

=====

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.

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

TWX 710-320-6842 ASTROGRAM CAM EASYLINK 62794505

MARSDEN@CFA.BITNET or .SPAN BRIAN@CFAPS1.SPAN GARETH@CFAPS1.SPAN

Brian G. Marsden, Director Gareth V. Williams, Associate Director

=====

ERRATA.

MPC	Line				
19737	7	For	SAOC	read	PPM
19925	4	For	SAOC	read	PPM
20070	- 8	For	B. A. Skiff	read	S. J. Bus
20070	- 5	For	J. D. Scotti	read	J. V. Scotti
20078	12	For	SAOC	read	PPM
20091	19	For	C. S. Shoemaker (2)	read	C. S. Shoemaker (3)
20138	-13	Add	1953 GH = A923 UC (MPC 1189)	is	invalid
20162	7	For	(4906) Senerfu	read	(4906) Seneferu
20162	10	For	Senerfu	read	Seneferu

* * * * *

IDENTIFICATION CHANGES.

Continuation to MPC 20061.

Object	Date	UT	R. A. (2000)	Decl.	Old desig.	Mag.	Obs.
1975 EH6	* 1975 03	08.86610	10 43 28.96 +07	43 54.1	1975 EB1	17.0	095
1975 EH6	1975 03	15.87869	10 38 20.11 +08	09 24.7	1975 EB1	17.5	095
1976 SJ11	* 1976 09	29.89029	00 20 25.43 +01	33 23.1	1976 SN2	18.0	095
1983 FX	* 1983 03	20.93906	11 33 50.36 +05	34 21.6	1983 FP	18.0	095
1986 TM18	* 1986 10	02.87262	23 42 30.19 -00	40 48.1	1986 RJ7	15.8V	095
1986 TN18	* 1986 10	08.91869	01 03 52.66 +20	11 04.5	1986 TQ9	16.5V	095
1991 HP	* 1991 04	19.09653	13 13 07.25 -04	32 32.4	1991 GM9	20.0	809
1991 HP	1991 04	19.10972	13 13 06.29 -04	32 27.5	1991 GM9		809
1991 HP	1991 04	19.13194	13 13 05.25 -04	32 22.4	1991 GM9		809
1991 HQ	* 1991 04	19.09653	13 14 46.95 -04	35 29.1	1991 GN9	18.6	809
1991 HQ	1991 04	19.10972	13 14 46.30 -04	35 25.0	1991 GN9		809
1991 HQ	1991 04	19.13194	13 14 45.32 -04	35 19.2	1991 GN9		809

* * * * *

OBSERVATIONS OF COMETS.

Observations are published here for the following observatory codes:

323 Perth Observatory, Bickley. 300-mm focal-length camera and 0.33-m astrograph. Observers M. P. Candy and G. Lowe.

367 Yatsuka. 0.26-m reflector. Observer H. Abe. Measured by S. Miyasaka.

372 Geisei. 0.60-m reflector. Observer T. Seki.

411 Oizumi. 0.16-m f/4.8 reflector + CCD. Observer T. Kobayashi.

413 Siding Spring. Uppsala Southern Schmidt. Observer R. H. McNaught.

- 415 Kambah, near Canberra. Observer D. Herald.
 474 Mt. John. 0.6-m reflector. Observer A. C. Gilmore. Measured by P. M. Kilmartin.
 595 Farra d'Isonzo. 0.4-m f/4.5 reflector. Observers G. Lombardi and F. Piani. Communicated by L. Bittesini.
 675 Palomar. 0.46-m Schmidt. Observers J. Alu, E. Helin, K. Lawrence, D. H. Levy, P. Rose, C. S. Shoemaker and E. M. Shoemaker.
 691 Kitt Peak. 0.91-m Spacewatch telescope. Observers T. Gehrels, J. V. Scotti and D. L. Rabinowitz.
 801 Oak Ridge Observatory. 1.5-m reflector + CCD. Observers R. E. McCrosky and C.-Y. Shao.
 809 European Southern Observatory. 1.0-m Schmidt. Observers E. W. Elst, G. Pizarro and O. Pizarro.
 894 Otomo. 0.25-m f/3.4 reflector. Observer S. Otomo.
 897 YGCO Chiyoda Station. 0.25-m f/3.4 Wright-Schmidt. Observer T. Kojima.

Object	Date	UT	R. A. (2000)	Decl.	Mag.	N Obs.
Periodic Comet Smirnova-Chernykh						
/1984 V	1992 05	04.45801	09 19 51.25	+22 36 23.7		411
Comet McNaught-Russell (1990 XIX)						
/1990 XIX	1992 04	30.08118	10 14 37.88	+33 06 50.6		801
/1990 XIX	1992 04	30.12493	10 14 37.05	+33 06 56.1		801
Comet Shoemaker-Levy (1991d)						
/1991d	1992 04	02.77141	20 47 46.71	+41 29 53.3	12 T	897
/1991d	1992 04	02.77841	20 47 47.24	+41 29 54.8		897
/1991d	1992 04	02.78559	20 47 47.78	+41 29 55.7		897
/1991d	1992 04	02.81632	20 47 50.12	+41 29 59.9		897
/1991d	1992 04	16.78600	21 03 29.62	+42 04 10.5	12.5 T	897
/1991d	1992 04	16.79647	21 03 30.16	+42 04 12.3		897
/1991d	1992 04	29.33772	21 13 02.67	+42 35 39.4		801
/1991d	1992 04	29.35657	21 13 03.32	+42 35 42.2		801
/1991d	1992 04	30.36073	21 13 38.04	+42 38 05.5		801
/1991d	1992 04	30.36205	21 13 37.70	+42 38 08.5		801
/1991d	1992 05	02.73756	21 14 52.64	+42 43 41.7		411
/1991d	1992 05	02.73858	21 14 52.63	+42 43 41.8		411
/1991d	1992 05	02.73953	21 14 52.70	+42 43 40.4		411
/1991d	1992 05	07.35582	21 16 50.35	+42 53 47.0		801
/1991d	1992 05	10.74146	21 17 52.91	+43 00 27.5		411
/1991d	1992 05	10.74247	21 17 52.94	+43 00 28.0		411
/1991d	1992 05	10.74343	21 17 52.98	+43 00 28.7		411
/1991d	1992 05	11.67766	21 18 06.64	+43 02 11.3	13 T	897
/1991d	1992 05	11.72931	21 18 07.38	+43 02 16.3		411
/1991d	1992 05	11.73062	21 18 07.46	+43 02 16.1		411
/1991d	1992 05	11.73142	21 18 07.48	+43 02 18.1		897
/1991d	1992 05	11.73445	21 18 07.50	+43 02 16.8		411
/1991d	1992 05	11.73593	21 18 07.55	+43 02 17.0		411
/1991d	1992 05	20.71884	21 19 01.17	+43 14 42.6		411
/1991d	1992 05	20.72206	21 19 01.14	+43 14 42.8		411
/1991d	1992 05	20.72364	21 19 01.12	+43 14 43.8		411
/1991d	1992 05	20.72662	21 19 01.14	+43 14 43.8		411
Periodic Comet Kowal 1						
/1991i	1992 04	23.14514	13 38 12.40	-10 07 18.2	18.0 T	809
/1991i	1992 04	23.15833	13 38 12.00	-10 07 15.8		809
/1991i	1992 04	23.17153	13 38 11.71	-10 07 15.1		809
/1991i	1992 04	25.08889	13 37 14.30	-10 03 05.9	18.0 T	809

/1991i	1992 04 25.10208	13 37 13.87	-10 03 04.0			809
/1991i	1992 04 25.11528	13 37 13.50	-10 03 02.7			809
Periodic Comet Faye						
/1991n	1991 09 14.42865	01 33 53.29	+14 24 59.2			675
/1991n	1991 09 14.47951	01 33 55.45	+14 24 44.1			675
Periodic Comet Levy						
/1991q	1992 03 07.61944	08 05 48.21	+28 39 40.2	19.5 T		372
Comet Helin-Alu (1991r)						
/1991r	1992 04 29.33368	19 27 28.88	+09 40 17.6			801
/1991r	1992 04 29.35093	19 27 28.95	+09 40 30.7			801
/1991r	1992 05 05.34481	19 27 53.21	+10 50 06.6		1	801
/1991r	1992 05 05.36023	19 27 53.13	+10 50 16.1			801
Periodic Comet Hartley 2						
/1991t	1992 05 04.06619	09 48 35.63	+03 24 18.2		2	801
/1991t	1992 05 04.09014	09 48 36.20	+03 24 19.2			801
Periodic Comet Shoemaker-Levy 5						
/1991z	1992 01 02.07993	00 47 50.47	+08 57 28.9	17.1 T		691
/1991z	1992 01 02.10028	00 47 52.20	+08 57 45.9	16.9 T		691
/1991z	1992 01 02.12123	00 47 54.08	+08 58 03.5	17.1 T		691
Comet Shoemaker-Levy (1991a1)						
/1991a 1	1991 11 10.57517	01 38 05.99	+38 11 45.0	16 T		897
/1991a 1	1991 11 10.60845	01 38 01.75	+38 11 34.1			897
/1991a 1	1991 12 09.41991	00 45 16.69	+34 46 14.3	15.5 T		897
/1991a 1	1991 12 09.46418	00 45 12.25	+34 45 47.4			897
/1991a 1	1992 05 02.75620	00 56 40.53	+40 38 15.3	12 T		411
/1991a 1	1992 05 02.75819	00 56 40.58	+40 38 16.3			411
/1991a 1	1992 05 02.76172	00 56 40.70	+40 38 21.2			411
/1991a 1	1992 05 02.76378	00 56 40.87	+40 38 23.7			411
/1991a 1	1992 05 10.76173	01 03 57.93	+43 22 09.7	11 T		411
/1991a 1	1992 05 10.76548	01 03 58.08	+43 22 15.4			411
/1991a 1	1992 05 10.76718	01 03 58.15	+43 22 18.6			411
/1991a 1	1992 05 10.76972	01 03 58.40	+43 22 21.3			411
/1991a 1	1992 05 10.78299	01 03 59.22	+43 22 38.6	13 T	3	372
/1991a 1	1992 05 11.74624	01 04 55.61	+43 44 25.9	12.5 T		897
/1991a 1	1992 05 11.75139	01 04 55.63	+43 44 35.3			897
/1991a 1	1992 05 11.75816	01 04 56.12	+43 44 42.5			897
/1991a 1	1992 05 11.76196	01 04 56.25	+43 44 47.7			411
/1991a 1	1992 05 11.76339	01 04 56.40	+43 44 49.9			411
/1991a 1	1992 05 11.76477	01 04 56.46	+43 44 52.5			411
Periodic Comet Kowal 2						
/1991f 1	1992 04 30.05172	08 58 15.82	-02 23 01.9			801
/1991f 1	1992 04 30.06559	08 58 16.95	-02 23 01.7			801
Comet Zanotta-Brewington (1991g1)						
/1991g 1	1992 02 26.47576	01 36 10.66	-48 44 27.2			415
/1991g 1	1992 02 26.47809	01 36 11.02	-48 44 30.3			415
Comet Tanaka-Machholz (1992d)						
/1992d	1992 04 05.80512	22 21 58.41	+23 28 37.0			367
/1992d	1992 04 16.80579	22 53 23.12	+34 14 13.2			897
/1992d	1992 04 16.80799	22 53 23.33	+34 14 18.2			897

/1992d	1992 04	20.76791	23 06	59.88	+38 14	42.5			894
/1992d	1992 04	20.76927	23 06	59.99	+38 14	52.8			894
/1992d	1992 04	20.77083	23 07	00.58	+38 14	54.5			894
/1992d	1992 04	20.77269	23 07	00.79	+38 15	04.5			897
/1992d	1992 05	02.74670	23 59	35.39	+50 03	25.5			411
/1992d	1992 05	02.74745	23 59	35.70	+50 03	27.9			411
/1992d	1992 05	02.75070	23 59	36.70	+50 03	39.3			411
/1992d	1992 05	02.75145	23 59	36.92	+50 03	41.5			411
/1992d	1992 05	05.74335	00 16	18.88	+52 46	25.0			894
/1992d	1992 05	10.75311	00 48	20.70	+56 55	07.4			411
/1992d	1992 05	10.75429	00 48	21.22	+56 55	10.2	7.5	T	411
/1992d	1992 05	10.75542	00 48	21.58	+56 55	14.1			411
/1992d	1992 05	10.75602	00 48	21.96	+56 55	15.1			411
/1992d	1992 05	10.75938	00 48	23.45	+56 55	23.7	8.6	T 4	372
/1992d	1992 05	10.76285	00 48	24.86	+56 55	33.0			372
/1992d	1992 05	11.71395	00 55	07.17	+57 38	39.0			897
/1992d	1992 05	11.74074	00 55	18.75	+57 39	51.6			897
/1992d	1992 05	11.74219	00 55	19.26	+57 39	54.7			897
/1992d	1992 05	11.74323	00 55	19.73	+57 39	59.5			897
/1992d	1992 05	11.74574	00 55	20.81	+57 40	04.8			411
/1992d	1992 05	11.74639	00 55	21.03	+57 40	06.4			411
/1992d	1992 05	11.75147	00 55	23.27	+57 40	19.8			411
/1992d	1992 05	11.75206	00 55	23.46	+57 40	21.4			411
/1992d	1992 05	13.84514	01 10	53.12	+59 09	38.9			595
/1992d	1992 05	13.87361	01 11	06.61	+59 10	48.7			595
/1992d	1992 05	13.88333	01 11	11.12	+59 11	14.6			595
/1992d	1992 05	13.89167	01 11	14.62	+59 11	33.3			595
/1992d	1992 05	13.90069	01 11	18.59	+59 11	56.3			595
/1992d	1992 05	13.90903	01 11	22.82	+59 12	17.2			595
/1992d	1992 05	20.85833	02 09	52.18	+63 07	03.9			595
/1992d	1992 05	20.86875	02 09	58.46	+63 07	21.5			595
/1992d	1992 05	20.88264	02 10	05.79	+63 07	45.6			595
/1992d	1992 05	30.78368	03 44	44.03	+65 35	11.9	11	T	372
/1992d	1992 05	30.78611	03 44	45.32	+65 35	11.8			372

Periodic Comet Shoemaker-Levy 8

/1992f	1992 04	23.73470	15 05	16.59	-15 44	52.3			413
/1992f	1992 04	23.73794	15 05	16.47	-15 44	51.2			413
/1992f	1992 04	23.74134	15 05	16.36	-15 44	50.3			413
/1992f	1992 04	26.34253	15 03	44.59	-15 31	30.5	17	T	675
/1992f	1992 04	26.37118	15 03	43.54	-15 31	21.4			675
/1992f	1992 04	29.34427	15 01	53.73	-15 15	39.3			675
/1992f	1992 05	01.36736	15 00	36.80	-15 04	46.7	16	T	675
/1992f	1992 05	01.38993	15 00	36.06	-15 04	42.6			675
/1992f	1992 05	06.21458	14 57	28.46	-14 38	38.9			801
/1992f	1992 05	06.23510	14 57	27.61	-14 38	32.0			801
/1992f	1992 05	24.61111	14 46	19.55	-13 06	10.0	17	T	372
/1992f	1992 05	25.54792	14 45	51.14	-13 02	03.3	17	T	372

Periodic Comet Mueller 4

/1992g	1992 04	29.21073	14 02	26.85	+30 03	17.3			801
/1992g	1992 04	29.23135	14 02	26.19	+30 03	21.2			801
/1992g	1992 05	06.18443	13 58	57.78	+30 14	37.8			801
/1992g	1992 05	06.20084	13 58	57.32	+30 14	36.9			801
/1992g	1992 05	10.74375	13 56	58.70	+30 12	23.3	19	T	5 372
/1992g	1992 05	24.59792	13 53	01.27	+29 24	02.3	19	T	372
/1992g	1992 05	25.56389	13 52	52.19	+29 18	29.1	19	T	372
/1992g	1992 05	26.58125	13 52	44.31	+29 12	29.3	18.5	T	372

Comet Spacewatch (1992h)

/1992h	1992 05 07.15636	13 07 16.64	-07 28 27.2	18.5 T	691
/1992h	1992 05 07.18061	13 07 15.40	-07 28 12.0	18.5 T	691
/1992h	1992 05 07.20486	13 07 14.18	-07 27 56.6	18.5 T	691
/1992h	1992 05 08.14551	13 06 27.90	-07 18 11.0	18.2 T	691
/1992h	1992 05 08.16028	13 06 27.00	-07 18 07.0	18.4 T	691
/1992h	1992 05 08.17491	13 06 26.43	-07 17 54.0	18.7 T	691
/1992h	1992 05 09.20639	13 05 36.10	-07 07 15.0		691
/1992h	1992 05 09.21326	13 05 35.82	-07 07 11.6		691
/1992h	1992 06 02.16285	12 49 15.44	-03 20 54.4	18.6 T	691
/1992h	1992 06 02.18294	12 49 14.78	-03 20 45.1	18.3 T	691
/1992h	1992 06 02.20407	12 49 14.05	-03 20 33.6	18.8 T	691

Comet Bradfield (1992i)

/1992i	1992 05 04.73961	00 29 37.05	-15 41 30.5	6	474
/1992i	1992 05 04.75569	00 29 44.05	-15 41 31.8	6	474
/1992i	1992 05 04.75703	00 29 44.65	-15 41 32.7	6	474
/1992i	1992 05 04.79144	00 29 59.86	-15 41 37.7	7	413
/1992i	1992 05 04.79896	00 30 03.03	-15 41 37.7	7	413
/1992i	1992 05 05.80220	00 37 46.30	-15 41 35.4		413
/1992i	1992 05 05.80454	00 37 47.26	-15 41 35.0		413
/1992i	1992 05 11.88681	01 45 15.8	-14 27 27	8	323
/1992i	1992 05 11.90417	01 45 30.4	-14 26 07	8	323
/1992i	1992 05 29.28125	06 43 46.08	+09 25 13.0	9	474
/1992i	1992 05 29.28542	06 43 48.75	+09 25 34.3	9	474
/1992i	1992 05 29.44965	06 45 20.87	+09 35 38.1	A	323
/1992i	1992 05 30.28958	06 52 44.21	+10 25 54.7	9	474
/1992i	1992 05 30.29688	06 52 48.08	+10 26 15.3	9	474

Note 1: uncertain image. 2: very faint image. 3: tail 5' long in p.a. 310 . 4: coma diameter 7', tail 5' long in p.a. 325 . 5: coma diameter 8". 6: round coma of diameter 3'; comet moderately condensed with a bright central condensation; no hint of tail. 7: coma diameter 1', tail 3' long to the southwest. 8: end of tail much better defined than beginning. 9: large and diffuse images with no obvious central condensation. A: comet's image is a faint blob 20" across.

* * * * *

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. Numerical codes are defined in the headings for the individual observatories.

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

I involved with star
 i inkdot measured
 M measurement difficult
 N near edge of plate, measurement uncertain
 O image out of focus
 o plate measured in one direction only
 P position uncertain
 p poor image
 R right ascension uncertain
 r poor distribution of reference stars
 S poor sky
 s streaked image
 T time uncertain
 t trailed image
 U uncertain image
 u unconfirmed image
 V very faint image
 W weak image
 w weak solution

Object	Date	UT	R. A. (2000)	Decl.	Mag.	N Obs.
033 Tautenburg						
F. Borngen, Thuringer Landessternwarte, Dorfstrasse 73,						
O-6901 Tautenburg, Federal Republic of Germany						
1.3-m Schmidt telescope						
PPM						
1979 MC2	1992 04	03.90660	11 07 40.79	+04 27 01.2	18.3	033
1979 MC2	1992 04	03.95139	11 07 39.22	+04 27 13.7		033
1982 DU	1992 03	30.83194	09 11 38.02	+19 58 43.1	17.9	033
1982 DU	1992 03	30.87639	09 11 38.04	+19 58 17.8		033
1982 DX3	1992 01	03.07153	10 19 22.94	+20 26 16.8		033
1982 DX3	1992 01	03.13472	10 19 22.33	+20 26 24.0		033
1982 DX3	1992 02	08.95000	09 51 54.09	+22 20 51.9		033
1982 DX3	1992 02	08.99583	09 51 50.68	+22 20 59.3		033
1982 DX3	1992 02	09.96528	09 50 41.93	+22 23 30.2		033
1982 DX3	1992 02	27.84792	09 30 10.93	+22 42 41.6		033
1982 DX3	1992 02	27.89028	09 30 08.27	+22 42 40.4		033
1982 DX3	1992 02	28.85347	09 29 09.72	+22 42 03.6		033
1982 DX3	1992 02	29.88819	09 28 08.29	+22 41 11.9		033
1982 DX3	1992 03	30.83194	09 13 13.91	+20 59 18.0		033
1982 DX3	1992 03	30.87639	09 13 13.85	+20 59 03.9		033
1985 CS1	1992 04	03.90660	11 07 44.63	+06 39 36.5	16.9	033
1985 CS1	1992 04	03.95139	11 07 42.86	+06 39 56.8		033
1985 XS	1992 04	03.90660	11 02 21.95	+06 46 30.8	18.1	033
1985 XS	1992 04	03.95139	11 02 20.44	+06 46 42.0		033
1988 RU3	1991 04	11.02778	13 21 33.47	-04 43 21.7	18.7	033
1988 RU3	1991 04	11.96181	13 20 47.18	-04 37 54.1		033
1988 RU3	1991 04	12.00694	13 20 44.88	-04 37 37.5		033
1991 FO	1991 04	11.02778	13 26 11.82	-05 55 51.3	17.6	033
1991 FO	1991 04	11.96181	13 25 24.53	-05 47 08.7		033
1991 FO	1991 04	12.00694	13 25 22.15	-05 46 42.3		033
1991 GK1	1991 04	11.02778	13 26 28.65	-06 20 07.6	18.3	033
1991 GK1	1991 04	11.96181	13 25 34.38	-06 16 18.0		033
1991 GK1	1991 04	12.00694	13 25 31.67	-06 16 06.0		033
1991 GO4	1991 04	11.02778	13 19 05.31	-06 03 20.3	18.8	033
1991 GO4	1991 04	11.96181	13 18 10.41	-06 01 20.4		033
1991 GO4	1991 04	12.00694	13 18 07.64	-06 01 13.1		033
1991 GP4	1991 04	11.02778	13 20 02.75	-05 02 50.2	17.7	033

1991 GP4		1991 04 11.96181	13 19 22.69	-04 55 59.8		033
1991 GP4		1991 04 12.00694	13 19 20.68	-04 55 39.3		033
1991 GY4		1991 04 11.02778	13 22 33.22	-06 06 22.3	18.4	033
1991 GY4		1991 04 11.96181	13 21 37.41	-06 01 44.6		033
1991 GY4		1991 04 12.00694	13 21 34.58	-06 01 30.0		033
1991 GM9		1991 04 11.02778	13 20 39.91	-05 12 22.5	17.8	033
1991 GM9		1991 04 11.96181	13 19 58.56	-05 07 58.0		033
1991 GM9		1991 04 12.00694	13 19 56.47	-05 07 45.1		033
1991 GN9		1991 04 11.02778	13 20 50.78	-05 14 10.6	19.1	033
1991 GN9		1991 04 11.96181	13 19 55.99	-05 09 08.4		033
1991 GN9		1991 04 12.00694	13 19 53.27	-05 08 53.5		033
1991 GZ10	*	1991 04 11.02778	13 15 28.94	-03 59 22.3	18.9	033
1991 GZ10		1991 04 11.96181	13 14 37.15	-04 00 03.7		033
1991 GZ10		1991 04 12.00694	13 14 34.53	-04 00 04.1		033
1991 GA11	*	1991 04 11.02778	13 15 52.74	-03 30 04.2	19.2	033
1991 GA11		1991 04 11.96181	13 15 08.25	-03 25 16.3		033
1991 GA11		1991 04 12.00694	13 15 06.00	-03 25 01.1		033
1991 GB11	*	1991 04 11.02778	13 16 11.40	-03 38 13.4	19.0	033
1991 GB11		1991 04 11.96181	13 15 27.49	-03 29 27.4		033
1991 GB11		1991 04 12.00694	13 15 25.29	-03 29 02.0		033
1991 GC11	*	1991 04 11.02778	13 16 43.20	-04 34 16.5	19.4	033
1991 GC11		1991 04 11.96181	13 15 50.53	-04 33 09.8		033
1991 GC11		1991 04 12.00694	13 15 47.85	-04 33 05.9		033
1991 GD11	*	1991 04 11.02778	13 17 48.56	-04 45 21.3	19.6	033
1991 GD11		1991 04 11.96181	13 17 21.61	-04 42 08.5		033
1991 GD11		1991 04 12.00694	13 17 20.27	-04 41 59.0		033
1991 GE11	*	1991 04 11.02778	13 20 19.95	-04 51 28.5	19.1	033
1991 GE11		1991 04 11.96181	13 19 38.46	-04 46 38.4		033
1991 GE11		1991 04 12.00694	13 19 36.37	-04 46 22.9		033
1991 GF11	*	1991 04 11.02778	13 21 20.99	-04 53 23.0	19.5	033
1991 GF11		1991 04 11.96181	13 20 29.29	-04 49 48.5		033
1991 GF11		1991 04 12.00694	13 20 26.71	-04 49 36.7		033
1991 GG11	*	1991 04 11.02778	13 22 03.31	-04 52 54.1	18.5	033
1991 GG11		1991 04 11.96181	13 21 17.97	-04 46 45.4		033
1991 GG11		1991 04 12.00694	13 21 15.68	-04 46 27.1		033
1991 GH11	*	1991 04 11.02778	13 22 10.47	-05 05 33.2	18.2	033
1991 GH11		1991 04 11.96181	13 21 27.56	-05 00 44.5		033
1991 GH11		1991 04 12.00694	13 21 25.41	-05 00 30.2		033
1991 GJ11	*	1991 04 11.02778	13 22 34.63	-04 06 38.9	18.9	033
1991 GJ11		1991 04 11.96181	13 21 49.85	-04 03 59.7		033
1991 GJ11		1991 04 12.00694	13 21 47.69	-04 03 50.9		033
1991 GK11	*	1991 04 11.02778	13 24 09.19	-05 11 11.6	18.9	033
1991 GK11		1991 04 11.96181	13 23 15.08	-05 06 10.4		033
1991 GK11		1991 04 12.00694	13 23 12.37	-05 05 55.2		033
1991 GL11	*	1991 04 11.02778	13 25 41.58	-03 33 37.1	18.9	033
1991 GL11		1991 04 11.96181	13 24 52.90	-03 28 33.6		033
1991 GL11		1991 04 12.00694	13 24 50.49	-03 28 18.5		033
1991 GM11	*	1991 04 11.02778	13 26 17.56	-04 42 06.2	18.8	033
1991 GM11		1991 04 11.96181	13 25 20.28	-04 37 22.7		033
1991 GM11		1991 04 12.00694	13 25 17.45	-04 37 08.7		033
1991 GN11	*	1991 04 11.02778	13 26 21.85	-05 46 14.0	18.8	033
1991 GN11		1991 04 11.96181	13 25 28.77	-05 44 36.5		033
1991 GN11		1991 04 12.00694	13 25 26.13	-05 44 30.5		033
1991 GO11	*	1991 04 11.02778	13 26 57.38	-05 13 02.3	19.0	033
1991 GO11		1991 04 11.96181	13 26 14.97	-05 05 02.3		033
1991 GO11		1991 04 12.00694	13 26 12.78	-05 04 38.9		033
1992 AO1		1992 02 08.95000	09 45 44.79	+21 56 31.5	17.3	033
1992 AO1		1992 02 08.99583	09 45 41.93	+21 56 46.6		033
1992 AO1		1992 02 09.96528	09 44 45.24	+22 01 58.6		033

1992 AO1		1992 02 27.84792	09 28 37.21	+23 05 22.8	17.4	033
1992 AO1		1992 02 27.89028	09 28 35.24	+23 05 27.0		033
1992 AO1		1992 02 28.85347	09 27 53.14	+23 06 51.4		033
1992 AO1		1992 02 29.88819	09 27 09.64	+23 08 07.7		033
1992 CV3	*	1992 02 08.95000	09 49 15.05	+21 33 47.0	19.1	033
1992 CV3		1992 02 08.99583	09 49 11.82	+21 34 01.8		033
1992 CV3		1992 02 09.96528	09 48 06.93	+21 39 09.4		033
1992 CW3	*	1992 02 08.95000	09 49 38.24	+23 40 36.6	19.3	033
1992 CW3		1992 02 08.99583	09 49 35.08	+23 40 52.3		033
1992 CW3		1992 02 09.96528	09 48 31.96	+23 46 29.5		033
1992 CX3	*	1992 02 08.95000	09 50 20.58	+21 29 16.8	19.0	033
1992 CX3		1992 02 08.99583	09 50 17.37	+21 29 27.2		033
1992 CX3		1992 02 09.96528	09 49 11.29	+21 32 56.0		033
1992 CY3	*	1992 02 08.95000	09 50 42.30	+23 09 02.1	19.2	033
1992 CY3		1992 02 08.99583	09 50 39.22	+23 09 24.8		033
1992 CY3		1992 02 09.96528	09 49 36.37	+23 16 44.7		033
1992 CZ3	*	1992 02 08.95000	09 51 52.94	+22 21 23.8	18.6	033
1992 CZ3		1992 02 08.99583	09 51 50.12	+22 21 30.5		033
1992 CZ3		1992 02 09.96528	09 50 51.89	+22 23 32.3		033
1992 CA4	*	1992 02 08.95000	09 53 19.17	+21 06 02.9	19.4	033
1992 CA4		1992 02 08.99583	09 53 16.53	+21 06 24.9		033
1992 CA4		1992 02 09.96528	09 52 22.97	+21 14 18.9		033
1992 CB4	*	1992 02 08.95000	09 53 55.03	+23 47 29.3	19.2	033
1992 CB4		1992 02 08.99583	09 53 51.80	+23 47 48.0		033
1992 CB4		1992 02 09.96528	09 52 46.28	+23 54 29.1		033
1992 CC4	*	1992 02 08.95000	09 55 06.52	+21 21 51.4	19.5	033
1992 CC4		1992 02 08.99583	09 55 04.04	+21 21 59.8		033
1992 CC4		1992 02 09.96528	09 54 13.13	+21 24 49.5		033
1992 DH4	*	1992 02 27.84792	09 25 46.22	+23 46 46.2	19.3	033
1992 DH4		1992 02 27.89028	09 25 44.05	+23 46 43.1		033
1992 DH4		1992 02 28.85347	09 24 56.65	+23 45 28.1		033
1992 DH4		1992 02 29.88819	09 24 06.94	+23 43 58.9		033
1992 DJ4		1992 02 08.95000	09 46 24.62	+22 07 39.6	18.7	033
1992 DJ4		1992 02 08.99583	09 46 21.43	+22 07 49.2		033
1992 DJ4		1992 02 09.96528	09 45 17.04	+22 11 12.0		033
1992 DJ4	*	1992 02 27.84792	09 25 58.49	+22 49 15.0	18.7	033
1992 DJ4		1992 02 27.89028	09 25 55.95	+22 49 16.4		033
1992 DJ4		1992 02 28.85347	09 25 00.30	+22 49 47.3		033
1992 DJ4		1992 02 29.88819	09 24 01.91	+22 50 09.5		033
1992 DK4	*	1992 02 27.84792	09 29 15.32	+22 15 43.1	19.2	033
1992 DK4		1992 02 27.89028	09 29 12.66	+22 15 46.1		033
1992 DK4		1992 02 28.85347	09 28 14.06	+22 16 42.5		033
1992 DK4		1992 02 29.88819	09 27 12.31	+22 17 33.8		033
1992 DL4		1992 01 03.07153	10 21 08.08	+19 07 55.7	19.3	033
1992 DL4		1992 01 03.13472	10 21 06.95	+19 08 07.2		033
1992 DL4		1992 02 08.95000	09 51 40.91	+21 43 48.3	18.8	033
1992 DL4		1992 02 08.99583	09 51 37.59	+21 43 58.7		033
1992 DL4		1992 02 09.96528	09 50 30.12	+21 47 42.6		033
1992 DL4	*	1992 02 27.84792	09 30 37.56	+22 32 09.7	19.0	033
1992 DL4		1992 02 27.89028	09 30 34.99	+22 32 12.7		033
1992 DL4		1992 02 28.85347	09 29 38.41	+22 33 06.3		033
1992 DL4		1992 02 29.88819	09 28 39.03	+22 33 52.6		033
1210 T-2		1992 04 03.90660	10 58 56.57	+05 22 56.3	18.0	033
1210 T-2		1992 04 03.95139	10 58 54.70	+05 23 01.6		033
(109)		1991 04 12.97639	14 10 05.37	-18 54 00.4	14.8	033
(109)		1991 04 13.02083	14 10 02.93	-18 53 53.1		033
(169)		1991 04 12.97639	14 05 36.03	-18 22 49.9	13.8	033
(169)		1991 04 13.02083	14 05 33.30	-18 22 43.6		033
(401)		1992 02 08.95000	09 57 16.08	+20 55 41.6	15.1	033

(401)	1992 02 08.99583	09 57 13.87	+20 55 52.4		033
(401)	1992 02 09.96528	09 56 29.09	+20 59 35.0		033
(611)	1991 04 11.02778	13 20 45.64	-04 33 03.0	14.6	033
(611)	1991 04 11.96181	13 20 05.52	-04 25 28.2		033
(611)	1991 04 12.00694	13 20 03.54	-04 25 06.1		033
(799)	1992 04 03.90660	11 09 28.96	+07 10 33.4	15.1	033
(799)	1992 04 03.95139	11 09 27.36	+07 10 48.0		033
(1216)	1992 03 30.83194	09 16 49.87	+22 18 57.1	17.4	033
(1216)	1992 03 30.87639	09 16 49.65	+22 18 58.8		033
(1678)	1992 03 30.83194	09 08 27.59	+21 35 55.1	17.2	033
(1678)	1992 03 30.87639	09 08 27.51	+21 35 43.6		033
(2481)	1992 04 03.90660	11 04 15.79	+07 09 21.3	19.4	033
(2481)	1992 04 03.95139	11 04 13.99	+07 09 30.9		033
(2919)	1992 04 03.90660	10 57 48.56	+06 59 45.4	17.9	033
(2919)	1992 04 03.95139	10 57 47.08	+06 59 54.4		033
(3016)	1991 04 11.02778	13 27 17.77	-04 36 49.7	17.1	033
(3016)	1991 04 11.96181	13 26 32.86	-04 32 02.2		033
(3016)	1991 04 12.00694	13 26 30.65	-04 31 48.1		033
(3245)	1992 04 03.90660	11 02 01.33	+06 09 19.8	18.9	033
(3245)	1992 04 03.95139	11 01 59.90	+06 09 28.1		033
(3263)	1992 01 03.07153	10 19 56.52	+20 22 29.9	17.4	033
(3263)	1992 01 03.13472	10 19 56.40	+20 22 51.9		033
(3358)	1992 04 03.90660	11 02 02.52	+07 32 14.8	18.2	033
(3358)	1992 04 03.95139	11 02 01.13	+07 32 23.8		033
(3384)	1991 04 11.02778	13 23 48.32	-04 47 19.6	18.7	033
(3384)	1991 04 11.96181	13 22 56.64	-04 41 45.3		033
(3384)	1991 04 12.00694	13 22 54.08	-04 41 28.2		033
(4087)	1992 02 27.84792	09 28 21.23	+21 28 18.3	17.8	033
(4087)	1992 02 27.89028	09 28 18.64	+21 28 25.0		033
(4087)	1992 02 28.85347	09 27 21.51	+21 30 40.0		033
(4087)	1992 02 29.88819	09 26 21.43	+21 32 56.2		033
(4239)	1992 04 03.90660	10 59 29.79	+04 30 43.6	19.2	033
(4239)	1992 04 03.95139	10 59 27.77	+04 30 55.2		033
(4759)	1992 04 03.90660	10 59 36.13	+06 59 08.0	18.8	033
(4759)	1992 04 03.95139	10 59 34.66	+06 59 17.1		033

091 Aurec-sur-Loire

R. Chanal, Observatoire de Nurol, F-43110 Aurec-sur-Loire, France

0.41-m reflector

(694)	1991 06 30.90972	14 16 34.79	-11 36 03.6		091
(694)	1991 07 01.89250	14 16 42.64	-11 32 26.3		091

096 Merate

M. Scardia, Osservatorio Astronomico di Brera, Via E. Bianchi 46, I-22055

Merate, Italy

Observers H. Debehogne, M. Scardia

(1)	1985 02 18.75162	03 07 41.43	+15 26 20.0		096
(1)	1985 02 19.75509	03 08 41.76	+15 33 31.3		096
(1)	1985 02 20.76439	03 09 43.35	+15 40 43.3		096
(115)	1983 02 02.93264	08 57 03.92	+15 56 24.1		096
(115)	1983 02 03.91111	08 55 52.54	+15 55 14.1		096
(119)	1986 11 27.93715	06 07 32.45	+15 41 44.4		096
(119)	1987 01 03.83403	05 33 05.31	+14 48 09.2		096
(125)	1990 08 22.03343	23 05 27.46	-04 24 38.9		096
(135)	1987 02 02.92986	08 18 07.19	+21 51 59.2		096
(135)	1987 02 23.92535	08 00 31.94	+22 26 34.4		096
(135)	1987 02 26.86667	07 58 51.44	+22 28 23.5		096
(135)	1987 02 28.92986	07 57 49.13	+22 29 12.8		096
(135)	1987 03 01.85694	07 57 23.54	+22 29 27.3		096

(230)	1983 01 17.89931	05 46 43.36	+13 44 03.3	096
(230)	1983 01 19.88194	05 45 29.22	+13 42 25.8	096
(230)	1983 01 20.86979	05 44 54.98	+13 41 44.2	096
(704)	1987 02 02.89965	08 12 46.78	+08 41 23.7	096
(704)	1987 02 23.89201	07 57 37.83	+08 47 57.7	096
(704)	1987 02 26.84549	07 56 09.69	+08 49 47.6	096
(704)	1987 02 28.91042	07 55 14.87	+08 51 07.1	096
(704)	1987 03 01.84028	07 54 52.10	+08 51 43.0	096
(704)	1987 03 03.85313	07 54 06.84	+08 52 59.6	096

103 Ljubljana

H. Mikuz, Kersnikova 11, 61000 Ljubljana, Slovenia

Observers H. Mikuz, B. Dintinjana

0.25-m f/12 reflector + CCD

GSC

(4751)	1992 05 25.85736	13 39 23.18	-06 22 28.6	103
(4751)	1992 05 25.89894	13 39 22.29	-06 22 25.9	103

104 San Marcello Pistoiese

L. Tesi, Osservatorio di Pian dei Termini, Viale Panoramico 45, I-51028

San Marcello Pistoiese (PT), Italy

Observers L. Tesi, P. Gigli

Measurers L. Tesi, G. Cattani

AGK3, SAOC

1992 AC	1992 03 22.85556	11 54 57.66	+53 16 24.0	104
1992 AC	1992 03 22.86319	11 54 58.48	+53 16 19.0	104
1992 AC	1992 03 28.88304	12 03 43.15	+52 01 33.6	104
1992 AC	1992 03 28.89479	12 03 44.04	+52 01 23.5	104
(5192)	1992 03 28.92569	14 40 24.64	+03 23 07.9	104
(5192)	1992 03 28.93889	14 40 24.10	+03 23 12.1	104
(5192)	1992 04 19.85868	14 26 05.57	+04 42 26.2	104
(5192)	1992 04 19.87118	14 26 05.02	+04 42 27.9	104
(5192)	1992 04 20.81875	14 25 22.24	+04 44 58.0	104
(5192)	1992 04 20.83264	14 25 21.74	+04 44 59.8	104
(5192)	1992 04 21.82292	14 24 36.75	+04 47 30.5	104
(5192)	1992 04 21.83819	14 24 36.08	+04 47 32.1	104
(5192)	1992 04 25.84028	14 21 32.54	+04 56 27.4	104
(5192)	1992 04 25.85556	14 21 31.81	+04 56 28.8	104
(5192)	1992 04 27.86458	14 19 59.38	+05 00 11.0	104
(5192)	1992 04 27.88194	14 19 58.54	+05 00 11.7	104
(5215)	1992 04 20.86667	15 44 36.50	+03 46 25.7	104
(5215)	1992 04 20.88021	15 44 36.07	+03 46 29.5	104
(5215)	1992 04 21.86215	15 44 02.03	+03 52 22.0	104
(5215)	1992 04 21.87569	15 44 01.52	+03 52 26.6	104
(5215)	1992 04 25.89583	15 41 29.07	+04 15 02.6	104
(5215)	1992 04 25.91111	15 41 28.43	+04 15 07.3	104
(5215)	1992 04 27.90972	15 40 05.35	+04 25 26.3	104
(5215)	1992 04 27.92817	15 40 04.61	+04 25 31.4	104

293 Burlington remote site

T. Handley, 13 Linden Avenue, Burlington, NJ 08016, U.S.A.

0.26-m f/3.9 Wright-Schmidt camera

PPM

1973 SS4	1992 03 01.19757	09 50 58.50	+38 12 09.6	293
1973 SS4	1992 03 01.22743	09 50 56.61	+38 12 02.2	293

303 Merida

O. A. Naranjo, Dept. de Fisica, Universidad de los Andes,

Merida 5101, Venezuela

Observer O. A. Naranjo

1.0-m Schmidt

1992 GY1	*	1992 04 03.23472	14 05 35.88	-11 32 17.3	17	303
1992 GY1		1992 04 03.25035	14 05 35.16	-11 32 11.2		303
1992 GY1		1992 04 03.26597	14 05 34.46	-11 32 03.3		303
1992 GY1		1992 04 04.26181	14 04 51.63	-11 25 07.8		303
1992 HZ3		1992 04 03.23472	13 51 36.97	-12 19 09.1	16	303
1992 HZ3		1992 04 03.25035	13 51 36.18	-12 19 07.0		303
1992 HZ3		1992 04 03.26597	13 51 35.48	-12 19 03.8		303
(1654)		1992 04 03.23472	13 55 35.07	-11 53 45.1	15	303
(1654)		1992 04 03.25035	13 55 34.30	-11 53 43.4		303
(1654)		1992 04 03.26597	13 55 33.51	-11 53 41.8		303
(1654)		1992 04 04.26181	13 54 47.35	-11 52 10.1		303
(2016)		1992 04 03.23472	14 05 13.91	-12 56 56.6	18	303
(2016)		1992 04 03.25035	14 05 13.32	-12 56 52.3		303
(2016)		1992 04 03.26597	14 05 12.44	-12 56 47.8		303
(2016)		1992 04 04.26181	14 04 33.36	-12 53 33.9		303
(2934)		1992 04 03.23472	14 04 43.43	-11 41 33.4	16	303
(2934)		1992 04 03.25035	14 04 42.85	-11 41 27.1		303
(2934)		1992 04 03.26597	14 04 42.29	-11 41 20.9		303
(2934)		1992 04 04.26181	14 04 05.92	-11 35 26.8		303
(3632)		1992 04 03.23472	13 54 48.60	-11 08 57.2	17	303
(3632)		1992 04 03.25035	13 54 47.82	-11 08 52.2		303
(3632)		1992 04 03.26597	13 54 47.10	-11 08 45.8		303
(3632)		1992 04 04.26181	13 53 59.97	-11 02 37.7		303

367 Yatsuka

S. Miyasaka, 3-8-501, 4 Chome, Nagayama, Tama, Tokyo 206, Japan

Observer H. Abe

Measurer S. Miyasaka

0.26-m reflector

PPM

(190)		1992 04 22.58541	14 40 33.09	-09 52 26.8		367
(190)		1992 04 22.60625	14 40 32.29	-09 52 21.9		367
(190)		1992 04 25.56736	14 38 46.46	-09 41 27.3		367
(190)		1992 04 25.58820	14 38 45.65	-09 41 23.1		367

372 Geisei

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

0.60-m reflector

ACRS

1933 UM1		1991 12 09.62467	02 38 16.24	+17 14 18.4	17	372
1933 UM1		1991 12 09.63646	02 38 16.01	+17 14 18.9		372
1986 RF7		1992 06 03.52569	14 41 16.10	-11 37 33.1	18.5	372
1986 RF7		1992 06 03.53890	14 41 15.59	-11 37 27.4		372
1989 CL9	*	1989 02 14.68611	09 42 34.71	+13 52 07.6	18	372
1989 CL9		1989 02 14.69861	09 42 34.35	+13 52 10.1		372
1989 JW	*	1989 05 03.72014	16 21 49.75	-08 58 19.0	18.5	372
1989 JW		1989 05 03.73403	16 21 49.36	-08 58 15.8		372
1989 JX	*	1989 05 09.66320	14 53 10.29	-22 29 19.6	17.5	372
1989 JX		1989 05 09.67639	14 53 10.45	-22 29 20.7		372
1989 XN3	*	1989 12 09.81770	08 56 23.13	+20 33 51.8	18	372
1989 XN3		1989 12 09.83333	08 56 22.64	+20 33 57.3		372
1989 YZ1		1989 12 20.66701	08 56 12.00	+19 34 42.1	17.5	372
1989 YZ1		1989 12 20.67795	08 56 11.90	+19 34 45.4		372
1990 UF2		1992 04 22.61545	14 20 43.24	-11 40 03.0	16	372
1990 UF2		1992 04 22.65278	14 20 41.26	-11 39 34.9		372
1990 VS6		1992 02 24.56250	08 10 59.71	+24 54 44.5	19	372
1990 VY13		1990 11 23.76354	04 30 39.04	+22 22 35.5	16.5	372

1990 VY13		1990 11 23.77500	04 30 38.44	+22 22 40.2		372
1990 WL15	*	1990 11 23.76354	04 26 24.98	+22 26 46.3	17	372
1990 WL15		1990 11 23.77500	04 26 24.27	+22 26 44.6		372
1990 WM15	*	1990 11 23.76354	04 27 25.77	+22 57 05.0	17	372
1990 WM15		1990 11 23.77500	04 27 24.85	+22 57 07.0		372
1990 WN15	*	1990 11 23.76354	04 27 49.58	+22 20 09.5	19	372
1990 WN15		1990 11 23.77500	04 27 48.79	+22 20 11.5		372
1991 RH1		1991 09 09.66991	23 25 12.04	-06 12 01.1	17	372
1991 RH1		1991 09 09.67813	23 25 11.46	-06 12 00.8		372
1992 AM1		1992 02 01.72813	09 50 09.66	+18 00 11.4	18	372
1992 AM1		1992 02 01.74028	09 50 09.00	+18 00 19.3		372
1992 BN3		1992 02 05.69271	09 32 52.35	+18 55 07.8	17.5	372
1992 BN3		1992 02 05.70451	09 32 51.67	+18 55 14.3		372
1992 ET2		1992 02 08.70958	10 13 37.81	+14 52 07.3	17.5	372
1992 ET2		1992 02 08.72015	10 13 37.23	+14 52 11.9		372
1992 JE		1992 05 10.71806	14 46 36.00	-06 29 38.7	17	372
1992 JE		1992 05 10.72726	14 46 35.66	-06 29 28.5		372
1992 JE		1992 05 22.60868	14 34 51.39	-03 26 08.8	17	372
1992 JE		1992 05 26.59375	14 31 21.32	-02 30 12.6	17	372
1992 JE		1992 05 26.60243	14 31 20.80	-02 30 02.9		372
1992 JF		1992 05 10.62292	14 53 24.14	-15 06 24.1	16.5	372
1992 JF		1992 05 10.64688	14 53 22.58	-15 06 23.9		372
1992 JF		1992 05 22.55556	14 41 05.57	-14 57 04.0	17	372
1992 JF		1992 05 22.56649	14 41 05.05	-14 57 04.6		372
1992 JH		1992 05 10.69722	15 09 53.78	-11 03 49.1	17	372
1992 JH		1992 05 10.70765	15 09 53.11	-11 03 42.9		372
1992 JH		1992 05 22.57708	14 59 13.83	-10 12 55.8	17.5	372
1992 JH		1992 05 22.58751	14 59 13.36	-10 12 51.2		372
1992 JQ	*	1992 05 04.68542	15 28 17.20	-02 36 50.6	17	372
1992 JQ		1992 05 04.69444	15 28 16.73	-02 36 45.1		372
1992 JQ		1992 05 10.67674	15 23 54.05	-01 39 33.3	17	372
1992 JQ		1992 05 10.68576	15 23 53.63	-01 39 26.7		372
1992 JQ		1992 05 22.63264	15 15 10.24	-00 09 29.5	17	372
1992 JQ		1992 05 24.72292	15 13 45.63	+00 02 16.3	16.5	372
1992 JQ		1992 05 24.73299	15 13 45.19	+00 02 21.1		372
1992 JR	*	1992 05 04.72639	16 01 35.56	-03 21 06.4	16.5	372
1992 JR		1992 05 04.73542	16 01 35.27	-03 21 06.4		372
1992 JR		1992 05 10.65764	15 57 08.45	-03 20 41.7	16	372
1992 JR		1992 05 10.66717	15 57 08.01	-03 20 41.8		372
1992 JR		1992 05 22.61979	15 47 05.43	-03 48 22.3	16.5	372
1992 JR		1992 05 24.70417	15 45 21.28	-03 57 14.0	16.5	372
1992 JR		1992 05 24.71354	15 45 20.78	-03 57 15.9		372
1992 JR		1992 05 25.57813	15 44 38.88	-04 01 16.7	16.5	372
1992 JR		1992 05 25.58854	15 44 38.35	-04 01 19.7		372
1992 KA	*	1992 05 24.61111	14 47 49.60	-12 41 49.6	18	372
1992 KA		1992 05 24.61944	14 47 49.14	-12 41 50.3		372
1992 KA		1992 05 25.52604	14 47 07.51	-12 37 32.7	18	372
1992 KA		1992 05 25.53717	14 47 07.01	-12 37 28.3		372
1992 KA		1992 05 28.58125	14 44 52.86	-12 23 53.1	17.5	372
1992 KA		1992 05 28.59167	14 44 52.33	-12 23 50.5		372
1992 KA		1992 06 03.52569	14 41 02.20	-12 00 25.1	18	372
1992 KA		1992 06 03.53890	14 41 01.53	-12 00 20.7		372
1992 KB	*	1992 05 24.62709	15 40 10.36	-13 28 39.8	18	372
1992 KB		1992 05 24.63542	15 40 09.67	-13 28 37.8		372
1992 KB		1992 05 25.59965	15 39 44.54	-13 30 04.7	18	372
1992 KB		1992 05 25.61076	15 39 43.90	-13 30 01.6		372
1992 KC	*	1992 05 24.62709	15 42 08.77	-12 51 30.8	17.5	372
1992 KC		1992 05 24.63542	15 42 08.31	-12 51 30.8		372
1992 KC		1992 05 25.59965	15 41 15.83	-12 47 28.6	17.5	372

1992 KC	1992 05	25.61076	15 41	15.26	-12 47	24.4			372
1992 KC	1992 05	26.64444	15 40	19.96	-12 43	13.4	17.5		372
1992 KC	1992 05	28.62465	15 38	35.72	-12 35	38.9	17		372
1992 KC	1992 06	01.63472	15 35	16.28	-12 22	04.7	17		372
1992 KC	1992 06	01.64514	15 35	15.69	-12 22	03.5			372
1992 KF	* 1992 05	25.62083	15 57	55.54	-18 40	35.9	17		372
1992 KF	1992 05	25.63194	15 57	55.00	-18 40	36.6			372
1992 KF	1992 05	26.61111	15 56	49.03	-18 46	18.2	16.5		372
1992 KF	1992 05	26.61944	15 56	48.28	-18 46	21.1			372
1992 KF	1992 05	30.67326	15 52	18.59	-19 09	34.5	16.5		372
1992 KF	1992 05	30.68333	15 52	18.20	-19 09	35.3			372
1992 KF	1992 05	30.71233	15 52	16.17	-19 09	47.0			372
1992 KF	1992 06	01.58646	15 50	14.73	-19 20	31.6	17		372
1992 KF	1992 06	01.59792	15 50	14.14	-19 20	33.6			372
(938)	1992 06	03.52569	14 37	49.08	-11 49	15.8	16.5		372
(938)	1992 06	03.53890	14 37	48.69	-11 49	14.0			372
(1791)	1989 05	31.61111	15 26	02.12	-12 39	15.2	16.5		372
(1791)	1989 05	31.62465	15 26	01.48	-12 39	10.3			372
(2510)	1992 04	13.73194	15 39	22.08	-11 15	51.1	16.5		372
(2510)	1992 04	13.74375	15 39	21.71	-11 15	43.3			372
(3208)	1992 05	24.61111	14 48	15.06	-12 33	24.6	17.5		372
(3208)	1992 05	24.61944	14 48	14.56	-12 33	22.8			372
(3208)	1992 05	25.52604	14 47	39.18	-12 31	13.7	17		372
(3208)	1992 05	25.53717	14 47	38.69	-12 31	10.3			372
(3491)	1992 05	24.62709	15 41	18.22	-13 39	07.6	18		372
(3491)	1992 05	24.63542	15 41	17.85	-13 39	06.1			372
(3491)	1992 05	25.59965	15 40	29.30	-13 36	25.9	17.5		372
(3491)	1992 05	25.61076	15 40	28.76	-13 36	22.1			372
(3565)	1989 05	31.61111	15 25	54.17	-12 43	47.3	18		372
(3565)	1989 05	31.62465	15 25	53.49	-12 43	52.6			372
(3793)	1992 05	24.70417	15 47	44.70	-03 52	46.0	16.5		372
(3793)	1992 05	25.57813	15 47	19.63	-03 50	23.2	16		372
(4213)	1991 10	01.73090	01 37	16.38	+15 06	08.5	17		372
(4213)	1991 10	01.74167	01 37	15.73	+15 06	04.6			372
(4522)	1989 02	13.65694	10 06	10.79	+16 40	06.9	17		372
(4522)	1989 02	13.67014	10 06	10.34	+16 40	14.7			372

374 Minami-Oda

T. Nomura, 1-1-8, Yamate, Tarumi-Ku, Kobe 655, Japan

Observer M. Sugano

Measurer T. Nomura

0.25-m f/3.4 Schmidt camera

GSC

1990 XA	1992 04	22.54583	13 23	58.20	-21 27	56.1	15	V	374
1990 XA	1992 04	22.57778	13 23	56.69	-21 27	42.9			374
1990 XA	1992 04	26.65521	13 20	44.80	-21 00	43.4			374
1990 XA	1992 04	26.67604	13 20	43.9	-21 00	33			374
1990 XA	1992 04	26.68740	13 20	43.24	-21 00	30.5			374
1992 GZ	1992 05	03.62194	14 29	57.28	-18 14	59.1	15	V	374
1992 GZ	1992 05	03.64417	14 29	56.12	-18 14	56.8			374
1992 GZ	1992 05	03.65528	14 29	55.48	-18 14	55.1			374

385 Nihondaira Observatory Oohira station

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

0.25-m f/3.4 hyperboloid astrocamera

GSC

1990 UF3	1992 05	03.67986	15 58	09.74	-23 02	54.5	16.5		385
1990 UF3	1992 05	03.68750	15 58	09.37	-23 02	51.2			385
1990 UF3	1992 05	11.68021	15 49	48.79	-23 08	11.4	16		385

1990 UF3	1992 05	11.69444	15 49	47.89	-23 08	12.1			385
1990 UF3	1992 05	25.56181	15 34	17.79	-23 03	54.8	15.8		385
1990 UF3	1992 05	25.56944	15 34	17.31	-23 03	55.6			385
1990 UF3	1992 05	30.56875	15 29	04.80	-22 59	29.8	16.3		385
1990 UF3	1992 05	30.57569	15 29	04.31	-22 59	29.1			385
1990 XK	1992 05	11.70174	16 02	41.42	-26 36	10.2	16		385
1990 XK	1992 05	11.70764	16 02	41.27	-26 36	08.0			385
1990 XK	1992 05	30.58264	15 45	14.23	-24 03	36.0	15.8		385
1990 XK	1992 05	30.59028	15 45	13.86	-24 03	32.5			385
1992 CO3	1992 02	02.50833	07 47	38.04	+11 19	05.8	16.5		385
1992 CO3	1992 02	02.51597	07 47	37.71	+11 19	08.2			385
1992 JC	1992 05	25.53576	14 24	08.95	-18 45	43.4	16.3		385
1992 JC	1992 05	25.54375	14 24	08.61	-18 45	42.4			385
1992 JC	1992 05	25.55278	14 24	08.15	-18 45	43.3			385
(3861)	1992 05	11.67292	15 10	03.99	-12 08	56.3	15		385
(3861)	1992 05	11.68750	15 10	03.31	-12 08	50.7			385

399 Kushiro

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

Observers S. Ueda, M. Matsuyama

Measurer H. Kaneda

0.25-m f/3.5 reflector, 0.22-m f/3.0 Schmidt camera

GSC

1987 YF2	1988 01	10.46192	07 30	22.68	+13 15	40.0	16.5		399
1987 YF2	1988 01	10.47743	07 30	21.86	+13 15	45.5			399
1987 YF2	1988 01	10.49531	07 30	20.88	+13 15	53.5			399
1987 YF2	1988 01	11.45833	07 29	24.28	+13 21	54.3	16.5		399
1987 YF2	1988 01	11.47443	07 29	23.47	+13 22	00.9			399
1987 YF2	1988 01	11.50372	07 29	21.84	+13 22	12.3			399
1990 QP5	1988 01	11.45833	07 28	45.56	+13 20	46.5	16.5		399
1990 QP5	1988 01	11.47443	07 28	44.61	+13 20	50.6			399
1990 QP5	1988 01	11.50372	07 28	42.83	+13 20	58.7			399
1992 HK	1992 05	20.49157	14 46	15.84	-10 38	57.2	17		399
1992 HK	1992 05	20.50650	14 46	15.19	-10 38	55.8			399
1992 JN	1992 04	27.59549	15 07	26.09	-12 20	17.8	17		399
1992 JN	1992 04	27.61134	15 07	25.31	-12 20	17.0			399
1992 JN	* 1992 05	02.57083	15 02	39.94	-12 20	59.1	16.5		399
1992 JN	1992 05	02.58646	15 02	39.10	-12 20	59.2			399
1992 JO	1992 04	27.59549	15 08	39.47	-12 07	33.9	17		399
1992 JO	1992 04	27.61134	15 08	38.43	-12 07	32.4			399
1992 JO	* 1992 05	02.57083	15 03	30.73	-11 54	42.9	17		399
1992 JO	1992 05	02.58646	15 03	29.62	-11 54	40.0			399
(5215)	1992 05	02.58472	15 36	34.48	+04 46	44.5	16		399
(5215)	1992 05	02.60278	15 36	33.51	+04 46	50.2			399
(5215)	1992 05	02.62187	15 36	32.70	+04 46	53.4			399
(5215)	1992 05	02.63542	15 36	31.91	+04 46	55.3			399

400 Kitami

K. Watanabe, 3-8 Mason Hashimoto B-203, atsubetsu cyuo 3 jo 4 chome,
Atsubetsu-ku, Sapporo 004, Japan

Observer K. Endate

Measurer K. Watanabe

0.25-m f/2.5 Schmidt

GSC

1966 CL	1992 03	28.60556	13 38	28.81	-04 28	05.1	16.0		400
1966 CL	1992 03	28.62674	13 38	27.91	-04 27	56.3			400
1991 CB	1992 05	06.58958	15 31	57.86	+07 11	35.5	16.5		400
1991 CB	1992 05	06.60903	15 31	56.65	+07 11	41.8			400

1992 FR	1992 04	19.45625	12 14	23.41	+03 10	31.8	15.5	400
1992 FR	1992 04	19.48056	12 14	22.92	+03 10	50.1		400
1992 GG	1992 05	02.50833	13 47	29.76	+02 09	08.3	16.5	400
1992 GG	1992 05	02.52847	13 47	28.88	+02 09	11.8		400
1992 JP	* 1992 05	02.59583	15 41	27.24	+05 49	52.6	16.5	400
1992 JP	1992 05	02.61528	15 41	26.07	+05 49	56.9		400
1992 JP	1992 05	06.58958	15 38	33.08	+06 02	19.3	16.5	400
1992 JP	1992 05	06.60903	15 38	32.22	+06 02	22.6		400
1992 JP	1992 05	19.48993	15 28	46.55	+06 21	51.8	16.5	400
1992 JP	1992 05	19.50590	15 28	45.50	+06 21	47.9		400
1992 JP	1992 05	28.50243	15 22	13.31	+06 15	16.3	16.5	400
1992 JP	1992 05	28.52118	15 22	12.62	+06 15	15.1		400
1992 JP	1992 05	28.53472	15 22	11.96	+06 15	14.2		400
(5215)	1992 05	06.58958	15 33	19.58	+05 01	22.6	15.5	400
(5215)	1992 05	06.60903	15 33	18.52	+05 01	26.5		400
(5215)	1992 05	19.48993	15 22	14.27	+05 21	31.9	15.5	400
(5215)	1992 05	19.50590	15 22	13.45	+05 21	32.9		400
(5215)	1992 05	28.50243	15 14	51.60	+05 08	46.3	15.5	400
(5215)	1992 05	28.52118	15 14	50.63	+05 08	44.5		400
(5215)	1992 05	28.53472	15 14	50.00	+05 08	41.6		400

402 Dynic Astronomical Observatory

A. Sugie, Dynic Astronomical Observatory, Taga 270, Taga-Cho, Inukami-Gun,
Shiga-Ken, 522-03, Japan

0.25-m f/3.4 Schmidt

PPM

1989 YK8	1992 05	04.68264	16 05	22.75	-11 37	38.7	15.5	402
1989 YK8	1992 05	04.69722	16 05	22.07	-11 37	37.8		402
1989 YK8	1992 05	05.62225	16 04	43.66	-11 35	29.3		402
1989 YK8	1992 05	05.63819	16 04	43.06	-11 35	26.3		402
1992 EE1	1992 04	26.56597	12 21	57.65	+07 04	58.0	16.0	402
1992 EE1	1992 04	26.57986	12 21	56.63	+07 04	44.3		402
1992 EE1	1992 05	05.52714	12 13	26.92	+04 22	31.1	16.5	402
1992 EE1	1992 05	05.54167	12 13	26.23	+04 22	15.0		402
1992 EM1	1992 04	22.58056	13 02	32.04	+14 43	29.2	17.0	402
1992 EM1	1992 04	22.59444	13 02	31.31	+14 43	30.8		402
1992 EM1	1992 04	26.59167	12 59	31.52	+14 36	35.1		402
1992 EM1	1992 04	26.60556	12 59	30.96	+14 36	34.6		402
1992 EU1	1992 04	22.60556	13 43	47.87	+04 08	39.3	16.0	402
1992 EU1	1992 04	22.61892	13 43	47.17	+04 08	41.3		402
1992 EU1	1992 04	26.61667	13 40	12.69	+04 17	52.5		402
1992 EU1	1992 04	26.63264	13 40	11.87	+04 17	54.9		402
1992 EU1	1992 05	05.55139	13 33	10.38	+04 22	15.2	16.0	402
1992 EU1	1992 05	05.56458	13 33	09.78	+04 22	14.1		402
1992 JN1	* 1992 05	06.67639	16 37	45.79	-10 04	17.3	16.5	402
1992 JN1	1992 05	06.69375	16 37	44.99	-10 04	18.4		402
1992 JN1	1992 05	25.61458	16 20	39.77	-10 46	41.5	16.0	402
1992 JN1	1992 05	25.63056	16 20	38.69	-10 46	45.2		402
1992 JN1	1992 05	28.56597	16 17	36.64	-10 57	05.8		402
1992 JN1	1992 05	28.57917	16 17	35.75	-10 57	05.5		402
1992 KE	* 1992 05	25.61458	16 05	23.71	-11 00	57.8	16.0	402
1992 KE	1992 05	25.63056	16 05	22.54	-11 01	00.4		402
1992 KE	1992 05	28.56597	16 02	29.19	-11 02	51.5		402
1992 KE	1992 05	28.57917	16 02	28.27	-11 02	51.8		402

413 Siding Spring

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

Observers R. H. McNaught, D. I. Steel

Measurer R. H. McNaught

Uppsala Southern Schmidt, 1.0-m reflector + CCD

1992 CC1	1992 04	22.46530	09 42	32.30	+06 36	39.8	413
1992 CC1	1992 04	22.46853	09 42	32.28	+06 36	37.6	413
1992 EC1	1992 04	22.52595	11 01	09.26	+03 00	13.2	413
1992 EC1	1992 04	22.52975	11 01	09.38	+03 00	17.1	413
1992 FM1	1992 05	08.37662	12 31	28.04	-44 06	29.6	413
1992 GH	1992 05	08.38322	12 19	08.56	-27 51	47.5	413
1992 HE	1992 05	07.75266	04 04	42.54	-81 13	41.1	p 413
1992 HE	1992 05	09.37535	04 07	50.28	-78 06	55.8	413

553 Chorzow

I. Wlodarczyk, Planetarium and Astronomical Observatory,
PL-41501 Chorzow 1 s.p.10, Poland

Observers I. Wlodarczyk, T. Firszt, J. Kuczynski, J. Szczepanik

Measurers B. Osiejuk, T. Piwek

0.2-m f/5 astrograph

(4)	1992 02	27.90035	11 46	24.80	+13 15	49.4	553
(4)	1992 02	27.91782	11 46	23.97	+13 15	59.2	553
(4)	1992 02	27.94363	11 46	22.60	+13 16	11.8	553
(4)	1992 03	04.88139	11 41	24.94	+14 06	56.2	553
(4)	1992 03	04.90204	11 41	23.89	+14 07	05.3	553
(4)	1992 03	04.92292	11 41	22.75	+14 07	15.7	553
(4)	1992 03	05.90466	11 40	30.60	+14 15	26.7	553
(4)	1992 03	05.92639	11 40	29.39	+14 15	37.6	553
(4)	1992 03	05.94719	11 40	27.76	+14 15	47.8	553

573 Eldagsen

W. Bonk, Nordstrasse 33, W-3257 Springe 3, Federal Republic of Germany

AGK3

(354)	1992 04	20.88185	14 53	09.56	+12 45	27.8	573
(354)	1992 04	20.89302	14 53	09.03	+12 45	32.9	573
(486)	1992 04	20.85558	13 30	44.77	+12 44	38.0	573
(486)	1992 04	20.86698	13 30	44.14	+12 44	37.6	573

597 Springe

N. Ehring, Detmoldstrasse 8, W-3000 Hannover 1, Federal Republic of Germany

(29)	1992 01	08.00064	06 47	25.66	+32 51	42.3	597
(29)	1992 01	08.00956	06 47	25.06	+32 51	41.9	597
(354)	1992 04	27.96024	14 47	39.47	+13 27	39.8	597
(354)	1992 04	27.96667	14 47	39.19	+13 27	41.7	597
(393)	1991 11	09.91640	01 19	43.00	+09 09	40.7	597
(393)	1991 11	09.92512	01 19	42.74	+09 09	35.1	597
(486)	1992 04	05.89459	13 44	29.56	+12 08	44.8	597
(486)	1992 04	05.90256	13 44	29.11	+12 08	46.6	597
(657)	1991 12	10.81148	04 36	58.62	+33 21	43.3	597
(657)	1991 12	10.82049	04 36	58.05	+33 21	39.3	597
(747)	1992 04	29.95119	15 15	12.18	+06 51	13.3	597
(747)	1992 04	29.96088	15 15	11.77	+06 51	15.4	597
(852)	1992 04	05.87670	12 00	15.54	+17 47	22.7	597
(852)	1992 04	05.88104	12 00	15.21	+17 47	22.4	597

599 Astronomical Observatory, Campo Imperatore

M. Scardia, Osservatorio Astronomico di Brera, Via E. Bianchi 46, I-22055
Merate, Italy

Observer D. Ghiringhelli

(243)	1990 08	22.03343	23 07	48.50	-05 05	39.5	599
(551)	1990 08	22.03343	23 01	26.88	-06 33	48.2	599
(1764)	1990 08	22.03343	23 01	54.71	-06 37	04.3	599

675 Palomar

E. Helin, MS 183-501, Jet Propulsion Laboratory, Pasadena,
CA 91109, U.S.A. (2)

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

C. J. van Houten, Sterrewacht Leiden, Postbus 9513, NL-2300 RA Leiden,
The Netherlands (4)E. Bowell, Lowell Observatory, 1400 West Mars Hill Road,
Flagstaff, AZ 86001, U.S.A. (6)

9 = 3 + 6

Observers J. Alu (2, S), T. Gehrels (4, L), E. Helin (2, S), H. E. Holt
(9, S), K. Lawrence (2, S), D. H. Levy (3, S), P. Rose (2, S), C. S.
Shoemaker (3, S), E. M. Shoemaker (3, S)Measurers J. Alu (2), B. M. Cudnik (3), K. Lawrence (2), C. M. Olmstead (9),
P. Rose (2), C. S. Shoemaker (3), B. A. Skiff (9), C. J. van Houten (4),
I. van Houten-Groeneveld (4), A. Wisse (4)

1.2-m (L) and 0.46-m (S) Schmidt telescopes

1969 TA	1991 09 14.42865	01 09 30.00	+17 32 49.0	16.5	9	675
1969 TA	1991 09 14.47951	01 09 28.20	+17 32 36.8		9	675
1974 QM2	1991 09 14.42865	01 17 15.50	+13 08 30.5	17.5	9	675
1974 QM2	1991 09 14.47951	01 17 13.04	+13 08 28.9		9	675
1978 UV	1991 09 13.34861	01 49 37.27	+04 19 31.6		9	675
1978 UV	1991 09 13.38333	01 49 36.87	+04 19 31.2		9	675
1978 UV	1991 09 15.44514	01 49 09.32	+04 19 17.9		9	675
1978 UV	1991 09 15.49358	01 49 08.45	+04 19 17.3		9	675
1979 OQ5	1991 09 14.42865	01 38 07.62	+17 04 54.8	18.0	9	675
1979 OQ5	1991 09 14.47951	01 38 06.09	+17 04 51.4		9	675
1980 LE1	1992 05 02.16354	09 46 05.27	-02 18 52.4	16.5	2	675
1980 LE1	1992 05 02.18646	09 46 06.14	-02 18 47.6		2	675
1981 CB1	1992 04 07.43263	15 09 42.25	-17 50 57.0		9	675
1981 CB1	1992 04 07.46979	15 09 40.60	-17 50 55.1		9	675
1981 CB1	1992 04 08.35277	15 09 02.13	-17 50 38.4	17.8	9	675
1981 EG1	1991 09 11.41615	01 37 32.70	+09 12 34.8	18.5	9	675
1981 EG1	1991 09 11.46911	01 37 31.02	+09 12 29.9	17.8	9	675
1981 EG1	1991 09 13.44965	01 36 31.13	+09 08 51.8		9	675
1981 EG1	1991 09 13.48941	01 36 29.79	+09 08 46.4		9	675
1981 FR	1991 09 12.39913	02 29 44.09	+07 44 45.4	18.8	9	675
1981 FR	1991 09 12.45133	02 29 43.68	+07 44 22.7		9	675
1981 FR	1991 09 14.51262	02 29 24.40	+07 30 04.4	18.8	9	675
1981 QH2	1991 09 13.34861	01 47 23.29	+05 58 14.9	16.8	9	675
1981 QH2	1991 09 13.38333	01 47 23.03	+05 58 03.4		9	675
1981 QH2	1991 09 15.44514	01 47 06.74	+05 45 06.6	16.8	9	675
1981 QH2	1991 09 15.49358	01 47 06.04	+05 44 47.7		9	675
1982 BQ2	1991 09 13.34861	01 49 31.95	+05 40 25.3	18.0	9	675
1982 BQ2	1991 09 13.38333	01 49 31.38	+05 40 13.4		9	675
1982 BQ2	1991 09 15.44514	01 49 01.05	+05 29 48.4	18.2	9	675
1982 BQ2	1991 09 15.49358	01 49 00.16	+05 29 33.4		9	675
1983 CE	1992 04 03.38160	13 49 05.29	+13 28 21.1	16.2	3	675
1983 CE	1992 04 03.41840	13 49 03.47	+13 28 39.3		3	675
1983 CE	1992 04 05.45469	13 47 31.08	+13 44 15.2		3	675
1983 CE	1992 04 26.29809	13 30 58.11	+15 19 10.8	16.5	3	675
1983 CE	1992 04 30.24722	13 28 08.90	+15 22 03.0		3	675
1984 JA2	1991 09 12.39913	02 11 08.60	+03 46 22.3	17.5	9	675
1984 JA2	1991 09 12.45133	02 11 07.48	+03 46 16.9	18.0	9	675
1984 JA2	1991 09 14.48802	02 10 22.88	+03 42 39.2	17.8	9	675
1984 JA2	1991 09 14.51262	02 10 22.18	+03 42 35.7		9	675
1985 HS1	1992 04 05.23542	10 16 22.99	+04 47 14.8	17.3	3	675
1985 HS1	1992 04 05.27031	10 16 23.02	+04 47 55.6		3	675
1985 XB	1992 05 27.38264	17 01 14.67	-22 48 07.8	16.5	2	675
1985 XB	1992 05 27.40451	17 01 12.39	-22 48 31.2		2	675

1985 XB	1992 05	30.38524	16 55	51.68	-23 36	00.1		2	675
1985 XB	1992 05	30.40694	16 55	49.29	-23 36	23.6		2	675
1986 GC	1991 09	12.39913	02 15	49.72	+06 42	02.6	18.8	9	675
1986 GC	1991 09	12.45133	02 15	48.45	+06 41	56.9		9	675
1986 GC	1991 09	14.48802	02 15	05.51	+06 38	25.4	18.5	9	675
1986 GC	1991 09	14.51262	02 15	04.79	+06 38	20.9		9	675
1986 PE	1992 05	02.17535	11 41	36.91	-10 09	59.4	16.5	2	675
1986 PE	1992 05	02.19757	11 41	36.57	-10 09	51.0		2	675
1986 QS	1991 09	14.42865	01 31	31.78	+15 34	28.5	16.8	9	675
1986 QS	1991 09	14.47951	01 31	30.16	+15 34	37.2		9	675
1986 RT5	1991 12	03.30885	03 43	40.34	+25 03	25.6	17.5	9	675
1986 RT5	1991 12	03.34131	03 43	38.59	+25 03	15.2		9	675
1987 WY	1991 09	11.43663	01 36	15.01	+25 23	05.1	16.5	9	675
1987 WY	1991 09	11.48964	01 36	14.93	+25 23	01.8		9	675
1987 WY	1991 09	13.52378	01 36	13.63	+25 19	13.4		9	675
1987 WY	1991 09	17.48420	01 35	49.21	+25 07	38.2		9	675
1987 WY	1991 09	17.51667	01 35	48.70	+25 07	31.1	16.5	9	675
1988 AG	1991 09	14.42865	01 29	42.21	+17 21	10.7	18.5	9	675
1988 AG	1991 09	14.47951	01 29	40.48	+17 21	14.2		9	675
1988 AE5	1991 09	13.34861	01 52	47.10	+00 01	40.0	18.0	9	675
1988 AE5	1991 09	13.38333	01 52	46.44	+00 01	27.5		9	675
1988 AE5	1991 09	15.44514	01 52	01.33	-00 11	41.3	17.5	9	675
1988 AE5	1991 09	15.49358	01 52	00.34	-00 11	59.4		9	675
1988 EF	1992 05	01.28420	14 14	40.48	-00 43	07.5	16.5	2	675
1988 EF	1992 05	01.30885	14 14	39.11	-00 42	49.8		2	675
1988 KC	1992 05	02.33403	14 34	18.34	-17 07	30.7	15.5	2	675
1988 KC	1992 05	02.35660	14 34	17.14	-17 07	18.8		2	675
1988 XT	1991 09	11.41615	01 34	07.37	+11 05	21.4	18.0	9	675
1988 XT	1991 09	11.46911	01 34	05.92	+11 05	14.1		9	675
1988 XT	1991 09	13.44965	01 33	10.80	+11 00	17.2		9	675
1988 XT	1991 09	13.48941	01 33	09.53	+11 00	10.9		9	675
1989 BS1	1991 09	11.41615	01 52	09.58	+14 17	29.0	17.5	9	675
1989 BS1	1991 09	11.46911	01 52	08.79	+14 17	32.9		9	675
1989 BS1	1991 09	13.44965	01 51	44.89	+14 20	02.2		9	675
1989 BS1	1991 09	13.48941	01 51	44.17	+14 20	01.0		9	675
1989 CJ1	1992 05	30.31615	15 44	29.72	+31 25	27.6	16.5	2	675
1989 CJ1	1992 05	30.34566	15 44	27.69	+31 25	16.3		2	675
1989 CJ1	1992 06	02.26910	15 41	26.02	+31 05	21.3		2	675
1989 CJ1	1992 06	02.29184	15 41	24.55	+31 05	11.3		2	675
1989 NO	1990 11	18.43924	05 27	56.98	+30 25	37.9	17.0	2	675
1989 NO	1990 11	18.46771	05 27	55.22	+30 25	40.4		2	675
1989 NO	1992 05	02.26615	13 25	16.16	-15 11	53.8	15.5	2	675
1989 NO	1992 05	02.29705	13 25	14.33	-15 11	47.5		2	675
1990 FQ1	1991 09	11.43663	01 38	20.92	+23 30	04.6	16.5	9	675
1990 FQ1	1991 09	11.48964	01 38	19.75	+23 29	38.6		9	675
1990 FQ1	1991 09	13.52378	01 37	34.68	+23 12	42.1		9	675
1990 FQ1	1991 09	17.48420	01 35	47.98	+22 35	55.2		9	675
1990 FQ1	1991 09	17.51667	01 35	46.91	+22 35	36.0	16.8	9	675
1990 TZ	1992 05	01.37865	15 04	26.94	-26 22	18.8	15.5	2	675
1990 TZ	1992 05	01.40122	15 04	25.45	-26 22	03.9		2	675
1990 TZ	1992 05	02.28472	15 03	30.74	-26 11	42.3		2	675
1990 XB1	1992 05	01.42396	16 29	19.90	-07 32	01.8	14.5	2	675
1990 XB1	1992 05	01.44028	16 29	19.20	-07 32	02.7		2	675
1990 XB1	1992 05	03.38663	16 27	58.64	-07 33	22.4		2	675
1990 XB1	1992 05	03.40903	16 27	57.63	-07 33	24.6		2	675
1991 NP	1986 01	06.31337	06 50	50.74	+24 26	02.6		2	675
1991 NP	1986 01	06.33854	06 50	48.57	+24 25	51.5		2	675
1991 NP	1986 01	07.28889	06 49	34.27	+24 19	23.9	16	2	675
1991 NP	1986 01	07.30833	06 49	32.61	+24 19	14.2		2	675

1991 PG1	1991 09 07.20868	21 43 38.36	-26 17 09.9	16.0	2 675
1991 PG1	1991 09 07.23924	21 43 37.89	-26 17 28.3		2 675
1991 PG1	1991 09 09.18021	21 43 16.55	-26 35 33.2		2 675
1991 PG1	1991 09 09.21302	21 43 15.91	-26 35 50.2		2 675
1991 RL4	1991 09 14.42865	01 40 52.88	+14 55 06.1	17.8	9 675
1991 RL4	1991 09 14.47951	01 40 51.57	+14 55 10.7		9 675
1991 RP8	1991 09 13.34861	01 28 55.96	+02 59 25.7	17.5	9 675
1991 RP8	1991 09 13.38333	01 28 54.91	+02 59 15.0		9 675
1991 RP8	1991 09 15.44514	01 27 50.78	+02 47 51.9		9 675
1991 RP8	1991 09 15.49358	01 27 49.27	+02 47 37.0		9 675
1991 RP10	1991 09 14.42865	01 21 19.95	+12 15 24.7	17.8	9 675
1991 RP10	1991 09 14.47951	01 21 18.27	+12 15 17.9		9 675
1991 RT10	1991 09 14.42865	01 22 33.36	+12 01 12.6	17.8	9 675
1991 RT10	1991 09 14.47951	01 22 31.63	+12 01 11.0		9 675
1991 RX10	1991 09 14.42865	01 24 29.53	+12 20 00.0	17.5	9 675
1991 RX10	1991 09 14.47951	01 24 27.26	+12 20 12.8		9 675
1991 RY10	1991 09 13.34861	01 29 15.98	+05 14 53.8	17.8	9 675
1991 RY10	1991 09 13.38333	01 29 15.25	+05 14 53.9		9 675
1991 RZ10	1991 09 13.34861	01 35 49.30	+06 03 42.0	18.8	9 675
1991 RZ10	1991 09 13.38333	01 35 48.45	+06 03 35.3		9 675
1991 RZ10	1991 09 15.44514	01 34 53.53	+05 57 16.6	17.8	9 675
1991 RZ10	1991 09 15.49358	01 34 52.06	+05 57 05.8		9 675
1991 RA11	1991 09 11.41615	01 38 56.81	+07 55 23.4	17.5	9 675
1991 RA11	1991 09 11.46911	01 38 55.12	+07 55 26.2		9 675
1991 RA11	1991 09 13.44965	01 37 52.11	+07 56 45.4		9 675
1991 RA11	1991 09 13.48941	01 37 50.77	+07 56 45.4		9 675
1991 RB11	1991 09 11.41615	01 39 40.85	+08 58 37.5	17.8	9 675
1991 RB11	1991 09 11.46911	01 39 39.74	+08 58 29.2		9 675
1991 RB11	1991 09 13.44965	01 39 02.65	+08 53 13.8		9 675
1991 RB11	1991 09 13.48941	01 39 01.75	+08 53 06.5		9 675
1991 RC25	1991 09 13.34861	01 53 15.74	-00 11 19.1	17.8	9 675
1991 RC25	1991 09 13.38333	01 53 15.14	-00 11 28.2		9 675
1991 RC25	1991 09 15.44514	01 52 34.06	-00 20 58.8	17.5	9 675
1991 RC25	1991 09 15.49358	01 52 33.03	-00 21 12.3		9 675
1991 RE25	1991 09 15.44514	01 58 27.38	+00 49 56.7	18.0	9 675
1991 RE25	1991 09 15.49358	01 58 27.16	+00 49 35.2		9 675
1991 RP25	1991 09 13.34861	01 37 26.32	+01 12 59.5	18.2	9 675
1991 RP25	1991 09 13.38333	01 37 25.28	+01 12 57.1		9 675
1991 RP25	1991 09 15.44514	01 36 21.77	+01 10 19.2	18.0	9 675
1991 RP25	1991 09 15.49358	01 36 20.20	+01 10 16.4		9 675
1991 RQ25	1991 09 13.34861	01 39 54.49	+01 32 45.4	18.8	9 675
1991 RQ25	1991 09 13.38333	01 39 53.55	+01 32 39.0		9 675
1991 RQ25	1991 09 15.44514	01 39 00.69	+01 27 00.1	18.0	9 675
1991 RQ25	1991 09 15.49358	01 38 59.26	+01 26 51.5		9 675
1991 RR25	1991 09 13.34861	01 41 28.37	-00 02 03.9	17.5	9 675
1991 RR25	1991 09 13.38333	01 41 27.30	-00 02 15.6		9 675
1991 RR25	1991 09 15.44514	01 40 27.30	-00 13 39.1	17.5	9 675
1991 RR25	1991 09 15.49358	01 40 25.68	-00 13 55.1		9 675
1991 RS25	1991 09 13.34861	01 41 45.58	+00 08 29.5	17.8	9 675
1991 RS25	1991 09 13.38333	01 41 45.01	+00 08 14.6		9 675
1991 RS25	1991 09 15.44514	01 41 06.55	-00 06 49.7	17.8	9 675
1991 RS25	1991 09 15.49358	01 41 05.48	-00 07 11.0		9 675
1991 RT25	1991 09 13.34861	01 43 44.32	+00 54 29.1	18.2	9 675
1991 RT25	1991 09 13.38333	01 43 43.76	+00 54 08.7		9 675
1991 RT25	1991 09 15.44514	01 43 02.75	+00 34 30.5	18.0	9 675
1991 RT25	1991 09 15.49358	01 43 01.60	+00 34 03.2		9 675
1991 RU25	1991 09 13.34861	01 43 40.69	+00 41 23.3	18.5	9 675
1991 RU25	1991 09 13.38333	01 43 39.85	+00 41 16.7		9 675
1991 RU25	1991 09 15.44514	01 42 40.53	+00 35 45.1	17.8	9 675

1991	RU25		1991	09	15.49358	01	42	38.90	+00	35	37.3		9	675
1991	RX25		1991	09	13.34861	01	47	30.68	-00	21	02.6	17.0	9	675
1991	RX25		1991	09	13.38333	01	47	30.10	-00	21	11.2		9	675
1991	RX25		1991	09	15.44514	01	46	57.75	-00	30	30.7	16.8	9	675
1991	RX25		1991	09	15.49358	01	46	56.70	-00	30	43.9	17.0	9	675
1991	RJ26	*	1991	09	11.41615	01	40	46.85	+08	19	21.3	17.2	9	675
1991	RJ26		1991	09	11.46911	01	40	46.20	+08	19	32.1		9	675
1991	RJ26		1991	09	13.44965	01	40	26.70	+08	25	49.2		9	675
1991	RJ26		1991	09	13.48941	01	40	26.13	+08	25	56.5		9	675
1991	RK26	*	1991	09	11.41615	01	44	49.05	+07	37	32.1	18.0	9	675
1991	RK26		1991	09	11.46911	01	44	47.40	+07	37	37.6		9	675
1991	RK26		1991	09	13.34861	01	43	50.59	+07	41	01.4	18.8	9	675
1991	RK26		1991	09	13.38333	01	43	49.35	+07	41	06.2		9	675
1991	RK26		1991	09	13.44965	01	43	47.06	+07	41	11.9		9	675
1991	RK26		1991	09	13.48941	01	43	45.57	+07	41	16.0		9	675
1991	RK26		1991	09	15.44514	01	42	37.49	+07	44	16.6	18.5	9	675
1991	RK26		1991	09	15.49358	01	42	35.53	+07	44	19.6		9	675
1991	RL26	*	1991	09	11.41615	01	44	50.46	+09	41	21.0	18.2	9	675
1991	RL26		1991	09	11.46911	01	44	49.19	+09	41	19.6		9	675
1991	RL26		1991	09	13.44965	01	44	05.46	+09	40	21.3		9	675
1991	RL26		1991	09	13.48941	01	44	04.36	+09	40	19.9		9	675
1991	RM26	*	1991	09	11.41615	01	47	09.64	+13	17	53.0	17.8	9	675
1991	RM26		1991	09	11.46911	01	47	08.03	+13	17	50.7		9	675
1991	RM26		1991	09	13.44965	01	46	17.56	+13	16	20.5		9	675
1991	RM26		1991	09	13.48941	01	46	16.47	+13	16	18.9		9	675
1991	RN26	*	1991	09	11.41615	01	49	41.96	+13	00	28.2	17.8	9	675
1991	RN26		1991	09	11.46911	01	49	41.72	+13	00	13.2		9	675
1991	RN26		1991	09	13.44965	01	49	37.40	+12	50	54.7		9	675
1991	RN26		1991	09	13.48941	01	49	37.11	+12	50	42.1		9	675
1991	RO26	*	1991	09	11.41615	01	51	24.85	+12	59	37.9	17.8	9	675
1991	RO26		1991	09	11.46911	01	51	23.45	+12	59	28.2		9	675
1991	RO26		1991	09	13.44965	01	50	37.77	+12	53	28.2		9	675
1991	RO26		1991	09	13.48941	01	50	36.74	+12	53	20.7		9	675
1991	RP26	*	1991	09	11.41615	01	52	15.31	+11	54	46.1	18.5	9	675
1991	RP26		1991	09	11.46911	01	52	14.55	+11	54	48.5		9	675
1991	RP26		1991	09	13.44965	01	51	49.75	+11	55	52.0		9	675
1991	RP26		1991	09	13.48941	01	51	49.01	+11	55	52.2		9	675
1991	RQ26	*	1991	09	11.41615	01	52	24.80	+13	06	21.8	18.5	9	675
1991	RQ26		1991	09	11.46911	01	52	23.52	+13	06	24.8		9	675
1991	RQ26		1991	09	13.44965	01	51	39.31	+13	07	55.8		9	675
1991	RQ26		1991	09	13.48941	01	51	38.22	+13	07	58.0		9	675
1991	RR26	*	1991	09	11.41615	01	52	26.35	+14	23	00.5	18.8	9	675
1991	RR26		1991	09	11.46911	01	52	25.13	+14	23	09.6		9	675
1991	RR26		1991	09	13.44965	01	51	46.15	+14	28	10.6		9	675
1991	RR26		1991	09	13.48941	01	51	45.20	+14	28	15.9		9	675
1991	RS26	*	1991	09	11.41615	01	58	59.01	+08	31	37.8	18.2	9	675
1991	RS26		1991	09	11.46911	01	58	57.89	+08	31	35.0		9	675
1991	RS26		1991	09	13.44965	01	58	17.57	+08	30	22.9		9	675
1991	RS26		1991	09	13.48941	01	58	16.54	+08	30	20.8		9	675
1991	RT26	*	1991	09	11.41615	02	00	28.67	+12	39	57.8	16.8	9	675
1991	RT26		1991	09	11.46911	02	00	28.48	+12	39	33.3		9	675
1991	RT26		1991	09	13.44965	02	00	23.58	+12	23	55.5		9	675
1991	RT26		1991	09	13.48941	02	00	23.34	+12	23	35.9		9	675
1991	RU26	*	1991	09	11.41615	02	04	47.03	+11	57	42.4	17.8	9	675
1991	RU26		1991	09	11.46911	02	04	45.82	+11	57	49.4		9	675
1991	RU26		1991	09	13.44965	02	04	02.58	+12	01	57.1		9	675
1991	RU26		1991	09	13.48941	02	04	01.55	+12	02	01.9		9	675
1991	RV26	*	1991	09	11.41615	01	34	07.23	+12	24	32.4	18.2	9	675
1991	RV26		1991	09	11.46911	01	34	06.73	+12	24	52.6		9	675

1991 RV26		1991 09 14.42865	01 33 37.89	+12 42 57.9	17.8	9 675
1991 RV26		1991 09 14.47951	01 33 36.95	+12 43 14.9		9 675
1991 RW26	*	1991 09 13.34861	01 32 55.03	+03 32 16.0	18.0	9 675
1991 RW26		1991 09 13.38333	01 32 54.46	+03 31 59.5		9 675
1991 RW26		1991 09 15.44514	01 32 17.09	+03 15 31.9	18.0	9 675
1991 RW26		1991 09 15.49358	01 32 16.04	+03 15 08.5		9 675
1991 RX26	*	1991 09 13.34861	01 36 38.05	+02 24 26.6	16.5	9 675
1991 RX26		1991 09 13.38333	01 36 37.78	+02 24 14.3		9 675
1991 RX26		1991 09 15.44514	01 36 16.07	+02 12 06.9	16.8	9 675
1991 RX26		1991 09 15.49358	01 36 15.35	+02 11 49.0		9 675
1991 RY26	*	1991 09 13.34861	01 37 12.67	+05 07 21.3	17.5	9 675
1991 RY26		1991 09 13.38333	01 37 11.48	+05 07 21.0		9 675
1991 RY26		1991 09 15.44514	01 35 59.49	+05 07 26.6	18.0	9 675
1991 RY26		1991 09 15.49358	01 35 57.64	+05 07 26.1		9 675
1991 RZ26	*	1991 09 13.34861	01 37 50.22	+04 39 25.9	19.0	9 675
1991 RZ26		1991 09 13.38333	01 37 49.04	+04 39 22.5		9 675
1991 RZ26		1991 09 15.44514	01 36 38.57	+04 35 38.7	18.2	9 675
1991 RZ26		1991 09 15.49358	01 36 36.68	+04 35 35.2		9 675
1991 RA27	*	1991 09 13.34861	01 41 21.76	+06 33 33.0	18.0	9 675
1991 RA27		1991 09 13.38333	01 41 20.73	+06 33 22.0		9 675
1991 RA27		1991 09 15.44514	01 40 19.36	+06 22 06.1	17.8	9 675
1991 RA27		1991 09 15.49358	01 40 17.75	+06 21 49.5		9 675
1991 RB27	*	1991 09 13.34861	01 43 01.65	+04 11 33.2	18.2	9 675
1991 RB27		1991 09 13.38333	01 43 01.08	+04 11 22.6		9 675
1991 RB27		1991 09 15.44514	01 42 21.15	+04 00 31.9	18.0	9 675
1991 RB27		1991 09 15.49358	01 42 20.01	+04 00 16.4		9 675
1991 RC27	*	1991 09 13.34861	01 43 37.72	+02 32 05.7	17.0	9 675
1991 RC27		1991 09 13.38333	01 43 36.61	+02 32 11.1		9 675
1991 RC27		1991 09 15.44514	01 42 27.58	+02 37 48.2	17.0	9 675
1991 RC27		1991 09 15.49358	01 42 25.76	+02 37 56.1		9 675
1991 RD27	*	1991 09 13.34861	01 44 25.21	+02 46 46.1	18.8	9 675
1991 RD27		1991 09 13.38333	01 44 24.18	+02 46 44.3		9 675
1991 RD27		1991 09 15.44514	01 43 20.29	+02 45 09.3	18.5	9 675
1991 RD27		1991 09 15.49358	01 43 18.54	+02 45 06.1		9 675
1991 RE27	*	1991 09 13.34861	01 48 37.04	+06 34 26.4	18.0	9 675
1991 RE27		1991 09 13.38333	01 48 36.64	+06 34 25.7		9 675
1991 RE27		1991 09 15.44514	01 48 15.44	+06 33 56.7	17.8	9 675
1991 RE27		1991 09 15.49358	01 48 14.71	+06 33 55.7		9 675
1991 RF27	*	1991 09 13.34861	01 49 07.80	+01 52 39.3	18.5	9 675
1991 RF27		1991 09 13.38333	01 49 06.84	+01 52 38.1		9 675
1991 RF27		1991 09 15.44514	01 48 05.41	+01 49 44.5	18.5	9 675
1991 RF27		1991 09 15.49358	01 48 03.83	+01 49 41.4		9 675
1991 RG27	*	1991 09 13.34861	01 49 30.31	+06 14 49.8	18.8	9 675
1991 RG27		1991 09 13.38333	01 49 29.49	+06 14 38.2		9 675
1991 RG27		1991 09 15.44514	01 48 38.61	+06 02 51.1	18.0	9 675
1991 RG27		1991 09 15.49358	01 48 37.23	+06 02 33.3		9 675
1991 RH27	*	1991 09 13.34861	01 52 57.66	+05 27 07.5	18.2	9 675
1991 RH27		1991 09 13.38333	01 52 57.08	+05 26 54.5		9 675
1991 RH27		1991 09 15.44514	01 52 18.24	+05 13 23.7	17.8	9 675
1991 RH27		1991 09 15.49358	01 52 17.09	+05 13 04.2		9 675
1991 RJ27	*	1991 09 13.34861	01 59 10.43	+01 06 39.5	18.5	9 675
1991 RJ27		1991 09 13.38333	01 59 09.73	+01 06 29.9		9 675
1991 RJ27		1991 09 15.44514	01 58 27.30	+00 56 44.9	18.5	9 675
1991 RJ27		1991 09 15.49358	01 58 26.28	+00 56 30.4		9 675
1991 RK27	*	1991 09 15.44514	01 55 38.34	+07 00 53.6	18.2	9 675
1991 RK27		1991 09 15.49358	01 55 37.39	+07 00 44.4		9 675
1991 RL27	*	1991 09 11.43663	01 24 41.47	+22 23 37.8	17.5	9 675
1991 RL27		1991 09 11.48964	01 24 40.38	+22 23 15.4		9 675
1991 RL27		1991 09 13.52378	01 23 57.74	+22 08 46.2		9 675

1991 RL27		1991 09 17.48420	01 22 17.75	+21 36 52.8	17.8	9 675
1991 RL27		1991 09 17.51667	01 22 16.74	+21 36 37.2		9 675
1991 RM27	*	1991 09 11.43663	01 33 43.54	+23 44 55.1	18.0	9 675
1991 RM27		1991 09 11.48964	01 33 42.31	+23 45 10.3		9 675
1991 RM27		1991 09 17.48420	01 31 04.51	+24 10 30.9	18.0	9 675
1991 RM27		1991 09 17.51667	01 31 03.43	+24 10 38.3		9 675
1991 RN27	*	1991 09 11.43663	01 33 56.78	+23 15 15.8	17.5	9 675
1991 RN27		1991 09 11.48964	01 33 54.87	+23 15 30.2		9 675
1991 RN27		1991 09 13.52378	01 32 42.51	+23 25 03.3		9 675
1991 RN27		1991 09 17.48420	01 30 03.07	+23 41 31.5	17.5	9 675
1991 RN27		1991 09 17.51667	01 30 01.57	+23 41 39.4		9 675
1991 RO27	*	1991 09 12.39913	02 08 20.41	+07 30 03.1	18.5	9 675
1991 RO27		1991 09 12.45133	02 08 19.27	+07 30 06.1		9 675
1991 RO27		1991 09 14.48802	02 07 34.86	+07 32 12.2	18.2	9 675
1991 RO27		1991 09 14.51262	02 07 34.10	+07 32 13.8		9 675
1991 RP27	*	1991 09 12.39913	02 09 22.64	+10 21 35.1	18.2	9 675
1991 RP27		1991 09 12.45133	02 09 22.77	+10 21 16.1		9 675
1991 RP27		1991 09 14.48802	02 09 27.45	+10 08 24.2	18.0	9 675
1991 RP27		1991 09 14.51262	02 09 27.41	+10 08 13.9		9 675
1991 RQ27	*	1991 09 12.39913	02 11 05.32	+04 46 32.7	18.0	9 675
1991 RQ27		1991 09 12.45133	02 11 04.69	+04 46 20.0		9 675
1991 RQ27		1991 09 14.48802	02 10 42.94	+04 37 52.9	18.0	9 675
1991 RQ27		1991 09 14.51262	02 10 42.49	+04 37 44.9		9 675
1991 RR27	*	1991 09 12.39913	02 12 57.50	+05 37 32.5	18.5	9 675
1991 RR27		1991 09 12.45133	02 12 57.16	+05 37 18.8		9 675
1991 RR27		1991 09 14.48802	02 12 45.23	+05 28 14.0	18.0	9 675
1991 RR27		1991 09 14.51262	02 12 44.89	+05 28 07.0		9 675
1991 RS27	*	1991 09 12.39913	02 13 52.88	+07 32 28.1	18.8	9 675
1991 RS27		1991 09 12.45133	02 13 52.35	+07 32 32.9	18.5	9 675
1991 RS27		1991 09 14.48802	02 13 33.92	+07 35 20.2	17.0	9 675
1991 RS27		1991 09 14.51262	02 13 33.57	+07 35 22.3		9 675
1991 RT27	*	1991 09 12.39913	02 14 26.70	+07 10 41.1	18.5	9 675
1991 RT27		1991 09 12.45133	02 14 25.71	+07 10 44.4		9 675
1991 RT27		1991 09 14.48802	02 13 47.87	+07 12 21.0	18.5	9 675
1991 RT27		1991 09 14.51262	02 13 47.23	+07 12 22.4		9 675
1991 RU27	*	1991 09 12.39913	02 15 22.00	+09 26 54.5	18.2	9 675
1991 RU27		1991 09 12.45133	02 15 21.51	+09 26 43.9		9 675
1991 RU27		1991 09 14.48802	02 15 00.54	+09 20 22.7	18.2	9 675
1991 RU27		1991 09 14.51262	02 15 00.18	+09 20 17.6		9 675
1991 RV27	*	1991 09 12.39913	02 16 39.18	+09 59 14.2	18.2	9 675
1991 RV27		1991 09 12.45133	02 16 38.58	+09 59 13.9		9 675
1991 RV27		1991 09 14.48802	02 16 15.45	+09 58 03.9	18.0	9 675
1991 RV27		1991 09 14.51262	02 16 15.00	+09 58 01.7		9 675
1991 RW27	*	1991 09 12.39913	02 25 41.43	+08 06 38.9	18.0	9 675
1991 RW27		1991 09 12.45133	02 25 40.24	+08 06 46.2		9 675
1991 RW27		1991 09 14.48802	02 24 56.32	+08 11 36.7	18.0	9 675
1991 RW27		1991 09 14.51262	02 24 55.62	+08 11 40.0		9 675
1991 RX27	*	1991 09 14.42865	01 17 32.76	+19 42 34.7	17.2	9 675
1991 RX27		1991 09 14.47951	01 17 31.42	+19 42 34.8		9 675
1991 RX27		1991 09 17.48420	01 16 09.90	+19 42 04.0	17.2	9 675
1991 RX27		1991 09 17.51667	01 16 08.78	+19 42 02.7		9 675
1991 RY27	*	1991 09 14.42865	01 24 52.35	+18 49 13.8	17.5	9 675
1991 RY27		1991 09 14.47951	01 24 50.66	+18 49 10.3		9 675
1991 RY27		1991 09 17.48420	01 23 08.29	+18 44 26.8	18.0	9 675
1991 RY27		1991 09 17.51667	01 23 06.95	+18 44 21.0		9 675
1991 SM1		1991 09 14.42865	01 27 43.37	+12 27 19.9	17.2	9 675
1991 SM1		1991 09 14.47951	01 27 41.97	+12 27 11.9		9 675
1991 SN1		1991 09 14.42865	01 27 02.82	+12 36 27.4	17.5	9 675
1991 SN1		1991 09 14.47951	01 27 01.91	+12 36 10.3		9 675

1991 SM2	1991 09	11.41615	01 40	43.37	+09	11 49.1	18.2	9	675
1991 SM2	1991 09	11.46911	01 40	41.80	+09	11 52.2		9	675
1991 SM2	1991 09	13.44965	01 39	45.73	+09	13 38.3		9	675
1991 SM2	1991 09	13.48941	01 39	44.38	+09	13 39.3		9	675
1991 SM2	* 1991 09	16.46272	01 38	06.17	+09	15 19.3		9	675
1991 SM2	1991 09	16.49449	01 38	04.90	+09	15 20.2	18.0	9	675
1991 SN2	1991 09	15.44514	01 32	19.57	+00	47 56.5	18.0	9	675
1991 SN2	1991 09	15.49358	01 32	18.78	+00	47 38.4		9	675
1991 SN2	* 1991 09	16.44878	01 32	03.02	+00	41 53.7	18.0	9	675
1991 SN2	1991 09	16.48472	01 32	02.30	+00	41 42.7		9	675
1991 SO2	1991 09	15.44514	01 38	37.43	+01	09 23.7	18.0	9	675
1991 SO2	1991 09	15.49358	01 38	36.16	+01	09 00.2		9	675
1991 SO2	* 1991 09	16.44878	01 38	14.35	+01	01 34.3	18.2	9	675
1991 SO2	1991 09	16.48472	01 38	13.37	+01	01 17.5		9	675
1991 SP2	1991 09	13.34861	01 46	58.66	+01	28 17.4	18.5	9	675
1991 SP2	1991 09	13.38333	01 46	58.12	+01	27 54.1		9	675
1991 SP2	1991 09	15.44514	01 46	18.25	+01	05 01.0	18.5	9	675
1991 SP2	1991 09	15.49358	01 46	17.13	+01	04 28.6		9	675
1991 SP2	* 1991 09	16.44878	01 45	56.51	+00	53 40.3	18.5	9	675
1991 SP2	1991 09	16.48472	01 45	55.58	+00	53 16.1		9	675
1991 SQ2	1991 09	13.34861	01 51	14.62	+00	37 33.3	18.5	9	675
1991 SQ2	1991 09	13.38333	01 51	14.17	+00	37 18.2		9	675
1991 SQ2	1991 09	15.44514	01 50	41.99	+00	21 12.7	18.0	9	675
1991 SQ2	1991 09	15.49358	01 50	41.07	+00	20 50.1	18.2	9	675
1991 SQ2	* 1991 09	16.44878	01 50	24.36	+00	13 14.0	18.0	9	675
1991 SQ2	1991 09	16.48472	01 50	23.56	+00	12 57.1		9	675
1991 SR2	1991 09	15.44514	01 34	34.40	+07	02 57.1	18.0	9	675
1991 SR2	1991 09	15.49358	01 34	32.99	+07	02 38.3		9	675
1991 SR2	* 1991 09	16.46272	01 34	08.32	+06	56 37.9		9	675
1991 SR2	1991 09	16.49449	01 34	07.41	+06	56 25.6	17.8	9	675
1991 TZ	1991 09	12.39913	02 27	13.53	+06	31 51.8	18.2	9	675
1991 TZ	1991 09	12.45133	02 27	12.97	+06	31 39.2		9	675
1991 TZ	1991 09	14.48802	02 26	49.93	+06	24 03.4	18.0	9	675
1991 TZ	1991 09	14.51262	02 26	49.54	+06	23 55.4		9	675
1991 TH1	1991 09	13.34861	01 51	37.41	+01	01 01.8		9	675
1991 TH1	1991 09	13.38333	01 51	35.78	+01	01 29.6	17.5	9	675
1991 TH1	1991 09	15.44514	01 49	52.28	+01	30 04.1	17.5	9	675
1991 TH1	1991 09	15.49358	01 49	49.58	+01	30 44.7		9	675
1991 TW1	1991 09	12.39913	02 14	03.18	+07	51 30.9	17.5	9	675
1991 TW1	1991 09	12.45133	02 14	02.74	+07	51 29.9	18.0	9	675
1991 TW1	1991 09	14.48802	02 13	44.79	+07	51 11.2	17.8	9	675
1991 TW1	1991 09	14.51262	02 13	44.47	+07	51 10.6		9	675
1991 TY1	1991 09	13.34861	01 51	34.81	+00	18 51.1	17.8	9	675
1991 TY1	1991 09	13.38333	01 51	35.22	+00	18 24.1		9	675
1991 TY1	1991 09	15.44514	01 51	57.84	-00	10 09.8		9	675
1991 TY1	1991 09	15.49358	01 51	58.13	-00	10 50.6	17.5	9	675
1991 TE2	1991 09	13.34861	01 36	24.76	+04	00 51.3	17.8	9	675
1991 TE2	1991 09	13.38333	01 36	24.04	+04	00 42.6		9	675
1991 TE2	1991 09	15.44514	01 35	40.63	+03	52 12.1	17.0	9	675
1991 TE2	1991 09	15.49358	01 35	39.41	+03	51 59.4		9	675
1991 TS4	1991 09	14.42865	01 29	28.03	+16	17 09.3	16.2	9	675
1991 TS4	1991 09	14.47951	01 29	25.92	+16	17 20.7		9	675
1991 VD5	1991 09	13.34861	01 45	44.72	+03	29 26.5	16.5	9	675
1991 VD5	1991 09	13.38333	01 45	44.35	+03	29 15.8		9	675
1991 VD5	1991 09	15.44514	01 45	22.21	+03	19 05.4	16.8	9	675
1991 VD5	1991 09	15.49358	01 45	21.45	+03	18 50.5		9	675
1992 AX	1951 11	28.36944	07 01	45.42	+13	02 44.6		6	675
1992 AX	1951 11	28.39514	07 01	44.40	+13	02 47.7		6	675
1992 AX	1955 07	24.40347	21 55	36.76	-19	01 07.3		6	675

