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

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

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

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

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

Brian G. Marsden, Director

Gareth V. Williams, Associate Director

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Syuichi Nakano, Liaison in Japan

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.	1976 SS ₂	1999 01 19.22595	07 19 15.27	+27 42 48.0	18.7	704
1969 TQ ₁	1999 01 13.43862	10 13 16.13	+15 06 32.8	18.3 R	699	1976 SS ₂	1999 01 19.24808	07 19 13.67	+27 42 50.4	20.1	704	
1969 TQ ₁	1999 01 13.45900	10 13 15.68	+15 06 36.8		699	1976 SS ₂	1999 01 19.27037	07 19 12.15	+27 42 51.6	19.2	704	
1969 TQ ₁	1999 01 13.47939	10 13 15.10	+15 06 41.8		699	1976 UJ ₄	1999 01 16.08761	05 30 44.91	+24 23 12.2	18.5	704	
1970 OF	1999 01 15.02718	10 36 03.30	+08 09 05.0	18.9 V	910	1976 UJ ₄	1999 01 16.10964	05 30 44.32	+24 23 14.5	18.5	704	
1970 OF	1999 01 15.05222	10 36 02.57	+08 09 07.0	19.1 V	910	1976 UJ ₄	1999 01 16.13164	05 30 43.52	+24 23 18.0	18.7	704	
1970 OF	1999 01 15.07559	10 36 01.91	+08 09 08.9	18.9 V	910	1976 UJ ₄	1999 01 16.15439	05 30 42.81	+24 23 21.0	18.5	704	
1970 OF	1999 01 15.11684	10 36 00.66	+08 09 12.4	19.1 V	910	1976 UJ ₄	1999 01 16.17644	05 30 42.05	+24 23 20.4	18.5	704	
1970 OF	1999 01 15.14152	10 35 59.96	+08 09 14.5	19.0 V	910	1976 UJ ₄	1999 01 17.21528	05 30 13.02	+24 24 32.8	18.0	732	
1970 OF	1999 01 15.17287	10 35 59.04	+08 09 17.3	19.2 V	910	1976 UJ ₄	1999 01 17.25059	05 30 11.99	+24 24 34.6	17.9	732	
1970 OF	1999 01 19.10299	10 33 58.32	+08 15 42.0	19.1 V	910	1976 UJ ₄	1999 01 18.19987	05 29 47.68	+24 25 40.7	17.8	732	
1970 OF	1999 01 19.12593	10 33 57.56	+08 15 44.7	19.0 V	910	1976 UJ ₄	1999 01 18.22288	05 29 46.97	+24 25 42.6	17.4	I 732	
1970 OF	1999 01 19.14928	10 33 56.75	+08 15 47.2	19.3 V	910	1976 UJ ₄	1999 01 19.08681	05 29 26.93	+24 26 38.6	17.9	704	
1970 OF	1999 01 19.98247	10 33 28.92	+08 17 21.5	19.0 V	910	1976 UJ ₄	1999 01 19.10876	05 29 26.51	+24 26 42.4	17.9	704	
1970 OF	1999 01 20.00610	10 33 28.09	+08 17 24.0	19.2 V	910	1976 UJ ₄	1999 01 19.15271	05 29 25.24	+24 26 42.9	19.0	704	
1970 OF	1999 01 20.03856	10 33 26.96	+08 17 27.9	19.0 V	910	1976 UJ ₄	1999 01 19.17469	05 29 24.58	+24 26 45.1	19.0	704	
1970 OF	1999 01 21.01736	10 32 53.10	+08 19 25.0	19.1 V	910	1976 UR ₁₅	1999 01 15.10583	06 29 40.43	+35 52 16.4	16.8	732	
1970 OF	1999 01 21.04165	10 32 52.24	+08 19 28.0	19.0 V	910	1976 UR ₁₅	1999 01 15.11149	06 29 40.15	+35 52 17.0	16.9	732	
1970 OF	1999 01 21.07050	10 32 51.18	+08 19 31.6	19.2 V	910	1976 UR ₁₅	1999 01 15.11757	06 29 39.62	+35 52 16.8	17.2	732	
1970 OF	1999 01 23.00363	10 31 41.16	+08 23 39.5	19.1 V	910	1976 UR ₁₅	1999 01 16.15370	06 28 37.27	+35 53 10.5	16.8	732	
1970 OF	1999 01 23.03090	10 31 40.12	+08 23 43.1	19.3 V	910	1976 UR ₁₅	1999 01 16.15876	06 28 36.92	+35 53 11.1	16.9	732	
1970 OF	1999 01 23.05601	10 31 39.16	+08 23 46.5	18.9 V	910	1976 UR ₁₅	1999 01 16.16396	06 28 36.63	+35 53 11.3	16.8	732	
1971 QO ₁	1999 01 08.24446	04 17 21.23	+33 01 41.0	17.6	704	1976 UR ₁₅	1999 01 16.19018	06 28 35.05	+35 53 09.8	17.2	704	
1971 QO ₁	1999 01 08.25692	04 17 20.72	+33 01 35.0	17.4	704	1976 UR ₁₅	1999 01 16.21215	06 28 33.72	+35 53 11.6		704	
1971 QO ₁	1999 01 08.28590	04 17 20.07	+33 01 26.9	17.4	704	1976 UR ₁₅	1999 01 16.23412	06 28 32.39	+35 53 14.1		704	
1971 QO ₁	1999 01 08.29858	04 17 19.61	+33 01 21.7	17.4	704	1976 UR ₁₅	1999 01 16.25619	06 28 30.99	+35 53 15.0	17.5	704	
1972 TE	1999 01 21.92503	04 46 02.26	+17 03 34.5	17.6	561	1976 UR ₁₅	1999 01 16.27812	06 28 29.69	+35 53 14.7	18.8	704	
1972 TE	1999 01 21.92853	04 46 02.27	+17 03 34.8		561	1976 UR ₁₅	1999 01 19.09613	06 25 48.07	+35 54 41.1		704	
1972 TE	1999 01 21.93223	04 46 02.28	+17 03 35.0		561	1976 UR ₁₅	1999 01 19.11815	06 25 46.89	+35 54 43.0		704	
1973 SX ₂	1999 01 13.21100	04 04 42.47	+02 30 06.8	16.6 R	699	1976 UR ₁₅	1999 01 19.16205	06 25 44.24	+35 54 45.6		704	
1973 SX ₂	1999 01 13.23140	04 04 42.46	+02 30 11.6		699	1976 YF ₃	1999 01 19.18402	06 25 43.10	+35 54 45.7		704	
1973 SX ₂	1999 01 13.25179	04 04 42.44	+02 30 15.3		699	1977 DT ₂	1998 10 20.38498	03 42 12.33	+26 51 35.7	15.8 V	689	
1974 PC	1999 01 14.24395	04 44 46.62	-07 39 39.6	18.9 R	699	1977 DT ₂	1999 01 16.08265	05 22 31.82	+24 23 23.4	18.1	704	
1974 PC	1999 01 14.25777	04 44 46.42	-07 39 24.1		699	1977 DT ₂	1999 01 16.10468	05 22 30.93	+24 23 22.3	18.1	704	
1974 PC	1999 01 14.27056	04 44 46.20	-07 39 08.6		699	1977 DT ₂	1999 01 16.12669	05 22 30.13	+24 23 21.7	18.1	704	
1974 SE	1999 01 15.42067	10 21 41.15	+07 25 37.3	17.1 R	699	1977 DT ₂	1999 01 16.14943	05 22 29.21	+24 23 19.4	19.2	704	
1974 SE	1999 01 15.44617	10 21 40.29	+07 25 40.0		699	1977 DT ₂	1999 01 16.17144	05 22 28.22	+24 23 17.3	19.3	704	
1974 SE	1999 01 15.47164	10 21 39.40	+07 25 41.2		699	1977 DQ ₃	1999 01 19.30039	07 52 43.70	+23 41 16.2	17.6	704	
1975 LY	1999 01 16.09170	05 54 01.51	+33 21 59.6	19.2	704	1977 DQ ₃	1999 01 19.32259	07 52 42.55	+23 41 17.7	17.6	704	
1975 LY	1999 01 16.11372	05 54 00.21	+33 21 53.8		704	1977 DQ ₃	1999 01 19.34475	07 52 41.31	+23 41 22.5	18.8	704	
1975 LY	1999 01 16.13647	05 53 59.05	+33 21 44.8		704	1977 DQ ₃	1999 01 19.36691	07 52 40.01	+23 41 24.3	18.9	704	
1975 LY	1999 01 16.15848	05 53 57.85	+33 21 35.3		704	1977 DQ ₃	1999 01 19.38895	07 52 38.71	+23 41 28.3	18.4	704	
1975 LY	1999 01 16.18053	05 53 56.81	+33 21 27.9	18.0	704	1977 EA ₆	1999 01 13.45009	09 49 40.32	+12 35 09.4	17.4 R	699	
1975 SE ₂	1999 01 16.08630	05 27 33.91	+32 21 56.6	18.7	704	1977 EA ₆	1999 01 13.47047	09 49 39.58	+12 35 09.7		699	
1975 SE ₂	1999 01 16.10833	05 27 33.19	+32 21 56.2	18.7	704	1977 EA ₆	1999 01 13.49086	09 49 38.66	+12 35 11.8		699	
1975 SE ₂	1999 01 16.13034	05 27 32.30	+32 21 52.4	18.7	704	1977 EA ₆	1999 01 13.50701	09 49 37.85	+12 35 12.2	17.5 V	691	
1975 SE ₂	1999 01 16.15309	05 27 31.40	+32 21 48.9	18.7	704	1977 EA ₆	1999 01 13.52521	09 49 37.12	+12 35 13.5	17.6 V	691	
1975 SE ₂	1999 01 16.17514	05 27 30.32	+32 21 48.1	18.8	704	1977 EA ₆	1999 01 15.50139	09 48 17.00	+12 37 38.4	17.5 V	691	
1975 TJ ₃	1998 12 18.43005	00 29 08.58	+03 19 32.4		327	1977 EA ₆	1999 01 15.51930	09 48 16.21	+12 37 39.6	17.5 V	691	
1975 TJ ₃	1998 12 18.44360	00 29 09.26	+03 19 40.6	17.7	327	1977 EA ₆	1999 01 15.53708	09 48 15.46	+12 37 41.1	17.6 V	691	
1975 TJ ₃	1998 12 18.45623	00 29 09.93	+03 19 48.9		327	1977 EA ₆	1999 01 23.96818	09 41 25.11	+12 53 08.1	18.0	120	
1975 TJ ₃	1999 01 08.08590	00 52 30.99	+07 11 11.1	17.0	704	1977 EA ₆	1999 01 23.99183	09 41 23.78	+12 53 11.3		120	
1975 TJ ₃	1999 01 08.09769	00 52 31.90	+07 11 15.5	16.9	704	1977 EA ₆	1999 01 24.03554	09 41 21.30	+12 53 17.3		120	
1975 TJ ₃	1999 01 08.10888	00 52 32.96	+07 11 24.3	16.7	704	1977 QN ₁	1999 01 10.07383	23 01 19.60	-01 39 54.8	19.1 R	699	
1975 TJ ₃	1999 01 08.12008	00 52 33.71	+07 11 33.2	16.6	704	1977 QN ₁	1999 01 10.08912	23 01 20.88	-01 39 45.0		699	
1975 TJ ₃	1999 01 21.77508	01 12 37.97	+09 59 32.5	18.7	561	1977 QN ₁	1999 01 10.10439	23 01 22.26	-01 39 33.8		699	
1975 TJ ₃	1999 01 21.77693	01 12 38.10	+09 59 34.0		561	1977 QD ₂	1999 01 05.08554	00 57 05.19	+12 09 53.0	18.5 R	699	
1975 TJ ₃	1999 01 21.77890	01 12 38.32	+09 59 35.3		561	1977 QD ₂	1999 01 05.10593	00 57 06.83	+12 10 03.1		699	
1975 VV ₂	1999 01 14.21378	07 50 25.38	+43 23 35.5	18.3	704	1977 QD ₂	1999 01 05.12630	00 57 08.46	+12 10 11.5		699	
1975 VV ₂	1999 01 14.23750	07 50 23.74	+43 23 40.5	19.0	704	1977 QD ₂	1999 01 08.07539	01 01 23.26	+12 33 32.0	18.7	704	
1975 VV ₂	1999 01 14.26049	07 50 22.36	+43 23 43.6	19.0	704	1977 QD ₂	1999 01 08.08637	01 01 24.18	+12 33 39.1	18.7	704	
1975 VV ₂	1999 01 14.28360	07 50 20.80	+43 23 45.8	19.5	704	1977 QD ₂	1999 01 08.10930	01 01 26.07	+12 33 48.0	19.0	704	
1975 VV ₂	1999 01 14.30639	07 50 19.37	+43 23 52.0	19.4	704	1977 QD ₂	1999 01 08.12050	01 01 26.97	+12 33 52.5	19.0	704	

