293.45840	38.21760	18.36927	0.3524057	1.1854963	46	1	55 days	0.69	M-v	7	Williams	27457	1996 GD ₁
1996 HR	14.0	961113	194.77915	345.76091	81.85874	6.02853	0.0969130	2.7323834	31	3	1962–1996	0.61	M-v	4	Marsden	27457	1996 HR
1996 HW ₁	15.5	961113	344.91531	176.75395	177.27778	8.42398	0.4487601	2.0464699	125	1	86 days	0.55	M-v	4	Williams	27569	1996 HW ₁
1996 HJ ₁₅	14.5	961113	43.44624	87.17871	139.30211	1.11328	0.0363585	2.5218853	20	2	1993–1996	0.86	M-v	6	Williams	27562	1996 HJ ₁₅
1996 HD ₂₁	14.0	961113	11.64891	215.61345	60.95138	4.45989	0.2200900	2.5953188	25	5	1976–1996	0.73	M-v	2	Marsden	27457	1996 HD ₂₁
1996 LH	15.0	961113	31.82939	231.74777	359.02195	7.24145	0.1082943	2.4179026	52	4	1977–1996	0.48	M-v	1	Williams	27563	1996 LH
1996 MR	16.5	961113	26.76316	193.32096	134.84191	4.28108	0.3494290	2.3919824	46	2	1995–1996	0.46	M-v	4	Williams	27563	1996 MR
1996 NX	12.5	961113	80.18615	318.63615	271.45291	14.02785	0.0568817	2.5728117	15	2	1991–1996	0.71	M-v	4	Williams	27564	1996 NX

1996 NL ₁	14.5	961113	332.51161	74.39367	292.93581	3.20518	0.0802569	2.2777784	16	3	1979–1996	0.32	M-v	4	Williams	27564	1996 NL ₁
2546 P-L	14.0	961113	184.48015	254.98218	185.99441	14.80974	0.0945826	2.5863529	12	3	1960–1989	0.55	M-v	3	Williams	12689	2546 P-L
2558 P-L	13.0	961113	139.51052	48.29617	19.18432	5.15779	0.1677488	3.1327304	21	5	1960–1996	0.92	M-v	1	Williams	26929	2558 P-L
2716 P-L	16.5	961113	18.05867	171.18254	159.84320	2.62831	0.2097967	2.3569482	16	3	1960–1996	0.81	M-v	4	Williams	24585	2716 P-L
2777 P-L	14.0	961113	335.82432	100.12671	159.68285	2.91755	0.1680920	2.4055955	21	6	1949–1993	0.97	M-v	2	Williams	22601	2777 P-L
3553 P-L	13.5	961113	184.82514	192.43577	300.35909	6.60217	0.1689683	2.7799592	24	3	1960–1996	0.54	M-v	4	Williams	27569	3553 P-L
4047 P-L	14.0	961113	344.17967	318.46611	339.95631	2.07606	0.0201211	2.7867293	24	5	1960–1992	0.73	M-v	2	Williams	25084	4047 P-L
4517 P-L	13.5	961113	149.08318	322.53107	9.85650	6.86315	0.1765859	2.3013095	29	4	1960–1995	0.87	M-v	4	Williams	26423	4517 P-L
4721 P-L	14.5	961113	170.18109	156.83020	10.81821	2.40702	0.0240742	2.7489174	19	3	1960–1996	0.57	M-v	4	Williams	23130	4721 P-L
6055 P-L	16.5	961113	332.43076	76.75148	327.29209	1.87288	0.2129976	2.3546448	37	4	1960–1996	0.47	M-v	2	Williams	23350	6055 P-L
6071 P-L	13.5	961113	107.78811	341.44079	196.84116	8.89293	0.0905295	2.7842225	14	3	1960–1995	0.58	M-v	4	Williams	24909	6071 P-L
6097 P-L	15.5	961113	4.50567	37.82132	276.17453	1.26692	0.2087583	2.3674515	14	2	1960–1989	0.98	M-v	5	Williams	22087	6097 P-L
6644 P-L	15.5	961113	48.15098	140.60130	154.23688	5.32315	0.2094730	2.5238993	23	4	1960–1996	0.60	M-v	3	Williams	25341	6644 P-L
9575 P-L	15.5	961113	233.74909	281.34683	78.65516	2.90410	0.1877667	2.1264437	11	3	1951–1991	0.52	M-v	4	Williams	19877	9575 P-L
1102 T-1	15.0	961113	19.37672	49.69660	214.33234	6.29476	0.0905018	2.3217026	21	3	1971–1996	0.88	M-v	5	Williams	27564	1102 T-1
1217 T-1	13.5	961113	218.73518	89.93062	335.68562	2.46258	0.1138002	2.5475103	24	5	1969–1995	0.97	M-v	2	Williams	24915	1217 T-1
1240 T-1	13.0	961113	22.61385	338.55971	2.06187	9.10201	0.1615803	2.7990257	27	5	1971–1996	0.99	M-v	2	Bardwell	23870	1240 T-1
1251 T-1	12.5	961113	82.81778	37.37967	350.02242	9.12770	0.1039250	3.0541083	19	3	1971–1995	0.88	M-v	4	Williams	26192	1251 T-1
2144 T-1	15.5	961113	115.66977	73.84609	161.41017	6.44367	0.0587235	2.2780289	31	4	1971–1996	0.62	M-v	2	Williams	25229	2144 T-1
3057 T-1	14.5	961113	56.21747	40.62427	230.93450	2.45028	0.0454317	2.5280364	19	4	1971–1996	0.86	M-v	2	Williams	22827	3057 T-1
3212 T-1	14.0	961113	67.77741	65.25711	6.30881	3.77511	0.0849475	2.1934386	19	3	1955–1992	0.71	M-v	3	Williams	22087	3212 T-1
3306 T-1	15.5	961113	251.75689	136.37406	167.87531	2.45978	0.2110679	2.3853101	24	3	1971–1995	0.59	M-v	5	Williams	26583	3306 T-1
4034 T-1	12.5	961113	39.27782	103.87337	158.99086	4.39381	0.0370640	2.8565586	18	4	1949–1995	0.82	M-v	2	Williams	25436	4034 T-1
4177 T-1	14.5	961113	104.24559	21.76792	25.77666	4.64980	0.1296985	2.1856256	21	4	1971–1995	0.80	M-v	2	Williams	25970	4177 T-1
4192 T-1	14.0	961113	259.55030	278.09725	57.84721	3.62825	0.1268094	2.3495767	26	7	1951–1996	0.74	M-v	2	Williams	27569	4192 T-1
4825 T-1	14.5	961113	324.97945	275.51686	121.71440	3.15485	0.1581678	2.2674971	15	4	1971–1996	0.74	M-v	2	Williams	24115	4825 T-1
1045 T-2	14.0	961113	273.17203	166.63434	199.78354	7.83284	0.1423543	2.2693979	17	4	1955–1996	0.89	M-v	3	Williams	27328	1045 T-2
1218 T-2	14.0	961113	3.58183	283.73046	154.26726	0.96002	0.0787041	2.4070204	27	6	1955–1992	0.85	M-v	1	Williams	24120	1218 T-2
1281 T-2	14.0	961113	122.10657	260.72605	194.54937	12.72254	0.1682868	2.5933779	23	4	1971–1994	0.88	M-v	2	Williams	22087	1281 T-2
1324 T-2	14.0	961113	216.45915	248.57306	19.99690	4.91384	0.1283710	2.3612263	36	5	1954–1995	0.94	M-v	2	Williams	26193	1324 T-2
1355 T-2	13.5	961113	309.06132	90.09493	67.45983	0.31260	0.1227999	3.0880973	41	3	1973–1995	0.93	M-v	5	Williams	26185	1355 T-2
2144 T-2	14.5	961113	339.24852	279.40619	357.62316	4.45469	0.1324284	2.5341860	33	5	1973–1996	1.08	M-v	3	Williams	26929	2144 T-2
2155 T-2	14.5	961113	320.24902	72.82082	184.37821	4.06310	0.1123401	2.3022240	31	7	1952–1996	0.94	M-v	2	Williams	26929	2155 T-2
2280 T-2	15.0	961113	280.23135	337.56383	177.08506	3.12275	0.0520949	2.1820823	31	5	1973–1994	1.00	M-v	2	Williams	23135	2280 T-2
3145 T-2	13.5	961113	282.39496	305.79299	127.50220	4.81603	0.1173454	2.7944835	32	6	1955–1996	0.84	M-v	1	Williams	25229	3145 T-2
3177 T-2	15.5	961113	135.54474	115.59061	79.00766	1.38496	0.0243501	2.2377408	36	3	1973–1996	1.02	M-v	4	Williams	27565	3177 T-2
3285 T-2	14.0	961113	97.98279	320.12328	56.26774	3.74174	0.2291520	2.3816788	14	4	1951–1988	0.80	M-v	2	Williams	15257	3285 T-2
3297 T-2	14.0	961113	228.37167	174.00542	40.48623	4.43101	0.1594879	2.3942333	34	6	1954–1994	0.78	M-v	3	Williams	25540	3297 T-2
4129 T-2	14.5	961113	350.34343	199.44611	29.82435	5.20586	0.1446172	2.3002414	37	6	1973–1996	1.01	M-v	2	Williams	26929	4129 T-2
5162 T-2	12.0	961113	162.41515	352.95185	316.60829	8.69700	0.0741003	3.0678828	19	2	1973–1989	0.87	M-v	5	Williams	22701	5162 T-2
5469 T-2	14.0	961113	83.56306	225.50900	252.26774	7.00334	0.0582353	2.3261256	15	4	1954–1984	0.87	M-v	2	Williams	20517	5469 T-2
1080 T-3	12.5	961113	338.13057	256.96689	332.60105	11.17123	0.1069084	2.6049032	22	3	1977–1996	0.95	M-v	4	Williams	26929	1080 T-3
2078 T-3	12.5	961113	37.01264	227.83127	344.33986	7.26323	0.1444495	2.5663274	35	5	1977–1996	0.73	M-v	2	Williams	27458	2078 T-3
2390 T-3	13.5	961113	200.76676	223.62843	14.53086	7.61351	0.0696403	2.3872512	37	6	1972–1994	0.90	M-v	2	Williams	23540	2390 T-3
2416 T-3	13.0	961113	1.33042	197.26330	274.62344	1.40202	0.1664182	2.3782061	15	2	1977–1988	0.73	M-v	7	Williams	22702	2416 T-3
3186 T-3	14.0	961113	55.74467	2.77689	54.96505	3.28527	0.1934677	2.3711526	27	6	1957–1995	0.80	M-v	1	Williams	25652	3186 T-3
3224 T-3	16.0	961113	313.73202	247.91262	165.02744	3.36868	0.0306380	2.1729840	32	3	1977–1996	0.80	M-v	6	Williams	23135	3224 T-3
3398 T-3	14.5	961113	189.66974	266.69348	151.65791	2.23236	0.1283587	2.2612249	40	6	1950–1996	0.86	M-v	1	Williams	27124	3398 T-3
3474 T-3	15.0	961113	203.77696	140.72820	59.73998	3.21595	0.1620194	2.4184172	12	4	1953–1981	0.99	M-v	4	Williams	20519	3474 T-3
4195 T-3	14.0	961113	197.54316	81.46617	184.39885	13.86455	0.1057586	2.3614905	32	4	1977–1995	0.81	M-v	2	Williams	25733	4195 T-3
4354 T-3	15.0	961113	327.93368	250.86133	132.71387	4.01945	0.0718173	2.1832960	28	5	1954–1996	0.82	M-v	2	Williams	25341	4354 T-3
5170 T-3	13.0	961113	22.33850	24.68887	153.39899	10.91422	0.1777389	2.6318969	29	3	1977–1996	0.76	M-v	4	Williams	26929	5170 T-3

NEW NAMES OF MINOR PLANETS

(3110) Wagman = 1975 SC

Discovered 1975 Sept. 28 by H. L. Giclas at the Anderson Mesa Station of the Lowell Observatory.

Named in memory of Nicholas E. Wagman (1905–1980), American astronomer and leading astrometrist. Associated with the Allegheny Observatory beginning in 1930, he was its director and the chairman of the University of Pittsburgh's Astronomy Department from 1941 until 1970. Under his direction the 0.76-m Thaw refractor was renovated and used to set the standard for parallax determinations, of which over 1200 were made; and a number of astrometric binaries were discovered and characterized. In his honor the Amateur Astronomers Association of Pittsburgh named its Nicholas E. Wagman Observatory in 1976. Name proposed and citation prepared by T. P. Kohman on behalf of the association.

(3177) Chillicothe = 1934 AK

Discovered 1934 Jan. 8 by H. L. Giclas at the Lowell Observatory.

Named for the southern Ohio city of Chillicothe, located at the confluence of the Scioto River and Paint Creek, on the occasion of the bicentennial of its founding by Nathaniel Massie. The name is derived from the Shawnee Indian word meaning "principal town". This area was occupied by the Adena Mound Builders over 2000 years ago and at the time of its founding by the Shawnee Indians. Chillicothe served as the capital of the eastern section of the Northwest Territory and was the first capital of Ohio from 1803 to 1816. Name proposed by F. N. Bowman, who independently made the principal identification involving this planet and who lives 20 miles southwest of Chillicothe.

(3443) Leetsungdao = 1979 SB₁

Discovered 1979 Sept. 26 at the Purple Mountain Observatory.

Named in honor of the theoretical physicist Tsung-Dao Lee (b. 1926), professor at Columbia University, winner of the Nobel prize in physics in 1957. Among his outstanding works is the discovery of parity and other symmetry violations in weak interactions. From the late 1940s onward, he made many other landmark contributions to weak interactions. In the 1970s and 1980s Lee established the field of nontopological solitons and discovered a large class of new astronomical solutions of general relativity, called soliton stars.

(3665) Fitzgerald = 1979 FE

Discovered 1979 Mar. 19 by A. Mrkos at Kleť.

Named in memory of Ella Fitzgerald (1917–1996), renowned jazz singer known internationally as the "First Lady of Song". A phenomenal improvisationalist who used her voice as if it were a musical instrument, she was also known for her albums of definitive performances of the works of many of the leading songwriters of the first half of the twentieth century. Name proposed by M. Tichý and B. G. Marsden.

(3791) Marci = 1981 WV₁

Discovered 1981 Nov. 17 by A. Mrkos at Kleť.

Named in memory of Jan Marcus Marci of Kronland (1595–1667), Czech physicist, mathematician, astronomer and physician at the Charles University in Prague during the Thirty Years War. Twenty years before Newton, Marci thoroughly described the spectral dispersion and diffraction of light, color effects on thin layers and rainbow colors. He also studied elastic and inelastic collisions of spheres, the motion of a pendulum and tried to solve the problem of squaring the circle. Name suggested by J. Tichá and M. Šolc.

(3827) Zdenekhorský = 1986 VU

Discovered 1986 Nov. 3 by A. Mrkos at Kleť.

Named in memory of Zdeněk Horský (1929–1988), outstanding Czech historian of medieval and renaissance astronomy and authority on Kepler. Horský also studied megalithic localities in Bohemia, explained the cosmological architectural symbolism of the gothic Charles Bridge and the New Town of Prague and dated the origin of the famous astronomical clock on the Old Town Hall in Prague. Name suggested by J. Tichá, M. Tichý and Z. Moravec.

(3847) Šindel = 1982 DY₁

Discovered 1982 Feb. 16 by A. Mrkos at Kleť.

Named in memory of Jan Ondřejův, known as Šindel (c. 1375–c. 1456), Czech medieval astronomer, mathematician, physician, professor at the universities in Nuremberg, Vienna and Prague, rector of the Charles University in Prague. He designed the famous Prague astronomical clock, which was built by the clockmaster Nicolas of Kadaň in 1410 and is still working today. Name suggested by J. Tichá and M. Šolc.

(3887) Gerstner = 1985 QX

Discovered 1985 Aug. 22 by A. Mrkos at Kleť.

Named in memory of the physicist František Josef Gerstner (1756–1832) and his son František Antonín Gerstner (1795–1840). F. J. Gerstner worked at the observatories in Vienna and Prague but then turned from astronomy to applied mathematics, physics, mechanics and metallurgy. He founded the Prague Polytechnic School, later Technical University, in 1806. He also designed the horse railroad from České Budějovice to Linz. F. A. Gerstner continued building this horse railroad, which was completed in 1832 and is considered the first railroad in continental Europe. Name suggested by J. Tichá and M. Šolc.

(3893) DeLaeter = 1980 FG₁₂

Discovered 1980 Mar. 20 by M. P. Candy at the Perth Observatory.

Named in honor of John DeLaeter, retired professor at Curtin University, Western Australia, in recognition of his pioneering application of mass spectrometry to a range of astrophysical, chemical, geological and nuclear problems over many decades. His outstanding scientific achievements and communication skills have been recognized in awards from ANZAAS, the Royal Society and the Australian Geological Society. He is an officer of the Order of Australia. His support of the Perth Observatory during funding crises was instrumental in maintaining the operation of this isolated institution. Name suggested and citation provided by J. Biggs and P. Birch.

(3894) Williamcooke = 1980 PQ₂

Discovered 1980 Aug. 14 by P. Jekabsons and M. P. Candy at the Perth Observatory.

Named in memory of William Ernest Cooke (1863–1947), government astronomer for Western Australia during 1896–1912 and first director of the Perth Observatory. His astronomical expertise and willingness to engage in international collaboration paved the way for the establishment of the Observatory and led to its involvement with the 'Carte du Ciel' project and the acquisition of all the plates for the declination zone -31° and -41° . During 1912–1926 Cooke was government astronomer for New South Wales, and he remains the only Sydney Observatory director to hold the post of professor of astronomy at Sydney University at the same time. Name suggested and citation provided by J. Biggs and P. Birch.

(3898) Curlewis = 1981 SF₉

Discovered 1981 Sept. 26 by M. P. Candy at the Perth Observatory.

Named in honor of Harold Burnham Curlewis (1874–1960), government astronomer for Western Australia during 1912–1940 and second director of the Perth Observatory. Because of severe funding cuts, he was sometimes the observatory's only employee, but he managed to keep the observatory operational during the severe years of the depression. His 38 years of continuous service remain the longest of any employee of the Perth Observatory. Name suggested and citation provided by J. Biggs and P. Birch.

(3905) Doppler = 1984 QO

Discovered 1984 Aug. 28 by A. Mrkos at Kleť.

Named in memory of the Austrian physicist Christian Doppler (1803–1853), professor of mathematics and geometry at the Technical University in Prague and later the first director of the Physical Institute in Vienna. The well-known effect relating a shift in observed wavelength to the relative motion of source and observer was formulated by Doppler in Prague in his book *Ueber das farbige Licht der Doppelsterne* (1842). Name suggested by J. Tichá and M. Šolc.

(3929) Carmelmaria = 1981 WG₉

Discovered 1981 Nov. 16 by P. Jekabsons at the Perth Observatory.

Named in honor of Carmel Maria Borg (nee Materazzo), secretary at the Perth Observatory and administrative assistant to three directors over 17 years. Her devotion to observatory projects, attention to detail and public-relations skills have seen the Perth Observatory through some turbulent times and played a large part in the successful interaction the observatory enjoys with the local community. She has also played a major role in preserving many of the observatory's historical documents and artifacts. Name suggested and citation provided by J. Biggs and P. Birch.

(3949) Mach = 1985 UL

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

Named in memory of Ernst Mach (1838–1916), professor of physics at the universities of Graz and Prague and later professor of philosophy in Vienna. He made investigations on supersonic motion, explosions, electric sparks and philosophical positivism, and the Mach number and Mach's principle are forever associated with his name. Name suggested by J. Tichá and M. Šolc.

(3979) Brorsen = 1983 VV₁

Discovered 1983 Nov. 8 by A. Mrkos at Kleť.

Named in memory of Theodor Brorsen (1819–1895), Danish astronomer, known for his discoveries of five comets and his studies of the gegenschein. After studying and working in Kiel, Heidelberg and Altona he worked at the private observatory of baron John Parish in Senftenberg (Žamberk) in eastern Bohemia from 1847 to 1870. Name suggested by J. Tichá.

(4090) Říše hvězd = 1986 RH₁

Discovered 1986 Sept. 2 by A. Mrkos at Kleť.

Named for *Říše hvězd* (*the Realm of Stars*), Czech popular journal for astronomy. Originally published by the Czech Astronomical Society in Prague, the journal has described new findings from astronomy, astrophysics and space exploration and provided information about Czech and Slovak amateur and professional astronomy for more than three-quarters of a century. Name suggested by J. Tichá, M. Tichý and Z. Moravec.

(4612) Greenstein = 1989 JG

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

Named in honor of Jesse Greenstein (b. 1909), an expert in stellar spectroscopy with many discoveries concerning low-luminosity stars, white dwarfs, stellar chemical compositions and stellar evolution. In addition, Greenstein established and guided, during its first two decades, the astronomy department at the California Institute of Technology. As a statesman of science policy he was influential in the early history of radioastronomy in the United States, as well as in the early history of AURA. His friends and colleagues heartily endorse this naming. Citation prepared by J. Cohen.

(5114) Yezo = 1988 CO

Discovered 1988 Feb. 15 by S. Ueda and H. Kaneda at Kushiro.

Named for Japan's northern island of Hokkaido, which was known as Yezo until 1869.

(5132) Maynard = 1990 ME

Discovered 1990 June 22 by H. E. Holt at Palomar.

Named in honor of Owen E. Maynard, who played a major role in the achievement of the first manned landing on the moon. An engineer in the Apollo program from the beginning, he helped design the Apollo spacecraft and oversaw the design of the command-service and lunar modules. He led the team that developed the complex lunar mission flight plans. As chief of the Systems Engineering Division, he was responsible for all aspects of the construction and testing of the Apollo hardware. He planned the early Apollo test flights, including that of the first lunar landing, Apollo 11. Name suggested and citation prepared by R. Attwood.

(5221) Fabribudweis = 1980 FB

Discovered 1980 Mar. 16 by L. Brožek at Kleť.

Named for the medieval Czech astronomer, physician and theologian Wenceslaus (Václav) Fabri de Budweis (c. 1460–1518), mainly known as the author of almanacs. After a university career in Leipzig he returned to his native town, now České Budějovice, where he is considered one of the most distinguished medieval intellectual personages.