1992 AX	1955 07	24.43056	21 55	35.22	-19 01	38.3		6	675
1992 EE1	1992 04	07.30851	12 50	04.69	+12 16	34.2		3	675
1992 EE1	1992 04	07.34353	12 50	01.00	+12 16	04.1		3	675
1992 EE1	1992 04	27.16458	12 21	17.42	+06 54	19.0	18	3	675
1992 EE1	1992 04	27.19774	12 21	15.25	+06 53	44.9		3	675
1992 GZ	1992 04	24.35833	14 37	55.25	-18 37	14.1	16	3	675
1992 GZ	1992 04	26.32760	14 36	16.54	-18 33	10.9		3	675
1992 GZ	1992 04	29.34427	14 33	41.05	-18 26	09.1		3	675
1992 GA1	1992 04	24.21805	12 47	03.15	-00 05	50.9	17.8	3	675
1992 GA1	1992 04	26.20329	12 46	22.20	+00 40	21.7		3	675
1992 GA1	1992 04	26.23975	12 46	21.37	+00 41	12.6		3	675
1992 GA1	1992 04	29.20260	12 45	31.41	+01 47	07.9		3	675
1992 GB1	1992 04	24.15781	12 01	07.88	+22 12	52.0	17.4	3	675
1992 GB1	1992 04	24.18836	12 01	06.38	+22 12	14.1		3	675
1992 GB1	1992 04	26.17916	11 59	40.02	+21 30	45.0		3	675
1992 GB1	1992 04	29.19688	11 57	47.81	+20 26	41.1		3	675
1992 GC1	1992 04	27.16458	12 15	26.66	+11 18	38.4	17.5	3	675
1992 GC1	1992 04	27.19774	12 15	24.73	+11 17	52.0		3	675
1992 GO1	* 1992 04	05.15902	09 16	23.10	+12 35	40.5	18	3	675
1992 GO1	1992 04	05.20173	09 16	23.57	+12 35	06.3		3	675
1992 GO1	1992 04	07.18975	09 16	54.35	+12 08	04.3		3	675
1992 GO1	1992 04	07.23472	09 16	55.03	+12 07	28.5		3	675
1992 HL	1992 05	01.33872	15 10	03.67	+01 46	34.2	15.5	2	675
1992 HL	1992 05	01.36076	15 10	02.82	+01 46	54.2		2	675
1992 HM	* 1992 04	26.26597	13 30	39.36	+13 49	30.2	17.2	3	675
1992 HM	1992 04	26.29809	13 30	36.59	+13 49	06.5		3	675
1992 HM	1992 04	30.28940	13 25	14.93	+12 58	20.3		3	675
1992 HS3	* 1992 04	24.35833	14 41	56.46	-17 49	13.9	18	3	675
1992 HS3	1992 04	26.32760	14 40	57.91	-17 44	43.9		3	675
1992 HS3	1992 04	26.35694	14 40	56.99	-17 44	39.7		3	675
1992 HS3	1992 04	29.34427	14 39	27.71	-17 37	40.4		3	675
1992 JA	1992 05	31.36146	14 52	47.42	-13 46	24.1	16.0	2	675
1992 JA	1992 06	01.27865	14 52	26.90	-13 27	24.5		2	675
1992 JA	1992 06	01.30069	14 52	26.34	-13 26	53.6		2	675
1992 JB	1992 04	26.34254	15 17	29.32	-19 54	18.0	16.4	3	675
1992 JB	1992 04	26.37118	15 17	31.03	-19 49	46.0		3	675
1992 JB	1992 05	03.26424	15 24	36.79	-05 10	59.2		2	675
1992 JB	1992 05	27.29132	15 31	27.08	+12 14	06.8	16.5	2	675
1992 JB	1992 05	27.31406	15 31	27.18	+12 14	23.2		2	675
1992 JB	1992 05	30.32865	15 32	08.88	+12 42	12.4		2	675
1992 JB	1992 05	30.35729	15 32	09.04	+12 42	23.5		2	675
1992 JB	1992 06	02.28628	15 32	57.36	+12 58	28.8		2	675
1992 JE	1992 05	27.24010	14 30	49.98	-02 21	38.3	16.5	2	675
1992 JE	1992 05	27.26354	14 30	48.65	-02 21	19.7		2	675
1992 JE	1992 05	30.23247	14 28	33.41	-01 43	28.0		2	675
1992 JE	1992 05	30.25764	14 28	32.22	-01 43	07.8		2	675
1992 KD	* 1992 05	27.24566	14 44	13.64	-18 45	42.9	15.5	2	675
1992 KD	1992 05	27.26892	14 44	15.45	-18 43	40.4		2	675
1992 KD	1992 05	28.21076	14 45	36.62	-17 20	44.0	15.5	2	675
1992 KD	1992 05	28.33299	14 45	46.02	-17 09	58.1		2	675
1992 KD	1992 05	29.18403	14 47	00.27	-15 56	04.5	16	2	675
1992 KD	1992 05	29.29306	14 47	08.76	-15 46	39.2		2	675
1992 KD	1992 05	29.31233	14 47	10.16	-15 45	00.1		2	675
1992 KD	1992 05	29.37813	14 47	15.30	-15 39	17.2		2	675
1992 KD	1992 05	30.24497	14 48	31.00	-14 25	19.0		2	675
1992 KD	1992 05	30.27066	14 48	33.08	-14 23	05.1		2	675
1992 KD	1992 05	30.34010	14 48	38.43	-14 17	12.0		2	675
1992 KD	1992 06	01.24141	14 51	23.34	-11 39	23.8		2	675
1992 KD	1992 06	01.26667	14 51	25.42	-11 37	20.2		2	675

1992	KD		1992	06	02.18160	14	52	45.44	-10	23	44.5		2	675
1992	KD		1992	06	02.34618	14	52	58.13	-10	10	40.4		2	675
1992	KG	*	1992	05	27.24010	14	14	06.91	-02	06	16.8	15.0	2	675
1992	KG		1992	05	27.26354	14	14	06.26	-02	06	24.9		2	675
1992	KG		1992	05	30.23247	14	12	56.11	-02	28	24.5		2	675
1992	KG		1992	05	30.25764	14	12	55.47	-02	28	32.1		2	675
1992	KH	*	1992	05	27.24010	14	22	34.54	-02	31	55.4	16.5	2	675
1992	KH		1992	05	27.26354	14	22	34.57	-02	32	23.1		2	675
1992	KH		1992	05	30.23247	14	22	58.08	-03	25	11.2		2	675
1992	KH		1992	05	30.25764	14	22	58.29	-03	25	37.4		2	675
1992	KM	*	1992	05	27.23472	14	33	16.18	-27	36	15.9	16.5	2	675
1992	KM		1992	05	27.25816	14	33	15.24	-27	36	02.0		2	675
1992	KM		1992	05	30.22604	14	31	30.69	-27	04	13.6		2	675
1992	KM		1992	05	30.25122	14	31	29.84	-27	03	59.3		2	675
1992	KN	*	1992	05	30.31615	15	36	49.19	+32	24	03.5	16.5	2	675
1992	KN		1992	05	30.34566	15	36	48.31	+32	23	41.3		2	675
1992	KN		1992	06	02.26910	15	35	31.67	+31	47	34.8		2	675
1992	KN		1992	06	02.29184	15	35	31.02	+31	47	17.7		2	675
1992	LA	*	1992	06	01.32431	15	51	16.00	+07	24	47.3	16.5	2	675
1992	LA		1992	06	01.34688	15	51	14.93	+07	25	11.0		2	675
1992	LA		1992	06	02.31962	15	50	31.08	+07	42	16.7		2	675
1992	LB	*	1992	06	01.32431	15	52	37.74	+15	22	48.8	16.5	2	675
1992	LB		1992	06	01.34688	15	52	36.82	+15	22	48.0		2	675
1992	LB		1992	06	02.31962	15	51	57.62	+15	22	48.3		2	675
6571	P-L	*	1960	09	24.35002	23	58	49.70	-04	40	55.9	17.8	4	675
6571	P-L		1960	09	26.28543	23	57	17.42	-04	51	48.7		4	675
6571	P-L		1960	09	27.34237	23	56	27.05	-04	57	40.1		4	675
6571	P-L		1960	09	28.33822	23	55	39.84	-05	03	07.9		4	675
6571	P-L		1960	10	17.22501	23	42	21.63	-06	27	40.6		4	675
6571	P-L		1960	10	22.16324	23	39	45.46	-06	41	46.3		4	675
6571	P-L		1960	10	24.23753	23	38	48.83	-06	46	29.6		4	675
6571	P-L		1960	10	26.27157	23	37	58.70	-06	50	25.6		4	675
6742	P-L	*	1960	09	24.35002	00	04	13.22	-04	31	09.7	19.2	4	675
6742	P-L		1960	09	26.28543	00	02	21.67	-04	43	03.9		4	675
6742	P-L		1960	09	27.34237	00	01	20.68	-04	49	25.8		4	675
6742	P-L		1960	09	28.33822	00	00	23.53	-04	55	20.9		4	675
6742	P-L		1960	10	17.22501	23	44	48.84	-06	17	54.7		4	675
6742	P-L		1960	10	22.16324	23	42	05.37	-06	27	27.5		4	675
6742	P-L		1960	10	26.27157	23	40	23.73	-06	30	59.2		4	675
4050	T-1		1991	09	12.39913	02	27	27.63	+08	55	22.8	17.2	9	675
4050	T-1		1991	09	12.45133	02	27	28.18	+08	55	12.0		9	675
4050	T-1		1991	09	14.48802	02	27	53.05	+08	48	04.2	17.5	9	675
4050	T-1		1991	09	14.51262	02	27	53.27	+08	47	57.6		9	675
4349	T-1		1991	09	13.34861	01	52	10.18	+02	28	45.9	16.5	9	675
4349	T-1		1991	09	13.38333	01	52	10.12	+02	28	26.6		9	675
4349	T-1		1991	09	15.44514	01	52	07.85	+02	08	51.7	16.5	9	675
4349	T-1		1991	09	15.49358	01	52	07.57	+02	08	23.8		9	675
2277	T-2		1991	09	11.41615	01	52	15.18	+09	57	15.1	19.0	9	675
2277	T-2		1991	09	11.46911	01	52	14.03	+09	57	14.5		9	675
3101	T-3		1977	10	07.28125	01	35	26.68	+03	57	30.7		4	675
3101	T-3		1977	10	11.30000	01	31	05.02	+03	52	08.7		4	675
3101	T-3		1977	10	11.36771	01	31	00.39	+03	52	04.0		4	675
3101	T-3		1977	10	12.29826	01	29	58.96	+03	50	52.4		4	675
3101	T-3		1977	10	12.36441	01	29	54.38	+03	50	48.3		4	675
3101	T-3	*	1977	10	16.27309	01	25	35.18	+03	46	26.7	17.8	4	675
3101	T-3		1977	10	16.28368	01	25	34.36	+03	46	26.6		4	675
3101	T-3		1977	10	16.33872	01	25	30.70	+03	46	22.8		4	675
3101	T-3		1977	10	16.34931	01	25	29.87	+03	46	22.9		4	675
3101	T-3		1977	10	17.27552	01	24	28.73	+03	45	30.1		4	675

3101 T-3	1977 10	17.28628	01 24	28.01	+03	45	28.5	4	675
3101 T-3	1977 10	17.34236	01 24	24.10	+03	45	25.8	4	675
3101 T-3	1977 10	17.35313	01 24	23.43	+03	45	23.9	4	675
3101 T-3	1977 10	21.38698	01 20	00.64	+03	42	20.2	4	675
3101 T-3	1977 10	21.39792	01 19	59.79	+03	42	22.5	4	675
3101 T-3	1977 10	21.44705	01 19	56.69	+03	42	18.3	4	675
3101 T-3	1977 10	21.45799	01 19	55.84	+03	42	20.8	4	675
3101 T-3	1977 10	22.38542	01 18	56.88	+03	41	48.3	4	675
3101 T-3	1977 10	22.39844	01 18	56.24	+03	41	49.9	4	675
3101 T-3	1977 10	22.44878	01 18	52.89	+03	41	46.5	4	675
3101 T-3	1977 10	22.45920	01 18	52.28	+03	41	48.8	4	675
4310 T-3	1977 10	07.28125	01 41	12.67	+03	14	23.7	4	675
4310 T-3	1977 10	11.30000	01 37	11.86	+02	56	45.4	4	675
4310 T-3	1977 10	11.36771	01 37	07.45	+02	56	29.4	4	675
4310 T-3	1977 10	12.29826	01 36	10.79	+02	52	26.9	4	675
4310 T-3	1977 10	12.36441	01 36	06.57	+02	52	09.9	4	675
4310 T-3	* 1977 10	16.28368	01 32	05.27	+02	35	54.7	4	675
4310 T-3	1977 10	16.34931	01 32	01.05	+02	35	37.6	4	675
4310 T-3	1977 10	17.28628	01 31	03.19	+02	31	53.6	4	675
4310 T-3	1977 10	17.35313	01 30	58.93	+02	31	38.3	4	675
4310 T-3	1977 10	21.38698	01 26	51.87	+02	16	28.6	4	675
4310 T-3	1977 10	21.44705	01 26	48.05	+02	16	13.2	4	675
4310 T-3	1977 10	22.38542	01 25	51.52	+02	12	57.2	4	675
4310 T-3	1977 10	22.44878	01 25	47.61	+02	12	46.9	4	675
(86)	1991 09	13.34861	01 56	07.81	+04	19	24.5	9	675
(86)	1991 09	13.38333	01 56	07.36	+04	19	18.5	9	675
(86)	1991 09	15.44514	01 55	37.58	+04	13	36.9	9	675
(86)	1991 09	15.49358	01 55	36.72	+04	13	28.2	9	675
(91)	1991 09	11.41615	01 59	53.57	+12	30	14.1	9	675
(91)	1991 09	11.46911	01 59	52.72	+12	30	13.6	9	675
(91)	1991 09	13.44965	01 59	22.74	+12	29	33.1	9	675
(91)	1991 09	13.48941	01 59	22.00	+12	29	31.2	9	675
(99)	1991 09	13.34861	01 43	36.67	+00	23	51.6	9	675
(99)	1991 09	13.38333	01 43	35.37	+00	23	46.5	9	675
(99)	1991 09	15.44514	01 42	15.99	+00	18	53.9	9	675
(99)	1991 09	15.49358	01 42	13.99	+00	18	47.0	9	675
(116)	1991 09	13.34861	01 29	42.74	+05	08	08.9	9	675
(116)	1991 09	13.38333	01 29	41.67	+05	08	02.3	9	675
(116)	1991 09	15.44514	01 28	34.77	+05	00	55.6	9	675
(116)	1991 09	15.49358	01 28	33.09	+05	00	44.8	9	675
(160)	1991 09	11.41615	01 37	44.05	+10	32	54.1	9	675
(160)	1991 09	11.46911	01 37	42.62	+10	32	52.1	9	675
(160)	1991 09	13.44965	01 36	51.64	+10	31	17.1	9	675
(160)	1991 09	13.48941	01 36	50.49	+10	31	14.6	9	675
(232)	1991 09	12.39913	02 16	59.87	+07	12	47.6	9	675
(232)	1991 09	12.45133	02 16	58.88	+07	12	33.8	9	675
(232)	1991 09	14.48802	02 16	20.41	+07	03	35.7	9	675
(232)	1991 09	14.51262	02 16	19.83	+07	03	28.1	9	675
(274)	1991 09	13.34861	01 36	49.76	+04	51	07.3	9	675
(274)	1991 09	13.38333	01 36	48.97	+04	50	56.3	9	675
(274)	1991 09	15.44514	01 35	48.33	+04	43	26.6	9	675
(274)	1991 09	15.49358	01 35	46.81	+04	43	15.8	9	675
(311)	1991 09	11.41615	01 56	02.46	+07	30	17.4	9	675
(311)	1991 09	11.46911	01 56	01.32	+07	30	09.6	9	675
(311)	1991 09	13.44965	01 55	20.61	+07	25	05.0	9	675
(311)	1991 09	13.48941	01 55	19.67	+07	24	58.9	9	675
(311)	1991 09	15.44514	01 54	34.31	+07	19	33.7	9	675
(311)	1991 09	15.49358	01 54	33.05	+07	19	25.8	9	675
(329)	1991 09	12.39913	02 29	45.91	+05	47	31.8	9	675

18.2

(329)	1991 09 12.45133	02 29 45.70	+05 47 04.0	9	675
(329)	1991 09 14.48802	02 29 36.33	+05 28 46.8	9	675
(329)	1991 09 14.51262	02 29 36.13	+05 28 31.2	9	675
(421)	1992 05 30.32274	15 18 28.44	-09 38 28.5	16.0	2 675
(421)	1992 05 30.35139	15 18 26.95	-09 38 23.6	2	675
(421)	1992 06 02.23628	15 16 10.82	-09 29 00.3	2	675
(421)	1992 06 02.25764	15 16 09.82	-09 28 57.0	2	675
(557)	1991 09 14.42865	01 19 03.72	+12 27 00.7	9	675
(557)	1991 09 14.47951	01 19 01.85	+12 26 53.4	9	675
(580)	1991 09 13.34861	01 30 32.53	+03 55 10.1	9	675
(580)	1991 09 13.38333	01 30 31.65	+03 55 02.6	9	675
(580)	1991 09 15.44514	01 29 36.34	+03 47 25.8	9	675
(580)	1991 09 15.49358	01 29 34.94	+03 47 14.7	9	675
(710)	1991 09 11.41615	01 39 27.63	+08 16 18.3	9	675
(710)	1991 09 11.46911	01 39 26.16	+08 16 08.1	9	675
(710)	1991 09 13.44965	01 38 34.06	+08 09 53.5	9	675
(710)	1991 09 13.48941	01 38 32.89	+08 09 46.2	9	675
(750)	1991 09 12.39913	02 16 57.65	+08 57 49.3	9	675
(750)	1991 09 12.45133	02 16 56.87	+08 57 43.4	9	675
(750)	1991 09 14.48802	02 16 26.53	+08 53 55.6	9	675
(750)	1991 09 14.51262	02 16 26.04	+08 53 51.9	9	675
(756)	1991 09 14.42865	01 17 02.93	+15 09 11.8	9	675
(756)	1991 09 14.47951	01 17 01.40	+15 08 54.3	9	675
(842)	1991 09 14.42865	01 26 07.06	+11 48 08.0	9	675
(842)	1991 09 14.47951	01 26 05.13	+11 48 15.0	9	675
(896)	1991 09 11.43663	01 32 21.56	+21 36 01.6	9	675
(896)	1991 09 11.48964	01 32 19.79	+21 35 56.6	9	675
(896)	1991 09 13.52378	01 31 11.55	+21 32 52.1	9	675
(896)	1991 09 17.48420	01 28 40.02	+21 23 56.9	9	675
(896)	1991 09 17.51667	01 28 38.60	+21 23 51.7	9	675
(949)	1991 09 11.43663	01 46 32.53	+23 42 42.6	9	675
(949)	1991 09 11.48964	01 46 31.03	+23 42 48.1	9	675
(949)	1991 09 13.52378	01 45 32.95	+23 45 09.0	9	675
(949)	1991 09 17.48420	01 43 27.13	+23 48 06.0	9	675
(949)	1991 09 17.51667	01 43 25.97	+23 48 07.2	9	675
(957)	1991 09 11.43663	01 30 13.43	+23 09 12.1	9	675
(957)	1991 09 11.48964	01 30 12.21	+23 09 04.5	9	675
(957)	1991 09 13.52378	01 29 25.65	+23 04 10.2	9	675
(957)	1991 09 17.48420	01 27 40.40	+22 52 05.3	9	675
(957)	1991 09 17.51667	01 27 39.37	+22 51 58.6	9	675
(1073)	1991 09 11.41615	02 07 37.89	+12 00 32.6	9	675
(1073)	1991 09 11.46911	02 07 37.06	+12 00 30.5	9	675
(1073)	1991 09 13.44965	02 07 08.36	+11 58 39.5	9	675
(1073)	1991 09 13.48941	02 07 07.63	+11 58 36.7	9	675
(1217)	1991 09 12.39913	02 13 12.30	+07 20 47.7	17.0	9 675
(1217)	1991 09 12.45133	02 13 11.28	+07 20 33.0	17.5	9 675
(1217)	1991 09 14.48802	02 12 29.54	+07 10 50.5	17.0	9 675
(1217)	1991 09 14.51262	02 12 28.91	+07 10 42.6	9	675
(1523)	1991 09 14.42865	01 40 37.79	+16 43 04.8	9	675
(1523)	1991 09 14.47951	01 40 36.04	+16 43 06.1	9	675
(1577)	1991 09 12.39913	02 03 53.48	+04 37 47.2	9	675
(1577)	1991 09 12.45133	02 03 53.51	+04 37 33.9	9	675
(1577)	1991 09 14.48802	02 03 56.36	+04 28 28.2	9	675
(1577)	1991 09 14.51262	02 03 56.25	+04 28 19.8	9	675
(1595)	1991 09 12.39913	02 08 59.45	+06 30 33.7	9	675
(1595)	1991 09 12.45133	02 08 58.52	+06 30 23.2	9	675
(1595)	1991 09 14.48802	02 08 22.27	+06 23 04.9	9	675
(1595)	1991 09 14.51262	02 08 21.69	+06 22 58.4	9	675
(1604)	1991 09 11.43663	01 30 06.63	+22 40 09.7	9	675

(1604)	1991 09 11.48964	01 30 05.12	+22 40 15.6		9 675
(1604)	1991 09 13.52378	01 29 07.48	+22 44 29.0		9 675
(1604)	1991 09 17.48420	01 26 59.54	+22 50 27.8		9 675
(1604)	1991 09 17.51667	01 26 58.36	+22 50 30.0		9 675
(1715)	1991 09 12.39913	02 01 18.20	+05 04 59.4	17.5	9 675
(1715)	1991 09 12.45133	02 01 16.38	+05 04 55.0		9 675
(1715)	1991 09 13.34861	02 00 45.48	+05 03 38.1		9 675
(1715)	1991 09 13.38333	02 00 44.19	+05 03 34.8		9 675
(1715)	1991 09 14.48802	02 00 04.14	+05 01 57.2		9 675
(1715)	1991 09 14.51262	02 00 03.07	+05 01 52.9		9 675
(1715)	1991 09 15.44514	01 59 28.09	+05 00 24.2	17.5	9 675
(1715)	1991 09 15.49358	01 59 26.16	+05 00 19.6		9 675
(1757)	1991 09 11.41615	02 01 50.10	+09 58 49.3	18.0	9 675
(1757)	1991 09 11.46911	02 01 48.78	+09 58 44.2		9 675
(1757)	1991 09 13.44965	02 01 01.49	+09 55 38.1		9 675
(1757)	1991 09 13.48941	02 01 00.41	+09 55 32.6		9 675
(1813)	1991 09 11.41615	01 55 13.17	+07 47 13.6	17.0	9 675
(1813)	1991 09 11.46911	01 55 11.65	+07 47 09.7		9 675
(1813)	1991 09 13.44965	01 54 19.13	+07 44 52.2		9 675
(1813)	1991 09 13.48941	01 54 17.95	+07 44 49.2		9 675
(1874)	1991 09 12.39913	02 16 28.20	+08 51 52.4		9 675
(1874)	1991 09 12.45133	02 16 28.19	+08 51 40.9		9 675
(1874)	1991 09 14.48802	02 16 29.36	+08 44 00.7		9 675
(1874)	1991 09 14.51262	02 16 29.28	+08 43 53.8		9 675
(1995)	1991 09 12.39913	02 27 12.30	+07 11 27.2	18.5	9 675
(1995)	1991 09 12.45133	02 27 11.36	+07 11 24.1		9 675
(1995)	1991 09 14.48802	02 26 36.63	+07 10 46.8	18.5	9 675
(1995)	1991 09 14.51262	02 26 36.14	+07 10 44.7		9 675
(2017)	1991 09 13.34861	01 36 43.50	+07 18 16.1		9 675
(2017)	1991 09 13.38333	01 36 42.58	+07 18 01.2		9 675
(2017)	1991 09 15.44514	01 35 46.91	+07 03 45.8		9 675
(2017)	1991 09 15.49358	01 35 45.41	+07 03 24.8		9 675
(2024)	1991 09 12.39913	02 24 54.28	+03 27 51.3		9 675
(2024)	1991 09 12.45133	02 24 54.00	+03 27 46.7		9 675
(2024)	1991 09 14.48802	02 24 46.47	+03 24 56.9		9 675
(2024)	1991 09 14.51262	02 24 46.19	+03 24 52.8		9 675
(2070)	1991 09 11.41615	01 33 01.43	+10 13 56.9	16.5	9 675
(2070)	1991 09 11.46911	01 33 00.15	+10 13 58.8		9 675
(2076)	1991 09 14.42865	01 24 50.64	+15 17 20.9	17.0	9 675
(2076)	1991 09 14.47951	01 24 49.12	+15 17 28.9		9 675
(2085)	1991 09 12.39913	02 00 58.73	+06 19 59.8		9 675
(2085)	1991 09 12.45133	02 00 57.91	+06 19 49.2		9 675
(2085)	1991 09 14.48802	02 00 26.86	+06 12 39.7		9 675
(2085)	1991 09 14.51262	02 00 26.32	+06 12 32.9		9 675
(2090)	1991 09 14.42865	01 19 50.67	+18 48 57.3		9 675
(2090)	1991 09 14.47951	01 19 48.58	+18 49 04.9		9 675
(2111)	1991 09 13.34861	01 33 40.75	+02 59 27.9		9 675
(2111)	1991 09 13.38333	01 33 40.02	+02 59 13.3		9 675
(2111)	1991 09 15.44514	01 32 54.18	+02 44 19.2		9 675
(2111)	1991 09 15.49358	01 32 52.97	+02 43 57.7		9 675
(2160)	1991 09 12.39913	02 15 29.69	+09 40 25.1	17.5	9 675
(2160)	1991 09 12.45133	02 15 29.04	+09 40 18.3		9 675
(2160)	1991 09 14.48802	02 15 04.36	+09 34 58.5		9 675
(2160)	1991 09 14.51262	02 15 03.95	+09 34 53.8		9 675
(2162)	1991 09 11.41615	01 54 34.27	+06 42 42.8		9 675
(2162)	1991 09 11.46911	01 54 33.82	+06 42 31.8		9 675
(2162)	1991 09 13.34861	01 54 19.56	+06 35 39.2		9 675
(2162)	1991 09 13.38333	01 54 19.22	+06 35 31.4		9 675
(2162)	1991 09 15.44514	01 53 54.63	+06 27 17.8		9 675

(2162)	1991 09 15.49358	01 53 53.80	+06 27 06.0		9	675
(2232)	1991 09 11.41615	01 42 17.80	+13 14 01.4	16.8	9	675
(2232)	1991 09 11.46911	01 42 16.52	+13 13 52.6		9	675
(2232)	1991 09 13.44965	01 41 31.43	+13 08 01.5		9	675
(2232)	1991 09 13.48941	01 41 30.36	+13 07 54.9		9	675
(2235)	1991 09 14.42865	01 28 00.35	+14 07 57.5		9	675
(2235)	1991 09 14.47951	01 27 59.04	+14 07 39.2		9	675
(2307)	1991 09 14.42865	01 16 53.14	+17 53 30.6		9	675
(2307)	1991 09 14.47951	01 16 51.44	+17 53 23.6		9	675
(2424)	1991 09 12.39913	02 08 00.10	+09 19 08.4	17.5	9	675
(2424)	1991 09 12.45133	02 07 58.87	+09 19 12.2		9	675
(2424)	1991 09 14.48802	02 07 17.15	+09 20 52.2		9	675
(2424)	1991 09 14.51262	02 07 16.53	+09 20 55.1		9	675
(2469)	1992 05 01.33872	15 06 33.72	-03 01 47.1	16.0	2	675
(2469)	1992 05 01.36076	15 06 32.77	-03 01 40.1		2	675
(2532)	1991 09 11.41615	01 43 52.60	+14 11 32.3		9	675
(2532)	1991 09 11.46911	01 43 51.43	+14 11 41.6		9	675
(2532)	1991 09 13.44965	01 43 15.20	+14 16 42.3		9	675
(2532)	1991 09 13.48941	01 43 14.28	+14 16 47.6		9	675
(2592)	1991 09 11.41615	01 47 49.78	+11 20 07.5	17.5	9	675
(2592)	1991 09 11.46911	01 47 48.38	+11 19 57.6		9	675
(2592)	1991 09 13.44965	01 47 01.02	+11 15 05.9		9	675
(2592)	1991 09 13.48941	01 47 00.05	+11 14 58.5		9	675
(2602)	1991 09 13.34861	01 36 09.13	+05 01 55.6		9	675
(2602)	1991 09 13.38333	01 36 08.05	+05 01 43.1		9	675
(2602)	1991 09 15.44514	01 35 02.30	+04 49 08.6		9	675
(2602)	1991 09 15.49358	01 35 00.61	+04 48 50.5		9	675
(2645)	1991 09 17.48420	01 47 27.48	+22 01 36.0		9	675
(2645)	1991 09 17.51667	01 47 26.21	+22 01 50.7		9	675
(2710)	1991 09 13.34861	01 34 04.85	+06 08 41.7		9	675
(2710)	1991 09 13.38333	01 34 03.73	+06 08 32.8		9	675
(2710)	1991 09 15.44514	01 32 56.66	+05 58 41.2		9	675
(2710)	1991 09 15.49358	01 32 55.03	+05 58 25.1		9	675
(2719)	1991 09 11.41615	01 52 25.27	+10 30 40.5	17.5	9	675
(2719)	1991 09 11.46911	01 52 24.54	+10 30 35.6		9	675
(2719)	1991 09 13.44965	01 51 59.33	+10 27 10.9		9	675
(2719)	1991 09 13.48941	01 51 58.60	+10 27 04.9		9	675
(2736)	1992 05 02.17535	11 33 45.14	-07 59 46.8	16.5	2	675
(2736)	1992 05 02.19757	11 33 44.87	-07 59 39.0		2	675
(2866)	1991 09 11.43663	01 39 47.51	+21 46 34.6		9	675
(2866)	1991 09 11.48964	01 39 46.24	+21 46 45.3		9	675
(2866)	1991 09 13.52378	01 38 58.40	+21 53 41.1		9	675
(2866)	1991 09 17.48420	01 37 06.00	+22 04 43.2		9	675
(2866)	1991 09 17.51667	01 37 04.93	+22 04 47.5		9	675
(2983)	1991 09 14.42865	01 15 40.28	+13 48 13.4		9	675
(2983)	1991 09 14.47951	01 15 38.57	+13 48 04.3		9	675
(3138)	1991 09 11.41615	01 48 33.62	+15 10 05.0	18.0	9	675
(3138)	1991 09 11.46911	01 48 32.15	+15 09 59.2		9	675
(3138)	1991 09 13.44965	01 47 46.59	+15 04 48.3		9	675
(3138)	1991 09 13.48941	01 47 45.56	+15 04 41.2		9	675
(3184)	1992 05 30.32274	15 26 31.53	-10 03 43.4	15.5	2	675
(3184)	1992 05 30.35139	15 26 29.98	-10 03 43.0		2	675
(3184)	1992 06 02.23628	15 23 51.67	-10 04 05.5		2	675
(3184)	1992 06 02.25764	15 23 50.60	-10 04 06.0		2	675
(3224)	1991 09 14.42865	01 29 48.49	+12 57 30.0	16.5	9	675
(3224)	1991 09 14.47951	01 29 46.80	+12 57 19.6		9	675
(3225)	1992 04 28.45156	17 25 40.10	+12 05 24.9		3	675
(3225)	1992 04 28.47951	17 25 39.98	+12 06 05.8	17.5	3	675
(3300)	1991 09 13.34861	01 55 07.55	+06 16 06.5		9	675

(3300)	1991 09 13.38333	01 55 06.35	+06 16 08.8		9 675
(3300)	1991 09 15.44514	01 53 53.01	+06 18 30.3		9 675
(3300)	1991 09 15.49358	01 53 51.16	+06 18 33.4		9 675
(3303)	1991 09 11.41615	01 44 42.63	+08 07 36.1	16.8	9 675
(3303)	1991 09 11.46911	01 44 41.29	+08 07 29.3		9 675
(3303)	1991 09 13.44965	01 43 54.24	+08 03 16.8		9 675
(3303)	1991 09 13.48941	01 43 53.22	+08 03 11.5		9 675
(3303)	1991 09 15.44514	01 43 01.49	+07 58 35.4		9 675
(3303)	1991 09 15.49358	01 43 00.06	+07 58 27.3		9 675
(3319)	1991 09 14.42865	01 13 19.69	+13 53 54.5	16.5	9 675
(3319)	1991 09 14.47951	01 13 18.15	+13 53 48.2		9 675
(3470)	1991 09 11.41615	01 40 42.60	+13 12 27.6	18.0	9 675
(3470)	1991 09 11.46911	01 40 40.93	+13 12 20.0		9 675
(3470)	1991 09 13.44965	01 39 42.98	+13 07 03.9		9 675
(3470)	1991 09 13.48941	01 39 41.69	+13 06 57.2		9 675
(3485)	1991 09 11.41615	01 53 03.61	+14 11 17.0	17.0	9 675
(3485)	1991 09 11.46911	01 53 02.22	+14 11 15.4		9 675
(3485)	1991 09 13.44965	01 52 14.97	+14 09 28.4		9 675
(3485)	1991 09 13.48941	01 52 13.89	+14 09 24.9		9 675
(3497)	1991 09 12.39913	02 23 08.07	+04 03 45.7	17.5	9 675
(3497)	1991 09 12.45133	02 23 07.21	+04 03 26.2	17.8	9 675
(3497)	1991 09 14.48802	02 22 35.47	+03 50 54.7	17.8	9 675
(3497)	1991 09 14.51262	02 22 35.13	+03 50 44.2		9 675
(3625)	1991 09 11.41615	01 47 43.01	+14 35 54.2		9 675
(3625)	1991 09 11.46911	01 47 42.01	+14 35 49.4		9 675
(3625)	1991 09 13.44965	01 47 03.78	+14 30 53.1		9 675
(3625)	1991 09 13.48941	01 47 02.92	+14 30 46.6		9 675
(3742)	1991 09 11.41615	01 52 39.57	+09 23 16.0	18.5	9 675
(3742)	1991 09 11.46911	01 52 38.29	+09 23 06.2		9 675
(3742)	1991 09 13.44965	01 51 52.40	+09 16 18.6		9 675
(3742)	1991 09 13.48941	01 51 51.37	+09 16 09.0		9 675
(3828)	1991 09 14.42865	01 31 45.70	+13 40 32.2		9 675
(3828)	1991 09 14.47951	01 31 44.30	+13 40 23.0		9 675
(3844)	1991 09 12.39913	02 04 03.71	+07 23 32.2		9 675
(3844)	1991 09 12.45133	02 04 03.00	+07 23 21.3		9 675
(3844)	1991 09 14.48802	02 03 36.33	+07 15 53.7		9 675
(3844)	1991 09 14.51262	02 03 35.85	+07 15 47.4		9 675
(4025)	1991 09 13.34861	01 30 09.27	+05 20 22.3		9 675
(4025)	1991 09 13.38333	01 30 08.66	+05 20 11.6		9 675
(4025)	1991 09 15.44514	01 29 33.76	+05 09 29.3		9 675
(4025)	1991 09 15.49358	01 29 32.69	+05 09 13.4		9 675
(4064)	1991 09 14.42865	01 19 42.64	+14 28 15.4		9 675
(4064)	1991 09 14.47951	01 19 40.60	+14 28 17.1		9 675
(4199)	1991 09 13.34861	01 55 31.33	+02 03 06.5		9 675
(4199)	1991 09 13.38333	01 55 30.66	+02 03 00.9		9 675
(4199)	1991 09 15.44514	01 54 47.56	+01 56 51.8		9 675
(4199)	1991 09 15.49358	01 54 46.33	+01 56 42.9		9 675
(4201)	1991 09 14.42865	01 20 02.89	+17 15 59.1	17.5	9 675
(4201)	1991 09 14.47951	01 20 01.20	+17 15 47.1		9 675
(4234)	1991 09 11.41615	02 04 20.75	+11 40 22.5	18.5	9 675
(4234)	1991 09 11.46911	02 04 19.58	+11 40 15.5		9 675
(4234)	1991 09 13.44965	02 03 38.63	+11 36 58.6		9 675
(4234)	1991 09 13.48941	02 03 37.56	+11 36 53.1		9 675
(4310)	1991 09 11.41615	01 44 31.18	+09 28 22.1	17.8	9 675
(4310)	1991 09 11.46911	01 44 29.83	+09 28 08.0		9 675
(4310)	1991 09 13.44965	01 43 42.92	+09 19 23.1		9 675
(4310)	1991 09 13.48941	01 43 41.85	+09 19 11.0		9 675
(4344)	1991 09 13.34861	01 39 59.68	+07 00 06.8		9 675
(4344)	1991 09 13.38333	01 39 58.55	+07 00 02.2		9 675

(4344)	1991 09 15.44514	01 39 01.37	+06 53 03.5	19.0	9	675
(4344)	1991 09 15.49358	01 38 59.80	+06 52 52.3		9	675
(4345)	1991 09 12.39913	02 18 42.16	+10 07 32.9	18.2	9	675
(4345)	1991 09 12.45133	02 18 41.41	+10 07 25.4		9	675
(4345)	1991 09 14.48802	02 18 14.61	+10 02 22.5		9	675
(4531)	1991 09 12.39913	02 09 56.28	+10 40 05.6	17.8	9	675
(4531)	1991 09 12.45133	02 09 54.09	+10 40 41.8		9	675
(4541)	1991 09 13.34861	01 35 20.73	+02 59 37.0		9	675
(4541)	1991 09 13.38333	01 35 19.65	+02 59 29.2		9	675
(4541)	1991 09 15.44514	01 34 13.22	+02 51 56.9		9	675
(4541)	1991 09 15.49358	01 34 11.47	+02 51 46.1		9	675
(4565)	1991 09 12.39913	02 30 16.88	+04 59 02.4	18.8	9	675
(4565)	1991 09 12.45133	02 30 16.27	+04 58 39.1	18.5	9	675
(4565)	1991 09 14.48802	02 29 53.45	+04 43 40.6	18.5	9	675
(4565)	1991 09 14.51262	02 29 53.02	+04 43 27.2		9	675
(4576)	1991 09 13.34861	01 34 22.95	+03 14 47.6		9	675
(4576)	1991 09 13.38333	01 34 22.33	+03 14 32.9		9	675
(4576)	1991 09 15.44514	01 33 39.66	+02 59 03.9		9	675
(4576)	1991 09 15.49358	01 33 38.52	+02 58 41.5		9	675
(4709)	1951 08 05.25417	18 38 24.35	-05 28 04.4		6	675
(5037)	1991 09 12.39913	02 10 46.56	+07 25 42.9	17.2	9	675
(5037)	1991 09 12.45133	02 10 46.32	+07 25 24.7		9	675
(5037)	1991 09 14.48802	02 10 38.20	+07 13 09.2	17.2	9	675
(5037)	1991 09 14.51262	02 10 38.01	+07 12 59.0		9	675
(5086)	1991 09 11.41615	01 51 30.37	+10 33 10.0	17.8	9	675
(5086)	1991 09 11.46911	01 51 29.01	+10 32 56.9		9	675
(5086)	1991 09 13.44965	01 50 41.75	+10 24 27.1		9	675
(5086)	1991 09 13.48941	01 50 40.58	+10 24 15.3		9	675
(5103)	1991 09 11.41615	02 02 26.80	+10 59 38.5	18.0	9	675
(5103)	1991 09 11.46911	02 02 25.90	+10 59 27.5		9	675
(5103)	1991 09 13.44965	02 01 54.61	+10 52 35.2		9	675
(5103)	1991 09 13.48941	02 01 53.93	+10 52 26.7		9	675
(5116)	1991 09 11.41615	01 50 56.22	+09 18 20.7	16.8	9	675
(5116)	1991 09 11.46911	01 50 55.09	+09 18 18.6		9	675
(5116)	1991 09 13.44965	01 50 15.24	+09 16 53.7		9	675
(5116)	1991 09 13.48941	01 50 14.32	+09 16 51.1		9	675

679 San Pedro Martir

G. Gavazzi, Osservatorio Astronomico di Brera, Via Brera 28,
I-20121 Milan, Italy

Observers L. Carrasco, I. Cruz-Gonzales, G. Gavazzi

Long and Parallax 244.5367, 0.85792, +0.51292 (see MPC 19348)

1992 HT3	* 1992 04 30.30347	12 57 57.44	+28 16 02.8			679
1992 HT3	1992 04 30.40069	12 57 50.51	+28 14 43.0			679
1992 HT3	1992 05 02.39583	12 55 35.76	+27 46 22.0			679
1992 HT3	1992 05 04.18055	12 53 41.40	+27 20 01.7			679
1992 HT3	1992 05 04.38611	12 53 28.14	+27 16 54.6			679

688 Lowell Observatory, Anderson Mesa Station

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

Observer B. A. Skiff

Measurer B. A. Skiff

1.1-m f/8 Hall reflector + CCD

1990 MB	1992 05 12.40799	20 28 07.16	-05 46 03.0			688
1990 MB	1992 05 12.41030	20 28 07.41	-05 45 58.3			688
1990 MB	1992 05 12.42118	20 28 08.28	-05 45 38.0			688
(3551)	1992 05 12.38796	18 34 11.04	-06 37 54.4			688
(3551)	1992 05 12.39618	18 34 11.12	-06 37 48.4			688

(4179)	1992 05 12.42743	20 25 15.94	-18 58 08.0	V	688
(4179)	1992 05 12.43160	20 25 16.12	-18 58 07.3	V	688

691 Kitt Peak, Steward Observatory

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

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

0.91-m SPACEWATCH telescope

GSC

1952 QW	1992 02 26.28482	10 31 16.50	+16 24 12.9		691
1952 QW	1992 02 26.31002	10 31 14.92	+16 24 23.7	18.0 V	691
1952 QW	1992 02 26.33513	10 31 13.31	+16 24 34.2		691
1952 SW1	1992 04 30.23513	13 53 12.17	-10 29 24.9		691
1952 SW1	1992 04 30.25715	13 53 10.73	-10 29 27.2	17.1 V	691
1952 SW1	1992 04 30.27759	13 53 09.38	-10 29 30.1		691
1967 JP	1991 11 08.10274	02 04 36.80	+18 26 17.4		691
1967 JP	1991 11 08.12531	02 04 35.75	+18 26 12.0	18.3 V	691
1967 JP	1991 11 08.14643	02 04 34.78	+18 26 06.8		691
1968 OH	1991 12 03.22082	03 22 36.94	+26 50 43.8	18.2 V	691
1968 OH	1991 12 03.23958	03 22 35.97	+26 50 35.1		691
1968 OH	1991 12 03.25778	03 22 35.06	+26 50 26.3		691
1969 TB3	1991 12 13.16962	04 25 04.02	+21 54 35.1		691
1969 TB3	1991 12 13.19360	04 25 02.52	+21 54 29.8		691
1969 TB3	1991 12 13.21760	04 25 01.03	+21 54 24.3	17.5 V	691
1972 RU1	1992 05 04.34645	13 13 18.46	-07 42 19.7	19.0 V	691
1972 RU1	1992 05 04.35482	13 13 18.05	-07 42 16.2		691
1972 RU1	1992 05 04.36430	13 13 17.62	-07 42 13.3		691
1972 RU1	1992 05 07.15912	13 11 15.66	-07 23 53.3	18.8 V	691
1972 RU1	1992 05 07.18338	13 11 14.58	-07 23 43.8		691
1972 RU1	1992 05 07.20763	13 11 13.46	-07 23 33.6		691
1972 TE	1992 04 30.22098	13 32 46.88	-10 43 59.3	19.2 V	691
1972 TE	1992 04 30.24301	13 32 45.86	-10 43 52.1		691
1972 TE	1992 04 30.26346	13 32 44.87	-10 43 45.2		691
1973 SQ1	1992 04 24.39061	14 22 58.19	-13 39 10.1		691
1973 SQ1	1992 04 24.41219	14 22 57.36	-13 39 04.3	16.4 V	691
1976 GR2	1992 04 30.36678	15 02 05.01	-10 21 35.4	15.5 V	691
1976 GR2	1992 04 30.38722	15 02 03.81	-10 21 28.7		691
1976 GR2	1992 04 30.40776	15 02 02.58	-10 21 22.1		691
1976 GO3	1991 12 29.18784	04 24 59.20	+19 45 27.0	18.7 V	691
1976 GO3	1991 12 29.20949	04 24 58.20	+19 45 26.6		691
1976 GO3	1991 12 29.23109	04 24 57.26	+19 45 25.5		691
1976 GU3	1991 12 13.48116	08 18 52.37	+21 54 20.6		691
1976 GU3	1991 12 13.50197	08 18 51.73	+21 54 23.1	18.5 V	691
1976 GU3	1991 12 13.52124	08 18 51.28	+21 54 25.2		691
1976 GY3	1992 04 09.19460	12 15 34.38	-01 32 38.9		691
1976 GY3	1992 04 09.21894	12 15 33.17	-01 32 26.8		691
1976 GY3	1992 04 09.23954	12 15 32.11	-01 32 16.9	16.6 V	691
1978 NU3	1992 04 26.31766	14 02 43.81	-01 50 21.8	18.9 V	691
1978 NU3	1992 04 26.34172	14 02 42.36	-01 50 13.5		691
1978 NU3	1992 04 26.36584	14 02 40.95	-01 50 05.0		691
1978 VX3	1991 11 12.44855	03 37 07.18	+21 11 45.9	19.1 V	691
1978 VX3	1991 11 12.46855	03 37 06.08	+21 11 41.1		691
1978 VX3	1991 11 12.48861	03 37 04.90	+21 11 36.1		691
1978 VX3	1991 11 27.30023	03 23 10.26	+20 08 34.4	18.9 V	691
1978 VX3	1991 11 27.32181	03 23 09.01	+20 08 29.0		691
1978 VX3	1991 11 27.34639	03 23 07.68	+20 08 22.6		691
1978 VG8	1992 01 31.31802	09 19 46.78	+21 47 21.7		691
1978 VG8	1992 01 31.37803	09 19 43.20	+21 47 39.3	20.1 V	691
1978 VJ8	1992 04 30.23176	13 48 20.48	-10 32 06.8	18.2 V	691

1978 VJ8	1992 04	30.25379	13 48	19.50	-10 32	01.5		691
1978 VJ8	1992 04	30.27424	13 48	18.56	-10 31	56.2		691
1979 MP3	1992 05	08.23682	14 02	49.06	-12 50	06.7	20.0 V	691
1979 MP3	1992 05	08.26195	14 02	47.62	-12 49	57.4		691
1979 MP3	1992 05	08.28534	14 02	46.30	-12 49	49.1		691
1979 QW3	1991 11	03.22649	02 06	55.46	+11 38	15.5		691
1979 QW3	1991 11	03.28105	02 06	52.29	+11 37	59.2	19.2 V	691
1979 SA8	1992 04	23.34802	13 48	47.94	-12 42	32.9	17.0 V	691
1979 SA8	1992 04	23.37765	13 48	45.82	-12 42	28.6		691
1979 SA8	1992 04	23.40339	13 48	44.03	-12 42	24.6		691
1979 SP14	1991 11	03.37796	02 50	27.58	+12 23	52.7		691
1979 SP14	1991 11	03.39882	02 50	26.55	+12 23	48.9	16.9 V	691
1979 SP14	1991 11	03.41964	02 50	25.52	+12 23	44.6		691
1979 SP14	1991 11	08.32754	02 46	29.26	+12 07	53.3	16.8 V	691
1979 SP14	1991 11	08.35275	02 46	27.99	+12 07	48.6		691
1979 SP14	1991 11	08.36935	02 46	27.18	+12 07	45.4		691
1979 WX3	1992 03	11.30370	10 35	47.64	+10 50	02.4	18.7 V	691
1979 WX3	1992 03	11.32465	10 35	46.56	+10 50	08.9		691
1979 WX3	1992 03	11.34519	10 35	45.44	+10 50	15.6		691
1980 RB8	1991 11	05.09058	01 45	43.15	+15 04	59.5	17.8 V	691
1980 RB8	1991 11	05.11119	01 45	42.04	+15 04	50.6		691
1980 RB8	1991 11	05.13188	01 45	40.95	+15 04	41.3		691
1980 TW5	1991 11	07.08587	01 56	27.53	+16 53	25.9		691
1980 TW5	1991 11	07.10698	01 56	26.63	+16 53	19.3	17.2 V	691
1980 TW5	1991 11	07.12775	01 56	25.63	+16 53	13.1		691
1981 EX6	1992 02	09.50714	11 02	57.97	+08 11	00.1		691
1981 EX6	1992 02	09.52436	11 02	57.24	+08 11	01.1	19.7 V	691
1981 EX6	1992 02	09.54138	11 02	56.54	+08 11	02.9		691
1981 EX6	1992 03	06.37294	10 42	27.54	+08 54	04.5	19.8 V	691
1981 EX6	1992 03	06.39320	10 42	26.55	+08 54	06.5		691
1981 EX6	1992 03	06.41361	10 42	25.56	+08 54	08.0		691
1981 EN16	1992 01	30.22039	08 20	51.23	+24 20	47.1	19.6 V	691
1981 EN16	1992 01	30.24655	08 20	49.26	+24 20	45.4		691
1981 EN16	1992 01	30.27331	08 20	47.35	+24 20	45.4		691
1981 EB21	1992 03	25.33067	12 21	14.53	-05 41	18.5	19.3 V	691
1981 EC26	1992 01	31.16778	08 15	29.09	+21 52	33.3	19.6 V	691
1981 EC26	1992 01	31.19320	08 15	27.40	+21 52	38.4		691
1981 EC26	1992 01	31.21910	08 15	25.69	+21 52	43.0		691
1981 EA40	1992 02	29.22238	10 40	24.99	+10 09	06.8		691
1981 EA40	1992 02	29.24295	10 40	24.10	+10 09	12.6	20.4 V	691
1981 EA40	1992 02	29.27067	10 40	22.77	+10 09	19.0		691
1981 EY42	1992 02	28.11381	09 29	05.79	+13 49	38.6		691
1981 EY42	1992 02	28.13480	09 29	04.67	+13 49	44.9	19.7 V	691
1981 EY42	1992 02	28.15561	09 29	03.56	+13 49	49.9		691
1982 BD13	1992 01	01.44430	08 33	28.50	+21 56	49.2	17.4 V	691
1982 BD13	1992 01	01.46810	08 33	27.25	+21 56	50.7		691
1982 BD13	1992 01	01.49029	08 33	26.05	+21 56	52.1		691
1982 QG	1991 11	07.09237	02 05	50.50	+16 46	55.5		691
1982 QG	1991 11	07.11347	02 05	49.40	+16 46	49.1		691
1982 QG	1991 11	07.13424	02 05	48.27	+16 46	42.6	17.5 V	691
1982 UE12	1992 02	28.12395	09 43	43.12	+13 23	30.8	18.0 V	691
1982 UE12	1992 02	28.14493	09 43	41.86	+13 23	31.6		691
1982 UE12	1992 02	28.16573	09 43	40.61	+13 23	32.5		691
1983 JQ	1991 12	14.31967	04 46	42.35	+19 49	00.1		691
1983 JQ	1991 12	14.34132	04 46	41.26	+19 48	58.6	18.3 V	691
1983 JQ	1991 12	14.36311	04 46	40.18	+19 48	57.6		691
1983 TS1	1992 04	25.39350	15 04	12.34	-14 33	03.3		691
1983 TS1	1992 04	25.41425	15 04	11.44	-14 33	00.0	18.4 V	691
1983 TS1	1992 04	25.44209	15 04	10.18	-14 32	55.2		691

1984 WA1	1991 11 09.40884	03 48 50.53	+16 43 59.9		691
1984 WA1	1991 11 09.41780	03 48 49.55	+16 44 12.2	16.3 V	691
1984 WA1	1991 11 09.42630	03 48 48.63	+16 44 23.3		691
1985 CZ1	1992 02 09.25412	08 10 21.14	+19 27 10.4		691
1985 CZ1	1992 02 09.28054	08 10 19.51	+19 27 10.3	16.1 V	691
1985 CZ1	1992 02 09.30619	08 10 17.98	+19 27 09.9		691
1985 PC2	1991 12 28.14737	04 58 41.33	+18 06 21.0	17.4 V	691
1985 PC2	1991 12 28.16880	04 58 40.37	+18 06 22.8		691
1985 PC2	1991 12 28.19031	04 58 39.37	+18 06 24.8		691
1985 RP2	1992 01 26.09889	03 02 38.91	+16 33 38.4	18.9 V	691
1985 RP2	1992 01 26.10955	03 02 39.32	+16 33 40.3		691
1985 RP2	1992 01 26.12052	03 02 39.77	+16 33 42.2		691
1986 CE2	1991 11 04.36054	03 59 40.77	+28 42 40.0		691
1986 CE2	1991 11 04.38349	03 59 39.46	+28 42 42.4	16.8 V	691
1986 CE2	1991 11 04.40618	03 59 38.01	+28 42 44.0		691
1986 QT	1992 04 26.13017	12 24 40.38	+02 35 16.7		691
1986 QT	1992 04 26.15582	12 24 39.28	+02 35 21.7	17.9 V	691
1986 QT	1992 04 26.17988	12 24 38.27	+02 35 26.9		691
1986 RR2	1992 04 27.19315	13 35 07.93	-03 13 46.5		691
1986 RR2	1992 04 27.21908	13 35 06.47	-03 13 37.1	18.9 V	691
1986 RR2	1992 04 27.24309	13 35 05.08	-03 13 27.9		691
1986 RV2	1992 03 26.20172	11 46 33.93	+00 20 34.2		691
1986 RV2	1992 03 26.22182	11 46 32.73	+00 20 47.4	17.1 V	691
1986 RV2	1992 03 26.24271	11 46 31.79	+00 20 56.0		691
1986 RT5	1992 01 28.11112	03 33 03.11	+22 11 39.1		691
1986 RT5	1992 01 28.13516	03 33 03.88	+22 11 38.9	18.3 V	691
1986 RT5	1992 01 28.16003	03 33 04.67	+22 11 38.5		691
1986 RT5	1992 01 29.10908	03 33 37.50	+22 11 21.9	19.0 V	691
1986 RT5	1992 01 29.13068	03 33 38.18	+22 11 21.3		691
1986 RT5	1992 01 29.15216	03 33 38.89	+22 11 20.9		691
1986 RF7	1992 04 25.40331	15 18 21.80	-14 21 27.1	18.3 V	691
1986 RF7	1992 04 25.42405	15 18 20.60	-14 21 21.6		691
1986 RF7	1992 04 25.45189	15 18 19.15	-14 21 13.7		691
1986 TL4	1992 04 27.27052	14 15 09.55	-11 11 23.9	18.5 V	691
1986 TL4	1992 04 27.29503	14 15 08.06	-11 11 17.2		691
1986 TL4	1992 04 27.31948	14 15 06.59	-11 11 11.7		691
1986 TL4	1992 05 07.23015	14 05 46.27	-10 32 53.1	18.3 V	691
1986 TL4	1992 05 07.27913	14 05 43.53	-10 32 42.2		691
1986 TR4	1992 01 02.21665	07 50 15.58	+19 00 07.8		691
1986 TR4	1992 01 02.23785	07 50 14.29	+19 00 08.9	17.7 V	691
1986 TR4	1992 01 02.25978	07 50 12.94	+19 00 09.9		691
1986 TR4	1992 01 09.25788	07 43 05.78	+19 06 33.7	17.4 V	691
1986 TR4	1992 01 09.27964	07 43 04.38	+19 06 34.7		691
1986 UO	1992 02 01.36342	09 15 12.27	+19 42 00.7	19.6 V	691
1986 UO	1992 02 01.38924	09 15 10.74	+19 42 07.0		691
1986 UO	1992 02 01.41507	09 15 09.16	+19 42 13.3		691
1986 UM1	1991 11 11.35295	03 17 37.50	+21 23 48.9		691
1986 UM1	1991 11 11.37502	03 17 36.07	+21 23 46.2	16.6 V	691
1986 UM1	1991 11 11.39704	03 17 34.74	+21 23 44.3		691
1988 BV	1992 04 04.36218	13 42 21.18	-05 52 45.6	19.4 V	691
1988 BV	1992 04 04.39165	13 42 19.48	-05 52 36.5		691
1988 BV	1992 04 04.43744	13 42 16.61	-05 52 21.9		691
1988 BV	1992 04 23.29211	13 23 56.35	-04 17 28.1		691
1988 BV	1992 04 23.31235	13 23 55.20	-04 17 23.1	19.1 V	691
1988 BV	1992 04 23.33254	13 23 54.05	-04 17 17.7		691
1988 CP2	1991 11 04.48060	03 22 41.77	+13 53 10.2		691
1988 CP2	1991 11 04.49948	03 22 40.78	+13 53 06.3	17.8 V	691
1988 CP2	1991 11 04.51819	03 22 39.81	+13 53 02.5		691
1988 CT5	1992 02 01.30404	08 55 34.98	+20 34 30.1		691

1988 CT5	1992 02 01.32586	08 55 33.57	+20 34 31.3		691
1988 CT5	1992 02 01.34762	08 55 32.13	+20 34 32.1	17.4 V	691
1988 DJ2	1992 02 25.42354	10 38 06.67	+08 16 13.3		691
1988 DJ2	1992 02 25.46132	10 38 04.41	+08 16 25.9	19.7 V	691
1988 DJ2	1992 02 25.48192	10 38 03.17	+08 16 31.9		691
1988 JW	1992 01 29.47226	09 41 47.26	+24 06 52.7	17.6 V	691
1988 JW	1992 01 29.49856	09 41 45.85	+24 07 09.1		691
1988 JW	1992 01 29.52481	09 41 44.48	+24 07 24.6		691
1988 RW3	1992 04 09.27256	13 10 47.79	-07 22 41.9	19.3 V	691
1988 RW3	1992 04 09.29690	13 10 46.66	-07 22 35.9		691
1988 RW3	1992 04 09.32157	13 10 45.52	-07 22 29.6		691
1988 RD5	1992 04 24.39544	14 29 56.92	-14 03 16.4		691
1988 RD5	1992 04 24.41703	14 29 55.90	-14 03 11.8	18.0 V	691
1988 RD5	1992 04 24.43771	14 29 54.98	-14 03 07.7		691
1988 RL10	1991 12 04.30761	04 37 24.77	+18 05 58.0	19.1 V	691
1988 RL10	1991 12 04.35585	04 37 23.06	+18 05 55.0		691
1988 RS10	1991 12 07.23864	04 43 14.50	+19 22 55.8		691
1988 RS10	1991 12 07.27221	04 43 13.34	+19 22 53.9	19.6 V	691
1988 RS10	1991 12 07.29403	04 43 12.60	+19 22 52.9		691
1988 SO1	1992 04 27.43204	16 23 33.16	-07 28 43.4	17.2 V	691
1988 SO1	1992 04 27.45436	16 23 32.50	-07 28 38.7		691
1988 SO1	1992 04 27.47695	16 23 31.58	-07 28 35.6		691
1989 EL2	1992 01 29.39353	09 12 43.36	+24 03 16.5	17.3 V	691
1989 EL2	1992 01 29.42067	09 12 41.38	+24 03 24.4		691
1989 EL2	1992 01 29.44658	09 12 39.53	+24 03 31.5		691
1989 KA	1992 01 28.26193	08 40 04.20	+09 40 19.6	16.4 V	691
1989 KA	1992 01 28.29059	08 40 02.29	+09 40 25.2		691
1989 KA	1992 01 28.31464	08 40 00.70	+09 40 30.2		691
1989 UT5	1992 04 29.13889	12 58 26.01	-05 05 05.8	18.3 V	691
1989 UT5	1992 04 29.15917	12 58 25.14	-05 04 55.9		691
1989 UT5	1992 04 29.18067	12 58 24.25	-05 04 44.9		691
1989 WU2	1992 05 07.30473	14 33 22.47	-12 07 44.4	19.3 V	691
1989 WU2	1992 05 07.33024	14 33 21.27	-12 07 39.5		691
1989 WU2	1992 05 07.35521	14 33 20.12	-12 07 35.3		691
1990 MR	1991 12 14.15146	03 58 08.97	+20 30 44.5	19.2 V	691
1990 MR	1991 12 14.17572	03 58 07.58	+20 30 37.6		691
1990 MR	1991 12 14.19903	03 58 06.28	+20 30 31.2		691
1990 OJ2	1992 02 25.24738	10 27 43.92	+17 52 55.7		691
1990 OJ2	1992 02 25.27279	10 27 42.28	+17 53 04.8	17.3 V	691
1990 OJ2	1992 02 25.29816	10 27 40.62	+17 53 13.7		691
1990 OB4	1992 01 26.23554	08 10 53.00	+10 43 40.3		691
1990 OB4	1992 01 26.25984	08 10 51.49	+10 43 41.7	19.2 V	691
1990 OB4	1992 01 26.29537	08 10 49.30	+10 43 43.5		691
1990 OB4	1992 01 28.17137	08 08 57.62	+10 45 26.2		691
1990 OB4	1992 01 28.19561	08 08 56.15	+10 45 28.1	18.4 V	691
1990 OB4	1992 01 28.21973	08 08 54.68	+10 45 29.6		691
1990 QG	1992 02 26.12565	09 24 11.72	+16 09 25.2		691
1990 QG	1992 02 26.14747	09 24 10.73	+16 09 28.8		691
1990 QG	1992 02 26.16882	09 24 09.58	+16 09 31.1	20.0 V	691
1990 QA2	1991 12 31.33972	07 57 47.49	+22 01 03.9		691
1990 QA2	1991 12 31.36184	07 57 46.28	+22 01 07.1	17.5 V	691
1990 QA2	1991 12 31.38394	07 57 45.04	+22 01 09.1		691
1990 RW	1991 11 12.37160	03 10 17.37	+19 13 53.7	17.4 V	691
1990 RW	1991 11 12.39356	03 10 16.42	+19 13 50.2		691
1990 RW	1991 11 12.41792	03 10 15.35	+19 13 46.2		691
1990 RW3	1992 01 01.50769	09 24 56.61	+18 03 04.9	18.8 V	691
1990 RW3	1992 01 01.52901	09 24 55.87	+18 03 09.3		691
1990 RW3	1992 01 01.55199	09 24 55.06	+18 03 13.7		691
1990 ST8	1992 01 31.31734	09 18 47.92	+21 19 45.0	19.6 V	691

1990 ST8	1992 01	31.34736	09 18	45.96	+21 19	53.7		691
1990 ST8	1992 01	31.37735	09 18	44.02	+21 20	02.7		691
1990 SU10	1991 12	31.43248	07 45	45.71	+21 12	19.0	17.4 V	691
1990 SU10	1991 12	31.45448	07 45	44.47	+21 12	20.0		691
1990 UF2	1992 04	27.27156	14 16	46.38	-10 53	36.1		691
1990 UF2	1992 04	27.29607	14 16	45.05	-10 53	21.4	16.5 V	691
1990 UF2	1992 04	27.32051	14 16	43.85	-10 53	03.4		691
1990 VE1	1992 02	26.27565	10 18	02.07	+16 14	43.6		691
1990 VE1	1992 02	26.30085	10 18	00.82	+16 14	56.4	18.1 V	691
1990 VE1	1992 02	26.32596	10 17	59.45	+16 15	09.0		691
1990 VK1	1992 02	26.19351	09 55	29.75	+16 26	32.5	18.8 V	691
1990 VK1	1992 02	26.21472	09 55	28.69	+16 26	37.3		691
1990 VK1	1992 02	26.23755	09 55	27.49	+16 26	42.5		691
1990 VR3	1992 02	25.35256	10 57	04.72	+17 50	00.7	17.7 V	691
1990 VR3	1992 02	25.37812	10 57	03.44	+17 50	06.6		691
1990 VR3	1992 02	25.40349	10 57	02.19	+17 50	13.2		691
1990 VS6	1992 01	29.23619	08 30	52.29	+24 00	50.6	17.7 V	691
1990 VS6	1992 01	29.26222	08 30	50.87	+24 00	55.5		691
1990 VS6	1992 01	29.28833	08 30	49.42	+24 01	01.0		691
1990 VS6	1992 02	09.15966	08 21	33.12	+24 30	59.1		691
1990 VS6	1992 02	09.18618	08 21	31.71	+24 30	59.4		691
1990 VS6	1992 02	09.21553	08 21	30.29	+24 31	02.6	18.2 V	691
1990 VB15	1992 04	27.19210	13 33	37.03	-03 19	18.1	17.7 V	691
1990 VB15	1992 04	27.21803	13 33	35.49	-03 19	11.0		691
1990 VB15	1992 04	27.24204	13 33	34.05	-03 19	04.4		691
1991 AR1	1992 02	28.45213	12 04	49.26	+00 05	10.3	18.7 V	691
1991 AR1	1992 02	28.47275	12 04	48.47	+00 05	15.1		691
1991 AR1	1992 02	28.50725	12 04	47.07	+00 05	23.7		691
1991 AD2	1992 04	28.28688	14 20	35.56	-07 51	40.4		691
1991 AD2	1992 04	28.31497	14 20	34.08	-07 51	31.9	18.6 V	691
1991 AD2	1992 04	28.33950	14 20	32.78	-07 51	25.2		691
1991 UK2	1991 11	04.22470	02 56	07.53	+12 56	39.8	16.1 V	691
1991 UK2	1991 11	04.24729	02 56	06.20	+12 56	28.4		691
1991 UK2	1991 11	04.26971	02 56	04.89	+12 56	17.4		691
1991 UK2	1991 11	08.33154	02 52	15.75	+12 22	49.4	15.8 V	691
1991 UK2	1991 11	08.35674	02 52	14.27	+12 22	36.9		691
1991 UK2	1991 11	08.37335	02 52	13.29	+12 22	28.6		691
1991 UD3	1991 11	08.38559	02 38	29.90	+11 56	47.2		691
1991 UD3	1991 11	08.40609	02 38	28.87	+11 56	35.7	16.4 V	691
1991 UD3	1991 11	08.42670	02 38	27.85	+11 56	23.9		691
1991 UB4	1991 11	03.36731	02 35	04.74	+12 03	39.4	17.3 V	691
1991 UB4	1991 11	03.38817	02 35	03.63	+12 03	32.8		691
1991 UB4	1991 11	03.40899	02 35	02.46	+12 03	25.8		691
1991 UB4	1991 11	05.36451	02 33	17.46	+11 52	46.7		691
1991 UB4	1991 11	05.37523	02 33	16.90	+11 52	43.1	17.5 V	691
1991 UB4	1991 11	05.38613	02 33	16.28	+11 52	39.5		691
1991 VN	1991 11	05.47004	03 25	32.64	+14 14	42.4	17.3 V	691
1991 VN	1991 11	05.49082	03 25	31.49	+14 14	37.3		691
1991 VN	1991 11	05.51183	03 25	30.35	+14 14	32.3		691
1991 VP	1991 11	06.45128	03 29	42.50	+15 29	27.7		691
1991 VP	1991 11	06.47795	03 29	40.86	+15 29	20.5	17.3 V	691
1991 VP	1991 11	06.49972	03 29	39.50	+15 29	14.4		691
1991 VU	1991 11	27.29744	03 19	08.17	+19 44	44.1	16.6 V	691
1991 VU	1991 11	27.31901	03 19	07.02	+19 44	34.8		691
1991 VU	1991 11	27.34360	03 19	05.75	+19 44	23.8		691
1991 VP2	1991 11	08.47973	03 27	28.01	+18 35	23.5		691
1991 VP2	1991 11	08.49744	03 27	26.92	+18 35	21.0	17.4 V	691
1991 VP2	1991 11	08.51469	03 27	25.84	+18 35	17.0		691
1991 VP2	1991 11	12.31396	03 23	33.10	+18 22	07.8	17.0 V	691

1991 VP2		1991 11 12.33545	03 23 31.67	+18 22 03.3		691
1991 VP2		1991 11 12.35713	03 23 30.25	+18 21 58.3		691
1991 VE3		1991 12 03.41474	04 21 06.95	+13 52 28.5		691
1991 VE3		1991 12 03.43571	04 21 05.82	+13 52 30.1	16.5 V	691
1991 VE3		1991 12 03.45641	04 21 04.72	+13 52 32.1		691
1991 VX3		1991 12 14.09510	03 42 36.09	+20 35 31.0	17.4 V	691
1991 VX3		1991 12 14.11674	03 42 34.92	+20 35 28.7		691
1991 VX3		1991 12 14.13836	03 42 33.76	+20 35 26.5		691
1991 VX3		1992 02 24.11327	04 08 55.79	+22 19 58.5	18.8 V	691
1991 VX3		1992 02 24.12394	04 08 56.59	+22 19 59.4		691
1991 VX3		1992 02 24.13579	04 08 57.65	+22 20 03.9		691
1991 VA4		1991 12 03.15094	03 38 56.66	+15 05 41.7	16.8 V	691
1991 VA4		1991 12 03.17184	03 38 54.88	+15 05 40.9		691
1991 VA4		1991 12 03.19262	03 38 54.30	+15 05 41.1		691
1991 VP4		1991 12 03.40947	04 13 30.07	+13 28 59.2		691
1991 VP4		1991 12 03.43043	04 13 28.98	+13 28 59.2	17.3 V	691
1991 VP4		1991 12 03.45114	04 13 27.89	+13 28 59.2		691
1991 VH7	*	1991 11 02.46172	03 26 39.34	+10 44 49.0		691
1991 VH7		1991 11 02.48952	03 26 37.63	+10 44 41.0		691
1991 VH7		1991 11 02.50686	03 26 36.71	+10 44 36.2	19.3 V	691
1991 VH7		1991 11 13.25502	03 15 40.22	+09 57 01.5		691
1991 VH7		1991 11 13.27706	03 15 38.79	+09 56 56.5		691
1991 VH7		1991 11 13.29872	03 15 37.46	+09 56 51.0	19.0 V	691
1991 VJ7	*	1991 11 03.36464	02 31 13.75	+12 10 37.6	19.5 V	691
1991 VJ7		1991 11 03.38550	02 31 12.56	+12 10 31.6		691
1991 VJ7		1991 11 03.40632	02 31 11.39	+12 10 25.4		691
1991 VJ7		1991 11 05.36190	02 29 23.59	+12 00 55.8	19.5 V	691
1991 VJ7		1991 11 05.37262	02 29 22.86	+12 00 52.3		691
1991 VJ7		1991 11 05.38353	02 29 22.20	+12 00 48.8		691
1991 VK7	*	1991 11 03.36899	02 37 30.50	+12 11 55.8		691
1991 VK7		1991 11 03.38985	02 37 29.14	+12 11 49.5	19.2 V	691
1991 VK7		1991 11 03.41067	02 37 27.79	+12 11 43.1		691
1991 VK7		1991 11 05.36600	02 35 26.12	+12 01 57.1	18.7 V	691
1991 VK7		1991 11 05.37671	02 35 25.41	+12 01 54.0		691
1991 VK7		1991 11 05.38762	02 35 24.74	+12 01 50.5		691
1991 VL7	*	1991 11 03.36929	02 37 56.53	+12 13 13.3		691
1991 VL7		1991 11 03.39015	02 37 55.42	+12 13 12.8		691
1991 VL7		1991 11 03.41097	02 37 54.33	+12 13 05.3	19.0 V	691
1991 VL7		1991 11 05.36657	02 36 15.53	+12 06 44.2	19.4 V	691
1991 VL7		1991 11 05.37728	02 36 15.00	+12 06 41.5		691
1991 VL7		1991 11 05.38819	02 36 14.53	+12 06 39.4		691
1991 VM7	*	1991 11 03.37051	02 39 41.64	+12 05 56.2		691
1991 VM7		1991 11 03.39137	02 39 40.46	+12 05 54.4		691
1991 VM7		1991 11 03.41219	02 39 39.40	+12 05 52.2	20.6 V	691
1991 VM7		1991 11 05.36775	02 37 57.77	+12 03 17.7	20.7 V	691
1991 VM7		1991 11 05.37846	02 37 57.22	+12 03 16.8		691
1991 VM7		1991 11 05.38937	02 37 56.61	+12 03 16.2		691
1991 VN7	*	1991 11 03.37083	02 40 09.54	+12 05 00.2		691
1991 VN7		1991 11 03.39169	02 40 08.44	+12 04 57.3		691
1991 VN7		1991 11 03.41251	02 40 07.33	+12 04 54.6	19.6 V	691
1991 VN7		1991 11 05.36808	02 38 26.07	+12 01 19.2		691
1991 VN7		1991 11 05.37879	02 38 25.49	+12 01 18.8	20.1 V	691
1991 VN7		1991 11 05.38969	02 38 24.89	+12 01 18.1		691
1991 VN7		1991 11 08.38409	02 35 50.80	+11 56 02.1		691
1991 VN7		1991 11 08.40460	02 35 49.71	+11 56 00.7	19.6 V	691
1991 VN7		1991 11 08.42522	02 35 48.64	+11 55 58.7		691
1991 VO7	*	1991 11 03.37205	02 41 55.37	+12 11 52.8		691
1991 VO7		1991 11 03.39291	02 41 54.19	+12 11 47.2	19.6 V	691
1991 VO7		1991 11 03.41373	02 41 53.02	+12 11 41.6		691

1991 VO7		1991 11 05.36921	02 40 04.59	+12 03 10.7	19.5 V	691
1991 VO7		1991 11 05.37993	02 40 03.92	+12 03 07.3		691
1991 VO7		1991 11 05.39083	02 40 03.30	+12 03 04.7		691
1991 VO7		1991 11 08.38475	02 37 17.28	+11 50 14.3		691
1991 VO7		1991 11 08.40525	02 37 16.14	+11 50 08.6		691
1991 VO7		1991 11 08.42586	02 37 14.97	+11 50 03.6	19.4 V	691
1991 VP7	*	1991 11 03.37233	02 42 19.98	+12 19 38.2		691
1991 VP7		1991 11 03.39320	02 42 18.93	+12 19 27.1	18.0 V	691
1991 VP7		1991 11 03.41402	02 42 17.93	+12 19 16.7		691
1991 VP7		1991 11 08.38552	02 38 23.89	+11 38 22.5		691
1991 VP7		1991 11 08.40602	02 38 22.91	+11 38 12.6	17.9 V	691
1991 VP7		1991 11 08.42663	02 38 21.95	+11 38 02.7		691
1991 VQ7	*	1991 11 03.37516	02 46 25.21	+12 11 12.4		691
1991 VQ7		1991 11 03.39602	02 46 23.85	+12 11 08.9	17.9 V	691
1991 VQ7		1991 11 03.41684	02 46 22.51	+12 11 05.4		691
1991 VQ7		1991 11 08.32412	02 41 16.29	+11 58 40.1	18.1 V	691
1991 VQ7		1991 11 08.34934	02 41 14.65	+11 58 36.6		691
1991 VQ7		1991 11 08.36595	02 41 13.56	+11 58 34.4		691
1991 VR7	*	1991 11 03.37557	02 47 00.13	+12 07 14.3	18.2 V	691
1991 VR7		1991 11 03.39643	02 46 58.70	+12 07 10.8		691
1991 VR7		1991 11 03.41724	02 46 57.32	+12 07 07.4		691
1991 VR7		1991 11 08.38771	02 41 33.60	+11 53 44.8		691
1991 VR7		1991 11 08.40821	02 41 32.21	+11 53 40.5	18.1 V	691
1991 VR7		1991 11 08.42882	02 41 30.85	+11 53 37.3		691
1991 VS7	*	1991 11 03.37620	02 47 54.66	+12 31 44.2	19.7 V	691
1991 VS7		1991 11 03.39706	02 47 53.40	+12 31 40.5		691
1991 VS7		1991 11 03.41787	02 47 52.14	+12 31 37.7		691
1991 VS7		1991 11 08.32520	02 43 06.44	+12 19 53.2		691
1991 VS7		1991 11 08.35040	02 43 04.91	+12 19 49.4	19.5 V	691
1991 VS7		1991 11 08.36700	02 43 03.92	+12 19 47.1		691
1991 VT7	*	1991 11 03.37746	02 49 43.70	+12 10 12.7		691
1991 VT7		1991 11 03.39832	02 49 42.62	+12 10 03.0	18.8 V	691
1991 VT7		1991 11 03.41914	02 49 41.50	+12 09 53.7		691
1991 VT7		1991 11 08.39040	02 45 26.64	+11 32 33.4		691
1991 VT7		1991 11 08.41090	02 45 25.58	+11 32 25.0	18.4 V	691
1991 VT7		1991 11 08.43151	02 45 24.48	+11 32 16.0		691
1991 VU7	*	1991 11 03.37762	02 49 57.80	+12 10 36.5	19.5 V	691
1991 VU7		1991 11 03.39848	02 49 56.47	+12 10 34.8		691
1991 VU7		1991 11 03.41929	02 49 55.15	+12 10 33.8		691
1991 VU7		1991 11 08.32642	02 44 52.60	+12 06 11.3	19.3 V	691
1991 VU7		1991 11 08.35163	02 44 50.99	+12 06 09.9		691
1991 VU7		1991 11 08.36823	02 44 49.95	+12 06 08.7		691
1991 VV7	*	1991 11 03.37769	02 50 03.99	+12 15 01.0	19.7 V	691
1991 VV7		1991 11 03.39855	02 50 02.66	+12 14 53.6		691
1991 VV7		1991 11 03.41937	02 50 01.39	+12 14 45.9		691
1991 VV7		1991 11 08.39016	02 45 05.96	+11 46 10.1		691
1991 VV7		1991 11 08.41066	02 45 04.74	+11 46 02.8		691
1991 VV7		1991 11 08.43127	02 45 03.48	+11 45 55.6	19.6 V	691
1991 VW7	*	1991 11 03.37828	02 50 55.21	+12 02 41.2		691
1991 VW7		1991 11 03.39914	02 50 53.89	+12 02 35.1		691
1991 VW7		1991 11 03.41996	02 50 52.52	+12 02 28.7	20.5 V	691
1991 VW7		1991 11 08.39074	02 45 56.43	+11 37 30.5	20.2 V	691
1991 VW7		1991 11 08.41124	02 45 55.24	+11 37 23.9		691
1991 VW7		1991 11 08.43185	02 45 54.05	+11 37 16.8		691
1991 VX7	*	1991 11 03.37885	02 51 44.54	+12 29 51.1		691
1991 VX7		1991 11 03.39971	02 51 43.52	+12 29 43.0	19.6 V	691
1991 VX7		1991 11 03.42053	02 51 42.49	+12 29 35.4		691
1991 VX7		1991 11 08.32848	02 47 51.15	+11 59 29.5		691
1991 VX7		1991 11 08.35369	02 47 49.86	+11 59 20.1	19.4 V	691

1991 VX7		1991 11 08.37030	02 47 49.01	+11 59 14.0		691
1991 VX7		1991 11 08.39203	02 47 47.98	+11 59 06.0	19.4 V	691
1991 VX7		1991 11 08.41253	02 47 47.01	+11 58 58.1		691
1991 VX7		1991 11 08.43315	02 47 45.97	+11 58 50.8		691
1991 VY7	*	1991 11 03.37984	02 53 09.90	+12 26 32.9	20.5 V	691
1991 VY7		1991 11 03.40069	02 53 08.58	+12 26 26.6		691
1991 VY7		1991 11 03.42151	02 53 07.30	+12 26 21.2		691
1991 VY7		1991 11 08.32871	02 48 10.68	+12 04 08.8		691
1991 VY7		1991 11 08.35391	02 48 09.08	+12 04 01.9		691
1991 VY7		1991 11 08.37051	02 48 08.05	+12 03 57.3	20.4 V	691
1991 VZ7	*	1991 11 03.38004	02 53 27.78	+12 24 39.2	19.5 V	691
1991 VZ7		1991 11 03.40090	02 53 26.58	+12 24 37.0		691
1991 VZ7		1991 11 03.42172	02 53 25.38	+12 24 34.7		691
1991 VZ7		1991 11 08.32912	02 48 46.67	+12 16 00.1	19.3 V	691
1991 VZ7		1991 11 08.35433	02 48 45.19	+12 15 57.2		691
1991 VZ7		1991 11 08.37093	02 48 44.21	+12 15 55.5		691
1991 VA8	*	1991 11 04.15526	02 46 52.39	+13 25 46.2		691
1991 VA8		1991 11 04.17590	02 46 51.22	+13 25 40.5	19.4 V	691
1991 VA8		1991 11 04.19654	02 46 49.99	+13 25 35.7		691
1991 VA8		1991 11 05.30714	02 45 47.81	+13 21 05.2	19.2 V	691
1991 VA8		1991 11 05.32416	02 45 46.85	+13 21 00.8		691
1991 VA8		1991 11 05.34491	02 45 45.65	+13 20 55.5		691
1991 VB8	*	1991 11 04.15792	02 50 42.54	+13 29 38.5		691
1991 VB8		1991 11 04.17856	02 50 41.46	+13 29 29.3	20.2 V	691
1991 VB8		1991 11 04.19920	02 50 40.59	+13 29 18.7		691
1991 VB8		1991 11 08.24618	02 47 27.22	+12 59 18.8	19.8 V	691
1991 VB8		1991 11 08.25915	02 47 26.60	+12 59 13.2		691
1991 VB8		1991 11 08.27168	02 47 25.98	+12 59 07.5		691
1991 VB8		1991 11 08.28474	02 47 25.35	+12 59 01.3	19.6 V	691
1991 VB8		1991 11 08.29751	02 47 24.67	+12 58 55.9		691
1991 VB8		1991 11 08.31055	02 47 23.92	+12 58 49.4		691
1991 VC8	*	1991 11 04.15827	02 51 13.01	+13 31 22.5		691
1991 VC8		1991 11 04.17891	02 51 11.83	+13 31 13.1	19.3 V	691
1991 VC8		1991 11 04.19955	02 51 10.65	+13 31 03.5		691
1991 VC8		1991 11 08.24621	02 47 29.79	+12 59 54.2	18.9 V	691
1991 VC8		1991 11 08.25918	02 47 29.15	+12 59 48.3		691
1991 VC8		1991 11 08.27171	02 47 28.36	+12 59 42.7		691
1991 VC8		1991 11 08.28476	02 47 27.65	+12 59 37.0	18.9 V	691
1991 VC8		1991 11 08.29753	02 47 26.92	+12 59 30.8		691
1991 VC8		1991 11 08.31058	02 47 26.18	+12 59 24.3		691
1991 VD8	*	1991 11 04.15857	02 51 38.71	+13 23 28.7		691
1991 VD8		1991 11 04.17921	02 51 37.69	+13 23 23.5	18.7 V	691
1991 VD8		1991 11 04.19985	02 51 36.71	+13 23 19.7		691
1991 VD8		1991 11 05.31055	02 50 43.29	+13 19 16.4		691
1991 VD8		1991 11 05.32757	02 50 42.49	+13 19 12.1	18.7 V	691
1991 VD8		1991 11 05.34833	02 50 41.54	+13 19 07.6		691
1991 VE8	*	1991 11 04.16114	02 55 21.80	+13 57 20.7		691
1991 VE8		1991 11 04.18179	02 55 20.79	+13 57 08.4	18.9 V	691
1991 VE8		1991 11 04.20242	02 55 19.72	+13 56 55.7		691
1991 VE8		1991 11 07.18177	02 52 50.59	+13 27 01.4	18.5 V	691
1991 VE8		1991 11 07.19232	02 52 50.04	+13 26 55.1		691
1991 VE8		1991 11 07.20372	02 52 49.45	+13 26 48.2		691
1991 VF8	*	1991 11 04.16186	02 56 23.56	+13 29 35.9		691
1991 VF8		1991 11 04.18250	02 56 22.34	+13 29 37.9		691
1991 VF8		1991 11 04.20313	02 56 21.01	+13 29 40.3	18.7 V	691
1991 VF8		1991 11 06.32402	02 54 12.32	+13 33 27.4	18.5 V	691
1991 VF8		1991 11 06.33483	02 54 11.63	+13 33 28.4		691
1991 VF8		1991 11 06.35250	02 54 10.50	+13 33 30.2		691
1991 VG8	*	1991 11 04.16248	02 57 17.87	+13 33 20.4		691

1991 VG8		1991 11 04.18312	02 57 16.60	+13 33 19.4	19.3 V	691
1991 VG8		1991 11 04.20376	02 57 15.28	+13 33 18.5		691
1991 VG8		1991 11 07.18269	02 54 10.24	+13 30 46.4	18.9 V	691
1991 VG8		1991 11 07.19324	02 54 09.58	+13 30 45.6		691
1991 VG8		1991 11 07.20464	02 54 08.85	+13 30 45.4		691
1991 VG8		1991 11 07.33725	02 54 00.47	+13 30 38.4		691
1991 VG8		1991 11 07.34780	02 53 59.83	+13 30 38.3		691
1991 VG8		1991 11 07.35857	02 53 59.12	+13 30 37.6	19.0 V	691
1991 VH8	*	1991 11 04.16282	02 57 46.97	+13 47 04.9		691
1991 VH8		1991 11 04.18346	02 57 45.97	+13 46 53.9	19.4 V	691
1991 VH8		1991 11 04.20410	02 57 44.88	+13 46 43.6		691
1991 VH8		1991 11 07.18351	02 55 21.43	+13 20 41.1		691
1991 VH8		1991 11 07.19406	02 55 20.92	+13 20 36.0	19.0 V	691
1991 VH8		1991 11 07.20546	02 55 20.32	+13 20 30.1		691
1991 VJ8	*	1991 11 04.16324	02 58 23.31	+13 39 36.8		691
1991 VJ8		1991 11 04.18388	02 58 22.06	+13 39 34.2	18.8 V	691
1991 VJ8		1991 11 04.20452	02 58 20.81	+13 39 32.2		691
1991 VJ8		1991 11 06.32544	02 56 15.51	+13 35 14.2		691
1991 VJ8		1991 11 06.33625	02 56 14.86	+13 35 12.5	18.7 V	691
1991 VJ8		1991 11 06.35392	02 56 13.75	+13 35 10.3		691
1991 VK8	*	1991 11 04.21599	02 43 32.84	+13 05 17.9	19.2 V	691
1991 VK8		1991 11 04.23857	02 43 31.59	+13 05 16.3		691
1991 VK8		1991 11 04.26100	02 43 30.37	+13 05 15.3		691
1991 VK8		1991 11 06.28558	02 41 40.15	+13 03 10.3		691
1991 VK8		1991 11 06.29607	02 41 39.56	+13 03 09.1	19.3 V	691
1991 VK8		1991 11 06.30801	02 41 38.92	+13 03 09.3		691
1991 VL8	*	1991 11 04.21611	02 43 43.45	+13 07 40.3	20.5 V	691
1991 VL8		1991 11 04.23869	02 43 41.94	+13 07 14.2		691
1991 VL8		1991 11 04.26112	02 43 40.43	+13 06 47.9		691
1991 VL8		1991 11 08.38611	02 39 15.25	+11 46 56.7		691
1991 VL8		1991 11 08.40661	02 39 13.92	+11 46 32.4		691
1991 VL8		1991 11 08.42722	02 39 12.57	+11 46 09.4	20.2 V	691
1991 VM8	*	1991 11 04.21668	02 44 32.96	+13 03 45.8		691
1991 VM8		1991 11 04.23927	02 44 31.70	+13 03 40.2	20.3 V	691
1991 VM8		1991 11 04.26169	02 44 30.28	+13 03 34.7		691
1991 VM8		1991 11 05.30562	02 43 36.09	+12 59 17.0		691
1991 VM8		1991 11 05.32264	02 43 35.07	+12 59 13.5	20.5 V	691
1991 VM8		1991 11 05.34339	02 43 33.95	+12 59 07.6		691
1991 VM8		1991 11 06.28614	02 42 45.12	+12 55 15.6	20.2 V	691
1991 VM8		1991 11 06.29664	02 42 44.55	+12 55 12.8		691
1991 VM8		1991 11 06.30857	02 42 43.87	+12 55 10.3		691
1991 VN8	*	1991 11 04.21693	02 44 54.46	+13 01 36.5		691
1991 VN8		1991 11 04.23951	02 44 52.97	+13 01 29.7		691
1991 VN8		1991 11 04.26194	02 44 51.48	+13 01 23.3	18.2 V	691
1991 VN8		1991 11 05.30573	02 43 44.93	+12 56 11.6	18.3 V	691
1991 VN8		1991 11 05.32274	02 43 43.76	+12 56 06.8		691
1991 VN8		1991 11 05.34349	02 43 42.39	+12 56 00.2		691
1991 VN8		1991 11 06.28612	02 42 42.73	+12 51 20.7	18.0 V	691
1991 VN8		1991 11 06.29661	02 42 42.03	+12 51 18.1		691
1991 VN8		1991 11 06.30854	02 42 41.24	+12 51 14.9		691
1991 VO8	*	1991 11 04.21697	02 44 57.46	+12 58 30.3		691
1991 VO8		1991 11 04.23955	02 44 56.08	+12 58 31.8		691
1991 VO8		1991 11 04.26197	02 44 54.69	+12 58 31.8	20.6 V	691
1991 VO8		1991 11 05.30580	02 43 51.19	+12 58 59.9	20.9 V	691
1991 VO8		1991 11 05.32281	02 43 50.10	+12 59 01.0		691
1991 VO8		1991 11 05.34356	02 43 48.78	+12 59 01.1		691
1991 VO8		1991 11 06.28622	02 42 51.70	+12 59 27.4		691
1991 VO8		1991 11 06.29671	02 42 51.09	+12 59 27.3	20.4 V	691
1991 VO8		1991 11 06.30865	02 42 50.31	+12 59 28.5		691

1991 VP8	*	1991 11 04.21793	02 46 20.97	+12 53 42.9	20.0 V	691
1991 VP8		1991 11 04.24051	02 46 19.43	+12 53 40.3		691
1991 VP8		1991 11 04.26293	02 46 17.95	+12 53 37.6		691
1991 VP8		1991 11 05.30671	02 45 10.10	+12 51 34.7	20.0 V	691
1991 VP8		1991 11 05.32372	02 45 08.93	+12 51 32.7		691
1991 VP8		1991 11 05.34447	02 45 07.53	+12 51 29.2		691
1991 VP8		1991 11 06.28709	02 44 06.87	+12 49 42.6	19.9 V	691
1991 VP8		1991 11 06.29758	02 44 06.12	+12 49 41.0		691
1991 VP8		1991 11 06.30951	02 44 05.32	+12 49 39.4		691
1991 VQ8	*	1991 11 04.21804	02 46 30.94	+12 57 46.8	18.5 V	691
1991 VQ8		1991 11 04.24063	02 46 29.43	+12 57 43.0		691
1991 VQ8		1991 11 04.26305	02 46 27.92	+12 57 39.6		691
1991 VQ8		1991 11 06.28719	02 44 15.73	+12 52 09.9	19.2 V	691
1991 VQ8		1991 11 06.29768	02 44 15.01	+12 52 08.2		691
1991 VQ8		1991 11 06.30961	02 44 14.20	+12 52 06.1		691
1991 VR8	*	1991 11 04.21814	02 46 39.23	+13 00 20.4	19.6 V	691
1991 VR8		1991 11 04.24073	02 46 37.89	+13 00 17.0		691
1991 VR8		1991 11 04.26315	02 46 36.50	+13 00 13.2		691
1991 VR8		1991 11 05.30701	02 45 36.33	+12 57 26.7		691
1991 VR8		1991 11 05.32403	02 45 35.31	+12 57 23.4	19.6 V	691
1991 VR8		1991 11 05.34478	02 45 34.04	+12 57 20.2		691
1991 VS8	*	1991 11 04.21835	02 46 57.49	+13 04 07.6	19.7 V	691
1991 VS8		1991 11 04.24094	02 46 56.15	+13 03 57.4		691
1991 VS8		1991 11 04.26336	02 46 54.87	+13 03 47.7		691
1991 VS8		1991 11 05.30724	02 45 55.90	+12 55 57.4		691
1991 VS8		1991 11 05.32425	02 45 54.93	+12 55 50.0	20.1 V	691
1991 VS8		1991 11 05.34500	02 45 53.69	+12 55 40.3		691
1991 VT8	*	1991 11 04.21925	02 48 15.56	+12 45 51.1	20.2 V	691
1991 VT8		1991 11 04.24184	02 48 14.48	+12 45 39.1		691
1991 VT8		1991 11 04.26427	02 48 13.37	+12 45 26.8		691
1991 VT8		1991 11 08.32663	02 45 10.53	+12 10 13.2		691
1991 VT8		1991 11 08.35184	02 45 09.31	+12 09 59.9		691
1991 VT8		1991 11 08.36844	02 45 08.51	+12 09 51.8	19.9 V	691
1991 VU8	*	1991 11 04.22051	02 50 04.30	+13 06 52.8	19.9 V	691
1991 VU8		1991 11 04.24309	02 50 02.96	+13 06 45.9		691
1991 VU8		1991 11 04.26552	02 50 01.58	+13 06 39.0		691
1991 VU8		1991 11 06.28982	02 48 03.42	+12 55 55.3		691
1991 VU8		1991 11 06.30031	02 48 02.81	+12 55 52.2	19.7 V	691
1991 VU8		1991 11 06.31224	02 48 02.04	+12 55 48.2		691
1991 VU8		1991 11 08.24568	02 46 08.94	+12 45 35.5		691
1991 VU8		1991 11 08.25866	02 46 08.17	+12 45 31.4		691
1991 VU8		1991 11 08.27118	02 46 07.36	+12 45 28.0	20.3 V	691
1991 VU8		1991 11 08.28425	02 46 06.61	+12 45 23.6		691
1991 VU8		1991 11 08.29702	02 46 05.81	+12 45 20.0	19.9 V	691
1991 VU8		1991 11 08.31008	02 46 05.06	+12 45 15.4		691
1991 VV8	*	1991 11 04.22076	02 50 25.75	+12 51 31.8		691
1991 VV8		1991 11 04.24334	02 50 24.56	+12 51 26.1	19.1 V	691
1991 VV8		1991 11 04.26577	02 50 23.25	+12 51 20.4		691
1991 VV8		1991 11 06.29021	02 48 37.64	+12 42 40.1		691
1991 VV8		1991 11 06.30071	02 48 37.11	+12 42 38.0		691
1991 VV8		1991 11 06.31264	02 48 36.43	+12 42 35.0	19.0 V	691
1991 VV8		1991 11 08.24595	02 46 55.73	+12 34 21.9	19.2 V	691
1991 VV8		1991 11 08.25893	02 46 55.04	+12 34 18.5		691
1991 VV8		1991 11 08.27145	02 46 54.29	+12 34 15.9		691
1991 VV8		1991 11 08.28452	02 46 53.60	+12 34 12.0	19.4 V	691
1991 VV8		1991 11 08.29729	02 46 52.91	+12 34 09.0		691
1991 VV8		1991 11 08.31035	02 46 52.22	+12 34 05.9		691
1991 VW8	*	1991 11 04.22165	02 51 43.40	+13 08 38.2		691
1991 VW8		1991 11 04.24424	02 51 42.25	+13 08 33.0	18.2 V	691

1991 VW8		1991 11 04.26666	02 51 41.12	+13 08 27.9		691
1991 VW8		1991 11 06.29118	02 50 01.31	+13 00 39.9		691
1991 VW8		1991 11 06.30167	02 50 00.69	+13 00 35.4		691
1991 VW8		1991 11 06.31361	02 49 59.94	+13 00 33.0	17.8 V	691
1991 VW8		1991 11 08.24684	02 48 24.72	+12 53 10.1		691
1991 VW8		1991 11 08.25981	02 48 24.08	+12 53 06.9	18.1 V	691
1991 VW8		1991 11 08.27234	02 48 23.43	+12 53 04.0		691
1991 VW8		1991 11 08.28540	02 48 22.77	+12 53 01.0		691
1991 VW8		1991 11 08.29817	02 48 22.13	+12 52 58.2	17.8 V	691
1991 VW8		1991 11 08.31121	02 48 21.47	+12 52 54.9		691
1991 VX8	*	1991 11 04.22175	02 51 51.65	+13 10 11.9		691
1991 VX8		1991 11 04.24433	02 51 50.38	+13 10 11.1		691
1991 VX8		1991 11 04.26676	02 51 49.19	+13 10 09.6	20.8 V	691
1991 VX8		1991 11 05.31067	02 50 53.74	+13 09 06.5	20.5 V	691
1991 VX8		1991 11 05.32769	02 50 52.83	+13 09 05.7		691
1991 VX8		1991 11 05.34844	02 50 51.82	+13 09 04.3		691
1991 VX8		1991 11 06.29118	02 50 01.75	+13 08 07.2		691
1991 VX8		1991 11 06.30168	02 50 01.16	+13 08 06.1		691
1991 VX8		1991 11 06.31361	02 50 00.52	+13 08 06.2	20.5 V	691
1991 VY8	*	1991 11 04.22176	02 51 53.07	+13 18 11.1		691
1991 VY8		1991 11 04.24435	02 51 51.63	+13 18 08.9		691
1991 VY8		1991 11 04.26677	02 51 50.22	+13 18 06.5	19.0 V	691
1991 VY8		1991 11 05.31059	02 50 46.62	+13 16 16.6		691
1991 VY8		1991 11 05.32761	02 50 45.51	+13 16 14.8	18.9 V	691
1991 VY8		1991 11 05.34836	02 50 44.25	+13 16 12.6		691
1991 VY8		1991 11 06.29101	02 49 46.76	+13 14 35.0		691
1991 VY8		1991 11 06.30150	02 49 46.09	+13 14 33.3	18.7 V	691
1991 VY8		1991 11 06.31344	02 49 45.32	+13 14 31.1		691
1991 VZ8	*	1991 11 04.22223	02 52 33.47	+12 53 07.4		691
1991 VZ8		1991 11 04.24481	02 52 32.07	+12 53 06.3	17.7 V	691
1991 VZ8		1991 11 04.26724	02 52 30.69	+12 53 05.6		691
1991 VZ8		1991 11 05.31108	02 51 28.66	+12 52 24.1	17.8 V	691
1991 VZ8		1991 11 05.32809	02 51 27.60	+12 52 23.5		691
1991 VZ8		1991 11 05.34884	02 51 26.37	+12 52 22.4		691
1991 VZ8		1991 11 06.29152	02 50 30.45	+12 51 46.9	17.5 V	691
1991 VZ8		1991 11 06.30201	02 50 29.81	+12 51 46.2		691
1991 VZ8		1991 11 06.31394	02 50 29.06	+12 51 45.7		691
1991 VZ8		1991 11 08.28551	02 48 32.12	+12 50 34.4	17.6 V	691
1991 VZ8		1991 11 08.29828	02 48 31.34	+12 50 34.1		691
1991 VZ8		1991 11 08.31132	02 48 30.54	+12 50 33.4		691
1991 VA9	*	1991 11 04.22293	02 53 33.89	+12 43 21.7	18.3 V	691
1991 VA9		1991 11 04.24551	02 53 32.32	+12 43 19.4		691
1991 VA9		1991 11 04.26793	02 53 30.80	+12 43 17.4		691
1991 VA9		1991 11 06.29206	02 51 17.74	+12 40 21.3		691
1991 VA9		1991 11 06.30255	02 51 17.04	+12 40 20.0	18.2 V	691
1991 VA9		1991 11 06.31449	02 51 16.22	+12 40 18.8		691
1991 VA9		1991 11 08.24735	02 49 08.91	+12 37 34.4		691
1991 VA9		1991 11 08.26032	02 49 08.02	+12 37 33.1	18.3 V	691
1991 VA9		1991 11 08.27285	02 49 07.17	+12 37 33.0		691
1991 VA9		1991 11 08.28590	02 49 06.28	+12 37 31.1		691
1991 VA9		1991 11 08.29867	02 49 05.40	+12 37 30.3	18.3 V	691
1991 VA9		1991 11 08.31171	02 49 04.52	+12 37 28.9		691
1991 VB9	*	1991 11 04.22321	02 53 58.60	+13 00 15.3		691
1991 VB9		1991 11 04.24580	02 53 57.49	+13 00 11.1	17.9 V	691
1991 VB9		1991 11 04.26823	02 53 56.36	+13 00 07.2		691
1991 VB9		1991 11 05.31220	02 53 06.04	+12 57 02.2		691
1991 VB9		1991 11 05.32922	02 53 05.19	+12 56 59.1		691
1991 VB9		1991 11 05.34997	02 53 04.17	+12 56 55.1	18.2 V	691
1991 VB9		1991 11 06.29277	02 52 18.74	+12 54 09.2	17.7 V	691

1991 VB9		1991 11 06.30326	02 52 18.22	+12 54 07.6		691
1991 VB9		1991 11 06.31520	02 52 17.63	+12 54 05.3		691
1991 VB9		1991 11 08.24845	02 50 44.32	+12 48 26.9	18.1 V	691
1991 VB9		1991 11 08.26143	02 50 43.68	+12 48 24.7		691
1991 VB9		1991 11 08.27395	02 50 43.05	+12 48 22.5		691
1991 VB9		1991 11 08.28701	02 50 42.39	+12 48 20.5	17.8 V	691
1991 VB9		1991 11 08.29978	02 50 41.78	+12 48 18.1		691
1991 VB9		1991 11 08.31283	02 50 41.11	+12 48 15.7		691
1991 VC9	*	1991 11 04.22393	02 55 00.40	+12 58 30.1	20.1 V	691
1991 VC9		1991 11 04.24651	02 54 59.01	+12 58 25.0		691
1991 VC9		1991 11 04.26893	02 54 57.63	+12 58 20.3		691
1991 VC9		1991 11 05.31276	02 53 54.66	+12 54 40.2	20.2 V	691
1991 VC9		1991 11 05.32978	02 53 53.60	+12 54 36.6		691
1991 VC9		1991 11 05.35053	02 53 52.31	+12 54 32.3		691
1991 VC9		1991 11 08.24860	02 50 57.21	+12 44 25.1	19.9 V	691
1991 VC9		1991 11 08.26157	02 50 56.39	+12 44 22.0		691
1991 VC9		1991 11 08.27410	02 50 55.61	+12 44 19.3		691
1991 VC9		1991 11 08.28715	02 50 54.80	+12 44 16.8	19.9 V	691
1991 VC9		1991 11 08.29992	02 50 54.04	+12 44 14.1		691
1991 VC9		1991 11 08.31297	02 50 53.20	+12 44 11.3		691
1991 VD9	*	1991 11 04.22463	02 56 01.78	+13 17 16.5	19.5 V	691
1991 VD9		1991 11 04.24722	02 56 00.35	+13 17 18.1		691
1991 VD9		1991 11 04.26964	02 55 58.96	+13 17 19.7		691
1991 VD9		1991 11 05.31346	02 54 55.21	+13 18 21.4	19.7 V	691
1991 VD9		1991 11 05.33048	02 54 54.14	+13 18 22.8		691
1991 VD9		1991 11 05.35123	02 54 52.83	+13 18 23.7		691
1991 VD9		1991 11 07.18189	02 53 01.31	+13 20 14.3		691
1991 VD9		1991 11 07.19244	02 53 00.64	+13 20 15.0	19.4 V	691
1991 VD9		1991 11 07.20384	02 52 59.93	+13 20 16.0		691
1991 VD9		1991 11 07.33645	02 52 51.53	+13 20 23.8		691
1991 VD9		1991 11 07.34700	02 52 50.87	+13 20 25.0		691
1991 VD9		1991 11 07.35777	02 52 50.21	+13 20 25.3	19.6 V	691
1991 VE9	*	1991 11 04.22506	02 56 38.70	+13 02 14.4		691
1991 VE9		1991 11 04.24765	02 56 37.37	+13 02 10.5	19.6 V	691
1991 VE9		1991 11 04.27007	02 56 36.17	+13 02 01.7		691
1991 VE9		1991 11 08.24995	02 52 54.23	+12 44 59.8		691
1991 VE9		1991 11 08.26292	02 52 53.40	+12 44 55.0	19.4 V	691
1991 VE9		1991 11 08.27545	02 52 52.60	+12 44 50.5		691
1991 VE9		1991 11 08.28850	02 52 51.70	+12 44 45.9		691
1991 VE9		1991 11 08.30127	02 52 50.93	+12 44 41.3	19.1 V	691
1991 VE9		1991 11 08.31432	02 52 50.06	+12 44 36.8		691
1991 VF9	*	1991 11 04.22507	02 56 39.84	+13 10 24.7		691
1991 VF9		1991 11 04.24766	02 56 38.71	+13 10 19.9		691
1991 VF9		1991 11 04.27009	02 56 37.63	+13 10 16.4	20.5 V	691
1991 VF9		1991 11 05.31406	02 55 47.31	+13 06 58.1	20.5 V	691
1991 VF9		1991 11 05.33108	02 55 46.44	+13 06 54.9		691
1991 VF9		1991 11 05.35183	02 55 45.41	+13 06 51.0		691
1991 VF9		1991 11 07.18277	02 54 17.21	+13 01 04.5		691
1991 VF9		1991 11 07.19332	02 54 16.65	+13 01 02.0		691
1991 VF9		1991 11 07.20472	02 54 16.08	+13 00 59.8	20.3 V	691
1991 VF9		1991 11 07.33735	02 54 09.41	+13 00 34.9		691
1991 VF9		1991 11 07.34790	02 54 08.90	+13 00 32.9	20.3 V	691
1991 VF9		1991 11 07.35868	02 54 08.41	+13 00 30.7		691
1991 VF9		1991 11 08.25031	02 53 25.41	+12 57 43.5		691
1991 VF9		1991 11 08.26329	02 53 24.76	+12 57 40.4	20.4 V	691
1991 VF9		1991 11 08.27581	02 53 24.17	+12 57 37.8		691
1991 VF9		1991 11 08.28887	02 53 23.50	+12 57 35.1	20.3 V	691
1991 VF9		1991 11 08.30164	02 53 22.90	+12 57 32.8		691
1991 VF9		1991 11 08.31469	02 53 22.24	+12 57 30.6		691

1991 VG9	*	1991 11 04.22536	02 57 04.80	+12 56 17.9		691
1991 VG9		1991 11 04.24795	02 57 03.55	+12 56 13.5	19.5 V	691
1991 VG9		1991 11 04.27037	02 57 02.36	+12 56 09.4		691
1991 VG9		1991 11 05.31430	02 56 07.72	+12 52 54.9		691
1991 VG9		1991 11 05.33131	02 56 06.75	+12 52 51.9	19.7 V	691
1991 VG9		1991 11 05.35207	02 56 05.63	+12 52 47.6		691
1991 VG9		1991 11 08.25041	02 53 33.87	+12 43 53.7	19.5 V	691
1991 VG9		1991 11 08.26338	02 53 33.19	+12 43 51.2		691
1991 VG9		1991 11 08.27591	02 53 32.54	+12 43 48.9		691
1991 VG9		1991 11 08.28897	02 53 31.78	+12 43 46.4	19.4 V	691
1991 VG9		1991 11 08.30174	02 53 31.13	+12 43 44.1		691
1991 VG9		1991 11 08.31478	02 53 30.40	+12 43 41.6		691
1991 VH9	*	1991 11 04.22540	02 57 08.43	+13 09 32.2	19.4 V	691
1991 VH9		1991 11 04.24799	02 57 07.00	+13 09 23.6		691
1991 VH9		1991 11 04.27041	02 57 05.49	+13 09 15.5		691
1991 VH9		1991 11 05.31420	02 55 59.48	+13 02 51.4		691
1991 VH9		1991 11 05.33122	02 55 58.36	+13 02 45.1		691
1991 VH9		1991 11 05.35197	02 55 57.01	+13 02 37.8	19.4 V	691
1991 VJ9	*	1991 11 04.22575	02 57 38.50	+12 58 24.7	18.8 V	691
1991 VJ9		1991 11 04.24834	02 57 37.18	+12 58 24.1		691
1991 VJ9		1991 11 04.27076	02 57 35.85	+12 58 23.5		691
1991 VJ9		1991 11 05.31463	02 56 35.98	+12 57 46.1	19.0 V	691
1991 VJ9		1991 11 05.33164	02 56 34.99	+12 57 45.5		691
1991 VJ9		1991 11 05.35239	02 56 33.74	+12 57 44.8		691
1991 VJ9		1991 11 08.25056	02 53 46.41	+12 56 05.9	18.8 V	691
1991 VJ9		1991 11 08.26353	02 53 45.64	+12 56 05.1		691
1991 VJ9		1991 11 08.27605	02 53 44.93	+12 56 05.2		691
1991 VK9	*	1991 11 04.22586	02 57 47.97	+12 50 27.5	19.7 V	691
1991 VK9		1991 11 04.24843	02 57 45.29	+12 50 59.4		691
1991 VK9		1991 11 04.27084	02 57 42.59	+12 51 30.8		691
1991 VK9		1991 11 05.31400	02 55 41.54	+13 16 04.5		691
1991 VK9		1991 11 05.33100	02 55 39.46	+13 16 29.0	19.6 V	691
1991 VK9		1991 11 05.35174	02 55 36.97	+13 16 57.3		691
1991 VK9		1991 11 06.32368	02 53 43.22	+13 39 56.6		691
1991 VK9		1991 11 06.33449	02 53 41.91	+13 40 12.4	19.5 V	691
1991 VK9		1991 11 06.35214	02 53 39.77	+13 40 37.4		691
1991 VL9	*	1991 11 04.22683	02 59 12.37	+12 58 50.2		691
1991 VL9		1991 11 04.24942	02 59 10.93	+12 58 46.4	18.9 V	691
1991 VL9		1991 11 04.27184	02 59 09.50	+12 58 43.1		691
1991 VL9		1991 11 05.31567	02 58 06.22	+12 55 52.5		691
1991 VL9		1991 11 05.33268	02 58 05.10	+12 55 48.7	19.0 V	691
1991 VL9		1991 11 05.35343	02 58 03.76	+12 55 45.4		691
1991 VL9		1991 11 08.25150	02 55 08.49	+12 48 03.2	18.8 V	691
1991 VL9		1991 11 08.26447	02 55 07.69	+12 48 00.6		691
1991 VL9		1991 11 08.27700	02 55 06.94	+12 47 58.7		691
1991 VL9		1991 11 08.29005	02 55 06.05	+12 47 57.1		691
1991 VL9		1991 11 08.30282	02 55 05.18	+12 47 54.7	19.1 V	691
1991 VL9		1991 11 08.31587	02 55 04.40	+12 47 52.9		691
1991 VM9	*	1991 11 04.22688	02 59 16.00	+13 04 22.7	20.0 V	691
1991 VM9		1991 11 04.24946	02 59 14.68	+13 04 18.8		691
1991 VM9		1991 11 04.27189	02 59 13.48	+13 04 13.5		691
1991 VM9		1991 11 05.31579	02 58 16.71	+13 00 50.2	20.4 V	691
1991 VM9		1991 11 05.33280	02 58 15.75	+13 00 47.1		691
1991 VM9		1991 11 05.35355	02 58 14.52	+13 00 43.3		691
1991 VM9		1991 11 08.25183	02 55 36.56	+12 51 24.1		691
1991 VM9		1991 11 08.26480	02 55 35.84	+12 51 21.9	19.8 V	691
1991 VM9		1991 11 08.27732	02 55 35.19	+12 51 18.9		691
1991 VM9		1991 11 08.29038	02 55 34.36	+12 51 16.9		691
1991 VM9		1991 11 08.30315	02 55 33.61	+12 51 14.5	19.7 V	691