1978 PC ₃	1999 01	19.28627	06 49 51.82	+29 10 00.6	19.3	704	1979 MK	1999 01	10.21234	04 00 49.32	+11 10 40.9	17.5 R	699
1978 PW ₃	1999 01	10.21234	04 05 11.10	+11 39 15.8	18.5 R	699	1979 MK	1999 01	10.24010	04 00 49.05	+11 10 46.0		699
1978 PW ₃	1999 01	10.24010	04 05 10.63	+11 39 19.1		699	1979 MK	1999 01	10.26559	04 00 48.79	+11 10 51.1		699
1978 QY ₁	1999 01	10.26559	04 05 10.26	+11 39 22.4		699	1979 MM ₁	1998 12	16.40323	08 33 35.00	+12 57 43.5	18.5 R	699
1978 QY ₁	1999 01	18.43091	08 33 29.09	+13 04 15.8		704	1979 MM ₁	1998 12	16.42368	08 33 34.61	+12 57 48.5		699
1978 QY ₁	1999 01	18.45295	08 33 27.72	+13 04 21.2	17.4	704	1979 MM ₁	1998 12	16.45265	08 33 33.92	+12 57 55.4		699
1978 QY ₁	1999 01	18.47508	08 33 26.45	+13 04 27.4	17.4	704	1979 MM ₁	1999 01	05.91468	08 22 30.21	+14 43 42.1	18.0	120
1978 QY ₁	1999 01	18.51933	08 33 23.67	+13 04 38.1	17.7	704	1979 MM ₁	1999 01	05.94163	08 22 29.12	+14 43 52.7		120
1978 RX ₁	1999 01	13.07956	00 36 12.25	-00 25 07.1	18.5 R	699	1979 MM ₁	1999 01	05.97008	08 22 27.79	+14 44 03.7		120
1978 RX ₁	1999 01	13.09483	00 36 13.92	-00 24 54.4		699	1979 MM ₁	1999 01	18.32458	08 12 54.93	+16 06 11.5	18.0	704
1978 RX ₁	1999 01	13.11238	00 36 15.97	-00 24 40.4		699	1979 MM ₁	1999 01	18.34723	08 12 53.73	+16 06 20.8	17.8	704
1978 RE ₃	1999 01	10.43166	10 03 01.75	+11 25 47.2	19.0 V	691	1979 MM ₁	1999 01	18.37043	08 12 52.72	+16 06 30.0	18.3	704
1978 RE ₃	1999 01	10.46134	10 03 00.77	+11 25 50.8	18.3 V	691	1979 MM ₁	1999 01	18.39237	08 12 51.48	+16 06 39.8	18.6	704
1978 RE ₃	1999 01	10.48265	10 03 00.06	+11 25 53.6	18.4 V	691	1979 MM ₁	1999 01	18.41440	08 12 50.23	+16 06 51.2	18.4	704
1978 RR ₈	1999 01	16.57627	07 32 21.95	+03 56 37.0	16.1 V	423	1979 MM ₁	1999 01	20.31364	08 11 17.71	+16 20 01.1	18.4	704
1978 RR ₈	1999 01	17.52816	07 31 33.91	+04 04 50.4	16.0 V	423	1979 MM ₁	1999 01	20.33571	08 11 16.63	+16 20 10.7	19.0	704
1978 RR ₈	1999 01	17.56148	07 31 32.09	+04 05 07.8	16.6 V	423	1979 MM ₁	1999 01	20.35778	08 11 15.62	+16 20 19.9	19.7	704
1978 RR ₈	1999 01	18.31238	07 30 54.17	+04 11 39.2	16.4	704	1979 MM ₁	1999 01	20.38114	08 11 14.41	+16 20 29.8	20.2	704
1978 RR ₈	1999 01	18.33442	07 30 53.00	+04 11 51.6	16.8	704	1979 MM ₁	1999 01	20.40312	08 11 13.21	+16 20 37.8	19.2	704
1978 RR ₈	1999 01	18.35811	07 30 51.82	+04 12 06.8	18.0	704	1979 MK ₃	1999 01	20.07855	10 55 37.34	+09 08 07.0	18.0 V	910
1978 RR ₈	1999 01	18.38022	07 30 50.54	+04 12 15.3		704	1979 MK ₃	1999 01	20.11316	10 55 36.81	+09 08 15.6	18.0 V	910
1978 RR ₈	1999 01	18.40226	07 30 49.38	+04 12 26.8	17.3	704	1979 MK ₃	1999 01	20.14745	10 55 36.30	+09 08 23.9	18.0 V	910
1978 RR ₈	1999 01	20.30173	07 29 15.16	+04 30 08.4	16.9	704	1979 MK ₃	1999 01	26.07264	10 53 50.99	+09 35 21.9	18.0 V	910
1978 RR ₈	1999 01	20.34589	07 29 12.95	+04 30 35.2	18.2	704	1979 MK ₃	1999 01	26.09547	10 53 50.46	+09 35 28.7	18.0 V	910
1978 RR ₈	1999 01	20.36832	07 29 11.78	+04 30 48.2	17.4	704	1979 MK ₃	1999 01	26.11883	10 53 49.92	+09 35 35.6	18.0 V	910
1978 RR ₈	1999 01	20.39128	07 29 10.56	+04 31 01.1	18.1	704	1979 MG ₄	1999 01	13.35138	08 24 42.62	+17 40 28.8	18.3 V	691
1978 RR ₈	1999 01	23.18198	07 26 56.83	+04 58 46.2	15.6 V	682	1979 MG ₄	1999 01	13.37342	08 24 41.52	+17 40 32.5	18.3 V	691
1978 RR ₈	1999 01	23.19759	07 26 56.03	+04 58 55.7	16.2 V	682	1979 MG ₄	1999 01	13.39547	08 24 40.43	+17 40 36.6	18.4 V	691
1978 SE ₃	1998 12	30.72266	08 15 31.75	+15 04 54.7	17.6	327	1979 MG ₄	1999 01	18.34708	08 20 36.83	+17 55 26.3	17.7	704
1978 SE ₃	1998 12	30.73601	08 15 31.02	+15 04 55.9		327	1979 MG ₄	1999 01	18.37028	08 20 35.58	+17 55 30.8	17.8	704
1978 SE ₃	1998 12	30.77487	08 15 30.39	+15 04 57.7		327	1979 MG ₄	1999 01	18.39222	08 20 34.33	+17 55 32.0	18.2	704
1978 SE ₃	1999 01	06.77041	08 09 12.39	+15 19 28.3		327	1979 MG ₄	1999 01	18.41426	08 20 33.03	+17 55 36.9	18.3	704
1978 SE ₃	1999 01	06.79110	08 09 11.19	+15 19 30.6	16.2	327	1979 MG ₄	1999 01	20.31437	08 18 57.57	+18 01 26.4	18.6	704
1978 SE ₃	1999 01	06.81188	08 09 09.88	+15 19 32.3		327	1979 MG ₄	1999 01	20.33644	08 18 56.42	+18 01 30.2	18.3	704
1978 SE ₃	1999 01	18.31921	07 57 34.58	+15 50 19.0	17.8	704	1979 MG ₄	1999 01	20.35852	08 18 55.15	+18 01 33.2	19.5	704
1978 SE ₃	1999 01	18.34187	07 57 33.14	+15 50 23.4	18.5	704	1979 MG ₄	1999 01	20.40385	08 18 52.84	+18 01 43.4	18.8	704
1978 SE ₃	1999 01	18.36495	07 57 31.55	+15 50 26.1	19.2	704	1979 MG ₄	1999 01	22.33134	08 17 14.86	+18 07 37.5	18.0 V	691
1978 SE ₃	1999 01	18.38700	07 57 30.18	+15 50 33.0	18.3	704	1979 MG ₄	1999 01	22.35345	08 17 13.70	+18 07 41.3	18.0 V	691
1978 SA ₅	1999 01	09.95174	08 51 57.66	+16 00 46.8	17.8	120	1979 MG ₄	1999 01	22.37559	08 17 12.54	+18 07 45.3	17.9 V	691
1978 SA ₅	1999 01	10.01665	08 51 53.88	+16 01 01.2		120	1979 MM ₆	1999 01	20.00550	06 54 51.15	+17 51 32.9		595
1978 SA ₅	1999 01	10.38030	08 51 33.26	+16 02 22.8	17.3 R	699	1979 MM ₆	1999 01	20.03124	06 54 49.89	+17 51 35.9		595
1978 SA ₅	1999 01	10.40583	08 51 31.69	+16 02 28.6		699	1979 MM ₆	1999 01	20.06507	06 54 48.24	+17 51 37.7		595
1978 SA ₅	1999 01	10.43139	08 51 30.18	+16 02 34.1		699	1979 MW ₆	1999 01	14.09896	02 01 17.25	+10 37 18.5	20.8 V	691
1978 SA ₅	1999 01	13.97251	08 47 59.79	+16 16 20.7	17.6	120	1979 MW ₆	1999 01	14.13046	02 01 18.31	+10 37 25.3	20.9 V	691
1978 SA ₅	1999 01	15.95516	08 45 55.01	+16 24 32.2	17.8	120	1979 MW ₆	1999 01	14.16201	02 01 19.44	+10 37 31.2	20.4 V	691
1978 SA ₅	1999 01	15.97784	08 45 53.46	+16 24 37.8		120	1979 MK ₇	1999 01	13.72666	10 27 11.32	+05 25 40.4	17.5 R	426
1978 SA ₅	1999 01	17.32416	08 44 26.29	+16 30 23.1	17.5 V	691	1979 MK ₇	1999 01	13.74341	10 27 10.96	+05 25 40.4	17.7 R	426
1978 SA ₅	1999 01	17.34605	08 44 24.80	+16 30 28.8	17.2 V	691	1979 MK ₇	1999 01	13.76016	10 27 10.81	+05 25 40.3	17.9 R	426
1978 SA ₅	1999 01	18.43179	08 43 13.35	+16 35 10.2	17.7	704	1979 MK ₇	1999 01	14.65270	10 26 56.74	+05 26 04.3	17.6 R	426
1978 SA ₅	1999 01	18.45383	08 43 11.77	+16 35 15.8	17.5	704	1979 MK ₇	1999 01	14.66582	10 26 56.52	+05 26 04.7	17.5 R	426
1978 SA ₅	1999 01	18.47596	08 43 10.24	+16 35 19.9	17.5	704	1979 MK ₇	1999 01	14.67870	10 26 56.35	+05 26 05.0	17.5 R	426
1978 SA ₅	1999 01	18.52020	08 43 07.12	+16 35 30.8	17.7	704	1979 MK ₇	1999 01	15.42194	10 26 43.54	+05 26 25.2	17.4 R	699
1978 SE ₅	1999 01	10.07383	22 59 46.99	-03 34 56.6	19.0 R	699	1979 MK ₇	1999 01	15.44745	10 26 43.06	+05 26 25.7		699
1978 SE ₅	1999 01	10.08912	22 59 48.50	-03 34 50.1		699	1979 MK ₇	1999 01	15.47222	10 26 42.56	+05 26 27.2		699
1978 SE ₅	1999 01	10.10439	22 59 49.99	-03 34 44.4		699	1979 MK ₇	1999 01	18.42274	10 25 44.52	+05 28 59.8	17.9	704
1978 SE ₅	1999 01	15.10363	11 06 28.57	+05 53 26.4	18.5	120	1979 MK ₇	1999 01	18.44477	10 25 43.91	+05 29 00.8	17.9	704
1978 SE ₅	1999 01	15.13334	11 06 28.12	+05 53 27.9		120	1979 MK ₇	1999 01	18.46689	10 25 43.31	+05 29 02.0	18.2	704
1978 SE ₅	1999 01	20.10529	11 04 54.98	+05 59 13.0	18.4	120	1979 MK ₇	1999 01	18.48911	10 25 42.90	+05 29 05.3	18.2	704
1978 SE ₅	1999 01	21.07002	11 04 32.45	+06 00 47.5	18.8	120	1979 MK ₇	1999 01	18.51112	10 25 42.38	+05 29 05.4	18.5	704
1978 SE ₅	1999 01	21.08430	11 04 32.11	+06 00 48.4		120	1979 OQ ₅	1999 01	14.33227	08 33 56.09	+18 42 40.5	17.3 V	691
1978 SE ₅	1999 01	22.02602	11 04 08.79	+06 02 27.5	18.6	120	1979 OQ ₅	1999 01	14.35642	08 33 54.87	+18 42 43.1	17.4 V	691
1978 SD ₇	1999 01	11.08211	01 36 01.43	+08 47 18.3	18.8	704	1979 OQ ₅	1999 01	14.37856	08 33 53.77	+18 42 45.2	17.3 V	691
1978 SD ₇	1999 01	11.09314	01 36 02.04	+08 47 22.7	18.8	704	1979 OQ ₅	1999 01	19.31282	08 29 46.96	+18 51 39.2	17.9	704
1978 SD ₇	1999 01	11.10424	01 36 02.67	+08 47 26.7	18.8	704	1979 OQ ₅	1999 01	19.33501	08 29 45.60	+18 51 43.6	16.8	704
1978 SD ₇	1999 01	15.09240	01 40 41.11	+09 10 31.3	18.9 V	691	1979 OQ ₅	1999 01	19.37922	08 29 43.22	+18 51 47.8	16.6	704
1978 SD ₇	1999 01	15.11346	01 40 42.65	+09 10 38.7	18.9 V	691	1979 OQ ₅	1999 01	19.40125	08 29 42.21	+18 51 49.4	17.5	704
1978 SD ₇	1999 01	15.13445	01 40 44.08	+09 10 46.6	18.8 V	691	1979 OQ ₅	1999 01	22.42787	08 27 06.34	+18 57 20.4	17.1 V	691
1978 SW ₇	1999 01	10.45733	09 30 35.75	+17 53 32.2	18.3 R	699	1979 OQ ₅	1999 01	2				