(5250) Jas = 1984 QF

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

The Czech word for brightness, Jas symbolizes the South Bohemian Astronomical Society, known in Czech as Jihočeská Astronomická Společnost. Inaugurated in 1928, the society has been concerned mainly with the education and popularization of astronomy, and for this purpose it founded the České Budějovice Observatory in 1937. The establishment of an observatory on the top of Kleť mountain was inspired by JAS members. State-aided since the 1950s, the České Budějovice Observatory oversees the directorship of the Kleť Observatory and is the home of the Kleť archives. Name suggested by M. Tichý.

(5354) Hisayo = 1990 BJ₂

Discovered 1990 Jan. 30 by S. Ueda and H. Kaneda at Kushiro.

Named in honor of Hisayo Kaneda (b. 1977), daughter of the second discoverer.

(5355) Akihiro = 1991 CA

Discovered 1991 Feb. 3 by S. Ueda and H. Kaneda at Kushiro.

Named in honor of Akihiro Ueda (b. 1983), son of the first discoverer.

(5618) Saitama = 1990 EA

Discovered 1990 Mar. 4 by A. Sugie at Dynic Astronomical Observatory.

Named for the Japanese prefecture.

(5623) Iwamori = 1990 UY

Discovered 1990 Oct. 20 by A. Sugie at Dync Astronomical Observatory.

Named in memory of Yasuke Iwamori, late principal of Kyoto city Rakuyou technical high school who taught physics and astronomy there. Name proposed by the discoverer following a suggestion by S. Sakabe.

(5797) Bivoj = 1980 AA

Discovered 1980 Jan. 13 by A. Mrkos at Kleť.

This Amor-type object is named for the honorable hero of ancient Bohemian myths, known for his great courage and other good qualities. Bivoj conquered a colossal wild boar barehanded to save the crops and lives of his people. He later became acquainted with and married Kazi, the oldest daughter of prince Krok. Name suggested by J. Tichá, M. Tichý and Z. Moravec.

(5825) Rakuyou = 1990 BR₁

Discovered 1990 Jan. 21 by A. Sugie at Dync Astronomical Observatory.

Named for the Kyoto city Rakuyou technical high school, originally established in 1894 as Kyoto city dyeing and weaving school. Since its foundation the school has consistently been concerned with industrial technology and has graduated many young technicians. Name proposed by the discoverer following a suggestion by S. Sakabe.

(5891) Gehrig = 1981 SM

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

Named in memory of Henry Louis (Lou) Gehrig (1903–1941), professional U.S. baseball player. From 1925 to 1939 Gehrig appeared in 2130 consecutive games for the New York Yankees, a reliability record that remained unbroken until 1995. Gehrig was a consistent left-handed batsman, with a career average of 0.340, but his career was ended prematurely as a result of amyotrophic lateral sclerosis (“Lou Gehrig’s Disease”). Name suggested by G. V. Williams, who made the identifications involving this object, and T. B. Spahr.

(5910) Zátpek = 1989 WH₄

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

Named in honor of the great Czechoslovak long-distance runner, Emil Zátpek (b. 1922). In a twelve-year career he set eighteen world records and won five Olympic medals: silver in 1948 and gold in 1952 at 5000 m, gold in 1948 and 1952 at 10 000 m and gold in the 1952 marathon. The name also honors his wife Dana (b. 1922), who won Olympic gold for the javelin in 1952. Name suggested by G. V. Williams, who made the identifications involving this object.

(6107) Osterbrock = 1948 AF

Discovered 1948 Jan. 14 by C. A. Wirtanen at Lick.

Named in honor of Donald E. Osterbrock (b. 1924), professor of astronomy and astrophysics at the University of Wisconsin-Madison (1958–1973) and at the University of California at Santa Cruz and UCO/Lick Observatory (1972–1992) and director of the Lick Observatory (1973–1981). His research spans gaseous nebulae, interstellar matter, galactic structure, and quasars and active nuclei of galaxies, and he has authored a historical series on the life and work of several astronomers who played vital roles in the progress of American astronomy. Osterbrock served as president of the American Astronomical Society during 1987–1989. He is a member of the National Academy of Sciences and the National Academy of Arts and Sciences. Citation prepared by A.R. Klemola.

(6221) Ducentesima = 1980 GO

Discovered 1980 Apr. 13 by A. Mrkos at Kleť.

The naming commemorates the 200th Kleť numbered minor planet. Its Latin name was inspired by classical female names from the pioneer days of the searching for minor planets in the nineteenth century. Name suggested by J. Tichá.

(6223) Dahl = 1980 RD₁

Discovered 1980 Sept. 3 by A. Mrkos at Kleť.

Named in honor of the Welsh-born author Roald Dahl (b. 1916). His *Willy Wonka and the Chocolate Factory* and *James and the Giant Peach* are classics of children’s literature. Name suggested by G. V. Williams, who made the identifications involving this object.

(6581) Sobers = 1981 SO

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

Named in honor of Garfield St. Aubrun (Gary) Sobers (b. 1936), West Indian cricketer, considered by many as the best all-rounder of all time. As a batsman, Sobers scored 8032 runs in 160 Test innings, including 26 centuries and 365 (not out) against Pakistan in 1957–1958. As a bowler, he took 235 Test wickets, averaging one wicket for each 34 runs given up, and was also an excellent close-fielder. Name suggested by G. V. Williams, who made the identifications involving this object.

(6629) Kurtz = 1982 UP

Discovered 1982 Oct. 17 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Named in honor of Paul Kurtz (b. 1925) of the State University of New York at Buffalo. Kurtz is professor emeritus of philosophy, chairman and founder of the Committee for the Scientific Investigation of Claims of the Paranormal (CSICOP), chairman of the Council for Secular Humanism, and founder and chairman of Prometheus Books. A noted author and philosopher, he has written more than 30 books and 650 articles on philosophy, humanism and skepticism. He has been influential in bringing philosophy back from a pure analytical study to a more activist stance. Kurtz actively promotes science and the refutation of pseudoscience. Name suggested and citation provided by J. McGaha.

(6630) Skepticus = 1982 VA₁

Discovered 1982 Nov. 15 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Named for the Committee for the Scientific Investigation of Claims of the Paranormal and its journal *The Skeptical Enquirer*. CSICOP is a nonprofit educational organization, founded in 1976 to investigate paranormal, occult and fringe claims using rigorous scientific methodology. CSICOP has spawned a grassroots movement of some 70 autonomous groups worldwide. Through public education and outreach, CSICOP has become a voice of reason to counter pseudoscience and superstition. Name and citation provided by J. McGaha.

(6758) Jesseowens = 1980 GL

Discovered 1980 Apr. 13 by A. Mrkos at Kleť.

Named in memory of the American athlete James Cleveland (Jesse) Owens (1913–1980), one of the finest track-and-field competitors in history. In the space of 45 minutes on 1935 May 26, Owens equalled the world record for the 100-yard dash and set new world records for the 220-yard dash, the 220-yard low hurdles and the long jump. At the 1936 Olympics he won four gold medals, equalling or

setting new records in every event. Name suggested by G. V. Williams, who made the identifications involving this object.

(6802) Černovice = 1995 UQ₂

Discovered 1995 Oct. 24 by M. Tichý at Kletř.

Named for the small town where the discoverer lived in his youth. Founded in the fourteenth century, Černovice is situated amid the pleasant landscape of the Czech-Moravian Highlands in southern Bohemia. Name dedicated to the parents of the discoverer.

(6807) Brünnow = 6568 P-L

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

Named in memory of Franz Friedrich Ernst Brünnow (1821–1891), who started his scientific career in Berlin. He continued as the director of the observatory at Bilk, near Düsseldorf, but in 1851 returned to Berlin to become the first assistant at the observatory. He worked on comets and minor planets and published a textbook on spherical astronomy. He later moved to the United States to take up the post of director of the new observatory at Ann Arbor. In 1865 he was appointed Royal Astronomer for Ireland. In that capacity he published in two parts his astronomical observations and researches made at Dunsink. Name suggested by L. D. Schmadel and J. Schubart, citation prepared by J. Schubart.

(6808) Plantin = 1932 CP

Discovered 1932 Feb. 5 by K. Reinmuth at Heidelberg.

Named in memory of Christophe Plantin (c. 1520–1589), printer and founder of an important printing house in Antwerp. As a youth he learned the profession of bookbinder. In 1549 he settled in Antwerp and printed his first book there in 1555. Throughout the ensuing years he established himself as a printer of great fame. His “Officina Plantiniana” published the works of contemporary scientists (among others Dodoens, Mercator, Stevin and Vesalius) and also many religious works. At the height of his career he had sixteen presses running, producing publications of exceptional quality. His greatest venture was the *Biblia Regia*. The “Officina” was sold in 1876 to the city of Antwerp and is now one of its most important museums. Name proposed and citation written by E. Goffin.

(6860) Sims = 1991 CS₁

Discovered 1991 Feb. 11 by S. Otomo and O. Muramatsu at Kiyosato.

Named in honor of Alan Sims (1920–1995), a naval officer who moved to Dublin in 1953 and became chairman of the Dublin Astronomy Association. On his retirement in 1983 he moved to Bath, where he took an active part in the William Herschel Society, serving first as secretary and later as vice chairman. He was also editor of the society’s bulletin. Historians and librarians around the world corresponded with him, as he answered queries about the Herschels. Named by the discoverers following suggestions by F. Ring and S. Kimura.

(6981) Chirman = 1993 TK₂

Discovered 1993 Oct. 15 at Bassano Bresciano.

Named for the Surgical Department of the hospital in the Italian village of Manerbio, located a few kilometers from the Bassano Observatory. The name, a contraction of Chirurgia (Surgery) and the name of the village, is presented in honor of the doctors, nurses and all the personnel of the hospital for the competence, absorption and passion they devote to the care of patients.

(6997) Laomedon = 3104 T-3

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

Named for Laomedon, king of Troy and father of Priam and Tithonus.

(6998) Tithonus = 3108 T-3

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

Named for Tithonus, son of Laomedon and brother of Priam, kings of Troy.

(7009) Hume = 1987 QU₁

Discovered 1987 Aug. 21 by E.W. Elst at the European Southern Observatory.

Named in memory of the famous British philosopher David Hume (1711–1776). He started to study law but found it distasteful. In 1744 he became a candidate for the chair of moral philosophy at Edinburgh, but he was not successful, since his opponents found evidence for heresy and even atheism in his *Treatise of Human Nature*. In 1761 the Vatican put his writings on the *Index*. Hume regarded himself chiefly as a moralist: “It is our nature to find certain human qualities intrinsically good. However, we can not explain this, since any attempt would take us into the vacuum of metaphysics.”

(7043) Godart = 1934 RB

Discovered 1934 Sept. 2 by E. Delporte at Uccle.

Named in honor of Odon Godart (1913–1996), Belgian mathematician who published distinguished papers on cosmic rays, theoretical and applied meteorology and cosmology. He was a professor at the Catholic University of Louvain and worked in the team of Georges Lemaître. His main contribution was the introduction of isobaric coordinates in meteorology (1942), and this generated new developments in applied meteorology. He served as president of the Belgian Society for Astronomy, Meteorology and Physics of the Earth. Proposal made and citation provided by P. Pâquet.

(7054) Brehm = 1989 GL₈

Discovered 1989 Apr. 6 by F. Börngen at Tautenburg.

Named in memory of the two Thuringian naturalists Christian Ludwig Brehm (1787–1864) and Alfred Edmund Brehm (1829–1884), father and son. Ludwig Brehm was a renowned ornithologist who gathered a unique scientific collection of 15 000 bird skins and was the author of several ornithological books. Alfred Brehm, a zoologist, went on several expeditions across Europe and to Siberia and North Africa, as a result of which he published the famous *Brehms Tierleben* (1863–1870), which has been translated into many languages. Both father and son were buried in the village of Renthendorf, near Jena, where Ludwig was parson for more than 50 years and Alfred was born and died.

EPHEMERIDES

1991 BB		$a, e, i = 1.19, 0.27, 38$				Elements MPC 27325		
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1996 08 25		13 19.18	−21 17.3	0.850	0.872	55.1	71.8	17.9
1996 09 04		14 20.36	−18 00.0	0.829	0.891	57.0	71.7	17.9
1996 09 14		15 17.10	−13 14.8	0.834	0.919	59.0	69.9	17.9
1996 09 24		16 07.31	−07 53.2	0.862	0.953	60.9	66.9	17.9
1996 10 04		16 51.15	−02 37.2	0.906	0.992	62.5	63.4	18.0
1996 10 14		17 30.00	+02 11.6	0.960	1.035	63.8	59.9	18.1
1996 10 24		18 05.41	+06 27.6	1.017	1.079	64.8	56.6	18.2

M.P.C. 27737

1996 AUG. 28

1996 11 03	18 38.68	+10 13.4	1.075	1.124	65.7	53.6	18.4
1996 11 13	19 10.89	+13 34.3	1.132	1.168	66.4	50.9	18.5
1996 11 23	19 42.78	+16 35.9	1.188	1.211	66.9	48.6	18.6
1996 12 03	20 14.84	+19 22.4	1.242	1.252	67.2	46.6	18.7
1996 12 13	20 47.42	+21 56.4	1.297	1.290	67.3	44.7	18.8
1996 12 23	21 20.69	+24 19.5	1.352	1.326	67.1	43.1	18.9
1997 01 02	21 54.66	+26 31.4	1.410	1.360	66.5	41.5	19.0
1997 01 12	22 29.33	+28 31.3	1.470	1.390	65.5	40.1	19.1
1997 01 22	23 04.53	+30 17.9	1.534	1.417	64.2	38.7	19.2
1997 02 01	23 40.08	+31 49.5	1.602	1.440	62.4	37.3	19.3
1997 02 11	00 15.77	+33 04.8	1.673	1.460	60.2	35.9	19.4

1992 SK							
$a, e, i = 1.25, 0.32, 15$							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 08 25		13 22.00	-27 55.9	0.773	0.905	59.2	73.6
1996 09 04		14 18.14	-33 30.2	0.739	0.946	63.4	72.4
1996 09 14		15 23.21	-37 20.6	0.723	0.992	67.8	69.8
1996 09 24		16 33.60	-38 45.7	0.728	1.043	72.1	66.3
1996 10 04		17 42.33	-37 38.0	0.755	1.095	75.8	62.3
1996 10 14		18 43.45	-34 32.0	0.804	1.148	78.4	58.3
1996 10 24		19 35.03	-30 19.3	0.871	1.200	79.8	54.6
1996 11 03		20 18.03	-25 42.2	0.953	1.251	80.0	51.3
1996 11 13		20 54.44	-21 05.3	1.048	1.300	79.2	48.4
1996 11 23		21 26.10	-16 40.2	1.151	1.346	77.6	45.8
1996 12 03		21 54.37	-12 30.6	1.262	1.390	75.3	43.3
1996 12 13		22 20.28	-08 36.3	1.376	1.430	72.5	41.0
1996 12 23		22 44.57	-04 55.9	1.492	1.468	69.3	38.8
1997 01 02		23 07.72	-01 27.7	1.608	1.502	65.8	36.7
1997 01 12		23 30.14	+01 50.1	1.722	1.533	62.1	34.6

1996 PC ₁							
$a, e, i = 1.84, 0.45, 25$							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 08 25		21 18.50	+18 51.2	0.090	1.087	147.2	30.3
1996 08 30		20 32.80	+42 08.2	0.104	1.068	121.8	53.5
1996 09 04		19 41.18	+56 21.6	0.132	1.051	105.4	67.7
1996 09 09		18 48.58	+63 53.6	0.166	1.037	95.7	75.2
1996 09 14		18 00.08	+67 47.6	0.202	1.025	89.8	78.8
1996 09 19		17 18.40	+69 49.4	0.238	1.017	86.2	80.3
1996 09 24		16 43.7	+70 53.1	0.274	1.012	84.0	80.4
1996 09 29		16 15.1	+71 25.2	0.308	1.010	82.7	79.7
1996 10 04		15 51.5	+71 39.5	0.341	1.011	82.0	78.5

P/1996 N2 (Elst-Pizarro)							
$a, e, i = 1.84, 0.45, 25$							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 08 25		21 33.40	-13 54.4	1.685	2.684	169.0	4.1
1996 09 04		21 26.97	-14 32.0	1.733	2.693	157.7	8.2
1996 09 14		21 22.23	-15 00.7	1.805	2.703	146.7	11.8
1996 09 24		21 19.72	-15 18.5	1.897	2.713	136.3	14.8
1996 10 04		21 19.62	-15 24.6	2.008	2.723	126.4	17.2
1996 10 14		21 21.93	-15 19.0	2.132	2.734	117.1	18.9
1996 10 24		21 26.49	-15 02.2	2.266	2.746	108.3	20.1
1996 11 03		21 33.03	-14 34.7	2.407	2.758	100.0	20.7
1996 11 13		21 41.27	-13 57.5	2.553	2.770	92.0	20.9
1996 11 23		21 50.96	-13 11.0	2.700	2.783	84.4	20.7

1996 12 03	22 01.81	-12 16.3	2.846	2.796	77.1	20.1	18.7
1996 12 13	22 13.62	-11 13.9	2.990	2.810	70.0	19.2	18.9
1996 12 23	22 26.19	-10 04.7	3.129	2.824	63.1	18.1	19.0
1997 01 02	22 39.35	-08 49.5	3.261	2.838	56.4	16.8	19.1
1997 01 12	22 52.98	-07 29.2	3.386	2.852	49.8	15.3	19.2
1997 01 22	23 06.96	-06 04.5	3.501	2.867	43.4	13.6	19.3
1997 02 01	23 21.20	-04 36.4	3.606	2.882	37.1	11.9	19.4
1997 02 11	23 35.63	-03 05.7	3.700	2.897	30.8	10.1	19.5

1996 PW							
$a, e, i = 364.62, 0.99, 30$							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 08 25		22 19.23	-17 11.0	1.536	2.543	173.5	2.6
1996 09 04		22 18.03	-20 08.8	1.566	2.553	164.5	6.1
1996 09 14		22 17.46	-22 44.1	1.624	2.567	154.0	9.9
1996 09 24		22 18.16	-24 49.4	1.707	2.585	143.9	13.2
1996 10 04		22 20.57	-26 21.6	1.810	2.608	134.2	16.0
1996 10 14		22 24.86	-27 21.4	1.931	2.635	125.2	18.0
1996 10 24		22 31.07	-27 51.6	2.067	2.666	116.7	19.5
1996 11 03		22 39.03	-27 56.2	2.213	2.700	108.7	20.4
1996 11 13		22 48.53	-27 38.9	2.368	2.738	101.2	20.8
1996 11 23		22 59.34	-27 03.5	2.529	2.780	94.1	20.8
1996 12 03		23 11.19	-26 13.5	2.694	2.824	87.3	20.4
1996 12 13		23 23.86	-25 11.7	2.861	2.871	80.7	19.8
1996 12 23		23 37.16	-24 00.8	3.028	2.922	74.4	18.9
1997 01 02		23 50.92	-22 43.1	3.194	2.974	68.3	17.9
1997 01 12		00 05.02	-21 20.6	3.358	3.029	62.4	16.7

1995 QY ₉							
$a, e, i = 40.50, 0.29, 5$							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 08 25		22 56.87	-06 40.8	28.771	29.764	169.2	0.4
1996 09 04		22 55.87	-06 46.6	28.752	29.760	179.2	0.0
1996 09 14		22 54.86	-06 52.5	28.762	29.756	170.9	0.3
1996 09 24		22 53.89	-06 58.1	28.802	29.752	160.8	0.6
1996 10 04		22 52.99	-07 03.2	28.870	29.747	150.8	0.9
1996 10 14		22 52.20	-07 07.7	28.965	29.743	140.7	1.2
1996 10 24		22 51.56	-07 11.3	29.082	29.739	130.6	1.5
1996 11 03		22 51.08	-07 13.8	29.219	29.735	120.5	1.6
1996 11 13		22 50.80	-07 15.2	29.372	29.730	110.3	1.8
1996 11 23		22 50.73	-07 15.3	29.535	29.726	100.2	1.9
1996 12 03		22 50.87	-07 14.1	29.703	29.722	90.2	1.9
1996 12 13		22 51.23	-07 11.5	29.871	29.718	80.1	1.9
1996 12 23		22 51.80	-07 07.7	30.035	29.714	70.1	1.8
1997 01 02		22 52.56	-07 02.7	30.188	29.710	60.1	1.6

1996 PA							
$a, e, i = 1.90, 0.30, 19$							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 08 25		23 07.41	-19 33.7	0.402	1.403	164.9	10.8
1996 09 04		23 07.84	-26 17.4	0.437	1.428	160.5	13.6
1996 09 14		23 07.52	-31 04.7	0.491	1.457	151.8	19.0
1996 09 24		23 08.17	-33 53.2	0.559	1.489	143.1	23.8
1996 10 04		23 10.90	-35 02.7	0.639	1.522	135.3	27.5
1996 10 14		23 16.07	-34 56.5	0.729	1.558	128.2	30.2
1996 10 24		23 23.70	-33 55.3	0.828	1.595	121.8	32.0
1996 11 03		23 33.42	-32 15.6	0.934	1.632	115.9	33.1

M.P.C. 27738

1996 AUG. 28

1996 11 13	23 44.82	-30 08.9	1.046	1.671	110.4	33.7	18.6
1996 11 23	23 57.59	-27 43.8	1.163	1.710	105.0	33.9	18.9
1996 12 03	00 11.39	-25 07.0	1.286	1.749	99.9	33.7	19.2
1996 12 13	00 25.99	-22 22.9	1.412	1.788	94.8	33.3	19.4
1996 12 23	00 41.24	-19 35.4	1.542	1.827	89.8	32.6	19.6
1997 01 02	00 57.00	-16 47.3	1.674	1.865	84.9	31.7	19.8
1997 01 12	01 13.19	-14 00.7	1.808	1.903	80.0	30.6	20.0
1997 01 22	01 29.76	-11 17.6	1.942	1.939	75.2	29.4	20.2
1997 02 01	01 46.63	-08 39.4	2.076	1.976	70.3	28.0	20.3
1997 02 11	02 03.81	-06 07.3	2.208	2.011	65.5	26.5	20.4
1997 02 21	02 21.25	-03 42.5	2.338	2.045	60.7	25.0	20.5