1991 VM9		1991 11 08.31619	02 55 32.91	+12 51 12.2		691
1991 VN9	*	1991 11 04.22709	02 59 34.94	+12 51 25.1	19.8 V	691
1991 VN9		1991 11 04.24968	02 59 33.61	+12 51 15.9		691
1991 VN9		1991 11 04.27210	02 59 32.28	+12 51 07.7		691
1991 VN9		1991 11 08.33389	02 55 39.70	+12 25 31.1		691
1991 VN9		1991 11 08.35910	02 55 38.17	+12 25 21.4	19.6 V	691
1991 VN9		1991 11 08.37570	02 55 37.21	+12 25 15.0		691
1991 VN9		1991 11 09.22027	02 54 49.04	+12 19 59.4		691
1991 VN9		1991 11 09.22921	02 54 48.49	+12 19 55.8	19.6 V	691
1991 VN9		1991 11 09.26251	02 54 46.55	+12 19 42.9		691
1991 VN9		1991 11 09.37936	02 54 39.63	+12 18 58.9		691
1991 VN9		1991 11 09.38777	02 54 39.16	+12 18 55.7	19.8 V	691
1991 VN9		1991 11 09.39651	02 54 38.67	+12 18 52.7		691
1991 VO9	*	1991 11 04.22726	02 59 49.66	+12 49 22.6		691
1991 VO9		1991 11 04.24985	02 59 48.39	+12 49 16.9	20.3 V	691
1991 VO9		1991 11 04.27228	02 59 47.15	+12 49 12.0		691
1991 VO9		1991 11 08.25226	02 56 14.19	+12 31 34.5		691
1991 VO9		1991 11 08.26523	02 56 13.44	+12 31 30.9	20.1 V	691
1991 VO9		1991 11 08.27776	02 56 12.88	+12 31 28.1		691
1991 VO9		1991 11 08.29082	02 56 12.03	+12 31 24.6	20.0 V	691
1991 VO9		1991 11 08.30359	02 56 11.28	+12 31 21.0		691
1991 VO9		1991 11 08.31663	02 56 10.61	+12 31 17.5		691
1991 VO9		1991 11 08.33424	02 56 09.57	+12 31 11.9		691
1991 VO9		1991 11 08.35944	02 56 08.20	+12 31 06.0	19.9 V	691
1991 VO9		1991 11 08.37605	02 56 07.32	+12 31 01.4		691
1991 VO9		1991 11 09.22065	02 55 22.24	+12 27 21.4	20.2 V	691
1991 VO9		1991 11 09.22960	02 55 21.73	+12 27 18.4		691
1991 VO9		1991 11 09.26289	02 55 19.90	+12 27 09.7		691
1991 VO9		1991 11 09.37975	02 55 13.44	+12 26 38.9		691
1991 VO9		1991 11 09.38816	02 55 12.78	+12 26 37.1	19.5 V	691
1991 VO9		1991 11 09.39690	02 55 12.55	+12 26 36.2		691
1991 VP9	*	1991 11 04.22757	03 00 16.25	+12 49 28.3		691
1991 VP9		1991 11 04.25016	03 00 14.91	+12 49 23.7	20.6 V	691
1991 VP9		1991 11 04.27258	03 00 13.57	+12 49 20.3		691
1991 VP9		1991 11 08.25236	02 56 22.33	+12 39 47.7		691
1991 VP9		1991 11 08.26533	02 56 21.53	+12 39 45.8		691
1991 VP9		1991 11 08.27785	02 56 20.86	+12 39 44.0	20.3 V	691
1991 VP9		1991 11 08.29091	02 56 19.99	+12 39 42.3	20.1 V	691
1991 VP9		1991 11 08.30368	02 56 19.20	+12 39 40.5		691
1991 VP9		1991 11 08.31672	02 56 18.44	+12 39 38.4		691
1991 VQ9	*	1991 11 04.22775	03 00 31.32	+13 13 41.2	19.8 V	691
1991 VQ9		1991 11 04.25033	03 00 29.85	+13 13 34.8		691
1991 VQ9		1991 11 04.27275	03 00 28.43	+13 13 29.6		691
1991 VQ9		1991 11 05.31655	02 59 22.58	+13 08 47.3		691
1991 VQ9		1991 11 05.33356	02 59 21.46	+13 08 43.2		691
1991 VQ9		1991 11 05.35431	02 59 20.09	+13 08 37.7	19.7 V	691
1991 VQ9		1991 11 07.33949	02 57 14.84	+12 59 46.7		691
1991 VQ9		1991 11 07.35004	02 57 14.04	+12 59 45.4	19.8 V	691
1991 VQ9		1991 11 07.36081	02 57 13.36	+12 59 41.3		691
1991 VQ9		1991 11 08.25230	02 56 17.37	+12 55 45.6		691
1991 VQ9		1991 11 08.26527	02 56 16.51	+12 55 42.0	19.6 V	691
1991 VQ9		1991 11 08.27779	02 56 15.75	+12 55 39.2		691
1991 VQ9		1991 11 08.29085	02 56 14.85	+12 55 35.4		691
1991 VQ9		1991 11 08.30362	02 56 13.97	+12 55 32.0	19.2 V	691
1991 VQ9		1991 11 08.31666	02 56 13.14	+12 55 28.5		691
1991 VR9	*	1991 11 04.22793	03 00 47.68	+13 03 51.1	19.4 V	691
1991 VR9		1991 11 04.25052	03 00 46.13	+13 03 54.3		691
1991 VR9		1991 11 04.27294	03 00 44.61	+13 03 57.0		691
1991 VR9		1991 11 05.31670	02 59 35.34	+13 06 16.0	19.5 V	691

1991 VR9		1991 11 05.33371	02 59 34.14	+13 06 18.2		691
1991 VR9		1991 11 05.35446	02 59 32.75	+13 06 21.1		691
1991 VR9		1991 11 07.18501	02 57 31.48	+13 10 25.5	19.2 V	691
1991 VR9		1991 11 07.19556	02 57 30.78	+13 10 27.0		691
1991 VR9		1991 11 07.20696	02 57 29.98	+13 10 28.2		691
1991 VR9		1991 11 07.33956	02 57 20.85	+13 10 46.2		691
1991 VR9		1991 11 07.35011	02 57 20.15	+13 10 47.8	19.2 V	691
1991 VR9		1991 11 07.36088	02 57 19.39	+13 10 49.5		691
1991 VS9	*	1991 11 04.22827	03 01 17.18	+13 09 48.9		691
1991 VS9		1991 11 04.25086	03 01 15.49	+13 09 54.7		691
1991 VS9		1991 11 04.27328	03 01 13.87	+13 10 01.9	19.0 V	691
1991 VS9		1991 11 06.32720	02 58 47.94	+13 20 14.3	19.2 V	691
1991 VS9		1991 11 06.33801	02 58 47.15	+13 20 17.1		691
1991 VS9		1991 11 06.35568	02 58 45.79	+13 20 22.4		691
1991 VS9		1991 11 07.33973	02 57 35.59	+13 25 15.6	19.3 V	691
1991 VS9		1991 11 07.35028	02 57 34.77	+13 25 18.7		691
1991 VS9		1991 11 07.36105	02 57 33.99	+13 25 22.8		691
1991 VT9	*	1991 11 04.22834	03 01 22.97	+12 55 57.1		691
1991 VT9		1991 11 04.25093	03 01 21.51	+12 55 51.7	17.7 V	691
1991 VT9		1991 11 04.27335	03 01 20.08	+12 55 46.6		691
1991 VT9		1991 11 05.31716	03 00 15.09	+12 51 45.7	17.7 V	691
1991 VT9		1991 11 05.33417	03 00 13.95	+12 51 41.5		691
1991 VT9		1991 11 05.35492	03 00 12.61	+12 51 36.9		691
1991 VT9		1991 11 08.25292	02 57 10.75	+12 40 31.9	17.9 V	691
1991 VT9		1991 11 08.26588	02 57 09.88	+12 40 28.6		691
1991 VT9		1991 11 08.27841	02 57 09.08	+12 40 25.9		691
1991 VT9		1991 11 08.29146	02 57 08.19	+12 40 23.0		691
1991 VT9		1991 11 08.30423	02 57 07.34	+12 40 20.2	17.4 V	691
1991 VT9		1991 11 08.31728	02 57 06.49	+12 40 17.4		691
1991 VU9	*	1991 11 04.41595	03 02 56.00	+13 09 13.9		691
1991 VU9		1991 11 04.43286	03 02 54.99	+13 09 11.5	19.5 V	691
1991 VU9		1991 11 04.44933	03 02 54.15	+13 09 08.9		691
1991 VU9		1991 11 05.31842	03 02 04.92	+13 07 01.9	19.2 V	691
1991 VU9		1991 11 05.33544	03 02 03.87	+13 06 59.3		691
1991 VU9		1991 11 05.35619	03 02 02.61	+13 06 56.4		691
1991 VU9		1991 11 07.18694	03 00 18.62	+13 02 32.6	18.8 V	691
1991 VU9		1991 11 07.19749	03 00 17.98	+13 02 31.3		691
1991 VU9		1991 11 07.20889	03 00 17.25	+13 02 29.5		691
1991 VU9		1991 11 07.34151	03 00 09.15	+13 02 12.0		691
1991 VU9		1991 11 07.35205	03 00 08.43	+13 02 09.9	18.8 V	691
1991 VU9		1991 11 07.36283	03 00 07.77	+13 02 08.6		691
1991 VU9		1991 11 08.25437	02 59 17.18	+13 00 05.2	18.7 V	691
1991 VU9		1991 11 08.26734	02 59 16.36	+13 00 03.0		691
1991 VU9		1991 11 08.27987	02 59 15.56	+13 00 01.5		691
1991 VU9		1991 11 08.29293	02 59 14.81	+12 59 59.6	18.7 V	691
1991 VU9		1991 11 08.30569	02 59 14.05	+12 59 57.8		691
1991 VU9		1991 11 08.31874	02 59 13.25	+12 59 56.1		691
1991 VV9	*	1991 11 04.41611	03 03 23.84	+13 13 09.0		691
1991 VV9		1991 11 04.43302	03 03 22.74	+13 13 05.1	20.1 V	691
1991 VV9		1991 11 04.44949	03 03 21.86	+13 13 01.3		691
1991 VV9		1991 11 05.31869	03 02 27.91	+13 09 33.7		691
1991 VV9		1991 11 05.33570	03 02 26.77	+13 09 29.9	19.9 V	691
1991 VV9		1991 11 05.35645	03 02 25.47	+13 09 24.8		691
1991 VV9		1991 11 07.34165	03 00 21.83	+13 01 32.8	19.7 V	691
1991 VV9		1991 11 07.35220	03 00 21.19	+13 01 30.4		691
1991 VV9		1991 11 07.36297	03 00 20.38	+13 01 28.4		691
1991 VV9		1991 11 08.29302	02 59 22.76	+12 57 49.2	19.8 V	691
1991 VV9		1991 11 08.30579	02 59 21.94	+12 57 46.5		691
1991 VV9		1991 11 08.31883	02 59 21.09	+12 57 43.2		691

1991 VW9	*	1991 11 04.41628	03 03 52.08	+12 44 18.1	19.3 V	691
1991 VW9		1991 11 04.43318	03 03 50.83	+12 44 24.7		691
1991 VW9		1991 11 04.44965	03 03 49.78	+12 44 30.7		691
1991 VW9		1991 11 07.18713	03 00 35.33	+13 01 25.9	19.5 V	691
1991 VW9		1991 11 07.19768	03 00 34.58	+13 01 30.2		691
1991 VW9		1991 11 07.20908	03 00 33.68	+13 01 34.2		691
1991 VW9		1991 11 07.34168	03 00 23.73	+13 02 24.0	19.7 V	691
1991 VW9		1991 11 07.35222	03 00 22.98	+13 02 27.9		691
1991 VW9		1991 11 07.36299	03 00 22.17	+13 02 31.8		691
1991 VX9	*	1991 11 04.41654	03 04 15.10	+13 10 40.5		691
1991 VX9		1991 11 04.43343	03 04 13.97	+13 10 37.6		691
1991 VX9		1991 11 04.44990	03 04 13.23	+13 10 32.9	19.9 V	691
1991 VX9		1991 11 07.18801	03 01 51.07	+12 57 41.3		691
1991 VX9		1991 11 07.19856	03 01 50.52	+12 57 38.5	20.2 V	691
1991 VX9		1991 11 07.20996	03 01 49.91	+12 57 35.9		691
1991 VX9		1991 11 07.34259	03 01 42.64	+12 56 58.5		691
1991 VX9		1991 11 07.35314	03 01 42.03	+12 56 55.9	20.1 V	691
1991 VX9		1991 11 07.36391	03 01 41.48	+12 56 52.4		691
1991 VY9	*	1991 11 04.41658	03 04 18.41	+13 05 41.6	19.1 V	691
1991 VY9		1991 11 04.43347	03 04 17.33	+13 05 41.7		691
1991 VY9		1991 11 04.44994	03 04 16.37	+13 05 40.7		691
1991 VY9		1991 11 07.34226	03 01 14.71	+13 04 28.5		691
1991 VY9		1991 11 07.35281	03 01 14.02	+13 04 28.0	19.1 V	691
1991 VY9		1991 11 07.36358	03 01 13.28	+13 04 27.2		691
1991 VY9		1991 11 08.25506	03 00 17.01	+13 04 08.1		691
1991 VY9		1991 11 08.26803	03 00 16.18	+13 04 07.4	18.9 V	691
1991 VY9		1991 11 08.28056	03 00 15.29	+13 04 07.0		691
1991 VY9		1991 11 08.29361	03 00 14.50	+13 04 06.8		691
1991 VY9		1991 11 08.30638	03 00 13.68	+13 04 06.3	18.8 V	691
1991 VY9		1991 11 08.31943	03 00 12.80	+13 04 06.0		691
1991 VZ9	*	1991 11 04.41665	03 04 25.09	+13 09 14.6		691
1991 VZ9		1991 11 04.43355	03 04 24.03	+13 09 14.7	19.6 V	691
1991 VZ9		1991 11 04.45002	03 04 23.06	+13 09 15.9		691
1991 VZ9		1991 11 07.34229	03 01 17.38	+13 12 19.5	19.5 V	691
1991 VZ9		1991 11 07.35284	03 01 16.63	+13 12 19.7		691
1991 VZ9		1991 11 07.36361	03 01 15.91	+13 12 20.7		691
1991 VA10	*	1991 11 04.41703	03 04 57.83	+13 18 19.3		691
1991 VA10		1991 11 04.43393	03 04 56.93	+13 18 13.4	19.6 V	691
1991 VA10		1991 11 04.45040	03 04 56.14	+13 18 07.3		691
1991 VA10		1991 11 07.18851	03 02 34.84	+13 02 21.4		691
1991 VA10		1991 11 07.19906	03 02 34.33	+13 02 17.9		691
1991 VA10		1991 11 07.21047	03 02 33.65	+13 02 13.5	19.4 V	691
1991 VA10		1991 11 07.34309	03 02 26.45	+13 01 29.0		691
1991 VA10		1991 11 07.35364	03 02 25.89	+13 01 24.8		691
1991 VA10		1991 11 07.36441	03 02 25.27	+13 01 21.5	19.7 V	691
1991 VB10	*	1991 11 04.41747	03 05 35.26	+12 46 34.2	20.0 V	691
1991 VB10		1991 11 04.43436	03 05 34.20	+12 46 31.0		691
1991 VB10		1991 11 04.45083	03 05 33.13	+12 46 28.6		691
1991 VB10		1991 11 09.22427	03 00 36.00	+12 31 05.5	19.9 V	691
1991 VB10		1991 11 09.23322	03 00 35.43	+12 31 03.8		691
1991 VB10		1991 11 09.26651	03 00 33.30	+12 30 58.3		691
1991 VC10	*	1991 11 04.41806	03 06 26.92	+12 52 58.1	20.4 V	691
1991 VC10		1991 11 04.43495	03 06 25.84	+12 52 53.6		691
1991 VC10		1991 11 04.45142	03 06 24.75	+12 52 48.4		691
1991 VC10		1991 11 09.22479	03 01 21.00	+12 29 51.2	19.7 V	691
1991 VC10		1991 11 09.23374	03 01 20.53	+12 29 48.2		691
1991 VC10		1991 11 09.26703	03 01 18.30	+12 29 39.2		691
1991 VD10	*	1991 11 04.46831	03 04 57.37	+13 37 44.6	19.1 V	691
1991 VD10		1991 11 04.48719	03 04 56.26	+13 37 37.6		691

1991 VD10		1991 11 04.50590	03 04 55.15	+13 37 31.8		691
1991 VD10		1991 11 06.33022	03 03 09.25	+13 27 33.7		691
1991 VD10		1991 11 06.34103	03 03 08.57	+13 27 28.7		691
1991 VD10		1991 11 06.35870	03 03 07.46	+13 27 23.7	19.1 V	691
1991 VD10		1991 11 07.34290	03 02 09.90	+13 22 01.1		691
1991 VD10		1991 11 07.35345	03 02 09.27	+13 21 57.1	19.4 V	691
1991 VD10		1991 11 07.36422	03 02 08.64	+13 21 53.5		691
1991 VE10	*	1991 11 04.46915	03 06 09.90	+13 31 32.2		691
1991 VE10		1991 11 04.48803	03 06 08.58	+13 31 28.8	19.1 V	691
1991 VE10		1991 11 04.50673	03 06 07.30	+13 31 25.5		691
1991 VE10		1991 11 07.18886	03 03 05.25	+13 23 59.6	18.8 V	691
1991 VE10		1991 11 07.19941	03 03 04.57	+13 23 58.5		691
1991 VE10		1991 11 07.21081	03 03 03.71	+13 23 55.9		691
1991 VE10		1991 11 07.34341	03 02 54.48	+13 23 35.9		691
1991 VE10		1991 11 07.35396	03 02 53.65	+13 23 33.1		691
1991 VE10		1991 11 07.36473	03 02 52.91	+13 23 31.2	18.8 V	691
1991 VF10	*	1991 11 05.30712	02 45 45.80	+13 12 25.2	20.1 V	691
1991 VF10		1991 11 05.32414	02 45 44.99	+13 12 19.2		691
1991 VF10		1991 11 05.34489	02 45 43.98	+13 12 10.9		691
1991 VF10		1991 11 06.28770	02 44 59.70	+13 06 24.8	19.8 V	691
1991 VF10		1991 11 06.29819	02 44 59.21	+13 06 20.2		691
1991 VF10		1991 11 06.31013	02 44 58.65	+13 06 15.4		691
1991 VG10	*	1991 11 05.30791	02 46 54.20	+13 14 14.8	20.3 V	691
1991 VG10		1991 11 05.32492	02 46 53.14	+13 14 09.4		691
1991 VG10		1991 11 05.34567	02 46 51.77	+13 14 03.3		691
1991 VG10		1991 11 06.28832	02 45 53.61	+13 09 17.6	20.5 V	691
1991 VG10		1991 11 06.29881	02 45 52.96	+13 09 14.9		691
1991 VG10		1991 11 06.31074	02 45 52.16	+13 09 11.9		691
1991 VH10	*	1991 11 05.30802	02 47 04.01	+13 00 19.1		691
1991 VH10		1991 11 05.32504	02 47 03.01	+13 00 14.3	18.6 V	691
1991 VH10		1991 11 05.34579	02 47 01.78	+13 00 08.5		691
1991 VH10		1991 11 06.28849	02 46 08.37	+12 55 45.1	18.3 V	691
1991 VH10		1991 11 06.29898	02 46 07.74	+12 55 42.4		691
1991 VH10		1991 11 06.31092	02 46 07.07	+12 55 39.5		691
1991 VJ10	*	1991 11 05.30837	02 47 33.74	+13 15 03.4		691
1991 VJ10		1991 11 05.32538	02 47 32.72	+13 14 55.4		691
1991 VJ10		1991 11 05.34613	02 47 31.37	+13 14 45.6	20.3 V	691
1991 VJ10		1991 11 06.28877	02 46 32.31	+13 06 57.6		691
1991 VJ10		1991 11 06.29926	02 46 31.65	+13 06 52.5		691
1991 VJ10		1991 11 06.31119	02 46 30.88	+13 06 47.0	19.6 V	691
1991 VK10	*	1991 11 05.30903	02 48 31.61	+13 16 55.0		691
1991 VK10		1991 11 05.32605	02 48 30.48	+13 16 50.2	20.3 V	691
1991 VK10		1991 11 05.34680	02 48 29.17	+13 16 43.6		691
1991 VK10		1991 11 06.28947	02 47 32.97	+13 11 26.7		691
1991 VK10		1991 11 06.29996	02 47 32.34	+13 11 23.0	20.4 V	691
1991 VK10		1991 11 06.31189	02 47 31.59	+13 11 20.4		691
1991 VL10	*	1991 11 05.30981	02 49 38.74	+13 17 12.8		691
1991 VL10		1991 11 05.32682	02 49 37.85	+13 17 08.9	17.9 V	691
1991 VL10		1991 11 05.34758	02 49 36.76	+13 17 03.5		691
1991 VL10		1991 11 06.29034	02 48 48.52	+13 13 03.1		691
1991 VL10		1991 11 06.30083	02 48 47.98	+13 13 00.4	17.6 V	691
1991 VL10		1991 11 06.31277	02 48 47.35	+13 12 57.3		691
1991 VL10		1991 11 08.24602	02 47 08.55	+13 04 47.5	17.9 V	691
1991 VL10		1991 11 08.25900	02 47 07.89	+13 04 44.0		691
1991 VL10		1991 11 08.27153	02 47 07.19	+13 04 40.8		691
1991 VM10	*	1991 11 05.30983	02 49 40.41	+12 56 34.3		691
1991 VM10		1991 11 05.32685	02 49 39.62	+12 56 18.3		691
1991 VM10		1991 11 05.34760	02 49 38.67	+12 55 59.5	20.5 V	691
1991 VM10		1991 11 08.32829	02 47 34.47	+12 11 25.7		691

1991 VM10		1991 11 08.35350	02 47 33.32	+12 11 03.2	20.4 V	691
1991 VM10		1991 11 08.37010	02 47 32.56	+12 10 48.3		691
1991 VN10	*	1991 11 05.31029	02 50 20.62	+12 54 54.8		691
1991 VN10		1991 11 05.32731	02 50 19.72	+12 54 50.7	21.4 V	691
1991 VN10		1991 11 05.34806	02 50 18.65	+12 54 45.8		691
1991 VN10		1991 11 08.24644	02 47 49.42	+12 42 20.0		691
1991 VN10		1991 11 08.25941	02 47 48.78	+12 42 16.6	20.9 V	691
1991 VN10		1991 11 08.27193	02 47 48.05	+12 42 13.9		691
1991 VN10		1991 11 08.28499	02 47 47.37	+12 42 10.4		691
1991 VN10		1991 11 08.29776	02 47 46.67	+12 42 07.5	20.7 V	691
1991 VN10		1991 11 08.31080	02 47 45.97	+12 42 03.4		691
1991 VO10	*	1991 11 05.31157	02 52 11.35	+13 13 50.6		691
1991 VO10		1991 11 05.32859	02 52 10.47	+13 13 47.4	20.4 V	691
1991 VO10		1991 11 05.34934	02 52 09.38	+13 13 43.1		691
1991 VO10		1991 11 06.29210	02 51 20.98	+13 10 41.1	20.3 V	691
1991 VO10		1991 11 06.30259	02 51 20.45	+13 10 39.4		691
1991 VO10		1991 11 06.31453	02 51 19.84	+13 10 37.2		691
1991 VO10		1991 11 08.24772	02 49 40.67	+13 04 29.9	20.2 V	691
1991 VO10		1991 11 08.26069	02 49 39.97	+13 04 27.1		691
1991 VO10		1991 11 08.27322	02 49 39.30	+13 04 24.9		691
1991 VP10	*	1991 11 05.31228	02 53 12.88	+13 15 49.8	19.3 V	691
1991 VP10		1991 11 05.32929	02 53 11.78	+13 15 46.1		691
1991 VP10		1991 11 05.35004	02 53 10.48	+13 15 41.2		691
1991 VP10		1991 11 07.18105	02 51 16.80	+13 08 59.3		691
1991 VP10		1991 11 07.19161	02 51 16.09	+13 08 57.1	19.3 V	691
1991 VP10		1991 11 07.20302	02 51 15.38	+13 08 54.5		691
1991 VP10		1991 11 08.24806	02 50 10.01	+13 05 07.3		691
1991 VP10		1991 11 08.26103	02 50 09.19	+13 05 03.4		691
1991 VP10		1991 11 08.27355	02 50 08.41	+13 05 01.3	19.0 V	691
1991 VP10		1991 11 08.28661	02 50 07.55	+13 04 58.8		691
1991 VP10		1991 11 08.29938	02 50 06.79	+13 04 56.0		691
1991 VP10		1991 11 08.31242	02 50 05.94	+13 04 52.7	19.1 V	691
1991 VQ10	*	1991 11 05.31283	02 54 00.86	+13 22 55.3	18.6 V	691
1991 VQ10		1991 11 05.32985	02 53 59.88	+13 22 51.2		691
1991 VQ10		1991 11 05.35060	02 53 58.68	+13 22 46.0		691
1991 VQ10		1991 11 07.33601	02 52 05.87	+13 14 37.8	18.6 V	691
1991 VQ10		1991 11 07.34656	02 52 05.26	+13 14 35.6		691
1991 VQ10		1991 11 07.35733	02 52 04.61	+13 14 32.7		691
1991 VR10	*	1991 11 05.31354	02 55 01.93	+13 11 25.3	20.7 V	691
1991 VR10		1991 11 05.33055	02 55 00.98	+13 11 23.1		691
1991 VR10		1991 11 05.35131	02 54 59.80	+13 11 19.8		691
1991 VR10		1991 11 07.18209	02 53 18.64	+13 07 05.7	20.7 V	691
1991 VR10		1991 11 07.19265	02 53 18.02	+13 07 03.9		691
1991 VR10		1991 11 07.20405	02 53 17.36	+13 07 02.4		691
1991 VR10		1991 11 07.33667	02 53 09.76	+13 06 44.7		691
1991 VR10		1991 11 07.34721	02 53 09.11	+13 06 41.1		691
1991 VR10		1991 11 07.35799	02 53 08.53	+13 06 41.2	20.5 V	691
1991 VS10	*	1991 11 05.31403	02 55 44.50	+13 11 49.4	19.2 V	691
1991 VS10		1991 11 05.33105	02 55 43.65	+13 11 46.4		691
1991 VS10		1991 11 05.35180	02 55 42.57	+13 11 42.3		691
1991 VS10		1991 11 07.33728	02 54 03.38	+13 05 24.4	19.3 V	691
1991 VS10		1991 11 07.34783	02 54 02.78	+13 05 22.8		691
1991 VS10		1991 11 07.35861	02 54 02.24	+13 05 20.8		691
1991 VS10		1991 11 08.25022	02 53 17.68	+13 02 33.0	18.8 V	691
1991 VS10		1991 11 08.26320	02 53 17.01	+13 02 29.9		691
1991 VS10		1991 11 08.27572	02 53 16.42	+13 02 27.7		691
1991 VS10		1991 11 08.28878	02 53 15.70	+13 02 25.2	18.8 V	691
1991 VS10		1991 11 08.30155	02 53 15.11	+13 02 22.7		691
1991 VS10		1991 11 08.31460	02 53 14.42	+13 02 20.2		691

1991 VT10	*	1991 11 05.31455	02 56 29.33	+12 57 47.6	19.9 V	691
1991 VT10		1991 11 05.33156	02 56 28.17	+12 57 45.7		691
1991 VT10		1991 11 05.35231	02 56 26.76	+12 57 43.2		691
1991 VT10		1991 11 08.25019	02 53 14.69	+12 51 34.7		691
1991 VT10		1991 11 08.26316	02 53 13.81	+12 51 32.6	19.6 V	691
1991 VT10		1991 11 08.27568	02 53 12.98	+12 51 31.0		691
1991 VT10		1991 11 08.28874	02 53 12.05	+12 51 29.5	19.4 V	691
1991 VT10		1991 11 08.30151	02 53 11.24	+12 51 28.0		691
1991 VT10		1991 11 08.31455	02 53 10.32	+12 51 26.5		691
1991 VU10	*	1991 11 05.31499	02 57 07.50	+12 58 49.1		691
1991 VU10		1991 11 05.33200	02 57 06.52	+12 58 47.1	21.0 V	691
1991 VU10		1991 11 05.35276	02 57 05.37	+12 58 45.5		691
1991 VU10		1991 11 08.28966	02 54 32.27	+12 53 52.5		691
1991 VU10		1991 11 08.30243	02 54 31.55	+12 53 51.6	20.3 V	691
1991 VU10		1991 11 08.31548	02 54 30.90	+12 53 50.1		691
1991 VV10	*	1991 11 05.31500	02 57 08.48	+12 58 36.5	17.7 V	691
1991 VV10		1991 11 05.33201	02 57 07.40	+12 58 38.5		691
1991 VV10		1991 11 05.35276	02 57 06.08	+12 58 40.9		691
1991 VV10		1991 11 08.25085	02 54 11.52	+13 03 43.4	17.5 V	691
1991 VV10		1991 11 08.26382	02 54 10.72	+13 03 44.3		691
1991 VV10		1991 11 08.27634	02 54 09.97	+13 03 45.6		691
1991 VV10		1991 11 08.28940	02 54 09.12	+13 03 47.1	17.4 V	691
1991 VV10		1991 11 08.30217	02 54 08.33	+13 03 48.3		691
1991 VV10		1991 11 08.31521	02 54 07.51	+13 03 49.6		691
1991 VW10	*	1991 11 05.31530	02 57 34.14	+13 16 07.9		691
1991 VW10		1991 11 05.33231	02 57 33.24	+13 16 04.6	20.4 V	691
1991 VW10		1991 11 05.35307	02 57 32.13	+13 16 00.9		691
1991 VW10		1991 11 07.18393	02 55 57.84	+13 10 22.7	20.2 V	691
1991 VW10		1991 11 07.19448	02 55 57.27	+13 10 20.9		691
1991 VW10		1991 11 07.20588	02 55 56.65	+13 10 18.2		691
1991 VW10		1991 11 07.33851	02 55 49.56	+13 09 53.9		691
1991 VW10		1991 11 07.34906	02 55 49.01	+13 09 52.3		691
1991 VW10		1991 11 07.35983	02 55 48.43	+13 09 50.1	20.5 V	691
1991 VX10	*	1991 11 05.31643	02 59 12.56	+13 03 57.3		691
1991 VX10		1991 11 05.33345	02 59 11.48	+13 03 56.8	20.3 V	691
1991 VX10		1991 11 05.35420	02 59 10.14	+13 03 57.4		691
1991 VX10		1991 11 07.18488	02 57 19.98	+13 04 08.6		691
1991 VX10		1991 11 07.19543	02 57 19.28	+13 04 08.5	19.9 V	691
1991 VX10		1991 11 07.20683	02 57 18.58	+13 04 08.3		691
1991 VX10		1991 11 07.33944	02 57 09.98	+13 04 11.0		691
1991 VX10		1991 11 07.34999	02 57 09.32	+13 04 10.6	20.2 V	691
1991 VX10		1991 11 07.36076	02 57 08.63	+13 04 10.7		691
1991 VX10		1991 11 08.29082	02 56 12.28	+13 04 19.1		691
1991 VX10		1991 11 08.30359	02 56 11.41	+13 04 20.2	20.4 V	691
1991 VX10		1991 11 08.31663	02 56 10.62	+13 04 20.7		691
1991 VY10	*	1991 11 05.31678	02 59 42.25	+12 52 10.8		691
1991 VY10		1991 11 05.33379	02 59 41.24	+12 52 03.8	20.4 V	691
1991 VY10		1991 11 05.35454	02 59 40.08	+12 51 55.2		691
1991 VY10		1991 11 08.25285	02 57 04.67	+12 31 42.6	20.7 V	691
1991 VY10		1991 11 08.26582	02 57 03.97	+12 31 37.7		691
1991 VY10		1991 11 08.27834	02 57 03.29	+12 31 31.8		691
1991 VY10		1991 11 08.33482	02 57 00.04	+12 31 07.6		691
1991 VY10		1991 11 08.36003	02 56 58.66	+12 30 57.3	20.2 V	691
1991 VY10		1991 11 08.37663	02 56 57.79	+12 30 50.1		691
1991 VY10		1991 11 09.22123	02 56 12.84	+12 25 01.2		691
1991 VY10		1991 11 09.23018	02 56 12.34	+12 24 57.3	20.4 V	691
1991 VY10		1991 11 09.26348	02 56 10.51	+12 24 43.9		691
1991 VZ10	*	1991 11 05.31743	03 00 38.92	+12 53 21.6		691
1991 VZ10		1991 11 05.33444	03 00 37.79	+12 53 19.4	19.3 V	691

1991 VZ10		1991 11 05.35519	03 00 36.49	+12 53 16.8		691
1991 VZ10		1991 11 08.25327	02 57 41.54	+12 47 37.2		691
1991 VZ10		1991 11 08.26624	02 57 40.73	+12 47 35.2	19.2 V	691
1991 VZ10		1991 11 08.27876	02 57 39.94	+12 47 33.9		691
1991 VZ10		1991 11 08.29182	02 57 39.14	+12 47 32.5		691
1991 VZ10		1991 11 08.30459	02 57 38.21	+12 47 29.9		691
1991 VZ10		1991 11 08.31763	02 57 37.62	+12 47 30.0	18.7 V	691
1991 VA11	*	1991 11 05.31823	03 01 48.29	+13 06 24.0		691
1991 VA11		1991 11 05.33525	03 01 47.35	+13 06 19.1	20.4 V	691
1991 VA11		1991 11 05.35600	03 01 46.22	+13 06 13.1		691
1991 VA11		1991 11 07.18686	03 00 11.21	+12 57 08.8	20.2 V	691
1991 VA11		1991 11 07.19740	03 00 10.59	+12 57 05.1		691
1991 VA11		1991 11 07.20881	03 00 10.03	+12 57 01.7		691
1991 VA11		1991 11 07.34143	03 00 02.73	+12 56 22.8	20.2 V	691
1991 VA11		1991 11 07.35198	03 00 02.14	+12 56 19.5		691
1991 VA11		1991 11 07.36275	03 00 01.54	+12 56 16.7		691
1991 VA11		1991 11 08.25435	02 59 15.11	+12 51 52.8		691
1991 VA11		1991 11 08.26732	02 59 14.40	+12 51 48.3		691
1991 VA11		1991 11 08.27985	02 59 13.67	+12 51 44.8	20.1 V	691
1991 VA11		1991 11 08.29291	02 59 13.01	+12 51 41.1		691
1991 VA11		1991 11 08.30568	02 59 12.36	+12 51 37.5	20.2 V	691
1991 VA11		1991 11 08.31872	02 59 11.61	+12 51 33.5		691
1991 VB11	*	1991 11 05.31866	03 02 25.05	+12 55 38.7	21.2 V	691
1991 VB11		1991 11 05.33567	03 02 23.99	+12 55 32.2		691
1991 VB11		1991 11 05.35642	03 02 22.80	+12 55 25.4		691
1991 VB11		1991 11 08.25459	02 59 36.12	+12 39 09.3		691
1991 VB11		1991 11 08.26756	02 59 35.36	+12 39 05.3		691
1991 VB11		1991 11 08.28009	02 59 34.56	+12 39 01.0	21.1 V	691
1991 VC11	*	1991 11 05.36822	02 38 39.01	+11 58 55.7		691
1991 VC11		1991 11 05.37894	02 38 38.41	+11 58 53.2	19.9 V	691
1991 VC11		1991 11 05.38984	02 38 37.74	+11 58 51.5		691
1991 VC11		1991 11 08.38417	02 36 03.51	+11 48 38.6		691
1991 VC11		1991 11 08.40468	02 36 02.44	+11 48 34.6	20.3 V	691
1991 VC11		1991 11 08.42529	02 36 01.35	+11 48 30.6		691
1991 VD11	*	1991 11 06.29294	02 52 33.89	+12 42 47.4		691
1991 VD11		1991 11 06.30343	02 52 33.34	+12 42 45.2	20.7 V	691
1991 VD11		1991 11 06.31537	02 52 32.68	+12 42 43.0		691
1991 VD11		1991 11 08.24857	02 50 54.12	+12 37 39.9		691
1991 VD11		1991 11 08.26154	02 50 53.43	+12 37 38.9	20.7 V	691
1991 VD11		1991 11 08.27407	02 50 52.79	+12 37 36.5		691
1991 VE11	*	1991 11 06.32286	02 52 31.70	+13 25 26.8	19.1 V	691
1991 VE11		1991 11 06.33367	02 52 31.01	+13 25 23.8		691
1991 VE11		1991 11 06.35134	02 52 29.91	+13 25 19.5		691
1991 VE11		1991 11 07.18119	02 51 40.09	+13 21 57.9	19.0 V	691
1991 VE11		1991 11 07.19174	02 51 39.40	+13 21 55.0		691
1991 VE11		1991 11 07.20315	02 51 38.70	+13 21 52.3		691
1991 VF11	*	1991 11 06.32301	02 52 45.35	+13 25 19.3	21.0 V	691
1991 VF11		1991 11 06.33383	02 52 44.73	+13 25 17.3		691
1991 VF11		1991 11 06.35150	02 52 43.72	+13 25 14.1		691
1991 VF11		1991 11 07.18130	02 51 58.99	+13 22 22.2		691
1991 VF11		1991 11 07.19185	02 51 58.39	+13 22 20.5	21.1 V	691
1991 VF11		1991 11 07.20326	02 51 57.75	+13 22 17.3		691
1991 VF11		1991 11 07.33592	02 51 50.32	+13 21 51.2		691
1991 VF11		1991 11 07.34647	02 51 49.75	+13 21 49.1	20.8 V	691
1991 VF11		1991 11 07.35724	02 51 49.14	+13 21 46.8		691
1991 VG11	*	1991 11 06.32389	02 54 01.06	+13 28 04.1	20.4 V	691
1991 VG11		1991 11 06.33470	02 54 00.40	+13 28 03.5		691
1991 VG11		1991 11 06.35237	02 53 59.39	+13 28 02.1		691
1991 VG11		1991 11 07.33660	02 53 04.34	+13 26 48.4	20.1 V	691

1991 VG11		1991 11 07.34715	02 53 03.75	+13 26 47.5		691
1991 VG11		1991 11 07.35792	02 53 03.15	+13 26 46.4		691
1991 VH11	*	1991 11 06.32417	02 54 25.94	+13 36 45.8		691
1991 VH11		1991 11 06.33499	02 54 25.35	+13 36 37.9	20.3 V	691
1991 VH11		1991 11 06.35266	02 54 24.42	+13 36 24.6		691
1991 VH11		1991 11 07.18238	02 53 43.19	+13 26 00.7	20.1 V	691
1991 VH11		1991 11 07.19293	02 53 42.65	+13 25 52.8		691
1991 VH11		1991 11 07.20433	02 53 42.04	+13 25 44.4		691
1991 VJ11	*	1991 11 06.32482	02 55 21.68	+13 25 43.7	19.4 V	691
1991 VJ11		1991 11 06.33563	02 55 20.91	+13 25 41.0		691
1991 VJ11		1991 11 06.35330	02 55 19.68	+13 25 39.1		691
1991 VJ11		1991 11 07.18285	02 54 24.25	+13 23 41.7	19.0 V	691
1991 VJ11		1991 11 07.19340	02 54 23.52	+13 23 40.3		691
1991 VJ11		1991 11 07.20480	02 54 22.72	+13 23 38.8		691
1991 VJ11		1991 11 07.33740	02 54 13.53	+13 23 20.0	19.0 V	691
1991 VJ11		1991 11 07.34795	02 54 12.78	+13 23 18.9		691
1991 VJ11		1991 11 07.35872	02 54 12.06	+13 23 17.0		691
1991 VK11	*	1991 11 06.32631	02 57 30.75	+13 23 11.7		691
1991 VK11		1991 11 06.33712	02 57 30.06	+13 23 08.0	20.9 V	691
1991 VK11		1991 11 06.35479	02 57 28.88	+13 23 04.7		691
1991 VK11		1991 11 07.18436	02 56 35.38	+13 18 26.6	20.2 V	691
1991 VK11		1991 11 07.19491	02 56 34.70	+13 18 25.0		691
1991 VK11		1991 11 07.20631	02 56 33.92	+13 18 19.9		691
1991 VK11		1991 11 07.33892	02 56 25.01	+13 17 35.0		691
1991 VK11		1991 11 07.34947	02 56 24.29	+13 17 33.0		691
1991 VK11		1991 11 07.36024	02 56 23.62	+13 17 28.1	20.4 V	691
1991 VL11	*	1991 11 06.32719	02 58 46.86	+13 31 04.4	19.1 V	691
1991 VL11		1991 11 06.33800	02 58 46.14	+13 30 59.3		691
1991 VL11		1991 11 06.35567	02 58 45.03	+13 30 51.5		691
1991 VL11		1991 11 07.33984	02 57 44.99	+13 23 20.0	19.0 V	691
1991 VL11		1991 11 07.35039	02 57 44.33	+13 23 15.2		691
1991 VL11		1991 11 07.36116	02 57 43.65	+13 23 10.6		691
1991 VM11	*	1991 11 06.32808	03 00 03.90	+13 26 52.2		691
1991 VM11		1991 11 06.33889	03 00 03.30	+13 26 52.0	18.0 V	691
1991 VM11		1991 11 06.35656	03 00 02.29	+13 26 52.5		691
1991 VM11		1991 11 07.18623	02 59 17.17	+13 27 07.7		691
1991 VM11		1991 11 07.19678	02 59 16.67	+13 27 08.1	17.6 V	691
1991 VM11		1991 11 07.20818	02 59 15.92	+13 27 10.3		691
1991 VM11		1991 11 07.34081	02 59 08.53	+13 27 10.2	18.0 V	691
1991 VM11		1991 11 07.35136	02 59 07.93	+13 27 10.8		691
1991 VM11		1991 11 07.36213	02 59 07.33	+13 27 10.6		691
1991 VN11	*	1991 11 06.32831	03 00 24.32	+13 32 59.1	20.0 V	691
1991 VN11		1991 11 06.33913	03 00 23.67	+13 32 55.8		691
1991 VN11		1991 11 06.35679	03 00 22.55	+13 32 50.6		691
1991 VN11		1991 11 07.18641	02 59 32.53	+13 28 51.7		691
1991 VN11		1991 11 07.19696	02 59 31.93	+13 28 48.9	19.9 V	691
1991 VN11		1991 11 07.20836	02 59 31.19	+13 28 45.1		691
1991 VN11		1991 11 07.34097	02 59 23.03	+13 28 07.0		691
1991 VN11		1991 11 07.35152	02 59 22.37	+13 28 04.8	19.9 V	691
1991 VN11		1991 11 07.36229	02 59 21.68	+13 28 01.0		691
1991 VO11	*	1991 11 06.33028	03 03 14.62	+13 35 12.1		691
1991 VO11		1991 11 06.34109	03 03 13.83	+13 35 09.2		691
1991 VO11		1991 11 06.35876	03 03 12.66	+13 35 04.0	20.7 V	691
1991 VO11		1991 11 07.34290	03 02 09.60	+13 30 33.9	20.6 V	691
1991 VO11		1991 11 07.35344	03 02 08.91	+13 30 30.4		691
1991 VO11		1991 11 07.36422	03 02 08.23	+13 30 28.4		691
1991 VP11	*	1991 11 07.33991	02 57 50.74	+13 05 50.5		691
1991 VP11		1991 11 07.35046	02 57 50.14	+13 05 43.4		691
1991 VP11		1991 11 07.36123	02 57 49.57	+13 05 36.9	19.8 V	691

1991 VP11		1991 11 08.25285	02 57 04.97	+12 56 23.5		691
1991 VP11		1991 11 08.26582	02 57 04.27	+12 56 15.2	19.6 V	691
1991 VP11		1991 11 08.27835	02 57 03.66	+12 56 07.6		691
1991 VP11		1991 11 08.29140	02 57 02.93	+12 55 59.5	19.4 V	691
1991 VP11		1991 11 08.30417	02 57 02.21	+12 55 51.6		691
1991 VP11		1991 11 08.31722	02 57 01.52	+12 55 43.5		691
1991 VQ11	*	1991 11 08.29065	02 55 57.65	+12 32 40.4		691
1991 VQ11		1991 11 08.30342	02 55 56.70	+12 32 39.6		691
1991 VQ11		1991 11 08.31646	02 55 55.77	+12 32 38.4	20.6 V	691
1991 VQ11		1991 11 09.22032	02 54 53.27	+12 31 08.9	20.7 V	691
1991 VQ11		1991 11 09.22926	02 54 52.58	+12 31 09.1		691
1991 VQ11		1991 11 09.26255	02 54 50.25	+12 31 05.4		691
1991 VR11	*	1991 11 08.33300	02 54 22.13	+12 06 03.9	17.2 V	691
1991 VR11		1991 11 08.35820	02 54 20.71	+12 05 58.0		691
1991 VR11		1991 11 08.37481	02 54 19.78	+12 05 54.1		691
1991 VR11		1991 11 09.37879	02 53 25.15	+12 01 59.5		691
1991 VR11		1991 11 09.38720	02 53 24.68	+12 01 57.5	17.5 V	691
1991 VR11		1991 11 09.39593	02 53 24.18	+12 01 55.7		691
1991 VS11	*	1991 11 08.33325	02 54 44.20	+12 01 20.7	20.2 V	691
1991 VS11		1991 11 08.35846	02 54 42.73	+12 01 15.3		691
1991 VS11		1991 11 08.37506	02 54 41.75	+12 01 11.1		691
1991 VS11		1991 11 09.37891	02 53 45.68	+11 57 06.2	20.5 V	691
1991 VS11		1991 11 09.38731	02 53 45.20	+11 57 03.9		691
1991 VS11		1991 11 09.39605	02 53 44.68	+11 57 02.3		691
1991 VT11	*	1991 11 08.33338	02 54 55.18	+12 11 44.3	19.9 V	691
1991 VT11		1991 11 08.35858	02 54 53.43	+12 11 42.6		691
1991 VT11		1991 11 08.37518	02 54 52.33	+12 11 40.0		691
1991 VT11		1991 11 09.37891	02 53 46.66	+12 10 30.3		691
1991 VT11		1991 11 09.38732	02 53 46.10	+12 10 29.4	20.4 V	691
1991 VT11		1991 11 09.39606	02 53 45.50	+12 10 28.9		691
1991 VU11	*	1991 11 08.33490	02 57 06.93	+12 26 34.7	19.6 V	691
1991 VU11		1991 11 08.36011	02 57 05.64	+12 26 29.8		691
1991 VU11		1991 11 08.37671	02 57 04.76	+12 26 26.6		691
1991 VU11		1991 11 09.38045	02 56 14.71	+12 23 12.6		691
1991 VU11		1991 11 09.38887	02 56 14.22	+12 23 09.9		691
1991 VU11		1991 11 09.39761	02 56 13.85	+12 23 09.3	19.8 V	691
1991 VV11	*	1991 11 08.33495	02 57 11.33	+12 02 42.5		691
1991 VV11		1991 11 08.36016	02 57 09.94	+12 02 36.9	19.6 V	691
1991 VV11		1991 11 08.37676	02 57 09.04	+12 02 32.5		691
1991 VV11		1991 11 08.39849	02 57 07.86	+12 02 26.6	19.3 V	691
1991 VV11		1991 11 08.41900	02 57 06.80	+12 02 21.9		691
1991 VV11		1991 11 08.43961	02 57 05.68	+12 02 16.9		691
1991 VV11		1991 11 09.38046	02 56 15.63	+11 58 34.1		691
1991 VV11		1991 11 09.38888	02 56 14.97	+11 58 32.0	19.6 V	691
1991 VV11		1991 11 09.39761	02 56 14.54	+11 58 29.7		691
1991 VW11	*	1991 11 08.33504	02 57 19.63	+12 17 36.1	19.9 V	691
1991 VW11		1991 11 08.36025	02 57 18.01	+12 17 28.9		691
1991 VW11		1991 11 08.37685	02 57 16.89	+12 17 23.8		691
1991 VW11		1991 11 09.22136	02 56 23.61	+12 13 13.9	20.0 V	691
1991 VW11		1991 11 09.23030	02 56 23.00	+12 13 11.5		691
1991 VW11		1991 11 09.26360	02 56 20.83	+12 13 01.7		691
1991 VW11		1991 11 09.38043	02 56 13.13	+12 12 26.7		691
1991 VW11		1991 11 09.38885	02 56 12.60	+12 12 24.3	20.2 V	691
1991 VW11		1991 11 09.39758	02 56 12.05	+12 12 21.7		691
1991 VX11	*	1991 11 08.33534	02 57 45.22	+12 15 47.0	20.0 V	691
1991 VX11		1991 11 08.36055	02 57 44.01	+12 15 37.6		691
1991 VX11		1991 11 08.37715	02 57 43.22	+12 15 31.2		691
1991 VX11		1991 11 09.22183	02 57 04.29	+12 10 11.2	20.3 V	691
1991 VX11		1991 11 09.23077	02 57 03.83	+12 10 08.6		691

1991 VX11		1991 11 09.26407	02 57 02.25	+12 09 55.7		691
1991 VX11		1991 11 09.38094	02 56 56.65	+12 09 11.4		691
1991 VX11		1991 11 09.38935	02 56 56.22	+12 09 08.6	20.3 V	691
1991 VX11		1991 11 09.39809	02 56 55.74	+12 09 05.8		691
1991 VY11	*	1991 11 08.33535	02 57 46.43	+12 02 37.5		691
1991 VY11		1991 11 08.36056	02 57 44.86	+12 02 41.3	20.2 V	691
1991 VY11		1991 11 08.37716	02 57 43.72	+12 02 43.7		691
1991 VY11		1991 11 09.22168	02 56 50.96	+12 04 56.9	20.5 V	691
1991 VY11		1991 11 09.23062	02 56 50.45	+12 04 59.0		691
1991 VY11		1991 11 09.26391	02 56 48.22	+12 05 03.2		691
1991 VY11		1991 11 09.38075	02 56 40.67	+12 05 21.8	20.5 V	691
1991 VY11		1991 11 09.38917	02 56 40.17	+12 05 23.6		691
1991 VY11		1991 11 09.39790	02 56 39.59	+12 05 24.7		691
1991 VZ11	*	1991 11 08.33567	02 58 13.86	+12 00 34.1		691
1991 VZ11		1991 11 08.36088	02 58 12.24	+12 00 26.0	19.7 V	691
1991 VZ11		1991 11 08.37748	02 58 11.29	+12 00 20.9		691
1991 VZ11		1991 11 08.39921	02 58 09.94	+12 00 14.3	19.7 V	691
1991 VZ11		1991 11 08.41971	02 58 08.76	+12 00 08.4		691
1991 VZ11		1991 11 08.44032	02 58 07.49	+12 00 02.6		691
1991 VZ11		1991 11 09.38111	02 57 11.88	+11 55 37.6		691
1991 VZ11		1991 11 09.38953	02 57 11.34	+11 55 35.4	20.2 V	691
1991 VZ11		1991 11 09.39826	02 57 10.77	+11 55 32.7		691
1991 VA12	*	1991 11 08.33661	02 59 34.89	+12 23 14.2	18.8 V	691
1991 VA12		1991 11 08.36181	02 59 32.96	+12 23 20.7		691
1991 VA12		1991 11 08.37841	02 59 31.77	+12 23 25.2		691
1991 VA12		1991 11 09.22282	02 58 29.92	+12 27 08.8	19.1 V	691
1991 VA12		1991 11 09.23176	02 58 29.22	+12 27 11.3		691
1991 VA12		1991 11 09.26505	02 58 26.68	+12 27 20.3		691
1991 VA12		1991 11 09.38187	02 58 17.79	+12 27 51.1		691
1991 VA12		1991 11 09.39029	02 58 17.13	+12 27 53.3	19.0 V	691
1991 VA12		1991 11 09.39902	02 58 16.44	+12 27 54.4		691
1991 VB12	*	1991 11 08.33678	02 59 49.91	+12 16 15.6	20.4 V	691
1991 VB12		1991 11 08.36199	02 59 48.38	+12 16 13.0		691
1991 VB12		1991 11 08.37859	02 59 47.31	+12 16 10.4		691
1991 VB12		1991 11 09.22315	02 58 58.90	+12 14 34.5		691
1991 VB12		1991 11 09.23210	02 58 58.33	+12 14 33.5	20.5 V	691
1991 VB12		1991 11 09.26539	02 58 56.33	+12 14 30.6		691
1991 VC12	*	1991 11 08.33686	02 59 56.97	+12 29 31.9	20.3 V	691
1991 VC12		1991 11 08.36207	02 59 55.66	+12 29 26.7		691
1991 VC12		1991 11 08.37867	02 59 54.81	+12 29 22.3		691
1991 VC12		1991 11 09.22330	02 59 11.64	+12 26 02.7		691
1991 VC12		1991 11 09.23224	02 59 11.17	+12 26 01.8		691
1991 VC12		1991 11 09.26554	02 59 09.37	+12 25 54.5	20.8 V	691
1991 VD12	*	1991 11 08.33737	03 00 40.82	+12 16 03.4	18.0 V	691
1991 VD12		1991 11 08.36257	03 00 39.28	+12 16 03.1		691
1991 VD12		1991 11 08.37917	03 00 38.26	+12 16 02.5		691
1991 VD12		1991 11 09.22373	02 59 48.81	+12 15 47.0		691
1991 VD12		1991 11 09.23267	02 59 48.27	+12 15 47.0	18.3 V	691
1991 VD12		1991 11 09.26597	02 59 46.22	+12 15 46.8		691
1991 VD12		1991 11 09.38281	02 59 39.09	+12 15 44.8	18.2 V	691
1991 VD12		1991 11 09.39123	02 59 38.56	+12 15 44.3		691
1991 VD12		1991 11 09.39996	02 59 37.84	+12 15 43.4		691
1991 VE12	*	1991 11 08.40041	02 59 53.66	+11 54 26.5	20.2 V	691
1991 VE12		1991 11 08.42091	02 59 52.21	+11 54 26.9		691
1991 VE12		1991 11 08.44151	02 59 50.81	+11 54 28.1		691
1991 VE12		1991 11 09.38223	02 58 48.29	+11 55 13.5	20.5 V	691
1991 VE12		1991 11 09.39064	02 58 47.67	+11 55 14.1		691
1991 VE12		1991 11 09.39937	02 58 47.04	+11 55 14.5		691
1991 VF12	*	1991 11 08.47718	03 23 46.26	+18 27 22.1		691

1991 VF12		1991 11 08.49489	03 23 45.39	+18 27 22.7	18.7 V	691
1991 VF12		1991 11 08.51213	03 23 44.54	+18 27 23.5		691
1991 VF12		1991 11 12.31196	03 20 39.41	+18 29 25.7		691
1991 VF12		1991 11 12.33345	03 20 38.35	+18 29 26.4	18.3 V	691
1991 VF12		1991 11 12.35513	03 20 37.24	+18 29 27.1		691
1991 VG12	*	1991 11 08.47729	03 23 56.16	+18 36 17.1	18.8 V	691
1991 VG12		1991 11 08.49500	03 23 55.15	+18 36 08.2		691
1991 VG12		1991 11 08.51224	03 23 54.18	+18 35 59.7		691
1991 VG12		1991 11 12.31180	03 20 26.16	+18 05 07.2	18.4 V	691
1991 VG12		1991 11 12.33329	03 20 24.90	+18 04 56.7		691
1991 VG12		1991 11 12.35497	03 20 23.61	+18 04 46.3		691
1991 VH12	*	1991 11 08.47999	03 27 50.48	+18 16 30.3		691
1991 VH12		1991 11 08.49770	03 27 49.24	+18 16 28.6	19.5 V	691
1991 VH12		1991 11 08.51494	03 27 48.04	+18 16 26.7		691
1991 VH12		1991 11 12.31386	03 23 24.20	+18 10 30.4	19.4 V	691
1991 VH12		1991 11 12.33535	03 23 22.67	+18 10 28.2		691
1991 VH12		1991 11 12.35702	03 23 21.07	+18 10 25.6		691
1991 VJ12	*	1991 11 08.48046	03 28 30.43	+18 29 34.2	19.5 V	691
1991 VJ12		1991 11 08.49816	03 28 29.35	+18 29 31.8		691
1991 VJ12		1991 11 08.51541	03 28 28.27	+18 29 28.9		691
1991 VJ12		1991 11 12.31476	03 24 42.17	+18 21 25.6	19.1 V	691
1991 VJ12		1991 11 12.33625	03 24 40.81	+18 21 22.5		691
1991 VJ12		1991 11 12.35793	03 24 39.49	+18 21 19.8		691
1991 VK12	*	1991 11 08.48148	03 29 59.22	+18 22 21.9		691
1991 VK12		1991 11 08.49919	03 29 58.25	+18 22 20.7	18.5 V	691
1991 VK12		1991 11 08.51643	03 29 57.25	+18 22 19.1		691
1991 VK12		1991 11 12.31596	03 26 26.48	+18 17 17.6	18.0 V	691
1991 VK12		1991 11 12.33745	03 26 25.24	+18 17 15.7		691
1991 VK12		1991 11 12.35913	03 26 23.99	+18 17 13.7		691
1991 VL12	*	1991 11 08.48426	03 33 59.89	+18 15 58.7	19.3 V	691
1991 VL12		1991 11 08.50197	03 33 58.68	+18 15 56.4		691
1991 VL12		1991 11 08.51921	03 33 57.53	+18 15 54.1		691
1991 VL12		1991 11 12.31825	03 29 44.52	+18 07 08.4	19.0 V	691
1991 VL12		1991 11 12.33974	03 29 42.98	+18 07 04.6		691
1991 VL12		1991 11 12.36141	03 29 41.48	+18 07 01.9		691
1991 VM12	*	1991 11 08.48447	03 34 18.32	+18 36 17.1	17.3 V	691
1991 VM12		1991 11 08.50218	03 34 17.39	+18 36 14.4		691
1991 VM12		1991 11 08.51942	03 34 16.42	+18 36 11.6		691
1991 VM12		1991 11 12.31911	03 30 58.83	+18 26 39.2		691
1991 VM12		1991 11 12.34060	03 30 57.65	+18 26 36.4	17.0 V	691
1991 VM12		1991 11 12.36228	03 30 56.52	+18 26 32.6		691
1991 VN12	*	1991 11 08.48519	03 35 20.73	+18 07 37.3	18.4 V	691
1991 VN12		1991 11 08.50290	03 35 19.53	+18 07 37.2		691
1991 VN12		1991 11 08.52014	03 35 18.39	+18 07 36.9		691
1991 VN12		1991 11 12.31915	03 31 02.48	+18 06 50.2	18.7 V	691
1991 VN12		1991 11 12.34064	03 31 00.91	+18 06 50.4		691
1991 VN12		1991 11 12.36231	03 30 59.34	+18 06 49.3		691
1991 VO12	*	1991 11 08.48529	03 35 28.99	+18 15 48.6	19.5 V	691
1991 VO12		1991 11 08.50300	03 35 27.84	+18 15 45.0		691
1991 VO12		1991 11 08.52024	03 35 26.79	+18 15 40.9		691
1991 VO12		1991 11 12.31938	03 31 22.47	+18 02 36.5		691
1991 VO12		1991 11 12.34087	03 31 21.01	+18 02 32.0		691
1991 VO12		1991 11 12.36254	03 31 19.54	+18 02 27.0	19.2 V	691
1991 WF	*	1991 11 29.29316	03 18 30.63	+15 25 55.9	19.4 V	691
1991 WF		1991 11 29.31518	03 18 29.43	+15 25 52.0		691
1991 WF		1991 11 29.33613	03 18 28.36	+15 25 46.9		691
1991 WF		1991 12 03.09266	03 15 27.39	+15 14 03.5		691
1991 WF		1991 12 03.11325	03 15 26.37	+15 13 59.4		691
1991 WF		1991 12 03.13436	03 15 25.33	+15 13 56.0	19.2 V	691

1991 WG	*	1991 11 29.29507	03 21 16.31	+15 30 06.3		691
1991 WG		1991 11 29.31709	03 21 15.04	+15 29 56.1		691
1991 WG		1991 11 29.33804	03 21 13.98	+15 29 46.9	19.6 V	691
1991 WG		1991 12 03.09448	03 18 04.35	+15 02 27.2		691
1991 WG		1991 12 03.11506	03 18 03.31	+15 02 18.3	19.4 V	691
1991 WG		1991 12 03.13617	03 18 02.24	+15 02 09.2		691
1991 XK		1991 12 07.34051	04 07 03.48	+19 40 26.2		691
1991 XK		1991 12 07.36359	04 07 01.94	+19 40 18.7	17.7 V	691
1991 XK		1991 12 07.38523	04 07 00.50	+19 40 11.7		691
1991 XM		1991 12 07.34361	04 11 31.91	+19 25 16.9		691
1991 XM		1991 12 07.36669	04 11 30.62	+19 25 07.1	17.4 V	691
1991 XM		1991 12 07.38834	04 11 29.41	+19 24 57.9		691
1991 XS		1991 12 08.13634	03 34 59.17	+17 38 06.9		691
1991 XS		1991 12 08.15770	03 34 58.23	+17 37 59.8	17.6 V	691
1991 XS		1991 12 08.18449	03 34 57.01	+17 37 50.7		691
1991 XR1		1991 12 08.23166	04 27 03.51	+23 43 57.6	16.8 V	691
1991 XR1		1991 12 08.25386	04 27 02.23	+23 43 55.6		691
1991 XR1		1991 12 08.27621	04 27 00.92	+23 43 53.6		691
1991 XY1	*	1991 12 02.40802	08 14 31.89	+19 56 25.8		691
1991 XY1		1991 12 02.43000	08 14 31.78	+19 56 31.2	19.8 V	691
1991 XY1		1991 12 02.45183	08 14 31.68	+19 56 36.4		691
1991 XY1		1991 12 14.46945	08 11 48.66	+20 53 55.1		691
1991 XY1		1991 12 14.49150	08 11 47.99	+20 54 02.0		691
1991 XY1		1991 12 14.51324	08 11 47.46	+20 54 09.1	19.2 V	691
1991 XZ1	*	1991 12 03.21154	03 09 13.35	+26 45 21.3		691
1991 XZ1		1991 12 03.23031	03 09 12.39	+26 45 12.3	20.9 V	691
1991 XZ1		1991 12 03.24851	03 09 11.54	+26 45 06.2		691
1991 XZ1		1991 12 13.29610	03 02 54.18	+25 32 50.7		691
1991 XZ1		1991 12 13.31047	03 02 53.63	+25 32 43.7	20.9 V	691
1991 XZ1		1991 12 13.32511	03 02 53.21	+25 32 36.9		691
1991 XA2	*	1991 12 03.40876	04 12 28.90	+13 41 38.0	19.2 V	691
1991 XA2		1991 12 03.42973	04 12 27.63	+13 41 34.7		691
1991 XA2		1991 12 03.45043	04 12 26.30	+13 41 28.3		691
1991 XA2		1991 12 13.34167	04 02 46.19	+13 13 25.8		691
1991 XA2		1991 12 13.34893	04 02 45.85	+13 13 24.9		691
1991 XA2		1991 12 13.35601	04 02 45.45	+13 13 23.4	19.8 V	691
1991 XB2	*	1991 12 07.23923	04 44 05.36	+19 35 17.0	18.6 V	691
1991 XB2		1991 12 07.27278	04 44 02.83	+19 35 19.9		691
1991 XB2		1991 12 07.29459	04 44 01.19	+19 35 21.6		691
1991 XB2		1991 12 14.31211	04 35 47.28	+19 45 15.4		691
1991 XB2		1991 12 14.33375	04 35 45.79	+19 45 17.2		691
1991 XB2		1991 12 14.35553	04 35 44.26	+19 45 19.1	18.5 V	691
1991 XC2	*	1991 12 07.34152	04 08 30.71	+19 52 51.2	19.3 V	691
1991 XC2		1991 12 07.36459	04 08 29.29	+19 52 58.4		691
1991 XC2		1991 12 07.38624	04 08 27.99	+19 53 04.7		691
1991 XC2		1991 12 14.15413	04 02 00.38	+20 27 35.3		691
1991 XC2		1991 12 14.17839	04 01 59.04	+20 27 42.5	20.0 V	691
1991 XC2		1991 12 14.20170	04 01 57.71	+20 27 50.4		691
1991 YC		1992 01 01.23307	07 53 03.19	+20 32 05.2	16.5 V	691
1991 YC		1992 01 01.25474	07 53 02.14	+20 32 21.9		691
1991 YF		1991 12 27.29465	07 36 12.92	+24 46 08.7	16.6 V	691
1991 YF		1991 12 27.31699	07 36 11.48	+24 46 05.5		691
1991 YF		1991 12 27.33947	07 36 10.01	+24 46 02.6		691
1991 YQ1	*	1991 12 27.44835	07 49 33.76	+23 15 42.3		691
1991 YQ1		1991 12 27.47076	07 49 32.45	+23 15 40.6	18.9 V	691
1991 YQ1		1991 12 27.49320	07 49 31.17	+23 15 38.7		691
1991 YQ1		1992 01 01.29044	07 44 51.94	+23 09 16.9	18.4 V	691
1991 YQ1		1992 01 01.30518	07 44 50.96	+23 09 16.5		691
1991 YQ1		1992 01 01.31946	07 44 50.05	+23 09 15.5		691

1991 YR1	*	1991 12	28.31677	07 47	25.92	+22	28	11.2		691
1991 YR1		1991 12	28.34059	07 47	24.54	+22	28	17.5		691
1991 YR1		1991 12	28.36293	07 47	23.22	+22	28	23.8	18.9 V	691
1991 YR1		1992 01	01.28957	07 43	35.98	+22	45	53.3	19.0 V	691
1991 YR1		1992 01	01.30431	07 43	35.05	+22	45	57.4		691
1991 YR1		1992 01	01.31858	07 43	34.12	+22	46	01.1		691
1991 YS1	*	1991 12	28.31692	07 47	39.06	+22	36	54.3		691
1991 YS1		1991 12	28.34075	07 47	37.97	+22	36	58.9		691
1991 YS1		1991 12	28.36309	07 47	36.92	+22	37	03.4	19.9 V	691
1991 YS1		1992 01	01.29023	07 44	33.44	+22	49	23.7	19.9 V	691
1991 YS1		1992 01	01.30497	07 44	32.73	+22	49	27.1		691
1991 YS1		1992 01	01.31925	07 44	32.00	+22	49	29.2		691
1991 YT1	*	1991 12	28.31961	07 51	32.54	+22	38	14.1		691
1991 YT1		1991 12	28.34344	07 51	31.18	+22	38	19.2	20.5 V	691
1991 YT1		1991 12	28.36578	07 51	29.99	+22	38	24.5		691
1991 YT1		1992 01	01.29253	07 47	52.77	+22	52	51.5		691
1991 YT1		1992 01	01.30727	07 47	51.95	+22	52	55.0	20.5 V	691
1991 YT1		1992 01	01.32155	07 47	51.10	+22	52	57.8		691
1991 YU1	*	1991 12	28.32180	07 54	41.60	+22	33	51.4		691
1991 YU1		1991 12	28.34562	07 54	40.12	+22	33	54.6		691
1991 YU1		1991 12	28.36796	07 54	38.82	+22	33	56.5	19.8 V	691
1991 YU1		1992 01	01.29447	07 50	40.69	+22	41	37.2	19.6 V	691
1991 YU1		1992 01	01.30921	07 50	39.76	+22	41	39.1		691
1991 YU1		1992 01	01.32349	07 50	38.82	+22	41	41.2		691
1991 YV1	*	1991 12	28.32214	07 55	10.83	+22	36	12.4	19.9 V	691
1991 YV1		1991 12	28.34596	07 55	09.57	+22	36	18.6		691
1991 YV1		1991 12	28.36830	07 55	08.39	+22	36	24.1		691
1991 YV1		1992 01	01.29517	07 51	41.05	+22	52	21.2	19.7 V	691
1991 YV1		1992 01	01.30991	07 51	40.18	+22	52	24.5		691
1991 YV1		1992 01	01.32419	07 51	39.36	+22	52	28.7		691
1992 AM		1991 12	27.36718	07 17	45.82	+23	13	57.0	17.0 V	691
1992 AM		1991 12	27.38995	07 17	44.00	+23	14	28.4		691
1992 AM		1991 12	27.41217	07 17	42.34	+23	14	56.2		691
1992 AQ		1991 12	31.40769	07 41	49.30	+21	24	37.0	17.6 V	691
1992 AQ		1991 12	31.42974	07 41	48.02	+21	25	12.9	17.6 V	691
1992 AQ		1991 12	31.45174	07 41	46.73	+21	25	48.1	17.6 V	691
1992 AK1		1991 12	14.47050	08 13	19.45	+20	33	45.7		691
1992 AK1		1991 12	14.49255	08 13	18.83	+20	33	48.6	17.6 V	691
1992 AK1		1991 12	14.51429	08 13	18.24	+20	33	52.1		691
1992 AM1		1992 01	27.29807	09 54	27.50	+17	24	39.6		691
1992 AM1		1992 01	27.32298	09 54	26.33	+17	24	49.5	17.7 V	691
1992 AM1		1992 01	27.34808	09 54	25.15	+17	24	59.5		691
1992 AT1		1992 01	02.36480	08 24	36.40	+18	50	45.4	18.4 V	691
1992 AT1		1992 01	02.38609	08 24	35.24	+18	50	52.1		691
1992 AT1		1992 01	02.40725	08 24	34.06	+18	50	59.4		691
1992 AT1		1992 01	31.15383	07 54	43.38	+21	33	02.5	17.6 V	691
1992 AT1		1992 01	31.17926	07 54	41.75	+21	33	11.0		691
1992 AT1		1992 01	31.20517	07 54	40.14	+21	33	17.9		691
1992 AY1	*	1992 01	02.20570	07 34	27.00	+19	31	09.3	18.8 V	691
1992 AY1		1992 01	02.22690	07 34	25.71	+19	31	12.9		691
1992 AY1		1992 01	02.24883	07 34	24.30	+19	31	16.8		691
1992 AY1		1992 01	09.17105	07 27	14.94	+19	50	18.3		691
1992 AY1		1992 01	09.19277	07 27	13.49	+19	50	22.2	18.1 V	691
1992 AZ1	*	1992 01	02.20629	07 35	18.51	+19	34	05.6	19.4 V	691
1992 AZ1		1992 01	02.22749	07 35	17.20	+19	34	11.3		691
1992 AZ1		1992 01	02.24942	07 35	15.66	+19	34	16.1		691
1992 AZ1		1992 01	09.17131	07 27	37.22	+20	02	04.8	19.2 V	691
1992 AZ1		1992 01	09.19303	07 27	35.73	+20	02	10.7		691
1992 AA2	*	1992 01	02.20699	07 36	18.76	+19	31	19.5	20.8 V	691

1992 AA2		1992 01 02.22819	07 36 17.46	+19 31 23.6		691
1992 AA2		1992 01 02.25012	07 36 16.12	+19 31 26.7		691
1992 AA2		1992 01 09.17237	07 29 08.73	+19 49 50.3		691
1992 AA2		1992 01 09.19409	07 29 07.30	+19 49 54.5	19.9 V	691
1992 AB2	*	1992 01 02.20777	07 37 25.83	+19 13 12.3		691
1992 AB2		1992 01 02.22896	07 37 24.53	+19 13 17.5	20.0 V	691
1992 AB2		1992 01 02.25089	07 37 23.18	+19 13 22.7		691
1992 AB2		1992 01 09.17311	07 30 12.70	+19 39 46.5	19.3 V	691
1992 AB2		1992 01 09.19483	07 30 11.28	+19 39 50.3		691
1992 AC2	*	1992 01 02.20971	07 40 14.15	+19 31 37.1	18.4 V	691
1992 AC2		1992 01 02.23090	07 40 12.63	+19 31 37.0		691
1992 AC2		1992 01 02.25283	07 40 11.03	+19 31 37.5		691
1992 AC2		1992 01 09.24999	07 31 42.57	+19 31 30.6	17.5 V	691
1992 AC2		1992 01 09.27174	07 31 40.91	+19 31 30.7		691
1992 AD2	*	1992 01 02.21943	07 54 16.32	+19 27 28.4		691
1992 AD2		1992 01 02.24063	07 54 14.90	+19 27 22.5	19.7 V	691
1992 AD2		1992 01 02.26256	07 54 13.48	+19 27 16.4		691
1992 AD2		1992 01 10.21172	07 45 20.64	+18 50 01.7		691
1992 AD2		1992 01 10.23440	07 45 19.06	+18 49 55.2	19.3 V	691
1992 AD2		1992 01 10.25688	07 45 17.44	+18 49 49.6		691
1992 AE2	*	1992 01 02.27512	07 40 38.61	+18 27 37.2		691
1992 AE2		1992 01 02.31074	07 40 36.29	+18 27 36.2		691
1992 AE2		1992 01 02.33237	07 40 34.85	+18 27 35.1	19.5 V	691
1992 AE2		1992 01 10.20241	07 31 53.80	+18 23 57.9		691
1992 AE2		1992 01 10.22509	07 31 52.20	+18 23 57.5	19.6 V	691
1992 AE2		1992 01 10.24757	07 31 50.66	+18 23 56.6		691
1992 AF2	*	1992 01 02.27828	07 45 12.54	+18 46 14.0		691
1992 AF2		1992 01 02.31391	07 45 10.76	+18 46 26.4	19.4 V	691
1992 AF2		1992 01 02.33554	07 45 09.67	+18 46 34.2		691
1992 AF2		1992 01 09.25530	07 39 22.87	+19 27 17.5	19.2 V	691
1992 AF2		1992 01 09.27707	07 39 21.74	+19 27 24.7		691
1992 AG2	*	1992 01 02.28177	07 50 14.32	+18 51 29.1		691
1992 AG2		1992 01 02.31739	07 50 12.67	+18 51 38.7		691
1992 AG2		1992 01 02.33903	07 50 11.66	+18 51 44.2	19.9 V	691
1992 AG2		1992 01 09.25891	07 44 35.76	+19 23 03.9	19.7 V	691
1992 AG2		1992 01 09.28068	07 44 34.62	+19 23 09.6		691
1992 AH2	*	1992 01 02.28205	07 50 38.80	+18 29 52.4		691
1992 AH2		1992 01 02.31767	07 50 36.44	+18 29 58.3	20.0 V	691
1992 AH2		1992 01 02.33930	07 50 34.98	+18 30 01.7		691
1992 AH2		1992 01 10.20927	07 41 48.36	+18 51 57.3		691
1992 AH2		1992 01 10.23195	07 41 46.72	+18 52 01.2		691
1992 AH2		1992 01 10.25443	07 41 45.16	+18 52 05.1	19.9 V	691
1992 AJ2	*	1992 01 02.28401	07 53 29.09	+18 37 48.2	19.8 V	691
1992 AJ2		1992 01 02.31964	07 53 26.96	+18 37 54.6		691
1992 AJ2		1992 01 02.34127	07 53 25.70	+18 37 58.9		691
1992 AJ2		1992 01 09.26026	07 46 32.59	+19 00 47.5	19.4 V	691
1992 AJ2		1992 01 09.28202	07 46 31.10	+19 00 52.0		691
1992 AK2	*	1992 01 02.28624	07 56 41.96	+18 28 38.9		691
1992 AK2		1992 01 02.32187	07 56 40.10	+18 28 55.8		691
1992 AK2		1992 01 02.34350	07 56 38.98	+18 29 06.2	19.7 V	691
1992 AK2		1992 01 09.29530	07 50 35.75	+19 24 52.5		691
1992 AK2		1992 01 09.31704	07 50 34.51	+19 25 04.2	19.1 V	691
1992 AK2		1992 01 09.33859	07 50 33.30	+19 25 15.0		691
1992 AL2	*	1992 01 02.35151	08 05 25.17	+18 26 09.4	19.9 V	691
1992 AL2		1992 01 02.37280	08 05 24.11	+18 26 16.7		691
1992 AL2		1992 01 02.39396	08 05 22.99	+18 26 23.0		691
1992 AL2		1992 01 09.30090	07 59 20.62	+19 05 29.5	18.5 V	691
1992 AL2		1992 01 09.32264	07 59 19.35	+19 05 37.4		691
1992 AL2		1992 01 09.34417	07 59 18.12	+19 05 44.9		691

1992 AM2	*	1992 01 02.35408	08 09 07.86	+18 43 13.8		691
1992 AM2		1992 01 02.37537	08 09 06.72	+18 43 22.5	19.3 V	691
1992 AM2		1992 01 02.39653	08 09 05.57	+18 43 30.9		691
1992 AM2		1992 01 09.30315	08 02 35.12	+19 32 06.6		691
1992 AM2		1992 01 09.32488	08 02 33.74	+19 32 16.2		691
1992 AM2		1992 01 09.34641	08 02 32.39	+19 32 25.6		691
1992 AN2	*	1992 01 02.35434	08 09 30.10	+18 28 37.3		691
1992 AN2		1992 01 02.37562	08 09 29.05	+18 28 42.2	20.0 V	691
1992 AN2		1992 01 02.39679	08 09 27.93	+18 28 47.9		691
1992 AN2		1992 01 09.30371	08 03 23.75	+19 00 38.8		691
1992 AN2		1992 01 09.32545	08 03 22.52	+19 00 45.4	18.7 V	691
1992 AN2		1992 01 09.34697	08 03 21.24	+19 00 50.7		691
1992 AO2	*	1992 01 02.36061	08 18 33.44	+18 27 38.7		691
1992 AO2		1992 01 02.38190	08 18 32.41	+18 27 47.2		691
1992 AO2		1992 01 02.40306	08 18 31.38	+18 27 55.5	18.3 V	691
1992 AO2		1992 01 09.31013	08 12 40.06	+19 16 31.9		691
1992 AO2		1992 01 09.33187	08 12 38.81	+19 16 41.4	17.5 V	691
1992 AO2		1992 01 09.35340	08 12 37.54	+19 16 51.4		691
1992 AP2	*	1992 01 02.36335	08 22 30.51	+18 26 31.7		691
1992 AP2		1992 01 02.38463	08 22 29.33	+18 26 37.8		691
1992 AP2		1992 01 02.40579	08 22 28.18	+18 26 43.5	20.0 V	691
1992 AP2		1992 01 09.31242	08 15 58.45	+19 01 00.7	18.5 V	691
1992 AP2		1992 01 09.33416	08 15 57.08	+19 01 07.3		691
1992 AP2		1992 01 09.35569	08 15 55.73	+19 01 13.8		691
1992 AQ2	*	1992 01 02.42507	08 19 00.21	+19 28 22.7	19.5 V	691
1992 AQ2		1992 01 02.44632	08 18 58.97	+19 28 27.1		691
1992 AQ2		1992 01 02.46759	08 18 57.74	+19 28 31.7		691
1992 AQ2		1992 01 09.37616	08 11 56.46	+19 55 22.6	19.2 V	691
1992 AQ2		1992 01 09.40128	08 11 54.81	+19 55 28.7		691
1992 AQ2		1992 01 09.42494	08 11 53.20	+19 55 34.4		691
1992 AQ2		1992 01 10.26837	08 10 58.63	+19 58 57.4	19.1 V	691
1992 AQ2		1992 01 10.28173	08 10 57.77	+19 59 00.6		691
1992 AQ2		1992 01 10.28952	08 10 57.24	+19 59 02.5		691
1992 AR2	*	1992 01 02.42864	08 24 09.24	+19 22 31.3	20.6 V	691
1992 AR2		1992 01 02.44989	08 24 08.08	+19 22 37.6		691
1992 AR2		1992 01 02.47116	08 24 06.86	+19 22 41.7		691
1992 AR2		1992 01 09.38001	08 17 29.67	+19 54 32.3		691
1992 AR2		1992 01 09.40513	08 17 28.04	+19 54 39.2	19.7 V	691
1992 AR2		1992 01 09.42878	08 17 26.51	+19 54 46.9		691
1992 AR2		1992 01 13.29021	08 13 22.77	+20 13 14.3		691
1992 AR2		1992 01 13.30527	08 13 21.74	+20 13 19.4	19.5 V	691
1992 AR2		1992 01 13.31526	08 13 21.08	+20 13 22.0		691
1992 AS2	*	1992 01 02.42977	08 25 47.58	+19 13 05.7		691
1992 AS2		1992 01 02.45102	08 25 46.55	+19 13 10.4	20.2 V	691
1992 AS2		1992 01 02.47230	08 25 45.53	+19 13 15.5		691
1992 AS2		1992 01 13.29214	08 16 09.58	+20 00 02.4		691
1992 AS2		1992 01 13.30720	08 16 08.66	+20 00 06.6		691
1992 AS2		1992 01 13.31719	08 16 08.01	+20 00 09.6	19.0 V	691
1992 AS2		1992 01 31.15536	07 57 33.19	+21 20 32.2		691
1992 AS2		1992 01 31.18078	07 57 31.59	+21 20 38.8		691
1992 AS2		1992 01 31.20668	07 57 29.93	+21 20 44.8	18.5 V	691
1992 AT2		1992 01 02.42452	08 18 12.44	+19 27 15.5		691
1992 AT2		1992 01 02.46704	08 18 10.19	+19 27 22.3		691
1992 AT2	*	1992 01 09.37607	08 11 48.57	+19 40 04.6		691
1992 AT2		1992 01 09.40119	08 11 47.16	+19 40 05.9		691
1992 AT2		1992 01 09.42485	08 11 45.68	+19 40 08.8	18.9 V	691
1992 AT2		1992 01 10.26835	08 10 56.54	+19 41 45.6		691
1992 AT2		1992 01 10.28171	08 10 55.93	+19 41 46.5		691
1992 AT2		1992 01 10.28950	08 10 55.35	+19 41 48.5	19.0 V	691

1992 AT2		1992 02 01.10892	07 48 43.31	+20 21 18.7		691
1992 AT2		1992 02 01.13388	07 48 41.85	+20 21 21.3		691
1992 AT2		1992 02 01.15527	07 48 40.58	+20 21 23.3	19.0 V	691
1992 AU2	*	1992 01 09.37675	08 12 47.78	+20 00 56.2		691
1992 AU2		1992 01 09.40187	08 12 46.22	+20 01 02.4	19.3 V	691
1992 AU2		1992 01 09.42553	08 12 44.72	+20 01 08.5		691
1992 AU2		1992 01 10.26901	08 11 53.84	+20 04 43.9		691
1992 AU2		1992 01 10.28237	08 11 52.96	+20 04 47.0		691
1992 AU2		1992 01 10.29015	08 11 52.42	+20 04 49.4	19.5 V	691
1992 AU2		1992 01 13.28708	08 08 44.20	+20 17 49.2	19.4 V	691
1992 AU2		1992 01 13.30215	08 08 43.20	+20 17 53.3		691
1992 AU2		1992 01 13.31214	08 08 42.52	+20 17 55.1		691
1992 AV2	*	1992 01 09.37777	08 14 16.21	+20 11 56.3	19.0 V	691
1992 AV2		1992 01 09.40289	08 14 14.63	+20 12 00.1		691
1992 AV2		1992 01 09.42655	08 14 13.18	+20 12 03.8		691
1992 AV2		1992 01 10.27003	08 13 22.40	+20 14 17.6	19.1 V	691
1992 AV2		1992 01 10.28339	08 13 21.57	+20 14 19.8		691
1992 AV2		1992 01 10.29118	08 13 21.05	+20 14 20.7		691
1992 AV2		1992 01 13.28804	08 10 15.39	+20 22 18.4	18.7 V	691
1992 AV2		1992 01 13.30311	08 10 14.41	+20 22 21.7		691
1992 AV2		1992 01 13.31310	08 10 13.75	+20 22 22.6		691
1992 BM		1992 01 30.44096	09 15 47.14	+22 47 31.8		691
1992 BM		1992 01 30.46698	09 15 45.20	+22 47 34.7	17.3 V	691
1992 BM		1992 01 30.49310	09 15 43.29	+22 47 37.5		691
1992 BN		1992 02 09.41070	09 36 59.86	+19 40 44.9		691
1992 BN		1992 02 09.43693	09 36 58.57	+19 40 55.2	17.2 V	691
1992 BN		1992 02 09.46720	09 36 57.08	+19 41 07.2		691
1992 BC1		1992 01 28.17542	08 14 48.41	+10 59 24.6	16.8 V	691
1992 BC1		1992 01 28.19966	08 14 46.91	+10 59 57.5		691
1992 BC1		1992 01 28.22378	08 14 45.42	+11 00 30.1		691
1992 BC1		1992 01 28.40570	08 14 34.12	+11 04 34.7	17.0 V	691
1992 BC1		1992 01 28.41716	08 14 33.43	+11 04 49.5		691
1992 BC1		1992 01 28.42786	08 14 32.76	+11 05 03.9		691
1992 BS2		1992 01 26.23340	08 07 47.88	+11 04 00.4		691
1992 BS2		1992 01 26.25770	08 07 46.49	+11 04 02.1	18.3 V	691
1992 BS2		1992 01 26.29324	08 07 44.43	+11 04 03.9		691
1992 BS2		1992 01 28.16952	08 06 00.96	+11 05 52.8		691
1992 BS2		1992 01 28.19376	08 05 59.59	+11 05 55.2	17.9 V	691
1992 BS2		1992 01 28.21789	08 05 58.22	+11 05 56.9		691
1992 BS2		1992 01 28.39970	08 05 47.88	+11 06 08.5		691
1992 BS2		1992 01 28.41116	08 05 47.24	+11 06 09.3	18.0 V	691
1992 BS2		1992 01 28.42186	08 05 46.64	+11 06 10.0		691
1992 BT2		1992 01 28.40020	08 06 38.02	+10 40 13.3		691
1992 BT2		1992 01 28.41166	08 06 37.36	+10 40 20.2	16.4 V	691
1992 BT2		1992 01 28.42236	08 06 36.79	+10 40 26.9		691
1992 BY2	*	1992 01 26.13939	08 11 46.14	+20 48 48.3		691
1992 BY2		1992 01 26.17150	08 11 44.41	+20 48 53.5	19.0 V	691
1992 BY2		1992 01 26.20315	08 11 42.78	+20 48 58.7		691
1992 BY2		1992 02 05.14084	08 03 25.00	+21 13 06.4		691
1992 BY2		1992 02 05.14713	08 03 24.69	+21 13 07.5	18.9 V	691
1992 BY2		1992 02 05.15612	08 03 24.28	+21 13 08.5		691
1992 BZ2	*	1992 01 26.14106	08 14 11.12	+20 36 28.6		691
1992 BZ2		1992 01 26.17317	08 14 08.83	+20 36 33.2	19.5 V	691
1992 BZ2		1992 01 26.20481	08 14 06.52	+20 36 37.2		691
1992 BZ2		1992 02 05.14038	08 02 44.81	+20 54 38.0		691
1992 BZ2		1992 02 05.14666	08 02 44.39	+20 54 38.4	19.0 V	691
1992 BZ2		1992 02 05.15566	08 02 43.81	+20 54 39.4		691
1992 BA3	*	1992 01 26.14164	08 15 01.40	+20 39 06.2		691
1992 BA3		1992 01 26.17375	08 14 59.09	+20 38 55.0	19.9 V	691

1992 BA3		1992 01	26.20539	08 14	56.78	+20 38	42.9		691
1992 BA3		1992 02	01.20346	08 08	04.64	+20 00	46.7	20.7 V	691
1992 BA3		1992 02	01.22504	08 08	03.12	+20 00	37.9		691
1992 BA3		1992 02	01.25129	08 08	01.24	+20 00	28.4		691
1992 BB3	*	1992 01	26.14338	08 17	32.07	+20 39	39.3		691
1992 BB3		1992 01	26.17550	08 17	30.25	+20 39	57.9	18.9 V	691
1992 BB3		1992 01	26.20714	08 17	28.38	+20 40	15.8		691
1992 BB3		1992 01	31.16596	08 12	51.56	+21 26	33.6		691
1992 BB3		1992 01	31.19139	08 12	50.11	+21 26	47.8	17.5 V	691
1992 BB3		1992 01	31.21728	08 12	48.63	+21 27	02.2		691
1992 BC3	*	1992 01	26.16042	08 42	07.76	+20 24	01.1		691
1992 BC3		1992 01	26.19253	08 42	05.42	+20 23	55.8	19.1 V	691
1992 BC3		1992 01	26.22417	08 42	03.07	+20 23	50.3		691
1992 BC3		1992 02	01.28963	08 34	46.65	+20 04	15.9		691
1992 BC3		1992 02	01.31144	08 34	44.99	+20 04	11.3	18.2 V	691
1992 BC3		1992 02	01.33320	08 34	43.37	+20 04	06.6		691
1992 BC3		1992 02	09.32134	08 25	33.61	+19 34	16.2	18.3 V	691
1992 BC3		1992 02	09.34696	08 25	31.88	+19 34	09.2		691
1992 BC3		1992 02	09.37324	08 25	30.11	+19 34	02.9		691
1992 BD3	*	1992 01	26.23548	08 10	47.90	+10 52	58.8	20.9 V	691
1992 BD3		1992 01	26.25978	08 10	46.49	+10 53	05.0		691
1992 BD3		1992 01	26.29532	08 10	44.46	+10 53	13.2		691
1992 BD3		1992 01	28.17143	08 09	02.48	+11 00	54.0		691
1992 BD3		1992 01	28.19567	08 09	01.11	+11 01	00.5	20.3 V	691
1992 BD3		1992 01	28.21979	08 08	59.74	+11 01	06.7		691
1992 BE3	*	1992 01	26.23593	08 11	26.62	+10 52	31.4		691
1992 BE3		1992 01	26.26023	08 11	25.45	+10 52	40.2	20.5 V	691
1992 BE3		1992 01	26.29577	08 11	23.75	+10 52	52.8		691
1992 BE3		1992 01	28.17205	08 09	56.53	+11 04	03.2	19.8 V	691
1992 BE3		1992 01	28.40236	08 09	45.51	+11 05	26.6	19.9 V	691
1992 BE3		1992 01	28.41383	08 09	44.97	+11 05	30.9		691
1992 BE3		1992 01	28.42453	08 09	44.47	+11 05	35.9		691
1992 BF3	*	1992 01	26.23829	08 14	51.10	+11 02	34.4	21.0 V	691
1992 BF3		1992 01	26.26259	08 14	49.63	+11 02	49.1		691
1992 BF3		1992 01	26.29812	08 14	47.46	+11 03	10.5		691
1992 BF3		1992 01	29.31200	08 11	52.28	+11 33	43.8		691
1992 BF3		1992 01	29.32228	08 11	51.66	+11 33	50.4	20.1 V	691
1992 BF3		1992 01	29.33059	08 11	51.17	+11 33	55.0		691
1992 BG3	*	1992 01	26.23841	08 15	01.91	+11 10	22.7	19.7 V	691
1992 BG3		1992 01	26.26272	08 15	00.68	+11 10	24.4		691
1992 BG3		1992 01	26.29825	08 14	58.89	+11 10	27.0		691
1992 BG3		1992 01	28.17447	08 13	25.62	+11 12	35.8		691
1992 BG3		1992 01	28.19871	08 13	24.39	+11 12	38.0	19.0 V	691
1992 BG3		1992 01	28.22283	08 13	23.19	+11 12	39.9		691
1992 BG3		1992 01	28.40477	08 13	14.04	+11 12	53.3	19.2 V	691
1992 BG3		1992 01	28.41624	08 13	13.46	+11 12	53.7		691
1992 BG3		1992 01	28.42693	08 13	12.91	+11 12	54.8		691
1992 BH3	*	1992 01	26.23845	08 15	05.10	+10 54	43.2		691
1992 BH3		1992 01	26.26275	08 15	03.66	+10 54	54.6	19.9 V	691
1992 BH3		1992 01	26.29828	08 15	01.64	+10 55	07.0		691
1992 BH3		1992 01	28.17437	08 13	17.49	+11 07	33.0		691
1992 BH3		1992 01	28.19861	08 13	16.09	+11 07	42.3		691
1992 BH3		1992 01	28.22273	08 13	14.74	+11 07	51.9	18.9 V	691
1992 BH3		1992 01	29.31226	08 12	14.35	+11 15	12.3	19.2 V	691
1992 BH3		1992 01	29.32253	08 12	13.74	+11 15	16.1		691
1992 BH3		1992 01	29.33085	08 12	13.29	+11 15	19.9		691
1992 BJ3	*	1992 01	26.23979	08 17	01.47	+10 48	22.3		691
1992 BJ3		1992 01	26.26409	08 16	59.92	+10 48	20.4	18.9 V	691
1992 BJ3		1992 01	26.29962	08 16	57.63	+10 48	17.4		691

1992 BJ3		1992 01	28.17559	08 15	02.50	+10	45	53.5		691
1992 BJ3		1992 01	28.19983	08 15	00.96	+10	45	52.0	18.5 V	691
1992 BJ3		1992 01	28.22394	08 14	59.44	+10	45	50.4		691
1992 BJ3		1992 01	28.40586	08 14	47.87	+10	45	37.8	18.6 V	691
1992 BJ3		1992 01	28.41732	08 14	47.14	+10	45	37.0		691
1992 BJ3		1992 01	28.42801	08 14	46.29	+10	45	36.3		691
1992 BK3	*	1992 01	26.24262	08 21	06.70	+11	06	09.0		691
1992 BK3		1992 01	26.26692	08 21	04.98	+11	06	07.1	19.6 V	691
1992 BK3		1992 01	26.30245	08 21	02.50	+11	06	04.2		691
1992 BK3		1992 01	28.17829	08 18	56.72	+11	03	30.4		691
1992 BK3		1992 01	28.20253	08 18	55.07	+11	03	28.4		691
1992 BK3		1992 01	28.22665	08 18	53.40	+11	03	26.7	19.0 V	691
1992 BL3	*	1992 01	26.24899	08 30	17.90	+10	58	39.6		691
1992 BL3		1992 01	26.27329	08 30	16.67	+10	58	45.7		691
1992 BL3		1992 01	26.30883	08 30	14.89	+10	58	54.6	19.9 V	691
1992 BL3		1992 01	28.18508	08 28	44.53	+11	06	58.5		691
1992 BL3		1992 01	28.20932	08 28	43.32	+11	07	05.2	19.2 V	691
1992 BL3		1992 01	28.23344	08 28	42.10	+11	07	11.7		691
1992 BM3	*	1992 01	26.31774	08 37	32.16	+10	53	08.4		691
1992 BM3		1992 01	26.34218	08 37	30.71	+10	53	14.8	20.2 V	691
1992 BM3		1992 01	26.36657	08 37	29.24	+10	53	21.1		691
1992 BM3		1992 01	28.18993	08 35	44.91	+11	01	38.6	18.4 V	691
1992 BM3		1992 01	28.21417	08 35	43.49	+11	01	45.6		691
1992 BM3		1992 01	28.23829	08 35	42.06	+11	01	52.5		691
1992 BN3	*	1992 01	27.28867	09 40	53.64	+17	48	30.6	19.0 V	691
1992 BN3		1992 01	27.31358	09 40	52.42	+17	48	41.1		691
1992 BN3		1992 01	27.33868	09 40	51.14	+17	48	51.8		691
1992 BN3		1992 02	09.40557	09 29	35.76	+19	20	26.3		691
1992 BN3		1992 02	09.43180	09 29	34.37	+19	20	36.8	19.2 V	691
1992 BN3		1992 02	09.46207	09 29	32.72	+19	20	48.8		691
1992 BO3	*	1992 01	27.29073	09 43	51.56	+17	52	33.5		691
1992 BO3		1992 01	27.31563	09 43	50.10	+17	52	45.0	19.3 V	691
1992 BO3		1992 01	27.34073	09 43	48.59	+17	52	56.8		691
1992 BO3		1992 02	09.40609	09 30	20.61	+19	32	26.1	19.2 V	691
1992 BO3		1992 02	09.43232	09 30	18.90	+19	32	37.6		691
1992 BO3		1992 02	09.46258	09 30	16.93	+19	32	50.0		691
1992 BP3	*	1992 01	27.29608	09 51	34.66	+17	42	46.3		691
1992 BP3		1992 01	27.32098	09 51	32.57	+17	42	37.8	18.9 V	691
1992 BP3		1992 01	27.34606	09 51	30.45	+17	42	29.9		691
1992 BP3		1992 02	05.37506	09 38	41.58	+16	51	16.3		691
1992 BP3		1992 02	05.41895	09 38	37.65	+16	51	00.7	18.2 V	691
1992 BP3		1992 02	05.43991	09 38	35.82	+16	50	53.2		691
1992 BQ3	*	1992 01	27.37185	10 52	43.68	-01	40	53.3		691
1992 BQ3		1992 01	27.39556	10 52	43.18	-01	40	58.6		691
1992 BQ3		1992 01	27.41933	10 52	42.68	-01	41	03.7	19.3 V	691
1992 BQ3		1992 01	28.47867	10 52	20.61	-01	44	57.5	19.5 V	691
1992 BQ3		1992 01	28.50271	10 52	20.04	-01	45	02.8		691
1992 BQ3		1992 01	28.52668	10 52	19.46	-01	45	08.1		691
1992 BR3	*	1992 01	27.37278	10 54	03.61	-02	04	10.6		691
1992 BR3		1992 01	27.39649	10 54	03.06	-02	04	12.8	17.6 V	691
1992 BR3		1992 01	27.42025	10 54	02.49	-02	04	14.6		691
1992 BR3		1992 01	28.47957	10 53	38.72	-02	05	32.8		691
1992 BR3		1992 01	28.50361	10 53	38.12	-02	05	34.7	17.6 V	691
1992 BR3		1992 01	28.52758	10 53	37.50	-02	05	36.4		691
1992 BS3	*	1992 01	27.37866	11 02	33.25	-01	42	50.9		691
1992 BS3		1992 01	27.40237	11 02	32.85	-01	42	44.2		691
1992 BS3		1992 01	27.42614	11 02	32.35	-01	42	39.1	20.0 V	691
1992 BS3		1992 01	28.48552	11 02	13.67	-01	38	20.3		691
1992 BS3		1992 01	28.50956	11 02	13.23	-01	38	14.5	19.8 V	691

1992 BS3		1992 01	28.53353	11 02	12.71	-01 38	08.5		691
1992 BT3	*	1992 01	28.09498	03 09	00.44	+22 22	04.2		691
1992 BT3		1992 01	28.11902	03 09	01.14	+22 22	03.7		691
1992 BT3		1992 01	28.14389	03 09	01.87	+22 22	03.1	19.2 V	691
1992 BT3		1992 01	29.09273	03 09	30.99	+22 21	53.6		691
1992 BT3		1992 01	29.11434	03 09	31.61	+22 21	53.6	19.1 V	691
1992 BT3		1992 01	29.13581	03 09	32.27	+22 21	53.6		691
1992 BU3	*	1992 01	28.09595	03 11	08.97	+21 59	38.9	19.0 V	691
1992 BU3		1992 01	28.12000	03 11	10.04	+21 59	41.0		691
1992 BU3		1992 01	28.14487	03 11	11.17	+21 59	43.2		691
1992 BU3		1992 01	29.09406	03 11	56.01	+22 01	18.3		691
1992 BU3		1992 01	29.11566	03 11	56.97	+22 01	20.5		691
1992 BU3		1992 01	29.13714	03 11	57.96	+22 01	22.6	19.0 V	691
1992 BV3	*	1992 01	28.10213	03 20	04.70	+22 27	10.7		691
1992 BV3		1992 01	28.12617	03 20	04.97	+22 27	20.4	18.6 V	691
1992 BV3		1992 01	28.15104	03 20	05.34	+22 27	31.3		691
1992 BV3		1992 01	31.09315	03 20	54.47	+22 48	59.1		691
1992 BV3		1992 01	31.11811	03 20	54.95	+22 49	10.2	18.4 V	691
1992 BV3		1992 01	31.13704	03 20	55.26	+22 49	18.5		691
1992 BW3	*	1992 01	28.10493	03 24	06.91	+22 25	40.1	19.5 V	691
1992 BW3		1992 01	28.12898	03 24	08.18	+22 25	46.5		691
1992 BW3		1992 01	28.15385	03 24	09.42	+22 25	52.4		691
1992 BW3		1992 01	31.09722	03 26	46.31	+22 37	29.1	19.4 V	691
1992 BW3		1992 01	31.12218	03 26	47.71	+22 37	35.8		691
1992 BW3		1992 01	31.14112	03 26	48.71	+22 37	40.3		691
1992 BX3	*	1992 01	28.10657	03 26	29.27	+22 30	33.1	18.2 V	691
1992 BX3		1992 01	28.13061	03 26	29.87	+22 30	38.8		691
1992 BX3		1992 01	28.15548	03 26	30.49	+22 30	45.1		691
1992 BX3		1992 01	31.09800	03 27	54.32	+22 43	00.0	18.4 V	691
1992 BX3		1992 01	31.12296	03 27	55.05	+22 43	06.3		691
1992 BX3		1992 01	31.14189	03 27	55.57	+22 43	11.0		691
1992 BY3	*	1992 01	28.10681	03 26	50.35	+21 58	34.7		691
1992 BY3		1992 01	28.13086	03 26	51.63	+21 58	38.2	19.5 V	691
1992 BY3		1992 01	28.15574	03 26	52.98	+21 58	42.7		691
1992 BY3		1992 01	29.10504	03 27	46.91	+22 01	19.0		691
1992 BY3		1992 01	29.12664	03 27	48.08	+22 01	22.5		691
1992 BY3		1992 01	29.14812	03 27	49.30	+22 01	25.2	20.0 V	691
1992 BZ3	*	1992 01	28.10921	03 30	17.73	+22 11	16.6		691
1992 BZ3		1992 01	28.13325	03 30	18.54	+22 11	20.8	20.0 V	691
1992 BZ3		1992 01	28.15813	03 30	19.43	+22 11	25.4		691
1992 BZ3		1992 01	29.10720	03 30	54.50	+22 14	33.9	20.2 V	691
1992 BZ3		1992 01	29.12880	03 30	55.29	+22 14	38.1		691
1992 BZ3		1992 01	29.15028	03 30	56.06	+22 14	42.8		691
1992 BA4	*	1992 01	28.11079	03 32	35.05	+22 01	52.8	18.4 V	691
1992 BA4		1992 01	28.13484	03 32	35.60	+22 01	54.8		691
1992 BA4		1992 01	28.15970	03 32	36.14	+22 01	56.8		691
1992 BA4		1992 01	29.10864	03 32	59.52	+22 03	15.7		691
1992 BA4		1992 01	29.13024	03 33	00.05	+22 03	17.4	18.7 V	691
1992 BA4		1992 01	29.15171	03 33	00.50	+22 03	19.4		691
1992 BB4	*	1992 01	28.11243	03 34	57.28	+22 16	28.5		691
1992 BB4		1992 01	28.13648	03 34	58.40	+22 16	31.2	20.0 V	691
1992 BB4		1992 01	28.16136	03 34	59.54	+22 16	34.4		691
1992 BB4		1992 01	29.11057	03 35	46.08	+22 18	17.2		691
1992 BB4		1992 01	29.13217	03 35	47.12	+22 18	19.3	20.0 V	691
1992 BB4		1992 01	29.15365	03 35	48.17	+22 18	22.6		691
1992 BC4	*	1992 01	28.11294	03 35	41.40	+22 18	54.8	19.8 V	691
1992 BC4		1992 01	28.13699	03 35	42.00	+22 18	59.3		691
1992 BC4		1992 01	28.16186	03 35	42.63	+22 19	06.7		691
1992 BC4		1992 01	29.11082	03 36	08.23	+22 22	24.7		691