1980 BA	1999 01	11.14541	02 20 15.97	+07 07 00.3	17.9	704	1981 EG ₂₁	1999 01	19.95790	08 45 51.83	+13 07 19.7	120
1980 BA	1999 01	11.15600	02 20 16.55	+07 07 05.0	18.5	704	1981 EG ₂₁	1999 01	21.89266	08 44 26.05	+13 14 56.4	120
1980 BA	1999 01	11.16648	02 20 17.15	+07 07 11.4	18.5	704	1981 EG ₂₁	1999 01	21.90886	08 44 25.28	+13 14 59.9	120
1980 EB	1999 01	13.43735	10 04 09.14	+14 25 15.7	17.8 R	699	1981 EG ₂₁	1999 01	21.92122	08 44 24.75	+13 15 03.2	120
1980 EB	1999 01	13.45773	10 04 08.51	+14 25 18.1		699	1981 EG ₂₁	1999 01	22.85745	08 43 42.79	+13 18 47.4	120
1980 EB	1999 01	13.47811	10 04 07.94	+14 25 21.6		699	1981 EG ₂₁	1999 01	22.89902	08 43 40.95	+13 18 57.3	120
1980 FO ₁	1998 10	20.52314	07 01 42.69	+23 49 05.3	17.4 V	689	1981 EG ₂₁	1999 01	22.91449	08 43 40.08	+13 19 00.8	120
1980 FO ₁	1999 01	05.15360	06 34 41.84	+24 16 44.0		716	1981 EG ₂₁	1999 01	25.79698	08 41 29.91	+13 30 44.9	120
1980 FO ₁	1999 01	05.19517	06 34 39.47	+24 16 44.8		716	1981 EG ₂₁	1999 01	25.82346	08 41 28.78	+13 30 52.3	120
1980 FO ₁	1999 01	06.10646	06 33 47.51	+24 17 03.5		716	1981 EO ₂₁	1999 01	16.19164	06 09 11.26	+25 03 58.4	17.9
1980 FO ₁	1999 01	06.12520	06 33 46.39	+24 17 04.6		716	1981 EO ₂₁	1999 01	16.21361	06 09 10.22	+25 03 55.6	704
1980 FO ₁	1999 01	16.19296	06 24 47.82	+24 18 32.2	17.6	704	1981 EO ₂₁	1999 01	16.23558	06 09 09.20	+25 03 55.4	704
1980 FO ₁	1999 01	16.21492	06 24 46.73	+24 18 32.6	17.9	704	1981 EO ₂₁	1999 01	16.25766	06 09 08.18	+25 03 52.3	18.5
1980 FO ₁	1999 01	16.23689	06 24 45.63	+24 18 32.7		704	1981 EO ₂₁	1999 01	19.09744	06 07 09.02	+25 00 23.6	17.4
1980 FO ₁	1999 01	16.25897	06 24 44.21	+24 18 32.7	18.0	704	1981 EO ₂₁	1999 01	19.11947	06 07 08.08	+25 00 23.1	17.4
1980 FO ₁	1999 01	16.28089	06 24 43.21	+24 18 35.2	19.4	704	1981 EO ₂₁	1999 01	19.16337	06 07 06.37	+25 00 19.5	18.4
1980 FO ₁	1999 01	19.19015	06 22 26.02	+24 18 17.3	17.8	704	1981 EO ₂₁	1999 01	19.18533	06 07 05.15	+25 00 18.9	18.8
1980 FO ₁	1999 01	19.21243	06 22 24.95	+24 18 17.7		704	1981 EB ₂₃	1999 01	11.24386	04 53 44.00	+26 24 09.9	18.0
1980 FO ₁	1999 01	19.23470	06 22 23.94	+24 18 17.0		704	1981 EB ₂₃	1999 01	11.26514	04 53 43.33	+26 24 05.9	18.7
1980 FO ₁	1999 01	19.25694	06 22 22.90	+24 18 17.7	17.9	704	1981 EB ₂₃	1999 01	11.27578	04 53 42.82	+26 24 05.9	18.7
1980 FO ₁	1999 01	19.27916	06 22 21.57	+24 18 19.0	19.3	704	1981 EB ₂₃	1999 01	11.28629	04 53 42.60	+26 24 05.8	18.7
1980 FX ₃	1998 12	30.79926	10 49 06.17	+13 10 31.7		327	1981 EB ₂₄	1999 01	11.25248	04 50 10.11	+28 51 30.5	18.4
1980 FX ₃	1998 12	30.81640	10 49 06.38	+13 10 30.5	18.2	327	1981 EB ₂₄	1999 01	11.26305	04 50 09.65	+28 51 29.3	18.4
1980 FX ₃	1998 12	30.83354	10 49 06.68	+13 10 28.8		327	1981 EB ₂₄	1999 01	11.27363	04 50 09.33	+28 51 29.2	18.4
1980 FX ₃	1999 01	10.78205	10 50 07.80	+13 03 30.8	18.4	327	1981 EM ₂₄	1998 11	28.85882	08 56 04.52	+19 49 05.1	327
1980 FX ₃	1999 01	10.80733	10 50 07.65	+13 03 30.8		327	1981 EM ₂₄	1998 11	28.87516	08 56 04.72	+19 49 04.7	19.1
1980 FX ₃	1999 01	10.82885	10 50 07.48	+13 03 31.2		327	1981 EM ₂₄	1998 11	28.88927	08 56 04.85	+19 49 03.7	327
1980 LC ₁	1999 01	09.67903	08 40 15.99	+25 46 19.1	18	411	1981 EM ₂₄	1999 01	23.24601	08 28 29.31	+21 20 20.6	18.0 V
1980 LC ₁	1999 01	09.69800	08 40 14.89	+25 46 28.1		411	1981 EM ₂₄	1999 01	23.26859	08 28 27.96	+21 20 24.1	18.0 V
1980 LC ₁	1999 01	10.53477	08 39 29.51	+25 52 23.1		411	1981 EM ₂₄	1999 01	23.29107	08 28 26.61	+21 20 27.6	18.0 V
1980 LC ₁	1999 01	10.54199	08 39 29.07	+25 52 26.6		411	1981 EU ₂₄	1999 01	19.19815	07 05 32.12	+25 49 09.0	17.8
1980 PC ₃	1999 01	15.24118	08 01 11.48	+38 57 49.5	18.2 R	699	1981 EU ₂₄	1999 01	19.22043	07 05 30.83	+25 49 09.2	18.9
1980 PC ₃	1999 01	15.25391	08 01 10.48	+38 57 53.7		699	1981 EU ₂₄	1999 01	19.24271	07 05 29.52	+25 49 09.5	18.6
1980 PC ₃	1999 01	15.26744	08 01 09.50	+38 57 58.3		699	1981 EU ₂₄	1999 01	19.26494	07 05 28.26	+25 49 09.9	18.5
1980 PC ₃	1999 01	19.30361	07 56 23.20	+39 17 57.6	18.4	704	1981 ES ₂₄	1999 01	19.28713	07 05 26.85	+25 49 10.1	19.2
1980 PC ₃	1999 01	19.32580	07 56 21.65	+39 18 02.4	17.7	704	1981 ES ₂₈	1999 01	08.15785	02 35 43.90	+22 38 12.3	18.3 R
1980 PC ₃	1999 01	19.37011	07 56 18.31	+39 18 12.1	18.0	704	1981 ES ₂₈	1999 01	08.18328	02 35 44.43	+22 38 11.5	699
1980 PC ₃	1999 01	19.39216	07 56 16.61	+39 18 18.4	18.2	704	1981 ES ₂₈	1999 01	08.20870	02 35 44.84	+22 38 11.8	699
1980 RE ₁	1999 01	15.34876	09 50 02.15	+03 53 56.0	18.9 R	699	1981 EW ₃₀	1998 10	20.35541	02 59 30.71	+15 36 12.4	17.3 V
1980 RE ₁	1999 01	15.37361	09 50 01.27	+03 54 01.1		699	1981 EQ ₃₃	1998 12	21.02744	09 23 55.43	+14 13 50.9	20.3
1980 RE ₁	1999 01	15.39983	09 50 00.27	+03 54 06.2		699	1981 EQ ₃₃	1998 12	21.03047	09 23 55.38	+14 13 51.0	20.5
1980 RE ₁	1999 01	21.08716	09 46 21.95	+04 12 08.4	17.4 R	046	1981 EQ ₃₃	1999 01	15.43802	09 08 36.96	+14 31 28.2	19.8 V
1980 RE ₁	1999 01	21.09159	09 46 21.79	+04 12 09.8		046	1981 EQ ₃₃	1999 01	15.45961	09 08 35.73	+14 31 30.5	19.9 V
1980 RE ₁	1999 01	21.09340	09 46 21.70	+04 12 09.8		046	1981 EQ ₃₃	1999 01	15.48115	09 08 34.52	+14 31 32.3	19.6 V
1980 RE ₁	1999 01	22.07726	09 45 40.50	+04 15 49.0	17.6 R	046	1981 EM ₃₈	1999 01	17.45707	08 45 39.02	+18 02 02.2	18.8 V
1980 RE ₁	1999 01	22.07965	09 45 40.41	+04 15 49.2		046	1981 EM ₃₈	1999 01	17.47952	08 45 37.75	+18 02 04.4	18.9 V
1980 RE ₁	1999 01	22.08329	09 45 40.24	+04 15 50.4		046	1981 EM ₃₈	1999 01	17.50194	08 45 36.47	+18 02 06.2	19.1 V
1981 DY	1999 01	10.04373	08 50 27.24	+14 40 42.5	18.0	120	1981 EA ₃₉	1999 01	15.22506	08 17 02.46	+20 16 02.0	19.4 V
1981 DY	1999 01	14.01574	08 47 12.48	+14 45 07.4	18.4	120	1981 EA ₃₉	1999 01	15.24735	08 17 01.00	+20 16 06.1	19.5 V
1981 DY	1999 01	14.03786	08 47 11.31	+14 45 08.6		120	1981 EA ₃₉	1999 01	15.27148	08 16 59.40	+20 16 10.4	19.6 V
1981 DY	1999 01	20.79976	08 41 11.16	+14 54 36.8	18.4	120	1981 EU ₄₁	1999 01	18.31081	07 40 36.99	+17 12 48.6	18.3
1981 DY	1999 01	20.82133	08 41 10.03	+14 54 39.4		120	1981 EU ₄₁	1999 01	18.33283	07 40 35.72	+17 12 50.8	18.4
1981 DQ ₁	1999 01	16.20517	07 07 23.57	+23 05 13.7	17.8	704	1981 EU ₄₁	1999 01	18.35649	07 40 33.99	+17 12 55.1	18.5
1981 DQ ₁	1999 01	16.22714	07 07 22.35	+23 05 08.6	18.9	704	1981 EU ₄₁	1999 01	18.37865	07 40 32.64	+17 13 00.3	18.3
1981 DQ ₁	1999 01	16.24922	07 07 20.86	+23 05 05.8	17.9	704	1981 QG	1999 01	16.09521	05 52 17.57	+25 00 36.5	19.2
1981 DQ ₁	1999 01	16.29306	07 07 18.25	+23 04 56.8	19.2	704	1981 QG	1999 01	16.11722	05 52 16.58	+25 00 36.5	19.2
1981 DQ ₁	1999 01	19.22086	07 04 28.46	+22 56 20.0	19.2	704	1981 QG	1999 01	16.13995	05 52 15.91	+25 00 34.4	19.4
1981 DQ ₁	1999 01	19.24314	07 04 26.99	+22 56 11.3	18.5	704	1981 QG	1999 01	16.16198	05 52 14.92	+25 00 36.2	19.4
1981 DQ ₁	1999 01	19.26538	07 04 25.59	+22 56 07.8		704	1981 QG	1999 01	16.18403	05 52 13.67	+25 00 35.1	19.6
1981 DJ ₂	1999 01	23.41682	09 44 06.49	-07 27 01.3	18.6	704	1981 QJ ₃	1999 01	07.15142	02 39 48.99	+12 11 17.4	18.8 R
1981 DJ ₂	1999 01	23.43859	09 44 05.38	-07 27 00.0	19.5	704	1981 QJ ₃	1999 01	07.16671	02 39 49.13	+12 11 19.3	699
1981 DJ ₂	1999 01	23.46036	09 44 04.46	-07 26 58.0	19.5	704	1981 QJ ₃	1999 01	07.18200	02 39 49.40	+12 11 22.8	699
1981 EF ₂	1999 01	15.14979	02 58 09.29	+23 41 51.7	17.1 R	699	1981 RB ₂	1999 01	08.15022	02 01 38.57	+18 17 43.3	17.7 R
1981 EF ₂	1999 01	15.16055	02 58 09.66	+23 41 49.5		699	1981 RB ₂	1999 01	08.17565	02 01 39.45	+18 17 39.9	699
1981 EF ₂	1999 01	15.18030	02 58 10.01	+23 41 47.5		699	1981 RB ₂	1999 01	08.20108	02 01 40.42	+18 17 36.1	699
1981 EP ₉	1999 01	06.19657	03 06 58.24	+15 30 18.6	19.1 R	699	1981 RF ₇	1999 01	17.20703	08 49 09.86	+27 58 30.8	17.6
1981 EP ₉	1999 01	06.22301	03 06 58.69	+15 30 18.3		699	1981 RF ₇	1999 01	19.43548	08 46 54.33	+28 03 44.0	18.6
1981 EP ₉	1999 01	06.24456	03 06 59.00	+15 30 19.3		699	1981 RF ₇	1999 01	19.45737	08 46 52.97	+28 03 46.5	18.1
1981 EZ ₁₀	1999 01	10.37903	08 43 51.23	+15 04 40.2	18.7 R	699	1981 RF ₇	1999 01	19.47922	08 46 51.62	+28 03 48.8	17.9
1981 EZ ₁₀	1999 01	10.40456	08 43 50.02	+15 04 43.2		699	1981 RF ₇	1999 01	19.50121	08 46 50.21	+28 03 51.9	18.1
1981 EZ ₁₀	1999 01	10.43012	08 43 48.72	+15 04 45.9		699	1981 TW ₁	1999 01	20.22093	06 57 53.81	+15 11 37.0	17.5
1981 EZ ₁₀	1999 01	18.4312										