126P/IRAS

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_2
1996 08 25	23 46.69	-61 22.7	1.057	1.848	126.7	26.0	16.1	
1996 09 04	23 05.72	-58 19.9	0.998	1.809	128.7	25.8	16.0	
1996 09 14	22 29.33	-53 05.9	0.963	1.776	128.8	26.2	15.9	
1996 09 24	22 02.78	-46 02.3	0.956	1.748	126.3	27.6	15.8	
1996 10 04	21 46.50	-37 57.9	0.979	1.726	121.5	29.6	15.9	
1996 10 14	21 38.59	-29 43.6	1.030	1.712	115.2	31.8	16.1	
1996 10 24	21 36.96	-21 55.3	1.106	1.704	108.3	33.7	16.3	
1996 11 03	21 39.87	-14 50.5	1.202	1.703	101.4	34.8	16.5	
1996 11 13	21 46.10	-08 31.9	1.312	1.710	94.9	35.2	16.7	
1996 11 23	21 54.84	-02 54.8	1.432	1.723	88.8	35.0	16.9	
1996 12 03	22 05.49	+02 07.9	1.559	1.743	83.2	34.2	17.1	
1996 12 13	22 17.70	+06 43.7	1.689	1.770	78.0	33.0	17.3	
1996 12 23	22 31.22	+10 58.9	1.819	1.802	73.3	31.5	17.4	
1997 01 02	22 45.86	+14 58.4	1.950	1.840	68.9	29.9	17.6	
1997 01 12	23 01.53	+18 45.9	2.078	1.883	64.8	28.2	17.7	
1997 01 22	23 18.16	+22 24.1	2.204	1.930	61.0	26.5	17.8	
1997 02 01	23 35.72	+25 54.5	2.328	1.982	57.5	24.8	18.0	
1997 02 11	23 54.23	+29 18.0	2.448	2.036	54.3	23.2	18.1	
1997 02 21	00 13.69	+32 35.0	2.565	2.094	51.3	21.6	18.2	
1997 03 03	00 34.17	+35 45.1	2.679	2.154	48.5	20.2	18.3	
1997 03 13	00 55.72	+38 47.6	2.789	2.217	46.0	18.8	18.4	
1997 03 23	01 18.40	+41 41.7	2.897	2.281	43.6	17.5	18.5	
1997 04 02	01 42.29	+44 25.8	3.001	2.347	41.5	16.4	18.6	
1997 04 12	02 07.45	+46 58.7	3.101	2.414	39.5	15.3	18.7	
1997 04 22	02 33.89	+49 18.9	3.198	2.482	37.9	14.4	18.8	
1997 05 02	03 01.60	+51 25.0	3.291	2.551	36.4	13.6	18.9	
1997 05 12	03 30.52	+53 15.6	3.380	2.621	35.3	12.9	19.0	
1997 05 22	04 00.47	+54 49.8	3.463	2.691	34.5	12.3	19.1	
1997 06 01	04 31.20	+56 06.9	3.541	2.761	34.1	11.9	19.2	
1997 06 11	05 02.39	+57 06.8	3.614	2.831	34.1	11.6	19.3	
1997 06 21	05 33.64	+57 50.2	3.679	2.902	34.7	11.5	19.3	
1997 07 01	06 04.55	+58 18.2	3.737	2.972	35.8	11.5	19.4	
1997 07 11	06 34.72	+58 32.5	3.787	3.043	37.4	11.7	19.5	
1997 07 21	07 03.80	+58 35.4	3.829	3.113	39.5	12.0	19.6	
1997 07 31	07 31.55	+58 29.5	3.861	3.183	42.2	12.4	19.7	
1997 08 10	07 57.78	+58 17.6	3.884	3.253	45.3	12.8	19.8	
1997 08 20	08 22.38	+58 02.3	3.898	3.322	48.9	13.3	19.8	
1997 08 30	08 45.30	+57 46.4	3.901	3.391	53.0	13.8	19.9	
1997 09 09	09 06.53	+57 32.5	3.895	3.460	57.5	14.2	20.0	

Elements MPC 27690

1997 09 19	09 26.04	+57 23.1	3.880	3.528	62.3	14.6	20.0
1997 09 29	09 43.84	+57 20.4	3.857	3.596	67.6	14.9	20.0
1997 10 09	09 59.88	+57 26.5	3.826	3.663	73.1	15.1	20.1
1997 10 19	10 14.07	+57 43.1	3.789	3.730	79.0	15.2	20.1
1997 10 29	10 26.30	+58 11.4	3.749	3.797	85.2	15.1	20.1
1997 11 08	10 36.35	+58 52.3	3.707	3.863	91.5	14.9	20.1
1997 11 18	10 43.93	+59 45.8	3.666	3.928	98.1	14.4	20.1
1997 11 28	10 48.70	+60 50.9	3.629	3.993	104.6	13.8	20.1
1997 12 08	10 50.16	+62 05.2	3.600	4.058	111.0	13.1	20.1
1997 12 18	10 47.82	+63 24.6	3.581	4.122	116.9	12.3	20.1
1997 12 28	10 41.23	+64 43.5	3.577	4.185	122.2	11.5	20.1
1998 01 07	10 30.14	+65 54.2	3.591	4.248	126.3	10.7	20.1
1998 01 17	10 14.87	+66 48.5	3.624	4.310	128.9	10.2	20.1
1998 01 27	09 56.46	+67 18.9	3.678	4.372	129.6	10.0	20.2
1998 02 06	09 36.74	+67 20.6	3.754	4.433	128.3	10.1	20.3
1998 02 16	09 17.91	+66 52.8	3.852	4.494	125.2	10.3	20.4
1998 02 26	09 01.76	+65 58.7	3.970	4.554	120.6	10.8	20.5
1998 03 08	08 49.36	+64 43.9	4.105	4.614	115.1	11.2	20.6
1998 03 18	08 40.99	+63 15.0	4.256	4.673	108.8	11.6	20.7
1998 03 28	08 36.35	+61 37.5	4.419	4.732	102.2	11.9	20.8
1998 04 07	08 34.96	+59 55.9	4.591	4.790	95.4	12.0	20.9

C/1996 P2 (Russell-Watson)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1996 08 25	01 41.26	-32 13.8	2.151	2.889	128.3	15.9	12.8	
1996 09 04	01 38.58	-33 42.8	2.183	2.969	133.4	14.3	12.9	
1996 09 14	01 33.63	-34 54.8	2.234	3.049	137.2	13.0	13.1	
1996 09 24	01 27.03	-35 43.4	2.304	3.131	139.0	12.1	13.3	
1996 10 04	01 19.62	-36 04.7	2.395	3.214	138.5	11.9	13.5	
1996 10 14	01 12.24	-35 57.6	2.508	3.297	135.8	12.2	13.7	
1996 10 24	01 05.67	-35 23.4	2.640	3.381	131.4	12.7	13.9	
1996 11 03	01 00.50	-34 26.0	2.791	3.465	125.7	13.4	14.1	
1996 11 13	00 57.03	-33 09.8	2.960	3.550	119.3	14.1	14.4	
1996 11 23	00 55.40	-31 39.7	3.143	3.635	112.4	14.5	14.6	
1996 12 03	00 55.57	-30 00.2	3.337	3.721	105.3	14.8	14.8	
1996 12 13	00 57.38	-28 14.7	3.541	3.806	98.1	14.8	15.1	
1996 12 23	01 00.67	-26 26.4	3.751	3.892	90.9	14.6	15.3	
1997 01 02	01 05.21	-24 37.5	3.964	3.978	83.7	14.2	15.5	
1997 01 12	01 10.82	-22 49.7	4.177	4.064	76.6	13.6	15.7	
1997 01 22	01 17.32	-21 04.4	4.388	4.149	69.6	12.8	15.9	
1997 02 01	01 24.53	-19 22.5	4.595	4.235	62.8	11.9	16.1	
1997 02 11	01 32.32	-17 44.9	4.794	4.321	56.0	10.9	16.3	
1997 02 21	01 40.56	-16 12.2	4.983	4.406	49.5	9.8	16.4	
1997 03 03	01 49.13	-14 44.8	5.161	4.492	43.3	8.7	16.6	
1997 03 13	01 57.96	-13 23.1	5.326	4.577	37.4	7.6	16.7	
1997 03 23	02 06.93	-12 07.5	5.476	4.662	32.1	6.5	16.9	

C/1996 Q1 (Tabur)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1996 08 25		04 53.08	-07 31.1	1.245	1.497	82.5	42.0	10.2
1996 08 30		05 01.83	-05 23.4	1.123	1.432	84.2	44.5	9.8
1996 09 04		05 11.57	-02 46.7	1.001	1.367	85.7	47.4	9.4
1996 09 09		05 22.82	+00 31.0	0.881	1.303	87.0	50.5	8.9

Elements MPC 27690

1996 09 14	05 36.41	+04 48.2	0.765	1.240	87.8	54.1	8.4
1996 09 19	05 53.82	+10 32.6	0.654	1.179	88.0	58.4	7.8
1996 09 24	06 17.85	+18 22.5	0.554	1.121	87.0	63.4	7.2
1996 09 29	06 54.04	+28 53.0	0.474	1.065	84.3	69.4	6.7
1996 10 04	07 53.45	+41 30.9	0.425	1.013	79.5	76.1	6.2
1996 10 09	09 31.40	+52 24.2	0.419	0.966	73.3	82.1	6.0
1996 10 14	11 35.29	+55 54.6	0.459	0.925	67.5	85.2	6.0
1996 10 19	13 12.16	+52 43.6	0.533	0.891	63.0	84.8	6.1
1996 10 24	14 09.96	+47 32.3	0.628	0.865	59.4	81.9	6.4
1996 10 29	14 44.15	+42 34.5	0.734	0.848	56.5	77.4	6.6
1996 11 03	15 05.81	+38 16.3	0.843	0.842	53.9	72.1	6.9
1996 11 08	15 20.54	+34 35.0	0.953	0.846	51.6	66.5	7.2
1996 11 13	15 31.21	+31 22.9	1.058	0.860	49.5	61.1	7.5
1996 11 18	15 39.36	+28 34.0	1.158	0.884	47.8	56.0	7.8
1996 11 23	15 45.89	+26 03.7	1.252	0.916	46.5	51.4	8.1
1996 11 28	15 51.33	+23 49.1	1.337	0.956	45.6	47.5	8.4
1996 12 03	15 56.00	+21 48.0	1.414	1.002	45.1	44.2	8.8
1996 12 08	16 00.10	+19 58.9	1.482	1.053	45.2	41.6	9.1
1996 12 13	16 03.73	+18 20.7	1.542	1.108	45.7	39.5	9.4
1996 12 18	16 06.93	+16 52.2	1.593	1.166	46.8	37.9	9.7
1996 12 23	16 09.73	+15 32.6	1.636	1.226	48.3	36.8	10.0
1996 12 28	16 12.13	+14 21.1	1.671	1.288	50.3	36.0	10.2
1997 01 02	16 14.12	+13 17.0	1.698	1.352	52.7	35.4	10.5

(6490) 1991 NR ₂							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 08 25	05 44.08	+34 06.7	2.806	2.566	65.9	21.1	19.4
1996 09 04	05 57.22	+34 11.8	2.725	2.609	72.7	21.7	19.4
1996 09 14	06 08.49	+34 14.3	2.637	2.652	79.9	21.9	19.4
1996 09 24	06 17.60	+34 15.5	2.543	2.695	87.6	21.8	19.3
1996 10 04	06 24.29	+34 16.3	2.447	2.737	95.9	21.3	19.3
1996 10 14	06 28.22	+34 17.1	2.351	2.778	104.8	20.3	19.2
1996 10 24	06 29.12	+34 17.7	2.259	2.818	114.3	18.8	19.1
1996 11 03	06 26.79	+34 16.6	2.176	2.857	124.5	16.6	19.0
1996 11 13	06 21.19	+34 11.7	2.107	2.896	135.4	13.9	18.8
1996 11 23	06 12.58	+33 59.4	2.057	2.934	146.8	10.6	18.7
1996 12 03	06 01.65	+33 36.6	2.032	2.971	158.4	7.0	18.5
1996 12 13	05 49.43	+33 01.3	2.036	3.007	168.5	3.8	18.4
1996 12 23	05 37.20	+32 14.0	2.071	3.042	169.1	3.5	18.4
1997 01 02	05 26.20	+31 18.0	2.137	3.077	159.5	6.4	18.7
1997 01 12	05 17.36	+30 18.1	2.231	3.110	148.1	9.6	18.9
1997 01 22	05 11.22	+29 19.1	2.352	3.143	136.9	12.4	19.2
1997 02 01	05 07.94	+28 24.8	2.493	3.175	126.1	14.5	19.4
1997 02 11	05 07.39	+27 37.1	2.649	3.206	115.9	16.1	19.6
1997 02 21	05 09.33	+26 56.4	2.817	3.236	106.2	17.1	19.8
1997 03 03	05 13.43	+26 22.3	2.992	3.265	97.1	17.5	20.0
1997 03 13	05 19.36	+25 53.6	3.168	3.293	88.4	17.6	20.1
1997 03 23	05 26.83	+25 29.0	3.344	3.321	80.1	17.2	20.2
1997 04 02	05 35.56	+25 07.0	3.516	3.348	72.1	16.5	20.3
1997 04 12	05 45.33	+24 46.3	3.681	3.373	64.5	15.6	20.4

(6455) 1992 HE							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 08 25	05 54.89	+47 35.3	3.097	2.833	65.6	19.0	19.6
1996 09 04	06 08.20	+49 18.4	3.019	2.878	72.3	19.5	19.6
1996 09 14	06 20.04	+51 07.2	2.935	2.922	79.4	19.8	19.6
1996 09 24	06 29.99	+53 03.1	2.849	2.964	86.6	19.7	19.5
1996 10 04	06 37.54	+55 06.8	2.763	3.004	94.1	19.4	19.5
1996 10 14	06 41.98	+57 18.4	2.680	3.043	101.7	18.7	19.4
1996 10 24	06 42.42	+59 35.7	2.604	3.080	109.3	17.7	19.3
1996 11 03	06 37.84	+61 53.9	2.540	3.115	116.8	16.5	19.3
1996 11 13	06 27.13	+64 05.1	2.491	3.149	123.7	15.2	19.2
1996 11 23	06 09.57	+65 57.4	2.460	3.181	129.5	13.9	19.2
1996 12 03	05 45.71	+67 17.3	2.452	3.212	133.6	12.8	19.1
1996 12 13	05 17.94	+67 53.7	2.467	3.241	135.3	12.3	19.2
1996 12 23	04 50.42	+67 43.0	2.506	3.269	134.2	12.5	19.2
1997 01 02	04 27.14	+66 52.3	2.569	3.295	130.6	13.1	19.3
1997 01 12	04 10.33	+65 34.5	2.653	3.320	125.3	14.0	19.4
1997 01 22	04 00.37	+64 03.4	2.755	3.343	118.8	14.9	19.6
1997 02 01	03 56.47	+62 30.2	2.872	3.365	111.8	15.8	19.7
1997 02 11	03 57.55	+61 01.8	3.000	3.385	104.5	16.4	19.8
1997 02 21	04 02.62	+59 42.0	3.134	3.404	97.3	16.8	19.9
1997 03 03	04 10.78	+58 32.1	3.273	3.421	90.1	16.8	20.0
1997 03 13	04 21.42	+57 32.0	3.412	3.437	83.1	16.7	20.1
1997 03 23	04 34.00	+56 40.8	3.548	3.452	76.4	16.3	20.2
1997 04 02	04 48.14	+55 56.9	3.679	3.465	69.9	15.7	20.3
1997 04 12	05 03.53	+55 18.7	3.803	3.477	63.7	15.0	20.3

1989 VA							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 08 25	06 02.41	+27 05.7	1.182	1.133	61.6	51.7	20.0
1996 09 04	06 26.65	+24 41.2	1.112	1.154	65.7	52.8	20.0
1996 09 14	06 51.23	+21 41.1	1.029	1.162	69.6	54.2	19.9
1996 09 24	07 16.59	+17 55.1	0.938	1.157	73.1	56.1	19.7
1996 10 04	07 43.50	+13 08.4	0.842	1.139	75.8	58.4	19.5
1996 10 14	08 13.17	+07 00.5	0.746	1.107	77.4	61.6	19.3
1996 10 24	08 47.54	-00 53.5	0.657	1.061	77.0	65.9	19.0
1996 11 03	09 29.99	-10 51.3	0.584	1.001	73.8	72.1	18.9
1996 11 13	10 25.70	-22 26.4	0.541	0.925	67.1	80.3	18.8

1995 LH							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ
1996 09 04	06 53.00	+28 49.6	3.408	3.038	-0.55	-0.5	20.5
1996 09 14	07 04.28	+29 03.3	3.313	3.074	-0.55	-0.3	20.5
1996 09 24	07 14.19	+29 19.0	3.210	3.108	-0.56	-0.2	20.4
1996 10 04	07 22.55	+29 38.2	3.100	3.142	-0.57	+0.0	20.4
1996 10 14	07 29.12	+30 02.2	2.987	3.175	-0.59	+0.2	20.3
1996 10 24	07 33.63	+30 32.4	2.873	3.207	-0.62	+0.4	20.2
1996 11 03	07 35.84	+31 09.2	2.763	3.239	-0.65	+0.5	20.2
1996 11 13	07 35.49	+31 52.6	2.660	3.269	-0.69	+0.6	20.0
1996 11 23	07 32.43	+32 41.1	2.571	3.299	-0.73	+0.6	19.9
1996 12 03	07 26.65	+33 32.0	2.500	3.328	-0.78	+0.6	19.8
1996 12 13	07 18.38	+34 21.1	2.453	3.355	-0.82	+0.5	19.6
1996 12 23	07 08.21	+35 03.4	2.432	3.383	-0.85	+0.3	19.5

1997 01 02	06 57.01	+35 34.8	2.443	3.409	-0.87	+0.0	19.4
1997 01 12	06 45.83	+35 52.7	2.484	3.434	-0.87	-0.3	19.6
1997 01 22	06 35.75	+35 56.9	2.556	3.458	-0.85	-0.6	19.8
1997 02 01	06 27.60	+35 49.7	2.654	3.482	-0.82	-0.8	20.0
1997 02 11	06 21.90	+35 34.1	2.776	3.504	-0.77	-0.9	20.2
1997 02 21	06 18.85	+35 13.3	2.917	3.526	-0.73	-1.0	20.4
1997 03 03	06 18.39	+34 50.0	3.070	3.547	-0.68	-0.9	20.5
1997 03 13	06 20.32	+34 25.6	3.233	3.567	-0.64	-0.8	20.7
1997 03 23	06 24.37	+34 01.1	3.400	3.587	-0.60	-0.7	20.8
1997 04 02	06 30.24	+33 36.7	3.567	3.605	-0.57	-0.6	20.9
1997 04 12	06 37.66	+33 12.2	3.731	3.622	-0.54	-0.5	21.0

91P/Russell 3

91P/Russell 3						Elements <i>MPC</i> 23484		
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_2
1996 10 04	10 21.64	−01 54.2	4.215	3.442	34.8	9.6	18.4	
1996 10 14	10 33.17	−03 21.2	4.097	3.410	41.1	11.1	18.4	
1996 10 24	10 44.37	−04 50.6	3.967	3.378	47.6	12.6	18.4	
1996 11 03	10 55.15	−06 21.9	3.826	3.345	54.3	13.9	18.3	
1996 11 13	11 05.41	−07 54.2	3.675	3.313	61.1	15.2	18.3	
1996 11 23	11 15.02	−09 26.6	3.517	3.281	68.2	16.2	18.2	
1996 12 03	11 23.83	−10 58.2	3.353	3.249	75.5	17.1	18.1	
1996 12 13	11 31.70	−12 27.8	3.185	3.217	83.0	17.7	18.0	
1996 12 23	11 38.40	−13 53.9	3.016	3.185	90.8	18.0	17.8	
1997 01 02	11 43.74	−15 14.8	2.849	3.153	98.8	17.9	17.7	
1997 01 12	11 47.49	−16 28.4	2.686	3.122	107.2	17.5	17.5	
1997 01 22	11 49.43	−17 32.1	2.530	3.091	116.0	16.6	17.4	
1997 02 01	11 49.40	−18 22.9	2.386	3.060	125.0	15.3	17.2	
1997 02 11	11 47.31	−18 57.3	2.257	3.029	134.3	13.5	17.0	
1997 02 21	11 43.27	−19 12.1	2.146	2.999	143.5	11.3	16.7	
1997 03 03	11 37.61	−19 04.8	2.057	2.969	152.0	9.0	16.5	
1997 03 13	11 30.88	−18 34.5	1.992	2.940	158.4	7.1	16.4	
1997 03 23	11 23.90	−17 43.1	1.955	2.911	159.9	6.8	16.3	
1997 04 02	11 17.50	−16 35.4	1.943	2.883	155.5	8.3	16.3	
1997 04 12	11 12.45	−15 18.0	1.957	2.855	147.7	10.8	16.4	
1997 04 22	11 09.38	−13 58.6	1.994	2.828	138.7	13.6	16.5	
1997 05 02	11 08.57	−12 44.2	2.050	2.802	129.5	16.1	16.7	
1997 05 12	11 10.14	−11 40.0	2.122	2.776	120.6	18.3	16.8	
1997 05 22	11 14.03	−10 49.3	2.207	2.751	112.0	19.9	16.9	
1997 06 01	11 20.05	−10 13.8	2.299	2.727	103.9	21.2	17.0	
1997 06 11	11 27.97	−09 53.7	2.398	2.705	96.3	21.9	17.1	
1997 06 21	11 37.58	−09 48.5	2.499	2.683	89.1	22.3	17.2	
1997 07 01	11 48.64	−09 57.1	2.600	2.662	82.3	22.2	17.3	
1997 07 11	12 00.98	−10 18.1	2.701	2.642	75.8	21.9	17.3	
1997 07 21	12 14.44	−10 49.9	2.800	2.624	69.6	21.3	17.4	
1997 07 31	12 28.86	−11 30.8	2.894	2.606	63.6	20.4	17.4	
1997 08 10	12 44.15	−12 19.2	2.984	2.590	57.8	19.3	17.4	
1997 08 20	13 00.23	−13 13.4	3.069	2.576	52.2	18.1	17.4	
1997 08 30	13 17.01	−14 11.8	3.147	2.562	46.7	16.7	17.4	
1997 09 09	13 34.45	−15 12.9	3.219	2.550	41.3	15.1	17.4	
1997 09 19	13 52.50	−16 14.8	3.283	2.540	36.0	13.4	17.4	
1997 09 29	14 11.11	−17 16.2	3.340	2.531	30.7	11.7	17.3	