1992 BC4		1992 01	29.13242	03 36	08.77	+22	22	29.7		691
1992 BC4		1992 01	29.15389	03 36	09.35	+22	22	34.4	19.5 V	691
1992 BD4	*	1992 01	29.16730	07 58	20.69	+24	24	14.6	19.8 V	691
1992 BD4		1992 01	29.19121	07 58	19.36	+24	24	18.1		691
1992 BD4		1992 01	29.21502	07 58	18.02	+24	24	21.6		691
1992 BD4		1992 01	30.20414	07 57	24.03	+24	26	30.0		691
1992 BD4		1992 01	30.23031	07 57	22.51	+24	26	33.6		691
1992 BD4		1992 01	30.25707	07 57	21.03	+24	26	37.5	20.4 V	691
1992 BE4	*	1992 01	29.16910	08 00	56.05	+24	29	12.8	19.6 V	691
1992 BE4		1992 01	29.19300	08 00	54.37	+24	29	13.7		691
1992 BE4		1992 01	29.21680	08 00	52.65	+24	29	13.8		691
1992 BE4		1992 01	30.20576	07 59	43.88	+24	29	20.7	20.0 V	691
1992 BE4		1992 01	30.23192	07 59	42.07	+24	29	20.8		691
1992 BE4		1992 01	30.25868	07 59	40.15	+24	29	21.1		691
1992 BF4	*	1992 01	29.17102	08 03	42.43	+24	04	11.0		691
1992 BF4		1992 01	29.19493	08 03	41.10	+24	04	15.0		691
1992 BF4		1992 01	29.21873	08 03	39.69	+24	04	18.5	18.0 V	691
1992 BF4		1992 01	30.20786	08 02	45.48	+24	06	41.6	18.7 V	691
1992 BF4		1992 01	30.23402	08 02	44.01	+24	06	45.3		691
1992 BF4		1992 01	30.26078	08 02	42.43	+24	06	49.7		691
1992 BF4		1992 02	09.14083	07 54	22.26	+24	25	51.0		691
1992 BF4		1992 02	09.16735	07 54	20.94	+24	25	54.4	18.7 V	691
1992 BF4		1992 02	09.19670	07 54	19.71	+24	25	57.4		691
1992 BG4	*	1992 01	29.17219	08 05	24.37	+24	13	02.2	19.1 V	691
1992 BG4		1992 01	29.19610	08 05	22.82	+24	13	11.0		691
1992 BG4		1992 01	29.21990	08 05	21.20	+24	13	20.1		691
1992 BG4		1992 01	30.20892	08 04	17.47	+24	19	23.3		691
1992 BG4		1992 01	30.23508	08 04	15.72	+24	19	32.8		691
1992 BG4		1992 01	30.26184	08 04	13.91	+24	19	42.6	19.8 V	691
1992 BH4	*	1992 01	29.17252	08 05	52.95	+24	16	42.8	19.2 V	691
1992 BH4		1992 01	29.19643	08 05	51.25	+24	16	46.6		691
1992 BH4		1992 01	29.22023	08 05	49.54	+24	16	50.1		691
1992 BH4		1992 01	30.26211	08 04	37.62	+24	19	18.8	19.6 V	691
1992 BH4		1992 02	09.14081	07 54	21.12	+24	35	51.2	19.8 V	691
1992 BH4		1992 02	09.16734	07 54	19.63	+24	35	53.0		691
1992 BH4		1992 02	09.19668	07 54	17.91	+24	35	55.3		691
1992 BJ4	*	1992 01	29.22707	08 17	21.00	+24	18	36.9	21.1 V	691
1992 BJ4		1992 01	29.25311	08 17	19.40	+24	18	42.6		691
1992 BJ4		1992 01	29.27923	08 17	17.83	+24	18	47.9		691
1992 BJ4		1992 01	30.21731	08 16	24.34	+24	21	46.5	21.3 V	691
1992 BJ4		1992 01	30.24348	08 16	22.75	+24	21	50.9		691
1992 BJ4		1992 01	30.27023	08 16	21.12	+24	21	56.1		691
1992 BK4	*	1992 01	29.22823	08 19	23.13	+24	18	39.4	19.7 V	691
1992 BK4		1992 01	29.25426	08 19	21.44	+24	18	44.1		691
1992 BK4		1992 01	29.28036	08 19	19.76	+24	18	48.9		691
1992 BK4		1992 01	30.21867	08 18	21.85	+24	21	17.7	19.6 V	691
1992 BK4		1992 01	30.24483	08 18	20.21	+24	21	22.0		691
1992 BK4		1992 01	30.27159	08 18	18.43	+24	21	26.2		691
1992 BK4		1992 02	09.15084	08 08	49.52	+24	41	21.3	19.7 V	691
1992 BK4		1992 02	09.17737	08 08	48.09	+24	41	23.6		691
1992 BK4		1992 02	09.20671	08 08	46.51	+24	41	26.6		691
1992 BL4	*	1992 01	29.22864	08 19	58.09	+24	13	45.3	19.8 V	691
1992 BL4		1992 01	29.25466	08 19	56.56	+24	13	48.8		691
1992 BL4		1992 01	29.28077	08 19	55.05	+24	13	52.8		691
1992 BL4		1992 01	30.21912	08 19	01.00	+24	15	51.4		691
1992 BL4		1992 01	30.24529	08 18	59.45	+24	15	54.5	20.6 V	691
1992 BL4		1992 01	30.27204	08 18	57.74	+24	15	58.5		691
1992 BL4		1992 02	09.15163	08 09	57.75	+24	32	12.4	20.4 V	691
1992 BL4		1992 02	09.17816	08 09	56.36	+24	32	14.2		691

1992	BL4		1992	02	09.20750	08	09	54.84	+24	32	16.0		691
1992	BM4	*	1992	01	29.22951	08	21	13.77	+24	18	06.7	19.3 V	691
1992	BM4		1992	01	29.25554	08	21	12.14	+24	18	11.5		691
1992	BM4		1992	01	29.28164	08	21	10.51	+24	18	16.5		691
1992	BM4		1992	01	30.21997	08	20	14.33	+24	20	54.6	19.5 V	691
1992	BM4		1992	01	30.24613	08	20	12.70	+24	20	59.6		691
1992	BM4		1992	01	30.27289	08	20	11.05	+24	21	03.3		691
1992	BM4		1992	02	09.15228	08	10	54.68	+24	42	52.9	19.6 V	691
1992	BM4		1992	02	09.17881	08	10	53.28	+24	42	55.3		691
1992	BM4		1992	02	09.20815	08	10	51.70	+24	42	58.5		691
1992	BN4	*	1992	01	29.23025	08	22	17.89	+24	27	13.0		691
1992	BN4		1992	01	29.25628	08	22	16.47	+24	27	19.0	18.7 V	691
1992	BN4		1992	01	29.28239	08	22	14.95	+24	27	25.5		691
1992	BN4		1992	01	30.22074	08	21	21.58	+24	31	02.8	19.2 V	691
1992	BN4		1992	01	30.24691	08	21	20.05	+24	31	09.0		691
1992	BN4		1992	01	30.27367	08	21	18.47	+24	31	14.8		691
1992	BO4	*	1992	01	29.23345	08	26	55.30	+24	29	41.9	17.5 V	691
1992	BO4		1992	01	29.25948	08	26	53.93	+24	29	54.8		691
1992	BO4		1992	01	29.28559	08	26	52.40	+24	30	09.2		691
1992	BO4		1992	01	30.22398	08	26	01.59	+24	38	08.8	17.9 V	691
1992	BO4		1992	01	30.25015	08	26	00.29	+24	38	21.2		691
1992	BO4		1992	01	30.27690	08	25	58.68	+24	38	35.6		691
1992	BP4	*	1992	01	29.23412	08	27	53.02	+24	14	44.5	20.1 V	691
1992	BP4		1992	01	29.26014	08	27	51.21	+24	14	50.4		691
1992	BP4		1992	01	29.28625	08	27	49.42	+24	14	56.4		691
1992	BP4		1992	02	09.15602	08	16	18.56	+24	47	03.5	20.5 V	691
1992	BP4		1992	02	09.18255	08	16	16.99	+24	47	07.2		691
1992	BP4		1992	02	09.21189	08	16	15.27	+24	47	11.8		691
1992	BQ4	*	1992	01	29.23485	08	28	56.04	+24	18	45.3	19.7 V	691
1992	BQ4		1992	01	29.26087	08	28	54.23	+24	18	42.1		691
1992	BQ4		1992	01	29.28698	08	28	52.42	+24	18	39.3		691
1992	BQ4		1992	01	30.22523	08	27	50.09	+24	16	35.3		691
1992	BQ4		1992	01	30.25139	08	27	48.30	+24	16	32.5		691
1992	BQ4		1992	01	30.27815	08	27	46.46	+24	16	28.3	20.2 V	691
1992	BR4	*	1992	01	29.23581	08	30	19.06	+24	28	20.7	19.3 V	691
1992	BR4		1992	01	29.26183	08	30	17.53	+24	28	26.4		691
1992	BR4		1992	01	29.28794	08	30	15.86	+24	28	33.3		691
1992	BR4		1992	01	30.22627	08	29	19.85	+24	32	07.3	19.8 V	691
1992	BR4		1992	01	30.25243	08	29	18.16	+24	32	13.3		691
1992	BR4		1992	01	30.27919	08	29	16.56	+24	32	18.9		691
1992	BS4	*	1992	01	29.23867	08	34	27.25	+24	15	06.2	18.8 V	691
1992	BS4		1992	01	29.26470	08	34	25.47	+24	15	07.6		691
1992	BS4		1992	01	29.29080	08	34	23.65	+24	15	09.3		691
1992	BS4		1992	02	09.16043	08	22	40.04	+24	20	04.5		691
1992	BS4		1992	02	09.18695	08	22	38.37	+24	20	03.9	19.2 V	691
1992	BS4		1992	02	09.21629	08	22	36.52	+24	20	03.6		691
1992	BT4	*	1992	01	29.23953	08	35	41.19	+24	04	43.8	18.5 V	691
1992	BT4		1992	01	29.26555	08	35	39.51	+24	04	50.3		691
1992	BT4		1992	01	29.29166	08	35	37.80	+24	04	57.0		691
1992	BT4		1992	02	09.16197	08	24	53.57	+24	41	28.5		691
1992	BT4		1992	02	09.18850	08	24	52.07	+24	41	32.6	18.9 V	691
1992	BT4		1992	02	09.21784	08	24	50.25	+24	41	39.2		691
1992	BU4		1992	01	26.23580	08	11	15.84	+11	14	27.0		691
1992	BU4		1992	01	26.29563	08	11	11.96	+11	14	50.2	19.6 V	691
1992	BU4	*	1992	01	29.30936	08	08	03.80	+11	34	37.4		691
1992	BU4		1992	01	29.31964	08	08	03.16	+11	34	41.4	19.6 V	691
1992	BU4		1992	01	29.32795	08	08	02.60	+11	34	44.3		691
1992	BU4		1992	01	30.36887	08	06	59.07	+11	41	39.1		691
1992	BU4		1992	01	30.37721	08	06	58.55	+11	41	42.4	20.4 V	691

1992 BU4		1992 01 30.38578	08 06 58.03	+11 41 45.9		691
1992 BV4	*	1992 01 30.13418	08 10 41.40	+23 05 38.8	20.1 V	691
1992 BV4		1992 01 30.16321	08 10 40.04	+23 05 52.0		691
1992 BV4		1992 01 30.18914	08 10 38.67	+23 06 05.1		691
1992 BV4		1992 02 09.14700	08 03 17.18	+24 17 31.2		691
1992 BV4		1992 02 09.17353	08 03 16.12	+24 17 42.0		691
1992 BV4		1992 02 09.20288	08 03 14.89	+24 17 53.5	20.6 V	691
1992 BW4	*	1992 01 30.21184	08 08 30.33	+24 13 26.2	19.9 V	691
1992 BW4		1992 01 30.23801	08 08 28.87	+24 13 30.7		691
1992 BW4		1992 01 30.26477	08 08 27.48	+24 13 35.4		691
1992 BW4		1992 02 09.14476	08 00 02.95	+24 34 53.4	20.0 V	691
1992 BW4		1992 02 09.17129	08 00 01.68	+24 34 55.4		691
1992 BW4		1992 02 09.20063	08 00 00.34	+24 34 59.7		691
1992 BX4	*	1992 01 30.21605	08 14 35.52	+24 41 21.2		691
1992 BX4		1992 01 30.24222	08 14 33.65	+24 41 19.5	19.6 V	691
1992 BX4		1992 01 30.26897	08 14 31.69	+24 41 17.9		691
1992 BX4		1992 02 09.14750	08 04 00.25	+24 24 22.2		691
1992 BX4		1992 02 09.17403	08 03 58.69	+24 24 18.6	19.7 V	691
1992 BX4		1992 02 09.20336	08 03 56.92	+24 24 14.5		691
1992 BY4	*	1992 01 30.21654	08 15 17.72	+24 20 59.8	19.8 V	691
1992 BY4		1992 01 30.24270	08 15 15.84	+24 21 00.3		691
1992 BY4		1992 01 30.26946	08 15 13.86	+24 21 01.2		691
1992 BY4		1992 02 09.14787	08 04 32.48	+24 17 47.3	19.4 V	691
1992 BY4		1992 02 09.17440	08 04 30.85	+24 17 46.0		691
1992 BY4		1992 02 09.20373	08 04 29.05	+24 17 44.3		691
1992 BZ4	*	1992 01 26.23899	08 15 51.93	+10 44 40.8	18.7 V	691
1992 BZ4		1992 01 26.26329	08 15 50.64	+10 44 42.6		691
1992 BZ4		1992 01 26.29883	08 15 48.79	+10 44 44.8		691
1992 BZ4		1992 01 28.19928	08 14 13.73	+10 46 56.2	17.9 V	691
1992 BZ4		1992 01 28.22340	08 14 12.51	+10 46 58.2		691
1992 BA5	*	1992 01 29.16971	08 01 49.39	+24 18 51.5	19.9 V	691
1992 BA5		1992 01 29.19363	08 01 48.23	+24 18 54.9		691
1992 BA5		1992 01 30.20661	08 00 57.28	+24 21 06.9		691
1992 BA5		1992 01 30.23278	08 00 56.01	+24 21 10.8	20.2 V	691
1992 BA5		1992 01 30.25954	08 00 54.55	+24 21 14.4		691
1992 CD		1992 02 25.42529	10 40 38.27	+08 18 25.0	17.4 V	691
1992 CD		1992 02 25.46308	10 40 36.42	+08 18 33.8		691
1992 CD		1992 02 25.48368	10 40 35.46	+08 18 38.4		691
1992 CD		1992 03 06.36630	10 32 52.55	+08 56 25.2	17.3 V	691
1992 CD		1992 03 06.38656	10 32 51.72	+08 56 29.7		691
1992 CD		1992 03 06.40698	10 32 50.67	+08 56 33.4		691
1992 CE1		1992 01 27.37114	10 51 42.04	-01 58 05.0		691
1992 CE1		1992 01 27.39485	10 51 41.52	-01 57 57.1		691
1992 CE1		1992 01 27.41862	10 51 41.00	-01 57 49.4	16.8 V	691
1992 CE1		1992 01 28.47795	10 51 17.61	-01 51 49.5		691
1992 CE1		1992 01 28.50199	10 51 17.06	-01 51 41.7	17.2 V	691
1992 CE1		1992 01 28.52595	10 51 16.46	-01 51 33.3		691
1992 CF1		1992 03 06.21886	09 59 44.62	+16 21 32.9	18.0 V	691
1992 CF1		1992 03 06.24831	09 59 42.89	+16 21 36.8		691
1992 CF1		1992 03 06.26934	09 59 41.61	+16 21 38.5		691
1992 CF1		1992 03 07.30215	09 58 43.47	+16 23 44.9		691
1992 CF1		1992 03 07.32332	09 58 42.23	+16 23 47.3	18.3 V	691
1992 CF1		1992 03 07.34422	09 58 41.05	+16 23 49.9		691
1992 CF1		1992 03 11.37378	09 55 05.23	+16 30 35.7	18.2 V	691
1992 CF1		1992 03 11.38674	09 55 04.56	+16 30 36.5		691
1992 CF1		1992 03 11.39958	09 55 03.89	+16 30 37.7		691
1992 CK1		1992 02 28.19347	09 56 18.83	+13 32 57.9	17.4 V	691
1992 CK1		1992 02 28.21078	09 56 18.05	+13 33 09.6		691
1992 CK1		1992 02 28.22787	09 56 17.28	+13 33 20.8		691

1992 CK1		1992 03 11.17572	09 48 43.78	+15 35 20.6	18.2 V	691
1992 CK1		1992 03 11.19654	09 48 43.07	+15 35 32.5		691
1992 CK1		1992 03 11.21737	09 48 42.38	+15 35 44.4		691
1992 CA2		1992 02 28.20039	10 06 17.98	+13 36 34.1		691
1992 CA2		1992 02 28.21770	10 06 16.97	+13 36 41.8	17.4 V	691
1992 CA2		1992 02 28.23478	10 06 15.99	+13 36 49.4		691
1992 CE2		1992 02 24.32798	10 04 45.91	+18 12 26.0	17.2 V	691
1992 CE2		1992 02 24.34965	10 04 44.69	+18 12 36.9		691
1992 CE2		1992 02 24.37094	10 04 43.58	+18 12 48.1		691
1992 CD3		1992 01 30.36832	08 06 11.39	+12 06 58.2		691
1992 CD3		1992 01 30.37666	08 06 10.93	+12 07 01.3	18.9 V	691
1992 CD3		1992 01 30.38523	08 06 10.47	+12 07 04.5		691
1992 DG		1992 02 27.26494	10 34 04.94	+15 01 11.4		691
1992 DG		1992 02 27.28999	10 34 03.61	+15 01 29.3	17.4 V	691
1992 DG		1992 02 27.31524	10 34 02.31	+15 01 47.6		691
1992 DM2		1992 02 25.35634	11 02 31.62	+17 39 31.2		691
1992 DM2		1992 02 25.38189	11 02 29.89	+17 39 38.2	18.4 V	691
1992 DM2		1992 02 25.40725	11 02 28.24	+17 39 45.3		691
1992 DP2		1992 02 25.35745	11 04 07.61	+17 23 32.2		691
1992 DP2		1992 02 25.38300	11 04 06.29	+17 23 43.3		691
1992 DP2		1992 02 25.40837	11 04 04.99	+17 23 54.1	17.5 V	691
1992 DS2	*	1992 02 23.38085	10 46 20.17	+08 58 58.5		691
1992 DS2		1992 02 23.40261	10 46 18.76	+08 59 03.3	20.8 V	691
1992 DS2		1992 02 23.42682	10 46 17.07	+08 59 06.7		691
1992 DS2		1992 03 05.35343	10 34 24.17	+09 34 41.6		691
1992 DS2		1992 03 05.37690	10 34 22.63	+09 34 46.4		691
1992 DS2		1992 03 05.39947	10 34 21.07	+09 34 50.3	20.7 V	691
1992 DT2	*	1992 02 23.38161	10 47 26.23	+09 04 42.5		691
1992 DT2		1992 02 23.40338	10 47 25.18	+09 04 51.2		691
1992 DT2		1992 02 23.42759	10 47 24.01	+09 04 59.0	20.0 V	691
1992 DT2		1992 03 06.28711	10 38 05.43	+10 12 31.8	19.6 V	691
1992 DT2		1992 03 06.30749	10 38 04.33	+10 12 38.8		691
1992 DT2		1992 03 06.34622	10 38 02.61	+10 12 51.9		691
1992 DT2		1992 03 11.30267	10 34 17.92	+10 39 11.2		691
1992 DT2		1992 03 11.32362	10 34 17.03	+10 39 17.4		691
1992 DT2		1992 03 11.34415	10 34 16.05	+10 39 23.6	19.8 V	691
1992 DU2	*	1992 02 23.38649	10 54 28.52	+08 46 51.7	19.5 V	691
1992 DU2		1992 02 23.40825	10 54 27.21	+08 47 02.4		691
1992 DU2		1992 02 23.43246	10 54 25.70	+08 47 13.7		691
1992 DU2		1992 03 11.30481	10 37 23.36	+10 56 24.2	20.1 V	691
1992 DU2		1992 03 11.32576	10 37 22.10	+10 56 33.3		691
1992 DU2		1992 03 11.34629	10 37 20.87	+10 56 41.9		691
1992 DV2	*	1992 02 23.38954	10 58 53.00	+09 08 09.8		691
1992 DV2		1992 02 23.41131	10 58 51.92	+09 08 19.6	18.7 V	691
1992 DV2		1992 02 23.43552	10 58 50.64	+09 08 32.3		691
1992 DV2		1992 02 24.40899	10 58 00.12	+09 16 49.5	18.6 V	691
1992 DV2		1992 02 24.42978	10 57 59.01	+09 16 59.6		691
1992 DV2		1992 02 24.45067	10 57 57.88	+09 17 10.4		691
1992 DW2	*	1992 02 23.39162	11 01 52.88	+08 51 10.7		691
1992 DW2		1992 02 23.41338	11 01 51.61	+08 51 20.5		691
1992 DW2		1992 02 23.43760	11 01 50.24	+08 51 28.1	20.2 V	691
1992 DW2		1992 03 06.29587	10 50 44.14	+10 10 01.3	20.2 V	691
1992 DW2		1992 03 06.35497	10 50 40.75	+10 10 23.4		691
1992 DW2		1992 03 11.31086	10 46 07.51	+10 40 59.3	20.3 V	691
1992 DW2		1992 03 11.33181	10 46 06.34	+10 41 06.3		691
1992 DW2		1992 03 11.35234	10 46 05.22	+10 41 14.3		691
1992 DY2	*	1992 02 24.39983	10 44 46.88	+09 35 03.9		691
1992 DY2		1992 02 24.42062	10 44 45.55	+09 35 10.5	18.2 V	691
1992 DY2		1992 02 24.44151	10 44 44.16	+09 35 17.8		691

1992 DY2		1992 02 29.22186	10 39 39.75	+10 01 52.2	18.6 V	691
1992 DY2		1992 02 29.24242	10 39 38.37	+10 01 59.0		691
1992 DY2		1992 02 29.27014	10 39 36.51	+10 02 08.2		691
1992 DZ2		1992 02 09.50759	11 03 37.22	+08 19 59.3		691
1992 DZ2		1992 02 09.52481	11 03 36.48	+08 20 03.9	18.3 V	691
1992 DZ2		1992 02 09.54183	11 03 35.74	+08 20 08.3		691
1992 DZ2	*	1992 02 24.40429	10 51 13.39	+09 38 31.3	17.5 V	691
1992 DZ2		1992 02 24.42509	10 51 12.19	+09 38 38.3		691
1992 DZ2		1992 02 24.44597	10 51 10.99	+09 38 45.2		691
1992 DZ2		1992 02 29.22674	10 46 42.46	+10 05 11.6		691
1992 DZ2		1992 02 29.24730	10 46 41.26	+10 05 18.3	17.7 V	691
1992 DZ2		1992 02 29.27503	10 46 39.62	+10 05 27.3		691
1992 DA3	*	1992 02 24.40474	10 51 52.23	+09 27 13.8		691
1992 DA3		1992 02 24.42554	10 51 51.20	+09 27 18.7	19.2 V	691
1992 DA3		1992 02 24.44643	10 51 50.15	+09 27 24.6		691
1992 DA3		1992 03 11.30571	10 38 41.00	+10 33 44.6		691
1992 DA3		1992 03 11.32666	10 38 39.94	+10 33 49.7		691
1992 DA3		1992 03 11.34719	10 38 38.97	+10 33 54.3	19.7 V	691
1992 DB3	*	1992 02 24.40900	10 58 00.91	+09 38 17.3	19.2 V	691
1992 DB3		1992 02 24.42979	10 57 59.80	+09 38 22.0		691
1992 DB3		1992 02 24.45068	10 57 58.69	+09 38 27.5		691
1992 DB3		1992 03 11.30922	10 43 45.31	+10 40 40.6		691
1992 DB3		1992 03 11.33017	10 43 44.18	+10 40 44.5	19.9 V	691
1992 DB3		1992 03 11.35070	10 43 43.05	+10 40 48.9		691
1992 DC3	*	1992 02 25.42367	10 38 18.10	+08 29 37.6		691
1992 DC3		1992 02 25.46146	10 38 16.24	+08 29 50.1	18.4 V	691
1992 DC3		1992 02 25.48206	10 38 15.27	+08 29 56.6		691
1992 DC3		1992 03 05.35137	10 31 21.78	+09 17 02.3	18.6 V	691
1992 DC3		1992 03 05.37484	10 31 20.50	+09 17 09.7		691
1992 DC3		1992 03 05.39743	10 31 19.41	+09 17 16.6		691
1992 DD3	*	1992 02 25.42474	10 39 50.49	+08 07 28.1		691
1992 DD3		1992 02 25.46252	10 39 48.46	+08 07 39.1		691
1992 DD3		1992 02 25.48313	10 39 47.39	+08 07 45.5	18.9 V	691
1992 DD3		1992 03 06.36539	10 31 16.99	+08 55 36.3	19.1 V	691
1992 DD3		1992 03 06.38565	10 31 15.93	+08 55 42.0		691
1992 DD3		1992 03 06.40607	10 31 14.87	+08 55 47.8		691
1992 DE3	*	1992 02 25.42527	10 40 36.16	+08 33 21.1		691
1992 DE3		1992 02 25.46305	10 40 33.78	+08 33 29.5	19.2 V	691
1992 DE3		1992 02 25.48365	10 40 32.48	+08 33 34.8		691
1992 DE3		1992 03 05.35140	10 31 27.44	+09 07 36.8		691
1992 DE3		1992 03 05.37487	10 31 25.80	+09 07 41.7	19.3 V	691
1992 DE3		1992 03 05.39746	10 31 24.40	+09 07 46.0		691
1992 DE3		1992 03 06.36510	10 30 26.41	+09 11 19.0		691
1992 DE3		1992 03 06.38536	10 30 25.18	+09 11 23.0		691
1992 DE3		1992 03 06.40578	10 30 23.92	+09 11 28.1	19.3 V	691
1992 DF3	*	1992 02 25.42681	10 42 50.15	+08 38 12.5		691
1992 DF3		1992 02 25.46460	10 42 47.92	+08 38 33.1		691
1992 DF3		1992 02 25.48520	10 42 46.74	+08 38 43.9	19.5 V	691
1992 DF3		1992 03 06.28405	10 33 40.17	+10 04 30.6		691
1992 DF3		1992 03 06.30443	10 33 39.14	+10 04 40.9	19.6 V	691
1992 DF3		1992 03 06.34315	10 33 36.87	+10 05 00.4		691
1992 DF3		1992 03 11.29928	10 29 22.45	+10 44 39.5	19.6 V	691
1992 DF3		1992 03 11.32024	10 29 21.39	+10 44 48.8		691
1992 DF3		1992 03 11.34077	10 29 20.32	+10 44 58.7		691
1992 DG3	*	1992 02 25.42698	10 43 04.52	+08 38 24.9		691
1992 DG3		1992 02 25.46476	10 43 02.46	+08 38 39.2		691
1992 DG3		1992 02 25.48537	10 43 01.38	+08 38 47.0	19.9 V	691
1992 DG3		1992 03 05.35408	10 35 20.73	+09 33 42.1	19.9 V	691
1992 DG3		1992 03 05.37755	10 35 19.53	+09 33 50.5		691

1992 DG3		1992 03 05.40014	10 35 18.39	+09 33 58.0		691
1992 DH3	*	1992 02 25.42833	10 45 01.62	+08 05 09.5		691
1992 DH3		1992 02 25.46611	10 44 59.47	+08 05 15.1	19.2 V	691
1992 DH3		1992 02 25.48672	10 44 58.30	+08 05 18.1		691
1992 DH3		1992 02 29.32525	10 41 24.72	+08 14 56.4	18.8 V	691
1992 DH3		1992 02 29.36023	10 41 22.71	+08 15 01.8		691
1992 DH3		1992 02 29.38107	10 41 21.53	+08 15 04.5		691
1992 DH3		1992 03 11.23835	10 31 26.20	+08 40 36.4	19.0 V	691
1992 DH3		1992 03 11.25864	10 31 25.09	+08 40 39.1		691
1992 DH3		1992 03 11.27902	10 31 23.98	+08 40 41.8		691
1992 DJ3	*	1992 02 25.42892	10 45 52.72	+08 33 25.4		691
1992 DJ3		1992 02 25.46671	10 45 50.69	+08 33 41.9		691
1992 DJ3		1992 02 25.48731	10 45 49.54	+08 33 49.9	19.4 V	691
1992 DJ3		1992 03 06.28652	10 37 14.02	+09 43 41.9		691
1992 DJ3		1992 03 06.30690	10 37 12.84	+09 43 50.7	19.6 V	691
1992 DJ3		1992 03 06.34562	10 37 10.82	+09 44 06.7		691
1992 DK3	*	1992 02 25.42900	10 45 59.62	+08 17 48.3	19.5 V	691
1992 DK3		1992 02 25.46679	10 45 57.78	+08 18 05.6		691
1992 DK3		1992 02 25.48739	10 45 56.78	+08 18 14.5		691
1992 DK3		1992 03 05.35652	10 38 52.33	+09 25 47.9	19.8 V	691
1992 DK3		1992 03 05.38000	10 38 51.18	+09 25 58.6		691
1992 DK3		1992 03 05.40258	10 38 50.10	+09 26 08.5		691
1992 DL3	*	1992 02 25.43526	10 55 01.98	+08 22 05.1	19.1 V	691
1992 DL3		1992 02 25.47305	10 55 00.14	+08 22 15.3		691
1992 DL3		1992 02 25.49365	10 54 59.19	+08 22 20.1		691
1992 DL3		1992 03 06.37621	10 47 10.61	+09 06 03.1		691
1992 DL3		1992 03 06.39647	10 47 09.64	+09 06 08.1	19.1 V	691
1992 DL3		1992 03 06.41688	10 47 08.66	+09 06 13.5		691
1992 DM3	*	1992 02 25.43711	10 57 41.84	+08 06 01.4		691
1992 DM3		1992 02 25.47489	10 57 39.96	+08 06 16.1	19.8 V	691
1992 DM3		1992 02 25.49550	10 57 38.97	+08 06 24.0		691
1992 DM3		1992 03 05.36444	10 50 17.50	+09 06 25.4		691
1992 DM3		1992 03 05.38791	10 50 16.25	+09 06 34.5	19.4 V	691
1992 DM3		1992 03 05.41049	10 50 15.04	+09 06 44.1		691
1992 DN3	*	1992 02 25.43728	10 57 56.55	+08 33 03.6	18.6 V	691
1992 DN3		1992 02 25.47506	10 57 54.57	+08 33 18.3		691
1992 DN3		1992 02 25.49567	10 57 53.49	+08 33 27.1		691
1992 DN3		1992 03 05.36436	10 50 10.79	+09 35 20.9	18.7 V	691
1992 DN3		1992 03 05.38783	10 50 09.52	+09 35 30.2		691
1992 DN3		1992 03 05.41041	10 50 08.29	+09 35 39.9		691
1992 DN3		1992 03 06.29493	10 49 22.65	+09 41 38.0	18.6 V	691
1992 DN3		1992 03 06.35403	10 49 19.39	+09 42 01.9		691
1992 DO3	*	1992 02 26.19513	09 57 50.26	+16 22 50.9		691
1992 DO3		1992 02 26.21635	09 57 49.03	+16 22 50.9	19.2 V	691
1992 DO3		1992 02 26.23917	09 57 47.80	+16 22 51.6		691
1992 DO3		1992 03 07.29578	09 49 32.06	+16 23 45.8	19.9 V	691
1992 DO3		1992 03 07.31696	09 49 31.10	+16 23 45.3		691
1992 DO3		1992 03 07.33786	09 49 30.12	+16 23 44.7		691
1992 DP3	*	1992 02 26.19729	10 00 57.34	+16 12 03.7		691
1992 DP3		1992 02 26.21851	10 00 56.07	+16 12 09.6	20.8 V	691
1992 DP3		1992 02 26.24133	10 00 54.65	+16 12 15.6		691
1992 DP3		1992 03 06.21398	09 52 42.26	+16 47 20.3		691
1992 DP3		1992 03 06.24344	09 52 40.71	+16 47 25.6		691
1992 DP3		1992 03 06.26447	09 52 39.56	+16 47 30.1	20.9 V	691
1992 DQ3	*	1992 02 26.20247	10 08 25.68	+15 58 03.7	19.5 V	691
1992 DQ3		1992 02 26.22368	10 08 24.46	+15 58 11.1		691
1992 DQ3		1992 02 26.24651	10 08 23.14	+15 58 20.0		691
1992 DQ3		1992 03 06.21929	10 00 22.40	+16 47 19.4	19.7 V	691
1992 DQ3		1992 03 06.24875	10 00 20.90	+16 47 28.2		691

1992 DQ3		1992 03 06.26978	10 00 19.81	+16 47 34.8		691
1992 DR3	*	1992 02 26.20271	10 08 46.73	+16 25 14.5	19.2 V	691
1992 DR3		1992 02 26.22392	10 08 45.33	+16 25 13.4		691
1992 DR3		1992 02 26.24674	10 08 43.80	+16 25 12.9		691
1992 DR3		1992 03 07.30205	09 58 35.22	+16 11 24.5		691
1992 DR3		1992 03 07.32323	09 58 33.99	+16 11 22.0		691
1992 DR3		1992 03 07.34412	09 58 32.78	+16 11 19.5	20.1 V	691
1992 DS3	*	1992 02 26.27624	10 18 53.55	+16 15 40.2		691
1992 DS3		1992 02 26.30144	10 18 51.86	+16 15 46.0		691
1992 DS3		1992 02 26.32655	10 18 50.04	+16 15 51.1	20.7 V	691
1992 DS3		1992 03 06.22542	10 09 12.98	+16 42 35.7		691
1992 DS3		1992 03 06.25487	10 09 11.09	+16 42 39.6	20.6 V	691
1992 DS3		1992 03 06.27590	10 09 09.74	+16 42 42.9		691
1992 DT3	*	1992 02 28.19516	09 58 45.08	+13 21 38.8	18.9 V	691
1992 DT3		1992 02 28.21247	09 58 44.23	+13 21 51.1		691
1992 DT3		1992 02 28.22955	09 58 43.42	+13 22 02.9		691
1992 DT3		1992 03 11.17708	09 50 41.37	+15 33 10.9	19.4 V	691
1992 DT3		1992 03 11.19790	09 50 40.60	+15 33 23.1		691
1992 DT3		1992 03 11.21872	09 50 39.86	+15 33 36.0		691
1992 DU3	*	1992 02 29.22872	10 49 33.97	+10 00 30.5		691
1992 DU3		1992 02 29.24928	10 49 32.58	+10 00 34.6	20.7 V	691
1992 DU3		1992 02 29.27700	10 49 30.75	+10 00 41.4		691
1992 DU3		1992 03 11.30527	10 38 03.16	+10 37 12.0	21.3 V	691
1992 DU3		1992 03 11.32622	10 38 01.90	+10 37 14.9		691
1992 DU3		1992 03 11.34675	10 38 00.63	+10 37 18.3		691
1992 DV3	*	1992 02 29.22899	10 49 57.13	+10 32 13.0		691
1992 DV3		1992 02 29.24955	10 49 55.78	+10 32 15.2		691
1992 DV3		1992 02 29.27727	10 49 54.00	+10 32 17.5	20.1 V	691
1992 DV3		1992 03 11.30552	10 38 25.03	+10 46 41.5		691
1992 DV3		1992 03 11.32647	10 38 23.76	+10 46 42.5	20.8 V	691
1992 DV3		1992 03 11.34700	10 38 22.51	+10 46 43.9		691
1992 DW3	*	1992 02 29.32253	10 37 29.75	+08 06 08.4		691
1992 DW3		1992 02 29.35752	10 37 27.68	+08 06 21.3	20.3 V	691
1992 DW3		1992 02 29.37835	10 37 26.47	+08 06 29.7		691
1992 DW3		1992 03 06.36564	10 31 55.22	+08 44 38.8		691
1992 DW3		1992 03 06.38589	10 31 54.04	+08 44 46.2		691
1992 DW3		1992 03 06.40631	10 31 52.95	+08 44 53.8	21.2 V	691
1992 DX3	*	1992 02 29.32458	10 40 27.21	+07 54 54.4		691
1992 DX3		1992 02 29.35957	10 40 25.54	+07 55 11.3		691
1992 DX3		1992 02 29.38041	10 40 24.55	+07 55 21.6	20.7 V	691
1992 DX3		1992 03 06.36838	10 35 52.75	+08 44 20.4	21.2 V	691
1992 DX3		1992 03 06.38864	10 35 51.86	+08 44 31.0		691
1992 DX3		1992 03 06.40906	10 35 50.96	+08 44 39.0		691
1992 DY3	*	1992 02 29.32477	10 40 43.22	+08 04 56.4		691
1992 DY3		1992 02 29.35975	10 40 40.93	+08 05 00.3		691
1992 DY3		1992 02 29.38058	10 40 39.62	+08 05 02.6	18.3 V	691
1992 DY3		1992 03 11.23715	10 29 41.77	+08 26 23.8		691
1992 DY3		1992 03 11.25744	10 29 40.56	+08 26 26.4	18.9 V	691
1992 DY3		1992 03 11.27781	10 29 39.34	+08 26 28.6		691
1992 DZ3	*	1992 02 29.32514	10 41 15.22	+08 03 31.1		691
1992 DZ3		1992 02 29.36012	10 41 13.20	+08 03 37.1	20.1 V	691
1992 DZ3		1992 02 29.38096	10 41 12.00	+08 03 40.7		691
1992 DZ3		1992 03 11.23821	10 31 13.51	+08 34 24.8		691
1992 DZ3		1992 03 11.25850	10 31 12.46	+08 34 28.2		691
1992 DZ3		1992 03 11.27887	10 31 11.34	+08 34 30.8	20.4 V	691
1992 DA4	*	1992 02 29.32793	10 45 17.19	+07 53 07.0		691
1992 DA4		1992 02 29.36292	10 45 15.12	+07 53 16.4		691
1992 DA4		1992 02 29.38375	10 45 13.86	+07 53 21.5	18.4 V	691
1992 DA4		1992 03 11.24097	10 35 13.02	+08 35 07.4		691

1992 DA4		1992 03	11.26126	10 35	11.90	+08 35	11.6	18.8 V	691
1992 DA4		1992 03	11.28164	10 35	10.78	+08 35	15.8		691
1992 DB4	*	1992 02	29.32949	10 47	32.01	+07 53	22.9	19.9 V	691
1992 DB4		1992 02	29.36448	10 47	30.17	+07 53	32.4		691
1992 DB4		1992 02	29.38531	10 47	29.17	+07 53	37.9		691
1992 DB4		1992 03	11.24339	10 38	42.36	+08 40	49.7		691
1992 DB4		1992 03	11.26368	10 38	41.41	+08 40	54.5	20.2 V	691
1992 DB4		1992 03	11.28406	10 38	40.40	+08 40	59.5		691
1992 DC4	*	1992 02	29.33309	10 52	44.35	+07 55	02.8		691
1992 DC4		1992 02	29.36809	10 52	42.82	+07 55	12.9		691
1992 DC4		1992 02	29.38892	10 52	41.90	+07 55	18.7	20.1 V	691
1992 DC4		1992 03	11.24780	10 45	04.71	+08 44	54.2		691
1992 DC4		1992 03	11.26810	10 45	03.82	+08 44	59.6	20.2 V	691
1992 DC4		1992 03	11.28847	10 45	02.94	+08 45	05.0		691
1992 DD4	*	1992 02	29.33319	10 52	53.18	+07 42	48.3		691
1992 DD4		1992 02	29.36818	10 52	51.37	+07 43	02.8	19.3 V	691
1992 DD4		1992 02	29.38902	10 52	50.29	+07 43	11.2		691
1992 DD4		1992 03	11.24708	10 44	01.73	+08 55	33.3		691
1992 DD4		1992 03	11.26737	10 44	00.78	+08 55	41.2	19.3 V	691
1992 DD4		1992 03	11.28774	10 43	59.80	+08 55	48.8		691
1992 DE4	*	1992 02	29.33471	10 55	04.24	+07 49	09.5	19.6 V	691
1992 DE4		1992 02	29.36970	10 55	02.43	+07 49	21.7		691
1992 DE4		1992 02	29.39053	10 55	01.37	+07 49	28.3		691
1992 DE4		1992 03	11.24854	10 46	08.76	+08 47	42.5		691
1992 DE4		1992 03	11.26884	10 46	07.80	+08 47	48.3	19.6 V	691
1992 DE4		1992 03	11.28921	10 46	06.79	+08 47	54.7		691
1992 DF4	*	1992 02	29.33496	10 55	25.84	+08 05	47.1	19.8 V	691
1992 DF4		1992 02	29.36995	10 55	24.08	+08 06	00.0		691
1992 DF4		1992 02	29.39078	10 55	23.06	+08 06	07.0		691
1992 DF4		1992 03	06.37857	10 50	35.31	+08 40	31.8		691
1992 DF4		1992 03	06.39883	10 50	34.32	+08 40	38.5		691
1992 DF4		1992 03	06.41925	10 50	33.31	+08 40	45.9	20.2 V	691
1992 DG4	*	1992 02	29.33682	10 58	07.22	+08 08	21.4	19.8 V	691
1992 DG4		1992 02	29.37181	10 58	05.36	+08 08	47.4		691
1992 DG4		1992 02	29.39265	10 58	04.29	+08 09	02.4		691
1992 DG4		1992 03	05.36687	10 53	48.00	+09 10	04.4		691
1992 DG4		1992 03	05.39034	10 53	46.72	+09 10	21.3	20.1 V	691
1992 DG4		1992 03	05.41292	10 53	45.47	+09 10	38.2		691
1992 DJ4		1992 01	31.40587	09 55	24.99	+21 34	19.9		691
1992 DJ4		1992 01	31.43596	09 55	23.14	+21 34	27.1	18.0 V	691
1992 DJ4		1992 01	31.46572	09 55	21.33	+21 34	34.7		691
1992 DM4	*	1992 02	24.40474	10 51	52.15	+09 28	32.0		691
1992 DM4		1992 02	24.42554	10 51	51.11	+09 28	36.9	19.0 V	691
1992 DM4		1992 02	24.44643	10 51	50.08	+09 28	42.4		691
1992 DM4		1992 03	11.30584	10 38	52.48	+10 41	01.6		691
1992 DM4		1992 03	11.32679	10 38	51.43	+10 41	07.8		691
1992 DM4		1992 03	11.34732	10 38	50.41	+10 41	13.8	20.8 V	691
1992 DN4	*	1992 02	25.42983	10 47	11.35	+08 11	45.2		691
1992 DN4		1992 02	25.46761	10 47	08.97	+08 11	57.0	19.8 V	691
1992 DN4		1992 02	25.48821	10 47	07.71	+08 12	04.2		691
1992 DN4		1992 03	06.36910	10 36	54.65	+09 05	51.8		691
1992 DN4		1992 03	06.38935	10 36	53.46	+09 05	54.4	19.7 V	691
1992 DN4		1992 03	06.40976	10 36	52.06	+09 06	04.4		691
1992 ER		1991 12	02.47472	11 35	08.87	+08 23	19.2		691
1992 ER		1991 12	02.49532	11 35	10.58	+08 23	08.1	18.8 V	691
1992 ER		1991 12	02.52881	11 35	13.33	+08 22	49.9		691
1992 EA2	*	1992 03	05.35456	10 36	01.88	+09 39	59.1	19.3 V	691
1992 EA2		1992 03	05.37803	10 36	00.41	+09 40	03.2		691
1992 EA2		1992 03	05.40060	10 35	58.95	+09 40	07.0		691

1992 EA2		1992 03 06.28502	10 35 04.35	+09 42 53.5		691
1992 EA2		1992 03 06.30540	10 35 03.15	+09 42 57.5	19.4 V	691
1992 EA2		1992 03 06.34412	10 35 00.54	+09 43 04.5		691
1992 EB2	*	1992 03 05.35726	10 39 55.82	+09 07 03.2	19.6 V	691
1992 EB2		1992 03 05.38073	10 39 54.79	+09 07 11.7		691
1992 EB2		1992 03 05.40332	10 39 53.77	+09 07 19.5		691
1992 EB2		1992 03 06.37069	10 39 12.41	+09 13 16.7	19.6 V	691
1992 EB2		1992 03 06.39095	10 39 11.54	+09 13 24.5		691
1992 EB2		1992 03 06.41136	10 39 10.68	+09 13 31.2		691
1992 EC2	*	1992 03 05.35794	10 40 55.19	+09 37 08.7	20.4 V	691
1992 EC2		1992 03 05.38141	10 40 53.76	+09 37 15.7		691
1992 EC2		1992 03 05.40399	10 40 52.42	+09 37 21.7		691
1992 EC2		1992 03 06.28844	10 40 00.56	+09 41 43.2	20.4 V	691
1992 EC2		1992 03 06.30882	10 39 59.26	+09 41 48.4		691
1992 EC2		1992 03 06.34754	10 39 56.95	+09 42 00.6		691
1992 ED2	*	1992 03 05.35829	10 41 25.01	+09 35 36.0	20.1 V	691
1992 ED2		1992 03 05.38176	10 41 24.07	+09 35 56.6		691
1992 ED2		1992 03 05.40435	10 41 23.17	+09 36 16.7		691
1992 ED2		1992 03 06.28901	10 40 49.77	+09 49 26.3		691
1992 ED2		1992 03 06.30939	10 40 48.95	+09 49 44.7		691
1992 ED2		1992 03 06.34812	10 40 47.34	+09 50 18.9	20.1 V	691
1992 EE2	*	1992 03 05.36804	10 55 29.71	+09 06 31.0		691
1992 EE2		1992 03 05.39151	10 55 28.57	+09 06 37.7		691
1992 EE2		1992 03 05.41409	10 55 27.38	+09 06 45.3	20.4 V	691
1992 EE2		1992 03 06.38141	10 54 40.72	+09 11 51.4		691
1992 EE2		1992 03 06.40166	10 54 39.72	+09 11 56.6		691
1992 EE2		1992 03 06.42208	10 54 38.69	+09 12 04.1	20.1 V	691
1992 EF2	*	1992 03 05.36909	10 57 01.00	+09 26 32.0	17.8 V	691
1992 EF2		1992 03 05.39257	10 56 59.75	+09 26 49.1		691
1992 EF2		1992 03 05.41515	10 56 58.58	+09 27 06.0		691
1992 EF2		1992 03 11.31498	10 52 04.42	+10 39 22.7	18.0 V	691
1992 EF2		1992 03 11.33593	10 52 03.34	+10 39 37.8		691
1992 EF2		1992 03 11.35647	10 52 02.28	+10 39 52.7		691
1992 EG2	*	1992 03 06.21419	09 53 00.82	+16 32 01.0		691
1992 EG2		1992 03 06.24365	09 52 59.27	+16 32 03.4	20.1 V	691
1992 EG2		1992 03 06.26468	09 52 58.16	+16 32 05.4		691
1992 EG2		1992 03 07.29756	09 52 06.21	+16 33 38.3		691
1992 EG2		1992 03 07.31874	09 52 05.10	+16 33 39.3	20.7 V	691
1992 EG2		1992 03 07.33963	09 52 04.05	+16 33 41.0		691
1992 EH2	*	1992 03 06.21561	09 55 02.99	+16 20 39.3	20.1 V	691
1992 EH2		1992 03 06.24506	09 55 01.53	+16 20 51.0		691
1992 EH2		1992 03 06.26610	09 55 00.52	+16 20 59.1		691
1992 EH2		1992 03 07.29904	09 54 14.50	+16 27 52.6	20.4 V	691
1992 EH2		1992 03 07.32022	09 54 13.44	+16 28 00.9		691
1992 EH2		1992 03 07.34112	09 54 12.54	+16 28 09.8		691
1992 EJ2	*	1992 03 06.22155	10 03 37.71	+16 19 49.8		691
1992 EJ2		1992 03 06.25100	10 03 35.98	+16 19 58.1		691
1992 EJ2		1992 03 06.27204	10 03 34.77	+16 20 02.7	20.7 V	691
1992 EJ2		1992 03 07.30485	10 02 37.16	+16 24 06.7		691
1992 EJ2		1992 03 07.32602	10 02 35.90	+16 24 12.1	20.7 V	691
1992 EJ2		1992 03 07.34692	10 02 34.72	+16 24 16.8		691
1992 EK2	*	1992 03 06.22237	10 04 49.02	+16 21 25.8	18.2 V	691
1992 EK2		1992 03 06.25183	10 04 47.41	+16 21 30.2		691
1992 EK2		1992 03 06.27286	10 04 46.28	+16 21 33.2		691
1992 EK2		1992 03 11.37771	10 00 45.29	+16 31 24.8	18.3 V	691
1992 EK2		1992 03 11.39067	10 00 44.70	+16 31 25.7		691
1992 EK2		1992 03 11.40351	10 00 44.13	+16 31 26.8		691
1992 EL2	*	1992 03 06.22279	10 05 25.61	+16 38 22.5		691
1992 EL2		1992 03 06.25225	10 05 23.99	+16 38 23.5	19.6 V	691

1992 EL2		1992 03 06.27328	10 05 22.84	+16 38 24.3		691
1992 EL2		1992 03 07.30613	10 04 28.27	+16 38 44.6	19.9 V	691
1992 EL2		1992 03 07.32731	10 04 27.15	+16 38 44.3		691
1992 EL2		1992 03 07.34820	10 04 26.03	+16 38 44.8		691
1992 EL2		1992 03 11.37791	10 01 02.83	+16 38 56.1	19.9 V	691
1992 EL2		1992 03 11.39087	10 01 02.20	+16 38 55.9		691
1992 EL2		1992 03 11.40371	10 01 01.57	+16 38 55.4		691
1992 EM2	*	1992 03 06.28782	10 39 07.12	+09 50 21.3	19.8 V	691
1992 EM2		1992 03 06.30820	10 39 05.86	+09 50 30.6		691
1992 EM2		1992 03 06.34692	10 39 03.71	+09 50 48.0		691
1992 EM2		1992 03 11.30285	10 34 33.35	+10 27 08.5		691
1992 EM2		1992 03 11.32380	10 34 32.20	+10 27 16.8	20.1 V	691
1992 EM2		1992 03 11.34433	10 34 31.08	+10 27 25.8		691
1992 EN2	*	1992 03 06.28788	10 39 11.93	+10 00 06.5		691
1992 EN2		1992 03 06.30826	10 39 10.71	+10 00 15.8	20.3 V	691
1992 EN2		1992 03 06.34698	10 39 08.63	+10 00 33.3		691
1992 EN2		1992 03 11.30312	10 34 57.13	+10 36 28.2	20.3 V	691
1992 EN2		1992 03 11.32407	10 34 56.03	+10 36 36.2		691
1992 EN2		1992 03 11.34460	10 34 54.99	+10 36 45.2		691
1992 EO2	*	1992 03 06.28849	10 40 05.46	+10 01 32.8		691
1992 EO2		1992 03 06.30888	10 40 04.18	+10 01 38.9	20.6 V	691
1992 EO2		1992 03 06.34760	10 40 01.91	+10 01 49.9		691
1992 EO2		1992 03 11.30341	10 35 22.39	+10 24 42.8		691
1992 EO2		1992 03 11.32436	10 35 21.17	+10 24 47.8	21.0 V	691
1992 EO2		1992 03 11.34489	10 35 19.99	+10 24 53.6		691
1992 EP2	*	1992 03 06.29116	10 43 56.38	+10 03 40.3		691
1992 EP2		1992 03 06.31154	10 43 55.35	+10 03 49.9	19.1 V	691
1992 EP2		1992 03 06.35026	10 43 52.94	+10 04 08.5		691
1992 EP2		1992 03 11.30623	10 39 26.80	+10 43 18.7	18.7 V	691
1992 EP2		1992 03 11.32718	10 39 25.65	+10 43 28.8		691
1992 EP2		1992 03 11.34772	10 39 24.59	+10 43 37.8		691
1992 EQ2	*	1992 03 06.37898	10 51 10.29	+08 57 42.2		691
1992 EQ2		1992 03 06.39923	10 51 08.92	+08 57 40.0	20.8 V	691
1992 EQ2		1992 03 06.41964	10 51 07.50	+08 57 39.0		691
1992 EQ2		1992 03 11.24825	10 45 43.12	+08 49 18.6	20.6 V	691
1992 EQ2		1992 03 11.26854	10 45 41.79	+08 49 16.5		691
1992 EQ2		1992 03 11.28890	10 45 40.38	+08 49 14.2		691
1992 ER2	*	1992 03 06.37978	10 52 19.76	+08 39 20.5	19.4 V	691
1992 ER2		1992 03 06.40003	10 52 18.66	+08 39 23.0		691
1992 ER2		1992 03 06.42045	10 52 17.55	+08 39 25.4		691
1992 ER2		1992 03 11.24986	10 48 02.48	+08 48 54.3		691
1992 ER2		1992 03 11.27015	10 48 01.41	+08 48 56.5	19.5 V	691
1992 ER2		1992 03 11.29052	10 48 00.36	+08 48 58.9		691
1992 ES2	*	1992 03 06.38237	10 56 04.17	+08 44 40.6		691
1992 ES2		1992 03 06.40262	10 56 02.84	+08 44 43.6	20.2 V	691
1992 ES2		1992 03 06.42303	10 56 01.53	+08 44 46.3		691
1992 ES2		1992 03 11.25191	10 51 00.54	+08 57 04.3	20.0 V	691
1992 ES2		1992 03 11.27220	10 50 59.23	+08 57 07.3		691
1992 ES2		1992 03 11.29257	10 50 57.93	+08 57 10.5		691
1992 ET2	*	1992 03 07.29617	09 50 06.17	+16 16 30.5		691
1992 ET2		1992 03 07.31735	09 50 05.15	+16 16 32.5	19.3 V	691
1992 ET2		1992 03 07.33825	09 50 04.14	+16 16 34.4		691
1992 ET2		1992 03 11.36854	09 47 17.92	+16 21 38.3		691
1992 ET2		1992 03 11.38150	09 47 17.38	+16 21 38.8		691
1992 ET2		1992 03 11.39434	09 47 16.90	+16 21 38.9	19.4 V	691
1992 EU2	*	1992 03 07.30321	10 00 15.35	+16 17 36.3	20.4 V	691
1992 EU2		1992 03 07.32438	10 00 14.01	+16 17 39.7		691
1992 EU2		1992 03 07.34528	10 00 12.67	+16 17 42.9		691
1992 EU2		1992 03 11.37462	09 56 18.45	+16 26 39.6	20.2 V	691

1992 EU2		1992 03 11.38759	09 56 17.70	+16 26 40.2		691
1992 EU2		1992 03 11.40043	09 56 16.98	+16 26 42.1		691
1992 EV2	*	1992 03 05.36840	10 56 01.02	+09 35 00.3		691
1992 EV2		1992 03 05.39187	10 55 59.63	+09 35 13.3		691
1992 EV2		1992 03 05.41445	10 55 58.30	+09 35 25.9	19.8 V	691
1992 EV2		1992 03 06.29892	10 55 08.14	+09 43 29.5	19.7 V	691
1992 EV2		1992 03 06.35802	10 55 04.58	+09 44 01.8		691
1992 EW2	*	1992 03 06.29763	10 53 17.00	+10 11 42.9		691
1992 EW2		1992 03 06.35673	10 53 13.37	+10 12 01.6	19.6 V	691
1992 EW2		1992 03 11.31241	10 48 21.41	+10 37 39.0		691
1992 EW2		1992 03 11.33336	10 48 20.17	+10 37 45.2	19.8 V	691
1992 EW2		1992 03 11.35389	10 48 18.93	+10 37 51.3		691
1992 EX2	*	1992 03 06.29988	10 56 31.34	+10 08 25.5	18.7 V	691
1992 EX2		1992 03 06.35898	10 56 27.92	+10 08 49.0		691
1992 EX2		1992 03 11.31493	10 51 59.86	+10 40 58.3	19.0 V	691
1992 EX2		1992 03 11.33588	10 51 58.70	+10 41 05.7		691
1992 EX2		1992 03 11.35641	10 51 57.63	+10 41 13.5		691
1992 FF		1992 03 26.27569	12 21 06.37	+00 13 02.5	16.8 V	691
1992 FF		1992 03 26.29600	12 21 05.40	+00 13 07.5		691
1992 FF		1992 03 26.31650	12 21 04.43	+00 13 13.4		691
1992 FG		1992 03 26.27573	12 21 09.77	-00 04 32.8	17.0 V	691
1992 FG		1992 03 26.29604	12 21 08.39	-00 04 29.2		691
1992 FG		1992 03 26.31653	12 21 07.00	-00 04 25.7		691
1992 FN		1992 04 09.19430	12 15 08.28	-01 28 45.8	17.4 V	691
1992 FN		1992 04 09.21864	12 15 07.07	-01 28 36.8		691
1992 FN		1992 04 09.23924	12 15 06.02	-01 28 29.3		691
1992 FT		1992 03 30.31875	12 33 18.82	-00 55 45.7	16.9 V	691
1992 FT		1992 03 30.33894	12 33 17.61	-00 55 36.8		691
1992 FT		1992 03 30.36617	12 33 15.97	-00 55 24.5		691
1992 FD1		1992 03 30.31844	12 32 52.29	-00 52 04.0		691
1992 FD1		1992 03 30.33863	12 32 51.01	-00 52 00.5		691
1992 FD1		1992 03 30.36586	12 32 49.28	-00 51 55.3	17.2 V	691
1992 FT1		1992 03 25.31570	12 29 02.12	-05 39 32.8	16.3 V	691
1992 FT1		1992 03 25.33606	12 29 00.85	-05 39 30.7		691
1992 FG2	*	1992 03 26.19298	11 33 56.62	+00 45 24.8	17.6 V	691
1992 FG2		1992 03 26.21308	11 33 55.40	+00 45 30.1		691
1992 FG2		1992 03 26.23397	11 33 54.13	+00 45 35.2		691
1992 FG2		1992 04 07.15136	11 23 30.71	+01 27 10.6	18.3 V	691
1992 FG2		1992 04 07.17616	11 23 29.54	+01 27 15.0		691
1992 FG2		1992 04 07.20384	11 23 28.25	+01 27 19.4		691
1992 FH2	*	1992 03 26.19361	11 34 50.95	+00 24 33.4		691
1992 FH2		1992 03 26.21371	11 34 49.93	+00 24 39.3	19.9 V	691
1992 FH2		1992 03 26.23460	11 34 48.88	+00 24 46.2		691
1992 FH2		1992 04 07.15307	11 25 59.28	+01 20 49.9		691
1992 FH2		1992 04 07.17788	11 25 58.16	+01 20 57.8		691
1992 FH2		1992 04 07.20555	11 25 57.02	+01 21 05.6	20.4 V	691
1992 FJ2	*	1992 03 26.19552	11 37 36.70	+00 52 30.6	18.8 V	691
1992 FJ2		1992 03 26.21562	11 37 35.73	+00 52 33.3		691
1992 FJ2		1992 03 26.23651	11 37 34.70	+00 52 36.7		691
1992 FJ2		1992 04 07.15502	11 28 47.77	+01 20 16.0	19.4 V	691
1992 FJ2		1992 04 07.17982	11 28 46.72	+01 20 19.1		691
1992 FJ2		1992 04 07.20750	11 28 45.59	+01 20 22.6		691
1992 FK2	*	1992 03 26.19694	11 39 39.77	+00 21 59.2	19.5 V	691
1992 FK2		1992 03 26.21704	11 39 38.75	+00 22 05.3		691
1992 FK2		1992 03 26.23793	11 39 37.64	+00 22 10.2		691
1992 FK2		1992 04 07.15623	11 30 32.68	+01 09 53.9	20.5 V	691
1992 FK2		1992 04 07.18103	11 30 31.61	+01 10 00.0		691
1992 FK2		1992 04 07.20871	11 30 30.45	+01 10 05.7		691
1992 FL2	*	1992 03 26.19694	11 39 39.86	+00 39 24.0	19.0 V	691

1992 FL2		1992 03 26.21704	11 39 38.85	+00 39 29.2		691
1992 FL2		1992 03 26.23793	11 39 37.81	+00 39 34.2		691
1992 FL2		1992 04 07.15644	11 30 50.85	+01 24 16.1	19.8 V	691
1992 FL2		1992 04 07.18124	11 30 49.85	+01 24 21.4		691
1992 FL2		1992 04 07.20892	11 30 48.74	+01 24 26.7		691
1992 FM2	*	1992 03 26.19970	11 43 38.70	+00 27 24.5	18.0 V	691
1992 FM2		1992 03 26.21980	11 43 37.46	+00 27 30.7		691
1992 FM2		1992 03 26.24069	11 43 36.15	+00 27 37.6		691
1992 FM2		1992 04 07.15776	11 32 44.80	+01 28 44.3	18.8 V	691
1992 FM2		1992 04 07.18256	11 32 43.54	+01 28 50.9		691
1992 FM2		1992 04 07.21023	11 32 42.14	+01 28 58.5		691
1992 FN2	*	1992 03 26.20172	11 46 33.45	+00 37 12.0	18.8 V	691
1992 FN2		1992 03 26.22182	11 46 32.52	+00 37 17.2		691
1992 FN2		1992 03 26.24271	11 46 31.61	+00 37 24.5		691
1992 FN2		1992 04 07.16179	11 38 34.06	+01 29 23.2		691
1992 FN2		1992 04 07.18659	11 38 33.20	+01 29 29.4	20.0 V	691
1992 FN2		1992 04 07.21427	11 38 32.16	+01 29 35.2		691
1992 FO2	*	1992 03 26.20559	11 52 08.80	+00 48 21.6		691
1992 FO2		1992 03 26.22569	11 52 07.53	+00 48 23.5	18.2 V	691
1992 FO2		1992 03 26.24658	11 52 06.22	+00 48 24.9		691
1992 FO2		1992 04 07.16328	11 40 43.54	+01 00 29.5		691
1992 FO2		1992 04 07.18808	11 40 42.20	+01 00 31.0	19.2 V	691
1992 FO2		1992 04 07.21576	11 40 40.69	+01 00 31.5		691
1992 GE1		1992 03 25.37228	12 49 45.64	-04 38 00.1	17.1 V	691
1992 GE1		1992 03 25.39259	12 49 44.44	-04 37 55.0		691
1992 GP1	*	1992 04 01.34219	10 06 56.04	+05 02 28.6	19.0 V	691
1992 GP1		1992 04 01.36318	10 06 55.58	+05 02 31.1		691
1992 GP1		1992 04 04.27629	10 05 54.62	+05 08 01.0		691
1992 GP1		1992 04 04.29718	10 05 54.22	+05 08 03.2	19.0 V	691
1992 GP1		1992 04 04.31733	10 05 53.81	+05 08 05.4		691
1992 GQ1	*	1992 04 04.34463	13 17 01.12	-06 16 17.8		691
1992 GQ1		1992 04 04.37410	13 16 59.59	-06 16 03.7	20.6 V	691
1992 GQ1		1992 04 04.41991	13 16 57.19	-06 15 41.4		691
1992 GQ1		1992 04 07.33010	13 14 38.07	-05 52 52.9		691
1992 GQ1		1992 04 07.35433	13 14 36.87	-05 52 41.1	20.3 V	691
1992 GQ1		1992 04 07.37875	13 14 35.64	-05 52 29.3		691
1992 GR1	*	1992 04 05.33194	13 20 54.35	-07 21 44.5		691
1992 GR1		1992 04 05.35279	13 20 53.26	-07 21 40.2		691
1992 GR1		1992 04 05.37288	13 20 52.18	-07 21 36.0	20.0 V	691
1992 GR1		1992 04 09.27718	13 17 28.30	-07 07 58.8	19.7 V	691
1992 GR1		1992 04 09.30152	13 17 26.94	-07 07 53.9		691
1992 GR1		1992 04 09.32618	13 17 25.67	-07 07 49.2		691
1992 GS1	*	1992 04 05.33207	13 21 05.92	-07 29 18.4	18.8 V	691
1992 GS1		1992 04 05.35292	13 21 04.95	-07 29 11.9		691
1992 GS1		1992 04 05.37301	13 21 04.03	-07 29 04.8		691
1992 GS1		1992 04 09.27769	13 18 12.45	-07 08 01.0	18.8 V	691
1992 GS1		1992 04 09.30203	13 18 11.35	-07 07 53.2		691
1992 GS1		1992 04 09.32670	13 18 10.22	-07 07 45.2		691
1992 GS1		1992 04 29.14315	13 04 35.05	-05 28 05.0	19.6 V	691
1992 GS1		1992 04 29.16344	13 04 34.30	-05 27 59.6		691
1992 GS1		1992 04 29.18493	13 04 33.53	-05 27 54.1		691
1992 GT1	*	1992 04 05.33284	13 22 12.25	-07 41 13.5		691
1992 GT1		1992 04 05.35368	13 22 10.99	-07 41 06.8	20.2 V	691
1992 GT1		1992 04 05.37377	13 22 09.85	-07 41 00.1		691
1992 GT1		1992 04 09.27786	13 18 27.03	-07 20 39.3	19.6 V	691
1992 GT1		1992 04 09.30220	13 18 25.59	-07 20 32.0		691
1992 GT1		1992 04 09.32686	13 18 24.11	-07 20 24.7		691
1992 GU1	*	1992 04 05.39307	13 19 07.01	-07 54 07.4	19.1 V	691
1992 GU1		1992 04 05.41548	13 19 05.83	-07 53 58.0		691

1992	GU1		1992	04	05.43766	13	19	04.64	-07	53	49.2		691
1992	GU1		1992	04	09.27599	13	15	44.80	-07	28	06.0	18.5 V	691
1992	GU1		1992	04	09.30032	13	15	43.45	-07	27	56.5		691
1992	GU1		1992	04	09.32499	13	15	42.07	-07	27	46.6		691
1992	GV1	*	1992	04	05.39529	13	22	39.46	-07	50	19.3		691
1992	GV1		1992	04	05.41770	13	22	38.43	-07	50	13.7	17.8 V	691
1992	GV1		1992	04	05.43988	13	22	37.39	-07	50	08.1		691
1992	GV1		1992	04	09.27874	13	19	43.55	-07	34	13.7	17.5 V	691
1992	GV1		1992	04	09.30308	13	19	42.39	-07	34	08.0		691
1992	GV1		1992	04	09.32775	13	19	41.19	-07	34	02.1		691
1992	GW1	*	1992	04	08.45031	15	27	16.39	-09	46	15.2		691
1992	GW1		1992	04	08.47299	15	27	15.67	-09	46	10.5		691
1992	GW1		1992	04	08.49614	15	27	14.97	-09	46	04.3	20.2 V	691
1992	GW1		1992	04	09.39460	15	26	46.99	-09	42	30.5		691
1992	GW1		1992	04	09.40412	15	26	46.63	-09	42	28.2	20.0 V	691
1992	GW1		1992	04	09.41348	15	26	46.35	-09	42	26.4		691
1992	GX1	*	1992	04	05.39333	13	19	49.71	-07	49	23.0		691
1992	GX1		1992	04	05.41574	13	19	48.55	-07	49	17.1	20.0 V	691
1992	GX1		1992	04	05.43792	13	19	47.37	-07	49	11.0		691
1992	GX1		1992	04	09.27652	13	16	30.57	-07	32	15.8	19.8 V	691
1992	GX1		1992	04	09.32552	13	16	27.91	-07	32	03.1		691
1992	HF		1992	05	09.19132	13	52	08.78	-00	21	47.1		691
1992	HF		1992	05	09.19810	13	52	07.25	-00	21	20.0		691
1992	HF		1992	06	02.23668	12	01	35.43	+30	15	11.6	20.3 V	691
1992	HG		1992	04	24.38796	14	18	28.08	-13	52	33.6	17.1 V	691
1992	HG		1992	04	24.40954	14	18	27.08	-13	52	25.8		691
1992	HG		1992	04	24.43023	14	18	26.32	-13	52	18.2		691
1992	HG		1992	05	08.24063	14	08	19.51	-12	27	21.1	17.6 V	691
1992	HG		1992	05	08.26577	14	08	18.41	-12	27	11.8		691
1992	HG		1992	05	08.28917	14	08	17.42	-12	27	03.8		691
1992	HN	*	1992	04	29.28573	14	29	37.18	-09	38	27.8	16.7 V	691
1992	HN		1992	04	29.33809	14	29	33.81	-09	38	23.2		691
1992	HN		1992	05	03.18685	14	25	32.65	-09	33	35.9	17.0 V	691
1992	HN		1992	05	03.19595	14	25	32.04	-09	33	35.5		691
1992	HN		1992	05	03.20452	14	25	31.50	-09	33	35.0		691
1992	HN		1992	05	04.40251	14	24	16.89	-09	32	21.5		691
1992	HN		1992	05	04.41319	14	24	16.22	-09	32	20.2	17.3 V	691
1992	HN		1992	05	04.42371	14	24	15.56	-09	32	19.8		691
1992	HO	*	1992	04	23.29460	13	27	32.53	-04	26	55.1	20.3 V	691
1992	HO		1992	04	23.31485	13	27	31.45	-04	26	48.7		691
1992	HO		1992	04	23.33504	13	27	30.36	-04	26	42.8		691
1992	HO		1992	04	28.20541	13	23	27.64	-04	03	32.4	20.1 V	691
1992	HO		1992	04	28.22584	13	23	26.60	-04	03	27.1		691
1992	HO		1992	04	28.24622	13	23	25.61	-04	03	21.6		691
1992	HP	*	1992	04	23.29462	13	27	33.49	-04	01	51.4		691
1992	HP		1992	04	23.31486	13	27	32.28	-04	01	49.2	19.7 V	691
1992	HP		1992	04	23.33505	13	27	31.09	-04	01	48.2		691
1992	HP		1992	04	28.20512	13	23	03.14	-03	55	13.9	19.4 V	691
1992	HP		1992	04	28.22556	13	23	01.98	-03	55	12.9		691
1992	HP		1992	04	28.24594	13	23	00.90	-03	55	11.2		691
1992	HQ	*	1992	04	23.29479	13	27	48.40	-04	13	40.7	19.5 V	691
1992	HQ		1992	04	23.31504	13	27	47.44	-04	13	34.9		691
1992	HQ		1992	04	23.33522	13	27	46.47	-04	13	30.1		691
1992	HQ		1992	04	28.20587	13	24	07.61	-03	53	18.9		691
1992	HQ		1992	04	28.22630	13	24	06.64	-03	53	13.4		691
1992	HQ		1992	04	28.24669	13	24	05.74	-03	53	09.2	19.2 V	691
1992	HR	*	1992	04	23.29486	13	27	54.48	-04	08	24.9	19.7 V	691
1992	HR		1992	04	23.31510	13	27	53.29	-04	08	20.7		691
1992	HR		1992	04	23.33529	13	27	52.12	-04	08	15.5		691

1992 HR		1992 04 28.20538	13 23 24.96	-03 53 37.7	19.4 V	691
1992 HR		1992 04 28.22581	13 23 23.83	-03 53 34.9		691
1992 HR		1992 04 28.24619	13 23 22.71	-03 53 31.4		691
1992 HS	*	1992 04 23.29591	13 29 25.78	-04 32 09.2		691
1992 HS		1992 04 23.31616	13 29 24.69	-04 32 02.5	19.8 V	691
1992 HS		1992 04 23.33635	13 29 23.64	-04 31 55.0		691
1992 HS		1992 04 28.20678	13 25 26.30	-04 05 42.7	19.3 V	691
1992 HS		1992 04 28.22721	13 25 25.28	-04 05 36.1		691
1992 HS		1992 04 28.24759	13 25 24.27	-04 05 30.3		691
1992 HT	*	1992 04 23.29854	13 33 13.40	-04 24 49.5		691
1992 HT		1992 04 23.31879	13 33 12.35	-04 24 40.0	19.8 V	691
1992 HT		1992 04 23.33897	13 33 11.29	-04 24 30.8		691
1992 HT		1992 04 28.20945	13 29 18.17	-03 48 50.7	19.5 V	691
1992 HT		1992 04 28.22989	13 29 17.19	-03 48 43.0		691
1992 HT		1992 04 28.25027	13 29 16.21	-03 48 34.1		691
1992 HU	*	1992 04 23.29907	13 33 59.00	-04 07 46.0	18.0 V	691
1992 HU		1992 04 23.31931	13 33 57.71	-04 07 39.1		691
1992 HU		1992 04 23.33950	13 33 56.56	-04 07 31.8		691
1992 HU		1992 04 28.20948	13 29 20.61	-03 40 52.5	18.0 V	691
1992 HU		1992 04 28.22992	13 29 19.43	-03 40 46.5		691
1992 HU		1992 04 28.25029	13 29 18.26	-03 40 39.7		691
1992 HV	*	1992 04 23.29936	13 34 24.49	-04 28 09.0	20.4 V	691
1992 HV		1992 04 23.31961	13 34 23.36	-04 28 02.4		691
1992 HV		1992 04 23.33979	13 34 22.23	-04 27 57.0		691
1992 HV		1992 04 28.21002	13 30 07.28	-04 04 19.8	20.2 V	691
1992 HV		1992 04 28.23045	13 30 06.17	-04 04 14.5		691
1992 HV		1992 04 28.25083	13 30 05.08	-04 04 08.9		691
1992 HW	*	1992 04 23.29970	13 34 54.10	-04 14 32.6	19.5 V	691
1992 HW		1992 04 23.31995	13 34 53.17	-04 14 26.8		691
1992 HW		1992 04 23.34014	13 34 52.26	-04 14 20.9		691
1992 HW		1992 04 28.21090	13 31 23.73	-03 50 54.2		691
1992 HW		1992 04 28.23134	13 31 22.83	-03 50 48.5	19.1 V	691
1992 HW		1992 04 28.25172	13 31 21.96	-03 50 42.9		691
1992 HX	*	1992 04 24.32383	14 18 49.72	-13 17 41.6	19.2 V	691
1992 HX		1992 04 24.34459	14 18 48.70	-13 17 36.9		691
1992 HX		1992 04 24.36645	14 18 47.61	-13 17 32.1		691
1992 HX		1992 05 08.24013	14 07 35.87	-12 25 49.7	19.3 V	691
1992 HX		1992 05 08.26527	14 07 34.66	-12 25 44.7		691
1992 HX		1992 05 08.28866	14 07 33.54	-12 25 39.6		691
1992 HY	*	1992 04 24.32388	14 18 57.43	-13 29 51.8	17.6 V	691
1992 HY		1992 04 24.34464	14 18 56.20	-13 29 45.7		691
1992 HY		1992 04 24.36650	14 18 54.93	-13 29 39.0		691
1992 HY		1992 05 08.23923	14 06 17.97	-12 21 28.8		691
1992 HY		1992 05 08.26437	14 06 16.64	-12 21 21.0	18.1 V	691
1992 HY		1992 05 08.28776	14 06 15.42	-12 21 14.6		691
1992 HZ	*	1992 04 24.32447	14 20 15.16	-13 14 34.1	18.6 V	691
1992 HZ		1992 04 24.34523	14 20 13.76	-13 14 30.7		691
1992 HZ		1992 04 24.36708	14 20 12.32	-13 14 26.8		691
1992 HZ		1992 05 08.23856	14 05 19.99	-12 35 33.5	19.5 V	691
1992 HZ		1992 05 08.26369	14 05 18.42	-12 35 29.5		691
1992 HZ		1992 05 08.28708	14 05 16.90	-12 35 25.7		691
1992 HA1	*	1992 04 24.32450	14 20 17.34	-13 20 48.9	19.6 V	691
1992 HA1		1992 04 24.34525	14 20 16.14	-13 20 44.7		691
1992 HA1		1992 04 24.36711	14 20 14.91	-13 20 40.8		691
1992 HA1		1992 05 08.24051	14 08 08.54	-12 44 10.0		691
1992 HA1		1992 05 08.26564	14 08 07.21	-12 44 06.5	19.6 V	691
1992 HA1		1992 05 08.28903	14 08 06.00	-12 44 03.1		691
1992 HB1	*	1992 04 24.33502	14 35 28.41	-13 24 21.4	18.9 V	691
1992 HB1		1992 04 24.35577	14 35 27.20	-13 24 18.8		691

1992 HB1		1992 04 24.37763	14 35 25.99	-13 24 14.3		691
1992 HB1		1992 05 08.25075	14 22 55.54	-12 47 18.2	19.8 V	691
1992 HB1		1992 05 08.27588	14 22 54.17	-12 47 15.6		691
1992 HB1		1992 05 08.29927	14 22 52.89	-12 47 11.3		691
1992 HC1	*	1992 04 24.33592	14 36 46.45	-13 15 37.8		691
1992 HC1		1992 04 24.35667	14 36 45.20	-13 15 34.3		691
1992 HC1		1992 04 24.37853	14 36 43.90	-13 15 30.6	19.4 V	691
1992 HC1		1992 05 08.25103	14 23 19.73	-12 37 18.6	20.0 V	691
1992 HC1		1992 05 08.27616	14 23 18.23	-12 37 15.5		691
1992 HC1		1992 05 08.29955	14 23 16.83	-12 37 12.0		691
1992 HD1	*	1992 04 24.33697	14 38 17.98	-13 09 46.2	18.1 V	691
1992 HD1		1992 04 24.35773	14 38 16.99	-13 09 42.6		691
1992 HD1		1992 04 24.37959	14 38 15.91	-13 09 38.8		691
1992 HD1		1992 05 08.25374	14 27 15.01	-12 31 44.0	19.0 V	691
1992 HD1		1992 05 08.27888	14 27 13.80	-12 31 40.8		691
1992 HD1		1992 05 08.30227	14 27 12.64	-12 31 36.6		691
1992 HE1	*	1992 04 24.34041	14 43 15.69	-13 21 39.9	18.2 V	691
1992 HE1		1992 04 24.36117	14 43 14.60	-13 21 32.9		691
1992 HE1		1992 04 24.38302	14 43 13.44	-13 21 25.8		691
1992 HE1		1992 05 07.30380	14 32 01.59	-12 08 19.3	18.8 V	691
1992 HE1		1992 05 07.32930	14 32 00.18	-12 08 10.8	18.9 V	691
1992 HE1		1992 05 07.35427	14 31 58.80	-12 08 03.0		691
1992 HF1	*	1992 04 24.34110	14 44 15.81	-13 09 51.4	18.1 V	691
1992 HF1		1992 04 24.36186	14 44 14.44	-13 09 49.2		691
1992 HF1		1992 04 24.38371	14 44 13.02	-13 09 46.3		691
1992 HF1		1992 05 08.25531	14 29 31.08	-12 39 33.6		691
1992 HF1		1992 05 08.28045	14 29 29.60	-12 39 30.5	18.8 V	691
1992 HF1		1992 05 08.30383	14 29 28.07	-12 39 27.4		691
1992 HG1	*	1992 04 24.39143	14 24 09.05	-14 03 51.8	17.7 V	691
1992 HG1		1992 04 24.41301	14 24 07.84	-14 03 41.6		691
1992 HG1		1992 04 24.43369	14 24 06.71	-14 03 32.2		691
1992 HG1		1992 05 08.24343	14 12 21.82	-12 16 32.3		691
1992 HG1		1992 05 08.26857	14 12 20.56	-12 16 21.5		691
1992 HG1		1992 05 08.29196	14 12 19.39	-12 16 11.3		691
1992 HH1	*	1992 04 24.39177	14 24 38.45	-14 03 10.4		691
1992 HH1		1992 04 24.41335	14 24 37.36	-14 03 03.5	18.0 V	691
1992 HH1		1992 04 24.43403	14 24 36.30	-14 02 57.1		691
1992 HH1		1992 05 08.24418	14 13 26.52	-12 50 27.4	18.8 V	691
1992 HH1		1992 05 08.26931	14 13 25.30	-12 50 19.7		691
1992 HH1		1992 05 08.29271	14 13 24.19	-12 50 12.5		691
1992 HJ1	*	1992 04 25.23580	14 41 20.38	-12 34 14.9		691
1992 HJ1		1992 04 25.25630	14 41 19.23	-12 34 14.9	19.7 V	691
1992 HJ1		1992 04 25.27666	14 41 18.08	-12 34 15.0		691
1992 HJ1		1992 05 08.25534	14 29 33.29	-12 32 51.2	20.0 V	691
1992 HJ1		1992 05 08.28047	14 29 31.90	-12 32 51.8		691
1992 HJ1		1992 05 08.30386	14 29 30.63	-12 32 52.3		691
1992 HK1	*	1992 04 25.30248	13 42 57.10	-09 56 24.9		691
1992 HK1		1992 04 25.32867	13 42 55.85	-09 56 18.9	18.3 V	691
1992 HK1		1992 04 25.34894	13 42 54.83	-09 56 14.6		691
1992 HK1		1992 05 02.19637	13 37 33.90	-09 31 39.3	18.5 V	691
1992 HK1		1992 05 02.22071	13 37 32.75	-09 31 33.7		691
1992 HK1		1992 05 02.24109	13 37 31.80	-09 31 29.4		691
1992 HL1	*	1992 04 25.30392	13 45 01.75	-09 52 49.6		691
1992 HL1		1992 04 25.33011	13 45 00.12	-09 52 42.9		691
1992 HL1		1992 04 25.35038	13 44 58.91	-09 52 39.5	19.8 V	691
1992 HL1		1992 05 02.19687	13 38 25.51	-09 29 41.7		691
1992 HL1		1992 05 02.22121	13 38 24.10	-09 29 36.6	20.0 V	691
1992 HL1		1992 05 02.24158	13 38 22.92	-09 29 32.7		691
1992 HM1	*	1992 04 26.37981	14 47 16.29	-07 52 07.0	20.1 V	691

1992 HM1		1992 04 26.40030	14 47 15.15	-07 52 00.9		691
1992 HM1		1992 04 26.42086	14 47 13.98	-07 51 54.5		691
1992 HM1		1992 05 03.35120	14 40 44.92	-07 17 46.2	20.4 V	691
1992 HM1		1992 05 03.36762	14 40 43.95	-07 17 40.5		691
1992 HM1		1992 05 03.38868	14 40 42.71	-07 17 35.2		691
1992 HN1	*	1992 04 26.38352	14 52 37.57	-07 39 46.2	20.2 V	691
1992 HN1		1992 04 26.40400	14 52 35.54	-07 40 02.9		691
1992 HN1		1992 04 26.42455	14 52 33.47	-07 40 18.7		691
1992 HN1		1992 05 02.38582	14 42 46.87	-09 00 23.4		691
1992 HN1		1992 05 02.41020	14 42 44.40	-09 00 42.9		691
1992 HN1		1992 05 02.43504	14 42 41.85	-09 01 02.8	20.3 V	691
1992 HO1	*	1992 04 26.44831	16 23 53.21	-06 26 08.5		691
1992 HO1		1992 04 26.46488	16 23 52.67	-06 26 05.8	20.9 V	691
1992 HO1		1992 04 26.48377	16 23 52.05	-06 26 02.8		691
1992 HO1		1992 05 06.40628	16 17 41.81	-05 57 51.1		691
1992 HO1		1992 05 06.43083	16 17 40.68	-05 57 46.3	20.8 V	691
1992 HO1		1992 05 06.46095	16 17 39.35	-05 57 42.2		691
1992 HP1	*	1992 04 27.27222	14 17 43.57	-11 17 43.3	19.9 V	691
1992 HP1		1992 04 27.29672	14 17 42.00	-11 17 35.8		691
1992 HP1		1992 04 27.32117	14 17 40.42	-11 17 27.9		691
1992 HP1		1992 05 07.23142	14 07 36.45	-10 25 30.9	20.1 V	691
1992 HP1		1992 05 07.25596	14 07 34.96	-10 25 24.0		691
1992 HP1		1992 05 07.28040	14 07 33.45	-10 25 16.4		691
1992 HQ1	*	1992 04 27.27428	14 20 42.13	-10 58 48.1	19.4 V	691
1992 HQ1		1992 04 27.29879	14 20 40.67	-10 58 42.3		691
1992 HQ1		1992 04 27.32323	14 20 39.24	-10 58 37.0		691
1992 HQ1		1992 05 07.23413	14 11 31.26	-10 23 13.1		691
1992 HQ1		1992 05 07.25867	14 11 29.91	-10 23 09.1	19.2 V	691
1992 HQ1		1992 05 07.28311	14 11 28.58	-10 23 04.1		691
1992 HR1	*	1992 04 27.27465	14 21 13.99	-11 18 47.5		691
1992 HR1		1992 04 27.29916	14 21 12.81	-11 18 41.0		691
1992 HR1		1992 04 27.32361	14 21 11.61	-11 18 36.4	19.8 V	691
1992 HR1		1992 05 07.23567	14 13 44.52	-10 41 06.4		691
1992 HR1		1992 05 07.26021	14 13 43.40	-10 41 01.8	19.6 V	691
1992 HR1		1992 05 07.28466	14 13 42.32	-10 40 56.2		691
1992 HS1	*	1992 04 27.27614	14 23 23.62	-11 02 18.1		691
1992 HS1		1992 04 27.30065	14 23 22.23	-11 02 13.5	18.3 V	691
1992 HS1		1992 04 27.32510	14 23 20.82	-11 02 09.3		691
1992 HS1		1992 05 07.23610	14 14 21.93	-10 34 35.9		691
1992 HS1		1992 05 07.26064	14 14 20.60	-10 34 32.9	18.2 V	691
1992 HS1		1992 05 07.28508	14 14 19.39	-10 34 27.5		691
1992 HT1	*	1992 04 27.27703	14 24 40.66	-10 43 46.0		691
1992 HT1		1992 04 27.30154	14 24 39.14	-10 43 42.5	19.9 V	691
1992 HT1		1992 04 27.32598	14 24 37.63	-10 43 37.9		691
1992 HT1		1992 05 07.23633	14 14 41.52	-10 20 51.8	19.5 V	691
1992 HT1		1992 05 07.26087	14 14 40.06	-10 20 49.0		691
1992 HT1		1992 05 07.28531	14 14 38.57	-10 20 45.8		691
1992 HU1	*	1992 04 27.27841	14 26 39.75	-11 02 06.1	19.6 V	691
1992 HU1		1992 04 27.30292	14 26 38.58	-11 02 01.3		691
1992 HU1		1992 04 27.32737	14 26 37.42	-11 01 56.4		691
1992 HU1		1992 05 07.23937	14 19 04.76	-10 31 02.2		691
1992 HU1		1992 05 07.26391	14 19 03.70	-10 30 58.9	19.1 V	691
1992 HU1		1992 05 07.28835	14 19 02.52	-10 30 54.7		691
1992 HV1	*	1992 04 27.28026	14 29 20.27	-11 06 38.0	20.3 V	691
1992 HV1		1992 04 27.30476	14 29 18.66	-11 06 33.1		691
1992 HV1		1992 04 27.32921	14 29 17.11	-11 06 27.5		691
1992 HV1		1992 05 07.23932	14 19 00.95	-10 32 42.8		691
1992 HV1		1992 05 07.26386	14 18 59.45	-10 32 38.5	19.9 V	691
1992 HV1		1992 05 07.28830	14 18 57.92	-10 32 33.8		691

1992 HW1	*	1992 04 27.28340	14 33 52.16	-11 01 44.6	20.0 V	691
1992 HW1		1992 04 27.30790	14 33 50.62	-11 01 39.0		691
1992 HW1		1992 04 27.33235	14 33 49.12	-11 01 34.0		691
1992 HW1		1992 04 30.28550	14 30 54.04	-10 51 10.8	20.2 V	691
1992 HW1		1992 04 30.30803	14 30 52.53	-10 51 06.2		691
1992 HW1		1992 04 30.32909	14 30 51.19	-10 51 00.5		691
1992 HX1	*	1992 04 27.28401	14 34 44.62	-11 03 54.1	19.7 V	691
1992 HX1		1992 04 27.30851	14 34 43.19	-11 03 43.1		691
1992 HX1		1992 04 27.33296	14 34 41.78	-11 03 33.0		691
1992 HX1		1992 04 30.28626	14 31 59.99	-10 42 57.6	19.9 V	691
1992 HX1		1992 04 30.30879	14 31 58.77	-10 42 46.4		691
1992 HX1		1992 04 30.32985	14 31 57.45	-10 42 39.4		691
1992 HY1	*	1992 04 27.28506	14 36 15.66	-11 17 49.0	19.7 V	691
1992 HY1		1992 04 27.30957	14 36 14.91	-11 17 44.4		691
1992 HY1		1992 04 27.33402	14 36 14.19	-11 17 38.6		691
1992 HY1		1992 05 06.24696	14 32 05.82	-10 48 29.6		691
1992 HY1		1992 05 06.26763	14 32 05.22	-10 48 25.4	19.9 V	691
1992 HY1		1992 05 06.28910	14 32 04.60	-10 48 21.7		691
1992 HZ1	*	1992 04 27.28679	14 38 46.02	-10 45 36.4		691
1992 HZ1		1992 04 27.31130	14 38 44.83	-10 45 30.6	19.8 V	691
1992 HZ1		1992 04 27.33575	14 38 43.62	-10 45 26.3		691
1992 HZ1		1992 04 30.28927	14 36 20.71	-10 34 57.6		691
1992 HZ1		1992 04 30.31180	14 36 19.57	-10 34 53.2	20.0 V	691
1992 HZ1		1992 04 30.33287	14 36 18.56	-10 34 48.3		691
1992 HA2	*	1992 04 27.28810	14 40 39.48	-10 50 20.8	17.8 V	691
1992 HA2		1992 04 27.31261	14 40 38.14	-10 50 09.1		691
1992 HA2		1992 04 27.33706	14 40 36.78	-10 49 57.1		691
1992 HA2		1992 04 30.29042	14 37 59.84	-10 26 05.3	18.5 V	691
1992 HA2		1992 04 30.31295	14 37 58.59	-10 25 54.3		691
1992 HA2		1992 04 30.33401	14 37 57.45	-10 25 44.3		691
1992 HB2	*	1992 04 27.28821	14 40 48.48	-10 59 51.8		691
1992 HB2		1992 04 27.31271	14 40 47.30	-10 59 45.7	20.1 V	691
1992 HB2		1992 04 27.33716	14 40 46.08	-10 59 40.0		691
1992 HB2		1992 05 06.24801	14 33 36.66	-10 25 05.2		691
1992 HB2		1992 05 06.26868	14 33 35.65	-10 24 59.9	20.5 V	691
1992 HB2		1992 05 06.29014	14 33 34.56	-10 24 55.3		691
1992 HC2	*	1992 04 27.28921	14 42 15.84	-10 54 47.5		691
1992 HC2		1992 04 27.31372	14 42 14.65	-10 54 42.6	19.0 V	691
1992 HC2		1992 04 27.33817	14 42 13.42	-10 54 36.6		691
1992 HC2		1992 04 30.29169	14 39 50.62	-10 42 58.0	19.5 V	691
1992 HC2		1992 04 30.31423	14 39 49.51	-10 42 52.8		691
1992 HC2		1992 04 30.33529	14 39 48.45	-10 42 47.9		691
1992 HC2		1992 05 06.24898	14 35 01.26	-10 20 12.0		691
1992 HC2		1992 05 06.26965	14 35 00.24	-10 20 07.0	19.2 V	691
1992 HC2		1992 05 06.29112	14 34 59.24	-10 20 02.8		691
1992 HD2	*	1992 04 27.28928	14 42 21.65	-11 12 01.9		691
1992 HD2		1992 04 27.31379	14 42 20.33	-11 11 54.8	20.6 V	691
1992 HD2		1992 04 27.33824	14 42 19.03	-11 11 48.5		691
1992 HD2		1992 05 06.24869	14 34 35.84	-10 34 55.5		691
1992 HD2		1992 05 06.26936	14 34 34.75	-10 34 50.9		691
1992 HD2		1992 05 06.29082	14 34 33.62	-10 34 45.9	20.7 V	691
1992 HE2	*	1992 04 27.28985	14 43 10.85	-10 57 16.9	19.7 V	691
1992 HE2		1992 04 27.31436	14 43 09.63	-10 57 03.8		691
1992 HE2		1992 04 27.33881	14 43 08.48	-10 56 51.4		691
1992 HE2		1992 04 30.29238	14 40 49.86	-10 31 10.5	19.8 V	691
1992 HE2		1992 04 30.31491	14 40 48.77	-10 30 58.9		691
1992 HE2		1992 04 30.33598	14 40 47.75	-10 30 47.8		691
1992 HF2	*	1992 04 27.36201	14 34 33.29	-09 10 25.9	20.5 V	691
1992 HF2		1992 04 27.38246	14 34 32.02	-09 10 24.1		691

1992 HF2		1992 04 27.40293	14 34 30.78	-09 10 22.9		691
1992 HF2		1992 05 02.30788	14 29 32.85	-09 03 18.9		691
1992 HF2		1992 05 02.33244	14 29 31.32	-09 03 16.9		691
1992 HF2		1992 05 02.35939	14 29 29.64	-09 03 15.3	20.7 V	691
1992 HF2		1992 05 03.21685	14 28 37.79	-09 02 09.4		691
1992 HF2		1992 05 03.22536	14 28 37.23	-09 02 07.9	20.6 V	691
1992 HF2		1992 05 03.23398	14 28 36.71	-09 02 08.0		691
1992 HG2	*	1992 04 27.36539	14 39 26.37	-09 31 44.5		691
1992 HG2		1992 04 27.38585	14 39 25.20	-09 31 39.1	19.4 V	691
1992 HG2		1992 04 27.40632	14 39 24.06	-09 31 33.5		691
1992 HG2		1992 05 02.31162	14 34 56.78	-09 09 52.4	19.5 V	691
1992 HG2		1992 05 02.33618	14 34 55.48	-09 09 46.0		691
1992 HG2		1992 05 02.36314	14 34 53.84	-09 09 40.0		691
1992 HH2	*	1992 04 27.36564	14 39 47.81	-09 14 44.7		691
1992 HH2		1992 04 27.38609	14 39 46.52	-09 14 40.9		691
1992 HH2		1992 04 27.40656	14 39 45.28	-09 14 37.1	19.6 V	691
1992 HH2		1992 05 02.31152	14 34 48.67	-08 59 52.6		691
1992 HH2		1992 05 02.33608	14 34 47.15	-08 59 48.7	19.6 V	691
1992 HH2		1992 05 02.36304	14 34 45.42	-08 59 44.6		691
1992 HJ2	*	1992 04 27.36617	14 40 34.16	-09 14 29.9		691
1992 HJ2		1992 04 27.38663	14 40 32.81	-09 14 28.4	19.1 V	691
1992 HJ2		1992 04 27.40710	14 40 31.46	-09 14 26.2		691
1992 HJ2		1992 05 02.31185	14 35 17.02	-09 07 26.0	19.0 V	691
1992 HJ2		1992 05 02.33641	14 35 15.47	-09 07 23.3		691
1992 HJ2		1992 05 02.36336	14 35 13.57	-09 07 22.8		691
1992 HK2	*	1992 04 27.36811	14 43 21.79	-09 27 50.6		691
1992 HK2		1992 04 27.38856	14 43 20.51	-09 27 45.4	20.3 V	691
1992 HK2		1992 04 27.40903	14 43 19.25	-09 27 39.0		691
1992 HK2		1992 05 02.38276	14 38 21.95	-09 03 23.3		691
1992 HK2		1992 05 02.40715	14 38 20.42	-09 03 16.2	19.7 V	691
1992 HK2		1992 05 02.43200	14 38 18.91	-09 03 09.6		691
1992 HL2	*	1992 04 27.37155	14 48 19.96	-09 02 01.8		691
1992 HL2		1992 04 27.39201	14 48 19.32	-09 02 00.5		691
1992 HL2		1992 04 27.41249	14 48 18.65	-09 01 58.9	19.9 V	691
1992 HL2		1992 05 02.38782	14 45 40.66	-08 56 56.6	19.8 V	691
1992 HL2		1992 05 02.41222	14 45 39.93	-08 56 54.9		691
1992 HL2		1992 05 02.43708	14 45 39.11	-08 56 53.7		691
1992 HM2	*	1992 04 28.35572	14 29 08.69	-08 17 19.4		691
1992 HM2		1992 04 28.37642	14 29 07.60	-08 17 17.8	18.7 V	691
1992 HM2		1992 04 28.39709	14 29 06.53	-08 17 16.4		691
1992 HM2		1992 05 03.26740	14 24 59.75	-08 11 20.9	19.0 V	691
1992 HM2		1992 05 03.28769	14 24 58.62	-08 11 19.6		691
1992 HM2		1992 05 03.30845	14 24 57.53	-08 11 17.9		691
1992 HN2	*	1992 04 28.35654	14 30 20.37	-08 37 46.3		691
1992 HN2		1992 04 28.37725	14 30 19.31	-08 37 40.7	21.0 V	691
1992 HN2		1992 04 28.39792	14 30 18.25	-08 37 34.5		691
1992 HN2		1992 05 03.26818	14 26 11.85	-08 15 51.6	21.2 V	691
1992 HN2		1992 05 03.28846	14 26 10.79	-08 15 45.6		691
1992 HN2		1992 05 03.30922	14 26 09.68	-08 15 39.5		691
1992 HO2	*	1992 04 28.35688	14 30 49.79	-08 26 11.2		691
1992 HO2		1992 04 28.37759	14 30 48.71	-08 26 07.1	18.2 V	691
1992 HO2		1992 04 28.39826	14 30 47.60	-08 26 03.6		691
1992 HO2		1992 05 03.26845	14 26 35.30	-08 10 22.3	18.1 V	691
1992 HO2		1992 05 03.28873	14 26 34.26	-08 10 18.4		691
1992 HO2		1992 05 03.30949	14 26 33.13	-08 10 14.1		691
1992 HP2	*	1992 04 28.35709	14 31 07.31	-08 29 34.3	20.6 V	691
1992 HP2		1992 04 28.37780	14 31 06.55	-08 29 31.1		691
1992 HP2		1992 04 28.39847	14 31 05.79	-08 29 27.8		691
1992 HP2		1992 05 03.26960	14 28 14.42	-08 17 34.5	20.5 V	691

1992 HP2		1992 05 03.28988	14 28 13.70	-08 17 30.8		691
1992 HP2		1992 05 03.31064	14 28 12.98	-08 17 28.0		691
1992 HQ2	*	1992 04 28.35844	14 33 04.25	-08 41 05.6		691
1992 HQ2		1992 04 28.37914	14 33 03.01	-08 41 01.2	19.7 V	691
1992 HQ2		1992 04 28.39981	14 33 01.74	-08 40 58.2		691
1992 HQ2		1992 05 03.26961	14 28 15.95	-08 25 22.9	19.5 V	691
1992 HQ2		1992 05 03.28989	14 28 14.79	-08 25 18.7		691
1992 HQ2		1992 05 03.31064	14 28 13.48	-08 25 14.1		691
1992 HR2	*	1992 04 28.35856	14 33 14.93	-08 48 21.2		691
1992 HR2		1992 04 28.37926	14 33 13.63	-08 48 22.7	19.3 V	691
1992 HR2		1992 04 28.39993	14 33 12.36	-08 48 23.7		691
1992 HR2		1992 05 03.21670	14 28 24.98	-08 52 48.9		691
1992 HR2		1992 05 03.22521	14 28 24.48	-08 52 49.3	19.3 V	691
1992 HR2		1992 05 03.23383	14 28 23.94	-08 52 49.4		691
1992 HS2	*	1992 04 28.35906	14 33 58.11	-08 37 51.6		691
1992 HS2		1992 04 28.37976	14 33 57.00	-08 37 45.0	19.9 V	691
1992 HS2		1992 04 28.40043	14 33 55.93	-08 37 38.0		691
1992 HS2		1992 05 03.27069	14 29 49.58	-08 13 26.2	20.2 V	691
1992 HS2		1992 05 03.29097	14 29 48.54	-08 13 19.7		691
1992 HS2		1992 05 03.31173	14 29 47.44	-08 13 13.6		691
1992 HT2	*	1992 04 28.36016	14 35 34.01	-08 23 36.3		691
1992 HT2		1992 04 28.38087	14 35 32.76	-08 23 37.7	18.9 V	691
1992 HT2		1992 04 28.40154	14 35 31.44	-08 23 39.1		691
1992 HT2		1992 05 03.27113	14 30 27.73	-08 27 55.4	19.2 V	691
1992 HT2		1992 05 03.29141	14 30 26.40	-08 27 56.2		691
1992 HT2		1992 05 03.31216	14 30 25.05	-08 27 57.2		691
1992 HU2	*	1992 04 28.36148	14 37 27.63	-08 44 34.1	18.5 V	691
1992 HU2		1992 04 28.38219	14 37 27.00	-08 44 30.0		691
1992 HU2		1992 04 28.40286	14 37 26.41	-08 44 25.7		691
1992 HU2		1992 05 03.27437	14 35 08.33	-08 27 42.2		691
1992 HU2		1992 05 03.29466	14 35 07.74	-08 27 38.0	18.6 V	691
1992 HU2		1992 05 03.31542	14 35 07.14	-08 27 33.7		691
1992 HV2	*	1992 04 28.36256	14 39 01.52	-08 23 17.0		691
1992 HV2		1992 04 28.38327	14 39 00.53	-08 23 11.6		691
1992 HV2		1992 04 28.40394	14 38 59.62	-08 23 06.3	19.9 V	691
1992 HV2		1992 05 03.27457	14 35 25.53	-08 02 32.6		691
1992 HV2		1992 05 03.29486	14 35 24.67	-08 02 27.4	20.2 V	691
1992 HV2		1992 05 03.31561	14 35 23.70	-08 02 22.4		691
1992 HW2	*	1992 04 28.36286	14 39 27.74	-08 43 51.6		691
1992 HW2		1992 04 28.38357	14 39 26.23	-08 43 58.0	20.2 V	691
1992 HW2		1992 04 28.40423	14 39 24.81	-08 44 05.8		691
1992 HW2		1992 05 02.31147	14 34 44.31	-09 05 05.3		691
1992 HW2		1992 05 02.33603	14 34 42.48	-09 05 13.7	20.3 V	691
1992 HW2		1992 05 02.36298	14 34 40.47	-09 05 23.2		691
1992 HX2	*	1992 04 28.36386	14 40 53.72	-08 27 45.2		691
1992 HX2		1992 04 28.38456	14 40 52.48	-08 27 40.1	20.0 V	691
1992 HX2		1992 04 28.40523	14 40 51.32	-08 27 34.0		691
1992 HX2		1992 05 03.27512	14 36 12.91	-08 05 34.3		691
1992 HX2		1992 05 03.29540	14 36 11.70	-08 05 28.8	20.0 V	691
1992 HX2		1992 05 03.31615	14 36 10.49	-08 05 23.9		691
1992 HY2	*	1992 04 28.36392	14 40 59.08	-08 45 51.1	19.9 V	691
1992 HY2		1992 04 28.38462	14 40 57.80	-08 45 44.6		691
1992 HY2		1992 04 28.40529	14 40 56.57	-08 45 37.6		691
1992 HY2		1992 05 03.27510	14 36 11.42	-08 18 53.7	20.0 V	691
1992 HY2		1992 05 03.29538	14 36 10.16	-08 18 46.8		691
1992 HY2		1992 05 03.31613	14 36 08.90	-08 18 40.3		691
1992 HZ2	*	1992 04 28.36423	14 41 26.47	-08 41 20.0	20.5 V	691
1992 HZ2		1992 04 28.38494	14 41 25.40	-08 41 12.8		691
1992 HZ2		1992 04 28.40561	14 41 24.25	-08 41 04.4		691

1992 HZ2		1992 05 03.27575	14 37 07.80	-08 12 19.5		691
1992 HZ2		1992 05 03.29603	14 37 06.69	-08 12 12.5		691
1992 HZ2		1992 05 03.31679	14 37 05.51	-08 12 05.0	20.5 V	691
1992 HA3	*	1992 04 28.36502	14 42 34.53	-08 33 42.7		691
1992 HA3		1992 04 28.38572	14 42 33.31	-08 33 40.5	19.2 V	691
1992 HA3		1992 04 28.40639	14 42 32.04	-08 33 37.6		691
1992 HA3		1992 05 03.27624	14 37 50.39	-08 23 49.3		691
1992 HA3		1992 05 03.29652	14 37 49.12	-08 23 46.8	19.4 V	691
1992 HA3		1992 05 03.31728	14 37 47.85	-08 23 44.7		691
1992 HB3	*	1992 04 28.36667	14 44 57.33	-08 23 38.4		691
1992 HB3		1992 04 28.38738	14 44 56.24	-08 23 32.2		691
1992 HB3		1992 04 28.40804	14 44 55.15	-08 23 25.4	19.9 V	691
1992 HB3		1992 05 03.27828	14 40 47.14	-07 58 56.0	20.1 V	691
1992 HB3		1992 05 03.29857	14 40 46.02	-07 58 50.4		691
1992 HB3		1992 05 03.31932	14 40 44.91	-07 58 44.5		691
1992 HC3	*	1992 04 28.36759	14 46 17.03	-08 39 54.9	20.1 V	691
1992 HC3		1992 04 28.38830	14 46 15.97	-08 39 45.9		691
1992 HC3		1992 04 28.40896	14 46 14.96	-08 39 36.5		691
1992 HC3		1992 05 03.27930	14 42 15.13	-08 03 40.7		691
1992 HC3		1992 05 03.29958	14 42 14.04	-08 03 32.1	20.4 V	691
1992 HC3		1992 05 03.32034	14 42 13.00	-08 03 22.5		691
1992 HD3	*	1992 04 29.22438	14 02 32.92	-09 37 57.5		691
1992 HD3		1992 04 29.24483	14 02 31.77	-09 37 50.2	19.8 V	691
1992 HD3		1992 04 29.26665	14 02 30.48	-09 37 43.4		691
1992 HD3		1992 05 02.21170	13 59 50.09	-09 23 27.2	20.1 V	691
1992 HD3		1992 05 02.23604	13 59 48.75	-09 23 20.4		691
1992 HD3		1992 05 02.25641	13 59 47.62	-09 23 15.9		691
1992 HE3	*	1992 04 29.22534	14 03 55.90	-09 58 42.3		691
1992 HE3		1992 04 29.24579	14 03 54.88	-09 58 24.6	19.5 V	691
1992 HE3		1992 04 29.26761	14 03 53.77	-09 58 06.1		691
1992 HE3		1992 05 02.21294	14 01 37.07	-09 16 21.7	19.5 V	691
1992 HE3		1992 05 02.23727	14 01 35.85	-09 16 02.0		691
1992 HE3		1992 05 02.25765	14 01 34.83	-09 15 45.2		691
1992 HF3	*	1992 04 29.22956	14 10 01.95	-10 04 10.1	19.7 V	691
1992 HF3		1992 04 29.25002	14 10 01.08	-10 03 57.7		691
1992 HF3		1992 04 29.27184	14 10 00.14	-10 03 44.7		691
1992 HF3		1992 05 02.29288	14 07 54.03	-09 32 23.9		691
1992 HF3		1992 05 02.31745	14 07 52.91	-09 32 08.0	20.2 V	691
1992 HF3		1992 05 02.34441	14 07 51.78	-09 31 50.8		691
1992 HG3	*	1992 04 29.23148	14 12 48.11	-09 43 03.0		691
1992 HG3		1992 04 29.25193	14 12 46.93	-09 42 54.5	19.9 V	691
1992 HG3		1992 04 29.27375	14 12 45.70	-09 42 47.5		691
1992 HG3		1992 05 02.29433	14 09 59.27	-09 23 47.3		691
1992 HG3		1992 05 02.31889	14 09 57.86	-09 23 38.1	20.1 V	691
1992 HG3		1992 05 02.34585	14 09 56.35	-09 23 28.4		691
1992 HH3	*	1992 04 29.28322	14 25 59.41	-09 53 16.1		691
1992 HH3		1992 04 29.33558	14 25 56.68	-09 52 59.1	19.5 V	691
1992 HH3		1992 05 03.18494	14 22 47.28	-09 34 16.6		691
1992 HH3		1992 05 03.19404	14 22 46.84	-09 34 14.7	19.7 V	691
1992 HH3		1992 05 03.20262	14 22 46.40	-09 34 11.8		691
1992 HH3		1992 05 04.40079	14 21 47.78	-09 28 32.8	20.4 V	691
1992 HH3		1992 05 04.41147	14 21 47.29	-09 28 29.7		691
1992 HH3		1992 05 04.42200	14 21 46.76	-09 28 26.2		691
1992 HJ3	*	1992 04 29.28562	14 29 27.32	-09 43 58.7		691
1992 HJ3		1992 04 29.33797	14 29 23.93	-09 44 02.0	18.6 V	691
1992 HJ3		1992 05 03.18676	14 25 24.84	-09 48 40.5		691
1992 HJ3		1992 05 03.19586	14 25 24.24	-09 48 42.1	19.0 V	691
1992 HJ3		1992 05 03.20443	14 25 23.69	-09 48 41.8		691
1992 HK3	*	1992 04 29.28579	14 29 41.73	-09 58 23.6		691