1981 WJ ₉	1999 01	15.12845	03 29 00.37	+11 52 30.2		699	1984 HO ₁	1999 01	16.15483	05 38 35.20	+28 40 07.1	18.6	704
1982 DP ₁	1999 01	19.41708	09 00 17.40	+29 10 18.4	17.1	704	1984 HO ₁	1999 01	16.17689	05 38 33.83	+28 40 04.9	19.1	704
1982 DP ₁	1999 01	19.43896	09 00 15.99	+29 10 26.3		704	1984 HO ₁	1999 01	19.10175	05 36 11.83	+28 35 45.7	18.5	704
1982 DP ₁	1999 01	19.46084	09 00 14.61	+29 10 34.2		704	1984 HO ₁	1999 01	19.12378	05 36 10.80	+28 35 42.4	18.5	704
1982 DP ₁	1999 01	19.48269	09 00 13.18	+29 10 41.5	17.4	704	1984 HO ₁	1999 01	19.14571	05 36 09.76	+28 35 37.4	18.5	704
1982 DP ₁	1999 01	19.50467	09 00 11.78	+29 10 49.0		704	1984 HO ₁	1999 01	19.16768	05 36 08.72	+28 35 37.1	18.5	704
1982 DC ₂	1999 01	07.03601	09 19 41.85	+09 31 18.6	17.6	120	1984 QB	1999 01	10.30810	08 00 19.58	+24 41 00.0	16.8 R	699
1982 DC ₂	1999 01	07.07782	09 19 40.74	+09 31 25.2		120	1984 QB	1999 01	10.33362	08 00 17.98	+24 41 01.3		699
1982 DC ₂	1999 01	14.37313	09 15 57.86	+09 56 05.5	16.5 R	699	1984 QB	1999 01	10.35931	08 00 16.34	+24 41 02.8		699
1982 DC ₂	1999 01	14.41322	09 15 56.23	+09 56 16.0		699	1984 QB	1999 01	19.30156	07 50 52.81	+24 45 46.9	17.7	704
1982 DC ₂	1999 01	14.43363	09 15 55.42	+09 56 20.9		699	1984 QB	1999 01	19.32376	07 50 51.36	+24 45 47.6	18.0	704
1982 DC ₂	1999 01	17.09612	09 14 09.51	+10 08 26.8	16.6 R	046	1984 QB	1999 01	19.34591	07 50 49.95	+24 45 48.6	19.4	704
1982 DC ₂	1999 01	17.09984	09 14 09.32	+10 08 27.9		046	1984 QM	1999 01	18.95483	07 40 42.53	+23 48 23.8	17.2 R	046
1982 DC ₂	1999 01	17.10176	09 14 09.26	+10 08 28.5		046	1984 QM	1999 01	18.95694	07 40 42.37	+23 48 24.2		046
1982 DC ₂	1999 01	19.07207	09 12 43.57	+10 18 26.8	16.6 R	046	1984 QM	1999 01	18.95956	07 40 42.17	+23 48 24.5		046
1982 DC ₂	1999 01	19.07477	09 12 43.44	+10 18 27.6		046	1984 QM	1999 01	19.22987	07 40 22.91	+23 48 53.3	17.4	704
1982 DC ₂	1999 01	19.07694	09 12 43.34	+10 18 28.2		046	1984 QM	1999 01	19.25212	07 40 21.28	+23 48 53.7	18.7	704
1982 KH ₁	1999 01	16.09112	05 52 29.42	+28 24 33.9	18.2	704	1984 QM	1999 01	19.27428	07 40 19.65	+23 48 58.3	18.6	704
1982 KH ₁	1999 01	16.11314	05 52 28.22	+28 24 36.6	19.1	704	1984 QM	1999 01	19.29642	07 40 18.01	+23 49 00.5	18.1	704
1982 KH ₁	1999 01	16.13588	05 52 27.19	+28 24 39.8	18.4	704	1984 QM	1999 01	20.10964	07 39 19.55	+23 50 13.3	17.2 R	046
1982 KH ₁	1999 01	16.15790	05 52 26.07	+28 24 40.1	18.4	704	1984 QM	1999 01	20.11120	07 39 19.44	+23 50 13.3		046
1982 KH ₁	1999 01	16.17995	05 52 25.03	+28 24 41.7	18.5	704	1984 QM	1999 01	20.11285	07 39 19.30	+23 50 13.4		046
1982 OF	1999 01	19.20746	07 40 58.32	+22 17 53.2	17.9	704	1984 RA	1999 01	14.51337	11 11 36.01	+04 58 49.3	17.9 R	699
1982 OF	1999 01	19.22972	07 40 56.76	+22 17 57.4	18.1	704	1984 RA	1999 01	14.52867	11 11 36.21	+04 59 02.5		699
1982 OF	1999 01	19.27414	07 40 53.73	+22 17 59.6	18.6	704	1984 RA	1999 01	14.54398	11 11 36.46	+04 59 15.1		699
1982 OF	1999 01	19.29627	07 40 52.34	+22 18 02.8	18.6	704	1984 RA	1999 01	15.50064	11 11 52.17	+05 13 12.0	17.1 R	699
1982 SW ₃	1999 01	18.09665	05 55 51.35	+12 52 41.1	16.6	704	1984 RA	1999 01	15.51595	11 11 52.33	+05 13 25.4		699
1982 SW ₃	1999 01	18.11863	05 55 50.41	+12 52 44.9	16.1	704	1984 RA	1999 01	15.53126	11 11 52.54	+05 13 39.0		699
1982 SW ₃	1999 01	18.14062	05 55 49.54	+12 52 48.7	16.1	704	1984 SA	1999 01	06.19020	02 52 54.69	+17 27 41.6	17.9 R	699
1982 SW ₃	1999 01	18.16295	05 55 48.63	+12 52 53.0	16.3	704	1984 SA	1999 01	06.21666	02 52 55.35	+17 27 39.4		699
1982 SW ₃	1999 01	18.18490	05 55 47.83	+12 52 57.0	16.3	704	1984 SA	1999 01	06.23818	02 52 55.87	+17 27 38.5		699
1982 US ₆	1999 01	08.07975	01 23 43.12	+09 14 29.6	18.1	704	1984 SL	1999 01	14.13752	06 43 52.83	+10 10 14.7		716
1982 US ₆	1999 01	08.09118	01 23 43.73	+09 14 36.6	17.7	704	1984 SL	1999 01	14.17348	06 43 50.95	+10 10 27.8		716
1982 US ₆	1999 01	08.10286	01 23 44.46	+09 14 42.6	17.7	704	1984 SL	1999 01	18.08630	06 40 35.82	+10 35 09.7		716
1982 US ₆	1999 01	08.11429	01 23 45.15	+09 14 48.5	18.1	704	1984 SL	1999 01	18.11685	06 40 34.30	+10 35 19.7		716
1982 US ₆	1999 01	08.12488	01 23 45.71	+09 14 53.4	17.9	704	1984 SL	1999 01	18.20044	06 40 30.23	+10 35 54.9	17.3	704
1982 US ₆	1999 01	11.08071	01 26 54.23	+09 42 46.5	17.7	704	1984 SL	1999 01	18.22249	06 40 29.12	+10 36 02.5		704
1982 US ₆	1999 01	11.09168	01 26 54.85	+09 42 51.0	17.7	704	1984 SL	1999 01	18.24530	06 40 28.03	+10 36 11.3		704
1982 US ₆	1999 01	11.10272	01 26 55.77	+09 42 59.2	18.7	704	1984 SL	1999 01	18.26723	06 40 26.95	+10 36 20.0		704
1982 US ₆	1999 01	11.11391	01 26 56.33	+09 43 04.8	18.6	704	1984 SL	1999 01	18.28931	06 40 25.86	+10 36 28.8		704
1982 US ₆	1999 01	11.12465	01 26 56.80	+09 43 10.0	18.6	704	1984 SL	1999 01	20.19203	06 38 58.58	+10 48 51.5		704
1982 US ₆	1999 01	18.11171	01 34 58.64	+10 50 24.0	17.7 V	691	1984 SL	1999 01	20.21381	06 38 57.61	+10 49 00.9		704
1982 US ₆	1999 01	18.15404	01 35 01.59	+10 50 48.6	17.7 V	691	1984 SL	1999 01	20.23578	06 38 56.62	+10 49 08.1		704
1982 UU ₈	1999 01	10.17470	07 31 28.41	+12 24 54.5	17.5 R	747	1984 SL	1999 01	20.25764	06 38 55.52	+10 49 16.4		704
1982 UU ₈	1999 01	10.19023	07 31 27.40	+12 24 54.6	17.8 R	747	1984 SL	1999 01	20.28019	06 38 54.53	+10 49 25.4	18.0	704
1982 UU ₈	1999 01	11.16369	07 30 25.01	+12 25 38.1	17.6 R	747	1984 UR	1999 01	20.13096	21 35 25.59	+24 10 57.6	17.2 V	689
1982 UU ₈	1999 01	11.19131	07 30 23.23	+12 25 40.0	18.3 R	747	1984 WJ ₁	1999 01	08.13567	02 35 47.03	+25 34 29.5	17.7	704
1982 UU ₈	1999 01	20.20666	07 20 57.54	+12 35 30.6	19.2	704	1984 WJ ₁	1999 01	08.14689	02 35 47.53	+25 34 32.8	17.7	704
1982 UU ₈	1999 01	20.22862	07 20 56.29	+12 35 30.9	18.2	704	1984 WJ ₁	1999 01	08.17025	02 35 48.69	+25 34 39.3	17.5	704
1982 UU ₈	1999 01	20.25048	07 20 55.03	+12 35 31.9	18.6	704	1984 WJ ₁	1999 01	08.18092	02 35 49.16	+25 34 41.7	17.5	704
1982 UU ₈	1999 01	20.27299	07 20 53.53	+12 35 35.7	18.0	704	1984 YL ₁	1999 01	24.68984	11 11 41.86	+16 53 01.7	16.6 R	426
1982 UC ₁₁	1999 01	06.80536	02 49 36.19	+15 52 34.8	18.4 V	910	1984 YL ₁	1999 01	24.69767	11 11 41.69	+16 53 04.6	16.6 R	426
1982 UC ₁₁	1999 01	06.83129	02 49 37.11	+15 52 36.5	18.6 V	910	1984 YL ₁	1999 01	24.70851	11 11 41.50	+16 53 08.8	16.7 R	426
1982 UC ₁₁	1999 01	06.85594	02 49 37.96	+15 52 38.0	18.6 V	910	1984 YL ₁	1999 01	26.64279	11 11 11.47	+17 05 30.3	16.6 R	426
1982 UC ₁₁	1999 01	08.19660	02 50 28.49	+15 54 12.5	18.6	704	1984 YL ₁	1999 01	26.65564	11 11 11.19	+17 05 36.0	16.7 R	426
1982 UC ₁₁	1999 01	08.20831	02 50 28.91	+15 54 15.3	18.6	704	1984 YL ₁	1999 01	26.66852	11 11 10.90	+17 05 40.9	16.6 R	426
1982 UC ₁₁	1999 01	08.22018	02 50 29.40	+15 54 14.3	18.2	704	1984 YY ₁	1999 01	22.12661	12 21 42.92	+00 31 01.1	21.1 V	910
1982 UC ₁₁	1999 01	08.23174	02 50 29.73	+15 54 16.4	18.2	704	1984 YY ₁	1999 01	22.15044	12 21 43.10	+00 31 03.1	20.9 V	910
1982 UE ₁₂	1999 01	08.07567	01 00 41.74	+18 02 34.3	18.9	704	1984 YY ₁	1999 01	22.17413	12 21 43.29	+00 31 04.7	20.9 V	910
1982 UE ₁₂	1999 01	08.08672	01 00 42.51	+18 02 38.5	18.9	704	1985 CM ₁	1999 01	13.50337	11 52 56.66	+03 16 55.5	18.0 R	699
1982 UE ₁₂	1999 01	08.12078	01 00 44.53	+18 02 43.0	18.6	704	1985 CM ₁	1999 01	13.51865	11 52 57.17	+03 16 56.0		699
1982 VP ₃	1999 01	15.23863	08 15 58.19	+36 33 04.6	17.3 R	699	1985 CM ₁	1999 01	13.53394	11 52 57.73	+03 16 54.7		699
1982 VP ₃	1999 01	15.25069	08 15 57.39	+36 33 09.2		699	1985 CU ₁	1999 01	14.08427	05 32 24.35	+57 14 48.1	18.8	704
1982 VP ₃	1999 01	15.26485	08 15 56.56	+36 33 13.4		699	1985 CU ₁	1999 01	14.10730	05 32 23.27	+57 14 13.9	19.4	704
1982 VP ₃	1999 01	19.31013	08 11 52.05	+36 53 56.4	17.2	704	1985 CU ₁	1999 01	14.13058	05 32 22.29	+57 13 39.3	18.9	704
1982 VP ₃	1999 01	19.33241	08 11 50.78	+36 54 02.4	17.2	704	1985 CU ₁	1999 01	14.17671	05 32 19.93	+57 12 32.1	19.1	704
1982 VP ₃	1999 01	19.35444	08 11 49.18	+36 54 08.9	16.7	704	1985 CU ₁	1999 01	20.81912	05 29 37.48	+54 20 59.7	16.3 V	610
1982 VP ₃	1999 01	19.37661	08 11 48.04	+36 54 15.2	16.7	704	1985 CU ₁	1999 01	20.82468	05 29 37.41	+54 20 50.9		610
1982 VP ₃	1999 01	19.39864	08 11 46.24	+36 54 22.2	18.3	704	1985 CU ₁	1999 01	20.82922	05 29 37.34	+54 20 43.7		610
1982 VF ₄	1999 01	18.08415	05 23 52.44										