P/1983 J3 (Kowal-Vávrová)

Date	TT	α_{2000}	δ_{2000}	Δ	r	Variation	m_2	Elements <i>MPC</i> 25184
1996 10 24	07 36.90	+17 03.0	5.432	5.652	-0.30	+0.7	21.1	
1996 11 03	07 38.06	+16 51.5	5.231	5.608	-0.31	+0.7	21.0	
1996 11 13	07 37.97	+16 42.8	5.039	5.563	-0.32	+0.8	20.8	
1996 11 23	07 36.59	+16 37.4	4.859	5.519	-0.33	+0.8	20.7	
1996 12 03	07 33.94	+16 35.5	4.698	5.474	-0.34	+0.8	20.6	
1996 12 13	07 30.09	+16 37.1	4.559	5.429	-0.35	+0.8	20.4	
1996 12 23	07 25.23	+16 42.0	4.447	5.383	-0.36	+0.8	20.2	
1997 01 02	07 19.64	+16 49.8	4.364	5.337	-0.36	+0.8	20.0	
1997 01 12	07 13.66	+16 59.9	4.314	5.291	-0.36	+0.8	20.0	
1997 01 22	07 07.72	+17 11.5	4.295	5.245	-0.35	+0.7	20.1	
1997 02 01	07 02.24	+17 23.8	4.307	5.199	-0.35	+0.7	20.2	
1997 02 11	06 57.58	+17 36.3	4.346	5.152	-0.34	+0.6	20.3	
1997 02 21	06 54.05	+17 48.4	4.410	5.105	-0.33	+0.6	20.3	
1997 03 03	06 51.86	+17 59.6	4.493	5.058	-0.32	+0.5	20.4	
1997 03 13	06 51.10	+18 09.5	4.589	5.011	-0.31	+0.5	20.5	
1997 03 23	06 51.81	+18 17.7	4.695	4.963	-0.30	+0.5	20.5	
1997 04 02	06 53.94	+18 24.0	4.804	4.916	-0.30	+0.5	20.6	
1997 04 12	06 57.42	+18 28.0	4.914	4.868	-0.29	+0.5	20.6	
1997 04 22	07 02.13	+18 29.2	5.019	4.820	-0.29	+0.5	20.6	
1997 05 02	07 07.94	+18 27.5	5.117	4.771	-0.29	+0.5	20.6	
1997 05 12	07 14.74	+18 22.5	5.205	4.723	-0.29	+0.5	20.6	
1997 05 22	07 22.39	+18 14.0	5.280	4.674	-0.30	+0.6	20.6	
1997 06 01	07 30.78	+18 01.7	5.341	4.625	-0.30	+0.6	20.5	
1997 06 11	07 39.80	+17 45.4	5.385	4.576	-0.31	+0.7	20.5	

16P/Brooks 2

16P/Brooks 2					Elements <i>MPC</i> 24368			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_2
1996 10 24		11 34.80	+01 45.7	5.579	4.827	37.4	7.2	21.2
1996 11 03		11 41.81	+01 03.0	5.495	4.851	45.5	8.4	21.2
1996 11 13		11 48.23	+00 23.9	5.393	4.875	53.8	9.4	21.2
1996 11 23		11 53.94	−00 10.7	5.277	4.898	62.3	10.3	21.2
1996 12 03		11 58.84	−00 39.9	5.149	4.920	71.2	10.9	21.2
1996 12 13		12 02.79	−01 03.0	5.013	4.942	80.2	11.3	21.2
1996 12 23		12 05.69	−01 19.1	4.871	4.964	89.7	11.4	21.1
1997 01 02		12 07.41	−01 27.4	4.729	4.984	99.4	11.2	21.1
1997 01 12		12 07.87	−01 27.3	4.590	5.005	109.5	10.7	21.0
1997 01 22		12 07.02	−01 18.3	4.461	5.025	119.9	9.8	20.9
1997 02 01		12 04.85	−01 00.5	4.346	5.044	130.7	8.5	20.8
1997 02 11		12 01.44	−00 34.3	4.250	5.063	141.8	6.9	20.7
1997 02 21		11 56.97	−00 00.8	4.179	5.081	153.1	5.0	20.6
1997 03 03		11 51.69	+00 38.1	4.136	5.099	164.7	3.0	20.4
1997 03 13		11 45.93	+01 20.3	4.124	5.116	176.3	0.7	20.2
1997 03 23		11 40.09	+02 03.1	4.143	5.132	172.2	1.5	20.3
1997 04 02		11 34.54	+02 43.7	4.194	5.149	160.7	3.7	20.5
1997 04 12		11 29.63	+03 20.0	4.275	5.164	149.5	5.6	20.7
1997 04 22		11 25.64	+03 50.1	4.382	5.179	138.6	7.4	20.8
1997 05 02		11 22.75	+04 12.8	4.511	5.194	128.1	8.8	20.9
1997 05 12		11 21.06	+04 27.5	4.657	5.208	117.9	9.9	21.1
1997 05 22		11 20.59	+04 34.1	4.817	5.221	108.2	10.6	21.2
1997 06 01		11 21.30	+04 32.9	4.984	5.234	98.7	11.0	21.3

P/1996 A1 (Jedicke)

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements <i>MPC</i> 27080		
						ϵ	ϕ	m_1
1996 10 24		11 40.18	-03 55.0	5.489	4.701	34.3	6.8	18.4
1996 11 03		11 48.51	-04 54.6	5.419	4.727	41.9	8.1	18.4
1996 11 13		11 56.30	-05 51.8	5.334	4.754	49.7	9.1	18.4
1996 11 23		12 03.43	-06 45.8	5.234	4.781	57.7	10.1	18.4
1996 12 03		12 09.81	-07 35.9	5.123	4.808	66.0	10.8	18.4
1996 12 13		12 15.32	-08 21.3	5.003	4.835	74.6	11.3	18.3
1996 12 23		12 19.83	-09 01.0	4.877	4.863	83.4	11.6	18.3
1997 01 02		12 23.26	-09 34.4	4.748	4.890	92.5	11.6	18.3
1997 01 12		12 25.48	-10 00.4	4.620	4.918	102.0	11.3	18.2
1997 01 22		12 26.45	-10 18.3	4.497	4.947	111.7	10.6	18.2
1997 02 01		12 26.13	-10 27.5	4.385	4.975	121.8	9.7	18.2
1997 02 11		12 24.56	-10 27.5	4.288	5.004	132.1	8.4	18.2
1997 02 21		12 21.85	-10 18.3	4.210	5.033	142.7	6.8	18.1
1997 03 03		12 18.22	-10 00.5	4.156	5.062	153.4	5.0	18.1
1997 03 13		12 13.94	-09 35.3	4.129	5.091	163.7	3.1	18.1
1997 03 23		12 09.34	-09 04.4	4.132	5.121	171.9	1.6	18.2
1997 04 02		12 04.79	-08 30.1	4.165	5.150	169.3	2.1	18.2
1997 04 12		12 00.63	-07 54.9	4.227	5.180	159.9	3.8	18.3
1997 04 22		11 57.18	-07 21.3	4.318	5.210	149.6	5.6	18.3
1997 05 02		11 54.64	-06 51.5	4.434	5.240	139.4	7.2	18.4
1997 05 12		11 53.16	-06 27.1	4.571	5.270	129.3	8.5	18.5
1997 05 22		11 52.80	-06 09.3	4.726	5.300	119.6	9.6	18.6
1997 06 01		11 53.56	-05 58.6	4.895	5.330	110.2	10.3	18.7
1997 06 11		11 55.41	-05 55.2	5.072	5.361	101.1	10.7	18.8
1997 06 21		11 58.26	-05 58.9	5.255	5.391	92.3	10.9	18.9
1997 07 01		12 02.03	-06 09.5	5.438	5.422	83.7	10.7	19.0
1997 07 11		12 06.61	-06 26.2	5.620	5.453	75.4	10.4	19.1
1997 07 21		12 11.90	-06 48.7	5.796	5.483	67.2	9.8	19.2
1997 07 31		12 17.81	-07 16.1	5.964	5.514	59.2	9.1	19.3
1997 08 10		12 24.25	-07 47.9	6.121	5.545	51.4	8.2	19.4
1997 08 20		12 31.13	-08 23.4	6.265	5.576	43.6	7.2	19.4
1997 08 30		12 38.37	-09 01.9	6.393	5.607	35.9	6.1	19.5

29P/Schwassmann-Wachmann 1

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements <i>MPC</i> 23105		
						ϵ	ϕ	m_2
1996 10 24		11 44.16	-04 10.0	7.085	6.277	33.3	5.0	16.2
1996 11 03		11 50.01	-04 57.6	6.986	6.277	41.5	6.0	16.2
1996 11 13		11 55.42	-05 43.5	6.868	6.278	49.9	6.9	16.2
1996 11 23		12 00.30	-06 27.1	6.736	6.278	58.6	7.7	16.2
1996 12 03		12 04.55	-07 07.9	6.591	6.278	67.4	8.3	16.2
1996 12 13		12 08.07	-07 45.1	6.435	6.278	76.4	8.8	16.1
1996 12 23		12 10.78	-08 18.0	6.274	6.278	85.7	9.0	16.1
1997 01 02		12 12.57	-08 46.0	6.111	6.278	95.3	9.0	16.0
1997 01 12		12 13.39	-09 08.2	5.951	6.278	105.0	8.7	16.0
1997 01 22		12 13.20	-09 24.2	5.798	6.278	115.1	8.2	15.9
1997 02 01		12 11.99	-09 33.4	5.657	6.278	125.3	7.4	15.8
1997 02 11		12 09.81	-09 35.5	5.534	6.278	135.7	6.3	15.7
1997 02 21		12 06.77	-09 30.6	5.432	6.278	146.2	5.0	15.6
1997 03 03		12 03.06	-09 19.2	5.356	6.278	156.6	3.6	15.5
1997 03 13		11 58.87	-09 02.0	5.308	6.278	166.3	2.1	15.4
1997 03 23		11 54.50	-08 40.5	5.290	6.278	171.5	1.3	15.3

1997 04 02	11 50.21	-08 16.2	5.303	6.278	165.9	2.2	15.4
1997 04 12	11 46.28	-07 50.9	5.346	6.277	156.3	3.7	15.5
1997 04 22	11 42.94	-07 26.5	5.417	6.277	146.1	5.1	15.6
1997 05 02	11 40.37	-07 04.7	5.513	6.277	136.0	6.4	15.7
1997 05 12	11 38.70	-06 46.7	5.629	6.276	126.0	7.5	15.8
1997 05 22	11 37.99	-06 33.8	5.762	6.276	116.3	8.3	15.9
1997 06 01	11 38.26	-06 26.4	5.907	6.276	106.8	8.9	15.9
1997 06 11	11 39.49	-06 24.9	6.059	6.275	97.6	9.2	16.0
1997 06 21	11 41.63	-06 29.6	6.215	6.275	88.7	9.3	16.1
1997 07 01	11 44.61	-06 40.1	6.371	6.274	80.0	9.2	16.1
1997 07 11	11 48.35	-06 56.2	6.522	6.274	71.5	8.8	16.2
1997 07 21	11 52.77	-07 17.7	6.666	6.273	63.2	8.3	16.2
1997 07 31	11 57.78	-07 44.0	6.799	6.273	55.0	7.6	16.2
1997 08 10	12 03.31	-08 14.7	6.919	6.272	47.0	6.8	16.2
1997 08 20	12 09.27	-08 49.3	7.023	6.271	39.2	5.8	16.2
1997 08 30	12 15.59	-09 27.4	7.110	6.271	31.4	4.8	16.2

32P/Comas Solá

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements <i>MPC</i> 26143		
						ϵ	ϕ	m_2
1996 10 24		12 12.11	+08 48.2	3.000	2.231	32.9	14.0	17.4
1996 11 03		12 30.29	+06 56.9	2.983	2.281	37.7	15.4	17.5
1996 11 13		12 47.54	+05 13.0	2.957	2.332	42.9	16.8	17.6
1996 11 23		13 03.81	+03 37.6	2.922	2.384	48.5	18.1	17.7
1996 12 03		13 19.04	+02 11.6	2.877	2.438	54.4	19.2	17.7
1996 12 13		13 33.14	+00 55.9	2.824	2.493	60.6	20.1	17.7
1996 12 23		13 45.97	-00 08.9	2.762	2.548	67.2	20.9	17.8
1997 01 02		13 57.40	-01 02.3	2.693	2.604	74.3	21.3	17.8
1997 01 12		14 07.23	-01 43.9	2.617	2.661	81.8	21.5	17.8
1997 01 22		14 15.24	-02 13.5	2.538	2.718	89.7	21.2	17.7
1997 02 01		14 21.24	-02 31.3	2.457	2.775	98.2	20.6	17.7
1997 02 11		14 25.00	-02 37.5	2.379	2.832	107.2	19.4	17.6
1997 02 21		14 26.35	-02 33.0	2.306	2.889	116.8	17.8	17.5
1997 03 03		14 25.21	-02 19.2	2.243	2.947	126.9	15.6	17.5
1997 03 13		14 21.64	-01 58.1	2.196	3.004	137.4	12.9	17.4
1997 03 23		14 15.89	-01 32.7	2.168	3.061	148.3	9.9	17.3
1997 04 02		14 08.48	-01 06.6	2.165	3.118	158.9	6.6	17.1
1997 04 12		14 00.06	-00 43.7	2.189	3.175	167.7	3.9	17.1
1997 04 22		13 51.47	-00 27.5	2.241	3.232	168.2	3.7	17.1
1997 05 02		13 43.46	-00 20.7	2.323	3.288	160.0	6.0	17.4
1997 05 12		13 36.66	-00 24.7	2.431	3.344	149.9	8.7	17.6
1997 05 22		13 31.52	-00 39.8	2.564	3.400	139.7	11.1	17.9
1997 06 01		13 28.21	-01 05.3	2.717	3.455	129.8	13.0	18.1
1997 06 11		13 26.77	-01 40.1	2.886	3.510	120.3	14.5	18.3
1997 06 21		13 27.13	-02 22.8	3.068	3.564	111.2	15.4	18.5
1997 07 01		13 29.11	-03 11.7	3.259	3.618	102.5	15.9	18.7
1997 07 11		13 32.54	-04 05.8	3.455	3.671	94.1	16.0	18.9
1997 07 21		13 37.25	-05 03.8	3.653	3.724	86.1	15.8	19.0
1997 07 31		13 43.04	-06 04.6	3.850	3.777	78.3	15.3	19.2
1997 08 10		13 49.77	-07 07.4	4.044	3.829	70.6	14.5	19.3
1997 08 20		13 57.30	-08 11.3	4.231	3.880	63.2	13.5	19.4
1997 08 30		14 05.49	-09 15.5	4.409	3.932	55.8	12.3	19.4
1997 09 09		14 14.27	-10 19.6	4.577	3.982	48.5	10.9	19.5

1997 09 19	14 23.51	-11 22.9	4.732	4.032	41.3	9.5	19.5
1997 09 29	14 33.13	-12 24.8	4.873	4.082	34.0	7.9	19.6

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	M_{PC}
1981 EG ₄₅	96 07 28.0	20 30.85	-17 08.7	19.1	-1.04	- 2.0	0.8/28.4	26923
1989 RQ ₁	96 07 28.1	20 30.86	-10 09.0	14.9	-0.71	- 9.4	4.7/30.6	27555
1991 PR ₁	96 07 28.2	20 31.41	-18 44.6	17.5	-0.88	- 0.4	0.0/28.3	23339
1995 BM ₂	96 07 28.3	20 31.82	+09 48.7	19.9	-1.01	- 0.8	9.4/03.3	25431
1994 BM ₄	96 07 28.5	20 32.66	-10 57.3	18.1	-0.85	- 2.0	2.4/30.1	23243
1981 EN ₂₆	96 07 28.5	20 32.67	-07 53.5	17.7	-0.82	- 4.4	3.6/31.1	21967
1988 DD	96 07 28.5	20 32.85	-16 33.6	17.3	-0.98	- 8.2	0.8/29.2	27727
1994 FQ	96 07 28.7	20 33.38	-06 53.8	19.0	-0.73	- 5.8	3.3/31.8	27730
1992 OO ₁	96 07 28.7	20 33.52	-13 37.1	16.2	-0.86	- 9.3	1.9/30.2	22273
1981 EK ₄₀	96 07 29.0	20 34.39	-11 45.3	17.8	-0.85	- 4.0	2.7/30.5	26922
1985 QL ₄	96 07 29.1	20 35.07	-20 27.0	15.7	-0.77	- 5.2	0.6/28.7	27726
(6329)	96 07 29.1	20 35.08	-22 05.1	16.1	-1.05	- 6.7	1.4/28.4	25054
1108 T-1	96 07 29.2	20 35.47	-25 06.9	19.0	-1.12	- 2.2	2.5/28.0	25645
1995 HA	96 07 29.3	20 35.90	-04 37.1	19.0	-0.76	- 3.1	4.8/01.6	27731
1995 CO ₁	96 07 29.5	20 36.55	-24 03.7	17.0	-1.09	- 4.3	2.3/28.4	24908
1993 UU	96 07 29.6	20 36.97	-32 55.1	15.3	-1.12	- 6.2	6.6/26.0	25216
1991 SL ₂	96 07 29.6	20 37.06	-31 38.8	16.3	-0.86	- 4.4	4.1/26.5	21796
1986 RB ₅	96 07 29.8	20 37.73	-19 25.5	15.6	-0.85	- 8.7	0.5/29.6	27566
(6463)	96 07 29.9	20 38.32	-10 33.2	14.6	-1.03	+ 2.7	3.5/31.1	25412
(7128)	96 07 30.0	20 38.58	-14 02.2	15.9	-0.79	- 2.5	1.7/31.0	27703
1981 ED ₈	96 07 30.0	20 38.62	-18 25.8	18.3	-1.06	- 2.0	0.0/30.1	26916
1986 TQ	96 07 30.0	20 38.66	-37 25.9	16.7	-1.06	+ 0.9	6.4/26.7	21970
1991 AV ₂	96 07 30.1	20 38.77	-19 00.3	17.4	-1.00	- 3.2	0.2/30.0	25063
1993 SX ₆	96 07 30.1	20 38.83	-26 17.1	17.2	-1.10	- 2.7	3.2/28.6	24898
1996 OH	96 07 30.2	20 39.35	-18 31.9	18.8	-0.70	- 4.1	0.0/30.2	27722
1993 SF	96 07 30.3	20 39.77	-19 43.4	18.4	-1.09	- 2.1	0.5/30.1	25067
1991 GH ₈	96 07 30.4	20 40.18	-39 06.3	17.1	-1.06	+ 0.1	9.3/26.4	25081
1994 AQ ₂	96 07 30.5	20 40.32	-19 59.0	16.8	-0.85	- 4.2	0.6/30.1	27730
1995 EF ₁	96 07 30.7	20 41.08	-23 05.1	17.1	-1.02	- 3.9	1.7/29.7	26760
(6317)	96 07 30.8	20 41.45	-24 09.5	16.8	-1.04	- 6.3	2.5/29.4	25051
1988 RW ₁₂	96 07 31.0	20 42.28	-15 09.6	16.7	-0.86	- 1.0	1.5/31.6	27727
1993 TS ₂₀	96 07 31.0	20 42.40	-16 46.3	17.4	-0.96	- 5.2	0.7/31.4	27715
1982 TF ₂	96 07 31.2	20 42.96	-17 14.0	15.6	-0.96	- 2.5	0.5/31.4	27726
1981 ET ₄₆	96 07 31.4	20 43.71	-19 48.2	17.2	-0.91	- 2.7	0.6/31.0	26923
1988 RE ₁₀	96 07 31.4	20 43.74	-14 45.9	17.2	-0.81	- 5.0	1.6/01.2	27727
1981 DO ₁	96 07 31.4	20 44.18	-12 52.5	18.5	-1.06	- 1.9	2.1/02.0	26914
1991 GR	96 07 31.5	20 44.21	-44 16.5	14.5	-1.25	- 1.1	10.2/25.6	27728
(6503)	96 07 31.6	20 44.62	-17 31.1	16.0	-0.84	- 4.3	0.2/31.8	25422
1986 PK ₆	96 07 31.7	20 45.28	-11 14.1	15.5	-1.02	- 2.4	3.3/02.2	27727
(7139)	96 07 31.8	20 45.43	-07 09.6	16.8	-0.75	- 5.0	3.5/03.6	27705
1990 HO ₃	96 07 31.8	20 45.45	-21 22.7	18.0	-0.81	- 3.5	1.0/31.1	25538
(7133)	96 07 31.9	20 45.79	+05 35.1	15.8	-0.86	- 6.8	9.6/07.9	27704
1992 GF ₄	96 08 01.0	20 46.40	-31 31.7	16.6	-1.13	- 4.3	6.5/28.8	23247
1978 WB	96 08 01.2	20 47.17	-21 44.9	17.2	-1.02	- 4.3	1.6/31.4	27725
1978 VU ₅	96 08 01.2	20 47.24	-14 28.6	18.2	-0.94	- 4.2	1.4/02.1	27708
1986 QN ₁	96 08 01.6	20 48.61	-31 32.6	17.0	-1.02	+ 0.2	4.8/30.0	25079