1992 HK3		1992 04 29.33814	14 29 38.39	-09 58 09.7	18.0 V	691
1992 HK3		1992 05 03.18688	14 25 34.99	-09 41 28.3	18.2 V	691
1992 HK3		1992 05 03.19597	14 25 34.43	-09 41 25.7		691
1992 HK3		1992 05 03.20455	14 25 33.87	-09 41 23.4		691
1992 HL3	*	1992 04 29.29186	14 38 27.91	-09 36 41.9	18.5 V	691
1992 HL3		1992 04 29.34424	14 38 26.48	-09 36 28.4		691
1992 HL3		1992 05 02.31305	14 37 00.66	-09 23 49.2	19.2 V	691
1992 HL3		1992 05 02.33762	14 36 59.96	-09 23 43.0		691
1992 HL3		1992 05 02.36458	14 36 59.12	-09 23 36.7		691
1992 HL3		1992 05 02.38208	14 36 58.61	-09 23 31.3		691
1992 HL3		1992 05 02.40648	14 36 57.88	-09 23 25.0		691
1992 HL3		1992 05 02.43134	14 36 57.13	-09 23 18.6	19.4 V	691
1992 HM3	*	1992 04 29.29759	14 46 44.22	-09 40 31.6	19.4 V	691
1992 HM3		1992 04 29.34995	14 46 41.38	-09 40 22.9		691
1992 HM3		1992 05 02.38659	14 43 54.34	-09 31 30.0		691
1992 HM3		1992 05 02.41099	14 43 52.97	-09 31 25.0	19.7 V	691
1992 HM3		1992 05 02.43584	14 43 51.51	-09 31 22.3		691
1992 HN3	*	1992 04 29.35768	14 57 23.87	-09 36 43.5	17.7 V	691
1992 HN3		1992 04 29.37811	14 57 22.56	-09 36 39.7		691
1992 HN3		1992 04 29.39903	14 57 21.27	-09 36 37.0		691
1992 HN3		1992 05 02.39375	14 54 13.83	-09 29 19.5	18.1 V	691
1992 HN3		1992 05 02.41814	14 54 12.24	-09 29 16.0		691
1992 HN3		1992 05 02.44299	14 54 10.63	-09 29 12.3		691
1992 HO3	*	1992 04 29.36153	15 02 57.28	-09 36 59.5		691
1992 HO3		1992 04 29.38197	15 02 56.21	-09 36 50.8	17.9 V	691
1992 HO3		1992 04 29.40289	15 02 55.13	-09 36 42.1		691
1992 HO3		1992 05 02.39806	15 00 27.34	-09 15 49.0		691
1992 HO3		1992 05 02.42245	15 00 26.05	-09 15 39.1	18.2 V	691
1992 HO3		1992 05 02.44731	15 00 24.71	-09 15 28.6		691
1992 HP3	*	1992 04 30.28621	14 31 55.22	-10 50 48.4		691
1992 HP3		1992 04 30.30872	14 31 52.80	-10 51 02.7	17.7 V	691
1992 HP3		1992 04 30.32977	14 31 50.55	-10 51 16.2		691
1992 HP3		1992 05 08.24746	14 18 10.39	-12 18 34.3		691
1992 HP3		1992 05 08.27258	14 18 07.77	-12 18 51.6		691
1992 HP3		1992 05 08.29595	14 18 05.30	-12 19 07.4	17.9 V	691
1992 HQ3	*	1992 04 30.29837	14 49 28.88	-10 49 40.2		691
1992 HQ3		1992 04 30.32090	14 49 27.71	-10 49 36.0		691
1992 HQ3		1992 04 30.34196	14 49 26.62	-10 49 30.0	19.2 V	691
1992 HQ3		1992 05 06.25558	14 44 32.89	-10 26 14.9		691
1992 HQ3		1992 05 06.27625	14 44 31.82	-10 26 10.1		691
1992 HQ3		1992 05 06.29772	14 44 30.79	-10 26 05.7	19.6 V	691
1992 HR3	*	1992 04 30.30033	14 52 18.81	-10 46 32.2		691
1992 HR3		1992 04 30.32286	14 52 17.53	-10 46 27.3	20.6 V	691
1992 HR3		1992 04 30.34392	14 52 16.29	-10 46 21.9		691
1992 HR3		1992 05 06.25721	14 46 53.83	-10 24 24.3		691
1992 HR3		1992 05 06.27788	14 46 52.78	-10 24 20.9		691
1992 HR3		1992 05 06.29934	14 46 51.51	-10 24 15.9	20.8 V	691
1992 HU3	*	1992 04 25.22826	14 30 26.76	-12 34 27.7		691
1992 HU3		1992 04 25.24875	14 30 25.66	-12 34 28.1	19.8 V	691
1992 HU3		1992 04 25.26912	14 30 24.54	-12 34 27.3		691
1992 HU3		1992 05 08.24813	14 19 08.81	-12 29 44.5		691
1992 HU3		1992 05 08.27326	14 19 07.29	-12 29 43.1	20.0 V	691
1992 HU3		1992 05 08.29665	14 19 06.08	-12 29 42.9		691
1992 HV3	*	1992 04 25.23700	14 43 03.64	-12 36 46.5	19.8 V	691
1992 HV3		1992 04 25.25749	14 43 02.59	-12 36 44.2		691
1992 HV3		1992 04 25.27786	14 43 01.56	-12 36 42.0		691
1992 HV3		1992 05 07.30473	14 33 22.47	-12 07 44.4	19.3 V	691
1992 HV3		1992 05 07.33024	14 33 21.27	-12 07 39.5		691
1992 HV3		1992 05 07.35521	14 33 20.12	-12 07 35.3		691

1992 HW3	*	1992 04 27.28911	14 42 06.62	-10 56 56.7		691
1992 HW3		1992 04 27.31362	14 42 05.51	-10 56 51.5	20.2 V	691
1992 HW3		1992 04 27.33807	14 42 04.41	-10 56 45.7		691
1992 HW3		1992 05 06.24924	14 35 23.21	-10 22 54.5		691
1992 HW3		1992 05 06.26991	14 35 22.30	-10 22 50.1		691
1992 HW3		1992 05 06.29137	14 35 21.28	-10 22 45.2	20.5 V	691
1992 HX3	*	1992 04 27.29070	14 44 24.55	-11 08 50.1		691
1992 HX3		1992 04 27.31521	14 44 23.50	-11 08 40.4	19.3 V	691
1992 HX3		1992 04 27.33966	14 44 22.45	-11 08 35.0		691
1992 HX3		1992 04 30.29340	14 42 18.20	-10 49 23.9	19.7 V	691
1992 HX3		1992 04 30.31593	14 42 17.22	-10 49 15.9		691
1992 HX3		1992 04 30.33700	14 42 16.26	-10 49 07.0		691
1992 HY3	*	1992 04 28.36307	14 39 45.67	-08 43 08.6	20.1 V	691
1992 HY3		1992 04 28.38378	14 39 44.53	-08 42 59.8		691
1992 HY3		1992 04 28.40444	14 39 43.35	-08 42 51.0		691
1992 HY3		1992 05 03.27454	14 35 22.52	-08 11 17.3	20.4 V	691
1992 HY3		1992 05 03.29482	14 35 21.35	-08 11 09.0		691
1992 JD		1992 05 09.17281	15 13 34.55	+38 25 01.0		691
1992 JD		1992 05 09.17637	15 13 35.55	+38 25 49.4		691
1992 JD		1992 05 09.38181	15 14 16.12	+39 09 20.0		691
1992 JD		1992 05 09.38542	15 14 16.92	+39 10 02.5		691
1992 JG		1992 05 09.22196	14 13 38.14	-09 25 47.1		691
1992 JG		1992 05 09.22954	14 13 37.52	-09 25 47.4		691
1992 JG		1992 05 09.24838	14 13 35.78	-09 25 46.9		691
1992 JG		1992 05 09.25930	14 13 34.95	-09 25 48.9	19.9 V	691
1992 JG		1992 05 09.27048	14 13 34.06	-09 25 47.3		691
1992 JG		1992 06 01.26011	13 49 37.00	-10 15 59.0	19.2 V	691
1992 JG		1992 06 01.28096	13 49 36.20	-10 16 06.1	19.8 V	691
1992 JG		1992 06 01.29286	13 49 35.74	-10 16 09.7	19.2 V	691
1992 JG		1992 06 01.30428	13 49 35.37	-10 16 13.1	19.2 V	691
1992 JS	*	1992 05 07.15479	13 05 00.13	-07 17 05.3		691
1992 JS		1992 05 07.17904	13 04 59.10	-07 17 04.3	20.7 V	691
1992 JS		1992 05 07.20329	13 04 58.08	-07 17 03.2		691
1992 JS		1992 05 08.14404	13 04 20.11	-07 16 28.6		691
1992 JS		1992 05 08.15881	13 04 19.51	-07 16 27.9		691
1992 JS		1992 05 08.17344	13 04 18.92	-07 16 26.6	20.3 V	691
1992 JT	*	1992 05 01.14515	13 05 58.91	-08 45 48.9		691
1992 JT		1992 05 01.16545	13 05 58.20	-08 45 35.8		691
1992 JT		1992 05 01.18600	13 05 57.48	-08 45 21.9	18.6 V	691
1992 JT		1992 05 08.14290	13 02 41.45	-07 32 38.8		691
1992 JT		1992 05 08.15767	13 02 41.10	-07 32 30.3		691
1992 JT		1992 05 08.17230	13 02 40.69	-07 32 21.2	18.6 V	691
1992 JU	*	1992 05 01.15253	13 16 38.28	-08 36 19.4	20.0 V	691
1992 JU		1992 05 01.17283	13 16 37.40	-08 36 15.1		691
1992 JU		1992 05 01.19338	13 16 36.54	-08 36 09.8		691
1992 JU		1992 05 03.24346	13 15 17.26	-08 28 05.1		691
1992 JU		1992 05 03.25214	13 15 16.91	-08 28 03.5		691
1992 JU		1992 05 03.26045	13 15 16.56	-08 28 01.2	20.1 V	691
1992 JV	*	1992 05 02.30095	14 19 33.07	-09 28 00.8	18.8 V	691
1992 JV		1992 05 02.32551	14 19 31.55	-09 27 50.4		691
1992 JV		1992 05 02.35247	14 19 29.88	-09 27 37.5		691
1992 JV		1992 05 03.18251	14 18 42.03	-09 21 36.3		691
1992 JV		1992 05 03.19162	14 18 41.47	-09 21 32.3	19.1 V	691
1992 JV		1992 05 03.20016	14 18 40.93	-09 21 28.4		691
1992 JV		1992 05 04.39821	14 17 31.22	-09 12 49.6	19.1 V	691
1992 JV		1992 05 04.40890	14 17 30.41	-09 12 44.5		691
1992 JV		1992 05 04.41942	14 17 29.79	-09 12 42.5		691
1992 JW	*	1992 05 02.30249	14 21 45.90	-09 12 46.4	18.7 V	691
1992 JW		1992 05 02.32705	14 21 44.24	-09 12 45.4		691

1992 JW		1992 05 02.35400	14 21	42.47	-09 12	43.7		691
1992 JW		1992 05 03.21178	14 20	49.51	-09 12	05.7		691
1992 JW		1992 05 03.22030	14 20	48.98	-09 12	04.9	18.9 V	691
1992 JW		1992 05 03.22892	14 20	48.42	-09 12	04.9		691
1992 JX	*	1992 05 02.30263	14 21	58.46	-09 03	33.4	17.9 V	691
1992 JX		1992 05 02.32719	14 21	57.11	-09 03	31.1		691
1992 JX		1992 05 02.35415	14 21	55.63	-09 03	27.8		691
1992 JX		1992 05 03.21190	14 21	10.06	-09 02	02.0		691
1992 JX		1992 05 03.22042	14 21	09.63	-09 02	01.1	18.1 V	691
1992 JX		1992 05 03.22904	14 21	09.15	-09 02	00.1		691
1992 JY	*	1992 05 03.18409	14 21	33.50	-09 23	50.0		691
1992 JY		1992 05 03.19319	14 21	33.05	-09 23	47.2		691
1992 JY		1992 05 03.20177	14 21	32.62	-09 23	44.4	19.3 V	691
1992 JY		1992 05 04.39995	14 20	34.51	-09 18	09.6		691
1992 JY		1992 05 04.41062	14 20	33.97	-09 18	06.6	19.7 V	691
1992 JY		1992 05 04.42115	14 20	33.48	-09 18	03.4		691
1992 JZ	*	1992 05 03.18468	14 22	24.54	-09 45	58.9		691
1992 JZ		1992 05 03.19378	14 22	24.01	-09 45	57.9	19.2 V	691
1992 JZ		1992 05 03.20235	14 22	23.57	-09 45	56.9		691
1992 JZ		1992 05 04.40044	14 21	17.27	-09 42	24.3	19.5 V	691
1992 JZ		1992 05 04.41111	14 21	16.69	-09 42	22.4		691
1992 JZ		1992 05 04.42164	14 21	16.11	-09 42	20.3		691
1992 JZ		1992 05 06.20102	14 19	40.35	-09 37	17.7		691
1992 JZ		1992 05 06.20767	14 19	39.98	-09 37	15.6		691
1992 JZ		1992 05 06.21420	14 19	39.60	-09 37	15.2	19.5 V	691
1992 JA1	*	1992 05 03.18600	14 24	18.82	-09 33	10.0	18.3 V	691
1992 JA1		1992 05 03.19510	14 24	18.26	-09 33	06.8		691
1992 JA1		1992 05 03.20367	14 24	17.78	-09 33	04.3		691
1992 JA1		1992 05 04.40172	14 23	08.24	-09 27	03.4		691
1992 JA1		1992 05 04.41239	14 23	07.53	-09 26	59.4	18.5 V	691
1992 JA1		1992 05 04.42292	14 23	06.93	-09 26	56.6		691
1992 JB1	*	1992 05 03.18635	14 24	49.79	-09 31	06.4	18.6 V	691
1992 JB1		1992 05 03.19545	14 24	49.22	-09 31	05.2		691
1992 JB1		1992 05 03.20403	14 24	48.72	-09 31	04.4		691
1992 JB1		1992 05 04.40209	14 23	40.25	-09 28	34.9		691
1992 JB1		1992 05 04.41276	14 23	39.61	-09 28	32.9		691
1992 JB1		1992 05 04.42329	14 23	39.03	-09 28	31.8	19.1 V	691
1992 JC1	*	1992 05 03.18824	14 27	33.15	-09 25	39.7		691
1992 JC1		1992 05 03.19734	14 27	32.60	-09 25	38.4	19.2 V	691
1992 JC1		1992 05 03.20592	14 27	32.06	-09 25	37.5		691
1992 JC1		1992 05 04.40395	14 26	21.58	-09 23	08.9	19.5 V	691
1992 JC1		1992 05 04.41463	14 26	20.94	-09 23	07.5		691
1992 JC1		1992 05 04.42515	14 26	20.27	-09 23	06.8		691
1992 JC1		1992 05 09.26188	14 21	42.76	-09 14	01.2	21.7 V	691
1992 JC1		1992 05 09.27305	14 21	42.01	-09 13	58.6		691
1992 JD1	*	1992 05 07.15168	13 00	31.17	-07 25	44.6		691
1992 JD1		1992 05 07.17594	13 00	30.42	-07 25	38.0	20.3 V	691
1992 JD1		1992 05 07.20020	13 00	29.67	-07 25	29.8		691
1992 JD1		1992 05 08.14107	13 00	02.70	-07 20	39.3	20.6 V	691
1992 JD1		1992 05 08.15584	13 00	02.25	-07 20	34.9		691
1992 JD1		1992 05 08.17047	13 00	01.83	-07 20	30.0		691
1992 JE1	*	1992 05 07.15185	13 00	45.53	-07 27	57.0	20.1 V	691
1992 JE1		1992 05 07.17610	13 00	44.73	-07 27	51.0		691
1992 JE1		1992 05 07.20036	13 00	43.85	-07 27	44.4		691
1992 JE1		1992 05 08.14119	13 00	13.44	-07 23	52.6		691
1992 JE1		1992 05 08.15596	13 00	12.97	-07 23	49.1		691
1992 JE1		1992 05 08.17059	13 00	12.46	-07 23	45.8	19.9 V	691
1992 JF1	*	1992 05 07.15188	13 00	48.12	-07 30	41.4		691
1992 JF1		1992 05 07.17614	13 00	47.42	-07 30	35.8	19.5 V	691

1992 JF1		1992 05 07.20039	13 00 46.65	-07 30 30.3		691
1992 JF1		1992 05 08.14128	13 00 20.97	-07 26 55.6		691
1992 JF1		1992 05 08.15605	13 00 20.55	-07 26 52.5	19.1 V	691
1992 JF1		1992 05 08.17068	13 00 20.12	-07 26 49.7		691
1992 JG1	*	1992 05 07.15434	13 04 21.50	-07 10 18.4		691
1992 JG1		1992 05 07.17860	13 04 20.57	-07 10 10.3		691
1992 JG1		1992 05 07.20285	13 04 19.67	-07 10 04.5	19.7 V	691
1992 JG1		1992 05 08.14366	13 03 47.63	-07 05 28.1	19.7 V	691
1992 JG1		1992 05 08.15843	13 03 47.06	-07 05 23.3		691
1992 JG1		1992 05 08.17306	13 03 46.57	-07 05 19.4		691
1992 JH1	*	1992 05 07.15792	13 09 31.87	-07 29 18.0		691
1992 JH1		1992 05 07.18218	13 09 31.12	-07 29 11.3		691
1992 JH1		1992 05 07.20644	13 09 30.39	-07 29 04.9	20.6 V	691
1992 JH1		1992 05 08.14732	13 09 04.55	-07 24 55.4		691
1992 JH1		1992 05 08.16209	13 09 04.15	-07 24 51.8		691
1992 JH1		1992 05 08.17672	13 09 03.77	-07 24 48.2	20.5 V	691
1992 JM1	*	1992 05 02.30644	14 27 28.02	-09 01 52.9	19.3 V	691
1992 JM1		1992 05 02.33100	14 27 26.49	-09 01 48.3		691
1992 JM1		1992 05 03.21544	14 26 36.01	-08 59 21.8		691
1992 JM1		1992 05 03.22395	14 26 35.46	-08 59 20.2	19.6 V	691
1992 JM1		1992 05 03.23258	14 26 34.95	-08 59 18.9		691
2541 P-L		1992 02 26.13167	09 32 52.69	+16 01 07.9	20.1 V	691
2541 P-L		1992 02 26.15349	09 32 51.47	+16 01 12.9		691
2541 P-L		1992 02 26.17484	09 32 50.31	+16 01 18.6		691
2570 P-L		1992 04 28.28662	14 20 12.49	-07 53 59.6		691
2570 P-L		1992 04 28.31470	14 20 11.19	-07 53 48.8		691
2570 P-L		1992 04 28.33924	14 20 10.14	-07 53 42.1	17.7 V	691
2630 P-L		1992 02 27.25608	10 21 17.59	+15 02 25.4	18.4 V	691
2630 P-L		1992 02 27.28113	10 21 16.04	+15 02 32.0		691
2630 P-L		1992 02 27.30638	10 21 14.72	+15 02 39.3		691
2678 P-L		1992 02 23.44877	11 32 59.43	+06 00 40.3	18.6 V	691
2678 P-L		1992 02 23.47834	11 32 58.07	+06 00 50.9		691
2678 P-L		1992 02 23.50872	11 32 56.68	+06 01 02.6		691
3538 P-L		1992 01 09.31115	08 14 07.93	+19 19 55.5		691
3538 P-L		1992 01 09.33288	08 14 06.34	+19 19 57.7	18.1 V	691
3538 P-L		1992 01 09.35440	08 14 04.75	+19 20 00.3		691
4077 P-L		1992 02 29.32255	10 37 30.86	+07 40 02.0		691
4077 P-L		1992 02 29.35753	10 37 28.75	+07 40 11.3		691
4077 P-L		1992 02 29.37837	10 37 27.51	+07 40 17.1	17.3 V	691
4276 P-L		1992 02 26.19776	10 01 38.59	+16 32 08.7		691
4276 P-L		1992 02 26.21898	10 01 37.07	+16 32 12.7	19.0 V	691
4276 P-L		1992 02 26.24180	10 01 35.43	+16 32 16.5		691
4276 P-L		1992 03 06.21322	09 51 36.53	+16 53 41.6		691
4276 P-L		1992 03 06.24267	09 51 34.63	+16 53 44.9		691
4276 P-L		1992 03 06.26370	09 51 33.26	+16 53 47.1	19.4 V	691
4582 P-L		1992 02 29.23195	10 54 13.33	+10 13 23.5	17.7 V	691
4582 P-L		1992 02 29.25251	10 54 12.38	+10 13 28.6		691
4582 P-L		1992 02 29.28024	10 54 11.09	+10 13 35.3		691
4582 P-L		1992 03 11.31071	10 45 54.38	+10 56 38.0	18.0 V	691
4582 P-L		1992 03 11.33166	10 45 53.44	+10 56 42.6		691
4582 P-L		1992 03 11.35220	10 45 52.53	+10 56 47.2		691
4801 P-L		1992 02 29.22801	10 48 32.13	+10 27 17.2		691
4801 P-L		1992 02 29.24857	10 48 31.19	+10 27 23.5		691
4801 P-L		1992 02 29.27630	10 48 29.91	+10 27 31.6	20.0 V	691
4805 P-L		1992 02 24.40958	10 58 51.37	+09 37 50.4		691
4805 P-L		1992 02 24.43037	10 58 50.16	+09 37 55.9	18.0 V	691
4805 P-L		1992 02 24.45126	10 58 48.97	+09 38 01.9		691
4805 P-L		1992 02 29.23196	10 54 14.86	+10 01 47.8		691
4805 P-L		1992 02 29.25253	10 54 13.60	+10 01 54.2	18.0 V	691

4805	P-L	1992	02	29.28025	10	54	11.88	+10	02	02.4		691
6547	P-L	1992	01	30.21869	08	18	24.04	+24	38	34.5	18.7 V	691
6547	P-L	1992	01	30.24486	08	18	22.31	+24	38	39.1		691
6547	P-L	1992	01	30.27161	08	18	20.48	+24	38	43.8		691
3100	T-1	1992	05	01.14950	13	12	16.07	-08	27	44.8		691
3100	T-1	1992	05	01.16980	13	12	15.25	-08	27	37.0	18.8 V	691
3100	T-1	1992	05	01.19036	13	12	14.39	-08	27	28.3		691
1053	T-2	1992	02	29.32308	10	38	17.49	+07	47	51.8		691
1053	T-2	1992	02	29.35807	10	38	15.53	+07	48	03.5	18.6 V	691
1053	T-2	1992	02	29.37891	10	38	14.38	+07	48	10.7		691
1053	T-2	1992	03	11.23681	10	28	54.44	+08	47	29.2	19.0 V	691
1053	T-2	1992	03	11.25711	10	28	53.43	+08	47	36.1		691
1053	T-2	1992	03	11.27748	10	28	52.41	+08	47	41.8		691
1493	T-2	1992	04	29.14330	13	04	47.77	-05	10	06.0	19.8 V	691
1493	T-2	1992	04	29.16358	13	04	46.98	-05	10	01.6		691
1493	T-2	1992	04	29.18507	13	04	46.19	-05	09	57.9		691
4216	T-2	1992	01	26.23445	08	09	18.68	+11	09	13.6		691
4216	T-2	1992	01	26.25876	08	09	17.79	+11	09	18.3	19.9 V	691
4216	T-2	1992	01	26.29430	08	09	16.39	+11	09	24.7		691
1076	T-3	1991	12	27.46656	08	16	04.27	+23	33	32.6	17.4 V	691
1076	T-3	1991	12	27.48896	08	16	02.87	+23	33	33.1		691
1076	T-3	1991	12	27.51138	08	16	01.53	+23	33	33.6		691
2157	T-3	1991	12	07.34407	04	12	11.90	+19	53	23.2	17.0 V	691
2157	T-3	1991	12	07.36715	04	12	10.47	+19	53	15.6		691
2157	T-3	1991	12	07.38879	04	12	09.15	+19	53	08.1		691
(19)		1992	05	07.15740	13	08	46.71	-07	26	45.4	12.2 V	691
(19)		1992	05	07.18166	13	08	45.73	-07	26	38.9		691
(19)		1992	05	07.20591	13	08	44.74	-07	26	32.3		691
(19)		1992	05	08.14668	13	08	08.87	-07	22	23.0		691
(19)		1992	05	08.16145	13	08	08.29	-07	22	19.1	12.1 V	691
(19)		1992	05	08.17608	13	08	07.72	-07	22	15.3		691
(81)		1992	04	30.15543	12	36	39.61	-07	39	23.9		691
(81)		1992	04	30.17579	12	36	38.86	-07	39	20.5		691
(81)		1992	04	30.19606	12	36	38.04	-07	39	17.2	14.3 V	691
(126)		1992	03	06.21317	09	51	31.81	+16	44	01.9	13.5 V	691
(126)		1992	03	06.24262	09	51	30.27	+16	44	07.1		691
(126)		1992	03	06.26366	09	51	29.15	+16	44	10.8		691
(236)		1992	04	28.28699	14	20	44.95	-08	01	23.6	13.0 V	691
(236)		1992	04	28.31508	14	20	43.55	-08	01	13.8		691
(236)		1992	04	28.33961	14	20	42.35	-08	01	05.0		691
(248)		1991	11	05.09248	01	48	27.16	+14	53	53.3	14.4 V	691
(248)		1991	11	05.11308	01	48	26.12	+14	53	45.5		691
(248)		1991	11	05.13378	01	48	25.01	+14	53	37.4		691
(264)		1992	04	27.27880	14	27	13.47	-11	10	09.0		691
(264)		1992	04	27.30330	14	27	12.11	-11	10	06.2	13.2 V	691
(264)		1992	04	27.32775	14	27	10.76	-11	10	03.5		691
(269)		1992	04	27.20454	13	51	34.09	-03	01	57.2	13.1 V	691
(269)		1992	04	27.23047	13	51	32.74	-03	01	47.7		691
(269)		1992	04	27.25448	13	51	31.50	-03	01	38.8		691
(289)		1992	01	27.21794	08	30	31.75	+10	33	12.2		691
(289)		1992	01	27.24244	08	30	30.44	+10	33	18.6	14.2 V	691
(289)		1992	01	27.27090	08	30	28.91	+10	33	26.2		691
(348)		1992	04	28.41825	15	24	59.62	-08	26	16.4	14.6 V	691
(348)		1992	04	28.43899	15	24	58.62	-08	26	13.8		691
(348)		1992	04	28.45979	15	24	57.62	-08	26	11.4		691
(350)		1992	03	06.16060	04	40	52.18	+23	38	16.3		691
(350)		1992	03	06.17220	04	40	52.84	+23	38	21.6	14.5 V	691
(350)		1992	03	06.18406	04	40	53.51	+23	38	27.0		691
(363)		1991	11	06.32798	02	59	55.63	+13	38	37.0	12.7 V	691

(363)	1991	11	06.33879	02	59	55.00	+13	38	35.9		691
(363)	1991	11	06.35646	02	59	53.95	+13	38	34.1		691
(364)	1992	01	31.31234	09	11	34.90	+21	33	14.8		691
(364)	1992	01	31.34236	09	11	32.89	+21	33	30.0	12.4 V	691
(364)	1992	01	31.37235	09	11	30.86	+21	33	44.5		691
(368)	1991	11	06.18417	02	21	35.58	+15	47	51.7	14.3 V	691
(368)	1991	11	06.22657	02	21	33.55	+15	47	35.0		691
(368)	1992	01	10.09192	02	09	22.17	+12	11	17.4		691
(368)	1992	01	10.11300	02	09	22.78	+12	11	18.5	16.0 V	691
(368)	1992	01	10.13426	02	09	23.38	+12	11	19.9		691
(381)	1992	03	11.41331	11	24	42.16	+16	58	50.3		691
(381)	1992	03	11.43479	11	24	41.24	+16	58	58.8	13.9 V	691
(381)	1992	03	11.45585	11	24	40.31	+16	59	07.3		691
(406)	1992	02	09.32403	08	29	26.31	+19	46	52.0		691
(406)	1992	02	09.34965	08	29	25.00	+19	46	54.9	15.6 V	691
(406)	1992	02	09.37593	08	29	23.66	+19	46	57.6		691
(421)	1992	05	07.39253	15	38	22.77	-11	16	15.1	17.0 V	691
(421)	1992	05	07.40932	15	38	21.87	-11	16	10.5		691
(421)	1992	05	07.42605	15	38	20.98	-11	16	05.5		691
(427)	1992	01	02.43080	08	27	16.77	+19	11	33.0	16.6 V	691
(427)	1992	01	02.45205	08	27	15.79	+19	11	34.7		691
(427)	1992	01	02.47333	08	27	14.82	+19	11	36.5		691
(448)	1992	05	02.20197	13	45	47.37	-09	02	34.3	15.8 V	691
(448)	1992	05	02.22631	13	45	46.17	-09	02	32.4		691
(448)	1992	05	02.24669	13	45	45.18	-09	02	30.3		691
(465)	1991	11	09.08684	01	58	27.30	+18	46	07.2		691
(465)	1991	11	09.10809	01	58	26.35	+18	46	01.4	15.2 V	691
(465)	1991	11	09.13792	01	58	25.03	+18	45	53.9		691
(467)	1992	01	30.13777	08	15	52.30	+23	05	39.2		691
(467)	1992	01	30.16680	08	15	50.60	+23	05	40.9	15.1 V	691
(467)	1992	01	30.19272	08	15	49.13	+23	05	41.7		691
(487)	1992	02	23.23446	10	22	30.93	+20	18	47.4		691
(487)	1992	02	23.26622	10	22	29.24	+20	19	01.3	12.8 V	691
(487)	1992	02	23.29183	10	22	27.86	+20	19	12.9		691
(505)	1991	12	29.11842	04	33	18.88	+19	07	38.0	12.0 V	691
(505)	1991	12	29.14009	04	33	18.03	+19	07	47.1		691
(505)	1991	12	29.16190	04	33	17.32	+19	07	55.4		691
(526)	1992	02	09.49845	10	50	25.57	+08	20	28.6	14.7 V	691
(526)	1992	02	09.51567	10	50	24.93	+08	20	33.4		691
(526)	1992	02	09.53270	10	50	24.27	+08	20	38.0		691
(526)	1992	02	24.39646	10	39	54.77	+09	38	18.8	13.8 V	691
(526)	1992	02	24.41725	10	39	53.79	+09	38	25.5		691
(526)	1992	02	24.43814	10	39	52.79	+09	38	32.4		691
(526)	1992	02	29.21948	10	36	13.37	+10	04	25.6	14.3 V	691
(526)	1992	02	29.24004	10	36	12.38	+10	04	32.3		691
(526)	1992	02	29.26777	10	36	11.05	+10	04	41.4		691
(548)	1992	04	27.13603	12	49	30.63	+01	23	09.8		691
(548)	1992	04	27.15627	12	49	29.72	+01	23	13.4	15.6 V	691
(548)	1992	04	27.17659	12	49	28.80	+01	23	17.1		691
(644)	1991	12	08.29950	04	39	40.44	+21	04	13.5	13.2 V	691
(644)	1991	12	08.32133	04	39	39.05	+21	04	11.7		691
(644)	1991	12	08.34344	04	39	37.64	+21	04	09.6		691
(651)	1991	11	02.23641	01	59	24.03	+10	52	30.7	13.8 V	691
(651)	1991	11	02.25787	01	59	22.83	+10	52	29.8		691
(717)	1992	02	23.37659	10	40	11.83	+08	44	37.8	16.8 V	691
(717)	1992	02	23.39837	10	40	10.83	+08	44	42.9		691
(717)	1992	02	23.42258	10	40	09.73	+08	44	48.9		691
(717)	1992	03	05.35186	10	32	08.21	+09	29	04.5	17.1 V	691
(717)	1992	03	05.37533	10	32	07.05	+09	29	10.1		691

(717)	1992 03 05.39791	10 32 06.05	+09 29 15.4		691
(736)	1992 02 05.27366	08 59 41.87	+16 46 00.1		691
(736)	1992 02 05.29855	08 59 40.20	+16 46 09.5	15.1 V	691
(736)	1992 02 05.33087	08 59 38.01	+16 46 21.8		691
(754)	1992 03 05.50508	13 45 39.95	-02 33 45.4		691
(754)	1992 03 05.52098	13 45 39.65	-02 33 33.5	14.8 V	691
(754)	1992 03 05.53598	13 45 39.44	-02 33 23.9		691
(754)	1992 03 06.49417	13 45 27.00	-02 23 13.9	14.7 V	691
(754)	1992 03 06.50478	13 45 26.84	-02 23 07.2		691
(754)	1992 03 06.51539	13 45 26.67	-02 23 00.3		691
(811)	1992 02 29.22309	10 41 26.60	+10 34 55.9		691
(811)	1992 02 29.24366	10 41 25.60	+10 35 02.7	15.5 V	691
(811)	1992 02 29.27138	10 41 24.25	+10 35 12.1		691
(820)	1991 12 28.15021	05 02 46.64	+17 44 33.8	15.8 V	691
(820)	1991 12 28.17163	05 02 45.62	+17 44 34.7		691
(820)	1991 12 28.19314	05 02 44.60	+17 44 36.0		691
(825)	1992 01 09.45278	08 47 10.51	+19 51 33.2		691
(825)	1992 01 09.47453	08 47 09.32	+19 51 40.1	14.4 V	691
(825)	1992 01 09.49624	08 47 08.17	+19 51 47.2		691
(828)	1991 12 13.23012	04 46 43.79	+23 56 49.4	15.5 V	691
(828)	1991 12 13.24131	04 46 43.09	+23 56 48.4		691
(832)	1992 04 23.35179	13 54 14.66	-12 47 37.5	16.8 V	691
(832)	1992 04 23.38143	13 54 13.16	-12 47 28.9		691
(832)	1992 04 23.40718	13 54 11.87	-12 47 22.0		691
(851)	1991 12 07.48778	07 27 40.00	+18 53 23.7	15.0 V	691
(851)	1991 12 07.50973	07 27 39.35	+18 53 24.8		691
(851)	1991 12 07.53149	07 27 38.72	+18 53 25.7		691
(877)	1992 04 27.13853	12 53 07.50	+01 08 35.2		691
(877)	1992 04 27.15877	12 53 06.58	+01 08 39.3	16.0 V	691
(877)	1992 04 27.17910	12 53 05.69	+01 08 43.6		691
(946)	1991 12 14.15164	03 58 25.07	+20 27 38.9	15.2 V	691
(946)	1991 12 14.17591	03 58 23.92	+20 27 36.5		691
(946)	1991 12 14.19922	03 58 22.83	+20 27 34.0		691
(946)	1992 01 01.07464	03 48 10.39	+20 05 44.0	15.7 V	691
(946)	1992 01 01.09679	03 48 09.87	+20 05 43.4		691
(946)	1992 01 01.11913	03 48 09.30	+20 05 42.8		691
(954)	1992 04 29.13796	12 57 05.80	-04 59 36.6	15.6 V	691
(954)	1992 04 29.15825	12 57 05.04	-04 59 32.0		691
(954)	1992 04 29.17974	12 57 04.29	-04 59 26.7		691
(962)	1991 12 08.42848	07 17 39.26	+19 25 21.7		691
(962)	1991 12 08.45043	07 17 38.42	+19 25 23.0		691
(962)	1991 12 08.47212	07 17 37.59	+19 25 24.5	15.8 V	691
(969)	1992 02 09.24252	07 53 36.80	+19 47 36.5	16.3 V	691
(969)	1992 02 09.26895	07 53 35.44	+19 47 39.0		691
(969)	1992 02 09.29460	07 53 34.14	+19 47 41.2		691
(981)	1992 04 24.38988	14 21 54.63	-13 36 52.8	15.6 V	691
(981)	1992 04 24.41146	14 21 53.59	-13 36 48.4		691
(981)	1992 04 24.43214	14 21 52.63	-13 36 44.1		691
(981)	1992 05 08.24257	14 11 07.12	-12 48 32.5	16.6 V	691
(981)	1992 05 08.26771	14 11 05.92	-12 48 27.1		691
(981)	1992 05 08.29110	14 11 04.84	-12 48 22.4		691
(999)	1991 11 05.46788	03 22 25.56	+14 36 04.7	14.1 V	691
(999)	1991 11 05.48866	03 22 24.40	+14 35 53.5		691
(999)	1991 11 05.50967	03 22 23.22	+14 35 42.1		691
(1029)	1992 03 06.21280	09 51 00.39	+16 21 06.3		691
(1029)	1992 03 06.24226	09 50 59.02	+16 21 11.1	15.9 V	691
(1029)	1992 03 06.26330	09 50 58.03	+16 21 14.5		691
(1029)	1992 03 11.36859	09 47 26.53	+16 34 02.5		691
(1029)	1992 03 11.38155	09 47 25.92	+16 34 04.2	16.2 V	691

(1029)	1992 03	11.39439	09 47	25.43	+16 34	05.9		691
(1110)	1991 11	07.08736	01 58	36.27	+16 59	19.2	13.9 V	691
(1110)	1991 11	07.10846	01 58	35.15	+16 59	06.9		691
(1110)	1991 11	07.12923	01 58	34.07	+16 58	55.0		691
(1132)	1991 11	06.18108	02 17	08.52	+15 40	59.4	15.1 V	691
(1132)	1991 11	06.22348	02 17	05.88	+15 40	53.7		691
(1141)	1992 02	27.26663	10 36	31.25	+14 39	54.8	16.9 V	691
(1141)	1992 02	27.29168	10 36	29.74	+14 40	06.0		691
(1141)	1992 02	27.31692	10 36	28.06	+14 40	15.7		691
(1142)	1992 02	05.17004	08 47	08.13	+17 27	57.2		691
(1142)	1992 02	05.18818	08 47	07.22	+17 28	01.4	15.3 V	691
(1142)	1992 02	05.20790	08 47	06.26	+17 28	05.8		691
(1210)	1991 12	31.32561	07 37	25.25	+21 53	40.3		691
(1210)	1991 12	31.34773	07 37	24.12	+21 53	46.5	15.2 V	691
(1210)	1991 12	31.36983	07 37	22.97	+21 53	52.8		691
(1227)	1992 02	29.40595	11 20	20.64	+12 00	36.4	16.6 V	691
(1227)	1992 02	29.42501	11 20	19.68	+12 00	39.0		691
(1227)	1992 02	29.44328	11 20	18.74	+12 00	41.5		691
(1251)	1992 02	23.45224	11 37	59.26	+06 29	52.0	16.0 V	691
(1251)	1992 02	23.48181	11 37	58.02	+06 30	03.2		691
(1251)	1992 02	23.51219	11 37	56.73	+06 30	15.0		691
(1254)	1992 02	06.16802	08 18	52.78	+16 07	37.8		691
(1254)	1992 02	06.18911	08 18	51.76	+16 07	39.3	16.3 V	691
(1254)	1992 02	06.21028	08 18	50.64	+16 07	40.6		691
(1259)	1991 11	08.48808	03 39	31.27	+18 16	54.8	15.6 V	691
(1259)	1991 11	08.50580	03 39	30.41	+18 16	52.5		691
(1259)	1991 11	08.52304	03 39	29.60	+18 16	50.2		691
(1265)	1992 02	09.33050	08 38	46.09	+19 21	01.8		691
(1265)	1992 02	09.35611	08 38	44.68	+19 21	02.0	15.9 V	691
(1265)	1992 02	09.38240	08 38	43.22	+19 21	01.8		691
(1281)	1991 12	03.34307	04 09	52.82	+14 24	52.7		691
(1281)	1991 12	03.36396	04 09	51.61	+14 24	47.8	16.1 V	691
(1281)	1991 12	03.38482	04 09	50.40	+14 24	43.0		691
(1329)	1992 02	24.34028	10 22	31.88	+18 12	36.8	15.5 V	691
(1329)	1992 02	24.36196	10 22	30.72	+18 12	48.0		691
(1329)	1992 02	24.38325	10 22	29.59	+18 12	58.9		691
(1356)	1991 11	04.47733	03 17	58.34	+13 31	00.6		691
(1356)	1991 11	04.49621	03 17	57.36	+13 30	59.1	15.1 V	691
(1356)	1991 11	04.51492	03 17	56.40	+13 30	57.4		691
(1394)	1992 02	06.16591	08 15	49.62	+16 24	13.6	16.2 V	691
(1394)	1992 02	06.18699	08 15	48.41	+16 24	19.2		691
(1394)	1992 02	06.20816	08 15	47.19	+16 24	24.2		691
(1397)	1992 02	24.16359	09 43	25.39	+18 43	07.0		691
(1397)	1992 02	24.19345	09 43	23.75	+18 43	15.1	16.5 V	691
(1397)	1992 02	24.22213	09 43	22.15	+18 43	22.8		691
(1438)	1992 04	24.24950	13 56	01.44	-13 10	31.6		691
(1438)	1992 04	24.27009	13 56	00.53	-13 10	26.5	17.6 V	691
(1438)	1992 04	24.29083	13 55	59.61	-13 10	21.0		691
(1457)	1991 11	28.07676	02 13	42.21	+21 59	06.1		691
(1457)	1991 11	28.09833	02 13	41.30	+21 58	59.4		691
(1457)	1991 11	28.11984	02 13	40.48	+21 58	52.6	16.2 V	691
(1469)	1992 05	07.43785	15 53	17.29	-06 18	49.5	15.2 V	691
(1469)	1992 05	07.45049	15 53	16.75	-06 18	45.5		691
(1469)	1992 05	07.46392	15 53	16.19	-06 18	40.9		691
(1490)	1991 12	29.18681	04 23	30.14	+20 10	57.6		691
(1490)	1991 12	29.20846	04 23	29.26	+20 10	49.6	16.1 V	691
(1490)	1991 12	29.23007	04 23	28.39	+20 10	42.2		691
(1514)	1992 02	27.11977	09 32	37.70	+14 41	33.3		691
(1514)	1992 02	27.14138	09 32	36.46	+14 41	41.6	17.1 V	691

(1514)	1992 02	27.16253	09 32	35.25	+14 41	49.1		691
(1539)	1992 01	02.41287	08 00	51.21	+19 14	36.7	17.0 V	691
(1539)	1992 01	02.43413	08 00	50.17	+19 14	40.2		691
(1539)	1992 01	02.45542	08 00	49.11	+19 14	43.5		691
(1539)	1992 01	09.29797	07 55	06.74	+19 33	14.7		691
(1539)	1992 01	09.31971	07 55	05.60	+19 33	18.8	15.6 V	691
(1539)	1992 01	09.34124	07 55	04.45	+19 33	22.8		691
(1586)	1992 02	09.32893	08 36	30.66	+19 26	25.7	15.2 V	691
(1586)	1992 02	09.35455	08 36	29.11	+19 26	35.4		691
(1586)	1992 02	09.38083	08 36	27.67	+19 26	43.1		691
(1603)	1992 02	25.12294	09 48	55.41	+17 20	02.3	15.3 V	691
(1603)	1992 02	25.14893	09 48	54.13	+17 20	10.6		691
(1635)	1992 04	24.32898	14 26	45.56	-12 57	06.5	15.1 V	691
(1635)	1992 04	24.34974	14 26	44.51	-12 57	00.9		691
(1635)	1992 04	24.37160	14 26	43.42	-12 56	54.9		691
(1672)	1991 11	11.48369	04 26	48.31	+20 12	23.0	15.5 V	691
(1672)	1991 11	11.50343	04 26	47.49	+20 12	20.4		691
(1672)	1991 11	11.52320	04 26	46.76	+20 12	18.1		691
(1729)	1992 02	28.45475	12 08	36.42	+00 26	21.2	16.1 V	691
(1729)	1992 02	28.47537	12 08	35.43	+00 26	25.9		691
(1729)	1992 02	28.50987	12 08	33.76	+00 26	34.3		691
(1736)	1992 03	06.36743	10 34	30.31	+09 06	04.2	15.8 V	691
(1736)	1992 03	06.38769	10 34	29.13	+09 06	14.1		691
(1736)	1992 03	06.40810	10 34	27.94	+09 06	23.7		691
(1759)	1992 02	01.47730	12 10	40.13	+00 00	07.3		691
(1759)	1992 02	01.50127	12 10	39.75	+00 00	11.1		691
(1759)	1992 02	01.52534	12 10	39.31	+00 00	15.2	19.7 V	691
(1764)	1991 11	05.45760	03 07	20.30	+14 26	12.9	17.0 V	691
(1764)	1991 11	05.47839	03 07	19.29	+14 26	07.7		691
(1764)	1991 11	05.49941	03 07	18.51	+14 26	03.5		691
(1821)	1991 11	12.24017	02 49	31.04	+19 42	09.1	16.9 V	691
(1821)	1991 11	12.26194	02 49	29.62	+19 42	02.2		691
(1821)	1991 11	12.28794	02 49	27.93	+19 41	54.3		691
(1851)	1992 04	24.25511	14 04	07.36	-12 58	17.7	18.5 V	691
(1851)	1992 04	24.27570	14 04	06.39	-12 58	13.4		691
(1851)	1992 04	24.29644	14 04	05.45	-12 58	08.7		691
(1912)	1992 02	09.40090	09 22	50.90	+19 44	01.7		691
(1912)	1992 02	09.42713	09 22	49.48	+19 44	08.5	16.4 V	691
(1912)	1992 02	09.45740	09 22	47.87	+19 44	16.4		691
(1914)	1992 02	01.21150	08 19	40.60	+20 21	32.6	17.2 V	691
(1914)	1992 02	01.23308	08 19	39.24	+20 21	39.4		691
(1914)	1992 02	01.25932	08 19	37.60	+20 21	47.5		691
(1978)	1991 12	13.10213	01 41	58.33	+09 57	08.4	16.6 V	691
(1978)	1991 12	13.12266	01 41	58.56	+09 57	13.3		691
(1978)	1991 12	13.14340	01 41	58.77	+09 57	18.3		691
(2053)	1992 04	28.35020	14 20	28.99	-08 45	49.6	17.0 V	691
(2053)	1992 04	28.37090	14 20	27.94	-08 45	41.5		691
(2053)	1992 04	28.39158	14 20	27.13	-08 45	33.8		691
(2054)	1991 11	09.09308	02 07	27.55	+18 44	48.5	16.7 V	691
(2054)	1991 11	09.11433	02 07	26.49	+18 44	42.2		691
(2054)	1991 11	09.14415	02 07	25.02	+18 44	33.7		691
(2060)	1992 01	28.18452	08 27	56.27	+11 14	40.7		691
(2060)	1992 01	28.20877	08 27	55.82	+11 14	42.8	16.2 V	691
(2060)	1992 01	28.23290	08 27	55.40	+11 14	44.6		691
(2066)	1991 12	04.31315	04 45	25.18	+18 03	36.9	16.5 V	691
(2066)	1991 12	04.33445	04 45	23.74	+18 03	35.3		691
(2067)	1992 04	27.27987	14 28	46.14	-10 46	52.6	17.1 V	691
(2067)	1992 04	27.30438	14 28	45.21	-10 46	47.6		691
(2067)	1992 04	27.32883	14 28	44.30	-10 46	42.8		691

(2080)	1992 02	24.17017	09 52	55.30	+19 04	07.7	16.0 V	691
(2080)	1992 02	24.20003	09 52	53.28	+19 04	14.8		691
(2080)	1992 02	24.22871	09 52	51.38	+19 04	19.7		691
(2114)	1991 12	14.47065	08 13	32.52	+20 38	02.9	17.1 V	691
(2114)	1991 12	14.49271	08 13	31.96	+20 38	06.7		691
(2114)	1991 12	14.51444	08 13	31.37	+20 38	06.4		691
(2121)	1991 12	03.40889	04 12	40.25	+13 36	51.5		691
(2121)	1991 12	03.42985	04 12	38.81	+13 36	48.9	15.7 V	691
(2121)	1991 12	03.45056	04 12	37.37	+13 36	46.3		691
(2121)	1991 12	13.34131	04 02	14.28	+13 24	16.7		691
(2121)	1991 12	13.34856	04 02	13.82	+13 24	16.2	16.2 V	691
(2121)	1991 12	13.35564	04 02	13.40	+13 24	15.9		691
(2124)	1991 11	12.37589	03 16	29.82	+19 11	13.9	16.1 V	691
(2124)	1991 11	12.39785	03 16	28.57	+19 11	13.3		691
(2124)	1991 11	12.42221	03 16	27.16	+19 11	11.9		691
(2188)	1991 12	29.13483	04 57	18.99	+19 20	01.8		691
(2188)	1991 12	29.15649	04 57	17.97	+19 20	01.6	16.5 V	691
(2188)	1991 12	29.17829	04 57	16.96	+19 20	01.6		691
(2196)	1992 04	25.40151	15 15	45.98	-14 34	03.3	15.7 V	691
(2196)	1992 04	25.42225	15 15	45.15	-14 33	56.4		691
(2196)	1992 04	25.45010	15 15	44.01	-14 33	45.1		691
(2203)	1992 01	01.50529	09 21	28.98	+17 44	27.1	17.3 V	691
(2203)	1992 01	01.52662	09 21	28.33	+17 44	30.6		691
(2203)	1992 01	01.54960	09 21	27.62	+17 44	34.3		691
(2203)	1992 02	01.35258	08 59	13.15	+19 32	08.0		691
(2203)	1992 02	01.37841	08 59	11.82	+19 32	13.4		691
(2203)	1992 02	01.40425	08 59	10.46	+19 32	19.1	17.3 V	691
(2210)	1992 03	11.19957	09 53	05.64	+15 06	54.5	19.5 V	691
(2210)	1992 03	11.22040	09 53	04.67	+15 07	00.1		691
(2213)	1992 02	09.31918	08 22	26.09	+19 48	11.8		691
(2213)	1992 02	09.34479	08 22	24.51	+19 48	19.9	17.6 V	691
(2213)	1992 02	09.37108	08 22	22.88	+19 48	28.5		691
(2217)	1992 04	29.15354	13 19	34.83	-04 58	54.5		691
(2217)	1992 04	29.17382	13 19	33.99	-04 58	49.9	16.8 V	691
(2217)	1992 04	29.19531	13 19	33.10	-04 58	45.4		691
(2228)	1992 04	27.27151	14 16	41.65	-10 51	18.0		691
(2228)	1992 04	27.29601	14 16	40.52	-10 51	11.5	17.0 V	691
(2228)	1992 04	27.32046	14 16	39.42	-10 51	06.0		691
(2248)	1991 12	13.23393	04 52	58.04	+24 09	59.8	16.1 V	691
(2248)	1991 12	13.24511	04 52	57.44	+24 09	58.8		691
(2248)	1992 03	06.16277	04 44	00.62	+23 44	18.5	17.8 V	691
(2248)	1992 03	06.17437	04 44	01.18	+23 44	19.2		691
(2248)	1992 03	06.18623	04 44	01.75	+23 44	20.0		691
(2264)	1992 02	28.44443	11 53	42.66	+00 28	38.9	16.7 V	691
(2264)	1992 02	28.46506	11 53	41.86	+00 28	44.3		691
(2264)	1992 02	28.49956	11 53	40.53	+00 28	52.4		691
(2286)	1992 01	01.49934	09 12	53.96	+18 05	40.1		691
(2286)	1992 01	01.52067	09 12	53.14	+18 05	44.5		691
(2286)	1992 01	01.54365	09 12	52.22	+18 05	49.6	17.3 V	691
(2286)	1992 02	01.29529	08 42	57.18	+20 25	42.8		691
(2286)	1992 02	01.31711	08 42	55.64	+20 25	48.6		691
(2286)	1992 02	01.33887	08 42	54.12	+20 25	54.5	16.6 V	691
(2310)	1991 11	04.22790	03 00	44.46	+12 55	28.3		691
(2310)	1991 11	04.25049	03 00	43.32	+12 55	23.3	15.8 V	691
(2310)	1991 11	04.27291	03 00	42.21	+12 55	18.8		691
(2310)	1991 11	05.31688	02 59	51.38	+12 51	41.8	15.9 V	691
(2310)	1991 11	05.33390	02 59	50.50	+12 51	38.2		691
(2310)	1991 11	05.35465	02 59	49.45	+12 51	34.2		691
(2327)	1991 11	09.32780	03 53	19.54	+13 41	30.1		691

(2327)	1991 11 09.34844	03 53 18.34	+13 41 23.8		691
(2327)	1991 11 09.37278	03 53 16.93	+13 41 16.4	16.4 V	691
(2332)	1992 01 28.10905	03 30 03.78	+22 20 41.5		691
(2332)	1992 01 28.13309	03 30 04.10	+22 20 45.5	16.4 V	691
(2332)	1992 01 28.15795	03 30 04.46	+22 20 49.9		691
(2388)	1992 02 05.17917	09 00 18.98	+17 46 57.4		691
(2388)	1992 02 05.19731	09 00 17.78	+17 47 01.2	16.8 V	691
(2388)	1992 02 05.21703	09 00 16.50	+17 47 05.3		691
(2392)	1992 02 26.11977	09 15 30.06	+16 22 59.2		691
(2392)	1992 02 26.14159	09 15 29.06	+16 23 05.8	17.2 V	691
(2392)	1992 02 26.16295	09 15 28.03	+16 23 13.0		691
(2394)	1992 01 09.36617	07 57 30.81	+20 05 35.4		691
(2394)	1992 01 09.39129	07 57 29.50	+20 05 39.9	16.1 V	691
(2394)	1992 01 09.41495	07 57 28.24	+20 05 44.2		691
(2397)	1992 02 27.11899	09 31 30.03	+14 49 19.6		691
(2397)	1992 02 27.14060	09 31 29.14	+14 49 29.0	15.6 V	691
(2397)	1992 02 27.16176	09 31 28.25	+14 49 37.9		691
(2417)	1991 12 08.13617	03 34 44.95	+17 23 41.4	16.4 V	691
(2417)	1991 12 08.15754	03 34 43.94	+17 23 40.2		691
(2417)	1991 12 08.18433	03 34 42.69	+17 23 38.9		691
(2437)	1991 12 07.41021	07 16 33.08	+18 06 22.4	16.0 V	691
(2437)	1991 12 07.43458	07 16 31.95	+18 06 21.0		691
(2437)	1991 12 07.46175	07 16 30.65	+18 06 19.8		691
(2440)	1991 11 06.19331	02 34 48.06	+15 53 26.2	16.2 V	691
(2440)	1991 11 06.23571	02 34 45.33	+15 53 07.2		691
(2453)	1992 02 25.34226	10 42 12.71	+17 44 05.0		691
(2453)	1992 02 25.36782	10 42 11.32	+17 44 09.4	16.7 V	691
(2453)	1992 02 25.39319	10 42 09.98	+17 44 13.7		691
(2488)	1992 04 29.28636	14 30 31.32	-10 04 38.8	17.6 V	691
(2488)	1992 04 29.33871	14 30 27.94	-10 04 29.1		691
(2488)	1992 05 09.26125	14 19 53.96	-09 36 22.4		691
(2488)	1992 05 09.27243	14 19 53.23	-09 36 20.4		691
(2521)	1991 11 04.35161	03 46 47.18	+28 38 29.3	16.5 V	691
(2521)	1991 11 04.37457	03 46 45.96	+28 38 25.2		691
(2521)	1991 11 04.39726	03 46 44.77	+28 38 21.2		691
(2521)	1991 12 03.21907	03 20 05.67	+26 23 36.9		691
(2521)	1991 12 03.23784	03 20 04.69	+26 23 30.3	16.8 V	691
(2521)	1991 12 03.25603	03 20 03.70	+26 23 24.0		691
(2521)	1991 12 13.30279	03 12 33.71	+25 24 25.0	16.9 V	691
(2521)	1991 12 13.31716	03 12 33.12	+25 24 19.9		691
(2521)	1991 12 13.33180	03 12 32.54	+25 24 14.6		691
(2521)	1992 01 28.09580	03 10 56.48	+22 32 01.3	16.9 V	691
(2521)	1992 01 28.11985	03 10 57.25	+22 31 59.3		691
(2521)	1992 01 28.14472	03 10 58.05	+22 31 57.0		691
(2521)	1992 01 29.09376	03 11 30.04	+22 30 51.1	17.1 V	691
(2521)	1992 01 29.11536	03 11 30.74	+22 30 49.4		691
(2521)	1992 01 29.13683	03 11 31.47	+22 30 47.7		691
(2535)	1991 11 08.39640	02 54 06.21	+11 28 20.0	14.9 V	691
(2535)	1991 11 08.41690	02 54 04.90	+11 28 12.6		691
(2535)	1991 11 08.43751	02 54 03.58	+11 28 05.2		691
(2541)	1991 11 02.39091	02 26 25.93	+11 09 29.6		691
(2541)	1991 11 02.41169	02 26 24.75	+11 09 26.0		691
(2541)	1991 11 02.43218	02 26 23.73	+11 09 22.2	16.2 V	691
(2555)	1991 12 14.45841	07 55 51.78	+20 44 58.1	16.6 V	691
(2555)	1991 12 14.48046	07 55 51.02	+20 44 59.4		691
(2555)	1991 12 14.50219	07 55 50.27	+20 45 01.0		691
(2555)	1991 12 31.40877	07 43 22.75	+21 12 31.8	16.7 V	691
(2555)	1991 12 31.43082	07 43 21.61	+21 12 34.1		691
(2555)	1991 12 31.45282	07 43 20.38	+21 12 35.9		691

(2597)	1991 11 07.46291	03 21 58.51	+16 46 13.2	15.9 V	691
(2597)	1991 11 07.48466	03 21 57.38	+16 46 08.9		691
(2597)	1991 11 07.50572	03 21 56.29	+16 46 04.7		691
(2597)	1991 11 29.28306	03 03 55.72	+15 40 57.6		691
(2597)	1991 11 29.30508	03 03 54.72	+15 40 52.5	16.3 V	691
(2597)	1991 11 29.32603	03 03 53.77	+15 40 49.4		691
(2619)	1991 12 08.29684	04 35 50.11	+20 50 10.4	17.2 V	691
(2619)	1991 12 08.31867	04 35 48.89	+20 50 07.7		691
(2619)	1991 12 08.34078	04 35 47.69	+20 50 05.4		691
(2623)	1992 02 25.43393	10 53 06.38	+08 19 07.0	17.6 V	691
(2623)	1992 02 25.47171	10 53 03.98	+08 19 18.2		691
(2623)	1992 02 25.49231	10 53 02.67	+08 19 24.2		691
(2657)	1991 12 13.23322	04 51 57.04	+24 04 23.2	16.4 V	691
(2657)	1991 12 13.24441	04 51 56.44	+24 04 22.7		691
(2668)	1992 01 09.37821	08 14 53.70	+20 03 08.5		691
(2668)	1992 01 09.40332	08 14 52.03	+20 03 11.2		691
(2668)	1992 01 09.42698	08 14 50.46	+20 03 14.1	17.2 V	691
(2668)	1992 01 10.27042	08 13 56.30	+20 04 52.0		691
(2668)	1992 01 10.28378	08 13 55.40	+20 04 54.1	17.7 V	691
(2668)	1992 01 10.29157	08 13 54.88	+20 04 55.1		691
(2700)	1991 12 07.42314	07 35 13.47	+18 19 53.8		691
(2700)	1991 12 07.44752	07 35 12.77	+18 19 54.5	16.3 V	691
(2700)	1991 12 07.47469	07 35 11.98	+18 19 55.0		691
(2721)	1991 12 08.29152	04 28 08.78	+20 55 15.7	16.2 V	691
(2721)	1991 12 08.31335	04 28 07.60	+20 55 13.9		691
(2721)	1991 12 08.33546	04 28 06.31	+20 55 11.8		691
(2731)	1992 01 26.31784	08 37 40.87	+10 57 25.5	18.1 V	691
(2731)	1992 01 26.34228	08 37 39.76	+10 57 32.7		691
(2731)	1992 01 26.36668	08 37 38.61	+10 57 39.6		691
(2731)	1992 01 28.19029	08 36 16.22	+11 06 43.7	16.5 V	691
(2731)	1992 01 28.21454	08 36 15.12	+11 06 51.1		691
(2731)	1992 01 28.23866	08 36 13.99	+11 06 58.5		691
(2777)	1992 04 29.14274	13 03 59.34	-05 05 30.1	16.8 V	691
(2777)	1992 04 29.16302	13 03 58.37	-05 05 27.6		691
(2777)	1992 04 29.18451	13 03 57.33	-05 05 25.7		691
(2814)	1992 04 25.23758	14 43 53.90	-12 18 47.1	17.3 V	691
(2814)	1992 04 25.25807	14 43 52.90	-12 18 42.4		691
(2814)	1992 04 25.27844	14 43 51.90	-12 18 36.8		691
(2852)	1991 11 11.49849	04 48 46.66	+20 32 02.4	16.7 V	691
(2852)	1991 11 11.51824	04 48 45.73	+20 32 01.1		691
(2852)	1991 11 11.53800	04 48 44.81	+20 31 59.3		691
(2877)	1991 11 04.15587	02 47 44.70	+13 53 09.6	17.2 V	691
(2877)	1991 11 04.17651	02 47 43.61	+13 53 05.8		691
(2877)	1991 11 04.19715	02 47 42.54	+13 53 01.7		691
(2910)	1992 04 25.30816	13 51 08.95	-10 17 16.6	17.2 V	691
(2910)	1992 04 25.33435	13 51 07.23	-10 17 09.1		691
(2910)	1992 04 25.35461	13 51 05.92	-10 17 03.8		691
(2917)	1992 02 29.23009	10 51 32.75	+10 33 39.2	16.6 V	691
(2917)	1992 02 29.25065	10 51 31.55	+10 33 41.7		691
(2917)	1992 02 29.27838	10 51 29.93	+10 33 44.8		691
(2917)	1992 03 11.30738	10 41 06.01	+10 51 41.9	17.0 V	691
(2917)	1992 03 11.32833	10 41 04.84	+10 51 43.6		691
(2917)	1992 03 11.34886	10 41 03.70	+10 51 45.1		691
(2946)	1991 11 06.18703	02 25 43.29	+15 36 40.3	15.7 V	691
(2946)	1991 11 06.22943	02 25 40.79	+15 36 29.1		691
(2949)	1992 02 28.47761	12 11 48.73	+00 11 29.4	17.8 V	691
(2949)	1992 02 28.51210	12 11 47.23	+00 11 44.2		691
(2966)	1992 02 25.12245	09 48 12.63	+17 40 52.0		691
(2966)	1992 02 25.14843	09 48 11.13	+17 40 59.4		691

(2966)	1992 02	25.19015	09 48	08.56	+17 41	10.5	17.2 V	691
(2971)	1992 04	29.35832	14 58	18.77	-10 07	39.5	16.7 V	691
(2971)	1992 04	29.37875	14 58	17.43	-10 07	36.1		691
(2971)	1992 04	29.39967	14 58	16.05	-10 07	33.0		691
(2987)	1992 03	06.36516	10 30	37.44	+09 07	19.4		691
(2987)	1992 03	06.38543	10 30	36.44	+09 07	25.5		691
(2987)	1992 03	06.40585	10 30	35.46	+09 07	31.7	16.9 V	691
(3064)	1992 04	23.28885	13 19	14.30	-04 06	11.2	17.2 V	691
(3064)	1992 04	23.30910	13 19	13.31	-04 06	04.6		691
(3064)	1992 04	23.32929	13 19	12.29	-04 05	58.6		691
(3148)	1992 02	26.12540	09 23	49.66	+15 58	07.5	17.5 V	691
(3148)	1992 02	26.14722	09 23	48.62	+15 58	10.3		691
(3148)	1992 02	26.16857	09 23	47.69	+15 58	15.3		691
(3165)	1991 11	08.40005	02 59	22.27	+11 40	52.5		691
(3165)	1991 11	08.42054	02 59	20.85	+11 40	49.3	15.4 V	691
(3165)	1991 11	08.44115	02 59	19.43	+11 40	46.1		691
(3175)	1992 04	24.25869	14 09	17.62	-12 56	42.3		691
(3175)	1992 04	24.27928	14 09	16.40	-12 56	36.1	17.7 V	691
(3175)	1992 04	24.30001	14 09	15.19	-12 56	29.6		691
(3183)	1992 02	28.19296	09 55	34.71	+13 45	16.5		691
(3183)	1992 02	28.21027	09 55	33.94	+13 45	21.3	18.6 V	691
(3183)	1992 02	28.22736	09 55	33.23	+13 45	25.0		691
(3184)	1992 05	06.33699	15 49	30.16	-10 31	22.1	16.7 V	691
(3184)	1992 05	06.36147	15 49	28.82	-10 31	19.4		691
(3184)	1992 05	06.38599	15 49	27.48	-10 31	16.5		691
(3201)	1991 11	29.35094	03 39	12.52	+15 27	36.0	17.1 V	691
(3201)	1991 11	29.37171	03 39	11.11	+15 27	32.9		691
(3209)	1992 03	05.50237	13 41	45.24	-02 23	49.8		691
(3209)	1992 03	05.51827	13 41	45.02	-02 23	44.3	17.7 V	691
(3209)	1992 03	05.53327	13 41	44.82	-02 23	38.7		691
(3213)	1992 02	09.50107	10 54	12.45	+08 11	45.5		691
(3213)	1992 02	09.51829	10 54	11.81	+08 11	49.1	19.7 V	691
(3213)	1992 02	09.53532	10 54	11.17	+08 11	52.9		691
(3213)	1992 02	23.37977	10 44	46.60	+09 08	56.3	18.2 V	691
(3213)	1992 02	23.40154	10 44	45.63	+09 09	02.2		691
(3213)	1992 02	23.42575	10 44	44.56	+09 09	07.7		691
(3213)	1992 03	06.28575	10 36	07.55	+09 59	07.8	18.5 V	691
(3213)	1992 03	06.30614	10 36	06.64	+09 59	12.5		691
(3213)	1992 03	06.34486	10 36	04.94	+09 59	22.1		691
(3214)	1992 04	30.43827	16 03	10.73	-07 40	15.7		691
(3214)	1992 04	30.45485	16 03	10.00	-07 40	16.4	17.6 V	691
(3214)	1992 04	30.47344	16 03	09.21	-07 40	14.5		691
(3229)	1992 01	01.37742	08 37	34.57	+21 11	09.8	17.3 V	691
(3229)	1992 01	01.39919	08 37	33.34	+21 11	11.0		691
(3229)	1992 01	01.42117	08 37	32.03	+21 11	11.1		691
(3229)	1992 01	31.15998	08 04	13.25	+21 22	59.1		691
(3229)	1992 01	31.18540	08 04	11.43	+21 23	00.9		691
(3229)	1992 01	31.21129	08 04	09.70	+21 22	58.5	16.7 V	691
(3326)	1992 02	09.40196	09 24	22.63	+19 18	54.2	17.1 V	691
(3326)	1992 02	09.42818	09 24	20.99	+19 19	00.5		691
(3326)	1992 02	09.45845	09 24	18.97	+19 19	08.6		691
(3334)	1992 01	01.37699	08 36	57.21	+21 05	13.1		691
(3334)	1992 01	01.39876	08 36	56.26	+21 05	18.0	16.5 V	691
(3334)	1992 01	01.42075	08 36	55.33	+21 05	23.0		691
(3334)	1992 01	30.13526	08 12	15.20	+22 57	40.7	16.5 V	691
(3334)	1992 01	30.16429	08 12	13.61	+22 57	46.7		691
(3334)	1992 01	30.19022	08 12	12.18	+22 57	52.0		691
(3367)	1992 01	28.33686	09 04	56.51	+09 28	44.7	16.3 V	691
(3367)	1992 01	28.36181	09 04	55.12	+09 28	47.6		691

(3367)	1992 01	28.38920	09 04	53.60	+09 28	51.2		691
(3380)	1991 12	31.34042	07 58	48.49	+22 10	31.6	16.7 V	691
(3380)	1991 12	31.36254	07 58	47.38	+22 10	36.4		691
(3380)	1991 12	31.38465	07 58	46.27	+22 10	40.9		691
(3399)	1992 01	13.29043	08 13	42.08	+20 06	24.7		691
(3399)	1992 01	13.30550	08 13	41.31	+20 06	27.2	17.9 V	691
(3399)	1992 01	13.31549	08 13	40.79	+20 06	28.9		691
(3418)	1991 12	31.33442	07 50	08.56	+22 13	05.0		691
(3418)	1991 12	31.35654	07 50	07.44	+22 13	08.9	17.7 V	691
(3418)	1991 12	31.37865	07 50	06.52	+22 13	10.4		691
(3441)	1991 11	05.46863	03 23	30.55	+14 24	44.9	16.9 V	691
(3441)	1991 11	05.48941	03 23	29.48	+14 24	41.3		691
(3441)	1991 11	05.51042	03 23	28.42	+14 24	37.7		691
(3459)	1991 12	28.30775	07 34	25.35	+22 42	05.2	16.9 V	691
(3459)	1991 12	28.33158	07 34	23.82	+22 42	11.2		691
(3459)	1991 12	28.35392	07 34	22.34	+22 42	16.8		691
(3460)	1991 12	27.37875	07 34	28.63	+23 00	11.6		691
(3460)	1991 12	27.40153	07 34	27.47	+23 00	16.1		691
(3460)	1991 12	27.42376	07 34	26.31	+23 00	19.2	17.7 V	691
(3508)	1991 11	06.08237	01 46	46.82	+16 33	35.9		691
(3508)	1991 11	06.10609	01 46	45.56	+16 33	31.4		691
(3508)	1991 11	06.12675	01 46	44.48	+16 33	27.6	17.0 V	691
(3526)	1991 11	03.22805	02 09	10.56	+11 25	37.7		691
(3526)	1991 11	03.26186	02 09	08.62	+11 25	34.1	16.8 V	691
(3526)	1991 11	03.28261	02 09	07.43	+11 25	31.7		691
(3545)	1991 11	05.24911	02 53	03.10	+15 07	48.3	16.0 V	691
(3545)	1991 11	05.27335	02 53	01.77	+15 07	43.9		691
(3545)	1991 11	05.29415	02 53	00.62	+15 07	40.4		691
(3616)	1992 02	24.47366	11 32	33.68	+18 51	34.7		691
(3616)	1992 02	24.49753	11 32	32.63	+18 51	50.1	16.6 V	691
(3616)	1992 02	24.52144	11 32	31.60	+18 52	05.5		691
(3661)	1992 04	23.35141	13 53	41.82	-12 25	39.1		691
(3661)	1992 04	23.38105	13 53	40.49	-12 25	35.9	17.7 V	691
(3661)	1992 04	23.40680	13 53	39.17	-12 25	29.9		691
(3677)	1991 11	03.23210	02 15	00.78	+11 44	36.0	16.1 V	691
(3677)	1991 11	03.26590	02 14	58.79	+11 44	20.0		691
(3677)	1991 11	03.28665	02 14	57.52	+11 44	09.5		691
(3686)	1992 04	26.31578	14 00	00.31	-01 53	32.7	16.1 V	691
(3686)	1992 04	26.33984	13 59	59.11	-01 53	26.3		691
(3686)	1992 04	26.36395	13 59	57.93	-01 53	19.8		691
(3723)	1991 12	30.12125	04 38	52.13	+21 36	39.9		691
(3723)	1991 12	30.14313	04 38	50.97	+21 36	38.5	18.3 V	691
(3723)	1991 12	30.16494	04 38	49.80	+21 36	37.1		691
(3727)	1992 04	27.36886	14 44	26.84	-09 16	18.8		691
(3727)	1992 04	27.38932	14 44	25.93	-09 16	13.6	17.0 V	691
(3727)	1992 04	27.40979	14 44	25.03	-09 16	08.1		691
(3732)	1991 12	31.40231	07 34	03.26	+21 18	48.6	18.0 V	691
(3732)	1991 12	31.42435	07 34	01.71	+21 18	50.8		691
(3732)	1991 12	31.44635	07 34	00.16	+21 18	52.5		691
(3743)	1991 12	04.17387	04 25	09.18	+16 12	33.8		691
(3743)	1991 12	04.18830	04 25	08.17	+16 12	31.7	17.9 V	691
(3743)	1991 12	04.20242	04 25	07.18	+16 12	29.5		691
(3743)	1991 12	04.37936	04 24	54.88	+16 12	02.0	18.3 V	691
(3743)	1991 12	04.38857	04 24	54.24	+16 12	00.4		691
(3743)	1991 12	04.39758	04 24	53.61	+16 11	58.7		691
(3748)	1991 11	11.35734	03 23	57.89	+21 47	43.3		691
(3748)	1991 11	11.37941	03 23	56.43	+21 47	42.3	16.5 V	691
(3748)	1991 11	11.40143	03 23	54.96	+21 47	40.4		691
(3780)	1991 12	08.42589	07 13	55.61	+19 30	40.9	16.9 V	691

(3780)	1991 12 08.44784	07 13 54.76	+19 30 42.1		691
(3780)	1991 12 08.46954	07 13 53.92	+19 30 43.7		691
(3795)	1991 11 29.29192	03 16 43.20	+15 28 09.4	17.7 V	691
(3795)	1991 11 29.31393	03 16 41.86	+15 28 09.2		691
(3795)	1991 11 29.33488	03 16 40.54	+15 28 08.5		691
(3799)	1991 12 14.30399	04 24 03.59	+19 45 20.7		691
(3799)	1991 12 14.32564	04 24 02.55	+19 45 18.6		691
(3799)	1991 12 14.34742	04 24 01.47	+19 45 16.4	18.1 V	691
(3814)	1992 05 02.20525	13 50 30.88	-08 56 47.7	16.8 V	691
(3814)	1992 05 02.22959	13 50 29.80	-08 56 41.7		691
(3814)	1992 05 02.24996	13 50 29.00	-08 56 35.7		691
(3869)	1992 01 28.49247	11 12 16.15	-01 36 16.5		691
(3869)	1992 01 28.51651	11 12 15.51	-01 36 15.8	18.1 V	691
(3869)	1992 01 28.54048	11 12 14.89	-01 36 14.5		691
(3879)	1992 01 30.28415	08 28 35.15	+23 04 40.7	17.5 V	691
(3879)	1992 01 30.31026	08 28 33.24	+23 04 42.4		691
(3879)	1992 01 30.33619	08 28 31.36	+23 04 43.5		691
(3881)	1992 05 07.16246	13 16 04.94	-07 14 47.5		691
(3881)	1992 05 07.18672	13 16 03.87	-07 14 43.6	17.8 V	691
(3881)	1992 05 07.21097	13 16 02.84	-07 14 39.6		691
(3946)	1991 11 07.27343	02 47 31.71	+17 12 29.6	17.8 V	691
(3946)	1991 11 07.29443	02 47 30.69	+17 12 24.9		691
(3946)	1991 11 07.31544	02 47 29.67	+17 12 20.9		691
(4085)	1991 11 03.48006	03 38 23.91	+12 14 12.5	17.0 V	691
(4085)	1991 11 03.49831	03 38 22.86	+12 14 12.4		691
(4085)	1991 11 03.51330	03 38 21.99	+12 14 12.4		691
(4090)	1992 02 09.24510	07 57 20.26	+19 25 06.9	17.1 V	691
(4090)	1992 02 09.27153	07 57 18.71	+19 25 10.8		691
(4090)	1992 02 09.29718	07 57 17.18	+19 25 14.2		691
(4105)	1991 12 03.28005	04 18 45.16	+15 05 22.2	17.7 V	691
(4105)	1991 12 03.30105	04 18 43.96	+15 05 17.9		691
(4105)	1991 12 03.32210	04 18 42.80	+15 05 14.1		691
(4106)	1991 11 07.28007	02 57 07.10	+17 04 08.8		691
(4106)	1991 11 07.30107	02 57 05.88	+17 04 06.7	17.0 V	691
(4106)	1991 11 07.32208	02 57 04.61	+17 04 04.6		691
(4124)	1991 11 09.09752	02 13 52.01	+19 01 49.1		691
(4124)	1991 11 09.11876	02 13 50.86	+19 01 43.8	16.4 V	691
(4124)	1991 11 09.14859	02 13 49.28	+19 01 36.1		691
(4138)	1992 05 08.23911	14 06 07.65	-12 22 57.1		691
(4138)	1992 05 08.26425	14 06 06.93	-12 22 52.7	18.1 V	691
(4138)	1992 05 08.28765	14 06 06.27	-12 22 49.1		691
(4172)	1992 01 26.15435	08 33 21.96	+20 41 05.8		691
(4172)	1992 01 26.18646	08 33 19.74	+20 41 11.5		691
(4172)	1992 01 26.21810	08 33 17.53	+20 41 18.9	18.0 V	691
(4179)	1992 06 02.42253	20 39 11.27	-18 08 19.6	19.4 V	691
(4179)	1992 06 02.43766	20 39 11.63	-18 08 18.8	19.6 V	691
(4179)	1992 06 02.45274	20 39 11.99	-18 08 17.1	19.4 V	691
(4222)	1992 05 01.15519	13 20 28.77	-08 21 25.6		691
(4222)	1992 05 01.17548	13 20 27.74	-08 21 18.2	17.4 V	691
(4222)	1992 05 01.19604	13 20 26.68	-08 21 10.9		691
(4250)	1992 02 01.36079	09 11 24.73	+19 44 42.5	17.7 V	691
(4250)	1992 02 01.38662	09 11 23.47	+19 44 48.3		691
(4250)	1992 02 01.41245	09 11 22.20	+19 44 53.6		691
(4272)	1992 04 27.18735	13 26 44.52	-03 23 36.2	18.0 V	691
(4272)	1992 04 27.21328	13 26 43.18	-03 23 24.4		691
(4272)	1992 04 27.23730	13 26 41.95	-03 23 14.8		691
(4288)	1992 04 24.33686	14 38 07.84	-13 06 38.5	16.4 V	691
(4288)	1992 04 24.35761	14 38 06.60	-13 06 37.4		691
(4288)	1992 04 24.37947	14 38 05.29	-13 06 36.5		691

(4333)	1992 03 05.36641	10 53 08.20	+09 30 23.1	17.8 V	691
(4333)	1992 03 05.38988	10 53 06.78	+09 30 33.8		691
(4333)	1992 03 05.41246	10 53 05.42	+09 30 43.8		691
(4335)	1992 05 08.23670	14 02 38.98	-12 33 39.2	17.9 V	691
(4335)	1992 05 08.26184	14 02 37.42	-12 33 32.6		691
(4335)	1992 05 08.28522	14 02 35.94	-12 33 26.8		691
(4349)	1992 04 28.42929	15 40 56.18	-08 48 44.9		691
(4349)	1992 04 28.45003	15 40 55.13	-08 48 42.2	17.5 V	691
(4349)	1992 04 28.47083	15 40 54.08	-08 48 39.3		691
(4366)	1992 05 01.15818	13 24 48.02	-08 25 51.7		691
(4366)	1992 05 01.17848	13 24 47.14	-08 25 48.0	17.7 V	691
(4366)	1992 05 01.19904	13 24 46.24	-08 25 43.8		691
(4439)	1992 04 24.39399	14 27 51.01	-13 46 26.7		691
(4439)	1992 04 24.41557	14 27 49.98	-13 46 22.4	18.7 V	691
(4439)	1992 04 24.43626	14 27 49.01	-13 46 18.5		691
(4447)	1992 02 05.26546	08 47 51.48	+16 42 37.6		691
(4447)	1992 02 05.29035	08 47 50.15	+16 42 44.1	17.4 V	691
(4447)	1992 02 05.32267	08 47 48.41	+16 42 52.1		691
(4555)	1991 12 08.37599	05 26 20.98	+11 26 55.2	18.2 V	691
(4555)	1991 12 08.39704	05 26 19.54	+11 26 53.8		691
(4555)	1991 12 08.41813	05 26 18.07	+11 26 52.8		691
(4571)	1991 11 06.43993	03 13 19.65	+15 53 12.6		691
(4571)	1991 11 06.46661	03 13 18.30	+15 53 06.4	16.9 V	691
(4571)	1991 11 06.48838	03 13 17.21	+15 53 01.8		691
(4579)	1991 12 08.14572	03 48 31.60	+17 28 43.7		691
(4579)	1991 12 08.16708	03 48 30.37	+17 28 41.2	18.3 V	691
(4579)	1991 12 08.19386	03 48 28.78	+17 28 37.4		691
(4583)	1992 05 06.26161	14 53 15.42	-10 19 33.4	16.5 V	691
(4583)	1992 05 06.28228	14 53 14.17	-10 19 26.3		691
(4583)	1992 05 06.30374	14 53 12.87	-10 19 19.1		691
(4599)	1991 12 03.14573	03 30 59.37	+14 47 32.7		691
(4599)	1991 12 03.16663	03 30 58.35	+14 47 31.0	17.5 V	691
(4599)	1991 12 03.18742	03 30 57.41	+14 47 29.9		691
(4611)	1992 01 02.36629	08 26 45.65	+18 37 55.3		691
(4611)	1992 01 02.38758	08 26 44.58	+18 38 05.9	17.2 V	691
(4611)	1992 01 02.40874	08 26 43.54	+18 38 17.0		691
(4611)	1992 01 09.43485	08 20 39.21	+19 40 45.2	16.2 V	691
(4611)	1992 01 09.45661	08 20 37.96	+19 40 57.4		691
(4611)	1992 01 09.47832	08 20 36.65	+19 41 08.9		691
(4611)	1992 01 13.29272	08 17 00.51	+20 15 53.6		691
(4611)	1992 01 13.30779	08 16 59.61	+20 16 02.0	15.8 V	691
(4611)	1992 01 13.31777	08 16 58.87	+20 16 04.7		691
(4611)	1992 01 30.12708	08 00 26.81	+22 43 11.0	16.1 V	691
(4611)	1992 01 30.15611	08 00 25.14	+22 43 25.2		691
(4627)	1991 12 07.23497	04 37 56.37	+19 16 14.8	17.1 V	691
(4627)	1991 12 07.26853	04 37 54.44	+19 16 13.1		691
(4633)	1991 11 05.39938	02 43 30.30	+14 30 13.3	18.5 V	691
(4633)	1991 11 05.41997	02 43 29.33	+14 30 08.7		691
(4633)	1991 11 05.44070	02 43 28.36	+14 30 04.0		691
(4638)	1992 01 02.22045	07 55 44.71	+19 22 55.8		691
(4638)	1992 01 02.24165	07 55 43.35	+19 22 56.3	17.4 V	691
(4638)	1992 01 02.26358	07 55 41.95	+19 22 56.7		691
(4683)	1992 01 02.21768	07 51 44.73	+19 22 59.4	16.8 V	691
(4683)	1992 01 02.23888	07 51 43.68	+19 23 02.5		691
(4683)	1992 01 02.26081	07 51 42.61	+19 23 05.2		691
(4689)	1992 04 26.31161	13 53 59.31	-02 05 34.5	17.0 V	691
(4689)	1992 04 26.33567	13 53 57.88	-02 05 29.4		691
(4689)	1992 04 26.35978	13 53 56.44	-02 05 23.8		691
(4692)	1992 05 02.21190	14 00 07.21	-09 00 15.9		691

(4692)	1992 05 02.23623	14 00 05.73	-09 00 10.4	17.8 V	691
(4692)	1992 05 02.25661	14 00 04.50	-09 00 06.0		691
(4712)	1992 01 31.31887	09 21 00.93	+21 44 54.1	17.0 V	691
(4712)	1992 01 31.34890	09 20 59.34	+21 44 57.1		691
(4712)	1992 01 31.37889	09 20 57.76	+21 45 00.3		691
(4725)	1992 05 06.41293	16 27 17.27	-06 05 08.3	18.0 V	691
(4725)	1992 05 06.43747	16 27 16.22	-06 05 01.6		691
(4725)	1992 05 06.46759	16 27 14.99	-06 04 52.3		691
(4734)	1992 04 25.29406	13 30 47.99	-10 07 41.1	19.6 V	691
(4734)	1992 04 25.32026	13 30 46.53	-10 07 33.8		691
(4734)	1992 04 25.34052	13 30 45.41	-10 07 27.1		691
(4738)	1991 12 02.47331	11 33 07.35	+08 00 54.5		691
(4738)	1991 12 02.49391	11 33 08.30	+08 00 48.6		691
(4738)	1991 12 02.52738	11 33 09.77	+08 00 36.9	19.3 V	691
(4757)	1992 01 13.29200	08 15 58.23	+19 55 28.8		691
(4757)	1992 01 13.30707	08 15 57.54	+19 55 30.9	18.5 V	691
(4757)	1992 01 13.31706	08 15 57.08	+19 55 34.2		691
(4757)	1992 01 26.13595	08 06 48.16	+20 24 23.4		691
(4757)	1992 01 26.16807	08 06 46.75	+20 24 27.9	19.0 V	691
(4757)	1992 01 26.19972	08 06 45.32	+20 24 31.8		691
(4772)	1992 05 01.14524	13 06 07.09	-08 36 54.9		691
(4772)	1992 05 01.16554	13 06 06.42	-08 36 47.1	17.9 V	691
(4772)	1992 05 01.18610	13 06 05.72	-08 36 39.0		691
(4778)	1992 04 24.25912	14 09 55.09	-13 04 33.9		691
(4778)	1992 04 24.27972	14 09 54.11	-13 04 29.7	18.7 V	691
(4778)	1992 04 24.30045	14 09 53.15	-13 04 25.3		691
(4811)	1992 01 30.44122	09 16 09.12	+23 00 47.1	18.1 V	691
(4811)	1992 01 30.46723	09 16 07.32	+23 00 53.6		691
(4811)	1992 01 30.49336	09 16 05.53	+23 01 00.6		691
(4814)	1992 01 09.30993	08 12 23.02	+19 23 31.4		691
(4814)	1992 01 09.33168	08 12 21.98	+19 23 34.5	19.2 V	691
(4814)	1992 01 09.35320	08 12 20.94	+19 23 38.2		691
(4848)	1992 02 09.24255	07 53 39.36	+19 26 39.2	16.3 V	691
(4848)	1992 02 09.26898	07 53 38.27	+19 26 45.8		691
(4848)	1992 02 09.29464	07 53 37.21	+19 26 52.2		691
(4879)	1991 11 12.37701	03 18 06.00	+18 42 29.6		691
(4879)	1991 11 12.39896	03 18 04.71	+18 42 29.0	16.0 V	691
(4879)	1991 11 12.42332	03 18 03.32	+18 42 28.4		691
(4903)	1992 02 23.44933	11 33 47.20	+06 27 34.3	18.9 V	691
(4903)	1992 02 23.47890	11 33 46.04	+06 27 41.7		691
(4903)	1992 02 23.50928	11 33 44.90	+06 27 50.7		691
(4968)	1992 01 10.35726	07 43 20.76	+18 03 43.1		691
(4968)	1992 01 10.38318	07 43 19.14	+18 03 51.5	17.3 V	691
(4979)	1991 11 08.48322	03 32 30.29	+18 37 06.4	17.4 V	691
(4979)	1991 11 08.51817	03 32 27.85	+18 36 58.4		691
(4979)	1991 11 12.31710	03 28 05.28	+18 22 57.8		691
(4979)	1991 11 12.33859	03 28 03.72	+18 22 52.9	17.2 V	691
(4979)	1991 11 12.36026	03 28 02.16	+18 22 47.8		691
(5035)	1991 11 02.33264	02 38 14.08	+10 16 24.1		691
(5035)	1991 11 02.35334	02 38 12.66	+10 16 25.5	15.8 V	691
(5035)	1991 11 02.37415	02 38 11.24	+10 16 27.2		691
(5047)	1991 11 28.08651	02 27 47.00	+21 48 40.9		691
(5047)	1991 11 28.10808	02 27 46.09	+21 48 37.9		691
(5047)	1991 11 28.12959	02 27 45.09	+21 48 34.5	17.4 V	691
(5062)	1991 11 08.19480	02 38 47.27	+18 32 25.2	15.7 V	691
(5062)	1991 11 08.21600	02 38 45.88	+18 32 22.6		691
(5062)	1991 11 08.23687	02 38 44.51	+18 32 20.0		691
(5067)	1991 11 03.37273	02 42 54.23	+12 22 11.8		691
(5067)	1991 11 03.39359	02 42 53.15	+12 22 04.3	17.3 V	691

(5067)	1991 11 03.41441	02 42 52.09	+12 21 56.8		691
(5067)	1991 11 08.38576	02 38 44.70	+11 52 42.4	17.1 V	691
(5067)	1991 11 08.40626	02 38 43.71	+11 52 35.6		691
(5067)	1991 11 08.42687	02 38 42.64	+11 52 27.7		691
(5084)	1991 11 07.27703	02 52 43.91	+17 09 17.1	17.5 V	691
(5084)	1991 11 07.29803	02 52 42.82	+17 09 15.0		691
(5084)	1991 11 07.31905	02 52 41.71	+17 09 12.6		691
(5099)	1991 12 30.19811	04 41 33.41	+22 15 08.7		691
(5099)	1991 12 30.22025	04 41 32.36	+22 15 07.1		691
(5099)	1991 12 30.24241	04 41 31.32	+22 15 06.1	17.4 V	691
(5110)	1992 01 28.09898	03 15 32.04	+22 15 05.7		691
(5110)	1992 01 28.12303	03 15 33.37	+22 15 06.7	16.9 V	691
(5110)	1992 01 29.09723	03 16 30.34	+22 16 08.2		691
(5110)	1992 01 29.11883	03 16 31.56	+22 16 09.8	17.1 V	691
(5110)	1992 01 29.14031	03 16 32.82	+22 16 11.0		691
(5110)	1992 01 30.09384	03 17 29.88	+22 17 16.5		691
(5110)	1992 01 30.10348	03 17 30.44	+22 17 17.2	17.7 V	691
(5110)	1992 01 30.11284	03 17 30.99	+22 17 17.9		691
(5134)	1991 12 27.29957	07 43 18.82	+24 49 09.7	17.0 V	691
(5134)	1991 12 27.32191	07 43 17.67	+24 49 16.2		691
(5134)	1991 12 27.34439	07 43 16.52	+24 49 23.1		691
(5138)	1992 02 27.43628	11 38 23.69	+01 46 55.4	17.8 V	691
(5138)	1992 02 27.46042	11 38 22.69	+01 47 02.5		691
(5138)	1992 02 27.51430	11 38 20.35	+01 47 17.5		691
(5162)	1991 11 11.49063	04 37 25.03	+20 30 33.3	16.0 V	691
(5162)	1991 11 11.51037	04 37 24.04	+20 30 35.6		691
(5162)	1991 11 11.53014	04 37 23.08	+20 30 37.3		691
(5165)	1991 11 04.48165	03 24 12.32	+13 27 38.8	16.4 V	691
(5165)	1991 11 04.50053	03 24 11.24	+13 27 35.9		691
(5165)	1991 11 04.51923	03 24 10.17	+13 27 32.5		691
(5178)	1991 12 13.30310	03 13 00.77	+25 39 49.8	16.9 V	691
(5178)	1991 12 13.31747	03 13 00.26	+25 39 45.4		691
(5178)	1991 12 13.33211	03 12 59.73	+25 39 40.7		691
(5186)	1992 02 28.19495	09 58 27.43	+13 31 55.5	16.1 V	691
(5186)	1992 02 28.21226	09 58 26.30	+13 31 55.3		691
(5186)	1992 02 28.22934	09 58 25.14	+13 31 54.4		691

760 Goethe Link

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

Observer S. F. Strother

Measurer C. M. Olmstead

0.25-m refractor

PDS scanning microdensitometer

PPM, global solutions

1962 WJ1	1962 11 30.07633	03 19 51.55	+38 46 57.3		760
1962 WJ1	1962 11 30.12320	03 19 48.30	+38 46 57.5		760

801 Oak Ridge

R. E. McCrosky, Harvard-Smithsonian Center for Astrophysics,
60 Garden Street, Cambridge, MA 02138, U.S.A.

Observers R. E. McCrosky, C.-Y. Shao

1.5-m reflector + CCD

GSC

1933 FE1	1992 04 30.16727	13 39 18.44	-14 15 32.9		801
1933 FE1	1992 04 30.18279	13 39 17.74	-14 15 27.0		801
1933 FE1	1992 05 07.14208	13 35 04.76	-13 34 35.9		801
1933 FE1	1992 05 07.16616	13 35 03.92	-13 34 27.9		801
1941 HA	1992 04 29.30874	16 35 12.13	-00 02 42.8		801

1941 HA	1992 04 29.32750	16 35 11.50	-00 02 36.5	801
1941 HA	1992 05 07.28139	16 30 18.47	+00 39 41.0	801
1941 HA	1992 05 07.29984	16 30 17.66	+00 39 46.3	801
1952 SW1	1992 04 29.18943	13 54 19.37	-10 27 19.0	801
1952 SW1	1992 04 29.20510	13 54 18.25	-10 27 19.8	801
1952 SW1	1992 05 06.17752	13 47 05.02	-10 42 25.8	801
1952 SW1	1992 05 06.19197	13 47 04.18	-10 42 29.1	801
1966 CF	1992 04 29.22059	14 59 30.85	-00 55 56.1	801
1966 CF	1992 04 29.23709	14 59 29.85	-00 55 53.0	801
1966 CF	1992 05 06.21081	14 52 47.27	-00 37 03.2	801
1966 CF	1992 05 06.22674	14 52 46.31	-00 37 01.0	801
1966 CL	1992 04 29.17874	13 13 19.79	-01 40 31.1	801
1966 CL	1992 04 29.19258	13 13 19.19	-01 40 28.3	801
1966 CL	1992 05 04.11505	13 10 15.58	-01 27 11.6	801
1966 CL	1992 05 04.14322	13 10 14.56	-01 27 07.6	801
1973 SQ1	1992 05 07.19786	14 16 40.49	-12 58 46.1	801
1973 SQ1	1992 05 07.22233	14 16 39.70	-12 58 41.7	801
1973 SS4	1992 05 06.06013	09 46 03.08	+26 53 02.5	801
1973 SS4	1992 05 06.07458	09 46 03.72	+26 52 51.7	801
1973 SS4	1992 05 07.04885	09 46 47.67	+26 40 35.9	801
1973 SS4	1992 05 07.06303	09 46 48.27	+26 40 24.8	801
1976 GY3	1992 04 29.09221	12 04 45.42	+00 33 52.5	r 801
1976 GY3	1992 04 29.15455	12 04 44.30	+00 34 07.5	801
1976 GY3	1992 05 07.06072	12 03 39.41	+00 59 18.0	801
1976 GY3	1992 05 07.12189	12 03 39.27	+00 59 26.1	801
1978 RR8	1992 04 30.27906	16 13 45.43	-03 59 58.2	801
1978 RR8	1992 04 30.29559	16 13 44.61	-03 59 51.4	801
1978 RR8	1992 05 06.26834	16 08 44.42	-03 22 18.4	801
1978 RR8	1992 05 06.28144	16 08 43.64	-03 22 13.1	801
1978 RZ9	1992 05 04.11234	12 55 21.45	+22 00 42.6	801
1978 RZ9	1992 05 04.13248	12 55 20.83	+22 00 49.7	801
1978 RZ9	1992 05 06.13183	12 54 30.49	+22 11 43.7	801
1978 RZ9	1992 05 06.15569	12 54 29.87	+22 11 51.3	801
1979 KG	1992 05 06.29500	17 27 24.28	-06 36 37.9	801
1979 KG	1992 05 06.34958	17 27 22.70	-06 36 29.9	801
1979 KR	1992 04 30.34073	19 38 04.35	-07 49 54.7	801
1979 KR	1992 04 30.35411	19 38 04.96	-07 49 47.4	801
1979 KR	1992 05 07.31238	19 42 53.92	-06 48 02.8	801
1979 KR	1992 05 07.33541	19 42 54.72	-06 47 49.3	801
1979 MJ5	1992 04 30.25966	15 52 49.83	-13 49 45.7	801
1979 MJ5	1992 04 30.27323	15 52 49.05	-13 49 41.1	801
1979 OB	1992 04 29.28807	16 11 46.25	-12 47 16.1	801
1979 OB	1992 04 29.30297	16 11 45.71	-12 47 09.8	801
1979 OB	1992 05 06.26618	16 07 01.12	-11 58 03.8	801
1979 SA8	1992 04 30.16937	13 41 15.56	-12 25 14.0	801
1979 SA8	1992 04 30.18090	13 41 14.79	-12 25 12.1	801
1979 SA8	1992 05 07.14693	13 34 05.32	-12 08 32.5	801
1979 SA8	1992 05 07.15983	13 34 04.54	-12 08 30.4	801
1980 FB	1992 04 30.21211	14 55 04.56	-17 20 35.0	801
1980 FB	1992 04 30.22902	14 55 03.74	-17 20 32.4	801
1980 FB	1992 05 07.21744	14 49 30.70	-17 00 20.5	801
1980 FB	1992 05 07.23436	14 49 29.86	-17 00 19.3	801
1980 TL13	1992 04 30.32101	16 59 54.89	-02 16 28.5	801
1980 TL13	1992 04 30.33155	16 59 54.54	-02 16 16.7	801
1980 TL13	1992 05 07.28568	16 55 40.84	-00 07 09.3	801
1980 TL13	1992 05 07.30258	16 55 40.12	-00 06 50.5	801
1982 BA	1992 05 06.30927	17 44 49.16	-04 09 53.5	801
1982 BA	1992 05 06.34066	17 44 48.37	-04 09 47.8	801
1982 BA	1992 05 07.30627	17 44 23.97	-04 06 23.8	801

1982 BA	1992 05 07.32709	17 44 23.40	-04 06 20.1	801
1982 UP6	1992 04 29.34083	20 28 35.29	+04 41 01.8	801
1982 UP6	1992 04 29.34804	20 28 35.82	+04 41 09.9	801
1983 TN1	1992 04 30.19745	14 34 27.75	-16 55 05.6	801
1983 TN1	1992 04 30.21001	14 34 26.95	-16 55 00.2	801
1983 WL	1992 04 30.17425	13 47 13.17	+00 20 28.8	801
1983 WL	1992 04 30.18546	13 47 12.47	+00 20 29.1	801
1983 WL	1992 05 07.15584	13 40 44.41	+00 17 10.2	801
1983 WL	1992 05 07.17457	13 40 43.39	+00 17 09.5	801
1984 QF	1992 04 29.22275	15 04 18.58	+04 06 24.1	801
1984 QF	1992 04 29.23942	15 04 17.73	+04 06 28.8	801
1984 QF	1992 05 06.22897	14 58 22.83	+04 38 18.5	801
1984 QF	1992 05 06.24296	14 58 22.09	+04 38 22.4	801
1985 CA2	1992 05 07.14473	13 28 50.80	-00 12 48.7	801
1985 CA2	1992 05 07.16193	13 28 49.99	-00 12 46.3	801
1985 PZ1	1992 04 30.32545	18 51 28.39	-11 10 47.6	801
1985 PZ1	1992 04 30.34502	18 51 29.12	-11 10 42.3	801
1985 PZ1	1992 05 07.30949	18 55 21.15	-10 43 58.3	801
1985 PZ1	1992 05 07.33015	18 55 21.73	-10 43 54.2	801
1985 XB	1992 04 30.31731	17 37 21.31	-15 39 32.6	801
1985 XB	1992 04 30.32861	17 37 20.80	-15 39 43.9	801
1985 XB	1992 05 06.30566	17 31 57.58	-17 07 34.2	U 801
1986 QT	1992 04 30.09012	12 22 16.14	+02 46 54.0	801
1986 QT	1992 04 30.11189	12 22 15.39	+02 46 57.2	801
1986 SF	1992 04 29.08954	11 37 35.71	-00 49 55.8	801
1986 SF	1992 04 29.15181	11 37 34.37	-00 49 52.2	801
1986 VG1	1992 04 30.23464	15 23 20.76	-03 38 44.0	801
1986 VG1	1992 04 30.25584	15 23 20.11	-03 38 43.1	801
1987 BC	1992 04 30.04833	08 35 50.74	+17 26 39.8	801
1987 BC	1992 04 30.06899	08 35 51.69	+17 26 37.9	801
1987 YD	1992 04 29.09850	12 32 52.40	+07 31 23.7	801
1987 YD	1992 04 29.12365	12 32 51.48	+07 31 19.2	801
1987 YD	1992 05 04.10539	12 30 15.93	+07 14 07.1	801
1987 YD	1992 05 04.12859	12 30 15.27	+07 14 01.5	801
1988 BS3	1992 05 05.34153	19 02 40.19	-13 56 54.8	801
1988 BS3	1992 05 05.35407	19 02 40.69	-13 56 49.8	801
1988 BS3	1992 05 06.33666	19 03 26.50	-13 52 08.4	801
1988 BS3	1992 05 06.35250	19 03 27.15	-13 52 03.9	801
1988 BJ4	1992 04 30.19488	13 58 11.10	-05 34 04.0	801
1988 BJ4	1992 04 30.20605	13 58 10.46	-05 34 00.5	801
1988 EN	1992 04 30.17618	13 47 00.44	-02 14 07.5	801
1988 EN	1992 04 30.19012	13 46 59.75	-02 14 01.5	801
1988 EN	1992 05 07.15227	13 41 54.34	-01 36 06.1	801
1988 EN	1992 05 07.17218	13 41 53.50	-01 36 00.4	801
1988 JV	1992 04 29.21832	14 48 19.67	+02 29 50.6	801
1988 JV	1992 04 29.23485	14 48 18.74	+02 29 52.7	801
1988 JV	1992 05 06.20524	14 41 55.53	+02 39 45.4	801
1988 JV	1992 05 06.21788	14 41 54.85	+02 39 46.5	801
1988 LA	1992 05 06.29209	17 07 11.53	-05 46 14.6	801
1988 LA	1992 05 06.32492	17 07 10.83	-05 46 16.6	801
1988 LA	1992 05 07.28847	17 06 51.91	-05 47 29.4	801
1988 LA	1992 05 07.32485	17 06 51.06	-05 47 32.3	801
1988 NN	1992 05 05.33818	19 09 41.80	-07 32 14.7	801
1988 NN	1992 05 05.35078	19 09 42.21	-07 32 04.8	801
1988 PK1	1992 05 06.17256	13 46 19.46	-19 28 42.6	801
1988 PK1	1992 05 06.18919	13 46 18.75	-19 28 36.2	801
1988 PK1	1992 05 07.15822	13 45 39.14	-19 21 41.3	801
1988 PK1	1992 05 07.17668	13 45 38.38	-19 21 33.2	801
1988 PR1	1992 04 29.22620	15 22 37.17	-00 31 36.6	801

1988 PR1	1992 04 29.24247	15 22 36.47	-00 31 29.2	801
1988 PR1	1992 05 07.24616	15 16 46.42	+00 25 21.7	801
1988 PR1	1992 05 07.25925	15 16 45.78	+00 25 26.8	801
1989 CJ1	1992 04 29.29089	16 16 57.97	+29 43 37.5	801
1989 CJ1	1992 04 29.30044	16 16 57.49	+29 43 44.6	801
1989 CJ1	1992 05 06.27451	16 10 48.83	+30 54 08.6	801
1989 CJ1	1992 05 06.28806	16 10 48.03	+30 54 15.4	801
1989 GL1	1992 05 07.05147	09 58 54.73	+09 55 53.0	801
1989 GL1	1992 05 07.07080	09 58 55.50	+09 55 48.9	801
1989 NH1	1992 04 30.22610	15 15 06.02	-06 26 13.7	801
1989 NH1	1992 04 30.24013	15 15 05.22	-06 26 09.5	801
1989 NH1	1992 05 07.24353	15 08 07.78	-05 54 48.7	801
1989 NH1	1992 05 07.25660	15 08 06.81	-05 54 43.6	801
1989 RH	1992 05 06.28525	16 29 58.13	-02 47 00.1	801
1989 RH	1992 05 06.30023	16 29 57.44	-02 46 54.0	801
1989 UT2	1992 04 30.18825	13 54 14.19	-15 22 50.7	801
1989 UT2	1992 04 30.19935	13 54 13.61	-15 22 43.3	801
1989 UT2	1992 05 06.18012	13 49 39.87	-14 17 09.5	801
1989 UT2	1992 05 06.19471	13 49 39.22	-14 17 00.3	801
1989 VP	1992 04 30.23191	15 08 39.39	-14 40 15.9	801
1989 VP	1992 04 30.24301	15 08 38.82	-14 40 08.4	801
1989 VP	1992 05 07.21958	15 02 38.44	-13 16 01.7	801
1989 VP	1992 05 07.23163	15 02 37.79	-13 15 53.1	801
1989 VT1	1992 04 30.24963	15 45 14.30	-15 38 46.8	801
1989 VT1	1992 04 30.26500	15 45 13.62	-15 38 44.3	801
1989 VT1	1992 05 07.25109	15 39 47.07	-15 19 53.3	801
1989 VT1	1992 05 07.26963	15 39 46.14	-15 19 50.8	801
1990 TG3	1992 04 29.08627	11 32 26.86	-00 21 45.9	801
1990 TG3	1992 04 29.11956	11 32 26.50	-00 21 36.3	801
1990 UF3	1992 04 30.26237	16 01 19.52	-22 58 40.1	801
1990 UF3	1992 04 30.27606	16 01 18.67	-22 58 41.3	801
1990 UF3	1992 05 07.25372	15 54 33.95	-23 06 03.3	801
1990 UF3	1992 05 07.27333	15 54 32.67	-23 06 03.8	801
1990 UP3	1992 04 29.18494	13 17 26.93	+02 27 14.8	801
1990 UP3	1992 04 29.19793	13 17 26.26	+02 27 15.7	801
1990 UP3	1992 05 06.14811	13 12 22.51	+02 29 38.0	801
1990 UP3	1992 05 06.16442	13 12 21.84	+02 29 37.2	801
1990 VH1	1992 04 30.13932	12 53 18.56	+04 33 25.9	801
1990 VH1	1992 04 30.15517	12 53 17.82	+04 33 20.5	801
1990 VH1	1992 05 06.12810	12 49 18.25	+03 56 27.6	801
1990 VH1	1992 05 06.14558	12 49 17.60	+03 56 20.4	801
1990 VE2	1992 04 30.20398	14 46 17.60	-17 51 37.4	801
1990 VE2	1992 04 30.21765	14 46 16.82	-17 51 30.2	801
1990 VE2	1992 05 07.21291	14 40 00.87	-16 51 03.1	801
1990 VE2	1992 05 07.22816	14 39 59.96	-16 50 55.7	801
1990 VC4	1992 04 30.08608	12 11 14.87	+10 57 31.8	801
1990 VC4	1992 04 30.11557	12 11 14.10	+10 57 29.0	801
1990 WB2	1992 04 29.28354	15 49 21.09	-08 00 30.6	801
1990 WB2	1992 04 29.29764	15 49 20.37	-08 00 28.6	801
1990 WB2	1992 05 06.24748	15 43 03.14	-07 45 22.1	801
1990 WB2	1992 05 06.26046	15 43 02.39	-07 45 20.7	801
1990 WY3	1992 04 29.18164	13 26 03.24	+05 35 04.4	801
1990 WY3	1992 04 29.19506	13 26 02.56	+05 35 06.1	801
1990 WY3	1992 05 06.15088	13 20 41.81	+05 43 10.9	801
1990 WY3	1992 05 06.16757	13 20 41.04	+05 43 11.1	801
1990 YL	1992 05 07.17918	13 50 44.25	-10 09 10.7	801
1990 YL	1992 05 07.19395	13 50 43.64	-10 09 08.3	801
1991 AJ1	1992 04 29.21486	14 04 51.66	+09 57 21.0	801
1991 AJ1	1992 04 29.22781	14 04 50.93	+09 57 21.9	801