1985 PL	1999 01	16.07886	05 17 39.07	+37 17 49.1	17.5	704	1986 CP ₁	1998 12	30.79926	10 48 29.73	+13 35 21.1	17.7	327
1985 PL	1999 01	16.10089	05 17 38.26	+37 17 39.0	17.9	704	1986 CP ₁	1998 12	30.81640	10 48 30.04	+13 35 21.0		327
1985 PL	1999 01	16.12290	05 17 37.36	+37 17 26.6	19.2	704	1986 CP ₁	1998 12	30.83354	10 48 30.38	+13 35 21.1		327
1985 PL	1999 01	16.16766	05 17 35.70	+37 17 08.1	18.0	704	1986 PN ₄	1999 01	16.09402	06 08 22.35	+34 58 24.8	18.6	704
1985 PN	1998 12	16.86241	10 50 06.98	+04 17 57.3	17.9	327	1986 PN ₄	1999 01	16.11605	06 08 21.14	+34 58 19.8	18.3	704
1985 PN	1998 12	16.88638	10 50 07.59	+04 17 57.3		327	1986 PN ₄	1999 01	16.13879	06 08 20.17	+34 58 13.5	18.3	704
1985 PN	1998 12	16.90988	10 50 08.19	+04 17 58.0		327	1986 PN ₄	1999 01	16.16081	06 08 18.92	+34 58 07.5	18.4	704
1985 PN	1999 01	10.06928	10 54 59.59	+05 12 43.1	17.6	120	1986 PN ₄	1999 01	19.08915	06 05 57.16	+34 45 14.3	17.7	704
1985 PN	1999 01	10.08824	10 54 59.49	+05 12 47.7		120	1986 PN ₄	1999 01	19.11111	06 05 56.06	+34 45 09.9	18.4	704
1985 PN	1999 01	14.05385	10 54 37.52	+05 31 16.2	17.8	120	1986 PN ₄	1999 01	19.15506	06 05 54.02	+34 44 56.7	17.4	704
1985 PN	1999 01	14.10624	10 54 37.05	+05 31 31.9		120	1986 PN ₄	1999 01	19.17703	06 05 52.95	+34 44 51.5	17.4	704
1985 PN	1999 01	14.50954	10 54 33.58	+05 33 34.6	17.2 R	699	1986 QG ₁	1999 01	13.49955	12 00 09.34	+04 36 26.1	19.0 R	699
1985 PN	1999 01	14.52484	10 54 33.45	+05 33 39.0		699	1986 QG ₁	1999 01	13.51481	12 00 09.74	+04 36 25.4		699
1985 PN	1999 01	14.54014	10 54 33.30	+05 33 44.3		699	1986 QT ₁	1999 01	19.31705	08 32 38.01	+23 14 55.0	17.3	704
1985 PN	1999 01	15.09241	10 54 28.39	+05 36 33.7	17.7	120	1986 QT ₁	1999 01	19.33923	08 32 36.38	+23 14 59.8	17.9	704
1985 PN	1999 01	15.12093	10 54 28.12	+05 36 42.7		120	1986 QT ₁	1999 01	19.36127	08 32 34.92	+23 15 04.5	18.8	704
1985 PN	1999 01	15.42704	10 54 25.24	+05 38 19.1	17.0 R	699	1986 QT ₁	1999 01	19.38343	08 32 33.31	+23 15 08.8	17.4	704
1985 PN	1999 01	15.45253	10 54 24.89	+05 38 26.7		699	1986 QT ₁	1999 01	19.40546	08 32 31.74	+23 15 14.1	17.7	704
1985 PN	1999 01	15.47802	10 54 24.63	+05 38 35.4		699	1986 QT ₁	1999 01	21.89160	08 29 43.20	+23 24 02.9	17.7 V	610
1985 PN	1999 01	18.42199	10 53 49.99	+05 54 45.7	17.7	704	1986 QT ₁	1999 01	21.89646	08 29 42.83	+23 24 03.9		610
1985 PN	1999 01	18.44403	10 53 49.73	+05 54 54.7	17.2	704	1986 QT ₁	1999 01	21.90063	08 29 42.52	+23 24 04.8		610
1985 PN	1999 01	18.46614	10 53 49.40	+05 55 03.6		704	1986 QT ₁	1999 01	21.90480	08 29 42.21	+23 24 05.7		610
1985 PN	1999 01	18.48837	10 53 49.04	+05 55 10.6		704	1986 QT ₁	1999 01	21.92009	08 29 41.07	+23 24 09.0		610
1985 PN	1999 01	18.51039	10 53 48.65	+05 55 17.2		704	1986 QT ₁	1999 01	22.95073	08 28 30.78	+23 27 40.4	17.7 V	610
1985 PN	1999 01	20.09697	10 53 25.41	+06 04 38.6	17.8	120	1986 QT ₁	1999 01	22.95928	08 28 30.15	+23 27 41.8		610
1985 PN	1999 01	20.97645	10 53 11.28	+06 10 00.0	17.8	120	1986 QT ₁	1999 01	22.96206	08 28 29.95	+23 27 42.3		610
1985 PN	1999 01	21.06073	10 53 09.73	+06 10 31.5		120	1986 QT ₁	1999 01	22.96535	08 28 29.70	+23 27 42.8		610
1985 PN	1999 01	22.01403	10 52 53.18	+06 16 29.6	17.9	120	1986 QT ₁	1999 01	22.97644	08 28 28.88	+23 27 44.7		610
1985 PN	1999 01	22.06919	10 52 52.10	+06 16 50.8		120	1986 QZ ₁	1999 01	18.20754	06 52 04.41	+12 23 03.8	17.3	704
1985 PN	1999 01	22.08484	10 52 51.79	+06 16 56.7		120	1986 QZ ₁	1999 01	18.22965	06 52 03.26	+12 23 10.9	16.8	704
1985 PN	1999 01	23.04404	10 52 33.87	+06 23 06.7	17.5	120	1986 QZ ₁	1999 01	18.25239	06 52 02.20	+12 23 17.9	17.5	704
1985 PN	1999 01	23.07267	10 52 33.27	+06 23 18.0		120	1986 QZ ₁	1999 01	18.27442	06 52 01.10	+12 23 24.8	17.3	704
1985 PN	1999 01	25.03085	10 51 53.24	+06 36 20.7	17.6	120	1986 QZ ₁	1999 01	18.29641	06 51 59.93	+12 23 30.8		704
1985 PN	1999 01	25.07364	10 51 52.27	+06 36 38.2		120	1986 QZ ₁	1999 01	20.19479	06 50 32.54	+12 32 34.6	17.1	704
1985 PE ₁	1999 01	15.15360	03 12 19.19	+21 31 43.5	18.7 R	699	1986 QZ ₁	1999 01	20.21657	06 50 31.33	+12 32 43.9		704
1985 PE ₁	1999 01	15.16885	03 12 19.64	+21 31 41.8		699	1986 QZ ₁	1999 01	20.23862	06 50 30.57	+12 32 46.6		704
1985 PE ₁	1999 01	15.18411	03 12 20.12	+21 31 41.3		699	1986 QZ ₁	1999 01	20.26039	06 50 29.52	+12 32 52.6		704
1985 PB ₂	1999 01	07.23764	04 25 50.90	+02 08 30.6	18.7	704	1986 QK ₂	1999 01	20.28296	06 50 28.26	+12 33 00.4	18.0	704
1985 PB ₂	1999 01	07.25840	04 25 50.54	+02 08 43.4	18.1	704	1986 QK ₂	1999 01	12.26973	09 36 40.21	+10 08 32.6	16.5 R	758
1985 PB ₂	1999 01	07.26873	04 25 50.24	+02 08 48.1	18.1	704	1986 QK ₂	1999 01	12.27574	09 36 39.99	+10 08 35.4	16.2 R	758
1985 PB ₂	1999 01	07.27901	04 25 50.07	+02 08 52.7	18.1	704	1986 QK ₂	1999 01	12.28208	09 36 39.77	+10 08 37.8	16.3 R	758
1985 QP	1998 10	20.27652	01 05 36.68	+10 10 27.3	16.1 V	689	1986 QK ₂	1999 01	13.18082	09 36 08.62	+10 15 40.3	16.2 R	758
1985 QG ₅	1999 01	19.42617	09 51 33.78	+15 13 26.9	19.0	704	1986 QK ₂	1999 01	13.18522	09 36 08.44	+10 15 42.3	16.1 R	758
1985 QG ₅	1999 01	19.44808	09 51 32.85	+15 13 32.4	19.5	704	1986 QK ₂	1999 01	13.19036	09 36 08.26	+10 15 45.4	16.2 R	758
1985 QG ₅	1999 01	19.46994	09 51 32.07	+15 13 37.1	19.6	704	1986 QK ₂	1999 01	14.37185	09 35 24.90	+10 25 14.9	17.3 R	699
1985 QG ₅	1999 01	19.49180	09 51 31.14	+15 13 41.8	19.5	704	1986 QK ₂	1999 01	14.41193	09 35 23.35	+10 25 34.0		699
1985 QG ₅	1999 01	19.51377	09 51 30.14	+15 13 44.3	19.5	704	1986 QK ₂	1999 01	14.43236	09 35 22.57	+10 25 44.9		699
1985 QP ₅	1999 01	09.23774	05 00 06.36	+43 42 03.8	18.2	704	1986 QK ₂	1999 01	20.90463	09 30 50.71	+11 22 33.6	18.4	120
1985 QP ₅	1999 01	09.24825	05 00 05.71	+43 42 01.8	18.9	704	1986 QK ₂	1999 01	20.95549	09 30 48.33	+11 23 01.7		120
1985 QP ₅	1999 01	09.25908	05 00 05.15	+43 41 59.2	18.9	704	1986 RF ₃	1999 01	09.65587	07 13 06.35	+18 40 42.3	17.8	327
1985 QP ₅	1999 01	09.26980	05 00 04.73	+43 41 54.8	18.9	704	1986 RF ₃	1999 01	09.66051	07 13 06.05	+18 40 42.3		327
1985 QP ₅	1999 01	09.28048	05 00 03.84	+43 41 50.3	19.1	704	1986 RF ₃	1999 01	09.67566	07 13 05.00	+18 40 45.5		327
1985 QD ₆	1999 01	16.79233	07 39 52.13	+20 23 42.9	18.4	120	1986 RF ₃	1999 01	09.68032	07 13 04.73	+18 40 45.4		327
1985 QD ₆	1999 01	16.81233	07 39 50.83	+20 23 47.2		120	1986 RF ₃	1999 01	09.69535	07 13 03.74	+18 40 47.4		327
1985 QD ₆	1999 01	24.76183	07 31 46.14	+20 55 15.9	18.7	120	1986 RF ₃	1999 01	09.70003	07 13 03.41	+18 40 48.1		327
1985 QD ₆	1999 01	24.78491	07 31 44.66	+20 55 20.8		120	1986 RF ₃	1999 01	15.76346	07 06 37.70	+18 54 27.8	18.4	120
1985 QD ₆	1999 01	24.81001	07 31 43.28	+20 55 28.1		120	1986 RF ₃	1999 01	15.77329	07 06 37.08	+18 54 29.8		120
1985 RB ₃	1999 01	10.45478	09 29 02.14	+23 08 11.6	18.2 R	699	1986 RF ₃	1999 01	15.78250	07 06 36.47	+18 54 30.7		120
1985 RB ₃	1999 01	10.47517	09 29 00.97	+23 08 16.3		699	1986 RF ₃	1999 01	20.22049	07 02 07.45	+19 04 25.8	17.6	704
1985 RB ₃	1999 01	10.49559	09 28 59.97	+23 08 20.2		699	1986 RF ₃	1999 01	20.24251	07 02 06.00	+19 04 27.1	17.2	704
1985 RB ₃	1999 01	19.42170	09 20 20.29	+23 47 47.7	18.5	704	1986 RF ₃	1999 01	20.26432	07 02 04.80	+19 04 31.2	18.2	704
1985 RB ₃	1999 01	19.44361	09 20 18.97	+23 47 52.5	18.8	704	1986 RB ₁₂	1999 01	08.16420	02 12 27.15	+22 27 29.9	16.9 R	699
1985 RB ₃	1999 01	19.46547	09 20 17.34	+23 48 01.3	18.9	704	1986 RB ₁₂	1999 01	08.18963	02 12 27.81	+22 27 24.0		699
1985 RB ₃	1999 01	19.48733	09 20 16.02	+23 48 06.6	18.3	704	1986 RB ₁₂	1999 01	08.21506	02 12 28.52	+22 27 18.0		699
1985 RB ₃	1999 01	19.50930	09 20 14.37	+23 48 11.4	18.5	704	1986 RB ₁₂	1999 01	11.13379	02 13 56.61	+22 16 38.1	17.5	704
1985 RJ ₃	1999 01	14.38604	08 38 52.29	+16 24 24.3	18.0 V	691	1986 RB ₁₂	1999 01	11.14438	02 13 56.93	+22 16 35.4	17.5	704
1985 RJ ₃	1999 01	14.40775	08 38 51.28	+16 24 28.4	18.1 V	691	1986 RB ₁₂	1999 01	11.15495	02 13 57.26	+22 16 33.5	17.5	704
1985 RJ ₃	1999 01	14.43847	08 38 49.83	+16 24 33.3	17.8 V	691	1986 RB ₁₂	1999 01	11.17596	02 13 57.93	+22 16 28.4	17.8	704
1985 SX ₂	1999 01	15.15487	03 19 00.61	+23 12 35.1	17.2 R	699	1986 TQ	1999 01	14.31864	08 31 53.09	+38 02 39.8	18.6	704
1985 SX ₂	1999 01	15.17013	03 19 01.01</										