1984 JN	96 08 01.6	20 48.82	-19 51.9	17.8	-0.97	- 4.9	0.8/01.2	25338
(6385)	96 08 01.7	20 48.89	-26 19.1	16.8	-0.85	- 2.5	2.7/30.8	25200
1993 BE ₅	96 08 01.7	20 49.10	-17 53.8	16.4	-0.71	- 2.3	0.0/01.8	27730
(6319)	96 08 01.7	20 49.21	-10 54.8	16.7	-0.98	- 5.0	2.9/03.4	25193
1986 QV ₃	96 08 01.8	20 49.30	-19 11.9	14.7	-0.88	- 8.5	0.7/01.4	27727
1992 UZ ₂	96 08 02.0	20 50.16	-21 59.1	16.4	-0.86	- 3.8	1.4/01.0	25441
1988 CQ ₇	96 08 02.1	20 50.73	-20 35.1	17.4	-1.04	- 4.1	1.2/01.5	23972
1992 GO ₄	96 08 02.2	20 50.78	-13 07.5	16.8	-1.01	- 4.7	1.9/03.3	25330
(7108)	96 08 02.2	20 51.01	-13 09.3	16.8	-0.82	- 3.7	1.6/03.3	27698
1981 EM ₂	96 08 02.2	20 51.08	-05 07.7	19.9	-0.98	- 3.4	4.7/05.1	26914
3189 T-2	96 08 02.2	20 51.13	-28 36.5	19.7	-1.06	- 3.4	4.3/30.8	22701
1992 UE ₃	96 08 02.3	20 51.11	-20 57.2	16.8	-0.86	- 4.1	1.1/01.5	25538
(6397)	96 08 02.5	20 51.98	-25 19.0	16.0	-1.03	- 4.7	3.2/31.7	25203
1983 CO ₃	96 08 02.6	20 52.41	-07 16.5	18.0	-0.80	- 0.9	2.8/04.8	25078
1995 DX	96 08 02.8	20 53.20	-13 51.7	18.4	-0.84	- 8.3	1.3/03.9	27717
1991 EA	96 08 02.9	20 53.87	-24 23.0	17.0	-1.04	- 2.1	2.6/01.6	25226
1987 BS ₂	96 08 03.1	20 54.19	-16 20.8	17.4	-0.97	- 4.8	0.4/03.4	27727
1995 DG ₂	96 08 03.1	20 54.46	-18 29.9	16.9	-1.00	- 3.1	0.4/02.9	27568
1988 BM ₃	96 08 03.2	20 54.92	-16 44.7	16.8	-1.04	- 3.6	0.2/03.4	24736
1978 RV ₇	96 08 03.2	20 54.96	-12 29.7	18.6	-0.86	- 4.5	1.8/04.5	21251
1978 VD ₇	96 08 03.4	20 55.32	-21 33.3	18.3	-0.87	- 4.1	1.4/02.4	27725
1984 SC ₁	96 08 03.4	20 55.45	-38 35.3	16.1	-1.21	+ 1.9	9.6/30.4	27726
(6401)	96 08 03.5	20 56.09	-15 23.9	15.5	-0.83	- 9.2	0.7/04.1	25204
1978 VF ₃	96 08 03.6	20 56.23	-19 54.5	18.4	-1.04	- 4.4	1.0/03.0	23245
1995 FX ₁₄	96 08 03.6	20 56.49	-24 19.6	17.0	-0.87	- 5.5	3.3/01.8	25442
(6266)	96 08 03.7	20 56.54	-09 57.7	14.3	-0.80	- 7.5	3.7/05.8	24891
1981 EH ₄₀	96 08 03.7	20 56.68	-22 41.5	20.0	-0.92	- 2.6	2.0/02.5	26922
2272 T-2	96 08 03.7	20 56.70	-27 26.7	16.5	-1.16	- 2.2	4.1/01.7	25229
1991 PH ₁₂	96 08 03.7	20 56.77	-10 48.9	16.6	-0.84	- 0.8	1.9/05.1	24583
1981 EJ ₄₃	96 08 03.7	20 56.81	-17 18.7	19.5	-1.04	- 3.3	0.0/03.8	26922
1981 EX ₂₈	96 08 03.8	20 56.99	-14 14.2	16.7	-1.05	- 0.6	1.4/04.4	27726
1979 UH	96 08 03.8	20 57.12	-17 08.4	17.9	-0.89	- 6.4	0.0/03.9	27725
1981 EF ₄	96 08 04.0	20 57.94	-05 11.4	17.6	-0.98	- 3.0	5.3/07.0	26915
4257 P-L	96 08 04.1	20 58.31	-22 11.3	18.4	-1.08	- 1.0	2.3/03.2	16035
1979 QX ₃	96 08 04.3	20 58.84	-21 29.9	14.9	-0.90	+ 0.7	1.6/03.5	27725
1981 ET ₁₅	96 08 04.3	20 58.91	-34 27.3	17.4	-1.13	+ 0.6	6.2/31.9	22948
1994 AT ₂	96 08 04.3	20 58.98	-10 02.7	17.0	-0.87	- 2.6	2.7/05.9	23242
1996 OE	96 08 04.3	20 59.20	-21 49.7	19.1	-0.98	- 4.3	2.0/03.3	27722
1995 MG ₁	96 08 04.4	20 59.50	-10 09.2	16.6	-0.86	- 7.0	2.7/06.3	25535
1995 EO	96 08 04.4	20 59.51	-11 36.7	18.6	-1.00	- 4.0	2.1/05.7	27731
1994 BL ₄	96 08 04.5	20 59.70	-22 29.3	18.7	-1.01	- 1.1	1.7/03.4	23686
1994 CF ₁₆	96 08 04.6	21 00.29	-19 54.7	18.2	-0.76	- 5.0	0.8/03.9	24112
1981 EO ₁₅	96 08 04.7	21 00.38	-05 52.6	16.8	-0.84	- 3.6	3.9/07.4	25438
1981 EY ₁₁	96 08 04.8	21 00.93	-20 03.7	18.5	-1.10	- 1.9	1.2/04.2	26917
1995 CT ₁	96 08 04.8	21 01.02	+23 19.2	16.6	-1.06	+ 2.4	12.7/15.1	27731
(6492)	96 08 04.9	21 01.31	-19 17.9	16.6	-0.83	- 4.6	0.8/04.3	25420
(7101)	96 08 05.0	21 01.56	-20 27.2	16.7	-1.11	- 1.8	1.6/04.3	27696
1981 UQ ₂₉	96 08 05.0	21 01.79	-15 01.9	16.7	-0.98	- 3.9	0.7/05.5	27726
(7120)	96 08 05.0	21 01.85	-16 58.6	16.7	-0.85	- 3.2	0.0/05.1	27700
1996 ON	96 08 05.1	21 01.86	-10 42.8	16.7	-0.85	- 0.4	3.3/06.4	27722
1981 EL ₉	96 08 05.4	21 03.30	-27 43.0	19.0	-0.89	- 0.2	3.1/03.1	26916

1996 OJ	96 08 05.4	21 03.39	-17 13.8	17.6	-0.78	- 4.3	0.2/05.4	27722
1990 UF ₂	96 08 05.5	21 03.84	-05 12.2	17.1	-0.97	- 5.4	4.6/08.6	25080
1976 UT ₁	96 08 05.6	21 03.99	-09 12.2	17.2	-0.98	- 4.3	3.2/07.4	27565
1992 YH ₂	96 08 05.6	21 04.19	-28 02.0	17.6	-0.80	- 5.1	3.4/02.6	25530
(6330)	96 08 05.7	21 04.19	-14 37.9	16.6	-1.04	- 4.9	0.9/06.2	25054
1995 GF	96 08 05.7	21 04.34	-26 43.7	16.7	-0.97	- 4.7	3.5/03.2	25442
4354 T-3	96 08 05.7	21 04.35	-16 51.5	16.9	-0.99	- 7.0	0.1/05.7	27732
1981 EO ₃₃	96 08 05.7	21 04.35	+02 59.6	19.9	-0.78	- 5.9	6.2/11.5	26921
1992 ST ₂₆	96 08 05.8	21 04.61	-11 46.3	15.6	-0.89	- 2.2	1.8/06.9	27714
1978 VK ₈	96 08 05.8	21 04.69	-19 23.4	17.6	-0.87	- 4.3	0.9/05.2	25338
3269 T-2	96 08 05.8	21 04.74	-08 45.8	18.0	-0.80	- 6.9	3.1/08.0	16439
1996 OP ₂	96 08 05.9	21 05.07	+03 18.5	16.1	-0.60	-12.0	9.9/13.5	27723
1986 CP ₁	96 08 06.0	21 05.53	-23 08.8	17.5	-0.93	- 3.6	2.2/04.5	25225
1989 SQ	96 08 06.0	21 05.55	-14 59.4	16.3	-1.07	- 2.3	0.7/06.4	25439
1995 EH	96 08 06.1	21 06.17	-27 54.0	16.1	-1.06	- 2.1	4.5/03.7	25074
1990 RK ₂	96 08 06.3	21 06.71	-13 11.7	15.7	-0.99	- 5.7	1.6/07.2	23789
1989 SG	96 08 06.4	21 06.90	-24 36.0	16.8	-1.09	- 2.5	3.1/04.6	27728
(7103)	96 08 06.4	21 07.26	-04 19.5	17.0	-0.74	- 5.7	4.1/10.0	27697
(7114)	96 08 06.5	21 07.60	-16 05.3	17.2	-0.83	- 2.0	0.1/06.7	27699
1994 AX ₂	96 08 07.0	21 09.44	-10 09.1	16.8	-0.86	- 0.9	1.9/08.4	27730
1981 EZ ₂₀	96 08 07.0	21 09.58	-14 27.8	18.5	-0.87	- 3.9	0.7/07.6	26919
1981 EV ₇	96 08 07.1	21 09.53	-09 57.8	18.4	-0.86	- 3.0	2.4/08.6	27725
(6294)	96 08 07.1	21 09.57	-14 35.1	16.0	-1.03	- 3.1	0.8/07.5	25046
1988 RB ₁₂	96 08 07.3	21 10.68	-23 24.0	16.1	-0.93	+ 0.1	3.6/05.9	22079
1981 EO ₃₂	96 08 07.4	21 10.83	-11 54.2	19.4	-0.87	- 2.7	1.6/08.5	22271
1981 SE	96 08 07.4	21 11.04	-15 00.7	16.7	-0.93	- 4.8	0.5/07.8	25225
1990 VL ₄	96 08 07.5	21 11.29	-21 01.8	17.5	-1.00	- 7.3	1.9/06.2	24739
1994 AJ	96 08 07.6	21 11.55	-19 32.7	14.9	-0.73	-11.8	1.6/06.5	27730
(7081)	96 08 07.7	21 11.84	-03 21.1	15.4	-0.81	- 2.7	5.6/10.8	27546
1992 WL	96 08 07.7	21 11.85	-32 41.9	16.3	-0.90	- 3.3	5.0/03.4	24119
1979 QV ₁	96 08 07.7	21 11.90	-16 05.0	17.0	-1.10	- 1.7	0.0/07.7	27708
1995 FD	96 08 07.7	21 12.26	-20 50.3	18.8	-0.95	- 3.3	1.6/06.7	25433
1981 ES ₃₂	96 08 07.9	21 12.91	-13 07.5	18.9	-1.09	- 0.8	1.3/08.6	22271
1979 MJ ₅	96 08 08.0	21 13.38	-11 43.8	17.3	-0.98	- 6.1	1.7/09.2	27725
2714 P-L	96 08 08.1	21 13.43	-18 44.0	19.4	-1.00	- 4.1	0.9/07.5	27724
1985 CX ₁	96 08 08.1	21 13.47	-11 19.9	17.7	-1.01	- 4.8	2.0/09.3	27726
1980 VO	96 08 08.3	21 14.32	-35 46.3	16.5	-1.12	- 4.4	8.9/02.6	21966
(7138)	96 08 08.3	21 14.53	-15 33.5	16.0	-0.99	- 1.3	0.2/08.5	27705
1989 RT	96 08 08.4	21 14.86	-17 47.1	15.8	-1.06	+ 0.4	0.9/08.1	27710
1987 MA ₁	96 08 08.5	21 14.88	-09 08.7	14.9	-0.65	-13.0	3.1/11.0	27710
1992 UN ₄	96 08 08.5	21 15.31	-30 13.7	15.8	-0.92	- 5.9	5.0/04.4	25441
1981 EK ₃₈	96 08 08.6	21 15.52	-14 00.8	19.9	-1.02	- 3.2	0.8/09.1	26922
1994 AP ₁	96 08 08.7	21 15.83	-16 05.1	17.4	-0.90	- 0.3	0.1/08.7	27716
1981 EM ₁₁	96 08 08.7	21 15.90	-13 33.4	19.4	-1.06	- 2.1	0.9/09.3	26917
1985 GP ₁	96 08 08.8	21 16.11	-46 22.1	15.7	-0.95	-16.6	13.5/26.5	27709
4276 P-L	96 08 08.9	21 16.41	-23 31.5	17.3	-1.13	- 0.8	3.8/07.4	24915
1992 GX ₄	96 08 09.1	21 17.21	-23 29.4	17.7	-1.06	- 4.0	3.2/07.3	25215
(6250)	96 08 09.1	21 17.49	+22 45.3	16.4	-1.08	- 3.2	16.9/21.5	24730
(7119)	96 08 09.4	21 18.50	-00 56.4	16.7	-0.54	- 0.6	2.8/13.3	27700
1988 RJ ₁₃	96 08 09.4	21 18.60	-41 10.2	17.9	-1.13	- 1.8	10.0/02.9	21972
(6433)	96 08 09.5	21 18.69	-27 45.3	17.3	-1.02	- 7.8	5.0/05.9	25317

1993 TZ ₃₁	96 08 09.5	21 18.99	-33 32.0	17.6	-1.10	- 3.4	7.9/05.1	27557
1990 YM	96 08 09.7	21 19.52	-35 25.5	16.9	-1.06	- 8.9	6.2/03.5	27567
1981 ET ₁₂	96 08 09.7	21 19.71	-04 50.3	20.8	-0.95	- 5.2	4.1/12.6	26917
1957 JP	96 08 09.7	21 19.74	-40 34.8	15.3	-1.05	- 3.3	10.0/02.9	25646
4825 T-1	96 08 09.8	21 20.27	-17 14.1	16.6	-0.98	- 6.6	0.8/09.4	27732
1981 EV ₃₁	96 08 09.9	21 20.52	-10 20.5	18.8	-0.94	- 6.9	2.3/11.4	26921
(6412)	96 08 09.9	21 20.56	-25 46.9	16.6	-1.08	- 2.6	4.1/07.6	25206
1981 ES ₄₇	96 08 10.0	21 20.68	-20 28.3	18.0	-0.99	- 4.8	2.3/08.7	22697
1982 TL ₂	96 08 10.0	21 20.76	-07 17.7	17.1	-0.98	- 3.3	3.2/12.0	27709
1988 RT ₁₁	96 08 10.0	21 20.96	-17 31.9	19.1	-0.94	- 4.0	0.8/09.6	18114
1985 RV ₄	96 08 10.1	21 21.17	-15 53.8	16.2	-0.77	- 3.5	0.2/10.0	27119
1981 EN ₁₇	96 08 10.1	21 21.17	-06 15.2	15.9	-0.90	- 4.9	4.4/12.6	27725
1992 WN ₁	96 08 10.2	21 21.69	-16 17.9	17.5	-0.80	- 5.3	0.3/10.0	21594
1981 DJ ₁	96 08 10.3	21 21.88	-08 05.3	19.0	-1.01	- 2.9	2.9/12.1	26914
1982 HJ	96 08 10.3	21 22.01	-31 29.9	15.5	-1.04	- 4.0	7.8/06.2	22949
1993 VJ ₄	96 08 10.3	21 22.12	-20 42.0	15.7	-0.93	- 2.8	2.8/09.1	25340
1993 RB	96 08 10.4	21 22.11	-20 49.8	18.2	-1.16	- 1.1	2.3/09.3	27730
1981 ES ₁₇	96 08 10.4	21 22.53	-12 13.3	17.5	-0.86	- 3.5	1.2/11.3	26918
1992 EA	96 08 10.6	21 22.96	-16 05.3	16.5	-1.04	- 4.2	0.3/10.4	27729
1979 KD	96 08 10.7	21 23.41	-12 29.1	16.3	-0.83	- 8.1	1.1/11.6	25225
1985 RS ₁	96 08 10.7	21 23.61	-20 55.9	15.5	-0.88	- 3.1	2.9/09.3	22076
1981 EL ₃₈	96 08 10.7	21 23.61	-00 36.0	19.9	-0.79	- 5.7	4.6/15.0	26922
1985 JN ₁	96 08 10.8	21 23.64	-26 01.0	16.4	-0.99	- 6.1	4.8/07.9	27726
2716 P-L	96 08 11.5	21 26.52	-12 57.5	17.7	-0.78	- 6.2	1.1/12.2	27732
(7123)	96 08 11.5	21 26.57	-06 00.2	16.8	-0.93	- 4.6	3.5/13.9	27701
1981 SE ₂	96 08 11.5	21 26.68	-18 44.8	16.2	-0.86	- 6.4	1.8/10.5	27566
1985 RW	96 08 11.6	21 27.06	+21 55.0	18.4	-1.12	- 0.9	16.2/21.9	22492
(6379)	96 08 11.7	21 27.11	-36 18.5	16.1	-0.97	- 2.0	6.7/06.2	25199
1994 AY ₁	96 08 11.9	21 27.89	-14 10.0	16.6	-0.88	- 4.7	8.2/23.0	27730
1981 ET ₃₀	96 08 12.0	21 28.48	-08 34.8	18.9	-0.92	- 7.1	2.5/13.9	26920
4721 P-L	96 08 12.1	21 28.60	-18 00.7	18.2	-0.88	- 3.6	1.1/11.3	27732
(7118)	96 08 12.1	21 28.95	+01 45.6	17.1	-0.80	- 5.6	5.3/17.0	27700
5065 T-2	96 08 12.3	21 29.34	+01 30.0	19.2	-0.91	- 3.4	5.9/16.6	22701
(6473)	96 08 12.3	21 29.39	-04 19.4	17.1	-0.82	- 5.1	3.4/15.3	25414
1988 ER ₁	96 08 12.3	21 29.55	-27 52.8	16.1	-1.07	- 2.4	5.7/09.2	24912
1977 FS	96 08 12.4	21 29.78	-13 36.0	15.7	-0.94	+ 1.3	0.4/12.7	27725
1981 RF	96 08 12.4	21 29.79	-17 26.4	15.8	-0.85	- 6.6	1.2/11.7	27726
1995 FE	96 08 12.4	21 29.89	-47 12.8	18.0	-1.48	+ 1.0	10.6/05.2	25539
1992 HL ₄	96 08 12.6	21 30.48	-29 15.9	16.7	-1.15	- 1.9	6.3/09.3	25427
1993 VN ₂	96 08 12.9	21 31.65	-13 13.4	15.6	-0.87	- 6.5	0.7/13.3	27716
1992 XL	96 08 12.9	21 31.80	-30 26.6	15.8	-0.84	- 6.0	5.5/08.0	25340
1992 FG	96 08 13.0	21 32.01	-25 19.9	15.6	-1.10	- 1.6	5.1/10.6	25340
1981 ER ₃₀	96 08 13.1	21 32.30	-11 16.3	19.0	-0.86	- 4.4	1.2/14.0	26920
1995 CY ₁	96 08 13.2	21 32.95	+12 11.0	19.8	-1.08	+ 0.1	8.9/19.7	25432
1983 WG	96 08 13.2	21 33.07	-29 31.0	17.8	-0.89	- 5.0	4.3/08.9	8540
3507 T-3	96 08 13.3	21 33.30	+01 03.9	14.8	-0.48	- 9.8	9.1/19.7	27569
1994 AC ₁	96 08 13.3	21 33.37	-09 05.2	16.5	-1.07	- 0.6	2.4/14.5	27716
1982 VY ₂	96 08 13.4	21 33.75	-15 54.7	17.1	-0.80	- 4.7	0.4/13.1	25647
1993 TM ₁₂	96 08 13.5	21 33.85	-15 00.3	16.4	-1.00	- 6.2	0.2/13.4	27715
1994 GA	96 08 13.5	21 33.87	+28 41.1	18.0	-0.87	- 2.0	13.7/27.8	24112
1981 EQ ₈	96 08 13.5	21 33.96	-08 25.5	18.0	-0.89	- 4.2	2.2/15.1	26916