1991 AJ1	1992 05	04.16664	14 00	25.18	+10 01	23.0	801
1991 AJ1	1992 05	04.17537	14 00	24.69	+10 01	23.0	801
1991 AX1	1992 04	30.20802	14 54	54.65	-11 51	27.1	801
1991 AX1	1992 04	30.21910	14 54	54.12	-11 51	24.9	801
1991 AX1	1992 05	06.20797	14 49	55.02	-11 29	33.9	801
1991 AX1	1992 05	06.22468	14 49	54.16	-11 29	30.2	801
1991 BO	1992 04	30.14757	13 31	17.24	-10 54	57.8	801
1991 BO	1992 04	30.16235	13 31	16.57	-10 54	53.2	801
1991 CB	1992 04	29.28080	15 37	39.03	+06 45	48.6	801
1991 CB	1992 04	29.29463	15 37	38.40	+06 45	51.9	801
1991 CB	1992 05	06.24006	15 32	14.35	+07 10	37.0	801
1991 CB	1992 05	06.25366	15 32	13.70	+07 10	38.4	801
1991 CE	1992 04	30.28925	16 26	33.05	-17 56	07.4	801
1991 CE	1992 04	30.30838	16 26	32.36	-17 56	07.8	801
1991 CE	1992 05	06.27713	16 22	32.92	-17 53	22.5	801
1991 CE	1992 05	06.29742	16 22	32.07	-17 53	21.8	801
1991 GY9	1992 04	29.33019	17 48	47.90	-14 28	27.1	801
1991 GY9	1992 04	29.35358	17 48	47.60	-14 28	18.8	801
1991 GY9	1992 05	06.31384	17 46	50.53	-13 50	27.0	801
1991 GY9	1992 05	06.34522	17 46	49.71	-13 50	14.6	801
1992 AC	1992 05	04.11021	12 43	38.03	+37 30	54.9	801
1992 AC	1992 05	04.11697	12 43	38.42	+37 30	42.8	801
1992 AC	1992 05	06.13538	12 45	46.72	+36 31	16.8	801
1992 AC	1992 05	06.14411	12 45	47.24	+36 31	00.8	801
1992 CC1	1992 04	30.05571	09 42	20.56	+05 04	32.8	801
1992 CC1	1992 04	30.07233	09 42	20.66	+05 04	21.3	801
1992 EU	1992 04	29.08310	11 12	18.57	+01 24	23.4	801
1992 EU	1992 04	29.10218	11 12	18.12	+01 24	17.1	801
1992 EE1	1992 05	04.09719	12 14	34.42	+04 48	38.2	801
1992 EE1	1992 05	04.10801	12 14	33.88	+04 48	28.0	801
1992 EE1	1992 05	06.09602	12 13	01.43	+04 12	01.9	801
1992 EE1	1992 05	06.12265	12 13	00.20	+04 11	32.9	801
1992 FE	1992 05	04.07188	10 00	55.37	+00 44	53.6	U 801
1992 KD	1992 06	04.13537	14 55	34.72	-07 52	18.5	801
1992 KD	1992 06	04.13867	14 55	34.86	-07 52	06.9	801
1992 KD	1992 06	04.14184	14 55	35.22	-07 51	49.2	801
1992 KD	1992 06	04.14366	14 55	35.39	-07 51	42.6	801
9508 P-L	1992 05	07.18215	13 53	02.49	-08 11	01.3	801
9508 P-L	1992 05	07.20409	13 53	01.52	-08 10	57.3	801
3129 T-2	1992 04	30.34818	19 48	58.35	-01 46	23.7	801
3129 T-2	1992 04	30.35742	19 48	58.99	-01 46	18.8	801
4170 T-2	1992 04	30.10329	12 37	22.21	+05 06	43.4	801
4170 T-2	1992 04	30.12936	12 37	21.37	+05 06	47.4	801
4170 T-2	1992 05	07.07769	12 34	33.18	+05 19	01.0	801
4170 T-2	1992 05	07.11404	12 34	32.43	+05 19	02.7	801
5140 T-2	1992 04	30.09309	12 05	53.08	-14 29	24.7	801
5140 T-2	1992 04	30.11859	12 05	52.40	-14 29	15.4	801
(243)	1992 04	30.02384	06 25	23.94	+23 49	27.0	801
(243)	1992 04	30.03749	06 25	25.20	+23 49	26.1	801
(348)	1992 04	29.25270	15 24	20.36	-08 24	39.7	801
(348)	1992 04	29.26767	15 24	19.62	-08 24	37.9	801
(348)	1992 05	06.23793	15 18	37.96	-08 12	24.6	801
(348)	1992 05	06.25197	15 18	37.23	-08 12	23.2	801
(496)	1992 05	06.21458	14 57	08.23	-14 37	22.9	801
(496)	1992 05	06.23510	14 57	06.93	-14 37	15.0	801
(4341)	1992 04	29.31537	17 50	05.37	+32 10	43.8	801
(4341)	1992 04	29.31726	17 50	04.36	+32 10	37.7	801
(4341)	1992 05	05.33208	17 05	08.94	+26 12	17.0	801
(4341)	1992 05	05.33370	17 05	08.29	+26 12	11.1	801

(5164)	1992 05 04.04017	07 59 49.96	+40 05 06.4	801
(5164)	1992 05 04.05440	07 59 52.36	+40 04 55.7	801
(5189)	1992 04 29.05692	12 21 56.91	+25 53 34.3	801
(5189)	1992 04 29.05865	12 21 56.41	+25 53 41.8	801
(5189)	1992 05 04.08300	11 54 16.97	+32 40 23.7	801
(5189)	1992 05 04.08436	11 54 16.40	+32 40 30.6	801
(5205)	1992 04 30.10039	12 29 22.97	-07 48 23.9	801
(5205)	1992 04 30.12105	12 29 22.11	-07 48 21.0	801
(5205)	1992 05 04.10039	12 26 57.36	-07 39 48.0	801
(5205)	1992 05 04.11909	12 26 56.71	-07 39 46.6	801
(5214)	1992 05 04.10266	12 25 30.82	-06 10 48.3	801
(5214)	1992 05 04.12125	12 25 30.17	-06 10 47.6	801
(5214)	1992 05 07.07388	12 24 00.63	-06 09 32.9	801
(5214)	1992 05 07.11138	12 23 59.49	-06 09 31.7	801
(5215)	1992 04 29.27850	15 39 05.57	+04 32 06.9	801
(5215)	1992 04 29.29291	15 39 04.91	+04 32 11.0	801
(5215)	1992 05 06.24480	15 33 36.69	+05 00 15.8	801
(5215)	1992 05 06.25838	15 33 35.96	+05 00 18.5	801

809 European Southern Observatory

H. Debehogne, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180
Brussels, Belgium (3)

E. W. Elst, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180
Brussels, Belgium (4)

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

Measurers H. Debehogne, E. W. Elst, J. P. Olivier, G. Vieira

1.0-m Schmidt, GPO 0.4-m astrograph

1978 VT6	1992 02 12.20833	08 13 27.12	+15 28 46.4	4	809
1978 VT6	1992 02 12.22153	08 13 26.52	+15 28 48.6	4	809
1978 VT6	1992 02 12.23472	08 13 25.88	+15 28 50.4	4	809
1979 ML1	1992 02 12.16597	07 45 02.48	+16 15 26.7	19.2	4 809
1979 ML1	1992 02 12.17917	07 45 01.74	+16 15 27.8	4	809
1979 ML1	1992 02 12.19236	07 45 01.06	+16 15 28.1	4	809
1979 MA5	1992 02 06.13125	07 42 14.89	+12 51 23.1	4	809
1979 MA5	1992 02 06.14444	07 42 14.17	+12 51 24.5	4	809
1979 MA5	1992 02 06.15764	07 42 13.61	+12 51 25.4	4	809
1979 SA8	1992 04 23.14514	13 49 01.75	-12 42 56.1	4	809
1979 SA8	1992 04 23.15833	13 49 00.82	-12 42 53.7	4	809
1979 SA8	1992 04 23.17153	13 48 59.87	-12 42 52.1	4	809
1985 VN	1992 04 23.14514	13 45 16.85	-11 04 14.5	4	809
1985 VN	1992 04 23.15833	13 45 16.17	-11 04 07.4	4	809
1985 VN	1992 04 23.17153	13 45 15.63	-11 04 02.8	4	809
1985 VN	1992 04 25.08889	13 43 40.51	-10 47 16.3	18.5	4 809
1985 VN	1992 04 25.10208	13 43 39.87	-10 47 09.4	4	809
1985 VN	1992 04 25.11528	13 43 39.19	-10 47 02.3	4	809
1987 RU3	1992 01 30.22708	08 06 16.64	+14 47 06.6	4	809
1987 RU3	1992 01 30.24028	08 06 15.72	+14 47 10.2	4	809
1987 RU3	1992 01 30.25347	08 06 14.84	+14 47 13.1	4	809
1987 RU3	1992 02 12.16597	07 54 02.95	+15 33 09.6	4	809
1987 RU3	1992 02 12.17917	07 54 02.21	+15 33 12.8	4	809
1987 RU3	1992 02 12.19236	07 54 01.54	+15 33 14.7	4	809
1988 CH	1992 01 30.22708	08 06 38.43	+13 52 52.7	4	809
1988 CH	1992 01 30.24028	08 06 37.68	+13 52 58.6	4	809
1988 CH	1992 01 30.25347	08 06 36.86	+13 53 03.9	4	809
1988 CH	1992 02 12.16597	07 57 16.69	+15 11 29.7	4	809
1988 CH	1992 02 12.17917	07 57 16.12	+15 11 34.4	4	809
1988 CH	1992 02 12.19236	07 57 15.56	+15 11 39.4	4	809
1989 GP4	1992 02 06.13125	07 33 35.46	+11 21 43.1	4	809
1989 GP4	1992 02 06.14444	07 33 34.80	+11 21 46.2	4	809

1989 GP4	1992 02 06.15764	07 33 34.09	+11 21 49.4	4	809
1989 YT	1992 04 23.14514	13 41 24.57	-09 50 28.6	4	809
1989 YT	1992 04 23.15833	13 41 23.69	-09 50 26.2	4	809
1989 YT	1992 04 23.17153	13 41 23.01	-09 50 23.4	4	809
1990 OO3	1992 02 12.20833	08 10 49.90	+16 33 23.1	4	809
1990 OO3	1992 02 12.22153	08 10 49.20	+16 33 28.1	4	809
1990 OO3	1992 02 12.23472	08 10 48.59	+16 33 32.9	4	809
1990 QP5	1992 01 30.22708	08 01 54.04	+13 24 49.3	4	809
1990 QP5	1992 01 30.24028	08 01 53.28	+13 24 53.8	4	809
1990 QP5	1992 01 30.25347	08 01 52.41	+13 24 58.7	4	809
1990 QP5	1992 02 12.16597	07 51 01.64	+14 31 38.4	4	809
1990 QP5	1992 02 12.17917	07 51 01.08	+14 31 41.3	4	809
1990 QP5	1992 02 12.19236	07 51 00.42	+14 31 45.7	4	809
1990 SA1	1992 02 12.20833	08 03 41.70	+14 24 17.6	4	809
1990 SA1	1992 02 12.22153	08 03 40.95	+14 24 19.5	4	809
1990 SA1	1992 02 12.23472	08 03 40.17	+14 24 21.7	4	809
1990 TM5	1992 02 12.16597	07 50 17.78	+12 44 44.6	18.7	4 809
1990 TM5	1992 02 12.17917	07 50 17.08	+12 44 48.7	4	809
1990 TM5	1992 02 12.19236	07 50 16.39	+12 44 50.7	4	809
1990 UH	1992 04 23.14514	13 50 31.96	-10 19 29.6	4	809
1990 UH	1992 04 23.15833	13 50 31.28	-10 19 20.2	4	809
1990 UH	1992 04 23.17153	13 50 30.61	-10 19 10.6	4	809
1990 UH	1992 04 25.08889	13 49 01.53	-09 55 24.8	17.5	4 809
1990 UH	1992 04 25.10208	13 49 00.92	-09 55 15.6	4	809
1990 UH	1992 04 25.11528	13 49 00.25	-09 55 05.7	4	809
1990 UR1	1992 05 08.18507	15 19 39.93	-21 05 09.1	17.0	3 809
1990 UR1	1992 05 08.19549	15 19 39.21	-21 04 59.0	3	809
1990 UR1	1992 05 08.20590	15 19 38.49	-21 04 48.7	3	809
1990 UR1	1992 05 12.31806	15 14 45.78	-19 58 22.5	3	809
1990 UR1	1992 05 12.32500	15 14 45.30	-19 58 15.6	3	809
1990 UR1	1992 05 12.33194	15 14 44.81	-19 58 08.7	3	809
1991 BO	1992 04 23.14514	13 36 42.61	-11 34 01.9	4	809
1991 BO	1992 04 23.15833	13 36 41.91	-11 33 58.1	4	809
1991 BO	1992 04 23.17153	13 36 41.25	-11 33 53.8	4	809
1991 BO	1992 04 25.08889	13 35 10.01	-11 23 01.7	18.3	4 809
1991 BO	1992 04 25.10208	13 35 09.40	-11 22 58.1	4	809
1991 BO	1992 04 25.11528	13 35 08.72	-11 22 53.2	4	809
1991 GG11	1991 04 19.09653	13 15 32.44	-04 00 41.0	18.9	4 809
1991 GG11	1991 04 19.10972	13 15 31.61	-04 00 34.0	4	809
1991 GG11	1991 04 19.13194	13 15 30.52	-04 00 26.0	4	809
1992 AB1	1992 02 06.13125	07 40 09.16	+13 10 09.1	4	809
1992 AB1	1992 02 06.14444	07 40 08.44	+13 10 10.6	4	809
1992 AB1	1992 02 06.15764	07 40 07.70	+13 10 11.9	4	809
1992 AB1	1992 02 12.16597	07 35 42.31	+13 20 59.8	18.4	4 809
1992 AB1	1992 02 12.17917	07 35 41.67	+13 21 01.1	4	809
1992 AB1	1992 02 12.19236	07 35 41.12	+13 21 02.1	4	809
1992 AJ1	1992 02 12.20833	08 15 16.00	+14 40 53.4	4	809
1992 AJ1	1992 02 12.22153	08 15 15.32	+14 40 55.4	4	809
1992 AJ1	1992 02 12.23472	08 15 14.54	+14 40 56.3	4	809
1992 BG	1992 02 06.13125	07 37 53.26	+14 34 45.2	4	809
1992 BG	1992 02 06.14444	07 37 52.52	+14 34 51.9	4	809
1992 BG	1992 02 06.15764	07 37 51.83	+14 34 58.2	4	809
1992 BH	1992 01 30.22708	07 51 04.68	+11 28 54.2	4	809
1992 BH	1992 01 30.24028	07 51 03.97	+11 29 02.0	4	809
1992 BH	1992 01 30.25347	07 51 03.27	+11 29 10.2	4	809
1992 BH	1992 02 12.16597	07 42 08.81	+13 32 12.7	4	809
1992 BH	1992 02 12.17917	07 42 08.27	+13 32 20.3	4	809
1992 BH	1992 02 12.19236	07 42 07.74	+13 32 27.7	4	809
1992 BC1	1992 02 12.20833	08 02 11.62	+16 16 29.4	4	809

1992 BC1	1992 02 12.22153	08 02 11.09	+16 16 45.0	4	809
1992 BC1	1992 02 12.23472	08 02 10.49	+16 16 59.3	4	809
1992 BX1	1992 02 06.13125	07 25 03.00	+14 45 56.4	4	809
1992 BX1	1992 02 06.14444	07 25 02.48	+14 46 00.3	4	809
1992 BX1	1992 02 06.15764	07 25 01.89	+14 46 05.0	4	809
1992 BX1	1992 02 11.19722	07 21 55.93	+15 16 29.6	4	809
1992 BX1	1992 02 11.21042	07 21 55.41	+15 16 34.6	4	809
1992 BY1	1992 02 06.13125	07 25 42.62	+13 33 42.7	4	809
1992 BY1	1992 02 06.14444	07 25 42.07	+13 33 43.9	4	809
1992 BY1	1992 02 06.15764	07 25 41.54	+13 33 44.2	4	809
1992 BY1	1992 02 11.19722	07 22 55.79	+13 42 03.4	4	809
1992 BY1	1992 02 11.21042	07 22 55.28	+13 42 06.2	4	809
1992 BZ1	1992 02 06.13125	07 27 37.46	+13 43 03.7	4	809
1992 BZ1	1992 02 06.14444	07 27 36.90	+13 43 05.6	4	809
1992 BZ1	1992 02 06.15764	07 27 36.36	+13 43 07.3	4	809
1992 BC2	1992 02 06.13125	07 32 26.01	+14 49 27.8	4	809
1992 BC2	1992 02 06.14444	07 32 25.36	+14 49 27.0	4	809
1992 BC2	1992 02 06.15764	07 32 24.79	+14 49 27.4	4	809
1992 BC2	1992 02 11.19722	07 29 12.53	+14 49 52.6	4	809
1992 BC2	1992 02 11.21042	07 29 12.04	+14 49 53.4	4	809
1992 BD2	1992 02 06.13125	07 34 31.06	+14 39 48.7	4	809
1992 BD2	1992 02 06.14444	07 34 30.47	+14 39 53.2	4	809
1992 BD2	1992 02 06.15764	07 34 29.97	+14 39 56.7	4	809
1992 BD2	1992 02 11.19722	07 31 29.84	+15 05 56.7	4	809
1992 BD2	1992 02 11.21042	07 31 29.38	+15 05 59.8	4	809
1992 BE2	1992 02 06.13125	07 34 12.82	+12 42 00.4	4	809
1992 BE2	1992 02 06.14444	07 34 12.20	+12 42 03.6	4	809
1992 BE2	1992 02 06.15764	07 34 11.55	+12 42 08.0	4	809
1992 BF2	1992 02 06.13125	07 35 20.81	+14 14 25.0	4	809
1992 BF2	1992 02 06.14444	07 35 20.29	+14 14 29.4	4	809
1992 BF2	1992 02 06.15764	07 35 19.71	+14 14 35.2	4	809
1992 BF2	1992 02 11.19722	07 32 21.93	+14 47 20.7	4	809
1992 BF2	1992 02 11.21042	07 32 21.28	+14 47 27.9	4	809
1992 BH2	1992 02 06.13125	07 35 25.72	+14 27 44.4	19.2	4 809
1992 BH2	1992 02 06.14444	07 35 24.94	+14 27 45.7	4	809
1992 BH2	1992 02 06.15764	07 35 24.39	+14 27 45.6	4	809
1992 BJ2	1992 02 06.13125	07 35 07.73	+13 37 29.0	4	809
1992 BJ2	1992 02 06.14444	07 35 07.02	+13 37 30.6	4	809
1992 BJ2	1992 02 06.15764	07 35 06.30	+13 37 32.4	4	809
1992 BK2	1992 02 06.13125	07 36 32.50	+12 25 59.2	4	809
1992 BK2	1992 02 06.14444	07 36 31.90	+12 26 02.4	4	809
1992 BK2	1992 02 06.15764	07 36 31.20	+12 26 08.0	4	809
1992 BL2	1992 02 06.13125	07 29 13.01	+13 56 36.9	4	809
1992 BL2	1992 02 06.14444	07 29 11.61	+13 56 26.6	4	809
1992 BL2	1992 02 06.15764	07 29 10.22	+13 56 16.6	4	809
1992 BL2	1992 02 11.19722	07 21 00.67	+12 50 59.9	4	809
1992 BL2	1992 02 11.21042	07 20 59.38	+12 50 49.6	4	809
1992 BM2	1992 02 06.13125	07 38 28.38	+14 23 35.4	4	809
1992 BM2	1992 02 06.14444	07 38 27.65	+14 23 39.1	4	809
1992 BM2	1992 02 06.15764	07 38 26.94	+14 23 41.6	4	809
1992 BM2	1992 02 11.19722	07 34 52.24	+14 42 08.6	4	809
1992 BM2	1992 02 11.21042	07 34 51.63	+14 42 11.7	4	809
1992 BP2	1992 02 12.16597	07 38 29.44	+12 08 35.7	18.7	4 809
1992 BP2	1992 02 12.17917	07 38 28.81	+12 08 39.6	4	809
1992 BP2	1992 02 12.19236	07 38 28.29	+12 08 42.3	4	809
1992 BQ2	* 1992 01 30.22708	08 00 30.79	+13 36 04.1	18.7	4 809
1992 BQ2	1992 01 30.24028	08 00 29.96	+13 36 06.6	4	809
1992 BQ2	1992 01 30.25347	08 00 29.06	+13 36 09.8	4	809
1992 BQ2	1992 02 02.17222	07 57 43.13	+13 43 56.7	18.6	4 809

1992 BQ2		1992 02 02.18542	07 57 42.34	+13 43 58.9		4	809
1992 BQ2		1992 02 02.19861	07 57 41.53	+13 44 01.8		4	809
1992 BR2	*	1992 01 30.22708	08 01 55.86	+11 20 57.1		4	809
1992 BR2		1992 01 30.24028	08 01 55.17	+11 20 58.2		4	809
1992 BR2		1992 01 30.25347	08 01 54.28	+11 20 59.4		4	809
1992 BR2		1992 02 02.17222	07 59 29.40	+11 23 20.4	19.2	4	809
1992 BR2		1992 02 02.18542	07 59 28.67	+11 23 21.6		4	809
1992 BR2		1992 02 02.19861	07 59 27.83	+11 23 22.7		4	809
1992 BR2		1992 02 12.16597	07 52 38.96	+11 35 32.6	18.7	4	809
1992 BR2		1992 02 12.17917	07 52 38.44	+11 35 34.5		4	809
1992 BR2		1992 02 12.19236	07 52 37.83	+11 35 35.1		4	809
1992 BS2	*	1992 01 30.22708	08 04 08.87	+11 08 17.2	18.5	4	809
1992 BS2		1992 01 30.24028	08 04 08.04	+11 08 19.0		4	809
1992 BS2		1992 01 30.25347	08 04 07.19	+11 08 20.2		4	809
1992 BS2		1992 02 02.17222	08 01 33.52	+11 12 12.9	18.5	4	809
1992 BS2		1992 02 02.18542	08 01 32.72	+11 12 13.9		4	809
1992 BS2		1992 02 02.19861	08 01 32.01	+11 12 15.1		4	809
1992 BT2	*	1992 01 30.22708	08 05 05.19	+10 59 11.4	18.0	4	809
1992 BT2		1992 01 30.24028	08 05 04.44	+10 59 20.2		4	809
1992 BT2		1992 01 30.25347	08 05 03.64	+10 59 29.1		4	809
1992 BT2		1992 02 02.17222	08 02 39.72	+11 29 57.2	18.0	4	809
1992 BT2		1992 02 02.18542	08 02 39.02	+11 30 05.4		4	809
1992 BT2		1992 02 02.19861	08 02 38.31	+11 30 13.8		4	809
1992 BT2		1992 02 06.17708	07 59 34.06	+12 11 52.4		4	809
1992 BT2		1992 02 06.19028	07 59 33.41	+12 12 01.4		4	809
1992 BT2		1992 02 06.20347	07 59 32.74	+12 12 10.1		4	809
1992 BT2		1992 02 12.16597	07 55 31.32	+13 13 57.6	18.1	4	809
1992 BT2		1992 02 12.17917	07 55 30.79	+13 14 05.4		4	809
1992 BT2		1992 02 12.19236	07 55 30.20	+13 14 13.8		4	809
1992 BU2	*	1992 01 30.22708	08 06 07.90	+11 58 52.8		4	809
1992 BU2		1992 01 30.24028	08 06 06.97	+11 58 58.5		4	809
1992 BU2		1992 01 30.25347	08 06 06.19	+11 59 02.8		4	809
1992 BU2		1992 02 12.16597	07 56 45.74	+13 25 26.9		4	809
1992 BU2		1992 02 12.17917	07 56 45.18	+13 25 28.5		4	809
1992 BU2		1992 02 12.19236	07 56 44.69	+13 25 30.3		4	809
1992 BV2	*	1992 01 30.22708	08 07 01.92	+12 53 12.6	18.9	4	809
1992 BV2		1992 01 30.24028	08 07 01.16	+12 53 13.1		4	809
1992 BV2		1992 01 30.25347	08 07 00.36	+12 53 14.2		4	809
1992 BV2		1992 02 02.17222	08 04 17.66	+12 56 43.2	19.0	4	809
1992 BV2		1992 02 02.18542	08 04 16.77	+12 56 43.4		4	809
1992 BV2		1992 02 02.19861	08 04 16.00	+12 56 44.7		4	809
1992 BW2	*	1992 01 30.18542	07 33 32.22	+15 00 17.2	19.0	4	809
1992 BW2		1992 01 30.19861	07 33 31.52	+15 00 21.3		4	809
1992 BW2		1992 01 30.21181	07 33 30.87	+15 00 26.1		4	809
1992 BW2		1992 02 06.13125	07 29 02.44	+15 30 15.0		4	809
1992 BW2		1992 02 06.14444	07 29 01.89	+15 30 17.3		4	809
1992 BW2		1992 02 06.15764	07 29 01.50	+15 30 20.3		4	809
1992 BX2	*	1992 01 30.18542	07 44 06.60	+13 00 50.5	18.7	4	809
1992 BX2		1992 01 30.19861	07 44 05.82	+13 00 52.3		4	809
1992 BX2		1992 01 30.21181	07 44 04.99	+13 00 53.5		4	809
1992 BX2		1992 02 06.13125	07 37 55.19	+13 12 48.0		4	809
1992 BX2		1992 02 06.14444	07 37 54.54	+13 12 48.8		4	809
1992 BX2		1992 02 06.15764	07 37 53.78	+13 12 50.7		4	809
1992 CL2		1992 01 30.22708	07 49 51.51	+11 53 55.3		4	809
1992 CL2		1992 01 30.24028	07 49 50.69	+11 53 55.6		4	809
1992 CL2		1992 01 30.25347	07 49 49.88	+11 53 56.7		4	809
1992 CM2		1992 01 30.22708	07 50 14.22	+14 37 00.2		4	809
1992 CM2		1992 01 30.24028	07 50 13.43	+14 36 56.9		4	809
1992 CM2		1992 01 30.25347	07 50 12.63	+14 36 53.1		4	809

1992 CM2	1992 02 12.16597	07 39 30.90	+13 40 18.2	4 809
1992 CM2	1992 02 12.17917	07 39 30.32	+13 40 14.8	4 809
1992 CM2	1992 02 12.19236	07 39 29.70	+13 40 11.7	4 809
1992 CN2	1992 01 30.22708	07 51 42.67	+12 50 08.4	4 809
1992 CN2	1992 01 30.24028	07 51 41.86	+12 50 07.3	4 809
1992 CN2	1992 01 30.25347	07 51 41.00	+12 50 06.5	4 809
1992 CN2	1992 02 12.16597	07 40 34.95	+12 30 09.4	19.0 4 809
1992 CN2	1992 02 12.17917	07 40 34.30	+12 30 07.3	4 809
1992 CN2	1992 02 12.19236	07 40 33.70	+12 30 07.1	4 809
1992 CP2	1992 01 30.22708	07 55 57.72	+11 56 19.8	4 809
1992 CP2	1992 01 30.24028	07 55 57.05	+11 56 22.2	4 809
1992 CP2	1992 01 30.25347	07 55 56.31	+11 56 25.8	4 809
1992 CP2	1992 02 12.16597	07 46 04.10	+12 46 14.8	4 809
1992 CP2	1992 02 12.17917	07 46 03.48	+12 46 18.4	4 809
1992 CP2	1992 02 12.19236	07 46 02.90	+12 46 20.0	4 809
1992 CQ2	1992 01 30.22708	07 55 50.23	+12 02 16.9	4 809
1992 CQ2	1992 01 30.24028	07 55 49.58	+12 02 21.1	4 809
1992 CQ2	1992 01 30.25347	07 55 48.82	+12 02 25.2	4 809
1992 CQ2	1992 02 12.16597	07 46 49.72	+13 05 42.6	4 809
1992 CQ2	1992 02 12.17917	07 46 49.17	+13 05 46.3	4 809
1992 CQ2	1992 02 12.19236	07 46 48.64	+13 05 50.7	4 809
1992 CR2	1992 01 30.22708	07 56 55.12	+13 44 47.2	4 809
1992 CR2	1992 01 30.24028	07 56 54.19	+13 44 50.6	4 809
1992 CR2	1992 01 30.25347	07 56 53.10	+13 44 55.2	4 809
1992 CR2	1992 02 12.16597	07 44 28.04	+14 38 48.7	4 809
1992 CR2	1992 02 12.17917	07 44 27.31	+14 38 52.1	4 809
1992 CR2	1992 02 12.19236	07 44 26.59	+14 38 55.8	4 809
1992 CT2	1992 01 30.22708	07 58 25.15	+15 34 44.0	4 809
1992 CT2	1992 01 30.24028	07 58 24.49	+15 34 45.7	4 809
1992 CT2	1992 01 30.25347	07 58 23.78	+15 34 48.3	4 809
1992 CT2	1992 02 12.16597	07 48 58.58	+16 06 29.7	4 809
1992 CT2	1992 02 12.17917	07 48 58.01	+16 06 31.1	4 809
1992 CT2	1992 02 12.19236	07 48 57.46	+16 06 33.2	4 809
1992 CU2	1992 01 30.22708	07 59 16.47	+15 42 39.8	4 809
1992 CU2	1992 01 30.24028	07 59 15.73	+15 42 41.0	4 809
1992 CU2	1992 01 30.25347	07 59 15.05	+15 42 42.0	4 809
1992 CU2	1992 02 12.16597	07 49 38.23	+15 54 15.8	4 809
1992 CU2	1992 02 12.17917	07 49 37.66	+15 54 16.7	4 809
1992 CU2	1992 02 12.19236	07 49 36.99	+15 54 16.9	4 809
1992 CV2	1992 01 30.22708	08 01 42.78	+13 19 17.0	4 809
1992 CV2	1992 01 30.24028	08 01 41.96	+13 19 21.6	4 809
1992 CV2	1992 01 30.25347	08 01 41.12	+13 19 26.2	4 809
1992 CV2	1992 02 12.16597	07 50 55.24	+14 26 35.4	4 809
1992 CV2	1992 02 12.17917	07 50 54.65	+14 26 39.2	4 809
1992 CV2	1992 02 12.19236	07 50 53.99	+14 26 43.7	4 809
1992 CY2	1992 01 30.22708	08 02 05.29	+12 59 07.8	4 809
1992 CY2	1992 01 30.24028	08 02 04.54	+12 59 07.0	4 809
1992 CY2	1992 01 30.25347	08 02 03.85	+12 59 08.1	4 809
1992 CY2	1992 02 12.16597	07 52 13.20	+13 18 25.0	4 809
1992 CY2	1992 02 12.17917	07 52 12.45	+13 18 27.1	4 809
1992 CY2	1992 02 12.19236	07 52 11.90	+13 18 28.2	4 809
1992 CZ2	1992 01 30.22708	08 03 41.25	+12 56 38.5	19.0 4 809
1992 CZ2	1992 01 30.24028	08 03 40.33	+12 56 41.2	4 809
1992 CZ2	1992 01 30.25347	08 03 39.60	+12 56 43.3	4 809
1992 CA3	1992 01 30.22708	08 04 12.60	+14 47 19.0	4 809
1992 CA3	1992 01 30.24028	08 04 11.64	+14 47 19.4	4 809
1992 CA3	1992 01 30.25347	08 04 10.76	+14 47 19.8	4 809
1992 CA3	1992 02 12.16597	07 52 03.94	+14 53 04.8	4 809
1992 CA3	1992 02 12.17917	07 52 03.16	+14 53 05.3	4 809

1992 CA3		1992 02 12.19236	07 52 02.57	+14 53 05.8			4	809
1992 CB3		1992 01 30.22708	08 05 24.42	+13 33 01.9	18.7		4	809
1992 CB3		1992 01 30.24028	08 05 23.57	+13 33 03.6			4	809
1992 CB3		1992 01 30.25347	08 05 22.61	+13 33 06.0			4	809
1992 CD3		1992 01 30.22708	08 06 19.21	+12 06 05.1	19.0		4	809
1992 CD3		1992 01 30.24028	08 06 18.45	+12 06 11.3			4	809
1992 CD3		1992 01 30.25347	08 06 17.68	+12 06 17.7			4	809
1992 CE3		1992 01 30.22708	08 08 57.49	+12 34 47.3			4	809
1992 CE3		1992 01 30.24028	08 08 56.63	+12 34 52.6			4	809
1992 CE3		1992 01 30.25347	08 08 55.82	+12 34 57.4			4	809
1992 CE3		1992 02 12.20833	07 58 24.59	+13 53 38.2			4	809
1992 CE3		1992 02 12.22153	07 58 24.02	+13 53 43.5			4	809
1992 CE3		1992 02 12.23472	07 58 23.40	+13 53 48.3			4	809
1992 CF3		1992 01 30.22708	08 09 36.08	+12 10 13.4	18.6		4	809
1992 CF3		1992 01 30.24028	08 09 35.29	+12 10 18.6			4	809
1992 CF3		1992 01 30.25347	08 09 34.26	+12 10 22.7			4	809
1992 CF3		1992 02 12.16597	07 56 49.60	+13 20 32.3			4	809
1992 CF3		1992 02 12.17917	07 56 48.80	+13 20 36.0			4	809
1992 CF3		1992 02 12.19236	07 56 48.02	+13 20 41.1			4	809
1992 CF3		1992 02 12.20833	07 56 47.22	+13 20 46.6			4	809
1992 CF3		1992 02 12.22153	07 56 46.44	+13 20 51.4			4	809
1992 CF3		1992 02 12.23472	07 56 45.69	+13 20 56.0			4	809
1992 CG3		1992 01 30.22708	08 09 04.31	+11 21 09.1	18.3		4	809
1992 CG3		1992 01 30.24028	08 09 03.39	+11 21 15.7			4	809
1992 CG3		1992 01 30.25347	08 09 02.48	+11 21 21.2			4	809
1992 CG3		1992 02 02.17222	08 06 21.08	+11 39 14.0	18.5		4	809
1992 CG3		1992 02 02.18542	08 06 20.30	+11 39 19.2			4	809
1992 CG3		1992 02 02.19861	08 06 19.52	+11 39 24.0			4	809
1992 CG3		1992 02 06.17708	08 02 52.31	+12 04 07.8	18.5		4	809
1992 CG3		1992 02 06.19028	08 02 51.55	+12 04 13.8			4	809
1992 CG3		1992 02 06.20347	08 02 50.90	+12 04 18.8			4	809
1992 CG3		1992 02 12.20833	07 58 15.80	+12 41 43.8			4	809
1992 CG3		1992 02 12.22153	07 58 15.15	+12 41 49.7			4	809
1992 CG3		1992 02 12.23472	07 58 14.49	+12 41 54.0			4	809
1992 CJ3		1992 02 12.20833	08 02 27.88	+14 59 27.7			4	809
1992 CJ3		1992 02 12.22153	08 02 27.31	+14 59 32.1			4	809
1992 CJ3		1992 02 12.23472	08 02 26.72	+14 59 36.9			4	809
1992 CK3		1992 02 12.20833	08 06 26.33	+15 25 55.6			4	809
1992 CK3		1992 02 12.22153	08 06 25.64	+15 25 58.3			4	809
1992 CK3		1992 02 12.23472	08 06 25.00	+15 26 00.9			4	809
1992 CM3		1992 02 12.20833	08 14 37.93	+15 39 16.6			4	809
1992 CM3		1992 02 12.22153	08 14 37.12	+15 39 26.8			4	809
1992 CM3		1992 02 12.23472	08 14 36.24	+15 39 38.6			4	809
1992 CN3		1992 02 12.20833	08 15 00.35	+13 41 52.1			4	809
1992 CN3		1992 02 12.22153	08 14 59.51	+13 41 56.2			4	809
1992 CN3		1992 02 12.23472	08 14 58.69	+13 41 59.7			4	809
1992 CO3	*	1992 02 02.17222	07 47 54.75	+11 16 49.7	18.6		4	809
1992 CO3		1992 02 02.18542	07 47 54.06	+11 16 54.7			4	809
1992 CO3		1992 02 02.19861	07 47 53.29	+11 17 00.6			4	809
1992 CO3		1992 02 12.16597	07 40 43.61	+12 29 01.0	18.4		4	809
1992 CO3		1992 02 12.17917	07 40 43.05	+12 29 06.1			4	809
1992 CO3		1992 02 12.19236	07 40 42.54	+12 29 12.6			4	809
1992 CP3	*	1992 02 02.21458	08 13 15.00	+14 18 11.4	18.6		4	809
1992 CP3		1992 02 02.22778	08 13 14.09	+14 18 12.2			4	809
1992 CP3		1992 02 02.24097	08 13 13.22	+14 18 14.0			4	809
1992 CP3		1992 02 12.20833	08 03 59.86	+14 41 21.6			4	809
1992 CP3		1992 02 12.22153	08 03 59.07	+14 41 23.9			4	809
1992 CP3		1992 02 12.23472	08 03 58.35	+14 41 25.2			4	809
1992 CQ3	*	1992 02 02.21458	08 20 40.00	+14 25 25.2	19.3		4	809

1992 CQ3		1992 02 02.22778	08 20 39.05	+14 25 27.8		4	809
1992 CQ3		1992 02 02.24097	08 20 38.21	+14 25 30.0		4	809
1992 CQ3		1992 02 12.20833	08 10 20.80	+14 51 47.6		4	809
1992 CQ3		1992 02 12.22153	08 10 19.99	+14 51 48.8		4	809
1992 CQ3		1992 02 12.23472	08 10 19.14	+14 51 50.7		4	809
1992 CR3	*	1992 02 02.21458	08 21 31.50	+14 09 08.8	19.5	4	809
1992 CR3		1992 02 02.22778	08 21 30.76	+14 09 10.1		4	809
1992 CR3		1992 02 02.24097	08 21 29.85	+14 09 11.4		4	809
1992 CR3		1992 02 12.20833	08 11 59.75	+14 36 19.2		4	809
1992 CR3		1992 02 12.22153	08 11 58.97	+14 36 21.4		4	809
1992 CR3		1992 02 12.23472	08 11 58.29	+14 36 22.1		4	809
1992 CS3	*	1992 02 07.18677	08 11 06.18	+16 07 08.5	18.3	4	809
1992 CS3		1992 02 07.19997	08 11 05.53	+16 07 08.2		4	809
1992 CS3		1992 02 07.21316	08 11 04.84	+16 07 07.7		4	809
1992 CS3		1992 02 12.20833	08 07 13.32	+16 08 43.1		4	809
1992 CS3		1992 02 12.22153	08 07 12.66	+16 08 43.2		4	809
1992 CS3		1992 02 12.23472	08 07 12.02	+16 08 43.3		4	809
1992 CT3	*	1992 02 02.13056	07 30 14.00	+11 02 42.8	19.2	4	809
1992 CT3		1992 02 02.14375	07 30 13.36	+11 02 49.6		4	809
1992 CT3		1992 02 02.15694	07 30 12.60	+11 02 59.4		4	809
1992 CT3		1992 02 06.13125	07 27 14.44	+11 46 09.7	18.5	4	809
1992 CT3		1992 02 06.14444	07 27 13.79	+11 46 18.8		4	809
1992 CT3		1992 02 06.15764	07 27 13.25	+11 46 26.2		4	809
1992 CU3	*	1992 02 02.13056	07 32 04.40	+11 16 11.1	19.3	4	809
1992 CU3		1992 02 02.14375	07 32 03.68	+11 16 11.5		4	809
1992 CU3		1992 02 02.15694	07 32 02.86	+11 16 12.7		4	809
1992 CU3		1992 02 06.13125	07 29 08.62	+11 21 17.9	19.3	4	809
1992 CU3		1992 02 06.14444	07 29 07.86	+11 21 19.3		4	809
1992 CU3		1992 02 06.15764	07 29 07.15	+11 21 20.2		4	809
1992 HZ3	*	1992 04 23.14514	13 34 54.43	-11 08 59.1		4	809
1992 HZ3		1992 04 23.15833	13 34 53.65	-11 08 55.3		4	809
1992 HZ3		1992 04 23.17153	13 34 53.08	-11 08 53.8		4	809
1992 HZ3		1992 04 25.08889	13 33 16.82	-11 01 41.3	18.4	4	809
1992 HZ3		1992 04 25.10208	13 33 16.09	-11 01 38.3		4	809
1992 HZ3		1992 04 25.11528	13 33 15.38	-11 01 36.2		4	809
1992 HA4	*	1992 04 23.14514	13 35 17.91	-10 14 34.0		4	809
1992 HA4		1992 04 23.15833	13 35 17.26	-10 14 30.6		4	809
1992 HA4		1992 04 23.17153	13 35 16.63	-10 14 27.9		4	809
1992 HA4		1992 04 25.08889	13 33 42.73	-10 05 16.4	18.6	4	809
1992 HA4		1992 04 25.10208	13 33 42.12	-10 05 13.4		4	809
1992 HA4		1992 04 25.11528	13 33 41.44	-10 05 10.7		4	809
1992 HB4	*	1992 04 23.14514	13 35 42.43	-11 13 39.0		4	809
1992 HB4		1992 04 23.15833	13 35 41.58	-11 13 22.2		4	809
1992 HB4		1992 04 23.17153	13 35 40.91	-11 13 10.7		4	809
1992 HB4		1992 04 25.08889	13 33 53.44	-10 35 36.5	18.5	4	809
1992 HB4		1992 04 25.10208	13 33 52.62	-10 35 20.4		4	809
1992 HB4		1992 04 25.11528	13 33 51.84	-10 35 05.2		4	809
1992 HC4	*	1992 04 23.14514	13 42 26.43	-11 26 58.7		4	809
1992 HC4		1992 04 23.15833	13 42 25.69	-11 26 57.9		4	809
1992 HC4		1992 04 23.17153	13 42 24.71	-11 26 56.7		4	809
1992 HC4		1992 04 25.08889	13 40 35.69	-11 29 00.1	18.6	4	809
1992 HC4		1992 04 25.10208	13 40 34.88	-11 29 01.2		4	809
1992 HC4		1992 04 25.11528	13 40 34.16	-11 29 02.3		4	809
1992 HD4	*	1992 04 23.14514	13 43 46.91	-11 25 45.8		4	809
1992 HD4		1992 04 23.15833	13 43 46.26	-11 25 39.8		4	809
1992 HD4		1992 04 23.17153	13 43 45.53	-11 25 32.9		4	809
1992 HD4		1992 04 25.08889	13 42 18.38	-11 08 39.0	18.4	4	809
1992 HD4		1992 04 25.10208	13 42 17.81	-11 08 32.4		4	809
1992 HD4		1992 04 25.11528	13 42 17.15	-11 08 25.8		4	809

1992 HE4	*	1992 04	23.14514	13 44	42.36	-10 04	24.7		4	809
1992 HE4		1992 04	23.15833	13 44	41.71	-10 04	21.7		4	809
1992 HE4		1992 04	23.17153	13 44	41.05	-10 04	17.8		4	809
1992 HE4		1992 04	25.08889	13 43	07.74	-09 57	06.7	18.6	4	809
1992 HE4		1992 04	25.10208	13 43	07.12	-09 57	03.5		4	809
1992 HE4		1992 04	25.11528	13 43	06.46	-09 57	01.0		4	809
1992 HF4	*	1992 04	23.14514	13 45	50.58	-09 59	17.4		4	809
1992 HF4		1992 04	23.15833	13 45	49.66	-09 59	07.8		4	809
1992 HF4		1992 04	23.17153	13 45	48.94	-09 58	59.4		4	809
1992 HF4		1992 04	25.08889	13 44	08.32	-09 38	15.6	18.5	4	809
1992 HF4		1992 04	25.10208	13 44	07.64	-09 38	07.5		4	809
1992 HF4		1992 04	25.11528	13 44	06.84	-09 37	58.4		4	809
1992 HG4	*	1992 04	23.14514	13 49	08.35	-11 26	12.1		4	809
1992 HG4		1992 04	23.15833	13 49	07.61	-11 26	07.8		4	809
1992 HG4		1992 04	23.17153	13 49	06.78	-11 26	04.2		4	809
1992 HG4		1992 04	25.08889	13 47	15.68	-11 14	22.7	18.2	4	809
1992 HG4		1992 04	25.10208	13 47	14.94	-11 14	18.2		4	809
1992 HG4		1992 04	25.11528	13 47	14.16	-11 14	13.8		4	809
1992 JJ1	*	1992 05	07.21076	15 05	28.42	-18 04	34.8	17.0	3	809
1992 JJ1		1992 05	07.22118	15 05	27.89	-18 04	19.9		3	809
1992 JJ1		1992 05	07.23160	15 05	27.31	-18 04	04.9		3	809
1992 JJ1		1992 05	12.29514	15 01	08.64	-16 14	11.1		3	809
1992 JJ1		1992 05	12.30208	15 01	08.28	-16 14	01.4		3	809
1992 JJ1		1992 05	12.30903	15 01	07.93	-16 13	51.7		3	809
1992 JK1	*	1992 05	07.21076	15 05	43.67	-17 17	06.1	16.9	3	809
1992 JK1		1992 05	07.22118	15 05	43.16	-17 17	01.3		3	809
1992 JK1		1992 05	07.23160	15 05	42.65	-17 16	56.3		3	809
1992 JK1		1992 05	12.29514	15 01	41.38	-16 35	52.8		3	809
1992 JK1		1992 05	12.30208	15 01	40.99	-16 35	49.8		3	809
1992 JK1		1992 05	12.30903	15 01	40.60	-16 35	46.9		3	809
1992 JL1	*	1992 05	08.18507	15 18	23.27	-20 14	29.1	17.5	3	809
1992 JL1		1992 05	08.19549	15 18	22.68	-20 14	27.5		3	809
1992 JL1		1992 05	08.20590	15 18	22.11	-20 14	25.8		3	809
1992 JL1		1992 05	12.31806	15 14	33.33	-20 05	12.4		3	809
1992 JL1		1992 05	12.32500	15 14	32.92	-20 05	11.6		3	809
1992 JL1		1992 05	12.33194	15 14	32.52	-20 05	10.7		3	809
2642 P-L		1992 01	30.22708	07 51	16.45	+10 52	00.9		4	809
2642 P-L		1992 01	30.24028	07 51	15.57	+10 52	06.1		4	809
2642 P-L		1992 01	30.25347	07 51	14.63	+10 52	10.3		4	809
2642 P-L		1992 02	12.16597	07 39	24.29	+12 07	04.4	18.5	4	809
2642 P-L		1992 02	12.17917	07 39	23.60	+12 07	09.6		4	809
2642 P-L		1992 02	12.19236	07 39	22.89	+12 07	14.0		4	809
(163)		1992 02	12.20833	08 10	22.82	+15 31	09.1		4	809
(163)		1992 02	12.22153	08 10	22.20	+15 31	15.6		4	809
(163)		1992 02	12.23472	08 10	21.57	+15 31	20.5		4	809
(211)		1992 02	12.20833	08 15	18.52	+15 25	51.5		4	809
(211)		1992 02	12.22153	08 15	17.79	+15 25	53.8		4	809
(211)		1992 02	12.23472	08 15	17.07	+15 25	55.5		4	809
(440)		1992 04	23.14514	13 33	25.90	-12 51	13.8		4	809
(440)		1992 04	23.15833	13 33	25.04	-12 51	09.8		4	809
(440)		1992 04	23.17153	13 33	24.23	-12 51	04.2		4	809
(445)		1992 02	12.20833	08 01	01.70	+13 31	55.8		4	809
(445)		1992 02	12.22153	08 01	01.02	+13 31	54.8		4	809
(445)		1992 02	12.23472	08 01	00.29	+13 31	54.2		4	809
(743)		1992 01	30.22708	07 48	48.87	+13 51	43.4		4	809
(743)		1992 01	30.24028	07 48	48.17	+13 51	45.8		4	809
(743)		1992 01	30.25347	07 48	47.40	+13 51	47.6		4	809
(743)		1992 02	12.16597	07 39	08.75	+14 25	30.4		4	809
(743)		1992 02	12.17917	07 39	08.11	+14 25	31.8		4	809

(743)	1992 02 12.19236	07 39 07.53	+14 25 34.1	4	809
(1084)	1992 02 12.20833	08 14 44.05	+14 54 32.0	4	809
(1084)	1992 02 12.22153	08 14 43.32	+14 54 35.3	4	809
(1084)	1992 02 12.23472	08 14 42.64	+14 54 39.1	4	809
(1254)	1992 02 12.20833	08 14 07.48	+16 14 02.6	4	809
(1254)	1992 02 12.22153	08 14 06.79	+16 14 03.7	4	809
(1254)	1992 02 12.23472	08 14 06.10	+16 14 04.6	4	809
(1394)	1992 02 12.20833	08 10 24.95	+16 48 23.6	4	809
(1394)	1992 02 12.22153	08 10 24.22	+16 48 27.0	4	809
(1394)	1992 02 12.23472	08 10 23.46	+16 48 30.2	4	809
(1590)	1992 02 12.20833	08 04 34.23	+13 20 11.6	4	809
(1590)	1992 02 12.22153	08 04 33.42	+13 20 15.3	4	809
(1590)	1992 02 12.23472	08 04 32.64	+13 20 18.2	4	809
(1654)	1992 04 23.14514	13 39 04.45	-11 15 35.7	4	809
(1654)	1992 04 23.15833	13 39 03.74	-11 15 33.4	4	809
(1654)	1992 04 23.17153	13 39 03.06	-11 15 32.7	4	809
(1654)	1992 04 25.08889	13 37 27.00	-11 11 30.4	18.0	4 809
(1654)	1992 04 25.10208	13 37 26.29	-11 11 28.8	4	809
(1654)	1992 04 25.11528	13 37 25.59	-11 11 27.2	4	809
(2238)	1992 04 23.14514	13 34 51.67	-09 41 11.6	4	809
(2238)	1992 04 23.15833	13 34 50.97	-09 41 06.6	4	809
(2238)	1992 04 23.17153	13 34 50.47	-09 41 04.3	4	809
(2238)	1992 04 25.08889	13 33 22.79	-09 33 13.7	18.7	4 809
(2238)	1992 04 25.10208	13 33 22.15	-09 33 10.4	4	809
(2238)	1992 04 25.11528	13 33 21.52	-09 33 06.7	4	809
(2373)	1992 02 06.13125	07 41 55.36	+14 59 59.3	4	809
(2373)	1992 02 06.14444	07 41 54.74	+15 00 03.8	4	809
(2373)	1992 02 06.15764	07 41 54.11	+15 00 08.2	4	809
(2373)	1992 02 12.16597	07 37 53.27	+15 32 30.1	4	809
(2373)	1992 02 12.17917	07 37 52.74	+15 32 34.2	4	809
(2373)	1992 02 12.19236	07 37 52.22	+15 32 38.3	4	809
(2473)	1992 02 12.20833	08 07 45.71	+12 22 55.0	4	809
(2473)	1992 02 12.22153	08 07 45.01	+12 23 00.6	4	809
(2473)	1992 02 12.23472	08 07 44.26	+12 23 06.1	4	809
(2613)	1992 01 30.22708	07 49 59.02	+13 05 57.5	4	809
(2613)	1992 01 30.24028	07 49 58.28	+13 05 56.9	4	809
(2613)	1992 01 30.25347	07 49 57.50	+13 05 56.2	4	809
(2613)	1992 02 12.16597	07 39 55.10	+12 59 01.9	4	809
(2613)	1992 02 12.17917	07 39 54.48	+12 59 02.0	4	809
(2613)	1992 02 12.19236	07 39 53.87	+12 59 02.0	4	809
(2872)	1992 02 12.20833	07 57 31.10	+16 20 36.8	18.0	4 809
(2872)	1992 02 12.22153	07 57 30.46	+16 20 38.4	4	809
(2872)	1992 02 12.23472	07 57 29.90	+16 20 40.0	4	809
(2934)	1992 04 25.08889	13 49 53.34	-09 22 18.6	18.0	4 809
(2934)	1992 04 25.10208	13 49 52.77	-09 22 12.8	4	809
(2934)	1992 04 25.11528	13 49 52.20	-09 22 08.4	4	809
(3013)	1992 04 23.14514	13 45 43.40	-13 35 50.1	4	809
(3013)	1992 04 23.15833	13 45 42.67	-13 35 45.4	4	809
(3013)	1992 04 23.17153	13 45 41.96	-13 35 41.3	4	809
(3124)	1992 02 12.20833	08 00 53.46	+15 32 39.8	4	809
(3124)	1992 02 12.22153	08 00 52.82	+15 32 44.1	4	809
(3124)	1992 02 12.23472	08 00 52.21	+15 32 47.2	4	809
(3299)	1992 01 30.22708	07 49 10.01	+13 04 28.9	4	809
(3299)	1992 01 30.24028	07 49 09.16	+13 04 29.9	4	809
(3299)	1992 01 30.25347	07 49 08.25	+13 04 31.1	4	809
(3299)	1992 02 06.13125	07 42 43.99	+13 15 50.1	4	809
(3299)	1992 02 06.14444	07 42 43.22	+13 15 51.1	4	809
(3299)	1992 02 06.15764	07 42 42.45	+13 15 52.7	4	809
(3299)	1992 02 12.16597	07 38 08.18	+13 26 53.8	4	809

(3299)	1992 02 12.17917	07 38 07.55	+13 26 55.1		4	809
(3299)	1992 02 12.19236	07 38 06.95	+13 26 57.0		4	809
(3363)	1992 02 12.20833	08 11 41.55	+15 34 45.9		4	809
(3363)	1992 02 12.22153	08 11 40.90	+15 34 49.9		4	809
(3363)	1992 02 12.23472	08 11 40.29	+15 34 52.8		4	809
(3440)	1992 02 12.20833	08 12 32.98	+12 18 04.9		4	809
(3440)	1992 02 12.22153	08 12 32.36	+12 18 09.4		4	809
(3440)	1992 02 12.23472	08 12 31.64	+12 18 14.2		4	809
(3632)	1992 04 23.14514	13 38 27.57	-09 02 13.1		4	809
(3632)	1992 04 23.15833	13 38 26.83	-09 02 07.1		4	809
(3632)	1992 04 23.17153	13 38 26.22	-09 02 03.0		4	809
(3632)	1992 04 25.08889	13 36 54.66	-08 50 07.8	18.5	4	809
(3632)	1992 04 25.10208	13 36 54.02	-08 50 02.3		4	809
(3632)	1992 04 25.11528	13 36 53.41	-08 49 58.0		4	809
(4092)	1992 02 12.16597	07 46 20.89	+16 36 12.4	18.4	4	809
(4092)	1992 02 12.17917	07 46 20.25	+16 36 14.3		4	809
(4092)	1992 02 12.19236	07 46 19.70	+16 36 16.0		4	809
(4146)	1992 02 06.13125	07 23 37.00	+15 35 32.2		4	809
(4146)	1992 02 06.14444	07 23 36.42	+15 35 36.8		4	809
(4146)	1992 02 06.15764	07 23 35.81	+15 35 40.9		4	809
(4160)	1992 02 12.20833	08 07 22.18	+13 03 11.2		4	809
(4160)	1992 02 12.22153	08 07 21.49	+13 03 15.5		4	809
(4160)	1992 02 12.23472	08 07 20.75	+13 03 20.2		4	809
(4182)	1992 01 30.22708	07 55 10.65	+13 14 52.3		4	809
(4182)	1992 01 30.24028	07 55 09.96	+13 14 53.6		4	809
(4182)	1992 01 30.25347	07 55 09.20	+13 14 54.7		4	809
(4182)	1992 02 12.16597	07 44 51.92	+13 35 56.4		4	809
(4182)	1992 02 12.17917	07 44 51.27	+13 35 57.4		4	809
(4182)	1992 02 12.19236	07 44 50.63	+13 35 58.7		4	809
(4614)	1992 02 12.20833	08 16 45.95	+13 56 35.2		4	809
(4614)	1992 02 12.22153	08 16 45.20	+13 56 39.8		4	809
(4614)	1992 02 12.23472	08 16 44.37	+13 56 44.1		4	809
(4832)	1992 02 12.16597	07 42 05.47	+14 53 54.4	18.6	4	809
(4832)	1992 02 12.17917	07 42 05.06	+14 53 57.0		4	809
(4832)	1992 02 12.19236	07 42 04.72	+14 54 00.2		4	809
(5172)	1992 02 12.20833	08 04 02.74	+13 49 41.4		4	809
(5172)	1992 02 12.22153	08 04 02.00	+13 49 43.8		4	809
(5172)	1992 02 12.23472	08 04 01.29	+13 49 46.4		4	809

885 JCPM Yakiimo Station

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

Observers A. Natori, T. Urata

Measurer T. Urata

0.20-m f/4.0 hyperboloid astrocamera

GSC

1990 XK	1992 05 25.50833	15 49 47.03	-24 46 46.1	15.5	p	885
1990 XK	1992 05 25.51597	15 49 46.77	-24 46 40.8		p	885

886 Susono

T. Furuta, 17-2 Mitsuike, Kagiya, Tokai 477, Japan

Observer M. Akiyama

Measurer T. Furuta

0.25-m f/4.2 Wright-Schmidt camera

GSC

1990 UH	1992 05 01.54306	13 44 19.15	-08 38 46.5	16.0		886
1990 UH	1992 05 01.55069	13 44 18.85	-08 38 41.4			886
1990 UH	1992 05 27.55868	13 34 44.33	-05 03 24.6			886
1990 UH	1992 05 27.56970	13 34 44.30	-05 03 21.8			886

888 Gekko

M. Gomi, Gekko Observatory, Kan-nami, Shizuoka 419-01, Japan

Observer Y. Oshima

1978 RV5	1990 01	24.70938	11 10	27.16	+08 18	39.0	17.0	888
1978 RV5	1990 01	24.75382	11 10	25.91	+08 18	46.6		888
1981 EJ5	1989 12	21.67361	07 13	39.15	+23 15	31.2	19.0	888
1981 EJ5	1989 12	21.70972	07 13	36.75	+23 15	32.0		888
1981 EJ5	1990 01	04.67431	06 57	00.52	+23 19	07.2	19.0	888
1981 EJ5	1990 01	04.72153	06 56	56.81	+23 19	08.1		888
1984 UW	1989 12	21.52361	04 56	36.84	+27 58	44.3	17.5	888
1984 UW	1989 12	21.56389	04 56	34.63	+27 58	34.1		888

894 Otomo

S. Otomo, Kiyosato 3545-3902, Takane-cho, Kitakoma-gun, Yamanashi-ken,

407-03, Japan

1966 CL	1992 03	30.74479	13 36	58.92	-04 15	20.8	16.5	894
1966 CL	1992 03	30.77119	13 36	57.63	-04 15	13.1		894
1979 SA8	1992 04	21.56563	13 50	47.76	-12 46	58.6	16.3	894
1979 SA8	1992 04	21.57639	13 50	47.01	-12 46	56.9		894
1990 OT3	1992 01	26.57755	06 53	17.03	+24 25	33.0	17.2	894
1990 OT3	1992 01	26.59132	06 53	16.28	+24 25	30.5		894
1990 OT3	1992 01	27.60938	06 52	19.13	+24 24	06.3	17.0	894
1990 OT3	1992 01	28.67789	06 51	21.15	+24 22	33.9		894
1990 UH	1992 04	21.56563	13 51	46.86	-10 39	25.4	16.0	894
1990 UH	1992 04	21.57639	13 51	46.28	-10 39	18.3		894
1992 FT1	1992 04	20.50833	12 06	46.34	-04 50	06.5	16.7	894
1992 FT1	1992 04	20.52083	12 06	45.89	-04 50	05.5		894
1992 FT1	1992 04	20.53310	12 06	45.57	-04 50	05.6		894
1992 FT1	1992 04	21.51319	12 06	12.91	-04 49	05.1		894
1992 FT1	1992 04	21.52778	12 06	12.33	-04 49	04.0		894
1992 JN1	1992 05	22.64931	16 23	40.42	-10 37	24.5	16.5	894
1992 JN1	1992 05	22.66477	16 23	39.52	-10 37	27.5		894
1992 JN1	1992 05	28.70486	16 17	27.59	-10 57	33.5	16.4	894
1992 JN1	1992 05	28.71771	16 17	26.74	-10 57	36.9		894
1992 KJ	* 1992 05	28.62402	16 34	26.60	-16 53	12.8	16.5	894
1992 KJ	1992 05	28.63715	16 34	25.77	-16 53	10.4		894
1992 KJ	1992 06	02.64757	16 29	45.34	-16 34	09.9	16.7	894
1992 KJ	1992 06	02.66076	16 29	44.47	-16 34	06.4		894
1992 KK	* 1992 05	28.65139	16 24	41.82	-14 40	18.8	16.6	894
1992 KK	1992 05	28.66424	16 24	41.04	-14 40	16.1		894
1992 KK	1992 06	02.59618	16 19	56.49	-14 22	44.6	16.6	894
1992 KK	1992 06	02.60799	16 19	55.77	-14 22	42.1		894
1992 KL	* 1992 05	28.65139	16 30	59.26	-12 27	10.3	16.6	894
1992 KL	1992 05	28.66424	16 30	58.57	-12 27	10.9		894
1992 KL	1992 06	02.62153	16 26	42.23	-12 31	06.9	16.7	894
1992 KL	1992 06	02.63438	16 26	41.53	-12 31	07.7		894
(380)	1992 05	28.62402	16 31	26.08	-17 15	03.3		894
(380)	1992 05	28.63715	16 31	25.27	-17 15	03.3		894
(4884)	1992 05	22.64931	16 27	10.15	-11 45	11.4	16.8	894
(4884)	1992 05	22.66477	16 27	09.05	-11 45	07.4		894
(4884)	1992 05	28.70486	16 21	26.34	-11 26	55.7	16.6	894
(4884)	1992 05	28.71771	16 21	25.48	-11 26	55.9		894
(5214)	1992 03	30.67882	12 58	10.51	-07 25	48.2	16.7	894
(5214)	1992 03	30.69201	12 58	09.62	-07 25	45.5		894

896 Yatsugatake South Base Observatory

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

Observer Y. Kushida

Measurer O. Muramatsu

1991 RV26	1991 10 02.67083	01 23 43.71	+13 59 06.0	16.5	896
1991 RV26	1991 10 02.69861	01 23 42.16	+13 59 08.0		896
1992 HD	1992 05 03.70556	14 34 39.1	-08 54 46		896
1992 HD	1992 05 03.72431	14 34 38.0	-08 54 40		896
1992 HD	1992 05 05.62847	14 33 01.73	-08 48 12.0		896
1992 HH	1992 05 11.69965	14 58 27.8	+00 34 12		896
1992 HJ	1992 05 05.64028	15 05 42.89	-07 59 16.1		896
1992 HJ	1992 05 05.66458	15 05 41.40	-07 59 10.3		896
1992 HL	1992 05 11.71076	15 02 48.19	+03 56 05.2		896
1992 HL	1992 05 24.60388	14 54 31.48	+05 49 28.0		896

903 Kannabe Observatory, Albireo Station

T. Nomura, 1-1-8, Yamate, Tarumi-ku, Kobe 655, Japan

Observers T. Nomura, K. Ito, M. Iida, H. Tari

Measurer T. Nomura

Long. and Parallax 134.6610, 0.81507, +0.57752 (see MPC 19348)

0.60-m reflector + f/1.5 focal reducer + CCD

GSC

1990 XA	1992 05 30.58308	13 07 02.1	-17 26 01	16 V	903
---------	------------------	------------	-----------	------	-----

* * * * *

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.
- E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. (E)
- M. Carpino, Osservatorio Astronomico de Brera, Via Brera 28, I-20121 Milan, Italy (o)
- K. Ichikawa, 45 Shiromae Kamiwada-cho, Okazaki-shi, Aichi, 444-02 Japan
- H. Kaneda, 2-15-2H, Kawazoe 8 Jo 2 Chome, Minami-ku, Sapporo 005, Japan
- T. Kobayashi, 1717-2 Shimo-Koizumi, Oizumi-machi, Ora-gun, Gunma-ken, 370-05 Japan
- B. G. Marsden, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. (M)
- K. Muraoka, Nakashima 1207-2, B-101, Okatoyo-Cho, Nangoku, Kochi-Ken 783, Japan
- S. Nakano, 3-19, 1 chome, Takenokuchi, Sumoto, Hyogo-ken 656, Japan (N)
- T. Urata, 6-1, Muramatsuhara 1 Chome, Shimizu, Shizuoka-Ken 424, Japan
- G. V. Williams, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. (W)

The name of the orbit computer is shown on the line giving T for a comet and Epoch for a displayed minor-planet orbit; for many of the minor planets (O-C) residuals are shown in full (in R.A. and Decl.); observations are identified by date and observatory code, X referring to an approximate and Y to a semiaccurate position. For displayed minor planets "Id." shows those involved in establishing the identifications (generally with the principal contributors first), "k" indicating key identifications and "d" (only) double (or multiple) designations; no identifier is shown if only the orbit computer is involved and the results were not previously published. J-P indicates that only the perturbations by the outer planets were considered, and a and n are then related by a gravitational constant augmented by the masses of the inner planets. For the one-opposition orbits, equinox 2000.0

is used, and the columns headed Arc and O show the time span in days covered by the observations and the number of observations utilized in the computation (0 = 10 or more). In the note column N, D means that there are double (or multiple) designations, E means that the value of the eccentricity was assumed, F means both; the double designations are listed at the end; the codes for the orbit computers (column C) are as listed above.

Comet Helin-Roman-Alu (1989 XXI)

Epoch 1989 Dec. 20.0 TT = JDT 2447880.5

T 1989 Dec. 15.94218 TT

			P	Muraoka Q
q	1.0473223	(2000.0)		
z	0.0089208	Peri.	68.12635	+0.27302267
	+/-0.0000190	Node	8.51859	+0.36946958
e	0.9906570	Incl.	46.03688	+0.88822905

From 72 observations 1989 Oct. 1-1990 Jan. 25, mean residual 1".07.

Comet Skorichenko-George (1990 VI)

Epoch 1990 Apr. 19.0 TT = JDT 2448000.5

T 1990 Apr. 11.92922 TT

			P	Muraoka Q
q	1.5691720	(2000.0)		
z	-0.0001964	Peri.	137.83288	+0.20802913
	+/-0.0000070	Node	280.00931	+0.49446542
e	1.0003082	Incl.	59.36596	+0.84393591

From 93 observations 1989 Dec. 20-1991 Mar. 18, mean residual 1".11.

Comet McNaught-Russell (1990 XIX)

Epoch 1990 Nov. 5.0 TT = JDT 2448200.5

T 1990 Oct. 18.19898 TT

			P	Marsden Q
q	4.7770871	(2000.0)		
z	-0.0003703	Peri.	320.88650	-0.81542353
	+/-0.0000206	Node	161.70960	+0.23513472
e	1.0017689	Incl.	113.43041	-0.52895759

From 35 observations 1991 Jan. 26-1992 Apr. 30, mean residual 0".82.

Periodic Comet Spacewatch (1990 XXIX)

Epoch 1990 Dec. 15.0 TT = JDT 2448240.5

T 1990 Dec. 22.03971 TT

			P	Muraoka Q
q	1.5430911	(2000.0)		
n	0.17703506	Peri.	87.15244	-0.48452109
a	3.1412068	Node	153.42378	+0.87134544
e	0.5087585	Incl.	9.96731	-0.85553137
P	5.57			-0.18249767

From 30 observations 1991 Sept. 8-Nov. 9, mean residual 0".75.

Periodic Comet Levy (1991q)

Epoch 1991 July 3.0 TT = JDT 2448440.5

T 1991 July 8.19300 TT

			P	Nakano Q
q	0.9825225	(2000.0)		
n	0.01922642	Peri.	41.46820	+0.96324822
a	13.7997256	Node	329.43051	-0.21025027
e	0.9288013	Incl.	19.19041	+0.05781751
P	51.26			+0.77006407

From 91 observations 1991 June 14-1992 May 3, mean residual 0".99.

Periodic Comet Mueller 4 (1992g)

T 1992 Feb. 16.47735	TT			Marsden
q	2.6375421	(2000.0)	P	Q
n	0.10988276	Peri. 43.64653	-0.93572415	+0.21169697
a	4.3170096	Node 145.40800	-0.21189754	-0.97682596
e	0.3890349	Incl. 29.79961	+0.28199247	-0.03155069
P	8.97			

From 14 observations 1992 Apr. 9-May 26.

Comet Tanaka-Machholz (1992d)

Epoch 1992 Apr. 8.0	TT = JDT 2448720.5			Marsden
T 1992 Apr. 22.68827	TT			
q	1.2614282	(2000.0)	P	Q
z	+0.0035628	Peri. 65.47257	+0.35634172	-0.39540577
+/-0.0001682		Node 300.50763	-0.60501824	+0.59279941
e	0.9955058	Incl. 79.29467	+0.71202072	+0.70160041

From 106 observations 1992 Apr. 1-May 30, mean residual 0".84.

Comet McNaught-Russell (1991v)

Epoch 1992 May 18.0	TT = JDT 2448760.5			Marsden
T 1992 May 3.45206	TT			
q	3.1939103	(2000.0)	P	Q
z	+0.0016949	Peri. 257.23276	+0.10461310	-0.49614339
+/-0.0000150		Node 120.46389	+0.20915408	+0.85826356
e	0.9945866	Incl. 90.50629	-0.97227088	+0.13124555

From 15 observations 1991 Aug. 3-1992 Apr. 4, mean residual 0".78.

Comet Bradfield (1992i)

T 1992 May 25.79345	TT			Marsden
q	0.5923415	(2000.0)	P	Q
		Peri. 299.72720	-0.74222038	-0.65842052
		Node 160.02058	-0.41531271	+0.59814762
e	1.0	Incl. 158.56521	-0.52595082	+0.45683896

From 9 observations 1992 May 4-30.

Periodic Comet Shoemaker-Levy 8 (1992f)

T 1992 June 13.56778	TT			Marsden
q	2.7106037	(2000.0)	P	Q
n	0.13193530	Peri. 22.41649	-0.56303732	+0.82438937
a	3.8214547	Node 213.39855	-0.77333714	-0.55033873
e	0.2906880	Incl. 6.05472	-0.29144236	-0.13232325
P	7.47			

From 29 observations 1992 Mar. 30-May 25.

Comet Shoemaker-Levy (1991a1)

Epoch 1992 Aug. 6.0	TT = JDT 2448840.5			Nakano
T 1992 July 24.50924	TT			
q	0.8363131	(2000.0)	P	Q
z	+0.0001442	Peri. 145.23716	-0.36671500	-0.62108666
+/-0.0000129		Node 49.05038	-0.91397961	+0.10152966
e	0.9998794	Incl. 113.49761	+0.17367031	-0.77713775

From 88 observations 1991 Oct. 6-1992 May 11, mean residual 0".89.

Comet Spacewatch (1992h)

T 1993 Sept. 6.32072 TT

q 3.0507973

(2000.0)

P

Marsden

Q

Peri. 82.57256

-0.34081119

+0.88184855

Node 203.29134

+0.10133053

+0.37905818

e 1.0

Incl. 124.49888

+0.93465494

+0.28046039

From 23 observations 1992 May 1-June 2.

One-opposition minor planets

Planet	H	Epoch	M	Peri.	Node	Incl.	e	a	Arc	O	N	C
1987 YF2	12.0	880120	98.51	220.15	135.77	12.88	0.1691	2.6112	22	9		N
1990 VY13	11.8	901125	10.04	351.27	60.52	3.18	0.1872	3.1513	9	6		N
1991 GK1	13.0	910414	91.36	56.62	45.09	3.79	0.0821	2.4310	6	7		W
1991 GM9	15.0	910414	359.76	76.52	125.42	1.84	0.2269	3.0904	9	9	D	W
1991 GN9	16.5	910414	45.91	52.39	92.09	1.64	0.1238	2.2200	9	9	D	W
1991 PG1	14.5	910812	359.49	194.47	127.81	12.44	0.2760	2.4279	34	0		W
1991 RH1	15.4	910921	352.21	5.18	359.73	4.83	0.2027	2.2425	10	0		N
1991 RL4	13.5	910901	359.41	19.58	353.50	7.45	0.1670	3.1804	4	5		W
1991 RP8	14.3	910921	35.87	197.12	117.60	3.40	0.2213	2.4039	3	8		E
1991 RP10	15.0	910921	26.67	42.28	274.94	1.77	0.3328	2.6188	6	6		E
1991 RT10	13.2	910921	31.95	338.67	351.68	5.89	0.1614	3.2053	6	6		E
1991 RY10	15.7	910921	9.65	316.45	35.78	3.69	0.2500	2.4198	6	6	E	E
1991 RZ10	13.9	910921	312.64	354.85	75.35	2.68	0.1000	2.7709	6	8	E	E
1991 RA11	12.2	910921	266.60	96.76	20.27	16.09	0.0661	3.1483	6	8		E
1991 RB11	13.1	910921	10.27	202.89	156.97	1.47	0.1852	3.1819	6	8		E
1991 RC25	12.6	910921	329.78	312.77	100.73	7.51	0.1210	3.0190	5	0		E
1991 RE25	14.2	910921	350.81	251.20	136.47	7.07	0.2235	2.5219	4	5		E
1991 RP25	12.9	910921	314.08	33.21	39.69	11.99	0.1500	3.0932	4	8	E	E
1991 RQ25	13.9	910921	306.15	35.72	56.67	6.88	0.2461	2.5506	4	8		E
1991 RR25	12.5	910921	276.90	34.21	95.76	6.49	0.3037	2.4501	4	8		E
1991 RS25	13.6	910921	303.70	333.51	130.93	6.80	0.3204	2.4348	4	8		E
1991 RT25	13.4	910921	283.55	307.30	165.95	13.62	0.1976	2.5770	4	8		E
1991 RU25	14.8	910921	29.35	257.13	64.71	5.86	0.2513	2.4306	4	8		E
1991 RX25	14.4	910921	16.11	254.19	90.60	5.10	0.2000	2.1674	4	8	E	E
1991 RK26	15.2	910921	37.28	296.68	20.99	7.24	0.1970	2.2720	4	8		E
1991 RV26	15.2	910921	355.39	25.22	352.65	5.23	0.2510	2.2839	21	6		N
1991 RL27	13.2	910921	12.93	143.96	214.42	20.54	0.0794	2.6001	6	5		E
1991 RN27	12.5	910921	237.09	168.01	338.93	14.25	0.0608	2.5521	6	5		E
1991 SN1	14.0	910921	4.62	159.96	203.45	5.78	0.1676	2.2194	47	0		W
1991 SM2	14.2	910921	337.66	21.94	16.02	6.91	0.0537	2.3163	5	6		E
1991 SP2	14.3	910921	47.91	150.17	168.36	14.15	0.0795	2.4561	3	6		E
1991 SQ2	13.2	910921	329.34	257.52	157.81	11.64	0.1325	3.0198	3	6		E
1991 TZ	13.5	910921	60.27	188.22	110.54	4.82	0.1860	2.3618	20	7		W
1991 TH1	14.8	911011	358.60	2.39	18.42	22.96	0.2229	2.2975	54	0		E
1991 TY1	14.4	911011	358.48	219.22	164.05	13.30	0.2945	2.6685	53	0		E
1991 VU	13.0	911031	17.22	141.80	244.16	7.06	0.1490	2.6157	23	9		W
1991 VP2	14.0	911031	355.94	343.08	69.01	0.36	0.1279	2.2808	4	9	E	W
1991 VE3	14.0	911120	3.76	296.63	118.69	4.53	0.2859	2.5473	30	0		W
1991 VA4	14.5	911120	341.43	340.95	105.37	3.10	0.2023	2.3197	24	0		W
1991 VD5	14.1	911011	14.52	239.55	118.13	3.59	0.1836	2.1585	60	9		E
1991 VN7	16.0	911031	17.58	310.72	64.26	5.23	0.1747	3.1039	5	9		W
1991 VO7	16.0	911031	300.52	339.40	131.74	2.03	0.1061	2.6294	5	9		W
1991 VM8	16.0	911031	72.74	151.87	151.26	1.90	0.2222	2.9563	2	8	E	W
1991 VN8	16.0	911031	49.73	184.18	147.44	1.47	0.1905	2.2345	2	9	E	W
1991 VO8	16.5	911031	47.51	287.83	50.59	11.98	0.1573	2.8612	2	9		W
1991 VP8	18.5	911031	31.99	283.46	68.83	3.12	0.2100	2.1986	2	9	E	W
1991 VU8	16.5	911031	268.27	332.60	179.03	2.70	0.1594	2.4754	4	0		W
1991 VV8	15.0	911031	178.12	62.46	161.57	2.55	0.0851	2.7697	4	0		W
1991 VW8	14.0	911031	3.48	252.13	145.96	2.07	0.1031	3.0671	4	0		W

1991	VX8	15.5	911031	267.70	104.81	53.49	12.58	0.2119	3.1519	2 9	E	W
1991	VY8	18.0	911031	329.79	22.49	68.34	3.13	0.2545	2.2450	2 9	E	W
1991	VZ8	14.5	911031	27.86	306.27	58.97	7.48	0.1402	2.7212	4 0		W
1991	VA9	15.0	911031	219.23	129.66	58.84	8.36	0.0818	2.3552	4 0		W
1991	VB9	13.5	911031	347.23	325.52	91.47	3.16	0.0472	3.2164	4 0		W
1991	VC9	16.0	911031	197.68	130.38	80.17	3.90	0.1838	2.4090	4 0		W
1991	VD9	16.5	911031	27.83	309.48	54.05	11.00	0.1700	2.8369	3 0		W
1991	VF9	16.5	911031	347.07	311.75	108.10	2.53	0.1236	3.2301	4 0	E	W
1991	VG9	15.5	911031	90.53	210.16	91.41	3.38	0.0989	2.9072	4 0		W
1991	VH9	15.5	911031	122.49	66.99	195.73	4.58	0.2170	2.2495	4 0		W
1991	VJ9	15.0	911031	288.98	77.20	56.85	11.01	0.1742	2.9168	4 9		W
1991	VK9	18.5	911031	344.25	19.89	46.58	25.30	0.2332	2.1603	2 9		W
1991	VL9	16.5	911031	30.03	268.14	88.85	2.76	0.2084	2.4056	4 0		W
1991	VM9	16.0	911031	97.55	203.18	94.06	3.20	0.0787	2.7603	4 0	E	W
1991	VN9	15.5	911031	185.33	17.55	202.14	6.70	0.1394	2.4156	5 0		W
1991	VO9	16.5	911031	349.09	256.01	159.58	2.74	0.0567	2.7171	5 0		W
1991	VQ9	17.0	911031	72.52	186.31	132.39	2.07	0.1044	2.2903	4 0		W
1991	VR9	16.0	911031	37.21	293.96	54.28	12.65	0.2039	2.6930	3 0		W
1991	VS9	15.0	911031	39.31	307.31	49.06	30.89	0.0956	3.0984	3 9		W
1991	VT9	15.0	911031	285.89	26.79	101.74	2.70	0.0999	2.3112	4 0		W
1991	VU9	17.5	911031	18.10	273.89	97.47	2.16	0.2504	2.2881	4 0		W
1991	VV9	16.0	911031	95.08	169.29	109.94	2.74	0.2831	2.4598	4 0		W
1991	VY9	16.5	911031	358.15	341.21	64.27	6.55	0.1188	2.4348	4 0	E	W
1991	VD10	16.5	911031	47.85	163.38	184.47	3.15	0.0886	2.4180	3 9	E	W
1991	VL10	13.0	911031	132.87	84.70	173.60	2.59	0.1564	2.8310	3 9		W
1991	VO10	17.0	911031	15.53	272.57	105.16	2.05	0.2152	2.9480	3 9		W
1991	VP10	16.0	911031	245.78	87.39	82.48	3.08	0.1344	2.3768	3 0		W
1991	VS10	15.0	911031	254.02	68.45	93.86	3.08	0.1219	3.0357	3 0		W
1991	VX10	18.5	911031	355.08	343.27	66.05	4.55	0.2042	2.2682	3 0		W
1991	VY10	16.0	911031	115.56	58.88	211.16	10.95	0.2038	2.6245	4 0	E	W
1991	VA11	17.0	911031	339.25	252.93	178.20	3.13	0.1411	2.7459	3 0		W
1991	XK	12.5	911120	252.03	320.66	242.15	8.29	0.3299	2.3791	3 7		W
1991	XR1	13.0	911210	355.96	45.56	31.14	1.94	0.0927	2.9236	21 7		W
1992	AM	14.0	911230	36.76	299.92	100.24	23.77	0.2796	2.3459	34 9		W
1992	AQ	15.0	911230	348.42	17.96	105.88	25.36	0.2221	2.3125	32 0		W
1992	AJ1	13.0	920119	277.78	305.70	273.15	5.08	0.1044	2.5230	33 0		M
1992	AM1	12.9	920119	95.08	279.80	111.30	6.35	0.0960	2.7511	22 9		N
1992	AR2	17.0	911230	44.49	296.92	112.52	2.07	0.1921	2.3415	11 9		W
1992	AS2	16.5	911230	307.18	64.70	114.41	2.33	0.1297	2.3952	29 9		W
1992	AT2	14.5	911230	226.24	332.70	294.03	4.34	0.2684	2.5422	30 0		W
1992	AU2	16.5	911230	284.50	99.43	114.52	2.12	0.2219	2.3609	4 9	E	W
1992	AV2	15.5	911230	115.12	49.98	304.78	1.35	0.0368	2.4360	4 9	E	W
1992	BH	11.5	920208	331.15	21.66	140.62	18.24	0.1564	3.1195	29 0		M
1992	BC1	14.5	920119	39.18	273.44	135.86	22.69	0.3287	2.3659	15 0		W
1992	BY1	13.5	920119	35.00	181.23	244.75	6.81	0.1870	3.2222	12 0		M
1992	BZ1	15.5	920119	19.60	217.54	229.29	4.99	0.2025	2.7449	7 9		M
1992	BC2	14.0	920119	37.05	157.41	271.37	9.01	0.1423	3.0049	12 0		M
1992	BD2	13.0	920119	72.05	230.66	145.99	11.13	0.2422	3.1846	12 0		M
1992	BE2	15.5	920119	35.91	243.05	193.28	5.27	0.0776	2.2416	7 9		M
1992	BF2	13.5	920119	11.09	319.82	143.78	12.64	0.0860	3.1349	12 0		M
1992	BH2	13.5	920119	142.13	51.83	274.17	10.96	0.1632	2.6810	7 9		M
1992	BJ2	14.5	920119	336.80	270.83	233.27	4.74	0.0585	2.2809	7 9		M
1992	BK2	13.0	920119	121.57	186.76	156.63	10.89	0.1384	2.9729	7 9		M
1992	BM2	15.0	920119	47.67	207.52	213.95	3.91	0.1004	2.2497	12 0		M
1992	BP2	14.5	920119	27.67	227.82	218.10	5.54	0.0934	2.4678	13 9		M
1992	BR2	14.5	920119	13.20	201.62	256.25	6.32	0.2576	2.7281	13 9		M
1992	BS2	15.0	920119	344.85	251.70	251.76	6.55	0.1815	2.8011	7 0		W
1992	BT2	14.0	920119	21.01	306.48	146.68	13.98	0.1367	2.6532	15 0		W
1992	BC3	16.0	920119	332.32	211.10	312.53	10.44	0.1818	2.4388	14 9		W

1992	BH3	15.5	920119	292.40	35.61	158.71	9.34	0.0419	2.5624	3 9	W
1992	BN3	14.3	920208	76.58	273.08	120.40	8.79	0.2515	2.8819	13 8	N
1992	BH4	16.5	920119	97.59	358.60	12.53	2.35	0.1013	2.1839	11 7	W
1992	BK4	16.5	920119	38.25	54.53	23.29	2.78	0.0730	2.5342	11 9	W
1992	BL4	16.0	920119	138.92	340.11	355.65	3.91	0.1080	2.7694	11 9	W
1992	BM4	16.0	920119	1.47	90.18	30.05	2.83	0.0670	2.6399	11 9	W
1992	BU4	16.5	920119	71.74	211.27	171.44	6.61	0.2359	2.3097	4 8	W
1992	CF1	14.0	920208	254.71	271.86	356.60	6.23	0.1508	2.4704	27 0	W
1992	CK1	14.0	920208	332.59	35.97	149.39	13.03	0.1837	2.7982	28 8	W
1992	CA2	14.0	920208	44.38	317.43	139.99	4.34	0.0626	2.2724	16 5	W
1992	CE2	14.0	920208	354.37	28.16	124.39	7.34	0.1156	2.4290	23 9	D W
1992	CL2	15.0	920119	232.85	340.32	273.43	12.01	0.0784	2.5717	7 0	M
1992	CM2	14.5	920119	16.73	163.45	289.71	17.65	0.2150	3.0849	13 0	M
1992	CN2	14.5	920119	342.83	224.59	277.75	10.62	0.1360	2.5861	13 0	M
1992	CP2	14.5	920119	199.70	83.11	197.81	5.87	0.0130	2.7852	13 0	M
1992	CR2	16.0	920119	241.55	47.22	201.93	4.06	0.1117	2.2010	13 0	M
1992	CU2	13.5	920119	99.95	93.66	277.69	8.13	0.0822	3.1729	13 0	M
1992	CY2	13.0	920119	147.39	64.97	265.01	8.31	0.0692	3.0408	13 0	M
1992	CZ2	15.0	920119	212.04	40.61	236.17	4.82	0.1394	2.2401	7 9	M
1992	CA3	15.0	920119	5.01	198.53	276.96	6.67	0.0519	2.3492	13 0	M
1992	CB3	15.0	920119	34.43	190.50	250.15	4.71	0.0876	2.4806	7 9	M
1992	CD3	14.0	920119	132.59	185.64	152.92	10.77	0.1376	2.5625	7 0	W
1992	CE3	16.0	920119	21.29	274.86	178.07	4.82	0.1440	2.3257	13 0	M
1992	CF3	15.0	920119	252.07	65.93	180.41	5.58	0.1605	2.2553	13 0	M
1992	CG3	14.5	920119	42.83	253.85	176.27	6.26	0.1034	2.4169	17 0	W
1992	CJ3	16.0	920119	38.47	255.57	173.68	4.20	0.1678	2.2547	10 9	M
1992	CK3	15.5	920119	44.12	197.64	229.56	2.64	0.1264	2.2649	10 9	M
1992	CM3	14.0	920119	282.30	104.96	134.47	29.51	0.3303	2.6486	10 9	M
1992	CN3	14.0	920119	306.84	332.33	213.89	3.28	0.0911	2.2212	19 0	M
1992	CO3	14.4	920208	3.63	310.57	170.86	7.22	0.1068	2.3591	10 8	N
1992	DG	13.0	920208	261.22	112.99	144.09	16.10	0.0591	2.5002	2 7	W
1992	DV1	15.3	920228	25.38	71.74	52.29	6.34	0.1609	2.3015	3 6	D N
1992	DM2	15.5	920228	299.04	208.64	31.42	7.31	0.1842	2.3357	6 6	W
1992	DP2	13.0	920228	241.37	186.49	104.71	8.62	0.1395	2.7244	6 6	W
1992	DT2	15.5	920228	317.58	60.99	141.61	3.03	0.0173	2.9364	17 9	W
1992	DW2	16.0	920228	144.24	234.49	129.80	3.17	0.2306	2.3650	17 8	W
1992	DE3	16.0	920228	177.54	1.53	338.68	5.37	0.0920	2.3540	10 9	W
1992	DF3	17.0	920228	73.97	267.86	155.25	5.87	0.1863	2.3231	15 9	W
1992	DH3	15.5	920228	313.74	240.22	339.06	6.80	0.1497	2.8257	15 9	W
1992	DN3	16.0	920228	17.21	0.16	138.61	2.76	0.1143	2.4830	10 8	W
1992	EE1	13.0	920408	1.50	160.18	28.52	26.80	0.1836	2.3627	56 0	N
1992	EM1	13.2	920408	52.20	26.09	100.73	11.42	0.1555	2.3655	49 0	N
1992	EU1	13.1	920408	27.37	56.67	110.11	7.09	0.1323	2.2440	54 0	N
1992	EL2	15.5	920228	126.80	29.18	347.47	12.78	0.0994	2.7951	5 9	W
1992	ET2	15.9	920228	336.94	186.87	10.27	2.82	0.3241	2.9045	32 8	N
1992	FG	13.5	920319	297.55	243.24	15.37	6.25	0.1214	2.2497	5 9	W
1992	FD1	14.5	920319	341.83	182.19	25.81	4.28	0.1212	2.2849	7 9	W
1992	FM1	14.0	920408	18.66	200.98	345.32	24.72	0.1154	2.2634	40 0	W
1992	FT1	14.0	920408	2.79	194.79	353.46	4.93	0.1679	2.3793	27 0	W
1992	GG	12.7	920408	357.22	105.50	102.63	7.55	0.1061	2.5682	29 6	N
1992	GB1	14.0	920408	5.36	136.18	39.11	24.25	0.2115	2.4297	24 7	W
1992	GC1	14.5	920408	20.72	122.89	32.45	24.69	0.2397	2.2678	24 6	W
1992	GE1	15.0	920319	19.00	141.27	18.13	1.93	0.1708	2.2348	10 8	W
1992	GS1	15.0	920408	13.19	358.45	185.59	2.63	0.0981	3.1254	24 9	W
1992	HG	12.0	920428	287.66	86.86	216.35	7.73	0.1236	3.1102	14 0	W
1992	HL	12.7	920518	347.69	61.25	187.53	16.86	0.2010	2.6108	24 8	N
1992	HN	15.5	920428	29.81	113.36	66.93	5.04	0.1235	2.2045	5 8	W
1992	HC2	14.5	920428	231.86	225.57	130.24	3.11	0.0874	2.9107	9 9	W
1992	HF2	17.0	920428	263.13	263.32	61.26	8.77	0.0830	2.4794	6 9	W

1992 HH3	15.5	920428	95.27	307.13	169.38	3.69	0.0540	2.7748	5 8	W
1992 HS3	10.0	920408	115.27	171.48	278.66	1.97	0.1638	5.1909	5 4	E W
1992 HT3		920428	319.26	195.13	48.56	36.13	0.1434	2.7555	4 5	O
1992 HZ3	11.5	920408	251.39	302.20	15.50	3.31	0.0331	2.7960	22 9	M
1992 JA	13.0	920428	15.23	326.64	234.90	23.95	0.2005	2.3363	31 5	W
1992 JH	14.2	920518	325.64	129.07	155.45	3.32	0.2213	2.3737	20 8	N
1992 JP	11.2	920518	31.36	66.97	128.45	16.99	0.0647	3.1835	26 9	N
1992 JQ	13.4	920518	355.64	54.31	184.88	12.39	0.1809	2.6253	20 7	N
1992 JR	14.2	920518	15.02	94.64	116.26	8.11	0.2549	2.3180	21 9	N
1992 JV	16.0	920428	285.06	128.45	189.59	4.89	0.2221	2.3334	2 9	W
1992 JZ	16.5	920428	62.62	52.45	81.85	3.63	0.1876	2.5805	3 9	E W
1992 JC1	15.5	920428	166.52	347.52	60.84	8.67	0.1563	2.4680	6 8	W
1992 JN1	12.6	920518	311.05	217.41	90.90	13.49	0.1733	2.5864	22 0	N
1992 KA	12.7	920607	113.66	243.00	210.65	6.48	0.2885	2.4868	10 8	N
1992 KC	14.7	920518	353.56	65.65	180.48	3.69	0.1310	2.2286	8 8	N
1992 KF	13.4	920607	6.03	172.25	66.48	14.82	0.1281	2.5587	7 9	N
1991 GM9 =	1991 HQ (G. V. Williams)									
1991 GN9 =	1991 HP (G. V. Williams)									
1992 CE2 =	1992 CH2 (S. Nakano, MPC 19983)									
1992 DV1 =	1992 DR2 (S. Nakano)									

Epoch 1992 June 27.0 TT = JDT 2448800.5
 (91) Aegina Obs. 175 M 10.75424 Peri. 73.22973
 H 8.84 G 0.15 Opp. 34 n 0.23642548 Node 11.02468
 rms res. 0".81 (M-C) 1893-1991 e 0.1037139 Incl. 2.12010

Epoch 1992 June 27.0 TT = JDT 2448800.5
 (1033) Simona Obs. 29 M 330.98581 Peri. 213.51486
 H 11.0 G 0.15 Opp. 9 n 0.18940430 Node 189.59669
 rms res. 1".17 (M-C) 1937-1991 e 0.1162066 Incl. 10.65393

Epoch 1992 June 27.0 TT = JDT 2448800.5
 (1375) Alfreda Obs. 49 M 251.43899 Peri. 31.93417
 H 11.6 G 0.15 Opp. 17 n 0.25733586 Node 52.90183
 rms res. 0".99 (M-C) 1931-1985 e 0.0690077 Incl. 5.83101

Epoch 1992 June 27.0 TT = JDT 2448800.5
 (1863) Antinous Obs. 55 M 350.61108 Peri. 266.85859
 H 15.54 G 0.15 Opp. 6 n 0.29002373 Node 347.57784
 rms res. 0".79 (M-C) 1948-1986 e 0.6058139 Incl. 18.42367

Epoch 1992 June 27.0 TT = JDT 2448800.5
 (2070) Humason Obs. 28 M 96.09388 Peri. 349.45139
 H 13.9 G 0.15 Opp. 7 n 0.29212881 Node 1.50346
 rms res. 0".85 (M-C) 1954-1991 e 0.1551395 Incl. 2.76157

Epoch 1992 June 27.0 TT = JDT 2448800.5
 (2076) Levin Obs. 18 M 56.56027 Peri. 74.47792
 H 14.4 G 0.15 Opp. 5 n 0.28754468 Node 329.25460
 rms res. 0".77 (M-C) 1974-1991 e 0.1516394 Incl. 4.99704

Epoch 1992 June 27.0 TT = JDT 2448800.5
 (2455) Somville Obs. 28 M 50.97834 Peri. 115.10867
 H 11.7 G 0.15 Opp. 11 n 0.21874871 Node 301.24089
 rms res. 0".98 (M-C) 1934-1991 e 0.0849574 Incl. 7.53553

Epoch 1992 June 27.0 TT = JDT 2448800.5									
(2471) Ultrajectum	Obs.	31	M	97.14525		Bowell	Peri.	277.56471	
H 11.9 G 0.15	Opp.	9	n	0.19002481			Node	16.59776	
rms res. 0".87 (M-C)		1953-1991	e	0.0900132			Incl.	10.30780	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(2866) 1961 TA	Obs.	22	M	79.27156		Bowell	Peri.	23.89616	
H 11.9 G 0.15	Opp.	7	n	0.19864518			Node	317.63245	
rms res. 0".82 (M-C)		1961-1991	e	0.2041840			Incl.	8.24625	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3099) 1940 GF	Obs.	28	M	254.97763		Bowell	Peri.	146.64368	
H 11.4 G 0.15	Opp.	8	n	0.20198347			Node	31.47727	
rms res. 0".94 (M-C)		1940-1991	e	0.2048012			Incl.	15.47536	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3225) Hoag	Obs.	27	M	302.07171		Williams	Peri.	138.16438	
H 13.5 G 0.15	Opp.	5	n	0.38245862			Node	188.99213	
rms res. 1".04 (M-C)		1977-1992	e	0.0530455			Incl.	25.05913	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3239) 1978 UJ2	Obs.	12	M	131.17853		Bowell	Peri.	238.89408	
H 14.3 G 0.15	Opp.	5	n	0.30533625			Node	93.91797	
rms res. 0".77 (M-C)		1977-1991	e	0.2215734			Incl.	3.02089	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3268) De Sanctis	Obs.	43	M	273.74220		Bowell	Peri.	74.00162	
H 13.02 G 0.15	Opp.	7	n	0.27409567			Node	221.92017	
rms res. 0".74 (M-C)		1979-1990	e	0.1261237			Incl.	6.35468	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3357) 1984 FT	Obs.	22	M	183.02794		Bowell	Peri.	67.00896	
H 11.4 G 0.15	Opp.	6	n	0.18771343			Node	145.71649	
rms res. 0".84 (M-C)		1952-1991	e	0.0578935			Incl.	11.24347	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3368) Duncombe	Obs.	21	M	28.49624		Bowell	Peri.	359.72406	
H 11.3 G 0.15	Opp.	4	n	0.15820090			Node	4.52589	
rms res. 0".63 (M-C)		1954-1991	e	0.0956570			Incl.	19.11790	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3381) Mikkola	Obs.	29	M	51.99564		Bowell	Peri.	133.16341	
H 13.2 G 0.15	Opp.	7	n	0.25639578			Node	258.56352	
rms res. 0".87 (M-C)		1941-1991	e	0.2036190			Incl.	4.19064	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3408) Shalamov	Obs.	27	M	15.29125		Williams	Peri.	203.06986	
H 13.2 G 0.15	Opp.	6	n	0.26992195			Node	132.91765	
rms res. 0".87 (M-C)		1915-1989	e	0.2292135			Incl.	2.85942	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3415) Danby	Obs.	22	M	15.65062		Bowell	Peri.	137.93357	
H 10.5 G 0.15	Opp.	6	n	0.12478802			Node	254.66733	
rms res. 1".31 (M-C)		1928-1991	e	0.2476398			Incl.	1.35498	
Epoch 1992 June 27.0 TT = JDT 2448800.5									
(3551) 1983 RD	Obs.	94	M	321.62492		Bowell	Peri.	193.00625	
H 16.75 G 0.15	Opp.	4	n	0.32586917			Node	174.04595	
rms res. 0".92 (M-C)		1983-1992	e	0.4879113			Incl.	9.51649	

Epoch 1992 June 27.0 TT = JDT 2448800.5	Williams
(3732) 1984 SR1	Obs. 24 M 234.97991
H 14.6 G 0.15	Peri. 8.20544
rms res. 1".11 (M-C)	Opp. 6 n 0.31077808
	Node 278.78687
	Incl. 1.55740
	e 0.0713670

Epoch 1992 June 27.0 TT = JDT 2448800.5	Bowell
(4076) Dorffel	Obs. 33 M 328.36454
H 11.9 G 0.15	Peri. 60.64331
rms res. 0".85 (M-C)	Opp. 9 n 0.20466196
	Node 347.37124
	Incl. 1.36381
	e 0.0704827

Epoch 1992 June 27.0 TT = JDT 2448800.5	Williams
(4341) Poseidon	Obs. 37 M 46.69334
H 15.6 G 0.15	Peri. 15.49661
rms res. 0".81 (M-C)	Opp. 3 n 0.39639719
	Node 108.24710
	Incl. 11.86471
	e 0.6789132

Epoch 1992 June 27.0 TT = JDT 2448800.5	Bowell
(4518) 1976 GP3	Obs. 26 M 163.16969
H 13.7 G 0.15	Peri. 97.69938
rms res. 0".78 (M-C)	Opp. 5 n 0.27951198
	Node 168.15463
	Incl. 6.99684
	e 0.0992396

Epoch 1992 June 27.0 TT = JDT 2448800.5	Bowell
(4535) 1986 QV2	Obs. 46 M 168.37183
H 12.5 G 0.15	Peri. 99.04069
rms res. 0".82 (M-C)	Opp. 5 n 0.21177805
	Node 138.12589
	Incl. 7.74912
	e 0.1602423

Epoch 1992 June 27.0 TT = JDT 2448800.5	Bowell
(4541) 1989 AF	Obs. 17 M 0.47189
H 12.5 G 0.15	Peri. 22.47615
rms res. 0".99 (M-C)	Opp. 6 n 0.26867350
	Node 66.26466
	Incl. 4.78209
	e 0.0200473

Epoch 1992 June 27.0 TT = JDT 2448800.5	Bowell
(4569) Baerbel	Obs. 28 M 229.33128
H 11.6 G 0.15	Peri. 29.82394
rms res. 0".64 (M-C)	Opp. 5 n 0.23724190
	Node 205.83192
	Incl. 14.50524
	e 0.0633934

Epoch 1992 June 27.0 TT = JDT 2448800.5	Bowell
(4576) 1988 CC	Obs. 20 M 43.79180
H 11.3 G 0.15	Peri. 216.89879
rms res. 0".87 (M-C)	Opp. 5 n 0.19016276
	Node 168.48250
	Incl. 10.43248
	e 0.1190537

Epoch 1992 June 27.0 TT = JDT 2448800.5	Bowell
(4579) Puccini	Obs. 20 M 223.91449
H 13.7 G 0.15	Peri. 140.34139
rms res. 0".94 (M-C)	Opp. 6 n 0.26520236
	Node 111.51472
	Incl. 2.21373
	e 0.1535669

Epoch 1992 June 27.0 TT = JDT 2448800.5	Williams
(4599) 1985 RZ2	Obs. 42 M 77.31762
H 12.6 G 0.15	Peri. 255.57837
rms res. 0".72 (M-C)	Opp. 6 n 0.18317894
	Node 110.46824
	Incl. 3.45252
	e 0.1686346

Epoch 1992 June 27.0 TT = JDT 2448800.5	Williams
(5189) 1990 UQ	Obs. 20 M 358.38150
H 17.5 G 0.15	Peri. 159.45194
rms res. 0".71 (M-C)	Opp. 2 n 0.51024329
	Node 135.44860
	Incl. 3.57688
	e 0.4778748

(5216)* 1941 HA = 1959 RD = 1979 HX5 = 1991 CP

Discovered 1941 Apr. 16 by L. Oterma at Turku.

Id. G. V. Williams (MPC 17814)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	298.11129		(2000.0)			P		Q	
n	0.23403959	Peri.	191.41355			+0.86373458		+0.47771545	
a	2.6078133	Node	138.77427			-0.44107708		+0.87064510	
e	0.1614389	Incl.	14.09290			-0.24374903		+0.11732461	
P	4.21	H	11.5		G	0.15			

Residuals in seconds of arc

410416	062	0.3-	0.5-	590905	760	0.7+	0.2+	920302	801	0.6+	0.1-
410416	062	2.2+	0.5+	790428	095	(3.5+	2.7+)	920429	801	0.1-	0.2-
410419	062	1.8-	2.0+	910207	896	1.0-	0.4-	920429	801	0.2-	0.4-
410419	062	(0.1-	2.6-)	910207	896	0.4-	0.0	920507	801	0.2-	0.4-
410421	062	(1.9+	3.2+)	910208	894	(5.6+	5.7-)Y	920507	801	0.3-	0.5-
410424	062	0.3+	0.2-	910208	894	1.2+	1.4-				
590905	760	0.5-	0.9-	920302	801	0.1+	0.1-				

(5217)* 1966 CL = 1977 DX

Discovered 1966 Feb. 13 at the Purple Mountain Observatory.

Id. T. Kobayashi (MPC 11624)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Kobayashi

M	4.47082		(2000.0)			P		Q	
n	0.26811408	Peri.	99.96052			-0.71463236		+0.69823928	
a	2.3818970	Node	124.34017			-0.66005194		-0.65324498	
e	0.1668029	Incl.	2.91440			-0.23158591		-0.29280180	
P	3.68	H	14.0		G	0.15			

Residuals in seconds of arc

660213	330	2.0+	0.6+	770219	381	0.8-	1.0+	920328	400	0.9+	1.2+
660214	330	0.2-	0.3+	770219	381	0.4-	0.5+	920330	894	1.0+	0.2+
660225	330	(3.3-	2.8+)	880207	399	0.1-	0.1-	920330	894	0.3-	1.6-
770213	675	1.5-	0.2-	880207	399	2.3+	0.6+	920429	801	0.6-	0.2-
770214	675	0.9-	0.3+	880312	054	0.1+	0.5-	920429	801	0.6-	0.1-
770218	381	0.9+	1.2-	880312	054	0.8-	1.0-	920504	801	0.1-	0.0
770218	381	0.7-	0.7-	920328	400	0.7+	0.1-	920504	801	0.1-	0.4+

(5218)* 1969 TB3 = 1987 SS

Discovered 1969 Oct. 9 by B. A. Burnasheva at the Crimean Astrophysical Observatory.

Id. S. Nakano (MPC 15401)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Nakano

M	125.22255		(2000.0)			P		Q	
n	0.27344501	Peri.	88.21338			+0.96269642		+0.26583794	
a	2.3508381	Node	256.36744			-0.26428952		+0.88382385	
e	0.1537503	Incl.	2.97606			-0.05802290		+0.38494881	
P	3.60	H	13.8		G	0.15			

Residuals in seconds of arc

691009	095	2.7-	0.3-	870919	688	1.3-	0.3+	911103	801	0.4+	0.2-
691011	095	3.2+	0.4-	870919	688	1.9+	0.7+	911106	801	0.4+	0.3-
691014	095	(1.0+	4.5-)	870926	688	0.2+	0.2+	911106	801	0.4+	0.1-
801101	675	0.1-	0.2-	870926	688	0.9+	1.0+	911213	691	0.5-	0.3+
801102	675	0.1-	0.8-	911010	801	0.6+	0.1-	911213	691	0.5-	0.4+
870828	095	0.7-	0.5-	911010	801	0.4-	0.5+	911213	691	0.3-	0.3+
870916	095	1.5-	0.7-	911103	801	0.3+	0.1-				

(5219)* 1976 GU3 = 1978 TM9 = 1987 EF1

Discovered 1976 Apr. 2 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Id. E. Bowell (MPC 10613), S. Nakano (MPC 15550)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 306.42051	(2000.0)			P		Nakano		Q	
n 0.17310326	Peri. 158.66349			-0.82856070		+0.55913179			
a 3.1885940	Node 55.36590			-0.51871468		-0.74685921			
e 0.1404654	Incl. 2.04112			-0.21076584		-0.35996246			
P 5.69	H 12.4			G 0.15					

Residuals in seconds of arc

760402 095	1.6+	1.0+	760502 095	1.1-	0.2-	870321 046	1.2-	1.9-
760405 095	2.7+	0.3+	760503 808	0.4+	0.3+	870531 801	1.0+	0.7-
760423 808	0.9+	0.2-	760503 808	1.0-	1.0+	911213 691	1.3+	0.7+
760423 808	0.5+	0.1-	781004 675	1.0+	1.2+	911213 691	0.8-	0.8+
760427 808	0.6-	0.8+	781005 675	1.1-	1.0-	911213 691	0.9-	0.6+
760427 808	0.6-	0.8+	870304 688	0.8+	0.0	920124 894	1.2+	1.8-
760430 808	1.1-	1.2-	870304 688	1.2-	0.8+	920124 894	0.5-	0.8+
760430 808	0.8-	0.4-	870321 046	(1.0+	3.2-)			

(5220)* 1979 SA8 = 1976 YZ6 = 1986 VN6

Discovered 1979 Sept. 23 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Id. L. D. Schmadel (MPC 11430), E. Bowell (ibid.)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 317.44886	(2000.0)			P		Marsden		Q	
n 0.28849472	Peri. 271.75363			+0.42836602		+0.90280743			
a 2.2683539	Node 23.72411			-0.78699630		+0.39340109			
e 0.2036894	Incl. 5.41452			-0.44400381		+0.17370756			
P 3.42	H 13.5			G 0.15					

Residuals in seconds of arc

761220 095	1.9-	0.3+	910119 801	1.1+	0.9+	920423 809	0.8-	0.0
790923 095	0.2-	0.2+	910210 801	0.1+	0.8-	920423 691	0.6+	0.3+
791014 095	1.7+	0.1-	910210 801	0.4-	0.8+	920423 691	0.2-	0.1+
791111 095	0.8+	2.1-	910211 801	0.8-	0.1-	920423 691	0.2-	0.1+
861106 688	0.2+	0.2+	920412 886	0.4+	1.8-	920430 801	0.2-	0.3+
861106 688	1.8+	0.2+	920412 886	1.3+	2.2-	920430 801	0.2-	0.5+
890826 293	1.5-	0.1+	920421 894	0.6+	0.5-	920507 801	0.7-	0.2+
910118 801	0.3-	0.4-	920421 894	0.6+	0.3-	920507 801	0.7-	0.6+
910118 801	0.1-	0.3-	920423 809	0.3-	0.1-			
910119 801	0.9-	0.1+	920423 809	0.4-	0.3+			

(5221)* 1980 FB

Discovered 1980 Mar. 16 by L. Brozek at Klet.