1987 QC ₃	1999 01	16.10876	05 27 24.44	+28 12 38.0	18.7	704	1988 DJ ₂	1999 01	19.43417	09 03 40.66	+17 32 01.5	18.3	704
1987 QC ₃	1999 01	16.13077	05 27 23.50	+28 12 31.5	18.7	704	1988 DJ ₂	1999 01	19.45606	09 03 39.09	+17 32 05.9	18.6	704
1987 QC ₃	1999 01	19.09983	05 25 52.02	+27 58 19.8	17.9	704	1988 DJ ₂	1999 01	19.47791	09 03 37.56	+17 32 10.0	18.2	704
1987 QC ₃	1999 01	19.09997	05 25 51.94	+27 58 21.4	17.5	704	1988 DJ ₂	1999 01	19.49991	09 03 36.23	+17 32 14.1	18.2	704
1987 QC ₃	1999 01	19.12185	05 25 51.38	+27 58 13.8	17.8	704	1988 DD ₅	1999 01	15.34492	09 45 24.67	+04 58 23.9	18.5 R	699
1987 QC ₃	1999 01	19.12200	05 25 51.26	+27 58 13.5	17.5	704	1988 DD ₅	1999 01	15.37047	09 45 23.50	+04 58 21.1		699
1987 QC ₃	1999 01	19.14380	05 25 50.74	+27 58 07.4	17.8	704	1988 DD ₅	1999 01	15.39600	09 45 22.40	+04 58 18.1		699
1987 QC ₃	1999 01	19.14394	05 25 50.69	+27 58 05.3	17.6	704	1988 FE	1999 01	19.40956	08 56 32.41	+36 01 39.5	17.5	704
1987 QC ₃	1999 01	19.16576	05 25 49.95	+27 58 03.0	18.8	704	1988 FE	1999 01	19.43143	08 56 30.93	+36 01 48.3	18.9	704
1987 QC ₃	1999 01	19.16591	05 25 49.88	+27 58 00.3	17.6	704	1988 FE	1999 01	19.45331	08 56 29.52	+36 02 00.6	17.9	704
1987 QG ₆	1999 01	13.50903	11 43 48.08	-01 06 31.5	18.6 R	699	1988 FE	1999 01	19.47517	08 56 28.08	+36 02 10.3	17.3	704
1987 QG ₆	1999 01	13.52501	11 43 48.25	-01 06 26.2		699	1988 FE	1999 01	19.49717	08 56 26.72	+36 02 20.1	17.7	704
1987 QG ₆	1999 01	13.54031	11 43 48.39	-01 06 21.6		699	1988 FN	1999 01	14.32661	09 08 24.37	+43 41 02.9	18.4	704
1987 QZ ₆	1999 01	16.09565	06 01 05.88	+25 01 06.5	17.9	704	1988 FN	1999 01	14.34959	09 08 22.09	+43 40 59.4		704
1987 QZ ₆	1999 01	16.11766	06 01 04.60	+25 01 04.2	18.2	704	1988 FN	1999 01	14.37259	09 08 19.85	+43 40 56.3		704
1987 QZ ₆	1999 01	16.14039	06 01 03.39	+25 01 00.9	18.2	704	1988 FN	1999 01	14.39552	09 08 17.71	+43 40 51.9		704
1987 QZ ₆	1999 01	16.16241	06 01 02.21	+25 00 57.3	18.3	704	1988 FN	1999 01	14.42026	09 08 15.14	+43 40 47.4		704
1987 QZ ₆	1999 01	16.18447	06 01 00.97	+25 00 53.3	18.7	704	1988 FM ₁	1999 01	21.11679	13 15 23.20	-15 16 03.4	16.9 R	113
1987 QZ ₆	1999 01	19.92579	05 57 51.96	+24 51 22.4	18.0 R	046	1988 FM ₁	1999 01	21.14211	13 15 23.85	-15 16 12.8	17.2 R	113
1987 QZ ₆	1999 01	19.93326	05 57 51.60	+24 51 21.1		046	1988 FM ₁	1999 01	21.16646	13 15 24.34	-15 16 22.3	16.8 R	113
1987 QZ ₆	1999 01	19.94160	05 57 51.18	+24 51 19.7		046	1988 GF	1999 01	07.25064	03 49 14.85	+12 16 43.7	17.3 R	699
1987 QZ ₆	1999 01	20.87736	05 57 08.23	+24 48 56.7	18.2 R	046	1988 GF	1999 01	07.27617	03 49 14.41	+12 16 40.9		699
1987 QZ ₆	1999 01	20.88017	05 57 08.11	+24 48 56.1		046	1988 GF	1999 01	07.28382	03 49 14.28	+12 16 40.6		699
1987 QZ ₆	1999 01	20.88525	05 57 07.84	+24 48 55.5		046	1988 GF	1999 01	10.20979	03 48 32.79	+12 12 36.6	17.3 R	699
1987 QQ ₁₀	1987 09	24.51771	23 05 52.05	-11 34 38.1	16.5 V 1	413	1988 GF	1999 01	10.23756	03 48 32.41	+12 12 34.9		699
1987 QQ ₁₀	1987 09	24.56979	23 05 49.41	-11 34 44.6	1	413	1988 GF	1999 01	10.26304	03 48 32.10	+12 12 33.8		699
1987 RR	1998 12	04.50081	23 28 47.58	-12 26 46.7		327	1988 GL	1999 01	16.19004	06 26 07.24	+37 26 37.4	17.9	704
1987 RR	1998 12	04.50470	23 28 47.78	-12 26 44.6	17.9	327	1988 GL	1999 01	16.21200	06 26 05.69	+37 26 42.3	17.7	704
1987 RR	1998 12	04.50860	23 28 47.99	-12 26 43.8		327	1988 GL	1999 01	16.23397	06 26 04.03	+37 26 46.6		704
1987 SF	1999 01	20.10902	05 53 46.99	+18 23 47.8	17.4	704	1988 GL	1999 01	16.25605	06 26 02.46	+37 26 51.0	17.9	704
1987 SF	1999 01	20.13090	05 53 46.36	+18 23 52.5	17.0	704	1988 GL	1999 01	16.27797	06 26 00.81	+37 26 55.2	18.5	704
1987 SF	1999 01	20.15327	05 53 45.47	+18 23 57.1	16.9	704	1988 GL	1999 01	19.09440	06 22 46.25	+37 35 28.2	17.9	704
1987 SF	1999 01	20.17518	05 53 44.72	+18 24 02.1	16.9	704	1988 GL	1999 01	19.11641	06 22 44.75	+37 35 33.2	17.6	704
1987 SM ₁₂	1999 01	16.20037	07 02 27.86	+24 09 41.5	18.4	704	1988 GL	1999 01	19.16032	06 22 41.75	+37 35 38.8	18.7	704
1987 SM ₁₂	1999 01	16.22234	07 02 26.59	+24 09 43.2	19.0	704	1988 GL	1999 01	19.18227	06 22 40.13	+37 35 43.5	17.6	704
1987 SM ₁₂	1999 01	16.26637	07 02 23.96	+24 09 44.8	19.0	704	1988 KA	1999 01	08.24853	04 48 28.29	+22 28 33.6	17.9	704
1987 SM ₁₂	1999 01	19.19844	06 59 45.99	+24 12 22.5	18.5	704	1988 KA	1999 01	08.26254	04 48 27.64	+22 28 35.3	18.5	704
1987 SM ₁₂	1999 01	19.22072	06 59 44.75	+24 12 24.4	17.8	704	1988 KA	1999 01	08.27674	04 48 27.00	+22 28 35.5	18.3	704
1987 SM ₁₂	1999 01	19.24300	06 59 43.64	+24 12 24.6	17.8	704	1988 KA	1999 01	08.29117	04 48 26.30	+22 28 38.6	18.3	704
1987 SM ₁₂	1999 01	19.26523	06 59 42.37	+24 12 26.4		704	1988 MH	1999 01	08.25389	08 06 09.47	+19 16 48.6	16.8 V	691
1987 SM ₁₂	1999 01	19.28742	06 59 41.06	+24 12 27.4	18.1	704	1988 MH	1999 01	08.27620	08 06 08.06	+19 16 47.9	16.8 V	691
1987 SQ ₁₇	1999 01	19.42647	09 46 22.25	+18 03 05.4	17.8	704	1988 MH	1999 01	08.29855	08 06 06.66	+19 16 47.2	16.5 V	691
1987 SQ ₁₇	1999 01	19.44837	09 46 21.07	+18 03 10.1	18.3	704	1988 MH	1999 01	15.79767	07 58 10.58	+19 12 39.9	17.4	120
1987 SQ ₁₇	1999 01	19.47023	09 46 19.84	+18 03 14.9	17.9	704	1988 MH	1999 01	15.82578	07 58 08.74	+19 12 39.1		120
1987 SQ ₁₇	1999 01	19.49210	09 46 18.51	+18 03 19.6	17.9	704	1988 MH	1999 01	15.85167	07 58 07.06	+19 12 38.5		120
1987 SQ ₁₇	1999 01	19.51407	09 46 17.29	+18 03 23.8	17.9	704	1988 MH	1999 01	16.82634	07 57 04.28	+19 12 06.3	17.5	120
1987 UR	1999 01	08.57381	07 35 15.48	+31 32 20.1	17.0 V	886	1988 MH	1999 01	16.85085	07 57 02.70	+19 12 05.5		120
1987 UR	1999 01	08.58736	07 35 14.73	+31 32 23.4		886	1988 MH	1999 01	17.81330	07 56 00.77	+19 11 32.7	17.0	120
1987 UA ₁	1999 01	07.15652	03 06 44.08	+13 14 52.8	17.8 R	699	1988 MH	1999 01	18.31530	07 55 28.33	+19 11 16.4	16.7	704
1987 UA ₁	1999 01	07.17181	03 06 44.32	+13 14 51.0		699	1988 MH	1999 01	18.33796	07 55 26.81	+19 11 15.8		704
1987 UA ₁	1999 01	07.18711	03 06 44.66	+13 14 48.9		699	1988 MH	1999 01	18.36106	07 55 25.27	+19 11 15.2	17.2	704
1987 VR	1999 01	05.79363	04 24 22.79	+12 13 00.0	16.4 R	046	1988 MH	1999 01	18.38312	07 55 23.80	+19 11 13.9	17.4	704
1987 VR	1999 01	05.79546	04 24 22.75	+12 13 00.1		046	1988 MH	1999 01	18.40516	07 55 22.37	+19 11 12.8	17.0	704
1987 VR	1999 01	05.79963	04 24 22.64	+12 12 59.8		046	1988 MH	1999 01	21.84358	07 51 42.97	+19 09 09.4	17.4	120
1987 VR	1999 01	06.89122	04 23 57.45	+12 12 30.0		046	1988 MH	1999 01	21.86859	07 51 41.35	+19 09 08.6		120
1987 VR	1999 01	06.89528	04 23 57.34	+12 12 30.1		046	1988 MH	1999 01	21.91270	07 51 38.51	+19 09 07.1		120
1987 VR	1999 01	06.89748	04 23 57.30	+12 12 29.9	16.6 R	046	1988 MH	1999 01	24.76920	07 48 39.31	+19 07 16.6	17.3	120
1987 WD	1999 01	05.08681	01 03 21.08	+12 31 30.4	17.9 R	699	1988 MH	1999 01	24.79081	07 48 37.97	+19 07 16.0		120
1987 WD	1999 01	05.10720	01 03 22.29	+12 31 38.3		699	1988 MH	1999 01	24.81456	07 48 36.49	+19 07 15.0		120
1987 WD	1999 01	05.12758	01 03 23.47	+12 31 46.6		699	1988 NW	1999 01	16.19936	06 51 54.23	+29 02 57.7	17.8	704
1987 WP	1999 01	06.12822	02 06 41.53	+11 59 38.2	17.6 R	699	1988 NW	1999 01	16.22132	06 51 52.78	+29 02 53.9	18.8	704
1987 WP	1999 01	06.14859	02 06 42.02	+11 59 32.2		699	1988 NW	1999 01	16.24330	06 51 51.51	+29 02 51.9	18.8	704
1987 WP	1999 01	06.16899	02 06 42.45	+11 59 27.1		699	1988 NW	1999 01	16.26535	06 51 50.11	+29 02 47.9	18.3	704
1987 WF ₁	1999 01	23.11712	05 44 22.76	-04 34 51.0	16.3 V	715	1988 NW	1999 01	16.28726	06 51 48.77	+29 02 44.4	19.7	704
1987 WF ₁	1999 01	23.12606	05 44 22.47	-04 34 50.7	16.8 V	715	1988 NW	1999 01	19.19729	06 48 51.25	+28 55 07.5	18.2	704
1987 WF ₁	1999 01	23.13445	05 44 22.22	-04 34 47.9	16.6 V	715	1988 NW	1999 01	19.21957	06 48 49.78	+28 55 03.9	18.5	704
1987 WJ ₁	1999 01	08.07968	01 22 55.45	+10 21 52.7	18.5	704	1988 NW	1999 01	19.24185	06 48 48.45	+28 55 01.5	18.9	704
1987 WJ ₁	1999 01	08.09112	01 22 55.76	+10 21 56.2	18.5	704	1988 NW	1999 01	19.26408	06 48 47.20	+28 54 58.0	18.1	704
1987 WJ ₁	1999 01	08.10279	01 22 56.38	+10 21 58.7	18.5	704	1988 NW	1999 01	19.28627	06 48 45.82	+28 54 53.0	18.6	704
1987 WJ ₁	1999 01	08.11409	01 22 56.79	+10 22 03.1	18.5	704	1988 PG ₁	1999 01	19.20635	07 21 37.56	+29 32 48.3	18.6	704
1987 WJ ₁	1999 01	08.12481	01 22 57.29	+10 22 06.0	18.4	704							