1994 GY ₉	96 08 13.7	21 34.57	-05 37.3	18.2	-0.82	- 6.9	2.9/16.3	25070
(6449)	96 08 13.7	21 34.59	-11 57.0	16.5	-1.00	- 4.0	1.0/14.3	27696
1991 RP ₁₅	96 08 13.7	21 34.88	-16 39.8	16.7	-0.80	- 3.9	0.7/13.1	27729
1993 VB ₂	96 08 13.7	21 34.92	-10 37.3	16.6	-0.98	- 4.5	1.6/14.8	27716
1979 KM	96 08 13.9	21 35.56	-12 15.0	17.4	-0.94	- 9.4	0.9/14.6	27725
(6347)	96 08 13.9	21 35.62	-16 31.9	15.7	-1.03	- 4.0	0.9/13.4	25058
1995 FH	96 08 13.9	21 35.65	+09 25.5	16.7	-0.88	- 2.1	8.6/20.6	27718
1993 KT ₁	96 08 13.9	21 35.79	-59 35.2	16.4	-1.48	- 7.7	20.7/28.0	25651
1991 AH ₁	96 08 14.0	21 35.99	-12 41.3	17.9	-0.96	- 4.5	0.6/14.5	25213
1994 CP ₁₀	96 08 14.3	21 37.19	-19 03.7	16.6	-0.83	- 2.2	1.7/13.1	27121
(7121)	96 08 14.6	21 37.91	-13 31.3	16.3	-0.80	- 5.0	0.2/14.8	27701
1977 XZ ₂	96 08 14.6	21 37.92	-14 56.6	15.9	-0.82	- 3.6	0.3/14.4	21783
1981 EJ ₂₃	96 08 14.7	21 38.65	-17 01.2	17.7	-0.90	- 3.1	1.0/14.0	22430
1978 SP ₅	96 08 14.8	21 38.85	-09 22.5	16.8	-0.81	- 5.3	1.7/16.2	27725
1993 BC ₅	96 08 14.8	21 38.96	-13 53.1	17.5	-0.75	- 3.9	0.0/14.9	27714
(6165)	96 08 14.9	21 39.09	-15 07.3	16.1	-1.05	- 1.1	0.5/14.7	24374
1992 FM ₁	96 08 14.9	21 39.29	-35 14.6	17.3	-1.57	+ 4.8	8.6/11.8	22700
1996 NF ₄	96 08 15.1	21 39.83	-10 22.0	17.1	-0.87	- 1.4	1.3/16.0	27721
(7093)	96 08 15.1	21 40.16	-06 19.0	15.1	-0.64	-14.6	3.5/18.1	27550
(7115)	96 08 15.2	21 40.47	-13 35.9	17.9	-0.78	- 2.9	0.1/15.4	27699
1981 EU ₁₅	96 08 15.7	21 42.04	-05 34.6	18.7	-0.97	- 4.9	3.1/17.9	21967
1978 VE ₁₅	96 08 15.7	21 42.09	-19 41.0	16.2	-0.97	- 5.7	2.6/14.0	23347
(6360)	96 08 15.7	21 42.12	-26 02.1	16.1	-1.07	- 2.6	4.9/12.7	25194
4619 P-L	96 08 15.8	21 42.87	-16 01.3	18.2	-1.05	- 4.6	0.9/15.3	22966
1994 BJ	96 08 15.9	21 43.10	-18 40.2	14.9	-0.77	-12.3	2.0/14.2	27730
1977 XP ₂	96 08 16.0	21 43.44	-13 32.8	17.0	-0.79	- 5.0	0.0/16.1	27708
1975 XP ₃	96 08 16.2	21 44.33	-17 15.4	16.8	-1.02	- 4.0	1.5/15.3	27725
(7125)	96 08 16.6	21 45.62	-10 45.1	17.5	-0.92	- 5.4	1.0/17.4	27702
1993 XP	96 08 16.7	21 45.83	+04 15.0	17.2	-0.92	- 2.1	6.1/21.3	22963
1985 PN	96 08 17.0	21 47.17	-09 58.7	16.2	-0.70	- 8.7	1.0/18.2	25637
1981 ED ₄₃	96 08 17.0	21 47.20	-24 28.2	16.0	-0.93	- 0.4	4.9/14.4	21968
3145 T-2	96 08 17.1	21 47.30	-15 35.9	17.3	-0.82	- 5.8	0.7/16.4	27732
1983 RX ₄	96 08 17.2	21 47.66	-01 21.2	15.8	-0.90	- 2.0	6.3/20.3	25423
1994 BH	96 08 17.4	21 48.81	-17 31.7	17.7	-0.86	- 6.2	1.3/16.2	27730
9535 P-L	96 08 17.5	21 48.97	-09 00.5	17.8	-0.79	- 6.7	1.5/18.9	23248
1993 VU ₅	96 08 17.6	21 49.45	-21 04.5	16.1	-1.06	- 2.7	3.3/15.7	27730
(7134)	96 08 17.7	21 49.55	+09 17.7	14.8	-0.88	- 5.8	9.2/25.2	27704
(7113)	96 08 17.7	21 49.71	-05 01.8	15.5	-0.89	- 0.6	2.7/19.7	27699
7607 P-L	96 08 17.9	21 50.46	-17 23.9	18.5	-0.99	- 6.2	1.7/16.7	22274
(7042)	96 08 17.9	21 50.58	-09 24.9	17.0	-1.02	- 5.1	1.5/19.0	27434
(6408)	96 08 18.1	21 51.39	-10 43.5	15.3	-0.80	- 4.5	0.8/18.9	25205
1990 VG ₃	96 08 18.2	21 51.39	-17 28.1	16.1	-0.93	- 8.4	2.1/16.8	25226
2055 P-L	96 08 18.2	21 51.43	-18 45.2	18.2	-1.11	- 0.9	2.4/16.9	22274
1981 DY	96 08 18.3	21 51.85	-05 45.7	17.4	-0.88	- 2.8	2.6/20.3	26914
1991 RX ₂₃	96 08 18.3	21 51.89	-21 03.4	17.1	-0.89	- 1.7	2.6/16.2	23790
1986 WV ₁	96 08 18.3	21 52.09	-12 27.6	17.0	-0.75	- 4.3	0.1/18.5	23858
2315 T-2	96 08 18.5	21 52.54	-11 47.0	19.4	-0.84	- 5.2	0.4/18.8	16883
1993 TE ₅	96 08 18.5	21 52.68	-07 18.6	14.7	-0.82	- 1.5	3.2/20.0	22971
1992 RV ₁	96 08 18.8	21 53.69	-11 45.9	18.3	-0.92	- 3.7	0.3/19.1	24583
4030 P-L	96 08 18.9	21 54.04	-10 01.4	17.1	-0.86	- 3.5	1.0/19.7	27724
1992 RK ₇	96 08 18.9	21 54.41	-17 05.0	17.4	-0.86	- 6.0	1.6/17.7	21586

(6358)	96 08 19.1	21 55.03	-32 06.1	15.2	-0.88	- 6.2	8.2/12.7	25194
1981 EO ₂₀	96 08 19.2	21 55.38	-10 17.8	16.4	-0.83	- 7.0	1.1/20.0	25078
1981 EA ₂₂	96 08 19.4	21 55.85	-04 20.3	17.6	-0.75	- 8.8	2.9/22.2	22598
1991 VA ₁	96 08 19.4	21 55.97	+04 04.9	15.8	-0.73	- 3.3	5.5/24.5	20642
1992 RM ₂	96 08 19.6	21 56.73	-19 52.6	16.2	-1.16	+ 3.8	3.4/18.3	22432
1981 ES ₁₈	96 08 19.6	21 56.75	-09 22.5	19.8	-0.97	- 5.8	1.2/20.5	26918
1988 SC	96 08 19.6	21 56.88	-25 57.7	16.8	-1.10	- 1.1	4.9/16.3	23348
1981 EG ₂₁	96 08 19.6	21 56.98	-10 24.0	17.5	-0.68	- 5.2	0.6/20.4	17818
1984 ET	96 08 19.6	21 56.99	-15 06.6	16.2	-0.93	- 6.8	1.0/18.9	27726
(6565)	96 08 19.6	21 57.00	-11 44.9	16.0	-0.99	- 6.7	0.3/19.9	25633
(6234)	96 08 19.7	21 57.34	-15 43.9	15.2	-1.04	- 2.1	1.6/19.0	24727
1981 DR ₂	96 08 19.8	21 57.54	-08 22.3	18.3	-0.95	- 1.6	1.4/20.9	27708
7075 P-L	96 08 19.9	21 57.67	+01 20.3	16.8	-0.70	- 6.3	5.2/24.5	20516
1981 EH ₃₈	96 08 19.9	21 57.71	-04 41.7	18.1	-0.88	- 6.5	3.5/22.3	26922
1991 PE ₅	96 08 20.0	21 58.07	-10 25.8	16.5	-0.81	- 4.3	0.6/20.6	25440
6581 P-L	96 08 20.0	21 58.08	-15 05.3	17.0	-0.51	- 2.2	0.5/19.2	23135
1995 JJ	96 08 20.1	21 58.64	-15 41.3	18.3	-0.76	- 5.4	1.0/19.1	25539
1979 TY ₁	96 08 20.1	21 58.79	-27 17.7	16.9	-1.12	- 3.6	6.1/16.0	25536
1989 VN ₅	96 08 20.1	21 58.83	-11 25.9	17.3	-0.98	- 4.5	0.3/20.4	23133
4556 P-L	96 08 20.2	21 58.94	-17 33.1	17.2	-0.82	- 4.0	1.8/18.7	19875
1989 SE ₈	96 08 20.2	21 59.17	-13 33.1	16.7	-1.01	- 2.8	0.5/20.0	27728
1992 SN	96 08 20.4	21 59.78	-08 35.3	15.7	-0.93	- 2.0	1.5/21.4	27729
1988 SF ₃	96 08 20.7	22 00.66	-38 36.0	17.6	-1.06	- 3.8	8.8/12.4	25439
1979 SP ₁₄	96 08 20.8	22 01.39	-14 45.7	16.5	-0.74	- 4.7	0.8/20.1	27118
(6373)	96 08 20.9	22 01.55	-22 01.2	16.4	-1.02	- 1.1	3.4/18.5	25197
(6432)	96 08 21.0	22 02.09	-13 54.1	15.9	-0.74	- 5.6	0.6/20.5	25317
(6413)	96 08 21.1	22 02.20	-20 21.8	15.8	-1.06	- 4.4	3.5/18.8	25206
4014 P-L	96 08 21.2	22 02.75	-15 25.2	16.6	-1.12	- 2.2	1.5/20.4	22821
1981 EL ₂₇	96 08 21.4	22 03.52	-08 35.4	19.0	-0.83	- 5.4	1.2/22.5	26920
1985 SR	96 08 21.6	22 04.40	-17 46.4	15.8	-0.92	- 3.7	2.8/20.0	22077
1990 YC	96 08 21.8	22 04.91	-16 50.6	16.3	-1.02	- 6.3	2.2/20.4	25440
1991 SR ₃	96 08 21.8	22 05.09	-40 06.8	17.6	-1.04	- 0.5	7.9/13.6	25639
1986 AW ₂	96 08 21.9	22 05.47	-17 32.3	17.3	-0.82	- 8.6	1.7/20.1	25537
1987 YU ₁	96 08 22.0	22 05.50	+15 01.2	17.4	-0.50	- 2.8	5.0/31.4	16428
(7102)	96 08 22.1	22 06.15	+07 59.0	15.5	-0.99	+ 2.1	7.6/27.0	27696
4025 P-L	96 08 22.2	22 06.22	-01 11.3	17.6	-0.91	- 7.9	4.4/25.5	25341
1991 PG ₅	96 08 22.2	22 06.47	-10 03.8	18.4	-0.80	- 4.5	0.6/22.7	27712
4008 T-3	96 08 22.4	22 07.05	-18 37.3	16.8	-1.02	- 6.7	2.7/20.3	17221
(6501)	96 08 22.4	22 07.11	-11 41.8	16.6	-0.85	- 9.3	0.0/22.4	25422
1988 XH ₁	96 08 22.4	22 07.27	-36 40.7	14.8	-0.86	- 5.7	10.5/13.5	25439
1995 BH ₂	96 08 22.6	22 07.89	-13 51.0	17.7	-0.97	- 5.9	0.8/22.0	25084
1981 EF ₉	96 08 22.6	22 07.91	-06 18.3	18.1	-0.99	- 4.3	2.0/24.1	26916
1983 RE	96 08 22.7	22 08.21	-03 35.6	15.4	-1.04	- 2.8	3.8/24.8	25647
1981 EM ₄₅	96 08 22.8	22 08.50	-11 57.9	18.3	-0.98	0.0	0.2/22.7	23245
4216 T-2	96 08 22.8	22 08.52	-07 00.3	17.2	-0.60	- 5.7	1.2/24.3	21978
(6386)	96 08 22.8	22 08.66	-21 39.0	13.8	-0.77	-13.5	5.1/18.8	25201
1981 EG ₁₃	96 08 22.8	22 08.72	-07 37.7	18.4	-1.03	- 2.8	1.5/23.9	26917
1994 BT	96 08 22.8	22 08.73	-20 29.1	17.8	-0.92	- 2.6	2.8/20.4	23243
1981 EK ₂₁	96 08 22.8	22 08.76	-15 17.2	18.0	-0.93	- 2.1	1.4/21.9	26919
1981 EU ₃₇	96 08 22.9	22 08.81	-04 25.2	20.2	-0.85	- 4.1	2.4/25.0	22430
1317 T-2	96 08 23.0	22 09.48	-20 47.7	18.6	-1.01	- 2.0	4.0/20.6	22432

1981 EJ ₁₆	96 08 23.1	22 09.53	-14 31.5	18.8	-1.06	- 1.6	1.4/22.3	27709
1983 RZ ₁	96 08 23.1	22 09.61	-18 14.6	15.6	-0.95	- 1.6	3.7/21.3	27454
1990 BZ	96 08 23.1	22 09.81	-01 35.2	16.7	-1.05	+ 0.5	3.8/25.4	27728
1990 EN ₁	96 08 23.2	22 09.97	+00 28.7	17.6	-0.80	- 5.0	3.8/27.0	25213
1994 EF (6424)	96 08 23.3	22 10.43	-00 54.8	18.0	-0.94	- 1.8	3.5/26.1	25442
1979 QT ₈	96 08 23.4	22 10.80	-13 09.1	15.4	-0.72	- 7.8	0.6/22.8	25209
1985 TR	96 08 23.5	22 11.31	-11 59.7	15.8	-0.94	- 2.8	0.4/23.4	24758
1981 EY ₂₈	96 08 23.6	22 11.39	-15 52.9	16.6	-0.98	- 4.2	1.8/22.3	27726
1996 PL ₂	96 08 23.6	22 11.78	-13 32.3	16.4	-1.11	+ 2.9	1.0/23.2	26920
1979 MK ₃	96 08 23.8	22 12.15	-15 06.5	18.2	-0.92	- 7.5	1.6/22.6	27723
1981 EC ₂₇	96 08 23.9	22 12.54	-13 45.5	17.6	-0.73	- 5.4	0.7/23.1	25536
1991 RQ ₇	96 08 23.9	22 12.60	-12 02.0	17.1	-0.83	- 5.3	0.4/23.6	22074
6214 P-L	96 08 23.9	22 12.79	-02 12.8	14.9	-0.88	+ 1.1	3.9/26.2	27729
1981 ES ₂₁	96 08 23.9	22 12.81	-03 41.3	18.1	-0.92	- 5.7	2.8/26.2	25442
4090 T-2	96 08 24.0	22 12.97	-20 28.8	17.9	-1.01	- 1.5	3.1/21.6	22949
1993 UZ ₅	96 08 24.0	22 12.99	-16 21.2	18.2	-0.91	- 6.1	2.1/22.4	27724
1981 EF ₂₀	96 08 24.1	22 13.49	-15 35.8	18.8	-0.93	- 7.6	1.8/22.7	27716
1994 CL ₂	96 08 24.3	22 14.18	-07 30.8	19.1	-0.78	- 6.7	1.1/25.5	26918
1981 EN ₃₁	96 08 24.3	22 14.20	-14 47.1	17.6	-0.86	- 6.1	1.3/23.2	23539
1991 RL ₅	96 08 24.5	22 14.67	-09 35.4	17.8	-0.84	- 8.0	0.6/24.9	26921
1981 EW ₃₈	96 08 24.6	22 15.33	-24 05.4	16.5	-0.91	- 2.4	4.4/20.8	25538
2061 P-L	96 08 24.7	22 15.71	-05 23.6	19.0	-0.84	- 3.9	1.8/26.4	22697
1993 UF ₇	96 08 24.8	22 16.12	-08 53.3	17.2	-1.02	- 3.4	0.7/25.4	25075
1995 DB ₃	96 08 25.0	22 16.52	-11 42.0	16.8	-0.93	- 8.2	0.4/24.7	27716
1994 AZ ₂	96 08 25.1	22 17.20	+23 40.3	18.9	-1.02	- 6.5	14.3/06.5	25433
1989 SV ₃	96 08 25.2	22 17.19	+01 36.1	17.6	-0.86	- 2.8	3.6/28.7	23686
1990 FM ₁	96 08 25.3	22 17.95	-09 32.6	18.3	-0.92	- 7.8	0.4/25.7	23123
1981 EK ₂	96 08 25.4	22 18.20	-16 48.5	17.0	-0.79	- 6.1	1.8/23.4	27728
6073 P-L	96 08 25.5	22 18.45	+03 11.0	17.8	-0.83	- 3.7	5.2/29.7	26914
1966 BL	96 08 25.6	22 19.03	-11 42.5	17.3	-0.88	- 3.4	0.4/25.3	23135
1979 MM ₆	96 08 25.7	22 19.04	-04 23.5	17.0	-0.84	- 3.3	1.8/27.5	23682
6840 P-L	96 08 25.7	22 19.22	-03 58.4	18.6	-0.73	- 4.5	1.9/27.8	26394
1981 EY ₁₄	96 08 25.7	22 19.25	-14 21.0	18.2	-0.85	- 5.9	1.6/24.5	23986
1995 DF	96 08 25.7	22 19.45	-05 00.1	18.2	-0.98	- 4.7	2.0/27.4	22823
6055 P-L (7122)	96 08 25.8	22 19.64	-15 00.9	18.3	-0.98	- 6.9	1.7/24.4	25071
1985 UQ ₄ (6354)	96 08 25.9	22 20.17	-09 58.4	18.4	-0.97	- 4.2	0.2/26.1	27732
1981 EX ₁₂	96 08 26.0	22 20.27	-10 58.2	15.5	-1.01	- 4.4	0.3/25.9	27701
1979 MK ₅	96 08 26.0	22 20.27	-12 23.8	15.9	-0.73	- 4.9	0.6/25.4	22077
1995 DC	96 08 26.2	22 20.88	-46 38.5	16.6	-1.10	- 3.5	10.0/13.5	25193
1993 YN ₂	96 08 26.2	22 21.05	+05 05.7	18.7	-0.76	- 7.2	5.3/31.6	26917
1995 GJ ₇	96 08 26.2	22 21.05	-06 11.1	18.2	-0.85	- 5.3	1.4/27.5	25423
1981 EC ₂	96 08 26.3	22 21.65	-15 56.6	19.0	-0.95	- 3.7	1.9/24.8	25084
1995 JD	96 08 26.4	22 21.67	-05 16.0	18.7	-0.95	- 5.1	1.8/27.9	23342
1981 ES ₂	96 08 26.4	22 21.74	-21 12.1	16.8	-0.97	- 2.4	3.8/23.4	25434
1981 EL ₃	96 08 26.4	22 21.76	-05 50.1	16.0	-0.93	- 2.0	1.4/27.6	27725
1991 PQ ₁	96 08 26.5	22 22.03	-04 17.1	19.4	-0.81	- 5.3	1.7/28.4	27718
4320 T-1	96 08 26.5	22 22.25	+01 18.3	19.1	-0.99	- 3.7	4.5/29.8	26915
1985 SG ₃	96 08 26.5	22 22.25	+00 19.3	19.4	-0.86	- 3.2	3.5/29.8	26915
	96 08 26.8	22 23.21	-10 28.4	16.2	-0.78	- 5.6	0.1/26.7	27728
	96 08 26.8	22 23.49	-15 54.3	18.1	-1.01	- 5.0	2.2/25.2	25341
	96 08 26.9	22 23.58	+10 57.0	15.8	-0.66	- 5.5	7.9/03.7	27709

1990 BH ₁	96 08 27.0	22 24.05	-18 55.1	17.4	-0.87	- 4.9	2.8/24.3	23349
1981 EZ ₄₀	96 08 27.1	22 24.25	-13 20.3	17.0	-1.02	- 1.2	1.7/26.3	26922
1984 SN ₆	96 08 27.2	22 24.64	-15 33.5	16.5	-0.90	- 4.9	1.9/25.5	25211
4232 T-1	96 08 27.2	22 24.71	-18 24.5	18.5	-0.87	- 3.3	2.5/24.7	25085
1979 MR ₆ (6380)	96 08 27.3	22 24.97	-08 28.2	18.3	-0.94	- 7.9	0.6/27.8	27725
1995 DJ ₁ (7124)	96 08 27.3	22 25.00	-08 12.1	17.7	-0.93	- 7.6	0.6/27.9	25199
1981 EV ₄₁	96 08 27.4	22 25.34	-08 24.8	15.6	-0.94	- 4.5	0.6/27.9	27731
1993 TN ₁	96 08 27.5	22 25.76	+16 39.4	15.6	-0.81	- 1.3	8.1/04.9	27702
1978 RM ₇	96 08 27.5	22 25.76	-09 15.9	18.5	-0.86	- 4.0	0.2/27.7	22430
1993 TQ ₂₃	96 08 27.5	22 26.00	-14 25.7	15.3	-0.77	- 7.5	2.5/26.0	25082
1993 TJ ₂₄	96 08 27.7	22 26.36	-06 56.6	17.3	-0.95	- 5.8	1.2/28.6	27725
1989 UE	96 08 27.7	22 26.68	-12 24.0	17.3	-0.98	- 6.3	1.0/27.0	25228
2177 P-L	96 08 27.8	22 26.74	-12 15.5	18.2	-0.94	- 7.0	1.2/27.0	27715
1993 TU ₂₀	96 08 27.9	22 27.44	-16 37.6	15.8	-0.93	- 5.7	3.2/25.8	23684
1981 ES ₃₇	96 08 28.1	22 28.09	-07 33.4	19.6	-0.80	- 4.6	0.6/28.8	23680
1992 GG ₃	96 08 28.1	22 28.19	-22 43.8	18.1	-1.07	- 3.3	4.7/24.5	25340
2144 T-1	96 08 28.3	22 28.71	-03 04.3	20.9	-0.94	- 6.0	2.3/30.3	26922
1981 ET ₂₄ (7127)	96 08 28.3	22 28.94	-07 52.4	16.9	-0.99	- 5.7	0.7/28.9	27729
1981 EV ₁₀	96 08 28.4	22 28.95	-08 16.8	18.0	-0.89	- 8.9	0.5/28.8	27732
1981 US ₁₄	96 08 28.5	22 29.45	-04 28.7	17.5	-0.88	- 8.4	1.9/30.2	22492
1981 EK ₁₉	96 08 28.5	22 29.57	+01 33.0	17.9	-0.74	- 6.2	3.4/01.4	27702
1982 RW ₁	96 08 28.5	22 29.64	-00 34.6	19.3	-0.94	- 5.7	3.6/31.3	22270
1985 RM ₆	96 08 28.7	22 30.04	-14 38.7	15.8	-0.88	- 5.4	2.3/27.1	23245
1981 EL ₁₅	96 08 28.7	22 30.34	-09 24.4	17.3	-1.02	- 2.3	0.0/28.8	27726
1990 BB ₂	96 08 28.8	22 30.49	-16 20.4	16.5	-0.97	- 1.5	3.5/26.9	27726
1981 EJ ₃	96 08 28.8	22 30.58	-09 05.4	16.3	-0.74	- 4.4	0.1/28.9	22683
1993 TU	96 08 28.9	22 30.75	-02 24.2	19.4	-0.83	- 4.7	2.3/31.1	26918
1993 UN	96 08 29.0	22 31.16	+00 54.8	16.9	-0.94	- 2.2	3.4/31.9	25649
1995 DZ ₂	96 08 29.1	22 31.88	-00 03.6	18.1	-0.96	- 1.6	3.3/31.6	26915
1982 VB ₁	96 08 29.2	22 31.95	-09 01.4	15.4	-1.03	- 2.2	0.1/29.3	27715
1981 EO ₄₄	96 08 29.5	22 33.02	-09 55.3	16.1	-0.90	- 5.7	0.4/29.3	27730
1993 TM ₆	96 08 29.5	22 33.23	+25 04.2	20.3	-1.07	- 1.6	11.1/10.0	25433
1981 EW ₁₉	96 08 29.8	22 34.03	+01 51.1	16.1	-0.83	- 6.5	4.9/02.4	27726
1985 VB ₁	96 08 30.0	22 34.84	-08 27.1	19.3	-0.98	- 4.8	0.2/30.2	26923
1981 EN ₂₀	96 08 30.0	22 35.03	-10 05.0	18.3	-1.01	- 4.4	0.4/29.7	25216
5069 T-2	96 08 30.1	22 35.54	-10 20.7	18.4	-1.08	- 1.7	0.6/29.8	26918
2251 T-1	96 08 30.2	22 35.66	-24 32.1	17.1	-0.62	-16.2	5.6/23.4	27305
4250 T-3	96 08 30.2	22 35.72	-09 30.8	19.0	-0.97	- 7.1	0.3/30.1	26918
1994 CY ₁₁	96 08 30.4	22 36.38	+04 22.2	17.1	-0.80	- 4.8	5.1/03.6	23540
1989 TH ₃	96 08 30.4	22 36.38	-12 39.3	18.4	-0.84	- 4.0	1.3/29.3	22087
6676 P-L	96 08 30.4	22 36.57	-10 32.5	16.8	-0.80	- 7.5	0.8/29.9	16884
1973 SJ ₁	96 08 30.6	22 37.04	-12 34.6	19.2	-0.93	- 4.4	1.3/29.5	23864
1981 DB ₂	96 08 30.7	22 37.41	-12 39.3	18.2	-0.72	- 7.3	2.0/29.4	25328
1992 EK ₁	96 08 30.7	22 37.50	-08 55.2	18.8	-0.77	- 4.3	0.1/30.7	14962
1989 YA ₂	96 08 30.7	22 37.54	-07 11.1	17.9	-0.58	- 3.9	0.3/31.3	22072
1973 SH ₁	96 08 30.7	22 37.65	-00 41.0	18.8	-0.86	- 3.9	2.4/02.2	26914
1995 BR ₃	96 08 31.0	22 38.38	-07 44.8	15.0	-1.10	- 2.4	0.4/31.2	27729
5030 T-2	96 08 31.0	22 38.58	-00 53.7	17.9	-0.90	- 4.3	2.5/02.4	23349
	96 08 31.0	22 38.62	-12 01.5	16.7	-0.49	- 3.2	0.6/29.9	27725
	96 08 31.0	22 38.66	-07 54.8	16.9	-0.92	- 6.8	0.3/31.3	25084
	96 08 31.1	22 38.71	+02 54.5	19.0	-0.50	- 2.1	2.0/03.9	15258