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 355.63259	(2000.0)			P		Marsden		Q	
n 0.17147214	Peri. 212.05762			-0.47234095		+0.88130439			
a 3.2087830	Node 29.76285			-0.80260297		-0.42347658			
e 0.1016346	Incl. 1.61854			-0.36431098		-0.20969062			
P 5.75	H 12.3			G 0.15					

Residuals in seconds of arc

800221 095	0.0	0.3-	800317 809	0.1-	0.1+	860409 688	(2.1-	0.1+)
800316 809	0.8-	0.6+	800317 046	0.6-	3.0-	860510 801	0.3-	1.0+
800316 809	0.3-	0.5+	800317 046	0.5+	2.0-	920405 675	0.5+	0.6+
800316 809	0.6-	1.0+	800413 046	0.6+	1.3-	920407 675	0.5+	0.2-
800316 809	0.5-	0.9+	800413 046	0.8+	0.1-	920407 675	0.3+	0.8-
800316 046	(2.2-	0.3-)	800414 046	(2.0-	1.1+)	920408 675	0.2+	0.4-
800316 095	(1.6-	0.3-)	800414 046	2.5+	0.1+	920430 801	0.5-	0.3+
800316 046	(2.8-	1.1+)	800416 046	0.3-	0.6+	920430 801	0.5-	0.0
800317 809	0.7-	0.9+	800416 046	(2.5-	1.2-)	920507 801	0.4-	0.7+
800317 809	0.0	0.7+	820916 095	0.0	0.0	920507 801	0.5-	1.2-
800317 809	0.7-	0.8+	860409 688	1.1+	0.5+			

(5222)* 1980 TL13 = 1978 LP = 1989 TG1

Discovered 1980 Oct. 11 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Id. S. Nakano (MPC 15552)

Epoch 1992 June 27.0 TT = JDT 2448800.5

				P		Nakano		Q	
M	53.17929		(2000.0)						
n	0.21315276	Peri.	330.39438	-0.92371408		+0.09568035			
a	2.7755054	Node	220.90019	-0.12864523		-0.98955116			
e	0.1436537	Incl.	34.50963	-0.36083611		+0.10785992			
P	4.62	H	10.9	G	0.15				

Residuals in seconds of arc

780609 095 (7.3- 6.6+)	891023 095	1.3+	0.2-	901116 801	0.8+	0.7-
801011 095 0.4+ 2.5+	891028 871	1.1+	0.3-	901116 801	0.6+	0.6-
801015 095 (0.5+ 3.1-)	891028 871	(3.6+ 4.3+)		910121 808	1.0-	1.1-
801017 095 0.3+ 0.4-	891102 374	0.6-	1.2+	910121 808	0.6-	0.2-
891004 374 (4.9- 1.9+)	891104 095	(0.9- 8.4+)		920206 801	0.4-	0.3+
891004 374 (1.3- 4.1+)	891104 095	(1.9+ 9.5+)		920206 801	0.4+	0.3-
891007 374 0.6+ 0.6-	891104 095	(6.7+ 11.8-)		920430 801	0.2+	0.4+
891007 374 (0.6+ 4.4+)	891104 095	(2.9+ 0.4-)		920430 801	0.2+	0.4+
891021 871 1.2- 0.7-	901015 801	0.1+	0.9+	920501 675	0.5-	0.7-
891021 871 2.6- 2.2-	901015 801	0.0	0.8+	920501 675	0.1-	0.7-
891023 374(47.5- 19.9+)	901017 801	0.3-	0.2+	920503 675	0.8+	0.4-
891023 374(34.1- 33.2+)	901017 801	0.3-	0.2+	920503 675	0.7-	0.8-
891023 095 (0.3+ 13.5+)	901114 801	0.3-	0.6-	920507 801	0.4+	0.2-
891023 095 0.8+ 1.0-	901114 801	0.4+	0.5-	920507 801	0.4+	0.0

(5223)* 1981 EX6

Discovered 1981 Mar. 6 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Epoch 1992 June 27.0 TT = JDT 2448800.5

				P		Marsden		Q	
M	177.13654		(2000.0)						
n	0.17063344	Peri.	14.66252	+0.99530340		+0.03988908			
a	3.2192889	Node	342.32480	-0.08701372		+0.76794667			
e	0.1585317	Incl.	16.88840	+0.04242361		+0.63927050			
P	5.78	H	13.4	G	0.15				

Residuals in seconds of arc

810209 413 0.0 0.1+	810501 413	1.2+	0.0	830908 809	0.1+	0.3+
810212 413 0.3- 0.5+	810503 413	0.2+	0.4-	830908 809	0.3+	0.3+
810301 413 0.0 1.1+	830901 809	0.6-	0.1+	830908 809	0.6+	0.3+
810301 413 (3.2+ 0.4-)	830901 809	0.5-	0.1-	830911 809	0.5+	1.0-
810306 413 0.4+ 1.4+	830901 809	0.2-	0.3-	830911 809	0.7+	0.8-
810306 413 0.6- 0.1+	830902 809	0.5-	0.4+	830911 809	0.6+	0.6-
810306 413 0.1- 0.3+	830902 809	1.6-	0.3-	830916 809	0.5-	0.7+
810306 413 2.1+ 1.8-	830902 809	(1.3- 3.1+)		830916 809	0.5-	0.6+
810308 413 1.7- 0.9+	830904 809	(2.9- 0.9+)		910118 033	0.9+	1.0+
810308 413 1.0+ 0.0	830904 809	(2.6- 0.7+)		910118 033	0.3+	1.2+
810308 413 (4.0+ 0.6+)	830904 809	(2.4- 0.8+)		910119 033	0.7-	0.3+
810312 413 0.5- 0.1+	830906 809	0.5+	0.6+	920209 691	0.5-	0.3-
810312 413 0.9+ 0.3+	830906 809	0.6+	0.3+	920209 691	0.4-	0.7-
810408 413 0.5+ 0.2+	830906 809	0.7+	0.0	920209 691	0.1-	0.2-
810408 413 1.0- 0.4+	830907 809	0.1-	0.6-	920306 691	1.0-	0.8-
810409 413 0.7- 0.6+	830907 809	0.1+	0.9+	920306 691	0.7-	0.7-
810409 413 1.4+ 0.2-	830907 809	0.4-	0.2-	920306 691	0.3-	1.1-

(5224)* 1982 DX3 = 1989 GY4 = 1990 RJ

Discovered 1982 Feb. 21 by R. Ziener and K. Kirsch at Tautenburg.

Id. A. Lowe (MPC 17432), G. V. Williams (ibid.)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	96.11905		(2000.0)		P		Williams	Q
n	0.29276564	Peri.	85.02705		+0.09252798		-0.99570975	
a	2.2462391	Node	359.66064		+0.85003862		+0.07941910	
e	0.0088140	Incl.	7.93998		+0.51852957		+0.04748371	
P	3.37	H	14.3		G	0.15		

Residuals in seconds of arc

820220	033	0.2+	0.0	900914	675	0.1-	0.5-	920208	033	0.3-	0.6-
820220	033	0.3+	0.5+	900919	675	0.3-	0.7-	920209	033	0.6-	0.4-
820220	033	0.3-	0.4-	900919	675	0.3-	0.6-	920227	033	0.3+	0.1-
820221	033	0.4+	0.3+	900923	809	0.0	0.8+	920227	033	0.6+	0.1-
820221	033	0.3-	0.1+	900923	809	0.3+	0.8+	920228	033	0.6-	0.3+
890408	809	0.4+	0.8+	900923	809	0.6+	0.8+	920229	033	0.2-	0.1+
890408	809	0.4+	0.3-	900924	809	0.7-	0.6+	920306	950	0.5+	0.2-
890408	809	0.6+	0.4-	900924	809	0.1-	0.5+	920306	950	0.5+	0.2-
890411	809	0.6-	0.3+	900924	809	0.3+	0.6+	920330	033	0.4+	0.2-
890411	809	0.4-	0.4+	920103	033	0.8-	1.1+	920330	033	0.1-	0.3+
890411	809	0.1+	0.1+	920103	033	0.3-	1.1+				
900914	675	0.5-	0.8-	920208	033	0.7+	0.6-				

(5225)* 1983 TS1 = 1929 VE = 1972 TQ = 1978 YC1 = 1988 RW5

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

Id. H. Oishi (MPC 13154), E. Bowell (MPC 14191), C. M. Bardwell (ibid.), D. W. E. Green (ibid.)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	217.75239		(2000.0)		P		Bardwell	Q
n	0.18255987	Peri.	285.63046		+0.89855336		-0.43701107	
a	3.0775078	Node	100.29703		+0.41670730		+0.82078419	
e	0.1893410	Incl.	2.34682		+0.13768403		+0.36787856	
P	5.40	H	12.4		G	0.15		

Residuals in seconds of arc

291027	690	2.4-	1.9-	880906	809	0.1+	1.0+	880916	809	0.7+	0.4+
291102	094(49.2+	41.0+)X		880906	809	0.4+	0.9+	880916	809	0.7+	0.3+
291103	690	1.9+	3.3+	880907	809	0.8-	0.2+	910322	809	0.6-	1.2+
721007	095	1.2-	3.9+	880907	809	0.7-	0.2-	910322	809	0.4-	0.8+
781222	095	(2.7-	5.2+)	880907	809	0.5-	0.2-	910322	809	0.1-	0.5+
831011	688	0.5-	0.8+	880909	809	1.3-	0.3+	910323	809	1.1+	1.2+
831011	688	0.2+	2.6-	880909	809	1.1-	0.1+	910323	809	1.3+	1.2+
831012	688	0.3+	1.4-	880909	809	1.0-	0.1-	910323	809	1.3+	1.0+
831012	688	0.3+	1.1-	880912	809	0.4-	0.2-	920405	675	0.4-	0.1-
831104	688	1.4+	1.2-	880912	809	0.3-	0.1-	920407	675	0.1-	2.3-
831104	688	0.5+	0.7-	880912	809	0.3-	0.3-	920408	675	1.6+	0.5-
880903	809	0.7-	0.5+	880915	809	1.2+	0.3-	920408	675	1.3+	2.1-
880903	809	0.3-	0.4+	880915	809	1.2+	0.4-	920425	691	1.5-	0.8+
880903	809	0.1-	0.7+	880915	809	1.2+	0.4-	920425	691	1.0-	0.3+
880906	809	0.0	1.1+	880916	809	0.6+	0.1+	920425	691	1.2-	0.0

(5226)* 1983 WL

Discovered 1983 Nov. 28 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	128.74940		(2000.0)		P		Nakano	Q
n	0.27656023	Peri.	20.56009		+0.02906655		-0.98520444	
a	2.3331513	Node	68.08636		+0.88978435		-0.05148969	
e	0.0917996	Incl.	10.48944		+0.45545465		+0.16346569	
P	3.56	H	13.4		G	0.15		

Residuals in seconds of arc

831127	330	(3.1+ 3.9+)	831208	046	1.7-	1.0+	901020	809	0.1-	1.1-
831128	688	1.0+ 0.6-	831209	688	0.7-	0.4+	901020	809	0.1+	0.3-
831128	688	0.3- 0.7-	831209	688	1.2+	0.3-	901020	402	0.8-	0.7-
831201	688	0.1- 0.2-	831229	688	2.1-	0.4-	901020	402	0.4-	0.9-
831201	688	2.2+ 0.8-	831229	688	0.8+	0.9-	901021	402	1.1-	2.0-
831204	046	(5.0- 0.5+)	840102	688	0.8+	0.5-	901021	402	0.0	1.2-
831204	046	1.9- 1.7-	840104	688	0.8-	0.5-	901119	801	0.2-	0.7+
831205	688	2.4+ 1.2-	840104	688	(5.5- 3.4-)		901119	801	0.0	0.8+
831205	688	1.0- 0.2+	850513	675	(0.9+ 7.2-)		920401	801	0.0	0.3-
831205	046	0.1- 1.5+	850515	675	0.3-	1.8-	920401	801	0.1+	0.2-
831205	046	1.3+ 1.7+	901016	809	1.9+	0.1+	920430	801	0.7-	0.4-
831206	688	0.9+ 0.0	901016	809	1.3+	0.5+	920430	801	1.0-	0.2-
831206	688	0.2+ 0.7+	901016	809	0.7+	0.9+	920507	801	0.0	0.8-
831208	046	2.7- 1.9+	901020	809	0.7+	0.5-	920507	801	0.2-	0.3-

(5227)* 1986 PE = 1989 LR = 1990 WV2

Discovered 1986 Aug. 4 at Palomar in the course of the International Near-Earth Asteroid Survey.

Id. C. M. Bardwell (MPC 14786), G. V. Williams (MPC 17631)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 235.91464		(2000.0)		P		Q	
n	0.28422534	Peri.	87.43142	+0.93797495		+0.31530260	
a	2.2910128	Node	254.16010	-0.34646017		+0.86798896	
e	0.0860158	Incl.	8.61932	+0.01297485		+0.38363973	
P	3.47	H	13.1	G	0.15		

Residuals in seconds of arc

860804	675	1.2- 1.7+	890629	675	0.3+	0.5-	901123	889	0.1+	1.7+
860804	675	(1.7- 3.2+)	890629	675	0.3-	0.9-	901215	675	0.0	0.5+
860806	675	(1.9+ 5.9+)	890701	675	1.8+	0.0	901215	675	(0.2- 2.5+)	
860814	095	0.8+ 0.8-	890701	675	0.1-	0.5-	901218	675	0.8-	0.2+
860908	095	(0.0 2.9-)	901111	675	(2.4+ 2.0+)		901218	675	0.4-	0.5+
860929	010	(22.1+ 3.9+)	901111	675	1.0+	1.0+	920410	413	0.8-	0.9+
860929	010	(20.6+ 4.3+)	901112	675	(4.0+ 3.9+)		920410	413	0.8+	0.5-
890603	675	0.3+ 0.1+	901118	675	0.6-	0.7-	920412	413	0.3-	0.2+
890603	675	(0.1+ 2.4+)	901118	675	0.1-	0.6-	920502	675	0.3+	0.8+
890605	675	1.1- 1.4+	901122	385	(59.9+ 29.8-)		920502	675	0.4+	0.3-
890605	675	0.7- 0.4+	901123	889	0.6+	1.5-				

(5228)* 1986 VT = 1975 VY2 = 1989 EE2

Discovered 1986 Nov. 3 by Z. Vavrova at Klet.

Id. T. Kobayashi (MPC 13153), S. Nakano (MPC 14619)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 72.70735		(2000.0)		P		Q	
n	0.18080014	Peri.	128.90828	+0.81995495		+0.57239549	
a	3.0974446	Node	196.17722	-0.53174367		+0.75768470	
e	0.1690096	Incl.	1.25592	-0.21194942		+0.31349211	
P	5.45	H	12.3	G	0.15		

Residuals in seconds of arc

751102	095	0.9- 0.7-	890306	046	1.3-	1.6-	910911	675	1.7+	1.2-
751107	095	1.8+ 2.0-	890306	046	2.7-	2.6-	910911	675	0.1+	0.9-
861103	046	1.3- 0.5+	890307	046	2.5+	2.8-	910913	675	1.1-	1.1-
861103	046	0.1+ 0.7-	890307	046	2.3-	2.3-	910914	033	0.4-	0.4-
861107	046	0.6- 1.6+	910807	675	1.2+	1.2-	910914	033	2.4-	0.5-
861107	046	0.8- 0.5+	910808	675	1.1+	1.0-	910915	675	0.4-	0.3-
861109	046	1.9+ 0.3+	910904	033	1.6+	0.4-	910915	675	0.1-	0.5-
861109	046	0.3+ 0.1+	910905	033	1.0+	0.4+	910916	675	1.2-	2.7-

910916	675	1.1-	2.2-	911008	801	0.2+	0.7+	911009	033	1.6+	1.0+
911004	801	0.4+	0.5+	911008	801	0.3+	0.9+	911030	033	0.4-	0.0
911004	801	0.4+	0.7+	911009	033	0.8+	0.3+	911031	033	0.1+	0.7+

(5229)* 1987 DE6 = 1979 ST12 = 1990 QE1

Discovered 1987 Feb. 23 by H. Debehogne at the European Southern Observatory.

Id. B. G. Marsden (MPC 17633), G. V. Williams (ibid.)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	98.28660		(2000.0)			P				Q	
n	0.17848276	Peri.	68.99358			+0.91854514				-0.38862348	
a	3.1241979	Node	313.79410			+0.31510189				+0.83041173	
e	0.1483382	Incl.	5.75915			+0.23871664				+0.39923444	
P	5.52	H	11.9			G	0.15				

Marsden

Residuals in seconds of arc

301213	690	0.1+	0.3+	870227	809	0.2-	0.5+	900916	675	0.9+	0.1-
301214	690	0.7-	1.1-	870302	809	1.0+	0.1-	900916	675	1.0+	0.8-
301216	690	1.2+	0.5+	870302	809	1.0+	0.3-	900918	095	1.7+	2.1+
790928	095	1.0-	3.0-	870302	809	1.3+	0.2-	900918	095	2.2+	2.6+
870223	809	1.2-	0.4+	870305	809	1.2+	0.4-	900919	675	0.2+	0.2-
870223	809	0.9-	0.5+	870305	809	1.3+	0.5-	900919	675	0.5+	0.4-
870223	809	0.5-	0.8+	870305	809	1.0+	0.1-	900920	675	0.3-	0.2-
870224	809	0.6-	0.1+	870306	809	0.8+	1.0-	900920	675	0.1-	0.4-
870224	809	0.7-	0.5+	870306	809	0.8+	0.7-	900922	095	1.9-	0.1+
870224	809	0.6-	0.6+	870306	809	0.8+	0.6-	900922	095	2.2-	2.0+
870225	809	0.4-	0.4+	870307	809	0.1-	0.7-	901017	095	0.7+	0.4-
870225	809	0.4-	0.7+	870307	809	0.2-	0.4-	901017	095	0.2+	0.3+
870225	809	0.5-	0.8+	870307	809	0.1+	0.5-	920101	801	0.9-	0.5+
870226	809	0.4-	0.6+	900827	372	0.6-	1.0-	920101	801	0.3+	0.6+
870226	809	0.6-	0.5+	900827	372	1.0-	0.8-	920106	801	0.4+	0.9-
870226	809	0.6-	0.3+	900828	372	0.6-	0.7+	920106	801	0.4+	0.8-
870227	809	0.3-	0.3+	900829	095	(0.6-	3.6+)	920401	801	0.0	0.1+
870227	809	0.2-	0.4+	900829	095	1.0-	1.2+	920401	801	0.3-	0.3+

(5230)* 1988 EF = 1983 VX

Discovered 1988 Mar. 10 by J. Alu at Palomar.

Id. S. Nakano (MPC 13054)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	87.67955		(2000.0)			P				Q	
n	0.26532697	Peri.	265.04961			-0.17515496				-0.97967178	
a	2.3985482	Node	196.07445			+0.98360502				-0.16979308	
e	0.3748777	Incl.	20.68299			+0.04291749				-0.10683402	
P	3.71	H	13.0			G	0.15				

Nakano

Residuals in seconds of arc

831009	675	0.7-	0.9-	880313	675	2.2+	0.2+	901021	675	0.2-	1.3-
831009	675	0.0	0.5+	880313	675	1.5+	1.6+	901021	675	0.1+	1.8-
831109	675	0.3+	1.0-	880407	675	(5.0+	4.9-)	901023	675	0.8-	1.1+
831109	675	0.4+	1.1-	880409	675	0.3-	2.8-	920401	801	0.8+	0.5+
880310	675	0.6-	1.1-	880410	675	0.6-	0.4+	920401	801	0.6+	0.5+
880310	675	1.7-	0.1-	900729	688	0.5+	0.3-	920501	675	0.6-	1.9-
880312	675	1.4-	0.8-	900729	688	0.4+	0.4-	920501	675	0.1-	1.0-

(5231)* 1988 JV = 1960 WT

Discovered 1988 May 9 by C. S. Shoemaker at Palomar.

Epoch 1992 June 27.0 TT = JDT 2448800.5

Bardwell

M	175.93929		(2000.0)		P		Q
n	0.23264816	Peri.	319.75234	+0.60368574		-0.75457444	
a	2.6182009	Node	91.53323	+0.78149100		+0.49632755	
e	0.1521412	Incl.	14.91280	+0.15759231		+0.42927425	
P	4.24	H	11.1	G	0.15		

Residuals in seconds of arc

601121	690	(19.0-	14.9-)Y	901020	801	0.6+	0.1+	910118	589	0.9-	0.4-
601121	690	(30.4-	15.2-)Y	901114	801	0.5+	0.2+	910118	589	(1.4+	3.2-)
880509	675	0.3+	0.3+	901114	801	0.6+	0.2+	910118	589	1.2-	1.0+
880514	675	1.8-	0.9-	901214	675	0.7+	1.3-	910118	589	0.7-	0.4-
880609	675	1.2-	1.3-	901214	675	1.0+	1.5-	910118	589	0.5+	1.9-
880611	675	0.8-	2.7-	901217	675	1.4+	0.7-	910119	589	(3.4-	0.9-)
880613	675	0.4-	2.6-	901217	675	1.5+	1.8-	910119	589	1.6-	0.7-
880717	675	0.2+	1.0-	910117	675	(3.0+	0.2-)	910119	589	0.3-	1.5-
880718	675	0.6+	0.2+	910117	675	0.2+	0.3+	920401	801	0.2+	0.5+
890905	474	1.8+	1.1-	910117	589	2.0-	1.6+	920401	801	0.4+	0.3+
890905	474	2.0+	0.4-	910117	589	(3.6-	2.8+)	920429	801	1.1+	1.3+
890909	474	1.9-	0.4+	910117	589	0.5+	1.4-	920429	801	1.0+	1.4+
890909	474	2.1-	0.7+	910117	589	2.5-	2.0+	920506	801	0.1+	1.2+
901017	801	0.2-	0.9+	910117	589	0.1-	1.5+	920506	801	0.5+	1.7+
901017	801	0.2-	1.2+	910117	589	2.4+	0.5-				
901020	801	0.9+	0.4+	910118	589	(3.1-	1.3+)				

(5232)* 1988 PR1 = 1978 ND3

Discovered 1988 Aug. 14 by E. W. Elst at Haute Provence.

Id. B. G. Marsden (MPC 13681)

Marsden

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	343.94780		(2000.0)		P		Q
n	0.20454014	Peri.	97.51588	-0.10935726		+0.99266519	
a	2.8528811	Node	165.89079	-0.97485369		-0.09697689	
e	0.1566473	Incl.	12.20707	-0.19416814		-0.07218935	
P	4.82	H	11.9	G	0.15		

Residuals in seconds of arc

780710	095	0.2+	1.8+	880913	809	0.9+	0.2+	880919	809	0.3-	0.5+
780712	095	0.7+	2.3+	880913	809	0.9+	0.0	880919	809	0.0	0.4+
830804	095	1.7-	0.5+	880913	809	1.0+	0.1-	880919	809	0.1+	0.4+
830806	095	0.7-	2.0+	880913	511	(3.6-	3.9-)	880920	809	1.5-	0.5+
830901	095	(1.8+	5.9+)	880913	511	0.5-	2.0-	880920	809	1.4-	0.4+
830905	095	0.2+	1.4-	880913	511	2.2+	0.8-	880920	809	1.1-	0.3+
830911	095	(3.3+	1.5-)	880914	807	0.5+	0.1+	881004	807	0.7+	0.2+
880808	095	0.6+	1.0-	880914	095	2.2+	1.8-	881005	807	0.4+	0.3+
880809	095	(1.3-	4.0-)	880914	095	0.0	0.7+	881007	807	0.5+	0.1-
880809	095	(1.2+	6.1+)	880914	511	0.4-	2.5-	881008	807	0.7+	0.8-
880809	095	(1.9-	2.6-)	880914	511	0.6-	1.4-	881008	807	0.5+	0.1+
880814	511	0.6-	0.2-	880915	807	0.9+	0.0	881103	807	0.7-	0.4-
880814	511	0.3-	0.1-	880915	809	0.3+	0.4-	881105	807	0.0	0.7-
880815	511	(2.6-	0.3-)	880915	809	0.5+	0.1-	910119	402	0.7+	0.7+
880816	511	1.5-	0.9-	880915	809	0.6+	0.1-	910119	402	0.5-	0.3+
880909	809	0.7-	0.2+	880915	809	0.1+	0.7+	910123	402	0.1-	0.5+
880909	809	0.4-	0.0	880915	809	0.0	0.8+	910123	402	0.3-	0.6+
880909	809	0.1+	0.1+	880915	809	0.1+	0.8+	920401	801	0.8+	0.2+
880911	809	0.1-	1.0-	880916	807	1.2+	0.7+	920401	801	0.8+	0.2+
880911	809	0.2-	1.0-	880916	095	(4.4+	0.3+)	920429	801	0.3-	0.9-
880911	809	0.1+	0.9-	880916	095	(3.3+	2.7-)	920429	801	0.3-	1.0-
880912	809	0.1+	0.8-	880918	809	1.0-	2.0+	920507	801	0.3-	0.7-
880912	809	0.0	0.9-	880918	809	0.8-	2.0+	920507	801	0.7-	0.7-
880912	809	0.4-	1.0+	880918	809	0.8-	1.8+				

(5233)* 1988 RL10 = 1983 HN1

Discovered 1988 Sept. 14 by S. J. Bus at Cerro Tololo.

Id. S. Nakano (MPC 15890)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Nakano

M 268.25042		(2000.0)		P	Q
n 0.08370385	Peri.	41.86824	-0.99637777		+0.07713385
a 5.1757395	Node	142.51050	-0.08482422		-0.93128983
e 0.0452525	Incl.	3.37228	+0.00601508		-0.35601913
P 11.77	H 12.2		G 0.15		

Residuals in seconds of arc

820130 675	0.6+	0.3-	881005 807	0.0	0.2+	891003 807	0.1-	0.3-
820131 675	0.5-	0.3-	881007 807	0.1+	0.1+	891029 807	0.3+	0.2+
830416 033	0.2-	0.1+	881008 807	0.2+	0.4-	891101 807	0.5-	0.3+
880914 807	0.8-	0.1+	881008 807	0.2+	0.1-	911113 688	0.6+	0.1+
880915 807	0.3-	0.3+	881103 807	0.6+	0.1+	911113 688	0.4+	0.1+
880916 807	0.1-	0.2+	881105 807	0.6+	0.3-	911204 691	0.0	0.2+
881004 807	0.1+	0.1-	891001 807	0.1-	0.8-	911204 691	0.8-	0.1+

(5234)* 1989 VP = 1980 UA1

Discovered 1989 Nov. 4 by L. G. Karachkina at the Crimean Astrophysical Observatory.

Id. C. M. Bardwell (MPC 17208)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Bardwell

M 202.02273		(2000.0)		P	Q
n 0.21489191	Peri.	176.35035	+0.76058269		-0.50971387
a 2.7605101	Node	223.39837	+0.57986581		+0.81189937
e 0.1633451	Incl.	35.82277	+0.29200962		-0.28462465
P 4.59	H 11.5		G 0.15		

Residuals in seconds of arc

801018 095	1.3-	2.8-	891201 675	0.1-	0.7-	910414 474	0.9+	0.1-
891104 095	0.9-	0.3+	891203 888	0.4+	0.5-	910414 474	1.5+	1.1+
891104 095	(1.4-	3.0+)	891203 888	0.0	0.0	920405 675	1.4+	0.1+
891106 095	0.8+	0.8+	891204 888	0.8-	0.5+	920407 675	0.0	0.2-
891106 095	(0.8+	3.3-)	891204 888	1.6-	0.3+	920407 675	0.9+	0.6-
891120 095	(1.6-	12.4+)	891229 801	0.5-	0.3-	920408 675	0.4+	0.2+
891120 095	1.9+	1.4+	891229 801	0.6-	0.3-	920408 675	0.8-	1.4-
891124 095	0.7+	0.1-	910206 474	0.8-	1.0+	920430 801	0.5-	0.2+
891129 675	0.1+	0.4+	910206 474	0.5+	1.1-	920430 801	0.4-	0.3-
891130 095	0.3+	0.6-	910311 474	0.4-	0.2-	920507 801	0.1-	0.1-
891201 675	(1.1-	3.5+)	910311 474	0.7-	0.1+	920507 801	0.3-	0.3-

(5235)* 1990 SA1 = 1934 PE = 1951 JV = 1969 TT2 = 1982 FM1 = 1983 RA5

Discovered 1990 Sept. 16 by H. E. Holt at Palomar.

Id. G. V. Williams (MPC 17216), H. Kaneda (MPC 17449)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M 245.91263		(2000.0)		P	Q
n 0.28302290	Peri.	29.67911	+0.30087486		+0.95007082
a 2.2974972	Node	257.93529	-0.89078214		+0.24900858
e 0.1420288	Incl.	4.85135	-0.34056057		+0.18804300
P 3.48	H 12.7		G 0.15		

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

340814 094	(0.07+	0.05+)	X	820325 046	1.0-	2.3-	900917 675	0.1+	1.1-
510503 711	(4.1-	13.5-)	Y	820325 046	2.4-	0.1+	900917 675	0.1+	1.8-
510504 711	(8.5-	5.1-)	Y	830905 095	1.4+	0.8+	900918 675	0.3+	1.5-
691009 095	1.7-	1.6+		830907 095	1.8+	0.3-	900918 675	0.4-	1.1+
820323 046	(5.8-	1.7-)		830909 095	0.6+	0.5-	900918 675	0.1+	0.8-
820323 046	(5.3-	0.9+)		830912 095	(0.5-	12.5-)	900918 675	0.5+	1.3+
820324 046	0.3-	2.4-		900916 675	0.2-	0.3-	900920 657	0.4+	0.6-
820324 046	0.7+	1.2-		900916 675	0.2+	1.6-	900920 657	0.5+	0.6-

900920	675	0.2+	0.9-	920206	801	1.2+	0.4+	920212	809	0.1-	0.7-
900920	675	0.8-	0.1+	920206	801	1.0+	0.4+	920212	809	0.4-	0.9-
900921	657	1.3-	0.1-	920207	809	0.7+	1.3+	920212	809	1.1-	0.7-
900921	657	0.1-	0.3+	920207	801	1.1+	0.2+	920305	801	1.0+	0.9+
920202	809	0.0	0.1-	920207	809	0.5-	0.8+	920305	801	0.9+	1.1+
920202	809	1.6-	0.7-	920207	801	1.0+	0.2+				
920202	809	0.8-	1.1-	920207	809	0.8-	0.4+				

(5236)* 1990 TG3 = 1931 BK = 1978 GN3 = 1983 VQ7 = 1988 BA1

Discovered 1990 Oct. 10 by Y. Mizuno and T. Furuta at Kani.

Id. S. Nakano (MPC 17453)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Nakano

M	154.29411		(2000.0)			P		Q	
n	0.27696127	Peri.	197.96270			+0.71473958		-0.69702078	
a	2.3308985	Node	206.50942			+0.65645206		+0.69696205	
e	0.1105755	Incl.	7.40515			+0.24128412		+0.16854057	
P	3.56	H	12.9			G	0.15		

Residuals in seconds of arc

310117	690	0.4+	1.0-	901010	403	1.5+	1.8+	901026	886	2.6+	0.1+
310119	690	0.6-	0.1-	901010	403	0.7-	2.5+	901026	886	0.1-	0.6+
780411	095	0.5-	0.7+	901014	046	0.7-	2.2-	910215	493	0.3+	0.7+
831101	330	0.7+	1.2+	901014	046	0.1-	2.6-	910215	493	(4.8-	2.1-)
880122	220	2.6-	0.1+	901015	046	2.0+	2.4-	920325	691	0.9-	0.2+
880122	220	2.1+	0.5-	901015	046	(1.9+	3.6-)	920325	691	0.0	0.6-
890706	675	0.0	1.2-	901015	095	1.7-	0.5-	920429	801	0.2+	0.9-
890706	675	0.3+	1.7-	901015	095	1.7-	1.8-	920429	801	0.7+	1.2-
900924	095	1.1-	0.8+	901019	403	0.4+	0.5-				
900930	095	(2.0-	4.8+)	901019	403	(3.3-	0.0)				

(5237)* 1990 UF3 = 1931 AL = 1985 FY1 = 1988 CV7

Discovered 1990 Oct. 26 by T. Urata at the Oohira Station of the Nihondaira Observatory.

Id. B. G. Marsden (MPC 17458), T. Urata (ibid.)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Urata

M	58.17531		(2000.0)			P		Q	
n	0.29395540	Peri.	144.80317			-0.99701496		+0.05349860	
a	2.2401740	Node	38.38080			-0.07318548		-0.88455391	
e	0.0950788	Incl.	5.14411			+0.02459773		-0.46335978	
P	3.35	H	12.8			G	0.15		

Residuals in seconds of arc

310110	690	(5.0+	0.8-)	901018	033	0.5-	0.4-	920430	801	1.4-	0.3-
310111	690	0.2-	1.5-	901026	385	(0.2-	3.3+)	920503	385	1.2+	1.8-
310112	690	0.1-	0.9+	901026	385	0.1-	1.6-	920503	385	(2.6+	2.0+)
850322	688	(5.6+	1.1-)	901110	887	0.3+	0.1-	920507	801	0.5-	0.2-
850322	688	2.5+	0.2-	901110	887	(3.3+	0.1+)	920507	801	0.5-	0.1+
880210	877	1.3-	0.5+	901111	898	1.4+	0.7+	920511	385	0.0	0.9+
880210	877	1.4-	0.4-	901111	385	0.4+	0.9+	920511	385	1.2+	0.3+
901014	033	0.3+	0.0	901111	385	2.0-	0.3+	920525	385	1.0-	0.9+
901015	033	0.5+	0.6+	901122	898	(3.0-	0.9-)	920525	385	0.5-	0.3-
901015	033	0.2+	0.4+	901122	898	(3.5-	1.2-)	920530	385	0.5+	0.2+
901018	033	1.0+	0.0	920430	801	0.2-	0.3-	920530	385	0.3-	0.5+

(5238)* 1990 VE2 = 1951 MJ = 1986 RT9 = 1989 NA1

Discovered 1990 Nov. 13 by T. Hioki and S. Hayakawa at Okutama.
Id. H. Kaneda (MPC 17644)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Kaneda

M	32.88395		(2000.0)		P		Q
n	0.28739080	Peri.	330.84544		-0.92714475		+0.36619659
a	2.2741589	Node	230.85504		-0.32088864		-0.88536235
e	0.1174311	Incl.	5.87538		-0.19347633		-0.28641501
P	3.43	H	12.3	G	0.15		

Residuals in seconds of arc

510627	839	1.7-	0.1+	901113	877	0.1+	2.5-	920407	675	0.5+	0.2-
510627	839	1.7+	0.1-	901113	877	0.8+	0.9-	920408	675	0.1-	0.3-
860908	095	0.0	0.0	901115	877	0.5-	1.0-	920408	675	0.2+	0.2-
860911	095	0.3+	0.5-	901115	877	0.2+	0.6+	920430	801	0.4-	0.3-
890702	675	0.6+	0.5+	901124	877	0.6+	0.4-	920430	801	0.5-	0.1-
890702	675	0.1-	0.8+	901124	877	0.7-	0.1+	920507	801	0.8+	0.1+
890704	675	0.1-	1.6-	920405	675	1.5-	1.2-	920507	801	0.1-	0.5-
890704	675	0.4-	0.7-	920407	675	0.6+	0.8-				

(5239)* 1990 VC4 = 1931 AV = 1976 YX3

Discovered 1990 Nov. 14 by S. Izumikawa and O. Muramatsu at the Yatsugatake South Base Observatory.

Id. S. Nakano (MPC 17645)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Nakano

M	113.29994		(2000.0)		P		Q
n	0.21196505	Peri.	353.74790		+0.24737236		-0.95782525
a	2.7858638	Node	81.86009		+0.89524288		+0.16822627
e	0.1379499	Incl.	8.49362		+0.37060369		+0.23296076
P	4.65	H	12.4	G	0.15		

Residuals in seconds of arc

310112	690	(5.5-	2.7+)	901121	896	1.6+	0.4-	901221	896	(3.4+	0.6+)
310113	690	0.2-	0.6+	901208	896	0.7+	0.2+	910114	033	0.5-	0.7+
310115	690	0.1-	2.1-	901208	896	0.6+	0.5-	910114	033	0.5+	1.0+
761218	095	1.7-	1.2+	901215	675	2.1-	0.3-	920306	801	1.1-	0.2+
761220	095	1.5+	0.4-	901215	675	0.2-	1.9-	920306	801	0.0	0.4-
901114	896	(5.3+	0.5+)	901218	675	0.6-	0.2+	920308	896	0.6+	1.7+ Y
901114	896	(3.3+	1.2+)	901218	675	0.8-	0.9+	920430	801	0.5+	0.0
901121	896	1.2-	0.2+	901221	896	1.6+	0.7+	920430	801	0.6+	0.4-

(5240)* 1990 XE = 1953 VF = 1964 VJ1 = 1971 SE2 = 1973 FZ = 1975 XS
= 1979 XX = 1981 JA1 = 1981 JV2 = 1986 TX15 = 1986 UE1

Discovered 1990 Dec. 7 by K. Suzuki and T. Urata at Toyota.

Id. H. Kaneda (MPC 17648)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Kaneda

M	166.95569		(2000.0)		P		Q
n	0.26803234	Peri.	185.15632		+0.38562648		-0.91858470
a	2.3823812	Node	242.18474		+0.84998006		+0.39018439
e	0.1011946	Incl.	5.61706		+0.35892355		+0.06291489
P	3.68	H	12.3	G	0.15		

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

531103	377(22.8-	18.2-)Y	810503	688	0.3+	2.4-	901208	881	0.0	0.1+	
531106	094(0.05-	0.02+)X	810503	688	(3.5-	26.9-)	901208	881	0.2-	0.2+	
531107	377(18.2-	8.9+)Y	810506	675	1.4-	1.3+	901212	403	0.1+	0.3+	
531110	094(0.03-	0.02+)X	810508	675	0.6-	0.5+	901212	403	0.2+	0.2+	
641101	330(15.4-	0.9+)Y	810509	675	0.7-	0.8+	901213	403	0.5-	2.1-	
710926	095 (8.9-	9.6-)Y	861007	095	(0.9-	3.4-)	901214	886	1.1+	1.4-	
730327	095	0.1+	2.0+	861029	054	1.5-	0.2-	901214	886	(0.1+	3.2-)
751201	095	0.8+	0.5-	861029	054	1.0-	0.1+	901218	881	0.2+	0.0
751203	095	1.8+	2.3+	901207	881	0.5-	0.9-	901218	881	0.5+	0.4+
791214	095	0.2-	2.4+	901207	881	1.6-	0.7-	910118	881	0.0	0.0

910118	881	0.6+	0.5-	920407	675	0.7+	0.7-	920501	385	1.0+	0.2+
920405	675	0.2-	1.2-	920408	675	0.7+	0.2-	920501	385	0.0	0.7+
920407	675	0.7+	0.3-	920408	675	0.0	0.1+				

(5241)* 1990 YL = 1978 TV3 = 1980 BB5 = 1984 WP

Discovered 1990 Dec. 23 by S. Ueda and H. Kaneda at Kushiro.

Id. H. Kaneda (MPC 17830), R. Nagata (ibid.)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	117.20020		(2000.0)			P		Kaneda		Q	
n	0.17881889	Peri.	40.60155			+0.03696638				-0.99818589	
a	3.1202816	Node	47.33731			+0.89931288				+0.01249347	
e	0.1845863	Incl.	3.70536			+0.43574055				+0.05889692	
P	5.51	H	11.9			G	0.15				

Residuals in seconds of arc

781004	095	0.7+	0.2-	901223	399	1.9+	0.8-	910205	877	0.9-	0.4-
800122	095	2.2+	1.0+	901224	399	0.2+	0.5+	910205	877	0.6-	0.8+
800123	095	1.9-	0.3+	901224	399	0.0	0.4-	910207	877	0.1+	0.5+
841118	688	1.1+	1.3-	901224	399	0.5+	1.3-	910207	877	1.1-	0.2-
841118	688	0.6-	0.1-	910203	399	0.1+	0.1-	920401	801	0.8-	1.0-
841124	688	0.5+	0.5-	910203	399	0.3+	0.3+	920401	801	1.2-	0.8-
841124	688	1.1-	0.4-	910204	399	0.1-	0.0	920507	801	0.2+	0.2-
901223	399	1.2+	1.6+	910204	399	0.8-	1.0-	920507	801	0.5+	0.4-
901223	399	0.9+	0.3+	910204	399	0.9-	0.5-				

(5242)* 1991 BO = 1975 VY3 = 1979 OX15 = 1989 UN4

Discovered 1991 Jan. 18 by S. Inoda and T. Urata at the Karasuyama

Astronomical Observatory.

Id. S. Nakano (MPC 17968)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	296.03281		(2000.0)			P		Urata		Q	
n	0.21031540	Peri.	66.95317			+0.40819739				+0.91215759	
a	2.8004124	Node	227.19140			-0.85478802				+0.36781198	
e	0.0660582	Incl.	2.86375			-0.32048765				+0.18078408	
P	4.69	H	12.4			G	0.15				

Residuals in seconds of arc

751102	095	(4.8+	8.8+)	891103	675	2.0-	1.5-	920423	809	0.3-	1.4-
790730	095	0.4+	1.1-	891103	675	1.4-	1.7-	920423	809	1.0-	2.1-
890930	675	0.7-	1.8-	891104	675	1.2-	1.4-	920423	809	1.0-	2.3-
890930	675	0.3-	1.9-	891104	675	(1.4-	2.5-)	920425	809	0.8-	0.3-
891022	046	(1.7+	3.8-)	910115	889	1.9+	0.3+	920425	809	0.3-	1.2-
891022	046	1.8+	0.7-	910115	889	1.0+	0.0	920425	809	0.7-	0.7-
891023	046	(5.1+	0.7-)	910118	889	0.2-	0.9+	920430	801	0.3-	0.5-
891023	046	2.3+	0.7-	910118	889	0.8-	0.7-	920430	801	0.1-	0.7-
891024	046	2.4+	0.1+	910208	889	1.9-	1.3-	920501	385	0.5-	0.1+
891024	046	(2.6+	2.7+)	910208	889	(0.8+	4.3+)	920501	385	1.4-	0.6-
891028	046	(2.5-	2.9-)	920401	801	1.4+	0.2-				
891028	046	2.1+	0.6-	920401	801	1.5+	0.0				

(5243)* 1246 T-2 = 1972 HY = 1981 GT

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

Id. C. M. Bardwell (MPC 14963)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	105.78397		(2000.0)			P		Bardwell		Q	
n	0.21295816	Peri.	61.38098			-0.24156793				+0.96981891	
a	2.7771960	Node	194.75194			-0.92953180				-0.24105914	
e	0.1770759	Incl.	7.47110			-0.27859571				-0.03663018	
P	4.63	H	12.8			G	0.15				

Residuals in seconds of arc

720419	095	(8.7-	4.2-)	731004	675	2.4+	1.4-	910709	801	0.4+	0.4+
730919	675	0.2+	0.8-	731004	675	1.2+	1.5-	910709	801	0.3+	0.4+
730919	675	0.1-	0.9-	731005	675	1.9+	1.7-	910709	657	0.1-	0.5+
730920	675	2.0-	1.4-	731005	675	2.8+	0.6-	910710	801	0.5+	0.2+
730924	675	1.1-	0.9-	810405	688	0.1-	1.2-	910710	801	0.4+	0.0
730924	675	0.6-	1.7-	810405	688	0.6+	2.7-	910710	657	0.3+	0.7+
730925	675	(3.5-	2.9-)	810407	688	1.4-	1.6-	910710	657	0.0	0.6+
730925	675	0.8-	1.4-	810407	688	0.5-	1.4-	910806	801	0.6-	0.1-
730929	675	0.5-	0.4+	810409	688	0.3+	1.9-	910806	801	0.3-	0.1+
730929	675	0.2+	0.0	810409	688	1.5-	1.1-	910807	801	0.6-	0.1-
730930	675	0.6-	0.2-	900316	400	1.0+	0.5+	910807	801	0.7-	0.2-
730930	675	0.0	1.8+	900316	400	0.5-	1.0+				

1967 JN = 1973 UV3 = 1992 JC

Epoch 1992 June 27.0 TT = JDT 2448800.5

				Urata	
				P	Q
M	328.78329	(2000.0)			
n	0.19543196	Peri.	244.04462	+0.20061566	+0.96857192
a	2.9408463	Node	38.45716	-0.79285207	+0.24868404
e	0.1812885	Incl.	13.67600	-0.57544674	-0.00496826
P	5.04	H	12.0	G	0.15

Residuals in seconds of arc

670506	808	0.4+	0.6+	920501	385	0.2+	0.5-	920525	385	0.2+	1.2-
670510	808	0.0	0.6+	920501	385	2.2-	0.2-	920525	385	1.1+	0.4+
670516	808	0.1-	0.6-	920503	385	0.1-	1.1+	920525	385	1.1+	0.2+
731029	095	0.4+	0.6-	920503	385	0.9-	1.0-				

1973 SS4 = 1973 UB3 = 1962 WJ1 = 1990 TM15 = 1990 UH6

Id. B. G. Marsden (d, MPC 9064), G. V. Williams (MPC 19289, unpublished)

Epoch 1992 June 27.0 TT = JDT 2448800.5

				Williams	
				P	Q
M	28.09126	(2000.0)			
n	0.17429626	Peri.	115.02449	-0.66896048	-0.73627210
a	3.1740273	Node	18.17098	+0.50761609	-0.55273117
e	0.1866427	Incl.	19.08309	+0.54297126	-0.39037372
P	5.65	H	10.5	G	0.15

Residuals in seconds of arc

621130	760	0.7-	1.2+	900927	095	2.2-	1.5+	920301	293	1.3-	1.6-
621130	760	1.4-	2.4+	901013	095	2.4+	0.4+	920301	293	1.9-	0.1-
730927	095	2.3-	0.0	901013	095	0.3-	1.6-	920506	801	0.2+	0.2-
730928	095	0.2-	0.1-	901017	095	1.7+	1.3-	920506	801	0.3+	0.0
731027	095	(0.1-	3.9+)	901017	095	1.6+	2.5-	920507	801	1.5+	0.4+
731029	095	1.6+	0.7+	901024	046	(1.7+	5.0-)	920507	801	1.1+	0.0
900927	095	(1.0+	4.7-)	901024	046	(2.4+	4.2-)				

1978 RR8 = 1990 TQ4

Id. R. Nagata (MPC 17625)

Epoch 1992 June 27.0 TT = JDT 2448800.5

				Kobayashi	
				P	Q
M	92.42140	(2000.0)			
n	0.25878791	Peri.	324.40187	-0.63327520	-0.77225700
a	2.4387843	Node	164.67813	+0.74712145	-0.62715149
e	0.2349937	Incl.	11.08623	+0.20192090	-0.10148962
P	3.81	H	13.4	G	0.15

Residuals in seconds of arc

780902	809	0.3-	0.5-	780910	809	0.4-	2.3+	901020	413	1.1-	1.5-
780902	809	0.3-	0.4-	780910	809	0.4+	1.0-	901020	413	1.2+	0.0
780902	809	1.3-	0.9-	780910	809	1.3+	0.7+	920430	801	0.1+	0.2+
780902	809	0.3+	0.2+	780910	809	1.1+	0.1+	920430	801	0.1-	0.4+
780902	809	1.4-	0.5-	901009	413	0.1-	0.0	920506	801	0.4+	0.6-
780906	809	0.6+	0.1-	901009	413	0.1+	1.7+	920506	801	0.5-	0.1+

1978 VX3 = 1971 DF1

Id. H. Kaneda (MPC 16227)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	282.68791		(2000.0)		P		Q	
n	0.22496922	Peri.	303.90798		-0.95176727		+0.30073510	
a	2.6774455	Node	253.65843		-0.25641751		-0.88846977	
e	0.1869759	Incl.	3.63308		-0.16849071		-0.34666968	
P	4.38	H	14.5	G	0.15			

Residuals in seconds of arc

710218	095	0.7-	0.8+	781129	675	(4.3+	2.0+)	911112	691	0.4+	0.0
710223	095	0.7+	0.7-	781129	675	(3.6+	0.2+)	911127	691	0.5-	0.1-
781105	675	0.6-	0.0	781130	675	0.4-	0.4+	911127	691	1.1-	0.2+
781106	675	0.2+	1.2-	781130	675	1.7+	0.2+	911127	691	0.4-	0.4+
781107	675	0.5-	0.0	911112	691	0.4+	0.1+				
781108	675	0.6-	0.2-	911112	691	1.0+	0.1+				

1979 QW3 = 1982 FG1 = 1986 LQ1

Id. E. Goffin (MPC 11991), G. V. Williams

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	230.39067		(2000.0)		P		Q	
n	0.26064447	Peri.	62.03618		-0.71446983		+0.69964963	
a	2.4271896	Node	162.36128		-0.64739439		-0.65846162	
e	0.1547863	Incl.	0.91211		-0.26535517		-0.27734220	
P	3.78	H	14.5	G	0.15			

Residuals in seconds of arc

790822	809	1.3-	1.7-	790826	809	0.1+	0.6+	860601	805	(1.4-	3.3+)
790822	809	0.2+	0.8-	820324	046	(2.2+	0.4-)	860601	805	0.2-	1.8+
790822	809	0.8-	0.7-	820324	046	0.1+	1.8-	860601	805	0.1+	0.6+
790823	809	0.5+	0.2+	820327	046	(4.1-	1.0-)	860601	805	0.3+	1.6-
790823	809	0.0	0.7+	820327	046	(1.6-	2.3-)	911103	691	0.1-	0.4+
790826	809	1.3+	0.7+	820327	046	0.5+	1.6+	911103	691	0.2-	0.6+
790826	809	0.3+	0.6+	820327	046	0.7-	0.1+				

1981 EJ7 = 1992 GP1

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	232.45512		(2000.0)		P		Q	
n	0.17468401	Peri.	0.49661		+0.61868026		+0.77826141	
a	3.1693287	Node	307.72785		-0.72128079		+0.50844869	
e	0.0276611	Incl.	7.80743		-0.31143018		+0.36849574	
P	5.64	H	13.5	G	0.15			

Residuals in seconds of arc

810202	413	0.0	0.5+	810315	413	1.7-	0.3-	810429	413	0.1+	0.3+
810209	413	0.9+	0.1+	810315	413	1.1+	1.0-	920401	691	0.1+	0.2-
810301	413	0.2-	0.5-	810405	413	(1.9-	2.2+)	920401	691	0.6+	0.2-
810301	413	(1.1+	2.5-)	810405	413	0.6+	0.4+	920404	691	0.4-	0.2+
810307	413	0.9-	0.1-	810406	413	0.6-	0.5+	920404	691	0.0	0.2+
810307	413	0.7+	0.7-	810406	413	1.1+	0.8-	920404	691	0.1-	0.3+
810311	413	0.0	0.2+	810412	413	1.2-	1.1+				

1981 EY13 = 1992 JD1

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	219.63276		(2000.0)		P		Q	
n	0.18386797	Peri.	150.19732		+0.99734703		+0.00096951	
a	3.0628942	Node	210.01185		-0.02121710		+0.96036690	
e	0.0947896	Incl.	8.36751		+0.06963283		+0.27873727	
P	5.36	H	15.0	G	0.15			

Residuals in seconds of arc

810212	413	0.3-	0.4+	810301	413	1.2-	0.8-	810308	413	0.8-	0.6+
810212	413	0.9-	0.5+	810306	413	0.2+	0.6+	810308	413	0.9+	0.1-

810409	413	0.7-	0.0	920507	691	0.3+	0.6+	920508	691	0.2-	0.3-
810409	413	1.0+	1.0-	920507	691	0.1+	0.4-	920508	691	0.0	0.1+
810501	413	0.1-	0.8+	920507	691	0.1-	0.3+				
810503	413	1.8+	1.0-	920508	691	0.0	0.2-				

1981 EA19 = 1991 RP26

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

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	42.05099		(2000.0)			P		Q			
n	0.24653592	Peri.	44.69121			+0.61201539		-0.79082299			
a	2.5189289	Node	7.58041			+0.71223659		+0.54786043			
e	0.1563462	Incl.	2.61300			+0.34373857		+0.27285151			
P	4.00	H	14.5			G	0.15				

Residuals in seconds of arc

810202	413	0.2+	0.2+	810311	413	0.4-	0.3-	810503	413	0.2-	0.3-
810213	413	1.0-	0.7+	810311	413	1.8+	1.4-	910911	675	0.7+	0.4-
810302	413	1.2+	0.0	810316	413	(6.5+	2.7-)	910911	675	0.4-	0.1-
810302	413	(5.7+	1.1-)	810329	413	0.3-	0.1+	910913	675	0.5+	0.3+
810303	413	0.0	0.0	810329	413	(3.5+	1.3-)	910913	675	0.6-	0.3-
810307	413	1.6-	0.7+	810408	413	0.7-	0.6+				
810307	413	0.9+	0.7-	810502	413	0.3-	0.2-				

1981 FR

Id. B. A. Skiff (1991 obs.)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Bowell

M	147.07079		(2000.0)			P		Q			
n	0.23231468	Peri.	104.74625			+0.23103370		+0.97293169			
a	2.6207058	Node	178.57989			-0.95399035		+0.22758546			
e	0.1561926	Incl.	12.18572			-0.19111738		+0.04010974			
P	4.24	H	13.8			G	0.15				

Residuals in seconds of arc

810209	413	0.4-	1.1+	810311	413	0.7+	1.4-	810411	413	0.6-	1.1+
810213	413	0.9+	0.8-	810316	413	0.3-	0.5-	810411	413	0.7-	0.0
810302	413	0.5-	1.2+	810316	413	1.5+	1.1-	810426	413	(0.5-	3.1-)
810302	413	0.7-	0.7-	810328	801	1.1+	0.1+	810502	413	0.0	1.3-
810303	413	0.6-	1.1+	810329	413	0.6-	1.0+	910912	675	0.6-	1.0+
810303	413	0.3-	0.0	810329	413	1.3+	0.1-	910912	675	0.4+	0.5-
810307	413	1.1-	0.3+	810407	413	1.0+	0.7-	910914	675	0.2+	0.6-
810307	413	1.2+	1.5-	810407	413	(3.5+	2.0-)				
810311	413	1.3-	0.7+	810408	413	0.7-	1.3+				

1981 QW2 = 1991 RS26

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	128.75284		(2000.0)			P		Q			
n	0.29990888	Peri.	271.57245			+0.67248692		+0.73888804			
a	2.2104286	Node	40.79400			-0.65054893		+0.61751317			
e	0.1776515	Incl.	3.72927			-0.35291278		+0.26967007			
P	3.29	H	15.0			G	0.15				

Residuals in seconds of arc

810823	809	0.4+	0.4+	810827	809	1.6-	0.1-	810903	809	0.7-	0.3+
810823	809	0.3+	0.1+	810827	809	1.6-	0.7-	810904	809	0.5+	0.7+
810823	809	0.1+	0.2+	810901	809	0.1-	0.4+	810904	809	1.5+	0.4+
810824	809	0.6+	0.4+	810901	809	0.5-	0.2+	810904	809	1.7+	0.1+
810824	809	0.6+	0.4+	810901	809	0.2-	0.0	810905	809	0.9+	0.2-
810824	809	0.7+	0.2+	810902	809	0.3-	0.4-	810905	809	0.2-	0.4+
810825	809	0.2+	0.1+	810902	809	0.7-	0.5-	810905	809	0.6-	0.1+
810825	809	0.3+	0.4+	810902	809	0.2-	0.7-	810906	809	2.6+	0.4+
810825	809	1.8+	0.6-	810903	809	1.9-	0.5-	810906	809	0.3+	0.3-
810827	809	2.0-	0.8-	810903	809	1.8-	0.4-	810906	809	0.1-	0.3-

810909	809	1.6-	0.1+	910911	675	0.2+	0.5+	910913	675	0.2-	0.1+
810909	809	0.5-	0.7-	910911	675	0.0	0.8-				
810909	809	2.0+	1.3+	910913	675	0.0	0.3+				

1981 RO1 = 1978 VE12 = 1991 RB27

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

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	33.17576		(2000.0)			P		Q			
n	0.30295883	Peri.	309.44371			+0.24669358		-0.96760852			
a	2.1955684	Node	126.19289			+0.90829128		+0.21156825			
e	0.1245603	Incl.	3.81021			+0.33785978		+0.13774119			
P	3.25	H	14.5			G	0.15				

Residuals in seconds of arc

781102	095	0.2-	0.4+	810903	809	0.1+	0.2+	810906	809	(3.9-	0.5+)
810901	809	0.2+	0.5+	810903	809	1.3+	0.2+	810906	809	0.8-	0.1-
810901	809	0.5+	0.9+	810903	809	1.8+	0.5+	810907	809	0.1+	1.3-
810901	809	0.9+	1.0+	810904	809	0.6-	0.2-	810907	809	0.5+	0.2-
810901	675	0.3+	0.3-	810904	809	0.7+	0.5+	810907	809	0.1-	0.1+
810902	809	0.5-	1.0-	810904	809	0.7-	0.8+	910913	675	1.0-	0.4-
810902	809	0.6-	1.3-	810905	809	2.0-	0.2+	910913	675	0.7+	0.4-
810902	809	1.2-	0.9-	810905	809	1.3+	0.5+	910915	675	0.2+	0.1-
810902	675	0.8-	0.1-	810906	809	0.5-	0.1+	910915	675	0.4+	0.2+

1982 BA = 1991 DH

Id. G. V. Williams (MPC 17957)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	129.20823		(2000.0)			P		Q			
n	0.22395002	Peri.	340.93476			-0.55861275		-0.81553015			
a	2.6855628	Node	142.59483			+0.78966274		-0.57868818			
e	0.1136763	Incl.	14.41334			+0.25374111		+0.00552908			
P	4.40	H	12.5			G	0.15				

Residuals in seconds of arc

820117	879	1.0+	2.0+	820121	046	1.1+	1.6-	910318	675	0.1-	0.4+
820117	879	0.8+	0.1+	820121	046	2.5-	0.9-	920506	801	0.0	0.1+
820119	046	1.1+	0.1-	910218	675	0.7+	0.1+	920506	801	0.3+	0.9-
820119	046	0.4+	0.1-	910218	675	1.2+	0.8+	920507	801	0.2-	0.4+
820120	046	0.8-	0.3-	910219	675	0.1-	0.3+	920507	801	0.2-	0.2-
820120	046	1.1-	0.4-	910318	675	1.8-	0.8-				

1982 UE12 = 1984 DW = 1986 TQ9

Id. D. W. E. Green (MPC 13595), G. V. Williams

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	119.19259		(2000.0)			P		Q			
n	0.24661970	Peri.	88.72531			+0.53040488		-0.84312593			
a	2.5183584	Node	328.72843			+0.69425351		+0.49182628			
e	0.0221352	Incl.	9.80174			+0.48650049		+0.21736050			
P	4.00	H	13.0			G	0.15				

Residuals in seconds of arc

821024	095	0.2+	0.0	840226	809	1.0-	0.4-	840304	809	0.3-	0.2+
821109	095	0.2+	0.1-	840227	809	0.2+	0.5+	840304	809	0.1-	0.5+
821111	095	1.7-	0.3+	840227	809	0.4+	0.8+	840305	809	0.4-	0.6-
840225	809	0.7+	0.3-	840227	809	0.8+	0.6+	840305	809	0.1-	0.4-
840225	809	1.1+	0.2-	840229	809	0.1-	0.7-	840305	809	0.1+	0.4-
840225	809	1.2+	0.4-	840229	809	0.1-	0.6-	840306	809	0.1+	0.1+
840225	809	0.8+	1.5-	840229	809	0.3+	0.7-	840306	809	0.3+	0.1+
840225	809	0.6+	1.5-	840301	809	1.0+	0.1+	840306	809	0.7+	0.2+
840225	809	1.4+	0.6+	840301	809	1.0+	0.2+	840307	809	1.0-	0.4+
840226	809	1.9-	0.1-	840301	809	1.2+	0.4+	840307	809	1.0-	0.0
840226	809	1.5-	0.3-	840304	809	0.1-	0.1+	840307	809	1.0-	0.4-

840309 809	1.0-	0.4+	840311 809	0.4-	0.3+	920228 691	0.0	0.4+
840309 809	0.8-	0.4+	840311 809	0.3-	0.4+	920228 691	0.0	0.3+
840309 809	0.9-	0.3+	861002 095	1.3+	0.3-			
840311 809	0.4-	0.4+	920228 691	0.0	0.6+			

1983 RV3 = 1991 GG11

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M 355.16544		(2000.0)		P	Q
n 0.21862097	Peri.	144.57740	+0.77168030	+0.63597511	
a 2.7290292	Node	175.91104	-0.60310355	+0.73506809	
e 0.1694250	Incl.	5.40879	-0.20192974	+0.23496928	
P 4.51	H 13.5		G 0.15		

Residuals in seconds of arc

830830 675	1.6+	0.8-	830907 809	0.5-	0.3+	830915 809	0.2-	0.5-
830831 675	1.8+	0.0	830908 809	0.4-	0.7+	830915 809	0.1+	0.5-
830901 675	0.8+	0.1-	830908 809	0.2-	0.4+	830916 809	0.6-	0.2-
830902 675	0.6+	0.8-	830908 809	0.4-	0.4+	830916 809	0.5-	0.2-
830902 675	0.7+	0.0	830909 809	0.8+	0.7+	830917 809	0.2-	0.9-
830904 809	(2.7-	1.7+)	830909 809	0.6+	0.6+	830917 809	0.0	0.7-
830904 809	(2.4-	1.6+)	830909 809	0.6+	0.6+	910411 033	1.6+	0.8+
830904 809	(2.1-	1.6+)	830911 809	0.1+	0.7-	910411 033	1.1+	0.8+
830906 809	1.8-	1.2+	830911 809	0.3+	0.9-	910412 033	0.5+	1.3+
830906 809	1.7-	1.2+	830911 809	0.5+	0.7-	910419 809	0.7+	2.2-
830906 809	1.4-	1.3+	830913 809	0.2+	0.2-	910419 809	2.0-	0.2-
830906 095	(1.0+	2.5+)	830913 809	0.3+	0.3-	910419 809	1.9-	0.6-
830907 809	0.9-	0.5+	830913 809	0.5+	0.4-			
830907 809	0.7-	0.2+	830915 809	0.2-	0.4-			

1984 SV5 = 1992 CC4

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M 182.03712		(2000.0)		P	Q
n 0.18564801	Peri.	340.79425	+0.95272476	+0.30380558	
a 3.0432842	Node	1.53826	-0.25421664	+0.80464504	
e 0.0815602	Incl.	9.01549	-0.16640140	+0.51014559	
P 5.31	H 13.5		G 0.15		

Residuals in seconds of arc

840921 809	0.5+	0.2-	840926 809	0.5-	0.4+	840929 809	0.7+	1.1-
840921 809	0.7+	0.2-	840926 809	0.3-	0.5+	840930 809	0.1+	0.1-
840921 809	1.1+	0.2-	840927 809	0.9-	0.2-	840930 809	0.3+	0.0
840922 809	2.0-	0.8-	840927 809	0.7-	0.3+	840930 809	0.0	0.4-
840922 809	1.0-	0.8-	840927 809	0.6-	0.3+	841001 809	0.6+	0.5-
840922 809	0.2-	0.9-	840928 809	0.4-	0.2-	841001 809	0.6+	0.5-
840923 809	0.3-	0.9+	840928 809	0.4-	0.1-	841001 809	0.7+	0.6-
840923 809	0.4-	0.6+	840928 809	0.4-	0.2-	841018 071	0.8+	1.8+
840923 809	0.1-	0.3+	840929 809	0.7-	0.6-	841018 071	0.5-	0.6-
840924 809	0.6+	1.8+	840929 809	1.0-	0.6-	920208 033	0.3+	0.2-
840924 809	1.2+	1.8+	840929 809	0.8-	0.6-	920208 033	0.1-	0.1+
840924 809	1.8+	1.9+	840929 809	0.6+	0.9-	920209 033	0.1-	0.2+
840926 809	0.0	0.4+	840929 809	0.7+	0.9-			

1985 FE3 = 1985 DG = 1992 KG

Id. F. N. Bowman (d, MPC 10151), G. V. Williams

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M 7.74190		(2000.0)		P	Q
n 0.29072748	Peri.	139.77431	-0.61302644	+0.77787364	
a 2.2567251	Node	91.96570	-0.75575320	-0.52635429	
e 0.1871683	Incl.	7.95091	-0.23029478	-0.34331291	
P 3.39	H 13.0		G 0.15		

Residuals in seconds of arc

850219	054	0.4-	0.0	850416	054	(3.3+	10.8+)	920527	675	0.6+	1.0+
850327	054	0.8+	0.2-	850418	054	0.4+	1.0+	920530	675	0.3-	0.3-
850410	054	0.8-	0.7-	920527	675	0.2-	0.8-	920530	675	(0.9-	3.8+)

1986 RT2 = 1986 TM18 = 1961 TT1 = 1979 VO = 1979 WD5

Id. S. Nakano (MPC 11349), G. V. Williams (d)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	257.80642		(2000.0)			P		Williams		Q	
n	0.27465828	Peri.	335.11320			+0.69507517				+0.71886649	
a	2.3439099	Node	338.91528			-0.65483576				+0.62725556	
e	0.0619391	Incl.	1.60464			-0.29675014				+0.29963550	
P	3.59	H	13.5			G	0.15				

Residuals in seconds of arc

611013	760	0.8-	1.7+	860912	688	1.0+	0.7+	901015	033	0.2+	0.3+
791111	095	0.4+	1.5-	860912	688	0.4-	1.0+	901015	033	0.0	0.6+
791116	095	0.9+	0.1+	861002	095	(4.1-	1.4+)	901018	033	0.1-	0.9+
791117	095	0.4+	2.3-	861005	688	0.7-	0.4-	901018	033	0.5-	0.4+
860906	688	(5.2-	2.0-)	861005	688	(3.7+	3.1+)				
860906	688	0.0	1.3-	901014	033	(0.4-	4.8-)				

1986 RT5 = 1988 CK2

Id. B. G. Marsden (MPC 14476)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	96.39665		(2000.0)			P		Williams		Q	
n	0.21531201	Peri.	70.56280			+0.99721535				+0.00486855	
a	2.7569182	Node	289.10230			-0.03578309				+0.90673153	
e	0.1219735	Incl.	4.51690			+0.06543029				+0.42168025	
P	4.58	H	13.5			G	0.15				

Residuals in seconds of arc

860907	095	0.8-	2.0+	880217	809	1.6+	0.5-	911203	675	1.7+	0.1+
860911	095	0.5-	0.5-	880217	809	1.6+	0.6-	911203	675	2.5+	0.9-
861005	095	0.5+	0.0	880217	809	0.2+	0.3-	920128	691	0.8-	0.4-
861010	095	(3.2-	3.4+)	880221	809	0.0	0.4+	920128	691	0.9-	0.1-
880211	809	0.1+	1.9-	880221	809	0.9-	1.1+	920128	691	1.1-	0.0
880215	809	1.1+	0.5-	880221	809	1.7-	1.0+	920129	691	0.5-	0.0
880216	809	0.8+	0.8-	880223	809	1.5+	1.4+	920129	691	1.1-	0.2-
880216	809	0.2-	0.2-	880223	809	0.2-	1.7+	920129	691	1.3-	0.3-
880216	809	2.0-	0.1+	880223	809	1.1-	1.0+				

1986 RF7 = 1986 SG3 = 1976 OL

Id. H. Oishi (MPC 15413)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	300.42889		(2000.0)			P		Nakano		Q	
n	0.30138896	Peri.	170.77084			+0.77617810				+0.63023351	
a	2.2031860	Node	150.13595			-0.58086652				+0.72633814	
e	0.1609811	Incl.	2.16327			-0.24523794				+0.27429662	
P	3.27	H	14.8			G	0.15				

Residuals in seconds of arc

760727	095	1.5+	0.6+	860929	095	1.0+	0.4-	920425	691	0.3+	0.3-
760801	095	1.6-	0.2-	861002	095	0.4-	2.3-	920603	372	0.1-	2.2-
860906	095	1.5+	3.6+	920425	691	0.2-	0.0	920603	372	0.7+	1.8+
860909	095	1.8-	1.7-	920425	691	1.0-	0.4-				

1987 VB1 = 1987 WE4 = 1991 RJ26

Id. F. N. Bowman (d, MPC 13145), E. Bowell

Epoch 1992 June 27.0 TT = JDT 2448800.5

Bowell

M	55.27207		(2000.0)		P		Q
n	0.23985425	Peri.	14.35042		+0.84296933		-0.53707664
a	2.5654946	Node	18.23477		+0.48334259		+0.73096455
e	0.2679541	Incl.	5.65700		+0.23618350		+0.42099824
P	4.11	H	14.2	G	0.15		

Residuals in seconds of arc

871028	095	1.1-	1.1+	871123	046	(1.9+	2.9-)	910911	675	0.3+	0.8+
871115	046	(2.1-	2.4-)	871125	046	(3.6-	1.3+)	910913	675	1.0-	0.9-
871115	046	0.2-	0.1+	871125	046	0.4-	0.1-	910913	675	0.7-	0.8-
871123	046	1.6+	0.8-	910911	675	1.6+	0.5+				

1988 BV = 1983 VK7

Id. S. Nakano (MPC 12945), T. Kobayashi (ibid.)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	127.74224		(2000.0)		P		Q
n	0.27680545	Peri.	350.51753		+0.23192580		-0.97135336
a	2.3317731	Node	86.05893		+0.89583351		+0.19253643
e	0.1993272	Incl.	2.97620		+0.37906825		+0.13929240
P	3.56	H	13.5	G	0.15		

Residuals in seconds of arc

831030	675	0.5-	1.2-	880125	399	0.8-	0.4+	880215	399	0.7-	1.7-
831104	688	(1.5+	2.5-)	880208	399	1.4+	1.4-	880221	399	1.0+	0.5-
831104	675	0.0	0.2+	880208	399	0.2+	0.4+	880221	399	0.7+	0.4-
831104	688	0.9+	1.5-	880208	399	1.0+	1.0+	920404	691	0.3-	0.6-
831107	688	0.8+	0.8-	880211	399	(2.5-	1.3-)	920404	691	0.5+	0.9-
831107	688	(2.1+	2.9-)	880211	399	1.2+	1.1-	920404	691	1.8-	1.0-
880124	399	(2.5+	1.4+)	880211	399	0.5-	0.5+	920423	691	0.1-	0.3-
880124	399	0.2+	0.3+	880213	054	0.2-	1.1+	920423	691	0.0	0.6-
880124	399	0.2-	1.2+	880213	054	1.8-	0.1+	920423	691	0.1+	0.5-
880125	399	(1.1+	2.3+)	880215	399	1.2-	0.8-				
880125	399	0.0	1.9+	880215	399	(0.6+	3.2-)				

1988 EN = 1985 PN1

Id. T. Kobayashi (MPC 13153)

Epoch 1992 June 27.0 TT = JDT 2448800.5

Kobayashi

M	345.34156		(2000.0)		P		Q
n	0.25976629	Peri.	101.80520		-0.17388208		+0.98421790
a	2.4326568	Node	158.09856		-0.93434019		-0.15434363
e	0.2310264	Incl.	5.05480		-0.31108429		-0.08656304
P	3.79	H	13.4	G	0.15		

Residuals in seconds of arc

850814	010	1.2-	0.7+	880312	875	2.6+	1.5-	Y	891005	046	1.0-	1.2-
850815	010	0.2+	1.2-	880312	888	2.7-	1.6+		891005	046	0.9+	1.3+
850815	010	1.1+	0.4+	880312	888	2.8-	1.6+		920301	801	0.1-	0.2+
850815	010	1.4+	1.0-	880312	888	0.3+	2.1-		920301	801	0.3+	0.3+
850816	010	1.3-	0.6+	880312	888	0.5-	1.8-		920430	801	0.0	0.4-
850816	010	0.0	0.4-	880318	875	2.0-	0.9+		920430	801	0.0	0.4+
850824	010	(1.7-	38.5+)	880322	888	2.1+	1.1+		920507	801	0.1-	0.0
880310	888	(2.0-	4.1-)	880322	888	1.9+	1.2+		920507	801	0.1+	0.2+
880310	888	(1.3-	3.6-)	880410	888	0.2-	0.3-					
880312	875	1.3+	1.3-	Y	880410	888	0.4-	0.3-				

1989 GR4 = 1992 CV2

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	39.38164		(2000.0)		P				Nakano	Q
n	0.28875099	Peri.	302.30891			-0.63016702				-0.77641406
a	2.2670115	Node	186.77227			+0.73421519				-0.59232283
e	0.1136753	Incl.	4.08983			+0.25262141				-0.21525537
P	3.41	H	14.7		G	0.15				

Residuals in seconds of arc

890403	809	0.9-	0.1+	890411	809	1.0-	0.0	920202	809	0.9+	0.5-
890403	809	0.1-	0.9-	890411	809	0.5-	0.3+	920202	809	0.3+	0.2-
890403	809	1.0+	0.6-	890412	809	1.3-	0.1+	920206	809	0.1+	1.2-
890405	809	0.3-	0.6+	890412	809	0.0	0.5-	920206	809	0.5+	0.4-
890405	809	0.4-	1.6+	890412	809	0.2+	0.3-	920206	809	0.4-	0.5-
890405	809	1.5+	0.0	920130	809	0.0	0.8-	920212	809	0.2+	1.2+
890409	809	0.2-	0.1+	920130	809	0.2-	0.2-	920212	809	0.2-	1.0+
890409	809	1.4+	0.5-	920130	809	0.7-	0.4+	920212	809	1.6-	1.5+
890409	809	0.6+	0.1-	920202	809	1.0+	0.2-				

1989 NO = 1985 FJ

Id. C. M. Bardwell (MPC 15071)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	342.08258		(2000.0)		P				Williams	Q
n	0.29156012	Peri.	263.59474			-0.17937925				+0.98376341
a	2.2524266	Node	356.05789			-0.86656419				-0.16075304
e	0.1526085	Incl.	4.76698			-0.46571407				-0.07979986
P	3.38	H	13.0		G	0.15				

Residuals in seconds of arc

850315	046	(12.3-	1.5-)	890704	675	1.4+	0.5-	901118	675	0.6+	1.0-
850315	046	(6.8-	1.4-)	890704	675	0.1+	1.7-	901118	675	0.5-	0.4-
850320	046	0.0	0.9-	890809	675	(3.9-	0.4-)	920502	675	0.3+	0.2-
850320	046	0.1-	0.7+	890809	675	0.1+	2.0+	920502	675	0.1-	0.4+
890702	675	0.2+	0.7-	890811	675	0.5-	1.1+				
890702	675	0.1-	0.6-	890811	675	0.7-	0.3-				

1989 YK8 = 1976 OT

Id. H. Kaneda (MPC 18295)

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	329.92873		(2000.0)		P				Nakano	Q
n	0.17714628	Peri.	160.11691			+0.19988242				+0.97481360
a	3.1398919	Node	121.29894			-0.91390294				+0.22188734
e	0.0788952	Incl.	6.64802			-0.35331069				-0.02246008
P	5.56	H	11.3		G	0.15				

Residuals in seconds of arc

760727	095	0.1+	0.7-	891231	399	1.6-	0.9-	920504	402	0.7+	0.6+
760801	095	(1.7-	4.7-)	891231	399	1.2+	0.7+	920504	402	0.1-	0.6-
891223	399	0.1-	0.1-	900101	511	0.7-	0.2-	920505	402	1.0-	0.6-
891223	399	1.1-	0.9+	900102	511	0.0	1.1-	920505	402	0.3+	0.2+
891223	399	2.2+	0.8+	910209	400	0.2-	0.3+				
891231	399	0.3+	1.0-	910209	400	0.1+	0.5-				

1990 OB4

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	138.03130		(2000.0)		P				Bardwell	Q
n	0.22856321	Peri.	84.02235			+0.97779572				+0.06668754
a	2.6493042	Node	272.03461			-0.14238175				+0.90700770
e	0.2466176	Incl.	11.46631			+0.15376268				+0.41580019
P	4.31	H	14.0		G	0.15				

Residuals in seconds of arc

900726 675	0.4-	0.3-	900729 675	0.5+	1.7-	920126 691	0.2-	0.2+
900726 675	0.2+	0.1+	901023 675	0.2+	0.1-	920128 691	0.2+	0.5-
900728 675	0.3-	0.5+	901023 675	0.2-	0.1+	920128 691	0.1+	0.1-
900728 675	0.3+	0.0	920126 691	0.0	0.2+	920128 691	0.0	0.1-
900729 675	0.4-	1.5+	920126 691	0.2-	0.3+			

1990 QK3 = 1992 EP2

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 150.95421 (2000.0)

n	0.28113263	Peri.	239.65961	+0.85515851	
a	2.3077843	Node	151.28977	+0.50508506	
e	0.1243020	Incl.	6.24910	+0.11658906	
P	3.51	H	14.5	G	0.15

Williams

Q	-0.51572249
	+0.80630916
	+0.28964782

Residuals in seconds of arc

900822 675	0.1+	0.2-	900914 675	0.1-	0.1+	920306 691	1.2-	0.6-
900822 675	0.2-	0.5+	900919 675	0.6+	0.5-	920311 691	0.2-	0.0
900828 675	0.2-	0.3+	900919 675	0.0	0.4+	920311 691	0.4-	0.6+
900828 675	0.4+	1.0-	920306 691	0.3-	0.1+	920311 691	0.3+	0.2+
900914 675	0.5-	0.3+	920306 691	1.7+	0.3-			

1990 QT9 = 1992 AQ2

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 245.37944 (2000.0)

n	0.30183617	Peri.	167.66571	+0.25791926	
a	2.2010092	Node	117.27679	-0.88872791	
e	0.1318054	Incl.	1.55338	-0.37899915	
P	3.27	H	15.5	G	0.15

Williams

Q	+0.96586600
	+0.24695549
	+0.07820391

Residuals in seconds of arc

900823 675	0.0	0.3-	900913 675	0.4-	0.5-	920102 691	0.4+	0.1-
900823 675	0.2+	1.5-	900914 809	0.1-	0.2-	920102 691	0.5+	0.3-
900826 809	0.7-	0.3+	900914 809	0.4+	0.0	920102 691	0.7+	0.4-
900826 809	0.2+	0.4+	900914 809	0.9+	0.1+	920109 691	0.5-	0.1+
900826 809	0.1+	0.1-	900915 809	0.6-	0.4-	920109 691	0.1-	0.2+
900912 809	0.1+	0.6+	900915 809	0.2-	0.2-	920109 691	0.5-	0.3+
900912 809	0.7+	1.0+	900915 809	0.3+	0.0	920110 691	0.5-	0.0
900912 809	1.4+	0.9+	900918 675	0.1-	0.0	920110 691	0.1+	0.1-
900913 675	1.1-	0.4-	900918 675	1.1-	0.3+	920110 691	0.0	0.1-

1990 RH2 = 1992 EA2

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 158.95678 (2000.0)

n	0.27634955	Peri.	39.16971	+0.91628322	
a	2.3343369	Node	344.27764	+0.33236112	
e	0.1100509	Incl.	6.62496	+0.22351989	
P	3.57	H	15.0	G	0.15

Williams

Q	-0.39930905
	+0.80157135
	+0.44501198

Residuals in seconds of arc

900914 675	0.3-	0.1+	900918 675	2.2+	1.5-	920305 691	0.3-	0.5-
900914 675	0.2+	0.8-	900919 675	1.0-	1.3+	920306 691	0.0	0.0
900916 675	0.0	1.0+	900919 675	0.8-	0.4+	920306 691	1.5+	0.3+
900916 675	0.2-	1.4+	920305 691	0.6-	0.2+	920306 691	0.6-	0.1+
900918 675	0.0	1.8-	920305 691	0.0	0.1-			

1990 TB1 = 1992 CX3 = 1992 DK4

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 245.49050

(2000.0)

P

Williams

Q

n 0.28580393 Peri. 301.32424 +0.52174565

+0.85310104

a 2.2825690 Node 0.12635 -0.72932665

+0.44622877

e 0.1428165 Incl. 7.80019 -0.44256538

+0.27036734

P 3.45 H 13.5 G 0.15

Residuals in seconds of arc

901011 400 0.7- 0.3- 901022 400 0.7- 0.6- 920209 033 1.4- 0.4+

901011 400 (4.4- 1.5-) 901022 400 1.0+ 0.7- 920227 033 0.2+ 0.1+

901011 400 1.6+ 0.9+ 901121 400 0.9- 0.9+ 920227 033 0.2+ 0.3+

901015 400 0.6- 1.2+ 901121 400 1.7+ 1.0- 920228 033 0.8- 0.0

901015 400 0.3+ 0.1+ 920208 033 1.0+ 0.6- 920229 033 0.1+ 0.4+

901015 400 1.5- 0.3- 920208 033 0.6+ 0.3-

1990 TW7 = 1979 SZ3 = 1992 HL1

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 151.23952

(2000.0)

P

Williams

Q

n 0.27297857 Peri. 25.09382 +0.48254858

-0.87364961

a 2.3535152 Node 36.14573 +0.78471956

+0.39963248

e 0.2243750 Incl. 6.06449 +0.38905279

+0.27754320

P 3.61 H 15.5 G 0.15

Residuals in seconds of arc

790924 095 0.2- 0.4+ 901111 675 0.8- 1.5+ 920502 691 1.0+ 0.2+

901013 033 0.3- 0.2+ 901111 675 0.2+ 0.4- 920502 691 0.5+ 0.7+

901013 033 0.4+ 0.5+ 920425 691 0.1- 0.4- 920502 691 0.2+ 0.8+

901014 033 0.1- 0.1+ 920425 691 0.5- 0.8+

901018 033 0.0 0.8- 920425 691 0.0 0.1-

1990 TR12 = 1985 YP1

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 197.03549

(2000.0)

P

Nakano

Q

n 0.19044473 Peri. 82.40967 +0.78740842

+0.59957446

a 2.9919667 Node 240.63886 -0.61024792

+0.72537706

e 0.0993709 Incl. 9.45509 -0.08709453

+0.33813989

P 5.18 H 12.4 G 0.15

Residuals in seconds of arc

851217 010 1.4- 0.0 901015 033 0.1+ 0.4+ 901113 675 0.1- 0.1+

851217 010 0.7+ 1.7+ 901015 033 0.1+ 0.3+ 901113 675 0.1- 0.0

851219 010 0.7+ 1.7- 901018 033 0.8+ 0.2-

901014 033 0.4- 0.8- 901018 033 0.5- 0.2+

1990 VR8 = 1992 JO

Epoch 1992 June 27.0 TT = JDT 2448800.5

M 59.37718

(2000.0)

P

Kaneda

Q

n 0.31249186 Peri. 87.48315 -0.99328977

-0.09458690

a 2.1506855 Node 87.08370 +0.06028721

-0.91452865

e 0.0951384 Incl. 3.82074 +0.09869589

-0.39330735

P 3.15 H 14.3 G 0.15

Residuals in seconds of arc

901111 809 0.0 0.8- 901112 809 2.4+ 0.8- 920427 399 1.5- 0.9-

901111 809 0.5- 0.4- 901117 809 0.6- 0.9+ 920502 399 1.8+ 0.1+

901111 809 0.2- 0.4- 901117 809 0.4+ 0.1- 920502 399 0.6+ 0.6+

901112 809 1.6- 1.0+ 901117 809 1.6- 0.4+

901112 809 1.7+ 0.1+ 920427 399 0.9- 0.1+

1990 WB2 = 1977 EQ = 1978 NG7

Id. H. Kaneda (MPC 18435)

910911 675	0.7+	0.4+	910916 675	0.1+	0.6+	910917 675	0.8+	0.2+
910911 675	0.3-	1.0+	910916 675	0.3+	0.1-	910917 675	0.2-	0.1+
910916 675	0.3-	0.5-	910916 675	0.8+	0.8+			

1991 PA12 = 1970 JN = 1980 WZ1 = 1987 SK19

Epoch 1992 June 27.0 TT = JDT 2448800.5

Ichikawa

M 160.15384		(2000.0)		P	Q
n 0.24238435	Peri.	329.13634	-0.65107464		+0.75174802
a 2.5476103	Node	260.02422	-0.67287184		-0.63552811
e 0.2284303	Incl.	6.10658	-0.35120550		-0.17600835
P 4.07	H 11.9		G 0.15		

Residuals in seconds of arc

700503 805	0.4-	0.8+	870923 095	1.1-	0.8+	910808 675	0.4+	1.3-
700503 805	0.2+	1.2+	870923 095	(1.4+	4.9-)	910912 675	0.8+	0.2+
700503 805	0.6+	0.6+	910807 675	0.1+	0.2+	910912 675	0.8+	0.2-
801130 095	0.2-	2.7+	910807 675	0.5-	1.1+			
870917 095	0.4+	2.1+	910808 675	1.4-	1.7-			

1991 PR12 = 1979 MS = 1980 TU8

Epoch 1992 June 27.0 TT = JDT 2448800.5

Nakano

M 62.31111		(2000.0)		P	Q
n 0.17207754	Peri.	79.52194	+0.75955257		+0.65041714
a 3.2012524	Node	239.90471	-0.59950479		+0.69638584
e 0.1501662	Incl.	0.40524	-0.25233688		+0.30332213
P 5.73	H 13.1		G 0.15		

Residuals in seconds of arc

790622 805	(8.1-	2.7+)	801013 095	0.8-	2.1+	910808 675	0.3-	0.7-
790622 805	0.4+	0.8+	910805 675	0.6+	0.1-	910912 675	0.6+	0.8+
790625 805	0.4-	1.1+	910808 675	0.2-	0.5-	910912 675	0.3+	1.7-

1991 PZ12 = 1984 WH1 = 1984 YF3

Epoch 1992 June 27.0 TT = JDT 2448800.5

Nakano

M 24.44034		(2000.0)		P	Q
n 0.25984047	Peri.	79.97466	+0.73482947		-0.67566826
a 2.4321939	Node	322.49246	+0.57801476		+0.66946864
e 0.1298846	Incl.	5.57442	+0.35485854		+0.30868130
P 3.79	H 14.3		G 0.15		

Residuals in seconds of arc

841120 010	1.0+	1.2+	841227 095	0.8-	1.3-	910808 675	0.0	0.4+
841120 010	1.5+	0.9+	910805 675	0.7-	0.0	910912 675	0.3+	0.7-
841122 010	1.5-	0.8-	910808 675	0.6+	0.3+	910912 675	0.2-	0.1-

1991 RD4 = 1990 EZ3 = 1990 GC1

Epoch 1992 June 27.0 TT = JDT 2448800.5

Ichikawa

M 140.12016		(2000.0)		P	Q
n 0.26609159	Peri.	64.42500	+0.14845685		+0.98799972
a 2.3939512	Node	214.19712	-0.93235484		+0.12546603
e 0.2039929	Incl.	4.34974	-0.32965895		+0.09008239
P 3.70	H 14.8		G 0.15		

Residuals in seconds of arc

900302 809	0.3+	2.0+	900404 809	0.6-	0.3-	911002 033	0.5-	0.1-
900302 809	0.3+	1.3+	900404 809	(4.2-	0.7+)	911002 033	0.3-	0.4-
900302 809	1.6-	1.1+	910912 033	0.5+	0.4+	911003 033	0.2-	0.7-
900304 809	0.9+	0.9-	910912 033	0.3+	0.7+	911004 033	0.9-	0.6-
900304 809	0.5+	0.5-	910914 033	0.1-	0.6+	911009 033	0.1+	0.1+
900304 809	0.1+	2.2-	910915 033	0.6-	0.3-	911009 033	0.6+	0.1+
900404 809	0.1+	0.7-	910915 033	1.4+	0.3-			

1991 RY16 = 1982 XP1

Epoch 1992 June 27.0 TT = JDT 2448800.5

Ichikawa

M	185.58261		(2000.0)		P		Q	
n	0.20498335	Peri.	163.77943	-0.68423632			+0.72053090	
a	2.8487674	Node	62.88815	-0.68234196			-0.57811226	
e	0.0710387	Incl.	7.26079	-0.25735211			-0.38291178	
P	4.81	H	12.4	G	0.15			

Residuals in seconds of arc

821213	381	0.4-	0.3-	821214	381	0.5+	0.3-	910915	675	0.5-	0.4-
821213	381	0.6+	0.8+	910912	675	0.1-	1.7+	910917	675	0.4-	0.8-
821214	381	0.6-	0.1-	910915	675	1.0+	0.6-	910917	675	0.1-	0.1+

1991 RB25 = 1979 YV1 = 1983 YS

Epoch 1992 June 27.0 TT = JDT 2448800.5

Ichikawa

M	99.62259		(2000.0)		P		Q	
n	0.23915100	Peri.	273.35639	+0.89023022			+0.43001730	
a	2.5705216	Node	61.22315	-0.31923934			+0.82427844	
e	0.0839833	Incl.	9.87045	-0.32492521			+0.36830719	
P	4.12	H	13.1	G	0.15			

Residuals in seconds of arc

791223	095	0.1-	0.1+	910911	675	0.3-	0.6+	910913	675	0.1-	0.4+
831228	033	0.0	0.0	910911	675	0.1-	0.5+	910916	675	0.2+	0.2-
831229	033	0.1+	0.0	910912	675	0.3+	0.8-	910916	675	0.4+	0.3-
831229	033	0.0	0.1-	910912	675	0.5-	0.3-				

1991 VX3

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	17.13554		(2000.0)		P		Q	
n	0.29207875	Peri.	61.50479	-0.42106684			-0.90666163	
a	2.2497594	Node	53.42025	+0.82053233			-0.39289668	
e	0.0760547	Incl.	1.84358	+0.38656100			-0.15361279	
P	3.37	H	13.5	G	0.15			

From 18 observations 1991 Nov. 11-1992 Feb. 24, mean residual 0".83.

1991 VP4 = 1980 WZ4

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	42.75880		(2000.0)		P		Q	
n	0.17945862	Peri.	306.97801	+0.51806052			-0.84838422	
a	3.1128618	Node	111.47701	+0.81724657			+0.45338687	
e	0.1553418	Incl.	6.72000	+0.25243087			+0.27328476	
P	5.49	H	13.5	G	0.15			

Residuals in seconds of arc

801129	675	0.5+	0.3+	911113	894	0.6+	0.6+	911203	691	0.2-	0.2+
801201	675	0.5-	0.3-	911114	894	0.0	0.4-	911203	691	0.1+	0.0
911113	894	0.3-	0.3+	911114	894	0.5-	0.6-	911203	691	0.2+	0.1-

1992 AX = 1987 BH2

Id. E. Bowell (1951, 1955 obs.), G. V. Williams

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	348.29237		(2000.0)		P		Q	
n	0.39549853	Peri.	108.47187	-0.67288955			+0.71889406	
a	1.8381155	Node	117.94725	-0.73107943			-0.61029300	
e	0.2774438	Incl.	11.38551	-0.11288275			-0.33276686	
P	2.49	H	14.0	G	0.15			

Residuals in seconds of arc

511128	675	0.7+	0.5-	870121	046	0.5+	0.5-	920106	400	(3.5+	6.0+)
511128	675	0.8-	0.2-	870121	046	0.3-	1.1+	920106	400	(2.7+	4.3+)
550724	675	0.0	0.3-	920104	399	1.3-	0.2+	920114	399	0.2-	1.5-
550724	675	0.0	0.2+	920104	399	(3.4-	1.1+)	920114	399	0.1+	0.5+

920124 399	0.5+	0.4-	920202 399	(2.6-	0.1-)	920301 801	0.0	0.3-
920124 399	0.4-	0.1+	920204 675	0.4-	1.2+	920304 801	0.4+	0.4-
920125 399	(2.2+	3.0-)	920205 675	1.4+	0.8-	920304 801	0.4+	0.2-
920125 399	0.1-	0.8+	920205 675	0.4+	0.1-	920401 801	0.2-	0.3-
920202 399	0.8-	1.2+	920301 801	0.4+	0.1-	920401 801	0.3-	0.2-

1992 AB1 = 1983 RV7 = 1987 UK4

Id. T. Urata, K. Ishikawa, B. G. Marsden

Epoch 1992 June 27.0 TT = JDT 2448800.5

Marsden

M	55.11336		(2000.0)		P		Q
n	0.27756197	Peri.	214.09741	-0.28168422			-0.95456745
a	2.3275342	Node	252.42984	+0.90151044			-0.22859702
e	0.0688994	Incl.	5.85406	+0.32853147			-0.19116584
P	3.55	H	13.5	G	0.15		

Residuals in seconds of arc

830911 095	0.1-	0.3+	920124 385	0.8-	1.4-	920206 809	1.4+	0.5-
871028 399	1.3+	0.7+	920125 385	(2.6-	1.4+)	920206 809	0.9+	0.4-
871028 399	0.7-	1.1-	920130 809	2.1+	1.0-	920206 809	0.1+	0.4-
871028 399	0.6-	0.3+	920130 809	1.5+	0.5-	920209 385	(2.1-	2.9+)
920110 889	(0.4-	3.2+)	920130 809	1.1+	0.5-	920209 385	(2.7-	1.3+)
920110 889	1.6-	0.5+	920202 809	0.7+	0.4+	920212 809	0.4-	0.9+
920114 889	(3.5-	0.5+)	920202 809	1.0+	0.7+	920212 809	1.8-	0.8+
920114 889	1.9-	0.7+	920202 809	0.4-	0.5+	920212 809	1.9-	0.4+
920124 385	(2.6-	1.1+)	920202 385	(2.5-	3.6+)			

1992 BX1 = 1981 CP

Epoch 1992 June 27.0 TT = JDT 2448800.5

Marsden

M	271.96970		(2000.0)		P		Q
n	0.17489084	Peri.	111.27864	-0.38050875			+0.89757351
a	3.1668295	Node	134.29035	-0.92100975			-0.34609996
e	0.1608283	Incl.	18.12264	-0.08339143			-0.27308720
P	5.64	H	12.0	G	0.15		

Residuals in seconds of arc

810205 688	0.7+	0.7-	920130 809	0.3-	0.5-	920206 809	0.3-	0.6-
810208 688	0.4+	0.5-	920202 809	0.4+	1.1+	920206 809	1.0-	0.7-
810208 688	1.1-	1.2+	920202 809	0.3+	0.8+	920211 809	1.0+	0.3-
920130 809	0.3+	0.3-	920202 809	0.6-	0.2+	920211 809	0.3+	0.0
920130 809	0.4+	0.0	920206 809	0.5-	0.3+			

1992 BL2

Epoch 1992 Jan. 19.0 TT = JDT 2448640.5

Marsden

M	146.66668		(2000.0)		P		Q
n	0.45207780	Peri.	23.38432	+0.70995799			+0.46334236
a	1.6813595	Node	297.88804	-0.70279672			+0.41788560
e	0.2299796	Incl.	36.87268	-0.04512683			+0.78146368
P	2.18	H	15.0	G	0.15		

From 11 observations 1992 Jan. 30-Feb. 11.

1992 BF4 = 1978 EM10

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	33.64250		(2000.0)		P		Q
n	0.20268529	Peri.	79.08463	-0.47375451			-0.88027019
a	2.8702600	Node	39.22807	+0.79101347			-0.43836948
e	0.0233016	Incl.	2.36505	+0.38711027			-0.18153951
P	4.86	H	14.5	G	0.15		

Residuals in seconds of arc

780315	675	0.9-	0.5+	920129	691	0.2-	0.1-	920209	691	0.1-	0.7-
780316	675	0.9+	0.5-	920130	691	0.0	0.1+	920209	691	1.0-	0.1+
920129	691	0.3+	0.3-	920130	691	0.1+	0.0	920209	691	1.2+	0.4+
920129	691	0.6+	0.0	920130	691	0.9-	0.5+				

1992 CD = 1970 JP = 1973 YH1 = 1975 EH6 = 1980 BP3 = 1990 VZ13

Id. G. V. Williams; 1981 EU22 = 1973 YH1 (JAM 1901) is invalid

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	34.15290		(2000.0)			P		Q			
n	0.17340125	Peri.	165.80831			-0.79478715		-0.60666638			
a	3.1849399	Node	336.81892			+0.55266470		-0.71233891			
e	0.0789199	Incl.	2.38921			+0.25074909		-0.35288693			
P	5.68	H	12.0			G	0.15				

Residuals in seconds of arc

700508	805	0.3-	0.3-	901120	095	1.4-	0.1+	920225	691	0.6-	0.3-
731220	095	1.8+	1.1-	901120	095	0.6+	0.4+	920225	691	0.1-	0.4-
750308	095	1.1-	1.0-	920204	877	1.7+	0.5+	920306	691	0.7-	0.5+
750315	095	(4.0-	2.2+)	920204	877	0.1-	1.0+	920306	691	1.2+	0.6+
800122	095	0.9-	0.9+	920208	877	0.1+	1.1-	920306	691	0.2-	0.2-
901114	095	(2.8+	2.1+)	920208	877	0.5+	0.3+				
901114	095	0.1-	0.5-	920225	691	0.2-	0.4-				

1992 CQ2 = 1990 VU

Epoch 1992 June 27.0 TT = JDT 2448800.5

Nakano

M	175.56148		(2000.0)			P		Q			
n	0.18302398	Peri.	170.52204			+0.85255363		+0.51832200			
a	3.0723030	Node	157.86013			-0.49041097		+0.83772008			
e	0.0864551	Incl.	10.24699			-0.18069144		+0.17195164			
P	5.39	H	13.4			G	0.15				

Residuals in seconds of arc

901108	413	1.5+	0.7+	920130	809	1.6-	0.5-	920206	809	0.0	0.3-
901109	413	1.8-	1.5-	920202	809	1.1+	1.2+	920206	809	0.7-	0.4-
901109	413	0.3+	0.7+	920202	809	0.3-	1.9+	920212	809	0.9+	0.2-
920130	809	0.8+	1.2-	920202	809	0.1+	0.5+	920212	809	0.1+	0.3-
920130	809	0.4+	0.8-	920206	809	0.5-	0.2-	920212	809	0.4-	0.2+

1992 CT2 = 1990 SA13

Epoch 1992 June 27.0 TT = JDT 2448800.5

Marsden

M	72.29199		(2000.0)			P		Q			
n	0.18472191	Peri.	195.73123			+0.40743286		-0.91208606			
a	3.0534474	Node	230.24832			+0.84417024		+0.39527766			
e	0.1289910	Incl.	3.41509			+0.34838925		+0.10887877			
P	5.34	H	13.5			G	0.15				

Residuals in seconds of arc

900921	809	0.0	0.1+	920130	809	0.2-	0.7-	920206	809	0.1+	0.1-
900921	809	0.2+	0.2+	920130	809	0.0	0.9-	920206	809	0.2-	1.0+
900921	809	0.2+	0.2+	920130	809	0.6-	0.3-	920206	809	0.5-	0.0
900922	809	0.4-	0.1-	920202	809	1.4+	0.5+	920212	809	0.8+	0.2-
900922	809	0.3-	0.2-	920202	809	0.1+	0.5+	920212	809	0.1-	0.6-
900922	809	0.3+	0.2-	920202	809	0.1-	1.1+	920212	809	0.7-	0.3-

1992 DZ2 = 1981 JX4 = 1988 FK1

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	71.91482		(2000.0)			P		Q			
n	0.25685085	Peri.	57.99897			-0.36278729		-0.93170006			
a	2.4510305	Node	53.28292			+0.84726701		-0.33778568			
e	0.0840000	Incl.	1.27947			+0.38797421		-0.13355082			
P	3.84	H	14.5			G	0.15				

Residuals in seconds of arc

810508	675	0.4-	0.4+	920209	691	0.1+	0.2+	920229	691	0.0	0.1+
810509	675	0.5+	0.2-	920209	691	0.0	0.1-	920229	691	0.1+	0.0
880317	033	0.1-	0.8+	920224	691	0.2-	0.5-	920229	691	0.0	0.1-
880317	033	0.4+	0.0	920224	691	0.2-	0.4-				
920209	691	0.0	0.4+	920224	691	0.1-	0.4-				

1992 DL4 = 1980 TL7

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	147.81113		(2000.0)			P		Q			
n	0.28821226	Peri.	6.66069	+0.96216028				-0.27185618			
a	2.2698357	Node	9.17765	+0.24434664				+0.83078847			
e	0.1752605	Incl.	6.65647	+0.12059151				+0.48567967			
P	3.42	H	15.0	G	0.15						

Residuals in seconds of arc

801010	095	0.7-	0.6+	920208	033	0.5+	0.4-	920227	033	0.3+	0.3+
801015	095	0.7+	0.7-	920208	033	0.3-	0.8-	920228	033	0.9-	0.6+
920103	033	0.6+	0.4+	920209	033	0.2-	0.9-	920229	033	0.1-	0.2+
920103	033	0.1-	0.7+	920227	033	0.2+	0.0				

1992 EU

Epoch 1992 Mar. 19.0 TT = JDT 2448700.5

Bardwell

M	50.50235		(2000.0)			P		Q			
n	0.21004127	Peri.	81.67744	+0.12455897				-0.99214792			
a	2.8028485	Node	1.33423	+0.60583776				+0.06703521			
e	0.3798408	Incl.	29.01615	+0.78577711				+0.10558777			
P	4.69	H	12.5	G	0.15						

From 10 observations 1992 Mar. 7-Apr. 29.

1992 EC1

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	36.76002		(2000.0)			P		Q			
n	0.23861331	Peri.	319.07055	-0.85423673				-0.51308456			
a	2.5743817	Node	191.03007	+0.51188334				-0.85826253			
e	0.2680866	Incl.	25.97915	-0.09085732				-0.01138727			
P	4.13	H	15.0	G	0.15						

From 7 observations 1992 Feb. 11-Apr. 22, mean residual 0".75.

1992 FE

Epoch 1992 Apr. 8.0 TT = JDT 2448720.5

Bardwell

M	122.25283		(2000.0)			P		Q			
n	1.10425244	Peri.	82.22100	+0.82180270				-0.56641047			
a	0.9270229	Node	312.25498	+0.48430777				+0.75155166			
e	0.4051318	Incl.	4.78968	+0.30014381				+0.33815571			
P	0.89	H	17.0	G	0.15						

From 17 observations 1992 Mar. 26-May 4.

1992 FR = 1949 KK = 1966 FO = 1966 FS = 1970 CH = 1976 SN2 = 1979 HV1
 = 1979 HT2 = 1985 UW2 = 1989 SO9

Epoch 1992 June 27.0 TT = JDT 2448800.5

Nakano

M	354.70619		(2000.0)			P		Q			
n	0.22749637	Peri.	42.22957	-0.71546781				+0.69860324			
a	2.6575803	Node	182.13326	-0.68348568				-0.70218437			
e	0.1774801	Incl.	11.94158	-0.14475199				-0.13744317			
P	4.33	H	12.3	G	0.15						

Residuals in seconds of arc

490529	760	0.1-	1.1+	660326	330	(4.1-	4.1+)	700210	805	1.4+	0.4+
490529	760	0.9+	1.0+	700210	805	1.2-	1.9+	760924	095	2.1-	0.6+
660316	330	0.0	0.1-	700210	805	1.1+	0.2-	790420	095	1.0-	1.7+

790425	095	1.6-	1.2-	890929	809	0.4+	0.8-	920324	400	0.7+	0.1+
851017	010	(11.1-	2.3-)	890930	809	1.1-	0.8-	920324	400	0.9-	1.6-
851018	010	(8.1-	2.3-)	890930	809	0.8-	0.9-	920326	399	0.0	0.5+
890925	809	0.3+	0.8-	890930	809	0.7-	0.7-	920326	399	0.4-	0.3+
890925	809	0.4+	0.8-	891001	809	1.2+	2.0+	920328	400	0.8+	0.7-
890925	809	0.6+	0.7-	891001	809	1.3+	2.0+	920328	400	0.6-	0.6-
890929	809	0.2+	0.7-	920323	400	0.7+	1.5-	920419	400	0.2+	1.3-
890929	809	0.2+	0.7-	920323	400	0.1+	0.5+	920419	400	(3.3+	3.7+)

1992 FB1 = 1980 PH4

Epoch 1992 June 27.0 TT = JDT 2448800.5

Ichikawa

M	51.37297		(2000.0)			P		Q			
n	0.22228600	Peri.	346.63301	-0.84677922				-0.52617966			
a	2.6989488	Node	160.99417	+0.50744569				-0.84307092			
e	0.1034281	Incl.	13.87612	+0.15957386				-0.11120425			
P	4.43	H	12.1	G	0.15						

Residuals in seconds of arc

800804	675	0.4-	0.5-	920323	400	0.9+	0.5-	920407	400	0.4-	0.2+
800805	675	0.4+	0.5+	920324	400	1.1+	1.0-	920407	400	0.1+	0.0
920323	400	1.7-	1.3+	920324	400	(1.3-	3.1-)				

1992 FY1 = 1976 YA7 = 1978 JC2 = 1985 HL1 = 1990 TV14

Epoch 1992 June 27.0 TT = JDT 2448800.5

Ichikawa

M	67.08614		(2000.0)			P		Q			
n	0.27470478	Peri.	83.10400	-0.67265593				-0.73064155			
a	2.3436454	Node	49.86492	+0.60397194				-0.63350530			
e	0.0739115	Incl.	8.80546	+0.42749491				-0.25462514			
P	3.59	H	13.1	G	0.15						

Residuals in seconds of arc

761220	095	0.2-	0.7+	901012	413	0.5-	0.3-	920403	399	0.4-	1.1-
780506	095	1.8-	0.5+	901012	413	0.7+	0.4+	920403	399	0.5+	0.1+
850423	688	2.0+	0.2+	920326	399	0.4+	0.1+	920407	399	0.7-	0.2-
850423	688	1.8+	0.0	920326	399	0.9-	0.1+	920407	399	1.1-	0.4+

1992 GH = 1985 SO = 1990 SC17

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	238.84053		(2000.0)			P		Q			
n	0.38802492	Peri.	7.40673	+0.99895406				+0.00214175			
a	1.8616426	Node	352.03079	-0.03243943				+0.73718313			
e	0.0763149	Incl.	19.23524	+0.03222528				+0.67568961			
P	2.54	H	14.5	G	0.15						

Residuals in seconds of arc

850918	046	1.4+	0.0	900916	675	0.1-	0.9+	920412	413	0.7-	0.4+
850918	046	0.0	0.4+	900916	675	0.2+	1.0+	920422	413	0.1+	0.5+
850919	046	0.6-	0.9-	920409	413	1.0+	0.8-	920422	413	0.0	0.5+
850919	046	0.4-	0.1+	920409	413	1.7+	1.0-	920430	413	0.7-	0.2-
900914	675	0.2-	0.5-	920410	413	0.7-	0.2+	920508	413	0.2+	0.2-
900914	675	0.1-	1.2-	920411	413	1.0-	0.5+				

1992 GZ = 1951 NH = 1955 KM = 1964 TU = 1975 BB1 = 1981 UE2 = 1982 YC5
= 1989 VD5

Id. S. Nakano, 1969 LA = 1975 BB1 (NOC 1067) is invalid

Epoch 1992 June 27.0 TT = JDT 2448800.5

Nakano

M	358.86791		(2000.0)			P		Q			
n	0.23824219	Peri.	250.42051	-0.41021560				+0.91198318			
a	2.5770545	Node	355.35751	-0.82153557				-0.37102096			
e	0.2410385	Incl.	2.22136	-0.39598292				-0.17501466			
P	4.14	H	12.8	G	0.15						

Residuals in seconds of arc

510710	078	(26.0+	1.3+)Y	891104	675	0.6+	1.9-	920426	675	0.0	1.1-
550526	076	0.6+	2.8-	891104	675	(1.2+	4.1-)	920429	675	0.8-	1.7+
641008	330	2.2-	0.4+	920403	675	0.0	0.8-	920503	374	0.2+	2.2+
750118	095	2.8-	0.3+	920403	675	0.5+	2.0-	920503	374	1.3+	0.8+
811030	381	1.1+	0.8-	920405	675	2.6-	0.8-	920503	374	1.0+	0.6+
811030	381	1.0+	1.2-	920405	675	0.1+	1.1-				
821224	095	2.7+	0.3-	920424	675	0.2+	0.1+				

1992 GA1 = 1975 SR1

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	2.29767		(2000.0)			P		Williams		Q
n	0.27241563	Peri.	28.70995			-0.69720616		+0.70532853		
a	2.3567564	Node	198.13674			-0.71085280		-0.70333130		
e	0.2074515	Incl.	24.30471			-0.09269230		+0.08852540		
P	3.62	H	14.5			G	0.15			

Residuals in seconds of arc

750930	675	0.4+	0.1-	920403	675	0.0	0.2+	920426	675	0.1-	0.5+
751001	675	0.7-	0.4-	920403	675	0.0	0.9-	920429	675	0.3+	0.3-
751002	675	0.3+	0.5+	920424	675	0.4-	0.1+				
920402	675	0.1+	0.6+	920426	675	0.1+	0.3-				

1992 HD = A905 FA = 1973 YU3 = 1976 SN9 = 1979 HR4

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	25.94680		(2000.0)			P		Nakano		Q
n	0.22706865	Peri.	82.13822			-0.92155688		+0.38490898		
a	2.6609166	Node	120.48716			-0.37537489		-0.84996776		
e	0.1481202	Incl.	3.37783			-0.09912923		-0.35972196		
P	4.34	H	12.6			G	0.15			

Residuals in seconds of arc

050326	024	0.9-	2.9-	920422	896	0.4-	0.1+	920503	896	1.3+	1.8- Y
731226	095	0.6-	1.3-	920422	896	0.3-	0.2-	920503	896	0.3-	0.1+ Y
760929	095	2.4+	5.7-	920425	896	1.1-	0.5+	920505	896	2.8+	2.6-
790425	095	0.5-	0.6+	920425	896	2.3-	0.2-				
790430	095	0.4-	0.6+	920427	896	0.4+	0.9+				

1992 HE

Epoch 1992 Apr. 28.0 TT = JDT 2448740.5

M	343.64937		(2000.0)			P		Williams		Q
n	0.30027644	Peri.	262.90171			+0.25219635		+0.92724141		
a	2.2086245	Node	27.25586			-0.45813039		+0.36637050		
e	0.5661833	Incl.	37.18723			-0.85235764		+0.07743397		
P	3.28	H	14.0			G	0.15			

From 17 observations 1992 Apr. 25-May 9.