1988 VK	1999 01	23.80639	05 55 34.91	+22 21 40.1		046	1989 CW ₂	1999 01	20.22413	07 08 40.59	+15 19 37.7		704
1988 VG ₁	1999 01	08.07746	01 12 42.54	+08 04 47.5	18.4	704	1989 CW ₂	1999 01	20.24613	07 08 39.50	+15 19 37.6		704
1988 VG ₁	1999 01	08.08869	01 12 43.12	+08 04 48.8	18.4	704	1989 CW ₂	1999 01	20.26794	07 08 38.35	+15 19 38.1		704
1988 VG ₁	1999 01	08.11168	01 12 44.02	+08 04 47.4	18.2	704	1989 CW ₂	1999 01	20.29054	07 08 37.14	+15 19 37.9	18.3	704
1988 VG ₁	1999 01	08.12256	01 12 44.33	+08 04 51.8	18.2	704	1989 CW ₂	1999 01	23.24235	07 06 11.28	+15 20 19.7	16.7	732
1988 VG ₁	1999 01	10.13043	01 14 00.05	+08 07 39.7	17.8 R	699	1989 CW ₂	1999 01	23.24693	07 06 11.05	+15 20 19.7	16.4	732
1988 VG ₁	1999 01	10.15818	01 14 01.14	+08 07 42.6		699	1989 CB ₃	1999 01	08.15657	02 38 01.45	+17 46 22.5	18.8 R	699
1988 VG ₁	1999 01	10.18481	01 14 02.12	+08 07 44.4		699	1989 CB ₃	1999 01	08.18200	02 38 02.25	+17 46 19.9		699
1988 VG ₁	1999 01	11.07816	01 14 37.20	+08 09 07.2	18.4	704	1989 CB ₃	1999 01	08.20743	02 38 02.94	+17 46 17.6		699
1988 VG ₁	1999 01	11.08903	01 14 37.70	+08 09 09.0	18.4	704	1989 CB ₃	1999 01	11.13665	02 39 47.38	+17 43 46.0	18.0	704
1988 VG ₁	1999 01	11.10015	01 14 38.00	+08 09 09.9	18.4	704	1989 CB ₃	1999 01	11.14725	02 39 47.76	+17 43 44.1	18.0	704
1988 VG ₁	1999 01	11.11127	01 14 38.60	+08 09 11.4	18.5	704	1989 CB ₃	1999 01	11.15782	02 39 48.32	+17 43 45.7	18.0	704
1988 VG ₁	1999 01	11.12214	01 14 38.91	+08 09 12.0	18.5	704	1989 CB ₃	1999 01	11.16830	02 39 48.63	+17 43 43.4	18.9	704
1988 VR ₂	1999 01	11.18888	03 26 05.94	+14 16 26.1	17.7	704	1989 CB ₃	1999 01	19.75259	02 46 21.23	+17 44 18.0	19.1 V	910
1988 VR ₂	1999 01	11.19933	03 26 06.06	+14 16 30.5	17.7	704	1989 CB ₃	1999 01	19.77703	02 46 22.49	+17 44 18.9	18.9 V	910
1988 VR ₂	1999 01	11.20989	03 26 06.18	+14 16 35.0	17.7	704	1989 CB ₃	1999 01	19.80037	02 46 23.68	+17 44 20.1	18.9 V	910
1988 VR ₂	1999 01	11.22038	03 26 06.35	+14 16 44.0	19.0	704	1989 CD ₆	1999 01	21.01778	11 18 01.09	+06 12 06.8	19.0 R	113
1988 VR ₂	1999 01	11.23088	03 26 06.48	+14 16 53.0	19.0	704	1989 CD ₆	1999 01	21.06358	11 18 00.60	+06 12 13.6	18.5 R	113
1988 VM ₃	1999 01	08.54809	07 38 18.17	+25 02 59.1	17.5 V	886	1989 CD ₆	1999 01	21.08060	11 18 00.41	+06 12 16.2	18.7 R	113
1988 VM ₃	1999 01	08.59409	07 38 17.37	+25 02 59.9		886	1989 CW ₇	1999 01	18.09913	06 04 35.57	+17 03 02.8	17.9	704
1988 VM ₃	1999 01	16.78626	07 28 02.63	+25 20 52.6	17.6	120	1989 CW ₇	1999 01	18.12111	06 04 34.70	+17 03 06.2	17.9	704
1988 VM ₃	1999 01	19.20323	07 25 05.86	+25 24 59.8	17.9	704	1989 CW ₇	1999 01	18.14309	06 04 33.64	+17 03 08.2	17.7	704
1988 VM ₃	1999 01	19.22566	07 25 04.23	+25 25 01.8	18.7	704	1989 CW ₇	1999 01	18.16541	06 04 32.70	+17 03 11.0	17.7	704
1988 VM ₃	1999 01	19.24779	07 25 02.48	+25 25 05.1	19.7	704	1989 CW ₇	1999 01	18.18737	06 04 31.64	+17 03 12.3	18.2	704
1988 VM ₃	1999 01	19.27007	07 25 00.92	+25 25 07.1	18.3	704	1989 CB ₈	1999 01	10.31066	07 48 31.83	+24 29 16.7	16.3 R	699
1988 VP ₃	1999 01	08.15912	02 42 19.80	+21 30 46.7	18.3 R	699	1989 CB ₈	1999 01	10.33617	07 48 29.95	+24 29 20.5		699
1988 VP ₃	1999 01	08.18455	02 42 20.67	+21 30 52.3		699	1989 CB ₈	1999 01	10.36185	07 48 28.10	+24 29 24.3		699
1988 VP ₃	1999 01	08.20998	02 42 21.68	+21 30 56.8		699	1989 CB ₈	1999 01	15.21512	07 42 44.02	+24 40 32.3	16.9	732
1988 VP ₃	1999 01	15.15869	02 47 42.39	+21 56 15.3	18.7 R	699	1989 CB ₈	1999 01	15.22044	07 42 43.65	+24 40 32.9	16.7	732
1988 VP ₃	1999 01	15.17395	02 47 43.07	+21 56 20.5		699	1989 CB ₈	1999 01	16.21101	07 41 32.68	+24 42 36.0	17.1	732
1988 VP ₃	1999 01	15.18920	02 47 43.85	+21 56 23.8		699	1989 CB ₈	1999 01	16.21619	07 41 32.25	+24 42 36.1	17.0	732
1988 VT ₃	1999 01	05.09318	01 36 12.95	+11 08 25.0	18.8 R	699	1989 CB ₈	1999 01	16.22126	07 41 31.89	+24 42 37.2	17.0	732
1988 VT ₃	1999 01	05.11356	01 36 14.12	+11 08 28.5		699	1989 CB ₈	1999 01	19.20775	07 37 58.54	+24 48 14.2	17.3	704
1988 VT ₃	1999 01	05.13623	01 36 15.34	+11 08 33.2		699	1989 CB ₈	1999 01	19.23001	07 37 56.89	+24 48 17.5		704
1988 VT ₃	1999 01	11.08316	01 42 26.84	+11 30 09.2	18.6	704	1989 CB ₈	1999 01	19.25226	07 37 55.16	+24 48 20.1	17.9	704
1988 VT ₃	1999 01	11.09427	01 42 27.61	+11 30 10.0	18.6	704	1989 CB ₈	1999 01	19.27443	07 37 53.54	+24 48 22.3	17.6	704
1988 VT ₃	1999 01	11.10537	01 42 28.26	+11 30 14.3	19.0	704	1989 CB ₈	1999 01	19.29657	07 37 51.94	+24 48 25.0	17.6	704
1988 VT ₃	1999 01	11.11644	01 42 28.97	+11 30 14.3	19.1	704	1989 DC	1999 01	15.15869	02 47 39.16	+22 38 43.1	17.7 R	699
1988 VT ₃	1999 01	11.12709	01 42 29.49	+11 30 18.0	19.5	704	1989 DC	1999 01	15.17395	02 47 39.64	+22 38 44.3		699
1988 VM ₅	1999 01	22.11122	10 34 29.70	+10 25 06.7	18.3 R	046	1989 DC	1999 01	15.18920	02 47 39.84	+22 38 46.5		699
1988 VM ₅	1999 01	22.11750	10 34 29.53	+10 25 09.0		046	1989 EE ₁	1999 01	13.62595	09 02 47.39	+28 14 55.2	16.5	411
1988 VM ₅	1999 01	22.12240	10 34 29.34	+10 25 10.3		046	1989 EE ₁	1999 01	13.65258	09 02 45.81	+28 15 02.5		411
1988 VM ₅	1999 01	23.11990	10 33 54.80	+10 29 27.5	18.4 V	046	1989 EE ₁	1999 01	14.46103	09 01 58.62	+28 18 50.1		411
1988 VM ₅	1999 01	23.12277	10 33 54.76	+10 29 27.6		046	1989 EE ₁	1999 01	14.46285	09 01 58.47	+28 18 50.4		411
1988 VM ₅	1999 01	23.12550	10 33 54.70	+10 29 28.4		046	1989 ET ₁	1999 01	16.08353	05 22 20.02	+32 39 33.2	17.4	704
1988 VS ₆	1997 12	30.07187	08 42 12.38	+11 20 33.0		611	1989 ET ₁	1999 01	16.10555	05 22 19.08	+32 39 31.9		704
1988 VS ₆	1997 12	30.08183	08 42 12.11	+11 20 32.9		611	1989 ET ₁	1999 01	16.12756	05 22 18.20	+32 39 30.0	18.0	704
1988 XK	1999 01	11.53316	04 25 55.70	+17 13 41.2	17 V	888	1989 ET ₁	1999 01	16.15031	05 22 17.34	+32 39 27.4	17.7	704
1988 XK	1999 01	11.55639	04 25 55.20	+17 13 38.3		888	1989 ET ₁	1999 01	16.17236	05 22 16.54	+32 39 24.7	17.7	704
1988 XE ₂	1998 12	01.70469	04 54 05.93	+19 59 42.0		327	1989 EZ ₂	1999 01	06.10233	02 28 41.49	+19 09 37.1	18.7	725
1988 XE ₂	1998 12	01.71333	04 54 05.26	+19 59 42.8	16.8	327	1989 EZ ₂	1999 01	10.11428	02 30 18.18	+19 01 23.7	19.0	725
1988 XE ₂	1998 12	01.72140	04 54 04.62	+19 59 43.7		327	1989 EZ ₂	1999 01	10.19805	02 30 20.37	+19 01 14.1	18.8	725
1988 XE ₂	1998 12	15.30059	04 37 19.99	+20 20 23.2	16.7	704	1989 EN ₅	1999 01	06.28140	04 06 12.97	+24 01 18.7	17.5 R	699
1988 XE ₂	1998 12	15.31543	04 37 18.88	+20 20 25.0	17.0	704	1989 EN ₅	1999 01	06.30183	04 06 12.44	+24 01 15.6		699
1988 XE ₂	1998 12	15.33028	04 37 17.90	+20 20 25.5	17.0	704	1989 EN ₅	1999 01	06.32233	04 06 12.06	+24 01 09.9		699
1988 XE ₂	1998 12	15.34508	04 37 16.75	+20 20 26.0		704	1989 GL	1999 01	14.19395	07 23 07.50	+61 32 19.0	18.1	704
1988 XE ₂	1998 12	15.35982	04 37 15.73	+20 20 28.7		704	1989 GL	1999 01	14.21691	07 23 04.54	+61 32 21.3	18.5	704
1988 XE ₂	1998 12	22.06807	04 30 03.04	+20 30 32.4	17.0	704	1989 GL	1999 01	14.24063	07 23 01.53	+61 32 22.1	18.4	704
1988 XE ₂	1998 12	22.09078	04 30 01.68	+20 30 33.5	17.8	704	1989 GL	1999 01	14.26364	07 22 58.69	+61 32 22.6	18.9	704
1988 XE ₂	1998 12	22.11343	04 30 00.34	+20 30 36.2	17.8	704	1989 GL	1999 01	14.28673	07 22 55.79	+61 32 22.9	18.7	704
1988 XE ₂	1998 12	22.13612	04 29 58.94	+20 30 38.1		704	1989 GF ₁	1999 01	24.64590	10 22 35.68	+12 30 15.3	16.2 R	426
1988 XE ₂	1998 12	22.15881	04 29 57.60	+20 30 39.4	17.2	704	1989 GF ₁	1999 01	24.65989	10 22 35.10	+12 30 16.8	16.2 R	426
1988 XE ₂	1999 01	14.12532	04 15 26.04	+21 13 13.6		663	1989 GF ₁	1999 01	24.67389	10 22 34.57	+12 30 18.4	16.3 R	426
1988 XE ₂	1999 01	14.17946	04 15 25.21	+21 13 21.9		663	1989 GF ₁	1999 01	26.61383	10 21 16.69	+12 33 58.3	15.8 R	426
1988 XV ₂	1999 01	22.93601	09 38 07.01	+10 57 27.2	18.0	120	1989 GF ₁	1999 01	26.62348	10 21 16.24	+12 33 59.3	15.7 R	426
1989 AL ₆	1999 01	08.27155	08 31 39.00	+19 09 39.2	17.7 V	691	1989 GF ₁	1999 01	26.63303	10 21 15.84	+12 34 00.6	15.8 R	426
1989 AL ₆	1999 01	08.29385	08 31 37.63	+19 09 45.2	17.7 V	691	1989 GQ ₁	1999 01	06.92568	08 14 54.75	+17 24 27.7	18.6	120
1989 AL ₆	1999 01	08.31621	08 31 36.25	+19 09 51.3	17.6 V	691	1989 GQ ₁	1999 01	06.94556	08 14 53.53	+17 24 31.3		120
1989 AL ₆	1999 01	18.87343	08 20 19.66	+19 5									