1978 VO ₄	96 08 31.1	22 38.95	-15 21.9	16.7	-0.89	- 5.7	3.0/29.0	24893
4601 P-L	96 08 31.3	22 39.72	-13 11.8	17.7	-0.80	- 4.9	1.4/29.8	23540
1298 T-2	96 08 31.3	22 39.75	-06 11.6	17.7	-0.92	- 8.3	0.9/01.1	23131
(6505)	96 08 31.6	22 40.64	+17 18.5	16.3	-0.72	- 3.1	6.2/09.4	25519
(6367)	96 08 31.6	22 40.93	-11 10.5	15.5	-0.98	- 4.9	1.3/30.9	25196
1994 BA ₁	96 08 31.7	22 40.94	-14 12.3	17.9	-0.96	- 3.2	2.1/30.0	23343
1994 AM ₁	96 09 01.1	22 42.57	+02 45.8	17.4	-0.94	- 3.6	4.8/04.4	23676
1981 DF ₃	96 09 01.2	22 42.86	+01 22.0	18.6	-0.94	- 2.4	3.4/04.0	26914
1973 SA ₂	96 09 01.3	22 43.40	-15 47.0	17.8	-0.50	- 3.0	1.4/29.7	27725
(6448)	96 09 01.4	22 43.76	-14 23.1	15.9	-0.94	- 8.0	2.7/30.4	25321
1992 UH ₄	96 09 01.5	22 43.83	-34 39.7	15.7	-0.88	- 3.8	11.1/22.9	21590
1981 EZ ₁₁	96 09 01.5	22 44.04	-06 42.1	18.2	-1.00	- 4.2	0.5/01.9	22808
1981 ED ₃₇	96 09 01.6	22 44.21	-15 35.2	15.8	-0.90	- 1.9	3.9/30.5	21967
(6296)	96 09 01.9	22 45.47	-45 39.9	16.3	-1.19	-13.5	15.6/17.0	25047
1981 EL ₄₄	96 09 02.1	22 46.32	+00 32.9	19.7	-1.02	- 2.3	3.8/04.5	26923
4186 P-L	96 09 02.5	22 47.47	-04 20.3	17.5	-0.80	- 5.9	1.5/03.6	25341
1994 AE ₁₁	96 09 02.5	22 47.50	-16 21.2	17.8	-0.92	- 5.8	3.3/30.7	25083
1994 CJ ₁₁	96 09 02.6	22 48.15	-14 46.7	17.8	-0.75	-12.2	2.3/30.9	27730
1993 AN	96 09 02.7	22 48.29	-10 55.0	17.7	-0.73	- 4.8	0.9/01.6	22086
2281 T-1	96 09 02.7	22 48.33	-07 10.9	16.8	-0.77	- 6.7	0.1/02.9	25436
1992 EJ ₄	96 09 02.7	22 48.38	-11 33.2	16.5	-0.99	- 6.7	1.8/01.5	25650
1989 TE	96 09 02.7	22 48.41	+01 28.2	15.8	-0.71	- 2.8	5.0/05.7	27728
(7109)	96 09 02.8	22 48.51	+04 25.6	15.9	-0.71	- 8.8	4.8/07.3	27698
1981 ET ₁₇	96 09 02.8	22 48.51	-05 39.4	17.4	-0.89	- 5.1	0.7/03.4	21561
1981 EK ₃₂	96 09 02.8	22 48.55	+03 18.2	19.7	-0.92	- 6.0	4.5/06.3	26921
1979 OQ ₅	96 09 02.8	22 48.83	-02 31.4	16.7	-0.77	- 3.6	1.5/04.5	21965
1994 CS	96 09 03.0	22 49.39	-10 54.3	17.9	-0.71	- 5.9	0.9/01.9	27730
1993 TL ₅	96 09 03.0	22 49.58	-05 22.0	18.1	-1.01	- 4.7	0.8/03.7	24898
1991 RK ₅	96 09 03.3	22 50.47	-18 09.2	15.6	-0.90	- 1.1	3.8/31.3	27120
1995 HR	96 09 03.4	22 51.01	+03 35.1	16.4	-0.69	- 7.7	3.5/07.5	25539
1981 EC ₃₈	96 09 03.5	22 51.38	-02 28.3	18.0	-0.89	- 6.0	2.2/05.1	26922
1992 SW ₁₀	96 09 03.6	22 51.63	-19 01.9	16.7	-0.99	- 2.8	4.1/31.2	23538
1981 DT ₁	96 09 03.7	22 51.91	+05 09.4	19.4	-0.81	- 5.3	3.7/07.9	26914
1977 RK	96 09 03.7	22 52.25	-48 56.5	16.9	-1.65	+ 2.7	18.5/22.7	27323
1976 YA ₆	96 09 03.8	22 52.14	-31 24.3	15.9	-0.95	- 3.9	8.3/26.9	25438
6644 P-L	96 09 03.8	22 52.23	-08 34.1	17.4	-0.77	- 8.6	0.6/03.3	27732
1989 VQ ₁	96 09 03.9	22 52.56	-10 37.0	18.0	-0.86	- 7.9	1.2/02.8	21572
1993 AD	96 09 03.9	22 52.56	-05 06.1	17.5	-0.89	- 2.8	0.7/04.5	27730
3224 T-3	96 09 03.9	22 52.73	-06 45.9	18.0	-0.93	- 8.0	0.2/04.1	27732
1981 EY ₉	96 09 03.9	22 52.87	-02 26.0	18.0	-1.00	- 4.8	1.8/05.4	22968
1973 SO ₁	96 09 04.0	22 52.84	-04 22.9	17.5	-0.46	- 3.7	0.5/05.0	18280
1979 MK ₇	96 09 04.0	22 52.88	-03 13.6	18.7	-0.72	- 4.7	1.1/05.3	21560
1991 RD ₁₂	96 09 04.0	22 53.24	-10 20.0	17.0	-0.79	- 5.9	1.1/03.0	23349
1993 SQ ₁₀	96 09 04.1	22 53.18	-09 37.6	16.9	-1.05	- 4.7	1.0/03.4	25228
1973 SF ₆	96 09 04.2	22 53.76	-02 20.2	14.7	-0.68	-11.2	2.3/06.1	22967
1995 DO ₁	96 09 04.3	22 54.29	-13 42.4	17.4	-0.97	- 4.4	2.4/02.4	25072
1985 TD ₃	96 09 04.5	22 54.73	+24 02.5	16.6	-0.68	- 7.2	10.1/17.2	27726
1981 ER ₃₈	96 09 04.6	22 55.13	+01 29.5	18.8	-0.78	- 8.4	2.8/07.6	26922
1989 UA ₆	96 09 04.8	22 55.87	-12 08.6	16.6	-0.64	- 3.6	1.4/03.1	22081
1984 DB	96 09 04.8	22 55.98	-11 31.8	18.0	-0.87	-14.8	1.7/03.0	27726
1991 RV ₃	96 09 04.9	22 56.25	-06 17.0	16.9	-0.84	- 2.2	0.2/05.1	25227

1993 UR ₂	96 09 04.9	22 56.26	-05 19.2	16.7	-0.90	- 8.9	0.6/05.4	25069
1991 GA ₇	96 09 05.0	22 56.49	-03 24.7	18.5	-0.88	- 6.7	1.1/06.1	25064
1992 WN ₃	96 09 05.0	22 56.74	-24 11.1	16.1	-0.90	- 5.0	6.5/30.1	21799
1991 RP ₂₅	96 09 05.1	22 57.06	-23 32.0	16.9	-0.86	- 2.8	5.0/30.8	22494
1993 TY ₂₄	96 09 05.2	22 57.47	-04 54.6	18.2	-0.91	- 7.9	0.8/05.9	23125
1991 DM	96 09 05.2	22 57.55	-07 47.3	17.1	-0.92	- 6.1	0.4/04.9	22814
1979 MF	96 09 05.3	22 57.80	-07 01.6	16.9	-0.95	- 9.1	0.2/05.2	23132
1981 EL ₁₀	96 09 05.3	22 57.88	-00 42.6	17.7	-0.86	- 3.7	2.2/07.2	22968
1979 SK	96 09 05.5	22 58.67	-01 11.4	16.1	-0.87	- 2.9	2.8/07.2	27725
1991 SC ₂	96 09 05.6	22 58.85	-09 45.1	16.9	-0.77	- 5.5	1.1/04.6	25081
(6502)	96 09 05.6	22 58.95	-08 16.6	15.3	-0.85	- 9.1	0.8/05.1	25422
5058 T-2	96 09 05.8	22 59.63	+04 50.2	17.8	-0.81	- 4.4	3.5/09.6	23131
1989 TD	96 09 05.9	22 59.92	-01 39.6	15.8	-0.79	- 1.7	2.6/07.4	21973
1981 EN ₂₃	96 09 06.0	23 00.18	-06 20.7	19.7	-0.99	- 5.3	0.0/06.0	24894
3282 T-2	96 09 06.0	23 00.30	-14 45.7	18.3	-0.96	- 3.5	3.4/03.6	15085
1979 SD ₉	96 09 06.0	23 00.39	-10 20.6	16.3	-0.77	- 4.2	1.4/04.8	21965
7081 P-L	96 09 06.1	23 00.51	-07 13.5	18.4	-1.07	- 3.8	0.4/05.9	22822
1981 EL ₂₁	96 09 06.6	23 02.25	-03 22.7	16.3	-0.80	- 5.8	1.0/07.5	25078
1986 QA ₃	96 09 06.6	23 02.45	-09 12.5	16.3	-0.94	- 6.1	1.4/05.7	25338
1989 YF ₁	96 09 06.6	23 02.62	+07 42.2	17.7	-0.91	- 3.6	4.8/11.0	23337
1981 EG ₂₄	96 09 06.8	23 03.03	-04 27.5	18.9	-0.84	- 4.7	0.6/07.3	21967
1995 FZ	96 09 06.9	23 03.31	-10 01.4	17.4	-0.95	- 5.5	1.5/05.7	27718
(6405)	96 09 06.9	23 03.54	-12 42.4	15.3	-0.94	- 7.3	2.7/04.8	25204
1995 CM	96 09 07.0	23 03.84	-11 59.7	17.8	-1.01	- 4.4	2.1/05.3	24907
1983 CQ ₂	96 09 07.9	23 07.00	-05 36.7	16.3	-0.74	- 4.7	0.0/07.9	23336
1992 YE ₃	96 09 07.9	23 07.28	-20 54.2	16.7	-0.72	- 5.2	3.9/02.6	23520
1987 MK	96 09 08.0	23 07.41	+01 26.4	15.5	-1.03	+ 1.6	3.1/09.8	27727
1981 EM ₂₉	96 09 08.0	23 07.42	+03 13.2	19.3	-0.99	- 4.5	3.5/11.0	26920
1978 VW ₄	96 09 08.1	23 07.96	-08 18.3	17.9	-0.95	- 5.3	1.1/07.3	25210
1991 RE ₁₆	96 09 08.3	23 08.43	-09 19.2	16.2	-0.71	- 7.6	1.1/07.0	27729
2257 T-2	96 09 08.5	23 09.13	-09 02.9	18.0	-0.93	- 4.7	1.2/07.4	22701
3086 P-L	96 09 08.6	23 09.73	+09 37.5	16.5	-0.75	- 5.2	4.9/13.9	20037
(6445)	96 09 08.8	23 10.19	-19 48.2	16.5	-0.81	- 8.5	4.7/03.5	25320
1981 ES ₄₂	96 09 08.8	23 10.21	-07 02.1	19.0	-0.87	- 4.9	0.6/08.3	21968
1991 VX ₂	96 09 08.9	23 10.71	+00 03.9	16.1	-0.77	- 3.5	1.8/10.7	21944
1987 BB	96 09 08.9	23 10.86	-05 30.8	17.8	-0.92	- 5.9	0.1/08.9	25079
1994 CC ₁₈	96 09 08.9	23 10.94	-10 55.8	16.3	-1.10	+ 0.1	2.3/07.6	23785
(6370)	96 09 09.0	23 11.27	-14 48.9	16.6	-1.02	- 3.4	3.7/06.3	25197
1988 RV ₁₂	96 09 09.5	23 13.00	+01 47.1	18.8	-0.54	- 5.5	1.4/12.1	15715
1989 TO	96 09 09.7	23 13.37	+01 31.0	15.2	-1.50	+ 5.5	3.0/10.8	23789
(6377)	96 09 09.8	23 13.88	-21 44.4	16.3	-0.82	- 8.5	5.7/03.7	25198
1988 VM ₂	96 09 09.8	23 13.89	-29 39.2	16.2	-1.06	- 2.6	10.7/32.0	22969
(6545)	96 09 10.1	23 14.88	+10 53.0	16.8	-0.51	- 2.6	2.9/15.7	25628
1981 QE	96 09 10.2	23 15.57	-03 14.0	15.4	-0.79	- 5.8	0.7/10.8	25338
1981 DP	96 09 10.3	23 15.57	+07 58.4	18.7	-0.91	- 7.4	4.7/14.7	26914
1993 TZ ₃₂	96 09 10.3	23 15.75	-08 41.5	17.3	-0.95	- 7.3	1.7/09.1	25332
1981 DW ₂	96 09 10.4	23 15.87	+07 36.9	18.3	-0.90	- 5.8	5.4/14.5	26914
1977 QQ ₂	96 09 10.4	23 15.93	-00 16.5	14.8	-0.95	- 5.7	2.2/11.8	23856
1991 EL	96 09 10.5	23 16.55	+24 28.7	19.0	-0.52	- 1.9	4.7/21.8	18437
1986 QT	96 09 10.5	23 16.57	-09 00.1	16.3	-0.92	- 7.1	2.0/09.2	24911
1990 KN ₁	96 09 10.6	23 16.74	+31 08.9	19.2	-1.06	- 7.0	15.2/25.1	25213

1981 WO	96 09 10.6	23 16.90	-16 09.2	16.7	-0.87	- 2.3	3.6/07.2	25536
1988 SQ	96 09 10.7	23 17.14	-07 03.8	15.9	-0.73	- 1.5	0.7/10.0	27727
1981 EE ₄₅	96 09 11.0	23 18.13	-12 11.4	17.1	-0.95	- 1.9	2.7/08.8	26923
1992 FS ₁	96 09 11.0	23 18.14	-17 43.5	15.2	-0.92	- 6.7	5.9/06.6	25227
6591 P-L	96 09 11.2	23 19.14	-09 40.8	17.6	-0.50	- 2.4	0.9/09.5	24585
1993 TP ₂₄	96 09 11.3	23 19.12	-04 40.5	16.6	-0.93	- 8.7	0.1/11.2	24914
1991 PN ₇	96 09 11.3	23 19.13	-08 44.9	17.2	-0.81	- 4.7	1.4/09.9	25214
1985 TQ ₁	96 09 11.4	23 19.60	-13 22.2	15.9	-0.83	- 2.1	2.9/08.7	23683
1981 EW ₂₈	96 09 11.4	23 19.81	+00 51.0	18.9	-0.97	- 5.4	2.0/13.1	26920
1991 EN	96 09 11.5	23 19.86	+20 22.9	17.5	-0.54	- 1.8	4.4/20.6	26420
(6382)	96 09 11.6	23 20.63	-05 34.8	14.9	-1.70	+ 5.3	0.7/11.5	25199
1993 XB ₁	96 09 11.7	23 20.76	-15 24.4	17.2	-0.88	- 5.2	3.8/08.1	25442
1981 EV ₈	96 09 11.7	23 20.85	+04 32.2	16.4	-0.72	- 8.9	4.3/15.1	25438
1994 CV ₁₆	96 09 11.8	23 21.11	-08 39.5	17.9	-0.77	- 5.3	1.4/10.3	24395
1971 SX ₃	96 09 11.9	23 21.44	+03 41.5	16.2	-0.77	- 9.1	2.6/14.8	27724
1981 EC ₂₁	96 09 11.9	23 21.68	-07 31.5	18.4	-0.91	- 4.0	1.2/10.9	21967
1989 CH	96 09 12.0	23 21.69	-16 29.9	17.4	-0.74	- 7.3	3.3/07.5	23789
1992 SG ₁	96 09 12.1	23 22.16	-07 31.0	15.7	-0.67	-14.4	1.4/10.7	27729
4172 T-2	96 09 12.2	23 22.75	-10 09.4	17.8	-0.88	- 6.1	2.0/10.3	25436
1992 ST	96 09 12.3	23 22.96	-17 43.2	15.4	-1.03	- 1.0	7.1/08.2	27714
1992 OY ₂	96 09 12.6	23 24.19	-09 35.5	16.3	-0.75	- 7.9	2.6/10.6	21977
1995 EY ₈	96 09 12.7	23 24.54	-04 32.7	17.9	-1.03	- 3.9	0.3/12.6	25433
1996 MS	96 09 12.8	23 24.83	-16 14.6	17.7	-0.33	- 9.0	6.6/07.3	27721
(6467)	96 09 12.9	23 25.18	-01 00.5	15.6	-0.80	- 7.1	1.0/13.9	25412
1985 FE ₃	96 09 12.9	23 25.28	-18 12.3	16.5	-1.00	- 5.9	5.6/08.4	25225
1981 EH ₇	96 09 13.1	23 25.69	+08 45.6	19.1	-0.75	- 9.4	4.2/17.8	26916
1981 EO ₂₈	96 09 13.1	23 25.79	-05 02.9	18.2	-0.90	- 3.1	0.5/12.7	26920
1991 NE ₃	96 09 13.3	23 26.29	-05 58.3	15.7	-0.75	- 8.2	0.8/12.5	20023
1981 EW ₁₆	96 09 13.3	23 26.34	-00 03.5	20.2	-0.81	- 5.6	1.1/14.5	26918
(7130)	96 09 13.3	23 26.52	-10 06.0	16.7	-0.91	- 8.0	2.7/11.2	27703
1992 YS ₂	96 09 13.4	23 27.05	-08 51.1	16.4	-0.78	- 4.9	1.7/11.7	21977
1981 EF ₄₂	96 09 13.5	23 27.31	-05 46.5	18.5	-0.84	- 4.9	0.8/12.8	21968
1991 JJ	96 09 13.5	23 27.34	-27 10.6	16.0	-0.98	- 2.6	8.0/06.2	25426
1992 YG ₃	96 09 13.6	23 27.48	-05 27.9	16.9	-0.71	- 4.8	0.5/13.0	23790
1981 EN ₁₅	96 09 13.6	23 27.74	+00 44.8	18.6	-0.97	- 5.7	1.7/15.0	21967
1981 ED ₄	96 09 13.6	23 27.78	+05 07.8	21.9	-0.81	- 4.8	2.3/16.6	26915
1981 EU ₁₉	96 09 13.7	23 27.77	-02 27.8	16.7	-1.03	- 3.2	0.4/14.0	27726
1981 EQ ₁₅	96 09 14.0	23 28.87	+05 14.0	19.1	-0.83	- 6.4	2.9/16.9	26918
(6285)	96 09 14.0	23 28.89	-01 03.0	19.3	-0.81	- 5.6	0.7/14.8	25044
(6426)	96 09 14.1	23 29.49	-07 31.3	16.6	-0.95	- 5.1	1.6/12.9	25209
1977 EX	96 09 14.2	23 29.57	+12 17.7	16.8	-0.91	- 2.9	4.9/19.1	23535
1986 QN ₃	96 09 14.2	23 29.65	-10 23.5	16.1	-0.90	- 5.7	3.4/11.9	23132
1981 ER ₇	96 09 14.3	23 30.28	+03 58.5	19.0	-0.91	- 7.2	3.0/16.8	26916
1988 VR ₅	96 09 14.4	23 30.47	+15 43.9	16.3	-0.72	- 9.8	7.4/22.1	27727
1976 YO ₂	96 09 14.5	23 30.81	-25 11.9	16.7	-1.04	- 4.7	9.2/07.0	25438
1981 EF ₃	96 09 14.8	23 32.03	+08 28.5	19.0	-0.93	- 6.8	4.4/18.8	26915
1981 EN ₂₅	96 09 15.0	23 32.47	-03 01.7	18.4	-0.92	- 7.5	0.0/15.0	26919
6058 P-L	96 09 15.3	23 33.69	-00 36.5	17.5	-0.99	- 1.8	1.0/16.0	19875
1988 MF	96 09 15.3	23 33.85	-47 30.2	16.0	-1.14	- 9.1	19.1/27.0	27727
1994 CX ₂	96 09 15.4	23 34.09	-06 43.9	16.8	-0.76	- 5.3	1.2/14.1	23870
1994 FN	96 09 16.2	23 36.70	-06 44.9	16.9	-0.80	- 4.6	1.3/14.8	25539