1992 HF

Epoch 1992 Apr. 28.0 TT = JDT 2448740.5

M	302.82690		(2000.0)			P		Marsden		Q
n	0.60193338	Peri.	128.01848			+0.93758109		+0.32369895		
a	1.3892181	Node	213.64516			-0.34448455		+0.91456120		
e	0.5611986	Incl.	13.26452			+0.04766645		+0.24248051		
P	1.64	H	20.0			G	0.15			

From 19 observations 1992 Apr. 24-June 2.

1992 HH = 1979 DG = 1988 LN

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	19.87052		(2000.0)			P			Nakano	Q				
n	0.23443926	Peri.	115.89634	-0.80973526									+0.54927043	
a	2.6048486	Node	98.07496	-0.58474220									-0.72589253	
e	0.1205411	Incl.	12.03680	-0.04904460									-0.41398313	
P	4.20	H	12.7	G	0.15									

Residuals in seconds of arc

790228	688	0.4+	1.1-	880617	675	0.4-	0.9+	920505	896	1.0+	0.9-			
790304	688	0.9-	0.2-	920430	896	0.1-	0.7+	920505	896	1.4+	1.0+			
880519	675	0.4+	2.8-	920430	896	0.7+	0.8+	920511	896	2.2-	0.1+	Y		
880519	675	0.7-	0.6-	920503	896	0.5+	1.0+							
880615	675	(61.9+	37.3+)	920503	896	(4.7-	2.6+)							

1992 HJ = 1968 HK

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	359.16386		(2000.0)			P			Nakano	Q				
n	0.28948790	Peri.	128.45757	-0.40107796									+0.91308649	
a	2.2631627	Node	117.74682	-0.86421661									-0.35054075	
e	0.1194731	Incl.	4.76709	-0.30375340									-0.20831285	
P	3.40	H	12.9	G	0.15									

Residuals in seconds of arc

680422	095	0.3-	0.7-	920430	896	1.2-	1.7-	920505	896	0.1+	0.8+			
680426	095	0.4+	0.9+	920503	896	1.9+	0.4+	920505	896	0.3-	1.8+			
920430	896	1.0-	0.7-	920503	896	0.3+	0.7-							

1992 HK = 1976 UH13 = 1979 HS4 = 1983 EF4 = 1983 FX

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	5.15750		(2000.0)			P			Kaneda	Q				
n	0.22750342	Peri.	90.31051	-0.57709696									+0.81613620	
a	2.6575254	Node	144.38976	-0.76809901									-0.53006587	
e	0.1476929	Incl.	2.92164	-0.27745813									-0.23011275	
P	4.33	H	13.6	G	0.15									

Residuals in seconds of arc

761022	381	0.5+	0.1+	830315	095	0.1+	0.1+	920502	399	0.7-	0.7-			
761022	381	0.2-	0.4-	830320	095	0.2-	0.3-	920520	399	0.2-	1.4+			
761024	381	0.1+	0.8-	920427	399	0.7-	0.1-	920520	399	0.4+	0.4+			
790425	095	0.6+	0.7+	920427	399	0.8-	0.8-							
790430	095	0.6-	0.8-	920502	399	1.7+	0.8-							

1992 JB

Epoch 1992 Apr. 28.0 TT = JDT 2448740.5

M	25.80320		(2000.0)			P			Williams	Q				
n	0.50736752	Peri.	306.71823	-0.94758444									-0.26897234	
a	1.5568769	Node	218.54248	+0.29920319									-0.93635181	
e	0.3601170	Incl.	16.06676	-0.11207668									-0.22560843	
P	1.94	H	17.0	G	0.15									

From 20 observations 1992 Apr. 26-June 2.

1992 JD

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	122.25150		(2000.0)			P			Marsden	Q				
n	0.93697240	Peri.	285.97080	-0.83582914									-0.52555686	
a	1.0343119	Node	222.67185	+0.54894080									-0.80393801	
e	0.0317247	Incl.	13.53930	-0.00732423									-0.27834092	
P	1.05	H	25.0	G	0.15									

From 24 observations 1992 May 3-9, mean residual 0".84.

1992 JE

Epoch 1992 Apr. 28.0 TT = JDT 2448740.5

M	325.84759	(2000.0)		P		Williams		Q	
n	0.30498080	Peri.	109.47123		+0.54960689		+0.83506180		
a	2.1858535	Node	193.95008		-0.79963006		+0.51731235		
e	0.4619511	Incl.	5.85149		-0.24191742		+0.18724244		
P	3.23	H	16.0	G	0.15				

From 18 observations 1992 May 2-30.

1992 JF = 1971 FH1 = 1985 GF1 = 1989 RT2

Id. K. Ichikawa, S. Nakano

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	330.21334	(2000.0)		P		Nakano		Q	
n	0.28365558	Peri.	235.25175		+0.36641781		+0.92795406		
a	2.2940797	Node	56.38436		-0.82470985		+0.35779862		
e	0.2157713	Incl.	4.69145		-0.43080350		+0.10431403		
P	3.47	H	14.0	G	0.15				

Residuals in seconds of arc

710319	095	0.9-	0.9+	890909	046	0.8-	0.4+	920510	372	0.4-	1.1+
850415	688	1.7+	1.4-	920502	372	2.1+	0.7-	920510	372	0.6+	0.2-
850415	688	0.5+	0.5-	920502	372	0.9+	0.6+	920522	372	1.7-	0.3+
890907	046	0.8-	0.8+	920503	372	1.4-	0.7-	920522	372	0.3+	0.6-
890908	046	0.5+	0.6-	920503	372	0.3-	0.3+				
890908	046	1.0+	0.5-	920504	372	1.4-	1.1+				

1992 JG

Epoch 1992 Apr. 28.0 TT = JDT 2448740.5

M	323.74104	(2000.0)		P		Marsden		Q	
n	0.28914458	Peri.	239.35352		+0.47089636		+0.87824764		
a	2.2649538	Node	58.96596		-0.77248096		+0.45609385		
e	0.4244486	Incl.	5.57836		-0.42606312		+0.14373410		
P	3.41	H	17.0	G	0.15				

From 20 observations 1992 May 2-June 1.

1992 KD

Epoch 1992 May 18.0 TT = JDT 2448760.5

M	358.61747	(2000.0)		P		Williams		Q	
n	0.27555347	Peri.	355.32245		-0.52817834		+0.73337284		
a	2.3388307	Node	242.18527		-0.76252553		-0.63142230		
e	0.4331712	Incl.	28.94180		-0.37360736		+0.25193286		
P	3.58	H	16.0	G	0.15				

From 19 observations 1992 May 27-June 4.

6571 P-L = 1976 YZ2 = 1981 WH8 = 1986 VL8 = 1988 GZ1 = 1991 RK27

Epoch 1992 June 27.0 TT = JDT 2448800.5

M	1.40570	(2000.0)		P		Williams		Q	
n	0.19181289	Peri.	337.46095		-0.10319410		-0.99350606		
a	2.9777223	Node	118.43332		+0.92069199		-0.11364167		
e	0.2427111	Incl.	3.12403		+0.37640037		+0.00559246		
P	5.14	H	13.5	G	0.15				

Residuals in seconds of arc

600924	675	0.1+	0.0	601022	675	2.1-	0.1-	861104	675	1.2+	0.4+
600926	675	0.0	0.7+	601024	675	0.1+	0.2+	861104	675	1.9+	0.4+
600927	675	0.5+	0.9+	601026	675	0.1+	0.2-	880409	054	1.0+	0.6+
600928	675	0.7+	0.4+	761216	095	1.6-	1.7+	910915	675	1.1-	1.1-
601017	675	0.0	0.7+	811125	095	0.4+	1.5-	910915	675	1.1-	0.8-

6742 P-L = 1991 YR1

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	76.32908		(2000.0)		P		Q
n	0.29076201	Peri.	344.26357	+0.28124199			-0.95872492
a	2.2565464	Node	89.38791	+0.88490070			+0.24222900
e	0.1515674	Incl.	2.39732	+0.37128654			+0.14890142
P	3.39	H	16.5	G	0.15		

Residuals in seconds of arc

600924	675	0.7-	1.0-	601022	675	0.7-	0.3+	920101	691	0.1-	0.1-
600926	675	0.1+	0.0	601026	675	0.4+	0.1+	920101	691	0.0	0.0
600927	675	1.0+	0.4+	911228	691	0.1+	0.0	920101	691	0.2-	0.2-
600928	675	0.8+	0.7-	911228	691	0.2+	0.1-				
601017	675	1.0-	1.0+	911228	691	0.0	0.3+				

3101 T-3 = 1991 RT27

Epoch 1992 June 27.0 TT = JDT 2448800.5

Bowell

M	122.92748		(2000.0)		P		Q
n	0.28231013	Peri.	284.92921	+0.80892704			+0.58029412
a	2.3013627	Node	39.72629	-0.46657021			+0.73126619
e	0.0983729	Incl.	8.48635	-0.35769998			+0.35848081
P	3.49	H	14.6	G	0.15		

Residuals in seconds of arc

771007	675	0.6+	1.0-	771017	675	1.4-	1.9+	771022	675	1.7+	0.5-
771011	675	1.0+	0.4-	771017	675	1.2-	0.8+	771022	675	0.6+	2.4-
771011	675	1.3+	0.1+	771017	675	2.1-	1.3+	771022	675	1.5+	0.2+
771012	675	0.1+	1.6-	771017	675	1.0-	0.0	910912	675	0.2-	1.1-
771012	675	0.3-	0.8-	771021	675	0.7+	1.8-	910912	675	0.5-	0.6-
771016	675	0.5+	0.6+	771021	675	1.2-	0.9+	910914	675	0.8+	0.8+
771016	675	0.9-	1.1+	771021	675	0.8+	1.6-	910914	675	0.3-	1.2+
771016	675	1.1+	0.6+	771021	675	1.2-	1.3+				
771016	675	0.4-	1.3+	771022	675	(1.5-	2.5-)				

4310 T-3 = 1991 VR7

Epoch 1992 June 27.0 TT = JDT 2448800.5

Williams

M	233.28794		(2000.0)		P		Q
n	0.28523827	Peri.	167.91744	-0.59041429			+0.80204662
a	2.2855857	Node	65.82973	-0.74848680			-0.50230676
e	0.0954833	Incl.	5.67261	-0.30195775			-0.32312402
P	3.46	H	15.0	G	0.15		

Residuals in seconds of arc

771007	675	1.4-	1.2+	771017	675	1.5-	0.2-	911103	691	0.5-	0.3-
771011	675	2.1+	0.2-	771017	675	1.4-	0.3+	911103	691	0.3-	0.2-
771011	675	0.0	1.4+	771021	675	0.5+	0.4+	911108	691	0.5+	0.9+
771012	675	0.8+	1.3-	771021	675	0.8-	2.1-	911108	691	0.1+	0.1-
771012	675	0.3+	1.4-	771022	675	0.1-	0.9-	911108	691	0.2+	0.0
771016	675	1.1+	1.0+	771022	675	0.2-	2.0+				
771016	675	0.6+	0.2-	911103	691	0.0	0.3-				

* * * * *

EPHEMERIDES.

Comet McNaught-Russell (1991v)

Elements MPC 20309

Date	TT	R.	A.	(2000)	Decl.	Delta	r	Elong.	Phase	m1
1992 06 07		05	21.45		-52 47.1	3.308	3.211	75.7	17.8	15.7
1992 06 17		05	49.17		-50 51.3	3.346	3.222	74.3	17.7	15.7
1992 06 27		06	14.17		-49 03.5	3.395	3.236	72.4	17.4	15.8
1992 07 07		06	36.67		-47 27.4	3.451	3.253	70.3	17.1	15.8
1992 07 17		06	56.91		-46 05.2	3.511	3.273	68.2	16.8	15.9

1992 07 27	07 15.10	-44 58.1	3.571	3.295	66.2	16.4	15.9
1992 08 06	07 31.38	-44 06.5	3.628	3.319	64.5	16.0	16.0
1992 08 16	07 45.88	-43 30.2	3.679	3.347	63.2	15.7	16.1
1992 08 26	07 58.66	-43 08.2	3.722	3.376	62.5	15.4	16.1
1992 09 05	08 09.74	-42 59.6	3.754	3.408	62.5	15.2	16.2
1992 09 15	08 19.09	-43 02.9	3.775	3.442	63.3	15.1	16.3
1992 09 25	08 26.65	-43 16.6	3.783	3.478	64.9	15.1	16.3
1992 10 05	08 32.30	-43 38.7	3.777	3.516	67.4	15.2	16.3
1992 10 15	08 35.88	-44 06.7	3.759	3.556	70.7	15.3	16.4
1992 10 25	08 37.23	-44 37.9	3.730	3.598	74.7	15.5	16.4
1992 11 04	08 36.14	-45 08.7	3.691	3.642	79.5	15.5	16.4
1992 11 14	08 32.46	-45 34.5	3.644	3.688	84.7	15.5	16.5
1992 11 24	08 26.12	-45 50.2	3.594	3.735	90.4	15.3	16.5
1992 12 04	08 17.20	-45 49.6	3.545	3.783	96.4	15.0	16.5
1992 12 14	08 06.03	-45 26.2	3.499	3.833	102.4	14.5	16.6
1992 12 24	07 53.21	-44 34.5	3.464	3.884	108.1	13.9	16.6
1993 01 03	07 39.58	-43 10.1	3.444	3.937	113.2	13.3	16.6
1993 01 13	07 26.14	-41 12.1	3.443	3.990	117.2	12.7	16.7
1993 01 23	07 13.79	-38 43.1	3.466	4.045	119.7	12.2	16.8
1993 02 02	07 03.22	-35 48.6	3.516	4.101	120.2	12.0	16.9
1993 02 12	06 54.87	-32 37.0	3.592	4.158	118.7	12.0	17.0
1993 02 22	06 48.86	-29 16.8	3.697	4.215	115.3	12.2	17.1
1993 03 04	06 45.14	-25 56.3	3.826	4.274	110.4	12.6	17.2
1993 03 14	06 43.52	-22 42.2	3.977	4.333	104.5	12.8	17.4
1993 03 24	06 43.74	-19 39.3	4.146	4.393	97.8	13.0	17.5
1993 04 03	06 45.55	-16 50.7	4.329	4.454	90.7	13.0	17.7
1993 04 13	06 48.68	-14 18.1	4.520	4.516	83.4	12.7	17.8
1993 04 23	06 52.90	-12 01.7	4.716	4.578	76.0	12.3	18.0
1993 05 03	06 58.00	-10 01.5	4.912	4.640	68.6	11.7	18.1
1993 05 13	07 03.79	-08 16.7	5.104	4.703	61.3	10.9	18.3
1993 05 23	07 10.10	-06 46.2	5.288	4.767	54.2	9.9	18.4
1993 06 02	07 16.80	-05 28.9	5.461	4.831	47.3	8.9	18.5
1993 06 12	07 23.75	-04 23.7	5.621	4.895	40.6	7.8	18.6
1993 06 22	07 30.85	-03 29.3	5.765	4.960	34.4	6.6	18.8

1992 JG		a,e,i = 2.26, 0.42, 6				Elements MPC 20346		
Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	V
1992 06 07		13 46.80	-10 48.4	0.656	1.534	132.0	29.4	18.3
1992 06 17		13 45.94	-12 05.8	0.669	1.489	122.7	35.0	18.4
1992 06 27		13 50.36	-13 47.5	0.688	1.447	114.8	39.6	18.6
1992 07 07		13 59.97	-15 50.3	0.709	1.409	108.1	43.3	18.7
1992 07 17		14 14.50	-18 09.4	0.731	1.376	102.7	46.1	18.8
1992 07 27		14 33.67	-20 38.6	0.754	1.349	98.2	48.2	18.8
1992 08 06		14 57.32	-23 10.9	0.777	1.327	94.7	49.6	18.9
1992 08 16		15 25.27	-25 37.6	0.801	1.312	91.9	50.5	19.0
1992 08 26		15 57.24	-27 48.8	0.828	1.305	89.8	50.8	19.1

1992 JE		a,e,i = 2.19, 0.46, 6				Elements MPC 20346		
Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	V
1992 06 07		14 24.30	-00 20.7	0.475	1.394	135.7	30.6	16.4
1992 06 17		14 23.17	+00 45.6	0.468	1.344	125.8	37.8	16.5
1992 06 27		14 27.59	+01 05.0	0.465	1.298	117.5	44.0	16.6
1992 07 07		14 37.86	+00 39.7	0.463	1.258	110.8	49.1	16.7
1992 07 17		14 53.93	-00 24.9	0.461	1.225	105.8	53.0	16.7
1992 07 27		15 15.62	-02 02.9	0.458	1.200	102.2	55.8	16.7
1992 08 06		15 42.89	-04 08.2	0.456	1.183	100.2	57.5	16.7
1992 08 16		16 15.61	-06 31.6	0.456	1.176	99.4	58.1	16.7
1992 08 26		16 53.37	-09 01.5	0.461	1.179	99.7	57.6	16.8

1992 KD		a,e,i = 2.34, 0.43, 29					Elements MPC 20346		
Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	V	
1992 06 07		14 59.76	-04 25.1	0.368	1.334	145.3	25.7	15.6	
1992 06 17		15 14.63	+05 08.8	0.428	1.348	133.9	32.9	16.2	
1992 06 27		15 29.85	+11 14.5	0.504	1.369	125.0	37.5	16.7	
1992 07 07		15 45.54	+14 45.8	0.589	1.396	118.3	39.9	17.2	
1992 07 17		16 01.83	+16 32.5	0.681	1.429	113.2	40.8	17.5	
1992 07 27		16 18.71	+17 09.2	0.776	1.466	109.1	40.9	17.9	
1992 08 06		16 36.26	+16 59.4	0.874	1.507	105.7	40.4	18.2	
1992 08 16		16 54.50	+16 19.6	0.976	1.552	102.6	39.5	18.5	
1992 08 26		17 13.37	+15 21.3	1.080	1.600	99.8	38.5	18.7	
1992 09 05		17 32.86	+14 13.1	1.187	1.649	97.1	37.3	19.0	
1992 09 15		17 52.89	+13 02.0	1.298	1.701	94.3	36.1	19.2	

1992 JB		a,e,i = 1.56, 0.36, 16					Elements MPC 20345		
Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	V	
1992 06 07		15 34.53	+13 06.0	0.374	1.318	138.2	30.9	16.8	
1992 06 17		15 39.20	+12 27.8	0.459	1.371	133.0	32.8	17.4	
1992 06 27		15 45.73	+11 02.8	0.551	1.424	128.1	34.2	17.9	
1992 07 07		15 54.12	+09 11.5	0.649	1.476	123.3	35.2	18.4	
1992 07 17		16 04.25	+07 07.6	0.754	1.527	118.5	35.8	18.8	
1992 07 27		16 15.90	+05 00.0	0.865	1.577	113.8	36.1	19.1	
1992 08 06		16 28.91	+02 54.1	0.981	1.625	109.1	36.1	19.5	
1992 08 16		16 43.14	+00 54.5	1.103	1.672	104.3	35.9	19.8	
1992 08 26		16 58.39	-00 56.3	1.229	1.716	99.6	35.5	20.1	

(4957) 1990 XJ		a,e,i = 1.57, 0.22, 35					Elements MPC 18799		
Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	V	
1992 06 07		22 08.87	+27 34.5	0.850	1.329	90.5	49.8	17.1	
1992 06 17		22 29.74	+36 57.0	0.826	1.304	89.6	51.2	17.1	
1992 06 27		22 52.18	+45 56.7	0.816	1.282	88.1	52.4	17.0	
1992 07 07		23 17.28	+54 10.8	0.817	1.263	86.3	53.4	17.0	
1992 07 17		23 46.87	+61 24.1	0.825	1.247	84.6	54.2	17.0	
1992 07 27		00 23.66	+67 28.2	0.833	1.235	83.2	54.7	17.1	
1992 08 06		01 11.3	+72 16.0	0.839	1.227	82.3	55.0	17.1	
1992 08 16		02 13.1	+75 38.6	0.838	1.223	82.1	55.1	17.1	
1992 08 26		03 27.0	+77 28.0	0.829	1.223	82.7	55.0	17.0	
1992 09 05		04 40.1	+77 47.1	0.809	1.228	84.3	54.8	17.0	
1992 09 15		05 37.7	+76 58.6	0.778	1.237	86.8	54.3	16.9	
1992 09 25		06 14.1	+75 31.2	0.736	1.249	90.5	53.4	16.8	
1992 10 05		06 30.3	+73 40.8	0.685	1.266	95.6	51.8	16.6	
1992 10 15		06 28.1	+71 25.1	0.626	1.286	102.3	49.3	16.4	
1992 10 25		06 09.29	+68 19.9	0.563	1.308	111.2	45.1	16.1	
1992 11 04		05 37.58	+63 32.1	0.503	1.333	122.8	38.7	15.7	
1992 11 14		05 00.93	+55 52.7	0.454	1.360	137.7	29.3	15.2	
1992 11 24		04 28.17	+44 54.4	0.430	1.389	155.0	17.5	14.8	
1992 12 04		04 04.46	+32 05.8	0.441	1.418	167.0	9.0	14.6	
1992 12 14		03 50.35	+20 19.1	0.489	1.449	157.5	15.1	15.1	
1992 12 24		03 44.11	+11 22.4	0.570	1.479	143.1	23.5	15.7	
1993 01 03		03 43.90	+05 19.4	0.672	1.510	130.7	29.6	16.3	
1993 01 13		03 48.15	+01 28.8	0.788	1.541	120.4	33.4	16.8	
1993 01 23		03 55.70	-00 51.1	0.912	1.571	111.8	35.6	17.2	
1993 02 02		04 05.83	-02 11.2	1.040	1.601	104.4	36.6	17.6	

1990 DA		a,e,i = 2.16, 0.46, 25					Elements MPC 18818		
Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	V	
1992 06 07		22 56.99	-04 19.5	2.156	2.427	92.8	24.7	18.2	
1992 06 17		23 06.52	-04 25.1	1.981	2.381	100.2	24.8	18.0	
1992 06 27		23 14.85	-04 50.6	1.809	2.333	108.0	24.5	17.8	

1992 07 07	23 21.69	-05 41.3	1.643	2.283	116.3	23.5	17.5
1992 07 17	23 26.70	-07 03.3	1.487	2.232	125.1	21.9	17.2
1992 07 27	23 29.46	-09 02.9	1.343	2.180	134.7	19.3	16.8
1992 08 06	23 29.52	-11 45.2	1.216	2.127	144.8	16.0	16.4
1992 08 16	23 26.53	-15 11.3	1.110	2.072	155.0	11.9	16.0
1992 08 26	23 20.31	-19 14.9	1.028	2.016	163.0	8.4	15.7
1992 09 05	23 11.16	-23 38.6	0.973	1.959	162.8	8.8	15.5
1992 09 15	23 00.12	-27 56.1	0.946	1.901	153.9	13.5	15.6
1992 09 25	22 48.84	-31 40.6	0.943	1.842	142.4	19.4	15.7
1992 10 05	22 39.35	-34 33.7	0.960	1.782	130.8	25.1	15.8
1992 10 15	22 33.42	-36 30.0	0.991	1.723	120.2	30.0	16.0
1992 10 25	22 32.08	-37 33.5	1.028	1.663	110.6	34.0	16.1
1992 11 04	22 35.74	-37 51.6	1.068	1.603	102.2	37.2	16.2
1992 11 14	22 44.16	-37 31.6	1.105	1.545	94.9	39.6	16.2
1992 11 24	22 56.85	-36 38.2	1.137	1.487	88.6	41.6	16.3
1992 12 04	23 13.28	-35 14.1	1.162	1.432	83.2	43.1	16.3
1992 12 14	23 32.87	-33 20.4	1.179	1.380	78.7	44.4	16.3
1992 12 24	23 55.14	-30 56.6	1.187	1.331	75.0	45.5	16.2
1993 01 03	00 19.74	-28 01.5	1.188	1.288	72.1	46.6	16.2
1993 01 13	00 46.33	-24 34.2	1.181	1.250	69.8	47.6	16.1
1993 01 23	01 14.71	-20 33.8	1.171	1.219	68.2	48.6	16.1
1993 02 02	01 44.77	-16 01.0	1.160	1.196	67.2	49.4	16.1
1993 02 12	02 16.41	-10 59.1	1.151	1.182	66.6	50.0	16.0
1993 02 22	02 49.59	-05 34.7	1.148	1.178	66.4	50.3	16.0
1993 03 04	03 24.29	+00 00.9	1.155	1.184	66.4	50.2	16.0
1993 03 14	04 00.41	+05 32.8	1.175	1.198	66.5	49.5	16.1
1993 03 24	04 37.78	+10 44.4	1.210	1.222	66.4	48.4	16.2
1993 04 03	05 16.10	+15 20.1	1.261	1.254	66.2	46.9	16.3
1993 04 13	05 54.88	+19 08.4	1.327	1.292	65.7	45.0	16.4
1993 04 23	06 33.56	+22 03.3	1.407	1.337	64.8	42.9	16.5
1993 05 03	07 11.55	+24 04.3	1.499	1.386	63.6	40.7	16.7
1993 05 13	07 48.28	+25 15.0	1.601	1.439	62.1	38.4	16.8
1993 05 23	08 23.34	+25 41.7	1.711	1.494	60.3	36.0	17.0
1993 06 02	08 56.52	+25 31.6	1.826	1.552	58.1	33.7	17.2
1993 06 12	09 27.71	+24 51.9	1.945	1.611	55.8	31.4	17.3
1993 06 22	09 56.99	+23 49.3	2.067	1.670	53.2	29.2	17.5

Comet Shoemaker-Levy (1991a1)

Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	ml
1992 06 07		01 43.44	+58 03.6	1.570	1.201	49.9	40.3	9.3
1992 06 17		02 22.77	+67 04.6	1.316	1.083	53.5	48.9	8.4
1992 06 27		04 46.1	+77 25.6	1.087	0.980	55.4	58.7	7.6
1992 07 07		10 06.0	+70 47.7	0.930	0.898	54.7	67.6	6.9
1992 07 17		11 32.50	+47 30.8	0.902	0.848	52.1	70.9	6.6
1992 07 27		11 56.74	+24 55.0	1.014	0.838	48.7	65.7	6.8
1992 08 06		12 05.92	+08 18.7	1.215	0.868	44.7	55.3	7.3
1992 08 16		12 09.96	-03 08.9	1.445	0.935	40.1	44.2	8.0
1992 08 26		12 12.27	-11 23.4	1.671	1.029	35.3	34.6	8.7
1992 09 05		12 14.20	-17 44.8	1.877	1.140	31.1	27.2	9.4

Elements MPC 20309

1992 HE a,e,i = 2.21, 0.57, 37

Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	V
1992 06 07		04 17.02	-45 52.3	0.585	0.977	69.4	76.5	15.5
1992 06 17		04 17.88	-39 34.5	0.657	0.960	66.0	75.3	15.6
1992 06 27		04 19.18	-34 04.2	0.715	0.961	64.7	73.0	15.7
1992 07 07		04 21.01	-29 00.7	0.758	0.980	65.1	70.3	15.8
1992 07 17		04 23.10	-24 14.1	0.785	1.015	67.2	67.4	15.9
1992 07 27		04 24.99	-19 39.8	0.794	1.064	70.8	64.4	15.9
1992 08 06		04 25.81	-15 14.0	0.788	1.123	76.0	61.2	15.9

Elements MPC 20344

1992 08 16	04 24.54	-10 50.8	0.768	1.191	82.7	57.5	15.9
1992 08 26	04 19.95	-06 23.1	0.738	1.264	91.2	53.1	15.8
1992 09 05	04 10.47	-01 42.5	0.703	1.340	101.6	47.4	15.7
1992 09 15	03 54.54	+03 17.9	0.670	1.419	114.2	40.3	15.5
1992 09 25	03 30.98	+08 34.6	0.649	1.498	129.0	31.3	15.3
1992 10 05	03 00.11	+13 45.9	0.649	1.578	145.4	21.1	15.1
1992 10 15	02 25.11	+18 14.1	0.680	1.657	161.7	10.9	14.9
1992 10 25	01 51.24	+21 29.1	0.746	1.734	170.5	5.4	15.0
1992 11 04	01 23.29	+23 30.9	0.845	1.811	160.7	10.5	15.6
1992 11 14	01 03.39	+24 41.8	0.972	1.886	148.1	16.1	16.2
1992 11 24	00 51.22	+25 26.0	1.121	1.959	136.5	20.3	16.7
1992 12 04	00 45.53	+26 00.8	1.286	2.031	126.2	23.1	17.2
1992 12 14	00 44.88	+26 35.6	1.463	2.100	116.8	24.7	17.6
1992 12 24	00 48.06	+27 14.8	1.648	2.168	108.3	25.5	17.9
1993 01 03	00 54.17	+28 00.2	1.838	2.234	100.3	25.7	18.2
1993 01 13	01 02.52	+28 52.1	2.030	2.298	92.8	25.3	18.5

Periodic Comet Gunn

Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	m2
1992 07 07	04 48.06	+22 07.6	5.457	4.625	31.9	6.7	20.3	
1992 07 17	04 57.14	+22 29.7	5.376	4.634	39.3	8.0	20.3	
1992 07 27	05 05.75	+22 49.4	5.279	4.643	46.8	9.2	20.3	
1992 08 06	05 13.75	+23 07.0	5.167	4.652	54.5	10.2	20.2	
1992 08 16	05 21.02	+23 22.7	5.042	4.660	62.4	11.1	20.2	
1992 08 26	05 27.42	+23 37.0	4.906	4.668	70.6	11.8	20.1	
1992 09 05	05 32.80	+23 50.2	4.762	4.676	79.0	12.2	20.1	
1992 09 15	05 37.01	+24 02.7	4.613	4.683	87.8	12.4	20.0	
1992 09 25	05 39.89	+24 14.9	4.462	4.689	96.9	12.3	20.0	
1992 10 05	05 41.29	+24 26.9	4.315	4.695	106.4	11.8	19.9	
1992 10 15	05 41.11	+24 38.8	4.174	4.701	116.3	11.0	19.8	
1992 10 25	05 39.27	+24 50.5	4.045	4.706	126.6	9.8	19.8	
1992 11 04	05 35.78	+25 01.6	3.933	4.711	137.4	8.2	19.7	
1992 11 14	05 30.78	+25 11.4	3.844	4.716	148.5	6.3	19.7	
1992 11 24	05 24.52	+25 19.3	3.780	4.720	160.0	4.1	19.6	
1992 12 04	05 17.40	+25 24.8	3.747	4.724	171.5	1.8	19.6	
1992 12 14	05 09.92	+25 27.5	3.745	4.727	175.6	0.9	19.6	
1992 12 24	05 02.63	+25 27.8	3.775	4.730	164.3	3.2	19.6	
1993 01 03	04 56.06	+25 26.4	3.837	4.732	152.7	5.5	19.7	
1993 01 13	04 50.64	+25 24.3	3.926	4.734	141.4	7.5	19.7	
1993 01 23	04 46.68	+25 22.7	4.039	4.736	130.3	9.1	19.8	
1993 02 02	04 44.34	+25 22.5	4.172	4.737	119.6	10.4	19.9	
1993 02 12	04 43.69	+25 24.2	4.318	4.738	109.4	11.3	19.9	
1993 02 22	04 44.68	+25 28.3	4.473	4.738	99.5	11.9	20.0	
1993 03 04	04 47.20	+25 34.5	4.632	4.738	90.1	12.1	20.1	
1993 03 14	04 51.13	+25 42.8	4.790	4.738	81.0	12.0	20.2	
1993 03 24	04 56.32	+25 52.6	4.945	4.737	72.3	11.6	20.2	
1993 04 03	05 02.61	+26 03.3	5.091	4.736	63.8	10.9	20.3	
1993 04 13	05 09.84	+26 14.6	5.227	4.734	55.6	10.1	20.3	
1993 04 23	05 17.89	+26 25.7	5.350	4.732	47.7	9.0	20.4	
1993 05 03	05 26.63	+26 36.2	5.457	4.729	40.0	7.9	20.4	
1993 05 13	05 35.92	+26 45.8	5.548	4.726	32.4	6.6	20.5	

Periodic Comet Shoemaker 1 (1991p)

Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	m2
1992 07 07	05 15.10	+42 37.7	3.372	2.550	30.6	11.7	18.7	
1992 07 17	05 38.63	+43 15.3	3.367	2.595	34.6	12.8	18.8	
1992 07 27	06 01.49	+43 43.1	3.352	2.641	39.0	14.0	18.8	
1992 08 06	06 23.46	+44 02.8	3.328	2.687	43.7	15.1	18.9	
1992 08 16	06 44.38	+44 16.1	3.294	2.734	48.7	16.2	19.0	

1992 08 26	07 04.09	+44 25.1	3.251	2.781	54.1	17.1	19.0
1992 09 05	07 22.41	+44 31.9	3.198	2.828	59.8	17.9	19.0
1992 09 15	07 39.19	+44 38.6	3.137	2.876	65.8	18.6	19.1
1992 09 25	07 54.27	+44 47.5	3.069	2.923	72.2	19.1	19.1
1992 10 05	08 07.42	+45 00.7	2.994	2.970	79.0	19.3	19.1
1992 10 15	08 18.44	+45 19.8	2.914	3.018	86.2	19.3	19.1
1992 10 25	08 27.07	+45 46.4	2.833	3.065	93.9	18.9	19.1
1992 11 04	08 32.98	+46 21.1	2.752	3.112	101.9	18.2	19.1
1992 11 14	08 35.88	+47 03.3	2.675	3.159	110.4	17.1	19.1
1992 11 24	08 35.47	+47 51.0	2.606	3.205	119.1	15.6	19.1
1992 12 04	08 31.51	+48 40.3	2.551	3.252	128.0	13.8	19.2
1992 12 14	08 24.06	+49 25.1	2.512	3.298	136.6	11.8	19.2
1992 12 24	08 13.51	+49 58.4	2.495	3.343	144.3	9.9	19.2
1993 01 03	08 00.76	+50 13.0	2.503	3.389	149.8	8.4	19.3
1993 01 13	07 47.12	+50 04.4	2.538	3.434	151.4	7.9	19.4
1993 01 23	07 34.03	+49 31.7	2.601	3.479	148.5	8.5	19.5
1993 02 02	07 22.80	+48 37.7	2.692	3.523	142.2	9.9	19.6
1993 02 12	07 14.26	+47 27.8	2.807	3.567	134.3	11.4	19.8
1993 02 22	07 08.76	+46 08.2	2.943	3.610	125.6	12.9	19.9
1993 03 04	07 06.28	+44 44.0	3.097	3.653	116.8	14.0	20.1
1993 03 14	07 06.55	+43 19.2	3.265	3.696	108.1	14.8	20.2
1993 03 24	07 09.19	+41 55.9	3.441	3.738	99.5	15.3	20.4
1993 04 03	07 13.83	+40 35.4	3.623	3.780	91.2	15.3	20.6
1993 04 13	07 20.09	+39 18.1	3.807	3.821	83.2	15.1	20.7
1993 04 23	07 27.65	+38 03.7	3.990	3.862	75.4	14.6	20.9

Periodic Comet Schwassmann-Wachmann 1

Elements MPC 18255

Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	m2
1992 07 17		05 11.93	+30 06.3	6.736	5.942	35.8	5.7	(19.4)
1992 07 27		05 19.84	+30 17.4	6.640	5.945	43.5	6.8	(19.4)
1992 08 06		05 27.24	+30 27.9	6.528	5.948	51.4	7.7	(19.3)
1992 08 16		05 34.01	+30 37.9	6.402	5.951	59.4	8.4	(19.3)
1992 08 26		05 40.04	+30 47.4	6.265	5.954	67.6	9.0	(19.2)
1992 09 05		05 45.20	+30 56.8	6.118	5.957	76.1	9.5	(19.2)
1992 09 15		05 49.39	+31 06.1	5.966	5.960	84.8	9.7	(19.1)
1992 09 25		05 52.47	+31 15.3	5.811	5.963	93.9	9.7	(19.1)
1992 10 05		05 54.35	+31 24.5	5.658	5.966	103.2	9.4	(19.0)
1992 10 15		05 54.94	+31 33.4	5.511	5.969	112.8	8.9	(19.0)
1992 10 25		05 54.21	+31 41.5	5.375	5.972	122.8	8.0	(18.9)
1992 11 04		05 52.16	+31 48.2	5.254	5.975	133.0	7.0	(18.9)
1992 11 14		05 48.89	+31 52.8	5.154	5.978	143.5	5.6	(18.8)
1992 11 24		05 44.58	+31 54.4	5.078	5.981	154.0	4.1	(18.8)
1992 12 04		05 39.49	+31 52.5	5.030	5.984	164.2	2.6	(18.8)
1992 12 14		05 33.98	+31 46.5	5.013	5.988	171.3	1.4	(18.8)
1992 12 24		05 28.43	+31 36.6	5.027	5.991	167.5	2.0	(18.8)
1993 01 03		05 23.24	+31 23.1	5.072	5.994	157.9	3.5	(18.8)
1993 01 13		05 18.76	+31 07.1	5.146	5.997	147.3	5.1	(18.8)
1993 01 23		05 15.29	+30 49.5	5.246	6.000	136.7	6.5	(18.9)
1993 02 02		05 13.01	+30 31.5	5.368	6.003	126.2	7.6	(18.9)
1993 02 12		05 12.02	+30 14.1	5.508	6.006	116.0	8.5	(19.0)
1993 02 22		05 12.36	+29 57.9	5.660	6.009	106.0	9.1	(19.1)
1993 03 04		05 13.99	+29 43.4	5.821	6.012	96.4	9.4	(19.1)
1993 03 14		05 16.82	+29 30.6	5.984	6.016	87.1	9.5	(19.2)
1993 03 24		05 20.76	+29 19.5	6.146	6.019	78.0	9.3	(19.2)
1993 04 03		05 25.69	+29 09.9	6.303	6.022	69.2	8.9	(19.3)
1993 04 13		05 31.48	+29 01.4	6.451	6.025	60.7	8.3	(19.3)
1993 04 23		05 38.01	+28 53.6	6.588	6.028	52.4	7.6	(19.4)
1993 05 03		05 45.17	+28 46.2	6.711	6.031	44.3	6.7	(19.4)
1993 05 13		05 52.84	+28 38.8	6.818	6.034	36.4	5.7	(19.5)

Comet Shoemaker-Levy (1991d)

					Elements MPC 19467				
Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	ml	
1992 08 06		20 13.38	+31 48.1	2.554	3.298	130.0	13.6	13.2	
1992 08 16		20 04.48	+28 06.1	2.612	3.373	131.9	12.9	13.4	
1992 08 26		19 57.68	+24 12.2	2.701	3.449	131.0	12.8	13.5	
1992 09 05		19 53.17	+20 17.9	2.821	3.526	127.4	13.1	13.7	
1992 09 15		19 50.89	+16 33.1	2.969	3.603	121.9	13.7	13.9	
1992 09 25		19 50.67	+13 04.6	3.142	3.681	115.1	14.3	14.1	
1992 10 05		19 52.30	+09 56.6	3.337	3.760	107.5	14.7	14.4	
1992 10 15		19 55.51	+07 11.0	3.547	3.839	99.5	14.8	14.6	
1992 10 25		20 00.06	+04 47.6	3.768	3.918	91.3	14.7	14.8	
1992 11 04		20 05.73	+02 45.5	3.996	3.998	83.0	14.3	15.0	
1992 11 14		20 12.29	+01 03.1	4.225	4.078	74.7	13.5	15.2	
1992 11 24		20 19.57	-00 21.6	4.452	4.158	66.5	12.6	15.4	
1992 12 04		20 27.40	-01 30.5	4.672	4.238	58.3	11.4	15.6	
1992 12 14		20 35.62	-02 25.5	4.882	4.318	50.2	10.1	15.8	
1992 12 24		20 44.12	-03 08.5	5.078	4.399	42.2	8.6	16.0	
1993 01 03		20 52.77	-03 41.0	5.257	4.479	34.3	7.1	16.1	

Periodic Comet Schaumasse

					Elements MPC 16379				
Date	TT	R. A. (2000)	Decl.	Delta	r	Variation		m2	
1992 08 06		03 31.71	+09 26.8	2.610	2.649	-0.95	-6.0	20.8	
1992 08 16		03 43.80	+09 57.7	2.404	2.568	-1.07	-6.5	20.6	
1992 08 26		03 55.39	+10 22.8	2.200	2.487	-1.22	-7.1	20.3	
1992 09 05		04 06.28	+10 42.2	1.999	2.404	-1.39	-7.7	20.0	
1992 09 15		04 16.23	+10 56.4	1.803	2.321	-1.59	-8.5	19.7	
1992 09 25		04 24.90	+11 06.5	1.614	2.237	-1.83	-9.3	19.4	
1992 10 05		04 31.89	+11 13.8	1.434	2.153	-2.13	-10.4	19.0	
1992 10 15		04 36.73	+11 20.8	1.265	2.068	-2.47	-11.6	18.6	
1992 10 25		04 38.86	+11 31.1	1.110	1.984	-2.88	-13.2	18.2	
1992 11 04		04 37.66	+11 49.8	0.971	1.899	-3.34	-15.1	17.7	
1992 11 14		04 32.70	+12 23.1	0.851	1.815	-3.83	-17.5	17.1	
1992 11 24		04 23.83	+13 18.5	0.751	1.733	-4.30	-20.6	16.5	
1992 12 04		04 11.65	+14 42.8	0.673	1.652	-4.64	-24.6	16.2	
1992 12 14		03 57.78	+16 40.2	0.617	1.574	-4.78	-29.4	16.2	
1992 12 24		03 44.59	+19 10.8	0.580	1.499	-4.69	-34.9	16.3	
1993 01 03		03 34.86	+22 11.8	0.560	1.430	-4.43	-40.7	16.3	
1993 01 13		03 30.82	+25 39.0	0.550	1.366	-4.12	-46.4	16.4	
1993 01 23		03 33.93	+29 27.7	0.547	1.311	-3.90	-51.7	16.4	
1993 02 02		03 45.26	+33 32.0	0.547	1.265	-3.89	-56.2	16.5	
1993 02 12		04 05.65	+37 41.9	0.548	1.231	-4.18	-59.5	16.5	
1993 02 22		04 36.09	+41 40.3	0.552	1.210	-4.88	-60.4	16.6	
1993 03 04		05 17.53	+45 00.0	0.558	1.202	-5.99	-57.3	16.6	
1993 03 14		06 09.41	+47 04.4	0.570	1.209	-7.30	-48.3	16.7	
1993 03 24		07 08.26	+47 17.1	0.590	1.230	-8.26	-33.5	16.8	
1993 04 03		08 07.77	+45 22.7	0.622	1.264	-8.38	-15.8	16.9	
1993 04 13		09 01.87	+41 38.7	0.668	1.310	-7.69	+0.1	17.0	
1993 04 23		09 47.89	+36 43.8	0.731	1.365	-6.62	+11.5	17.2	
1993 05 03		10 26.15	+31 18.1	0.810	1.428	-5.53	+18.0	17.5	
1993 05 13		10 58.15	+25 51.9	0.907	1.498	-4.57	+20.8	17.8	
1993 05 23		11 25.51	+20 41.9	1.020	1.572	-3.79	+21.2	18.1	
1993 06 02		11 49.57	+15 55.9	1.148	1.650	-3.17	+20.2	18.4	
1993 06 12		12 11.26	+11 36.1	1.290	1.731	-2.68	+18.6	18.7	
1993 06 22		12 31.28	+07 41.4	1.443	1.813	-2.29	+16.8	19.0	
1993 07 02		12 50.13	+04 09.6	1.608	1.897	-1.97	+15.0	19.3	
1993 07 12		13 08.13	+00 58.2	1.781	1.982	-1.72	+13.2	19.6	
1993 07 22		13 25.54	-01 55.3	1.961	2.066	-1.51	+11.7	19.8	
1993 08 01		13 42.53	-04 32.9	2.145	2.151	-1.34	+10.3	20.0	
1993 08 11		13 59.22	-06 56.3	2.334	2.235	-1.20	+9.0	20.3	

1993 08 21	14 15.70	-09 07.1	2.523	2.319	-1.08	+7.9	20.4
1993 08 31	14 32.06	-11 06.3	2.712	2.402	-0.97	+6.9	20.6
1993 09 10	14 48.30	-12 54.9	2.899	2.485	-0.89	+6.1	20.8
1993 09 20	15 04.49	-14 33.5	3.081	2.566	-0.81	+5.3	20.9
1993 09 30	15 20.61	-16 02.7	3.258	2.647	-0.74	+4.7	21.0

(5131) 1990 BG

a,e,i = 1.49, 0.57, 36

Elements MPC 19845

Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	V
1992 08 06	04	46.30	-12 39.2	1.855	1.791	70.4	32.2	18.1
1992 08 16	04	59.62	-13 56.8	1.825	1.851	75.4	32.0	18.1
1992 08 26	05	10.70	-15 29.1	1.787	1.908	80.8	31.5	18.1
1992 09 05	05	19.22	-17 15.5	1.741	1.960	86.6	30.9	18.1
1992 09 15	05	24.86	-19 14.0	1.691	2.009	92.8	30.0	18.1
1992 09 25	05	27.19	-21 21.7	1.638	2.054	99.2	28.8	18.0
1992 10 05	05	25.71	-23 33.1	1.587	2.095	105.9	27.3	17.9
1992 10 15	05	20.02	-25 40.0	1.540	2.133	112.7	25.6	17.9
1992 10 25	05	09.90	-27 31.1	1.502	2.168	119.1	23.6	17.8
1992 11 04	04	55.57	-28 51.8	1.478	2.199	124.6	21.8	17.7
1992 11 14	04	38.02	-29 27.6	1.471	2.226	128.5	20.3	17.7
1992 11 24	04	18.92	-29 08.8	1.485	2.251	130.1	19.6	17.7
1992 12 04	04	00.34	-27 52.8	1.521	2.272	128.8	19.7	17.8
1992 12 14	03	44.18	-25 47.3	1.578	2.290	125.1	20.6	17.9
1992 12 24	03	31.58	-23 05.4	1.656	2.305	119.5	21.8	18.1
1993 01 03	03	23.02	-20 01.3	1.751	2.317	112.8	23.0	18.2
1993 01 13	03	18.37	-16 47.7	1.860	2.326	105.6	24.0	18.4
1993 01 23	03	17.22	-13 33.2	1.977	2.331	98.2	24.7	18.6
1993 02 02	03	19.09	-10 23.7	2.101	2.333	90.8	25.0	18.7

Periodic Comet Chernykh (1991o)

Elements MPC 18598

Date	TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	m2
1992 08 06	06	53.54	+20 23.8	3.675	2.859	31.4	10.7	18.4
1992 08 16	07	09.71	+20 03.8	3.646	2.905	37.2	12.2	18.4
1992 08 26	07	25.00	+19 39.1	3.606	2.951	43.2	13.6	18.5
1992 09 05	07	39.30	+19 11.1	3.554	2.998	49.4	14.8	18.5
1992 09 15	07	52.52	+18 41.0	3.493	3.046	56.0	15.9	18.6
1992 09 25	08	04.55	+18 10.4	3.421	3.095	62.8	16.8	18.6
1992 10 05	08	15.26	+17 40.6	3.342	3.145	70.1	17.4	18.6
1992 10 15	08	24.52	+17 13.3	3.255	3.195	77.7	17.8	18.6
1992 10 25	08	32.19	+16 50.0	3.164	3.245	85.8	17.8	18.6
1992 11 04	08	38.09	+16 32.2	3.070	3.296	94.3	17.5	18.6
1992 11 14	08	42.10	+16 21.5	2.978	3.348	103.4	16.7	18.6
1992 11 24	08	44.08	+16 19.0	2.890	3.399	113.0	15.5	18.6
1992 12 04	08	43.94	+16 25.4	2.812	3.451	123.2	13.8	18.6
1992 12 14	08	41.73	+16 40.7	2.749	3.504	133.9	11.7	18.6
1992 12 24	08	37.60	+17 04.2	2.704	3.556	145.1	9.1	18.7
1993 01 03	08	31.87	+17 34.1	2.684	3.609	156.8	6.2	18.7
1993 01 13	08	25.09	+18 07.7	2.692	3.661	168.6	3.0	18.8
1993 01 23	08	17.87	+18 42.3	2.730	3.714	178.8	0.3	18.9
1993 02 02	08	10.92	+19 15.1	2.799	3.767	167.4	3.3	19.0
1993 02 12	08	04.88	+19 43.9	2.897	3.819	155.8	6.1	19.1
1993 02 22	08	00.22	+20 07.5	3.023	3.872	144.6	8.5	19.3
1993 03 04	07	57.24	+20 25.3	3.173	3.925	133.8	10.5	19.4
1993 03 14	07	56.08	+20 37.0	3.341	3.977	123.5	12.0	19.6
1993 03 24	07	56.70	+20 43.0	3.524	4.029	113.7	13.1	19.8
1993 04 03	07	58.99	+20 43.6	3.718	4.082	104.3	13.7	20.0
1993 04 13	08	02.78	+20 38.9	3.918	4.134	95.4	14.0	20.1
1993 04 23	08	07.86	+20 29.5	4.120	4.186	86.8	13.9	20.3
1993 05 03	08	14.06	+20 15.4	4.321	4.238	78.5	13.5	20.4
1993 05 13	08	21.16	+19 57.0	4.519	4.289	70.6	12.8	20.6

1992 07 27	22 10.73	-12 21.4	1.692	2.643	154.1	9.7	17.9
- 5.92 -1.01	- 23.6 - 4.5	1981 EM24	14187	- 8.31 +0.33	- 30.3 + 2.5		
1992 08 26	21 46.93	-13 55.0	1.612	2.615	171.1	3.4	17.5
1992 07 27	22 28.04	-04 17.4	1.348	2.267	146.9	14.2	16.7
- 3.42 -1.21	- 32.8 -10.3	1983 RV3	20331	- 7.18 +0.13	- 72.3 - 1.3		
1992 08 26	22 09.66	-07 11.5	1.265	2.274	175.9	1.8	16.0
1992 08 26	22 49.47	+03 16.9	1.496	2.485	164.5	6.2	15.5
- 8.67 -0.25	- 49.0 - 7.4	(4844)	18277	- 5.64 +1.11	- 60.9 + 3.3		
1992 09 25	22 25.50	+00 12.3	1.616	2.557	154.3	9.8	15.9
1992 08 26	22 49.30	-12 13.0	1.841	2.846	172.6	2.6	16.4
- 7.55 -0.33	- 53.6 + 0.6	1983 WJ	14348	- 5.63 +0.90	- 27.4 + 7.2		
1992 09 25	22 27.26	-14 26.7	1.902	2.819	150.6	10.0	16.8
1992 08 26	22 50.12	+01 57.3	2.053	3.042	165.6	4.7	16.3
- 6.75 -0.30	- 57.8 - 5.9	(5213)	20137	- 5.19 +0.77	- 67.9 + 2.6		
1992 09 25	22 30.25	-01 26.7	2.088	3.028	155.4	7.9	16.5
1992 08 26	22 52.90	-13 46.0	1.134	2.139	171.3	4.1	16.0
- 9.40 -0.40	- 69.4 + 3.0	(4798)	18100	- 5.77 +1.40	- 19.6 +11.1		
1992 09 25	22 26.82	-16 14.3	1.252	2.177	149.6	13.5	16.7
1992 08 26	22 53.98	-20 14.1	1.109	2.107	167.2	6.1	14.5
-10.90 -0.50	- 15.5 + 7.8	1991 EE1	18300	- 7.03 +1.56	+ 45.6 +10.1		
1992 09 25	22 23.28	-19 32.9	1.192	2.106	147.1	15.0	15.0
1992 08 26	22 53.54	+00 39.6	1.843	2.835	166.2	4.9	18.0
- 8.45 -0.42	- 36.7 - 5.7	1989 YA2	15900	- 6.88 +0.89	- 47.5 + 2.3		
1992 09 25	22 28.14	-01 41.3	1.855	2.795	154.8	8.8	18.2
1992 08 26	22 54.81	-02 16.4	1.531	2.528	168.2	4.7	16.8
- 8.79 -0.50	-7.8 - 4.4	1981 EU8	16423	- 6.95 +1.05	- 13.9 + 2.4		
1992 09 25	22 28.36	-03 01.4	1.546	2.490	154.7	9.9	17.1
1992 08 26	22 56.24	-24 11.0	1.179	2.167	163.7	7.5	16.1
- 8.40 -0.73	-101.8 + 7.4	1990 BV	16239	- 6.33 +1.34	- 17.5 +17.3		
1992 09 25	22 30.32	-27 28.0	1.202	2.093	143.1	16.7	16.4
1992 08 26	22 56.99	-16 33.5	1.046	2.048	169.1	5.3	16.6
- 9.22 -0.47	- 72.8 + 5.4	1985 JU1	11426	- 5.59 +1.44	-9.3 +12.7		
1992 09 25	22 31.24	-18 49.8	1.167	2.091	149.0	14.3	17.2
1992 08 26	22 57.68	-20 19.5	1.996	2.988	166.6	4.5	16.5
- 9.67 -0.35	- 16.7 + 4.9	1974 SJ3	17012	- 7.58 +0.96	+ 24.3 + 7.4		
1992 09 25	22 29.40	-20 12.5	2.085	2.983	147.9	10.3	16.8
1992 08 26	22 56.96	+02 30.0	1.139	2.129	164.2	7.4	15.4
- 7.66 -0.50	- 65.7 - 9.5	(4900)	18614	- 5.08 +1.23	- 78.7 + 5.2		
1992 09 25	22 34.66	-01 33.9	1.202	2.159	156.4	10.7	15.6
1992 08 26	22 57.42	-12 00.2	1.650	2.652	170.7	3.5	15.9
- 7.54 -0.40	- 51.8 + 0.6	1980 BB	14014	- 5.68 +0.94	- 23.4 + 7.7		
1992 09 25	22 35.12	-14 05.8	1.725	2.655	152.5	10.1	16.4
1992 08 26	22 56.73	-05 27.9	0.851	1.854	169.7	5.6	16.3
- 6.52 -0.72	- 59.3 - 5.8	(878)	18400	- 4.06 +1.42	- 46.0 + 9.3		
1992 09 25	22 36.92	-08 33.9	0.869	1.829	155.3	13.2	16.7

1992 08 26	22 57.05	+22 12.6	1.725	2.625	146.2	12.4	15.9
- 7.00 -0.46	- 52.0 -16.4	(4880)	18607	- 5.49 +0.91	-125.6	- 5.8	
1992 09 25	22 35.78	+17 26.5	1.688	2.616	151.9	10.4	15.8
1992 08 26	22 56.80	-07 06.5	2.484	3.485	170.4	2.8	17.5
- 6.91 -0.30	- 41.3 - 1.4	1984 DY	14191	- 5.81 +0.63	- 32.5	+ 4.0	
1992 09 25	22 36.00	-09 07.2	2.528	3.462	154.9	7.1	17.7
1992 08 26	22 57.91	-09 18.9	2.037	3.038	170.7	3.1	17.4
- 6.89 -0.28	- 81.0 - 0.2	5193 T-3	16441	- 5.23 +0.77	- 56.6	+ 7.4	
1992 09 25	22 37.78	-12 59.3	2.165	3.095	153.6	8.3	17.8
1992 08 26	22 59.24	-02 25.6	1.051	2.050	167.5	6.1	18.1
- 7.41 -0.69	- 96.1 - 8.4	1981 EA42	15705	- 5.44 +1.26	- 92.2	+ 9.2	
1992 09 25	22 36.36	-07 40.9	1.066	2.022	155.5	11.9	18.4
1992 08 26	22 58.94	-05 02.7	1.829	2.828	169.0	3.9	16.0
- 7.40 -0.38	- 43.7 - 2.7	1987 RA1	17440	- 5.83 +0.84	- 36.7	+ 4.7	
1992 09 25	22 36.86	-07 17.1	1.893	2.838	155.8	8.3	16.3
1992 08 26	22 59.71	-37 34.5	2.713	3.632	151.4	7.7	16.5
- 8.41 -0.29	- 37.7 + 9.3	1980 PB3	16423	- 6.65 +0.80	+ 24.3	+10.0	
1992 09 25	22 35.12	-37 55.6	2.861	3.646	135.6	11.1	16.8
1992 08 26	23 01.35	-16 05.4	1.850	2.848	+1.22	+9.0	16.5
- 7.57 -0.44	- 37.0 + 2.4	1987 WJ1	15250	- 6.21 +0.85	-3.0	+ 7.8	
1992 09 25	22 38.30	-17 15.1	1.894	2.815	+1.19	+8.1	16.8
1992 08 26	23 02.12	-08 25.1	1.514	2.514	169.5	4.2	16.8
- 7.61 -0.42	- 84.1 - 1.0	1979 KD	11836	- 5.62 +0.98	- 56.3	+ 8.9	
1992 09 25	22 39.69	-12 14.2	1.623	2.564	154.4	9.7	17.2
1992 08 26	23 02.22	-11 39.3	1.526	2.527	169.6	4.1	16.0
- 7.35 -0.55	- 45.3 0.0	1977 RD2	18414	- 6.02 +0.95	- 18.8	+ 7.8	
1992 09 25	22 39.41	-13 30.0	1.546	2.485	153.7	10.3	16.3
1992 08 26	23 04.23	-11 32.4	1.987	2.985	169.1	3.7	18.2
- 8.11 -0.41	- 46.6 + 0.4	1986 CP1	10944	- 6.77 +0.80	- 23.4	+ 6.5	
1992 09 25	22 39.67	-13 28.6	2.055	2.987	153.7	8.5	18.5
1992 08 26	23 04.52	-06 38.2	1.844	2.842	168.4	4.1	17.0
- 6.99 -0.48	- 42.7 - 2.4	1989 CM	15562	- 6.08 +0.76	- 33.9	+ 5.0	
1992 09 25	22 42.62	-08 46.9	1.850	2.799	156.5	8.2	17.1
1992 08 26	23 04.24	+09 44.9	1.874	2.832	157.1	8.0	16.4
- 6.83 -0.45	- 20.1 - 9.2	1987 VG1	17019	- 5.79 +0.76	- 55.8	- 1.7	
1992 09 25	22 43.08	+07 37.0	1.881	2.835	157.7	7.7	16.4
1992 08 26	23 06.01	-23 11.0	1.204	2.190	163.2	7.7	15.2
- 7.82 -0.56	-179.6 +11.8	1988 JQ	17960	- 5.37 +1.22	- 67.8	+20.7	
1992 09 25	22 42.94	-29 38.2	1.380	2.265	143.3	15.3	15.8
1992 08 26	23 10.32	-15 26.0	1.569	2.564	166.8	5.2	16.5
- 8.92 -0.50	- 62.7 + 3.0	1978 VL11	11995	- 7.08 +1.01	- 19.2	+ 9.7	
1992 09 25	22 43.53	-17 41.3	1.681	2.610	152.0	10.4	16.9
1992 08 26	23 09.62	-06 55.4	2.253	3.247	167.3	3.9	17.3
- 8.00 -0.41	- 20.7 - 1.4	1980 FH1	16228	- 7.13 +0.68	- 13.0	+ 3.6	
1992 09 25	22 44.91	-07 55.0	2.294	3.243	157.4	6.8	17.5

1992 08 26	23 11.54	-18 32.0	1.500	2.490	165.1	6.0	16.2
- 9.45 -0.55	- 45.2 + 4.9	1991 GA	18130	- 7.49 +1.09		+5.4	+10.0
1992 09 25	22 43.10	-19 41.2	1.602	2.525	150.7	11.2	16.6
1992 08 26	23 11.74	-07 48.3	1.607	2.601	167.0	5.0	16.6
- 8.97 -0.63	- 51.6 - 2.1	1984 HL1	18624	- 7.97 +0.93		- 35.7 + 6.7	
1992 09 25	22 43.45	-10 15.5	1.632	2.581	156.1	9.1	16.8
1992 08 26	23 07.97	+01 26.2	0.738	1.730	163.3	9.7	16.2
- 5.55 -0.84	- 63.0 -12.2	1981 ED25	8793	- 3.58 +1.36		- 77.4 + 7.4	
1992 09 25	22 50.21	-02 40.9	0.781	1.758	160.1	11.2	16.4
1992 08 26	23 11.83	+00 33.0	1.142	2.130	163.1	7.9	15.6
- 8.13 -0.85	- 37.6 - 8.6	(4871)	18408	- 7.23 +1.13		- 54.6 + 3.6	
1992 09 25	22 45.13	-02 07.9	1.130	2.098	159.0	9.9	15.6
1992 08 26	23 13.28	-04 45.3	1.632	2.623	165.7	5.5	17.2
- 8.55 -0.67	- 43.1 - 3.8	1983 DC	15708	- 7.93 +0.86		- 38.9 + 5.0	
1992 09 25	22 45.73	-07 04.4	1.626	2.583	157.9	8.4	17.3
1992 08 26	23 11.27	+04 56.8	2.091	3.061	160.1	6.5	16.5
- 6.38 -0.47	- 50.5 - 7.2	1982 SG4	18622	- 5.91 +0.62		- 71.2 + 0.9	
1992 09 25	22 50.83	+01 39.3	2.073	3.037	160.6	6.3	16.5
1992 08 26	23 12.52	-02 40.7	1.629	2.618	164.9	5.8	18.1
- 6.73 -0.57	- 60.2 - 5.0	1981 EV27	10620	- 5.98 +0.79		- 59.6 + 5.1	
1992 09 25	22 50.94	-05 59.1	1.650	2.613	159.5	7.7	18.2
1992 08 26	23 17.20	-13 42.9	1.754	2.744	165.7	5.2	17.6
- 8.46 -0.56	- 69.8 + 1.3	1980 GG	18620	- 7.46 +0.85		- 34.2 + 9.1	
1992 09 25	22 50.72	-16 33.4	1.833	2.770	154.1	9.1	17.9
1992 08 26	23 20.89	-10 56.7	1.195	2.187	165.1	6.8	15.6
- 8.53 -0.77	- 78.8 - 0.1	1982 SC2	13157	- 7.21 +1.11		- 39.5 +11.2	
1992 09 25	22 53.81	-14 15.1	1.275	2.229	156.1	10.5	15.9
1992 08 26	23 18.60	+05 33.1	2.373	3.333	158.4	6.4	18.0
- 6.67 -0.48	- 36.4 - 6.5	1988 XK	19024	- 6.57 +0.52		- 57.7 0.0	
1992 09 25	22 56.89	+03 00.0	2.338	3.306	162.0	5.4	17.9
1992 08 26	23 21.12	-01 41.2	1.435	2.418	162.6	7.2	18.2
- 8.07 -0.65	- 54.3 - 5.4	1179 T-2	14963	- 7.06 +0.93		- 53.9 + 5.2	
1992 09 25	22 55.51	-04 43.3	1.503	2.472	161.0	7.6	18.4
1992 08 26	23 20.66	-20 30.2	2.523	3.499	162.3	5.0	16.7
- 6.79 -0.46	- 54.4 + 3.1	1990 HM1	16588	- 6.55 +0.54		- 17.7 + 8.1	
1992 09 25	22 58.80	-22 27.7	2.569	3.481	151.1	8.0	16.8
1992 08 26	23 22.51	-00 03.3	1.583	2.561	161.4	7.2	17.6
- 7.86 -0.66	- 47.5 - 6.1	1188 T-2	18446	- 7.32 +0.82		- 55.2 + 3.7	
1992 09 25	22 57.00	-02 55.4	1.615	2.587	161.8	7.0	17.6
1992 08 26	23 22.02	-03 57.8	1.969	2.952	163.4	5.6	16.8
- 6.75 -0.54	- 49.6 - 3.5	1987 QS7	12943	- 6.47 +0.63		- 46.4 + 4.4	
1992 09 25	23 00.01	-06 36.3	1.996	2.963	161.4	6.2	16.8
1992 08 26	23 24.55	+07 21.2	1.648	2.604	156.1	9.0	17.1
- 8.16 -0.82	- 23.0 - 9.6	1983 BH	15707	- 8.60 +0.72		- 60.9 - 1.6	
1992 09 25	22 56.56	+05 00.5	1.579	2.550	161.6	7.1	16.8

1992 08 26	23 26.66	-15 43.6	1.169	2.155	163.0	7.9	16.9
- 9.26 -0.87	- 42.0 + 3.4	1991 ED	18128	- 8.11 +1.17		+7.7	+10.9
1992 09 25	22 56.83	-16 48.8	1.239	2.189	155.0	11.2	17.2
1992 08 26	23 22.89	-07 47.1	1.693	2.680	164.3	5.9	16.7
- 6.07 -0.68	- 51.5 - 2.7	1981 TJ3	15881	- 6.25 +0.65		- 39.7	+ 6.3
1992 09 25	23 01.96	-10 20.5	1.664	2.629	160.0	7.5	16.7
1992 08 26	23 24.56	-08 41.3	1.887	2.872	164.0	5.5	18.1
- 6.88 -0.59	- 53.0 - 1.5	4195 T-1	19879	- 6.71 +0.65		- 37.0	+ 6.3
1992 09 25	23 01.89	-11 10.7	1.915	2.876	159.5	7.0	18.2
1992 08 26	23 28.46	-10 05.5	1.527	2.511	163.2	6.7	18.1
- 8.83 -0.80	- 48.8 - 0.9	1991 GC7	18637	- 8.62 +0.86		- 25.1	+ 7.9
1992 09 25	22 59.22	-12 12.7	1.552	2.512	158.4	8.5	18.2
1992 08 26	23 29.19	-24 34.7	1.762	2.727	158.3	7.9	16.5
- 8.06 -0.72	-131.3 + 6.8	1991 CD1	18126	- 7.77 +0.80		- 56.2	+15.5
1992 09 25	23 02.63	-29 31.9	1.881	2.768	145.8	11.8	16.8
1992 08 26	23 29.58	-00 04.7	1.625	2.597	159.9	7.7	16.9
- 7.09 -0.77	- 32.2 - 6.1	(4785)	18095	- 7.44 +0.68		- 44.1	+ 2.5
1992 09 25	23 05.12	-02 15.0	1.600	2.579	163.9	6.2	16.8
1992 08 26	23 34.86	-05 24.9	1.117	2.098	160.9	9.1	17.1
- 7.98 -1.17	- 40.4 - 5.1	1989 TB1	15422	- 8.97 +0.93		- 34.2	+ 7.0
1992 09 25	23 05.55	-07 39.2	1.082	2.060	162.2	8.6	16.9
1992 08 26	23 35.72	-04 37.1	1.403	2.380	160.4	8.2	17.7
- 8.59 -0.90	- 42.1 - 4.2	1981 EH19	18107	- 8.75 +0.85		- 36.4	+ 5.7
1992 09 25	23 06.47	-06 53.3	1.423	2.399	162.7	7.1	17.7
1992 08 26	23 35.61	-01 55.5	1.346	2.319	159.5	8.8	16.7
- 8.46 -0.96	- 37.5 - 6.0	1991 FM	18301	- 8.87 +0.85		- 42.9	+ 4.4
1992 09 25	23 06.24	-04 15.3	1.343	2.322	163.6	7.0	16.6
1992 08 26	23 34.42	+02 13.8	1.851	2.812	157.6	7.9	18.1
- 8.02 -0.76	- 25.1 - 6.3	1983 CZ2	8138	- 8.61 +0.60		- 43.1	+ 1.0
1992 09 25	23 06.95	+00 18.0	1.814	2.794	164.6	5.5	18.0
1992 08 26	23 33.54	-23 15.6	1.297	2.267	158.3	9.5	15.8
- 6.89 -0.98	- 95.2 + 6.1	1991 GU9	18440	- 7.21 +0.88		- 18.4	+16.5
1992 09 25	23 08.95	-26 25.3	1.339	2.259	149.1	13.2	16.0
1992 08 26	23 35.13	-04 24.1	1.014	1.996	160.5	9.7	15.2
- 7.47 -1.11	+ 20.4 - 3.9	1931 TC2	12578	- 7.76 +1.03		+ 17.3	+ 2.8
1992 09 25	23 08.32	-03 39.9	1.026	2.010	164.3	7.7	15.1
1992 08 26	23 32.58	-01 52.6	1.821	2.793	160.1	7.1	16.5
- 6.52 -0.70	- 36.5 - 4.8	1980 FO1	17427	- 7.02 +0.57		- 42.1	+ 3.1
1992 09 25	23 09.92	-04 05.1	1.796	2.776	164.6	5.5	16.3
1992 08 26	23 31.15	-08 06.2	1.300	2.284	162.4	7.7	15.9
- 5.16 -0.91	- 49.0 - 3.3	1981 VP2	12707	- 5.99 +0.70		- 34.5	+ 7.8
1992 09 25	23 11.45	-10 32.0	1.260	2.235	161.8	8.1	15.8
1992 08 26	23 35.21	+02 44.6	1.273	2.239	157.2	10.1	17.4
- 6.99 -1.07	- 41.4 - 9.9	1982 VD5	10943	- 8.30 +0.73		- 70.4	+ 1.7
1992 09 25	23 08.93	-00 24.7	1.203	2.187	165.1	6.8	17.1

1992 08 26	23 34.42	-34 34.7	2.134	3.054	150.4	9.4	16.2
- 6.59 -0.71	- 88.0 + 8.9	1989 AH	16583	- 6.89 +0.62	- 12.5	+14.2	
1992 09 25	23 11.76	-37 15.2	2.220	3.055	139.7	12.3	16.4
1992 08 26	23 36.74	-06 30.7	1.496	2.472	160.7	7.8	15.4
- 6.76 -0.87	- 37.2 - 3.1	1978 ON	14013	- 7.46 +0.67	- 28.0	+ 5.9	
1992 09 25	23 12.57	-08 25.1	1.484	2.461	163.3	6.7	15.3
1992 08 26	23 38.18	-23 48.5	1.815	2.774	157.1	8.2	16.2
- 8.07 -0.73	- 60.1 + 5.9	1991 JG	18638	- 8.02 +0.73	- 1.2	+11.8	
1992 09 25	23 11.34	-25 31.4	1.900	2.815	150.2	10.2	16.4
1992 08 26	23 35.00	+07 53.6	1.894	2.837	153.9	9.0	16.8
- 6.14 -0.72	- 57.2 - 9.7	1988 VD5	16029	- 6.96 +0.50	- 91.9	- 0.6	
1992 09 25	23 13.09	+03 52.9	1.821	2.805	165.9	5.0	16.5
1992 08 26	23 44.70	-00 14.3	0.856	1.829	156.7	12.6	15.7
- 6.49 -1.33	- 18.0 - 9.0	1982 RW	13594	- 7.63 +1.00	- 35.2	+ 3.9	
1992 09 25	23 19.19	-01 58.0	0.870	1.861	167.4	6.8	15.6
1992 08 26	23 43.43	-19 32.2	2.015	2.975	157.9	7.3	16.1
- 6.50 -0.71	- 65.1 + 2.9	1988 XU1	18815	- 7.16 +0.51	- 22.2	+10.1	
1992 09 25	23 20.69	-21 56.6	2.057	2.992	154.4	8.3	16.2
1992 08 26	23 47.19	-00 35.2	1.151	2.115	156.3	11.1	18.6
- 5.79 -1.24	- 55.3 - 9.5	1975 SZ1	13300	- 8.24 +0.60	- 74.4	+ 4.4	
1992 09 25	23 22.73	-04 15.5	1.068	2.059	167.5	6.1	18.2
1992 08 26	23 49.84	+02 45.8	1.896	2.840	154.1	8.9	16.8
- 7.94 -0.79	+6.7 - 5.5	1977 RZ8	19495	- 8.79 +0.54	- 13.0	- 0.5	
1992 09 25	23 22.29	+02 27.0	1.900	2.889	168.4	4.0	16.6
1992 08 26	23 48.16	+13 27.5	1.739	2.649	147.7	11.8	16.5
- 6.93 -0.82	- 29.4 -11.4	1991 JT	18303	- 7.80 +0.56	- 78.1	- 3.2	
1992 09 25	23 23.51	+10 31.1	1.732	2.714	165.3	5.4	16.3
1992 08 26	23 45.93	-03 43.6	2.400	3.357	157.7	6.5	18.0
- 5.99 -0.60	- 40.7 - 3.1	1979 GE	10630	- 6.77 +0.36	- 40.2	+ 3.2	
1992 09 25	23 25.02	-05 56.5	2.394	3.379	167.2	3.8	17.9
1992 08 26	23 47.71	-02 50.0	2.059	3.015	157.0	7.5	17.0
- 6.60 -0.74	- 19.2 - 3.6	1987 SO5	16026	- 7.73 +0.41	- 22.8	+ 2.5	
1992 09 25	23 24.08	-04 04.2	2.019	3.007	167.9	4.0	16.8
1992 08 26	23 47.98	-22 44.5	1.863	2.815	155.6	8.5	17.2
- 6.56 -0.80	- 96.2 + 4.6	1986 GV	18626	- 7.38 +0.55	- 37.5	+13.1	
1992 09 25	23 24.58	-26 20.7	1.941	2.859	150.8	9.9	17.4
1992 08 26	23 48.09	+06 19.5	1.940	2.874	152.5	9.3	15.9
- 6.29 -0.81	-2.0 - 7.0	1989 AO6	15251	- 7.75 +0.39	- 31.6	- 1.9	
1992 09 25	23 24.81	+05 19.6	1.863	2.852	168.3	4.1	15.5
1992 08 26	23 52.23	+10 40.4	1.357	2.283	148.9	13.2	16.2
- 6.98 -1.20	-2.6 -11.9	1989 UU1	16699	- 9.45 +0.54	- 60.6	- 5.1	
1992 09 25	23 24.37	+08 53.0	1.264	2.251	166.5	6.0	15.7
1992 08 26	23 48.55	+13 34.4	2.542	3.438	147.5	9.1	16.3
- 6.17 -0.64	-0.1 - 7.7	1989 AM1	18291	- 7.29 +0.31	- 38.4	- 4.1	
1992 09 25	23 26.61	+12 30.0	2.465	3.442	164.5	4.5	16.0

1992 08 26	23 53.40	-00 03.9	1.178	2.136	154.6	11.7	18.0
- 7.37 -1.17	-0.2 - 6.7	6058 P-L	19875	- 8.76 +0.76	- 17.0 + 1.7		
1992 09 25	23 25.62	-00 45.3	1.190	2.183	169.2	4.9	17.8
1992 08 26	23 50.80	-13 29.3	1.846	2.807	+1.19	+4.1	15.6
- 6.31 -0.77	- 97.4 + 0.3	1991 GP1	18826	- 7.17 +0.50	- 61.4 +10.5		
1992 09 25	23 28.23	-17 46.3	1.916	2.874	+1.21	+3.7	15.7
1992 08 26	23 51.63	-01 38.7	0.852	1.821	155.7	13.2	16.2
- 5.02 -1.37	- 75.3 - 9.4	1982 PC	13604	- 6.83 +0.83	- 75.4 + 9.3		
1992 09 25	23 29.76	-05 59.6	0.875	1.868	168.2	6.3	16.1
1992 08 26	23 56.08	-02 00.4	1.934	2.881	154.8	8.6	16.8
- 7.54 -0.87	- 10.9 - 3.9	1986 EZ	16024	- 9.08 +0.42	- 17.1 + 2.0		
1992 09 25	23 28.76	-02 53.2	1.891	2.883	169.4	3.7	16.5
1992 08 26	23 54.94	-10 59.2	1.137	2.103	156.7	10.9	15.9
- 6.00 -1.33	- 88.2 - 3.8	1984 BS	18424	- 8.71 +0.60	- 58.5 +12.8		
1992 09 25	23 29.31	-15 10.1	1.093	2.068	161.3	9.0	15.7
1992 08 26	23 55.62	-04 14.9	0.858	1.827	155.6	13.2	16.2
- 5.48 -1.57	- 30.7 - 7.0	1989 SD	15421	- 8.73 +0.72	- 31.7 + 7.1		
1992 09 25	23 30.05	-06 14.7	0.809	1.802	168.1	6.6	15.8
1992 08 26	23 56.98	+00 19.2	1.792	2.735	153.7	9.4	18.1
- 6.63 -0.91	- 43.2 - 6.2	1352 T-2	15080	- 8.41 +0.40	- 56.1 + 2.5		
1992 09 25	23 31.99	-02 25.9	1.741	2.735	170.3	3.5	17.7
1992 08 26	23 56.82	+04 27.6	2.007	2.936	151.7	9.4	18.5
- 6.35 -0.82	-6.6 - 6.2	1182 T-3	16440	- 7.99 +0.35	- 30.0 - 0.8		
1992 09 25	23 33.17	+03 22.9	1.948	2.942	170.9	3.1	18.1
1992 08 26	23 55.36	-00 12.0	1.760	2.706	154.3	9.3	17.0
- 5.66 -0.90	- 31.4 - 5.8	1987 SM12	13692	- 7.50 +0.37	- 43.8 + 2.2		
1992 09 25	23 33.29	-02 19.4	1.699	2.693	170.7	3.5	16.6
1992 08 26	23 56.97	-11 47.7	1.840	2.795	156.2	8.4	16.6
- 5.85 -0.84	- 94.3 - 1.3	1991 GB2	18440	- 7.32 +0.41	- 66.6 + 9.7		
1992 09 25	23 34.91	-16 09.3	1.862	2.829	161.0	6.6	16.6
1992 08 26	23 59.69	+01 21.4	0.945	1.900	152.6	14.2	16.2
- 4.81 -1.47	- 37.8 -10.9	(4777)	18092	- 8.11 +0.57	- 65.4 + 3.3		
1992 09 25	23 36.54	-01 39.7	0.894	1.892	171.6	4.4	15.6
1992 08 26	23 59.00	+02 57.9	2.273	3.201	152.0	8.5	18.4
- 5.60 -0.73	- 51.4 - 6.2	1981 EN26	10619	- 7.15 +0.27	- 68.3 + 1.2		
1992 09 25	23 38.04	-00 15.2	2.212	3.209	172.3	2.4	18.0
1992 08 26	00 02.45	+02 48.9	1.519	2.454	151.3	11.4	17.6
- 6.00 -1.14	- 48.7 - 9.1	1987 DM6	15886	- 8.92 +0.32	- 76.9 + 1.2		
1992 09 25	23 37.37	-00 38.4	1.413	2.411	172.1	3.3	17.0
1992 08 26	00 04.42	-05 04.9	1.787	2.730	153.7	9.5	18.1
- 6.49 -0.99	- 55.0 - 4.4	1983 AB	18623	- 8.82 +0.32	- 52.9 + 5.3		
1992 09 25	23 39.03	-08 04.5	1.724	2.714	168.4	4.3	17.7
1992 08 26	23 59.83	-01 05.0	0.827	1.789	153.6	14.6	15.7
- 3.56 -1.49	- 70.0 -10.6	1981 EY30	15704	- 6.64 +0.63	- 78.9 + 8.4		
1992 09 25	23 40.60	-05 23.9	0.820	1.816	170.6	5.2	15.3

1992 08 26	00 01.24	-03 44.9	2.210	3.150	154.1	8.1	17.3
- 5.29 -0.76	- 41.2 - 3.7	1986 PQ1	11148	- 7.01 +0.25	- 42.7 + 3.4		
1992 09 25	23 40.95	-06 03.8	2.153	3.146	170.2	3.1	17.0
1992 08 26	00 09.11	-12 04.6	1.547	2.491	153.2	10.5	16.2
- 6.79 -1.14	- 60.0 - 1.2	1989 WD	18294	- 9.35 +0.41	- 32.5 + 9.6		
1992 09 25	23 42.04	-14 43.3	1.522	2.499	163.1	6.7	16.0
1992 08 26	00 06.13	-08 08.9	2.089	3.029	153.8	8.5	18.1
- 6.16 -0.86	- 52.0 - 2.5	1990 BH1	16032	- 8.23 +0.26	- 42.1 + 5.7		
1992 09 25	23 42.48	-10 45.3	2.032	3.017	166.7	4.4	17.8
1992 08 26	00 05.42	-06 29.0	1.083	2.039	153.7	12.7	15.7
- 4.69 -1.35	- 55.1 - 5.1	(4864)	18405	- 7.74 +0.49	- 43.3 + 8.8		
1992 09 25	23 43.37	-09 22.4	1.063	2.055	168.0	5.8	15.4
1992 08 26	00 11.61	-04 33.4	1.577	2.513	151.8	11.0	17.7
- 7.05 -1.16	- 36.7 - 4.4	1984 FU	15554	- 9.85 +0.36	- 35.6 + 4.9		
1992 09 25	23 43.46	-06 39.0	1.524	2.518	170.2	3.9	17.3
1992 08 26	00 11.64	-00 25.2	1.629	2.558	150.6	11.2	17.9
- 6.13 -1.18	- 26.5 - 6.2	1990 BE2	18120	- 9.64 +0.18	- 42.5 + 1.8		
1992 09 25	23 45.48	-02 23.6	1.500	2.499	173.4	2.6	17.3
1992 08 26	00 10.42	+00 35.9	1.543	2.473	150.5	11.6	17.6
- 5.66 -1.15	- 61.4 - 8.2	1991 JN1	18639	- 8.75 +0.26	- 79.9 + 3.1		
1992 09 25	23 46.20	-03 17.0	1.459	2.457	173.1	2.8	17.1
1992 08 26	00 09.83	-25 57.2	0.910	1.854	149.8	15.9	15.6
- 3.69 -1.72	-267.5 + 6.3	(4764)	17948	- 8.16 +0.51	-126.0 +34.0		
1992 09 25	23 47.91	-36 38.6	0.969	1.865	142.2	19.3	15.9
1992 08 26	00 11.62	+06 34.7	1.812	2.719	147.5	11.5	18.2
- 5.19 -0.98	- 21.9 - 8.1	1981 EZ10	10615	- 7.81 +0.21	- 54.0 - 1.5		
1992 09 25	23 49.91	+04 28.7	1.731	2.731	174.2	2.1	17.6
1992 08 26	00 13.36	+05 55.6	0.933	1.866	147.5	16.9	16.1
- 4.37 -1.60	- 22.9 -13.1	1986 UQ	15414	- 8.66 +0.42	- 72.2 - 0.7		
1992 09 25	23 50.09	+03 10.1	0.884	1.885	174.9	2.7	15.4
1992 08 26	00 17.64	-02 42.6	1.495	2.422	149.9	12.1	16.3
- 6.00 -1.21	- 36.2 - 5.5	1991 HG	18440	- 9.23 +0.28	- 41.6 + 4.1		
1992 09 25	23 52.06	-04 57.2	1.441	2.439	172.9	2.9	15.8
1992 08 26	00 13.72	+15 13.7	1.863	2.731	142.0	13.2	17.4
- 4.48 -1.01	+8.1 -10.0	1989 CX2	15716	- 7.54 +0.12	- 47.5 - 6.9		
1992 09 25	23 53.63	+14 09.0	1.731	2.715	166.3	5.0	16.9
1992 08 26	00 15.41	+05 28.8	1.903	2.807	147.2	11.2	16.6
- 5.27 -0.97	- 21.6 - 7.3	1990 DM2	19865	- 7.99 +0.17	- 49.6 - 1.0		
1992 09 25	23 53.43	+03 30.4	1.817	2.817	175.5	1.6	16.1
1992 08 26	00 17.37	+08 47.3	1.381	2.285	145.1	14.7	18.8
- 5.14 -1.30	- 33.4 -11.8	1981 EK12	18417	- 8.97 +0.21	- 84.0 - 2.8		
1992 09 25	23 53.42	+05 34.7	1.285	2.285	174.0	2.6	18.1
1992 08 26	00 24.52	-35 31.9	2.327	3.187	142.2	11.2	16.0
- 7.08 -1.09	- 78.9 + 6.6	1934 GA	16226	-10.08 +0.21	-9.2 +14.9		
1992 09 25	23 56.38	-37 59.4	2.320	3.163	141.0	11.5	16.0

1992 08 26	00 17.95	+23 12.7	1.487	2.321	135.8	17.7	15.4
- 3.59 -1.29	+ 30.4 -13.9	(4914)	18782	- 8.04 +0.03	- 62.5	-14.5	
1992 09 25	23 58.07	+22 26.1	1.322	2.284	158.3	9.3	14.8
1992 08 26	00 18.27	-05 53.6	2.240	3.159	150.5	9.1	16.5
- 4.23 -0.81	- 76.0 - 3.8	(4893)	18611	- 6.59 +0.11	- 72.0	+ 5.2	
1992 09 25	00 00.36	-09 52.4	2.191	3.181	169.0	3.4	16.1
1992 08 26	00 19.84	-08 20.2	1.515	2.445	150.4	11.8	17.1
- 3.56 -1.22	- 87.7 - 6.6	1979 UH	15877	- 8.01 -0.04	- 86.4	+ 7.9	
1992 09 25	00 00.31	-13 08.2	1.362	2.348	165.8	6.0	16.5
1992 08 26	00 23.18	+08 15.8	1.870	2.754	144.2	12.4	17.0
- 4.04 -1.04	- 53.3 -10.1	1971 SX3	12007	- 7.58 0.00	- 96.2	- 2.4	
1992 09 25	00 03.85	+04 17.4	1.714	2.716	176.4	1.3	16.2
1992 08 26	00 30.57	-28 23.0	1.727	2.617	144.6	12.9	16.5
- 6.27 -1.23	- 83.7 + 6.1	1991 HO	18441	- 9.42 +0.29	- 11.4	+15.8	
1992 09 25	00 04.23	-31 03.5	1.780	2.683	148.0	11.4	16.6
1992 08 26	00 23.31	+00 49.0	2.549	3.444	147.4	9.1	17.0
- 4.19 -0.75	- 39.2 - 4.7	2222 T-2	16243	- 6.50 +0.05	- 50.9	+ 1.2	
1992 09 25	00 05.82	-01 37.0	2.464	3.466	177.4	0.8	16.5
1992 08 26	00 27.29	+14 30.8	2.121	2.966	139.9	12.7	16.7
- 4.74 -0.99	+ 15.2 - 8.2	1989 AK1	14357	- 8.13 0.00	- 31.9	- 6.2	
1992 09 25	00 06.17	+14 02.1	1.976	2.961	166.9	4.4	16.2
1992 08 26	00 25.14	-05 13.9	1.908	2.820	148.6	10.7	16.5
- 3.84 -0.97	- 74.9 - 4.7	(4873)	18409	- 6.88 +0.06	- 72.8	+ 5.7	
1992 09 25	00 07.15	-09 14.6	1.851	2.843	169.8	3.6	16.1
1992 08 26	00 29.08	+11 17.8	1.685	2.554	141.3	14.3	16.6
- 4.45 -1.19	- 33.5 -11.1	(4892)	18611	- 8.58 -0.01	- 86.8	- 4.6	
1992 09 25	00 07.37	+08 05.7	1.543	2.541	172.8	2.8	15.9
1992 09 25	00 09.23	-02 53.8	1.823	2.825	176.2	1.4	16.2
- 7.51 +0.02	- 95.7 + 2.3	1982 EF	17629	- 3.95 +1.03	- 53.9	+10.1	
1992 10 25	23 50.19	-06 52.5	1.975	2.831	142.8	12.3	17.0
1992 09 25	00 10.31	+02 49.0	1.622	2.624	178.0	0.8	17.8
- 8.92 +0.02	- 78.0 - 0.9	1977 EK1	12004	- 4.76 +1.19	- 51.4	+ 8.5	
1992 10 25	23 47.63	-00 42.2	1.760	2.636	144.9	12.5	18.6
1992 09 25	00 10.66	-01 30.6	1.401	2.404	177.5	1.0	17.3
- 9.73 +0.04	- 67.7 + 2.0	9512 P-L	18132	- 4.85 +1.36	- 27.1	+ 9.8	
1992 10 25	23 46.39	-04 07.2	1.551	2.422	143.2	14.2	18.2
1992 09 25	00 11.33	+15 01.7	1.192	2.178	165.9	6.5	15.1
-11.12 -0.28	+8.5 -10.1	1990 DD	16241	- 6.29 +1.66	- 23.3	+ 0.7	
1992 10 25	23 41.64	+14 19.3	1.226	2.127	146.5	14.9	15.4
1992 09 25	00 13.42	-02 48.8	1.659	2.660	176.1	1.5	16.6
- 7.26 0.00	- 45.8 + 2.3	1989 AN6	18816	- 3.59 +1.07	- 11.5	+ 7.9	
1992 10 25	23 55.19	-04 25.2	1.812	2.688	145.0	12.2	17.4
1992 09 25	00 13.58	+02 16.9	0.806	1.809	178.1	1.1	16.0
- 6.90 0.00	- 86.1 - 0.4	1978 QA2	10291	- 1.09 +1.59	- 38.0	+13.4	
1992 10 25	23 58.68	-01 14.7	0.927	1.844	147.3	17.0	17.1

1992 09 25	00 14.68	+01 07.0	1.548	2.551	178.4	0.6	17.6
- 9.74 +0.05	- 50.2 + 0.3	2604 P-L	14627	- 5.22 +1.26	- 22.9 + 7.5		
1992 10 25	23 50.02	-00 55.9	1.719	2.599	145.4	12.5	18.5
1992 09 25	00 17.70	+04 05.9	1.323	2.325	176.0	1.7	16.4
- 9.95 -0.24	- 21.9 - 2.5	(5054)	19664	- 5.91 +1.40	- 10.0 + 6.0		
1992 10 25	23 50.88	+03 02.5	1.379	2.279	147.0	13.7	17.0
1992 09 25	00 18.27	-46 13.5	2.433	3.200	132.8	13.3	17.2
-10.96 -0.04	- 21.7 +16.9	1986 GU	14618	- 6.68 +1.27	+ 72.0 +12.7		
1992 10 25	23 49.39	-44 50.0	2.591	3.155	115.9	16.5	17.4
1992 09 25	00 20.11	+05 38.8	1.041	2.041	174.4	2.7	14.7
- 8.95 -0.05	- 72.5 - 3.1	(4842)	18277	- 3.67 +1.51	- 46.5 + 9.9		
1992 10 25	23 58.32	+02 16.3	1.178	2.091	148.5	14.4	15.6
1992 09 25	00 21.02	+02 27.7	1.533	2.535	176.5	1.4	16.6
- 9.20 -0.02	- 24.1 - 0.7	1978 RR	14186	- 5.05 +1.21	-6.7 + 5.7		
1992 10 25	23 57.40	+01 29.8	1.701	2.598	148.0	11.7	17.4
1992 09 25	00 21.43	-04 23.0	1.293	2.292	173.8	2.7	16.6
- 9.19 -0.27	- 50.3 + 2.8	1977 UD	13690	- 5.40 +1.36	-5.0 +10.6		
1992 10 25	23 56.55	-06 00.1	1.353	2.238	144.6	14.9	17.2
1992 09 25	00 23.04	+38 04.9	1.014	1.911	142.7	18.6	15.9
-10.00 -0.50	- 65.7 -29.9	1991 GD	18438	- 4.67 +1.96	-197.4 - 8.3		
1992 10 25	23 56.45	+30 50.1	0.972	1.881	146.1	17.1	15.7
1992 09 25	00 23.36	+00 09.2	1.551	2.552	176.2	1.5	16.2
- 7.32 -0.25	- 83.1 - 0.9	1983 XH1	16024	- 4.49 +1.09	- 53.4 + 9.7		
1992 10 25	00 03.19	-03 35.1	1.596	2.491	147.2	12.5	16.7
1992 09 25	00 24.73	+04 11.2	1.473	2.474	174.8	2.1	17.1
- 8.60 -0.14	- 52.0 - 2.0	1987 HK	20014	- 4.92 +1.19	- 33.7 + 7.1		
1992 10 25	00 02.00	+01 46.0	1.594	2.501	149.2	11.7	17.7
1992 09 25	00 24.74	+04 25.4	1.642	2.642	174.6	2.0	17.4
- 8.31 -0.18	- 76.4 - 2.4	2908 T-2	19329	- 5.16 +1.09	- 57.4 + 7.8		
1992 10 25	00 02.20	+00 46.0	1.736	2.638	148.9	11.2	18.0
1992 09 25	00 25.42	+10 00.8	0.918	1.914	170.0	5.2	15.2
- 8.48 -0.30	- 51.9 - 8.3	1982 TD2	15882	- 3.71 +1.62	- 52.5 + 7.5		
1992 10 25	00 03.58	+06 54.8	0.990	1.921	151.1	14.5	15.7
1992 09 25	00 25.20	-19 24.5	2.411	3.367	159.3	6.1	16.5
- 6.95 -0.09	- 59.5 + 8.1	(4952)	18797	- 4.55 +0.80	-1.2 +10.0		
1992 10 25	00 06.32	-20 58.9	2.593	3.387	136.8	11.6	16.9
1992 09 25	00 24.94	+09 31.8	0.826	1.822	170.4	5.2	15.3
- 5.77 -0.22	- 75.9 - 7.6	1971 QR1	13852	- 1.17 +1.46	- 63.4 +10.2		
1992 10 25	00 11.45	+05 29.8	0.926	1.866	152.6	14.2	16.0
1992 09 25	00 26.85	-06 09.5	1.485	2.481	171.6	3.4	18.1
- 9.20 -0.23	- 66.6 + 3.9	1989 WK4	15897	- 5.76 +1.22	- 16.6 +10.9		
1992 10 25	00 01.74	-08 27.2	1.585	2.462	144.3	13.6	18.6
1992 09 25	00 26.36	+03 04.4	2.262	3.262	175.0	1.5	17.5
- 7.28 -0.11	- 47.0 - 0.9	1990 EZ5	17210	- 4.91 +0.81	- 32.4 + 5.2		
1992 10 25	00 06.38	+00 54.0	2.395	3.293	149.9	8.7	18.1

1992 09 25	00 29.15	+54 16.5	0.965	1.757	126.5	27.3	16.4
-13.08 -1.28	+ 65.6 -34.1	1989 PA	18292	- 7.11 +2.91	-133.8	-25.4	
1992 10 25	23 51.02	+52 18.0	0.905	1.738	132.3	25.0	16.1
1992 09 25	00 27.76	+26 22.5	1.894	2.830	154.1	8.9	15.2
- 7.35 -0.22	- 40.1 -12.1	1986 RB12	14789	- 4.66 +1.01	- 85.3	- 1.7	
1992 10 25	00 07.47	+22 55.1	1.930	2.843	151.4	9.6	15.3
1992 09 25	00 31.20	+09 05.2	1.532	2.526	170.0	3.9	16.8
-12.94 -0.64	+ 14.4 - 4.7	1943 DF	17952	-10.60 +1.32	+2.8	+ 1.6	
1992 10 25	23 52.27	+09 19.3	1.513	2.419	148.8	12.3	17.1
1992 09 25	00 29.65	+04 55.4	1.532	2.531	173.3	2.6	14.5
- 6.98 -0.31	-102.4 - 4.3	(4950)	18796	- 4.47 +1.05	- 85.4	+ 9.2	
1992 10 25	00 09.97	-00 11.2	1.563	2.476	150.3	11.5	14.9
1992 09 25	00 30.89	-02 34.4	1.278	2.277	173.4	2.9	16.6
- 9.09 -0.29	- 63.5 + 2.0	1982 VV10	18283	- 5.46 +1.31	- 19.9	+10.7	
1992 10 25	00 06.11	-04 55.7	1.373	2.273	147.1	13.7	17.3
1992 09 25	00 31.94	+06 54.8	0.822	1.820	171.6	4.6	15.3
- 9.38 -0.47	-4.4 - 5.7	1935 SC	14181	- 4.63 +1.75	-3.7	+ 5.6	
1992 10 25	00 06.82	+06 21.7	0.888	1.825	151.7	15.0	15.9
1992 09 25	00 30.91	-00 29.7	1.028	2.028	174.2	2.9	16.4
- 7.87 -0.42	- 84.6 - 0.3	1978 TP2	13600	- 4.25 +1.43	- 39.9	+13.1	
1992 10 25	00 09.32	-04 01.2	1.081	1.997	148.3	15.2	17.0
1992 09 25	00 30.04	-00 37.3	3.214	4.213	174.4	1.3	16.8
- 5.61 -0.12	- 46.1 + 0.2	1984 SW5	18625	- 4.27 +0.53	- 30.7	+ 4.5	
1992 10 25	00 14.01	-02 40.4	3.309	4.199	150.0	6.8	17.2
1992 09 25	00 32.31	-06 49.4	1.554	2.548	170.2	3.8	16.2
- 8.69 -0.23	- 69.2 + 4.4	(4830)	18272	- 5.57 +1.13	- 17.8	+10.9	
1992 10 25	00 08.41	-09 12.0	1.674	2.554	145.2	12.8	16.8
1992 09 25	00 33.61	+08 52.6	1.502	2.495	169.8	4.1	17.2
-10.49 -0.19	- 33.0 - 4.8	1984 DZ	19294	- 6.70 +1.27	- 32.7	+ 4.6	
1992 10 25	00 05.14	+06 56.7	1.636	2.554	151.5	10.7	17.8
1992 09 25	00 33.54	-17 28.9	1.825	2.791	160.6	6.9	16.1
- 9.43 -0.15	- 31.4 + 9.3	1991 JJ	18442	- 6.20 +1.08	+ 32.6	+10.3	
1992 10 25	00 07.83	-17 28.5	1.987	2.819	139.6	13.2	16.6
1992 09 25	00 33.65	-03 09.6	1.313	2.311	172.5	3.3	15.3
- 7.57 -0.22	- 49.8 + 2.9	(4861)	18404	- 4.17 +1.17	-7.1	+ 9.7	
1992 10 25	00 13.47	-04 47.5	1.448	2.355	148.8	12.6	16.0
1992 09 25	00 34.27	+05 52.1	1.167	2.164	171.8	3.8	14.9
- 6.45 -0.32	-117.7 - 4.3	1988 VL	14025	- 3.29 +1.20	- 89.0	+12.2	
1992 10 25	00 16.85	+00 11.4	1.253	2.181	152.0	12.4	15.4
1992 09 25	00 39.29	-42 45.9	1.219	2.060	135.8	19.8	17.1
-14.17 -0.24	-8.6 +28.4	(4765)	17948	- 7.48 +1.97	+139.8	+17.7	
1992 10 25	00 02.76	-39 08.6	1.355	2.062	122.0	24.1	17.5
1992 09 25	00 36.57	-19 02.4	1.811	2.770	158.9	7.5	16.1
- 9.12 -0.19	- 37.3 +10.1	1976 YA6	18413	- 6.09 +1.06	+ 31.8	+11.1	
1992 10 25	00 11.45	-19 12.3	1.968	2.795	139.0	13.5	16.6

1992 09 25	00 36.97	+02 38.4	1.424	2.422	172.6	3.0	18.0
- 8.97 -0.44	- 51.5 - 2.1	1989 YV4	18119	- 6.41 +1.18	- 32.1 + 7.8		
1992 10 25	00 10.92	+00 14.9	1.463	2.380	150.7	11.8	18.4
1992 09 25	00 36.73	-15 52.8	1.999	2.969	161.8	6.1	17.3
- 8.66 -0.19	- 52.4 + 7.9	1991 LW	18641	- 6.06 +0.95	+7.8 +10.5		
1992 10 25	00 12.55	-17 04.3	2.155	2.992	140.7	12.2	17.8
1992 09 25	00 37.09	+06 23.1	1.702	2.697	171.0	3.3	17.6
- 8.35 -0.34	- 36.3 - 3.4	1981 EJ23	10541	- 6.08 +1.01	- 31.4 + 4.8		
1992 10 25	00 12.96	+04 26.3	1.756	2.678	152.7	9.8	18.0
1992 09 25	00 36.53	-12 58.2	2.320	3.297	164.5	4.7	16.3
- 7.16 -0.23	- 46.3 + 5.2	1977 AZ1	12448	- 5.38 +0.76	-0.4 + 8.9		
1992 10 25	00 15.92	-14 14.9	2.417	3.268	143.3	10.5	16.7
1992 09 25	00 39.07	-17 07.8	1.265	2.236	160.4	8.6	15.5
- 8.77 -0.29	- 35.4 +12.1	1977 AL1	15551	- 5.13 +1.29	+ 47.4 +12.9		
1992 10 25	00 15.29	-16 51.2	1.402	2.265	141.3	15.9	16.1
1992 09 25	00 41.20	+09 30.5	1.359	2.350	168.1	5.0	16.4
- 8.95 -0.40	- 67.8 - 6.2	1991 GZ	18439	- 6.06 +1.21	- 65.3 + 6.7		
1992 10 25	00 15.69	+05 46.9	1.432	2.365	153.7	10.7	16.8
1992 09 25	00 40.92	-01 36.6	1.353	2.349	171.5	3.6	16.4
- 7.98 -0.43	- 54.5 + 0.8	1988 VN	18291	- 5.48 +1.14	- 18.7 + 9.7		
1992 10 25	00 17.81	-03 42.9	1.414	2.331	150.3	12.2	16.8
1992 09 25	00 43.00	+08 11.4	1.452	2.443	168.7	4.6	16.6
- 9.77 -0.55	+4.7 - 4.4	1981 ED1	14187	- 7.62 +1.17	-1.9 + 2.5		
1992 10 25	00 13.71	+08 02.8	1.473	2.406	153.8	10.5	16.9
1992 09 25	00 41.93	+07 12.3	0.950	1.944	169.5	5.4	15.3
- 7.78 -0.64	- 65.9 - 6.9	1989 YK	15899	- 4.87 +1.45	- 57.3 + 9.3		
1992 10 25	00 19.10	+03 37.4	0.976	1.919	153.9	13.2	15.6
1992 09 25	00 45.69	+02 45.6	1.210	2.205	170.5	4.3	16.0
-10.26 -0.44	- 22.1 - 1.4	1974 OE	19855	- 6.86 +1.37	-3.9 + 6.6		
1992 10 25	00 16.68	+01 51.9	1.315	2.245	152.6	11.7	16.6
1992 09 25	00 46.07	+09 28.0	1.232	2.222	167.3	5.7	16.6
- 9.24 -0.51	- 37.2 - 6.3	1980 FH2	13301	- 6.40 +1.29	- 40.5 + 5.2		
1992 10 25	00 19.29	+07 10.1	1.302	2.242	154.9	10.8	17.0
1992 09 25	00 45.95	+11 06.7	1.602	2.587	166.2	5.3	17.5
- 7.27 -0.44	- 65.1 - 6.7	1981 EO15	10821	- 5.48 +0.96	- 71.4 + 4.8		
1992 10 25	00 24.24	+07 20.7	1.632	2.573	156.2	9.0	17.7
1992 09 25	00 47.64	+03 17.7	1.426	2.420	169.9	4.2	17.3
- 8.61 -0.36	- 70.3 - 1.5	(4885)	18608	- 5.92 +1.11	- 45.0 + 8.7		
1992 10 25	00 23.11	+00 06.1	1.546	2.475	153.3	10.4	17.8
1992 09 25	00 51.06	+05 26.7	1.018	2.010	168.4	5.7	16.3
- 9.48 -0.55	- 58.5 - 3.8	1976 QN	18413	- 6.13 +1.44	- 38.6 + 9.1		
1992 10 25	00 23.97	+02 37.3	1.118	2.061	154.6	11.9	16.8
1992 09 25	00 58.49	+47 15.1	1.641	2.433	132.4	17.7	18.4
-11.75 -1.30	+ 45.5 -20.4	1983 AA	15883	-11.56 +1.43	- 84.9 -18.6		
1992 10 25	00 18.43	+46 12.9	1.506	2.355	139.8	15.8	18.1

1992 09 25	00 55.12	+08 05.4	1.463	2.449	166.3	5.6	16.7
- 8.73 -0.47	- 57.7 - 4.6	1980 NB	14186	- 6.54 +1.07	- 51.4 + 6.2		
1992 10 25	00 29.38	+05 01.8	1.560	2.505	156.7	9.0	17.1
1992 09 25	00 55.82	+02 26.8	1.920	2.909	168.0	4.1	15.4
- 8.32 -0.42	- 13.1 - 0.9	1987 WS	18428	- 6.91 +0.83	- 1.4 + 4.4		
1992 10 25	00 30.66	+01 55.3	1.993	2.929	155.8	8.0	15.7
1992 09 25	00 55.43	+04 16.1	0.962	1.953	167.8	6.2	16.4
- 7.12 -0.69	- 96.6 - 3.8	1977 EG7	12581	- 4.84 +1.28	- 64.3 +12.8		
1992 10 25	00 33.83	-00 16.1	1.032	1.980	155.5	12.0	16.8
1992 09 25	00 56.07	+06 42.3	2.098	3.082	166.8	4.3	17.5
- 7.48 -0.37	- 32.5 - 2.7	1986 QJ2	16580	- 6.19 +0.74	- 28.9 + 3.8		
1992 10 25	00 33.51	+04 58.2	2.180	3.123	157.7	6.9	17.8
1992 09 25	00 59.68	+07 25.5	1.292	2.278	165.6	6.3	16.0
- 9.15 -0.51	- 38.7 - 4.2	1967 KB	18104	- 6.69 +1.17	- 32.5 + 5.8		
1992 10 25	00 32.80	+05 20.1	1.411	2.361	157.6	9.2	16.4
1992 09 25	00 58.78	-16 10.6	1.848	2.807	158.9	7.4	16.6
- 7.87 -0.41	- 79.7 + 8.3	1987 ML1	18427	- 6.28 +0.86	- 9.7 +12.9		
1992 10 25	00 35.21	-18 33.0	1.991	2.848	143.0	12.1	17.0
1992 09 25	00 59.42	+03 23.5	0.843	1.834	167.0	7.1	15.5
- 7.79 -0.74	- 52.8 - 2.3	1985 UJ3	13475	- 5.09 +1.41	- 22.8 +10.5		
1992 10 25	00 36.12	+01 06.6	0.938	1.893	156.7	12.0	16.0
1992 09 25	01 07.75	-02 20.2	1.161	2.145	164.8	7.0	15.1
- 8.88 -0.68	- 76.2 + 2.2	(4875)	18410	- 6.91 +1.19	- 25.9 +12.3		
1992 10 25	00 40.60	-05 12.0	1.270	2.207	153.9	11.4	15.5
1992 09 25	01 07.69	+06 17.2	1.791	2.770	164.3	5.6	16.5
- 9.24 -0.51	- 20.9 - 2.8	1991 GY	18302	- 7.87 +0.89	- 17.6 + 3.8		
1992 10 25	00 39.44	+05 07.2	1.888	2.839	159.1	7.2	16.8
1992 09 25	01 07.30	-12 53.6	1.891	2.854	159.9	6.9	17.7
- 7.64 -0.53	- 79.8 + 5.8	1979 MU8	18620	- 6.82 +0.76	- 20.1 +12.3		
1992 10 25	00 43.22	-15 35.3	1.977	2.859	146.5	11.1	17.9
1992 09 25	01 09.53	+03 25.3	1.824	2.803	164.5	5.5	17.9
- 8.42 -0.60	- 48.8 - 2.0	3474 T-3	16039	- 7.75 +0.78	- 35.6 + 6.1		
1992 10 25	00 42.72	+01 03.8	1.861	2.808	158.1	7.6	18.0
1992 09 25	01 09.00	+25 00.2	1.109	2.049	151.8	13.4	15.1
- 6.98 -0.98	+ 21.4 -15.7	1987 WU2	15251	- 6.35 +1.16	- 54.0 - 6.3		
1992 10 25	00 45.04	+23 53.7	1.113	2.072	158.9	10.0	15.0
1992 09 25	01 10.00	+04 28.3	0.889	1.874	164.2	8.4	16.1
- 6.97 -1.04	- 38.3 - 4.0	1974 QX1	17011	- 6.18 +1.24	- 21.7 + 8.9		
1992 10 25	00 46.05	+02 34.4	0.913	1.877	159.5	10.7	16.2
1992 09 25	01 10.90	-13 43.3	1.673	2.633	158.7	8.0	16.3
- 7.15 -0.68	- 87.8 + 6.0	1990 FS1	16437	- 6.83 +0.77	- 20.8 +14.2		
1992 10 25	00 47.25	-16 41.6	1.711	2.597	146.1	12.3	16.5
1992 09 25	01 11.30	+07 03.5	1.984	2.958	163.1	5.6	16.4
- 6.86 -0.52	- 37.7 - 3.1	1989 AL5	15893	- 6.33 +0.66	- 35.0 + 4.0		
1992 10 25	00 49.34	+05 01.3	2.038	2.997	161.4	6.1	16.5