1991 RX ₄	96 09 16.3	23 37.22	+04 26.7	17.5	-0.70	- 7.4	2.2/18.9	20508
(6418)	96 09 16.3	23 37.29	+07 52.2	15.3	-0.88	- 7.8	4.5/19.9	25208
1981 EH ₈	96 09 16.3	23 37.33	+04 32.5	19.9	-1.02	- 4.0	2.5/18.5	26916
2289 T-1	96 09 16.4	23 37.59	-09 48.8	18.1	-0.89	- 3.0	2.3/14.2	22087
1981 EL ₂₆	96 09 16.4	23 37.67	-02 45.2	17.6	-1.09	- 2.5	0.1/16.4	26920
4283 T-1	96 09 16.5	23 37.79	-11 40.9	17.0	-1.09	- 2.8	4.0/13.8	22972
1979 HN ₅	96 09 16.5	23 37.88	-15 19.5	15.1	-0.75	- 5.1	4.8/12.1	25326
1990 OH ₄	96 09 16.8	23 38.89	-00 47.1	16.9	-0.70	- 6.9	0.5/17.4	25440
1992 SN ₁	96 09 16.8	23 38.93	-12 44.6	14.9	-1.18	+ 2.5	4.6/14.4	23350
1991 NM ₆	96 09 16.8	23 38.95	-06 37.6	16.2	-0.77	- 7.3	1.5/15.3	25649
1990 YK	96 09 16.9	23 39.31	-02 22.8	16.9	-0.95	- 7.2	0.1/16.9	22826
1992 YL ₂	96 09 16.9	23 39.55	-20 02.7	16.0	-0.78	- 4.9	5.3/10.7	23341
4171 T-2	96 09 16.9	23 39.55	-08 00.2	18.0	-0.85	- 7.5	2.2/15.0	25224
1996 MR	96 09 17.0	23 39.61	-10 01.5	16.8	-0.41	- 7.0	4.4/13.8	27731
6541 P-L	96 09 17.1	23 40.04	-05 52.7	18.7	-0.46	- 3.9	0.7/15.8	22694
(6471)	96 09 17.2	23 40.36	-02 48.7	17.6	-0.88	- 6.8	0.2/17.0	25413
1992 SJ ₂₆	96 09 17.4	23 41.36	-16 33.3	17.1	-0.96	- 0.2	6.8/13.3	25641
1987 HK	96 09 17.4	23 41.37	-00 42.8	16.3	-0.87	- 5.3	0.5/17.9	23132
1985 UF ₅	96 09 17.5	23 41.67	+02 04.2	16.3	-0.86	- 7.7	1.7/19.0	24759
1978 OP	96 09 17.6	23 41.84	-26 04.7	17.3	-0.80	- 6.2	9.1/08.7	23245
1979 QJ ₁	96 09 17.6	23 41.89	-08 01.0	17.1	-0.91	- 8.9	2.2/15.5	13598
1992 SF ₁₃	96 09 17.6	23 41.94	+00 11.4	16.7	-0.83	- 6.9	0.8/18.4	27729
1988 TN ₂	96 09 17.8	23 42.83	+08 03.7	15.8	-0.64	-15.2	4.0/22.1	27727
1991 GV ₈	96 09 17.9	23 42.92	+01 13.8	18.2	-0.91	- 5.5	1.1/18.9	25081
1982 SG ₁₂	96 09 17.9	23 43.06	+00 05.5	16.7	-0.84	- 9.7	0.8/18.7	27726
4050 P-L	96 09 18.0	23 43.17	+05 11.7	18.1	-0.71	- 7.3	2.1/20.6	21978
1978 UR ₄	96 09 18.2	23 44.31	+01 38.5	17.7	-0.97	- 5.2	1.4/19.3	23245
1996 QT	96 09 18.4	23 44.63	-16 15.9	16.6	-0.73	- 6.5	4.8/13.1	27723
1981 VU	96 09 18.5	23 45.08	+00 05.9	16.4	-0.85	- 6.8	0.7/19.1	25078
1981 EN ₄₁	96 09 18.6	23 45.42	-03 41.3	20.0	-0.81	- 5.7	0.7/17.9	26922
1986 TK ₁	96 09 18.6	23 45.71	+09 48.0	15.4	-0.88	- 4.9	5.7/22.5	27727
5023 P-L	96 09 18.7	23 45.80	+07 21.6	18.0	-0.85	- 8.7	3.7/21.9	15905
9602 P-L	96 09 18.7	23 45.84	-06 00.1	18.7	-0.47	- 3.8	0.8/17.1	22274
1981 EM ₁₈	96 09 18.8	23 46.39	+02 03.5	16.6	-1.02	- 4.2	1.3/19.9	27303
1987 SQ ₁₀	96 09 19.0	23 47.09	-08 03.3	17.4	-0.79	- 6.1	2.1/16.8	25973
3502 T-3	96 09 19.1	23 47.18	-03 52.3	19.0	-1.01	- 5.9	1.0/18.3	12802
1992 UG	96 09 19.1	23 47.26	-16 00.7	15.0	-0.78	- 4.6	6.9/14.0	25441
1979 MT ₄	96 09 19.1	23 47.32	+21 40.3	17.2	-0.93	- 3.2	8.9/26.7	22948
1995 BX ₁	96 09 19.1	23 47.49	-19 42.4	14.7	-0.82	- 7.7	8.7/12.6	24904
1991 VD ₂	96 09 19.2	23 47.53	-06 19.9	16.5	-0.75	- 5.2	1.7/17.5	21976
1240 T-1	96 09 19.2	23 47.59	-03 07.5	15.7	-0.94	- 0.8	0.7/18.7	27732
1981 EW ₃₃	96 09 19.2	23 47.59	+03 33.2	18.3	-0.81	- 5.6	1.9/20.9	11046
1988 VH ₁	96 09 19.2	23 47.79	+07 04.3	15.6	-0.83	- 6.3	3.7/22.1	27727
1994 EG ₁	96 09 19.4	23 48.47	-05 00.9	16.6	-0.76	- 9.4	1.2/18.1	25442
1980 WE ₅	96 09 19.4	23 48.58	+16 21.0	16.3	-0.70	- 6.8	5.3/26.1	23667
1981 EW ₆	96 09 19.5	23 48.79	+09 19.2	20.2	-0.98	- 5.5	3.9/22.9	26916
(6364)	96 09 19.8	23 49.95	-01 49.3	14.5	-0.99	+ 0.6	0.3/19.7	25195
1995 FH ₅	96 09 19.9	23 50.04	-04 08.0	16.6	-1.75	+14.8	1.7/19.7	25644
1981 EJ ₂₀	96 09 19.9	23 50.26	-01 39.4	17.9	-0.94	- 2.6	0.2/19.8	26918
(6410)	96 09 19.9	23 50.37	-18 17.5	15.2	-0.83	- 2.9	7.3/14.4	25206
1979 ME ₇	96 09 20.3	23 51.75	+22 52.7	17.0	-0.90	- 3.4	9.5/28.4	21100

4269 P-L	96 09 20.4	23 51.75	+05 14.1	18.5	-0.71	- 7.1	1.9/22.6	23686	1985 RZ ₁	96 09 24.9	00 07.92	-01 48.9	14.9	-0.86	- 2.3	1.4/24.1	25078
1973 SY	96 09 20.5	23 52.21	+04 35.0	17.1	-0.47	- 4.8	1.0/22.6	21963	1992 UA ₃	96 09 24.9	00 08.27	-04 08.1	16.5	-0.87	- 4.1	1.9/23.4	23992
1981 EM ₄₀	96 09 20.5	23 52.29	-05 07.9	18.4	-0.80	- 6.2	1.6/19.1	22271	1979 MU ₂	96 09 25.0	00 08.31	-02 26.1	17.6	-0.70	- 6.6	1.1/23.8	22696
3077 T-1	96 09 20.6	23 52.79	-01 12.5	18.4	-0.71	- 4.5	0.1/20.5	24409	1979 SW ₂	96 09 25.0	00 08.37	+00 08.7	15.6	-0.93	+ 0.1	0.3/24.8	21965
1981 ER ₃₃	96 09 20.6	23 52.87	+03 20.0	19.6	-0.91	- 7.9	1.5/22.1	26921	(6499)	96 09 25.0	00 08.65	-15 36.3	15.8	-0.89	- 2.7	5.9/20.0	25421
1985 GO	96 09 20.9	23 53.63	-08 42.1	16.9	-0.97	- 6.4	3.1/18.3	25225	1989 YL ₅	96 09 25.1	00 08.71	+03 40.0	17.2	-0.94	- 5.4	1.1/26.0	23537
5056 T-2	96 09 20.9	23 53.91	+10 18.9	18.1	-1.11	- 0.8	4.2/23.9	25085	1992 UZ	96 09 25.2	00 09.13	-26 30.1	14.8	-0.95	+ 4.5	13.8/17.9	25340
1992 SQ ₂₆	96 09 21.0	23 54.07	-07 50.3	16.7	-0.82	- 6.1	2.8/18.6	25641	1990 QF ₅	96 09 25.2	00 09.25	+05 50.2	16.6	-0.85	- 1.6	1.4/26.7	19304
1995 ED ₈	96 09 21.1	23 54.53	+05 13.4	17.2	-1.23	- 0.1	2.0/22.6	25222	1988 SZ ₂	96 09 25.2	00 09.28	-02 36.9	18.7	-0.59	- 4.1	0.8/24.0	20503
1991 LW	96 09 21.2	23 54.75	-20 23.0	17.8	-0.89	- 4.7	6.2/14.6	26420	1992 XD	96 09 25.3	00 09.63	+09 40.1	15.3	-0.83	- 4.8	3.6/28.2	21598
4213 P-L	96 09 21.3	23 55.15	+02 07.7	18.3	-0.85	- 2.7	0.9/22.2	24577	1981 DA ₁	96 09 25.3	00 09.70	+15 35.2	18.5	-0.79	- 7.4	4.6/30.7	26914
1994 FR	96 09 21.4	23 55.47	+01 06.5	16.8	-0.79	- 4.8	0.6/22.0	27730	1981 DP ₁	96 09 25.4	00 09.81	+13 03.0	18.0	-0.91	- 7.9	5.0/29.7	26914
1991 TQ	96 09 21.4	23 55.75	-11 34.4	17.2	-0.80	- 3.8	3.8/17.9	25538	1981 ES ₇	96 09 25.6	00 10.70	+06 29.3	19.6	-0.93	- 7.7	2.0/27.5	26916
2225 T-2	96 09 21.6	23 56.38	-01 33.1	18.4	-0.92	- 5.1	0.4/21.3	22701	1993 VY ₁	96 09 25.6	00 10.84	-04 13.6	15.7	-1.05	- 3.7	2.2/24.1	27730
1990 VR ₈	96 09 21.7	23 56.83	-07 35.3	17.3	-1.01	- 6.3	2.8/19.5	25226	1991 FL	96 09 25.7	00 10.88	+03 27.4	17.3	-0.91	- 6.0	0.8/26.5	25440
1975 TQ ₃	96 09 21.8	23 56.77	-17 38.8	15.6	-1.06	+ 1.9	7.6/17.4	27725	1981 EM ₃	96 09 25.8	00 11.47	+12 04.1	17.4	-0.93	- 7.0	4.5/29.5	22948
1993 BD ₁₃	96 09 21.8	23 56.89	+07 05.0	17.1	-0.76	- 4.0	2.3/24.3	26564	2281 T-2	96 09 25.9	00 11.52	+02 15.4	17.2	-0.83	- 4.6	0.3/26.2	21953
1978 SS ₇	96 09 21.8	23 57.08	+00 59.1	16.3	-1.02	- 3.5	0.6/22.2	22073	1978 VT ₁₀	96 09 26.0	00 12.31	+04 16.3	17.5	-0.87	- 6.5	1.3/27.1	23131
1988 VH	96 09 21.8	23 57.19	+20 53.2	15.7	-0.76	- 8.0	8.6/30.4	27566	(6452)	96 09 26.1	00 12.28	+02 00.8	16.8	-0.89	- 6.5	0.2/26.3	27696
1994 AC ₁₇	96 09 21.9	23 57.25	-05 50.6	17.7	-0.85	- 5.7	1.7/20.1	27447	1967 KB	96 09 26.2	00 12.61	+01 45.4	15.7	-0.95	- 4.2	0.2/26.3	27724
1981 EB ₃₅	96 09 21.9	23 57.36	+00 32.2	17.9	-0.88	- 9.0	0.3/22.2	26921	6020 P-L	96 09 26.2	00 12.72	+01 34.2	18.1	-0.48	- 3.3	0.0/26.3	26415
1985 TV	96 09 21.9	23 57.45	-19 13.6	16.0	-0.98	+ 0.7	5.8/16.7	25637	1981 ER ₁₀	96 09 26.3	00 13.01	+06 10.5	16.6	-0.87	- 6.3	2.2/27.9	21966
9560 P-L	96 09 22.0	23 57.57	-07 49.1	16.9	-0.98	- 6.4	3.1/19.6	25076	3358 T-3	96 09 26.4	00 13.36	-00 00.0	18.1	-0.94	- 4.9	0.5/26.0	23989
1994 AD	96 09 22.0	23 57.81	-00 35.4	17.8	-0.92	- 5.5	0.1/22.0	23791	1973 SE ₁	96 09 26.5	00 13.91	-00 28.4	17.6	-0.50	- 2.8	0.4/25.9	20804
(6477)	96 09 22.4	23 59.24	-08 47.8	16.6	-0.70	- 7.0	2.6/19.3	25415	1991 GC ₁	96 09 26.5	00 13.94	-03 44.0	17.6	-1.04	- 1.7	1.8/25.1	27728
1994 AP ₂	96 09 22.4	23 59.35	-21 38.4	15.3	-0.80	-16.5	8.1/12.9	27730	4089 P-L	96 09 26.6	00 14.30	+07 14.8	16.5	-0.69	- 9.7	2.3/28.8	15903
1986 TB ₇	96 09 22.6	23 59.87	+15 31.1	16.6	-0.74	- 6.1	5.4/28.3	21970	5187 T-2	96 09 26.8	00 14.76	+10 55.1	18.4	-0.48	- 3.6	1.6/30.2	25971
1981 EM ₄₆	96 09 22.7	00 00.22	+02 40.4	18.0	-0.92	- 6.3	1.2/23.6	26923	3078 P-L	96 09 26.8	00 15.16	+10 26.8	17.7	-0.96	- 5.3	3.2/29.7	25084
1976 SA ₆	96 09 22.8	00 00.73	-02 41.5	15.8	-1.00	- 5.0	1.2/22.0	25224	1981 EO ₈	96 09 27.0	00 15.87	+08 42.6	16.6	-0.88	- 5.1	2.6/29.3	21966
1992 PD ₆	96 09 22.9	00 01.15	-06 40.3	17.2	-0.91	- 5.3	2.8/20.8	22407	(6333)	96 09 27.1	00 16.12	-03 55.6	16.5	-0.98	- 6.7	2.3/25.3	25193
1993 OV	96 09 23.0	00 01.51	+40 32.4	14.5	-0.95	- 6.7	19.1/12.1	22816	1989 TO ₁₅	96 09 27.2	00 16.25	+03 15.1	16.7	-0.85	- 7.7	0.7/27.7	25080
1991 GX ₁	96 09 23.1	00 01.60	+11 52.5	17.5	-0.50	- 2.6	2.1/27.3	21975	(7116)	96 09 27.2	00 16.44	-13 05.3	16.7	-1.00	- 4.0	5.6/22.7	27700
1992 WU ₁	96 09 23.1	00 01.63	+10 02.2	15.7	-0.60	- 6.8	5.0/26.9	22238	1981 EZ ₁₃	96 09 27.3	00 16.79	+12 01.0	19.4	-0.92	- 2.9	3.0/30.5	23511
1981 EZ ₂₈	96 09 23.1	00 01.84	+23 35.4	17.1	-1.71	+ 9.7	11.4/26.9	15409	1981 DL ₃	96 09 27.5	00 17.58	+14 14.4	16.5	-0.93	- 5.0	5.7/01.6	26914
1989 VW	96 09 23.3	00 02.51	-06 47.2	16.8	-0.64	- 3.2	1.7/21.0	22431	1188 T-2	96 09 27.5	00 17.71	+05 17.6	17.3	-0.89	- 6.3	1.2/28.7	25085
1994 FP	96 09 23.6	00 03.68	-04 45.7	18.1	-1.42	+ 2.9	2.2/22.6	23785	1981 EQ ₃₅	96 09 27.8	00 18.51	+00 37.2	21.7	-0.81	- 5.5	0.4/27.4	26921
1991 CU ₁	96 09 23.7	00 03.71	+07 24.8	17.2	-0.97	- 6.0	2.6/26.0	23349	1992 BW	96 09 28.0	00 19.12	+45 05.5	15.6	-1.75	+ 8.5	21.9/08.8	27729
1994 GC ₁	96 09 23.7	00 03.94	-03 16.6	16.8	-0.73	- 4.6	1.0/22.5	23677	1985 VF	96 09 28.0	00 19.22	-15 57.2	15.1	-0.92	- 1.9	8.5/22.7	25061
1981 EZ ₄₇	96 09 23.9	00 04.40	+00 23.9	16.0	-0.87	- 4.1	0.0/23.9	22492	1981 SJ	96 09 28.1	00 19.47	+04 13.6	16.4	-0.84	- 4.7	1.0/28.8	25225
1189 T-3	96 09 23.9	00 04.43	+08 18.5	17.7	-0.92	- 5.3	3.4/26.5	21604	1981 EL ₄₀	96 09 28.1	00 19.56	+05 18.2	20.5	-0.86	- 4.3	1.0/29.1	26922
(6488)	96 09 24.0	00 04.84	-21 56.5	16.4	-0.88	- 4.8	9.0/16.2	25418	1985 RJ ₄	96 09 28.1	00 19.82	+00 08.5	16.5	-0.77	- 3.9	0.7/27.5	23536
2651 P-L	96 09 24.0	00 05.11	+01 36.9	17.5	-0.90	- 1.4	0.5/24.4	21977	1988 AA ₅	96 09 28.2	00 20.05	+03 51.3	15.3	-0.66	- 9.3	0.7/28.9	22272
4068 P-L	96 09 24.1	00 05.22	+03 02.1	16.4	-1.01	- 4.3	1.1/24.9	22971	4667 P-L	96 09 28.5	00 21.12	-03 11.0	16.1	-0.92	- 1.4	2.3/27.0	15904
1981 EM ₃₉	96 09 24.4	00 06.48	+01 13.6	18.8	-1.02	- 4.1	0.2/24.6	26922	1992 FH	96 09 28.5	00 21.14	-02 09.1	15.1	-1.05	- 3.9	2.0/27.3	25081
1973 SD ₁	96 09 24.5	00 06.82	-00 04.9	16.8	-0.53	- 2.4	0.2/24.3	25635	(6529)	96 09 28.6	00 21.42	+06 47.5	16.2	-0.89	- 8.6	1.7/30.2	25524
(6439)	96 09 24.6	00 06.91	-14 39.4	17.0	-0.67	- 8.2	4.3/18.7	25319	1981 ED ₂₈	96 09 28.6	00 21.46	-00 17.4	18.0	-0.80	- 6.2	0.9/27.8	22598
1981 ED ₁₀	96 09 24.6	00 06.99	+03 33.2	19.9	-0.97	- 5.7	1.0/25.5	26916	(6274)	96 09 28.8	00 22.25	-05 25.2	16.0	-1.01	- 6.1	3.3/26.4	24892
1967 JP	96 09 24.6	00 07.14	+04 32.9	17.3	-0.75	- 4.1	1.0/26.0	25437	(6570)	96 09 29.0	00 23.08	+12 16.9	16.8	-0.68	- 6.7	2.4/02.7	25634
1992 SL ₂₃	96 09 24.7	00 07.25	-13 30.5	17.2	-1.06	- 0.3	5.6/20.8	24230	5493 T-2	96 09 29.1	00 23.18	+15 52.3	17.2	-0.55	- 2.1	2.5/03.8	25540
1989 PT	96 09 24.8	00 07.79	-06 42.8	16.2	-0.86	- 8.7	3.2/22.2	25080	(6466)	96 09 29.1	00 23.48	-16 28.0	16.7	-0.83	- 6.7	6.0/22.5	25412
3365 T-2	96 09 24.8	00 07.95	-02 13.1	17.3	-0.75	- 4.4	1.0/23.9	21978	1179 T-2	96 09 29.2	00 23.41	+03 58.0	18.2	-0.90	- 6.5	0.5/29.7	22432