1989 RB	1999 01	14.24645	06 53 24.59	+50 47 00.0	19.1	704	1989 TD ₁₆	1999 01	10.13043	01 11 01.86	+10 23 06.4	18.1 R	699
1989 RB	1999 01	14.26942	06 53 22.29	+50 46 55.0	19.3	704	1989 TD ₁₆	1999 01	10.15818	01 11 03.46	+10 23 14.4		699
1989 RB	1999 01	14.29247	06 53 20.40	+50 46 51.6	19.8	704	1989 TD ₁₆	1999 01	10.18481	01 11 05.00	+10 23 23.8		699
1989 RT	1999 01	22.17421	13 40 42.35	-15 50 44.0	18.5	561	1989 TD ₁₆	1999 01	11.07802	01 11 57.46	+10 28 16.0	18.9	704
1989 RT	1999 01	22.17703	13 40 42.54	-15 50 45.8		561	1989 TD ₁₆	1999 01	11.08889	01 11 58.14	+10 28 22.2	18.9	704
1989 RT	1999 01	22.17963	13 40 42.64	-15 50 46.8		561	1989 TD ₁₆	1999 01	11.10001	01 11 58.95	+10 28 24.1	19.2	704
1989 RT	1999 01	23.17083	13 41 34.55	-15 59 06.6	18.4	561	1989 TD ₁₆	1999 01	11.11113	01 11 59.58	+10 28 28.2	19.3	704
1989 RT	1999 01	23.17431	13 41 34.72	-15 59 07.9		561	1989 TD ₁₆	1999 01	11.12200	01 11 59.89	+10 28 32.7	19.3	704
1989 RT	1999 01	23.17778	13 41 34.94	-15 59 09.7		561	1989 UL	1998 12	06.46637	23 43 36.61	+00 27 09.5	17.4	327
1989 RX	1999 01	08.07469	00 46 56.28	+07 30 36.4	17.7	704	1989 UL	1998 12	06.47025	23 43 36.79	+00 27 09.9		327
1989 RX	1999 01	08.08562	00 46 57.10	+07 30 39.9	16.9	704	1989 UL	1998 12	06.47417	23 43 36.96	+00 27 10.5		327
1989 RX	1999 01	08.09735	00 46 58.10	+07 30 43.1	16.9	704	1989 UL	1999 01	13.08464	00 24 43.76	+03 26 58.1	18.4 R	699
1989 RX	1999 01	08.10857	00 46 59.01	+07 30 47.1	17.1	704	1989 UL	1999 01	13.09991	00 24 44.96	+03 27 03.1		699
1989 RX	1999 01	08.11981	00 46 59.77	+07 30 51.4	17.1	704	1989 UL	1999 01	13.11747	00 24 46.28	+03 27 12.4		699
1989 RX	1999 01	10.14316	00 49 53.89	+07 41 49.7	18.3 R	699	1989 UL ₁	1999 01	09.43414	09 33 44.42	+30 20 20.3	17.6 R	699
1989 RX	1999 01	10.17204	00 49 56.30	+07 41 58.4		699	1989 UL ₁	1999 01	09.46975	09 33 42.80	+30 20 35.0		699
1989 RX	1999 01	10.19756	00 49 58.49	+07 42 08.2		699	1989 UL ₁	1999 01	09.49014	09 33 41.90	+30 20 43.2		699
1989 RD ₁	1999 01	11.08391	01 44 19.21	+00 48 09.3	18.0	704	1989 UL ₁	1999 01	19.42807	09 25 29.52	+31 25 49.7	17.7	704
1989 RD ₁	1999 01	11.09503	01 44 19.79	+00 48 18.0	18.0	704	1989 UL ₁	1999 01	19.44997	09 25 28.34	+31 25 58.4	18.2	704
1989 RD ₁	1999 01	11.10617	01 44 20.40	+00 48 27.1	18.6	704	1989 UL ₁	1999 01	19.47183	09 25 27.01	+31 26 07.1	18.2	704
1989 RD ₁	1999 01	11.12785	01 44 21.39	+00 48 41.6	18.6	704	1989 UL ₁	1999 01	19.49369	09 25 25.72	+31 26 16.2	18.5	704
1989 SA	1999 01	09.36429	07 53 13.40	+33 46 02.2	16.9 R	699	1989 UL ₁	1999 01	19.51567	09 25 24.48	+31 26 22.8	18.1	704
1989 SA	1999 01	09.38470	07 53 12.04	+33 46 12.4		699	1989 US ₁	1999 01	14.20907	07 31 38.47	+43 38 53.0	18.6	704
1989 SA	1999 01	09.40513	07 53 10.60	+33 46 21.7		699	1989 US ₁	1999 01	14.23279	07 31 36.48	+43 38 55.6		704
1989 SU	1999 01	08.28123	08 13 24.10	+19 25 12.3	18.3 V	691	1989 US ₁	1999 01	14.25577	07 31 34.63	+43 38 57.4		704
1989 SU	1999 01	08.30358	08 13 22.75	+19 25 15.1	18.3 V	691	1989 US ₁	1999 01	14.27887	07 31 32.76	+43 39 00.1	18.4	704
1989 SU	1999 01	16.36999	08 05 14.61	+19 41 25.1	18.1 V	691	1989 US ₁	1999 01	14.30164	07 31 30.92	+43 39 02.6	18.4	704
1989 SU	1999 01	16.39362	08 05 13.11	+19 41 28.1	18.3 V	691	1989 UG ₃	1999 01	10.44840	08 54 24.10	+22 06 35.9	17.0 R	699
1989 SU	1999 01	16.41708	08 05 11.65	+19 41 30.7	18.3 V	691	1989 UG ₃	1999 01	10.46881	08 54 23.12	+22 06 44.4		699
1989 SF ₁	1999 01	10.22000	03 59 15.54	+09 40 17.6	18.4 R	699	1989 UG ₃	1999 01	10.48922	08 54 22.05	+22 06 49.7		699
1989 SF ₁	1999 01	10.24774	03 59 15.09	+09 40 22.4		699	1989 UG ₃	1999 01	19.41129	08 46 15.17	+22 59 53.5		704
1989 SF ₁	1999 01	10.27325	03 59 14.69	+09 40 27.9		699	1989 UG ₃	1999 01	19.43316	08 46 13.90	+23 00 01.5	17.6	704
1989 SK ₁	1999 01	19.84181	02 59 38.11	+18 14 50.9	18.6 V	910	1989 UG ₃	1999 01	19.45505	08 46 12.50	+23 00 08.8	17.6	704
1989 SK ₁	1999 01	19.86494	02 59 38.83	+18 14 55.4	18.9 V	910	1989 UG ₃	1999 01	19.47690	08 46 11.46	+23 00 15.6	17.6	704
1989 SK ₁	1999 01	19.88746	02 59 39.61	+18 14 59.6	19.0 V	910	1989 UG ₃	1999 01	19.49890	08 46 09.98	+23 00 23.3	17.3	704
1989 SP ₁	1999 01	20.09606	06 14 28.68	+19 36 17.3	18.9	704	1989 UJ ₃	1999 01	16.09770	06 11 59.41	+41 56 45.1	18.4	704
1989 SP ₁	1999 01	20.13977	06 14 26.61	+19 36 23.9	18.6	704	1989 UJ ₃	1999 01	16.11970	06 11 57.96	+41 56 41.8	19.2	704
1989 SP ₁	1999 01	20.16213	06 14 25.38	+19 36 27.2	18.7	704	1989 UJ ₃	1999 01	16.14244	06 11 56.42	+41 56 36.0	20.2	704
1989 SP ₁	1999 01	20.18404	06 14 24.42	+19 36 32.3	18.7	704	1989 UJ ₃	1999 01	16.16446	06 11 54.93	+41 56 33.2	19.2	704
1989 ST ₃	1999 01	06.85235	07 15 16.89	+19 44 58.9	18.0	120	1989 UJ ₃	1999 01	20.18884	06 07 54.64	+41 41 58.3	18.9	704
1989 ST ₃	1999 01	06.86216	07 15 16.28	+19 45 00.9		120	1989 UJ ₃	1999 01	20.23260	06 07 51.83	+41 41 48.2	18.8	704
1989 ST ₃	1999 01	06.87022	07 15 15.84	+19 45 02.4		120	1989 UJ ₃	1999 01	20.25444	06 07 50.76	+41 41 41.2	18.7	704
1989 ST ₃	1999 01	06.90227	07 15 13.84	+19 45 08.8		120	1989 UJ ₃	1999 01	20.27700	06 07 49.38	+41 41 36.5	18.7	704
1989 ST ₃	1999 01	09.89785	07 12 13.48	+19 54 49.5	18.0	120	1989 UX ₇	1999 01	15.08773	03 40 30.48	+08 56 59.3	17.2 R	699
1989 ST ₃	1999 01	09.90855	07 12 13.02	+19 54 50.6		120	1989 UX ₇	1999 01	15.10301	03 40 30.92	+08 56 59.2		699
1989 ST ₃	1999 01	09.91999	07 12 12.30	+19 54 52.9		120	1989 UX ₇	1999 01	15.11826	03 40 31.43	+08 56 59.1		699
1989 ST ₃	1999 01	11.88199	07 10 14.95	+20 01 14.1	18.0	120	1989 VK	1999 01	15.41813	10 10 26.63	+07 23 46.8	19.2 R	699
1989 ST ₃	1999 01	11.90775	07 10 13.45	+20 01 19.2		120	1989 VK	1999 01	15.44362	10 10 25.74	+07 23 50.9		699
1989 ST ₃	1999 01	13.89528	07 08 15.77	+20 07 43.3	18.0	120	1989 VK	1999 01	15.46910	10 10 24.86	+07 23 53.8		699
1989 ST ₃	1999 01	15.76693	07 06 27.06	+20 13 41.3	18.0	120	1989 VS ₁	1999 01	19.41230	09 03 49.15	+17 49 56.9	17.6	704
1989 ST ₃	1999 01	15.77576	07 06 26.57	+20 13 43.3		120	1989 VS ₁	1999 01	19.43417	09 03 48.00	+17 50 04.1	17.4	704
1989 ST ₃	1999 01	15.78466	07 06 26.00	+20 13 45.1		120	1989 VS ₁	1999 01	19.45606	09 03 46.76	+17 50 11.0	17.4	704
1989 ST ₃	1999 01	19.75219	07 02 44.11	+20 26 14.1	18.2	120	1989 VS ₁	1999 01	19.47791	09 03 45.52	+17 50 18.2	17.0	704
1989 ST ₃	1999 01	19.73215	07 02 42.99	+20 26 18.6		120	1989 VS ₁	1999 01	19.49991	09 03 44.36	+17 50 26.5	17.0	704
1989 ST ₃	1999 01	19.78385	07 02 42.37	+20 26 21.2		120	1989 WD ₃	1999 01	21.55955	03 37 11.33	+17 26 55.2	18 V	888
1989 ST ₃	1999 01	20.19857	07 02 20.02	+20 27 41.1	18.0	704	1989 WD ₃	1999 01	21.58089	03 37 11.87	+17 26 55.4		888
1989 ST ₃	1999 01	20.22035	07 02 18.65	+20 27 45.3	18.1	704	1989 WU ₄	1999 01	06.73249	03 59 40.18	+22 10 24.6	18.0	120
1989 ST ₃	1999 01	20.24237	07 02 17.45	+20 27 48.4	17.9	704	1989 WU ₄	1999 01	06.74931	03 59 39.91	+22 10 21.9		120
1989 ST ₃	1999 01	20.26417	07 02 16.20	+20 27 52.2	17.6	704	1989 WU ₄	1999 01	06.80366	03 59 39.06	+22 10 13.9		120
1989 ST ₃	1999 01	22.76999	07 00 04.42	+20 35 35.1	18.3	120	1989 WU ₄	1999 01	06.86346	03 59 38.10	+22 10 04.5	17.6 R	113
1989 ST ₃	1999 01	22.82199	07 00 03.08	+20 35 38.9		120	1989 WU ₄	1999 01	06.89439	03 59 37.63	+22 09 59.3	17.7 R	113
1989 ST ₃	1999 01	22.84184	07 00 02.04	+20 35 42.8		120	1989 WU ₄	1999 01	17.77724	03 58 55.10	+21 48 31.4	17.7 R	113
1989 ST ₃	1999 01	23.78787	06 59 14.75	+20 38 33.5	18.6	120	1989 WU ₄	1999 01	17.80493	03 58 55.24	+21 48 28.9	17.8 R	113
1989 ST ₃	1999 01	23.79848	06 59 14.27	+20 38 35.3		120	1989 XD ₂	1999 01	18.31486	07 50 31.87	+19 21 35.8	17.2	704
1989 ST ₃	1999 01	25.75730	06 57 40.08	+20 44 21.0	18.3	120	1989 XD ₂	1999 01	18.33753	07 50 30.61	+19 21 43.4	18.3	704
1989 ST ₃	1999 01	25.75977	06 57 39.95	+20 44 21.4		120	1989 XD ₂	1999 01	18.36059	07 50 29.10	+19 21 51.0	18.1	704
1989 ST ₃	1999 01	25.76649	06 57 39.77	+20 44 22.9		120	1989 XD ₂	1999 01	18.38268	07 50 27.63	+19 22 00.5	18.5	704
1989 ST ₃	1999 01	25.77516	06 57 39.32	+20 44 24.3		120	1989 XD ₂	1999 01	18.40472	07 50 26.27	+19 22 06.4	18.1	704
1989 SZ ₃	1999 01	05.16633	04 22 12.09	+18 12 19.4	17.6 R	699	1990 BB	1999 01	10.50905	05 46 26.59	+25 59 54.4	17.0 V	886
1989 SZ ₃	1999 01	05.18799											

1990 KX	1999 01	18.23205	07 27 25.99	+23 11 25.3	16.9	732	1990 QB ₅	1999 01	11.47520	02 28 39.49	+14 37 48.7	327
1990 KX	1999 01	18.26487	07 27 23.68	+23 11 33.9	17.0	732	1990 QB ₅	1999 01	11.49500	02 28 40.48	+14 37 57.6	327
1990 KX	1999 01	19.20309	07 26 18.61	+23 15 41.5	17.9	704	1990 QB ₅	1999 01	14.46588	02 31 21.52	+15 00 24.4	327
1990 KX	1999 01	19.22551	07 26 17.00	+23 15 48.1	18.2	704	1990 QB ₅	1999 01	14.48069	02 31 22.33	+15 00 31.1	17.4 327
1990 KX	1999 01	19.24764	07 26 15.53	+23 15 53.8	18.9	704	1990 QB ₅	1999 01	14.49605	02 31 23.16	+15 00 37.7	327
1990 KX	1999 01	19.26993	07 26 13.71	+23 16 00.1	18.6	704	1990 QB ₅	1999 01	16.42509	02 33 15.15	+15 15 28.0	17.2 327
1990 KX	1999 01	19.29207	07 26 12.19	+23 16 06.8	18.5	704	1990 QB ₅	1999 01	16.43514	02 33 15.75	+15 15 33.2	327
1990 OV	1999 01	18.31847	07 57 49.38	+10 15 27.2	18.2	704	1990 QB ₅	1999 01	16.44512	02 33 16.34	+15 15 37.3	327
1990 OV	1999 01	18.34113	07 57 47.87	+10 15 31.9	18.9	704	1990 QB ₅	1999 01	16.45578	02 33 16.96	+15 15 42.3	327
1990 OV	1999 01	18.36422	07 57 46.34	+10 15 34.7	18.6	704	1990 QC ₅	1999 01	13.43480	10 19 36.29	+15 16 13.2	17.7 R 699
1990 OV	1999 01	18.38628	07 57 44.97	+10 15 39.4	19.1	704	1990 QC ₅	1999 01	13.45517	10 19 35.72	+15 16 16.7	699
1990 OF ₁	1999 01	15.33982	09 14 58.52	+06 33 20.2	18.6 R	699	1990 QC ₅	1999 01	13.47557	10 19 35.14	+15 16 20.9	699
1990 OF ₁	1999 01	15.36537	09 14 57.58	+06 33 26.6		699	1990 QF ₅	1999 01	24.95613	10 02 05.50	+24 58 50.8	595
1990 OF ₁	1999 01	15.39089	09 14 56.57	+06 33 32.4		699	1990 QF ₅	1999 01	24.97593	10 02 04.56	+24 58 53.7	17.0 V 595
1990 OW ₁	1999 01	10.78205	10 53 19.41	+13 22 22.3		327	1990 QR ₅	1999 01	18.35573	09 20 57.79	+15 55 15.7	18.8 V 691
1990 OW ₁	1999 01	10.80733	10 53 19.17	+13 22 26.5		327	1990 QR ₅	1999 01	18.37735	09 20 56.91	+15 55 20.2	18.7 V 691
1990 OW ₁	1999 01	10.82885	10 53 19.00	+13 22 30.1	19.1	327	1990 QR ₅	1999 01	21.10633	09 19 05.21	+16 05 20.6	18.4 V 910
1990 OX ₁	1998 11	28.66545	04 56 39.16	+19 51 06.5		327	1990 QR ₅	1999 01	21.11919	09 19 04.65	+16 05 23.6	18.4 V 910
1990 OX ₁	1998 11	28.68109	04 56 38.09	+19 51 07.5	16.5	327	1990 QR ₅	1999 01	21.13572	09 19 03.93	+16 05 27.0	18.7 V 910
1990 OX ₁	1998 11	28.69690	04 56 37.00	+19 51 08.8		327	1990 QB ₆	1998 12	07.67615	05 56 05.20	+42 44 51.3	327
1990 ON ₂	1999 01	19.41274	08 58 55.25	+21 43 57.7	17.9	704	1990 QB ₆	1998 12	07.68145	05 56 04.77	+42 44 52.0	17.1 327
1990 ON ₂	1999 01	19.43461	08 58 53.78	+21 44 04.2	18.1	704	1990 QB ₆	1998 12	07.68679	05 56 04.33	+42 44 52.8	327
1990 ON ₂	1999 01	19.45650	08 58 52.36	+21 44 08.2	18.4	704	1990 QT ₉	1999 01	13.50463	12 11 48.11	+00 11 20.7	19.2 R 699
1990 ON ₂	1999 01	19.47835	08 58 50.91	+21 44 14.1	17.7	704	1990 QT ₉	1999 01	13.51992	12 11 48.53	+00 11 18.4	699
1990 ON ₂	1999 01	19.50034	08 58 49.47	+21 44 19.0	17.3	704	1990 QT ₉	1999 01	13.53521	12 11 49.06	+00 11 14.8	699
1990 OY ₃	1999 01	11.24204	04 51 43.07	+30 13 16.9	18.2	704	1990 QT ₉	1999 01	15.20466	12 12 40.97	+00 07 23.2	18.7 V 910
1990 OY ₃	1999 01	11.25276	04 51 42.48	+30 13 13.3	17.8	704	1990 QT ₉	1999 01	15.22126	12 12 41.46	+00 07 20.8	18.5 V 910
1990 OY ₃	1999 01	11.26333	04 51 42.13	+30 13 12.7	17.8	704	1990 QT ₉	1999 01	15.23729	12 12 41.90	+00 07 19.0	18.8 V 910
1990 OY ₃	1999 01	11.27391	04 51 41.78	+30 13 08.2	17.8	704	1990 QT ₉	1999 01	19.18584	12 14 28.60	+00 00 03.9	19.4 V 910
1990 OY ₃	1999 01	11.28448	04 51 41.41	+30 13 03.9	17.8	704	1990 QT ₉	1999 01	19.20151	12 14 28.95	+00 00 02.2	19.5 V 910
1990 QB	1999 01	15.50193	11 17 00.76	+06 30 47.5	18.3 R	699	1990 QT ₉	1999 01	19.21744	12 14 29.30	+00 00 00.9	19.5 V 910
1990 QB	1999 01	15.51722	11 17 00.32	+06 30 43.1		699	1990 RM ₉	1998 11	28.76466	06 52 11.85	+19 33 56.8	18.8 327
1990 QB	1999 01	15.53253	11 16 59.88	+06 30 40.0		699	1990 RM ₉	1998 11	28.77880	06 52 11.20	+19 33 54.9	327
1990 QW	1998 06	12.75611	21 38 09.11	-24 27 12.1	6	413	1990 RM ₉	1998 11	28.79338	06 52 10.52	+19 33 53.1	327
1990 QW	1999 01	19.42691	09 35 16.93	+21 46 59.5	18.8	704	1990 RM ₉	1999 01	10.09618	06 07 40.58	+18 32 04.7	18.0 R 747
1990 QW	1999 01	19.44881	09 35 15.66	+21 47 04.3	19.3	704	1990 RM ₉	1999 01	10.10955	06 07 39.79	+18 32 04.2	17.7 R 747
1990 QW	1999 01	19.47067	09 35 14.44	+21 47 10.1	19.0	704	1990 RM ₉	1999 01	10.12416	06 07 38.89	+18 32 04.0	18.0 R 747
1990 QW	1999 01	19.49254	09 35 13.10	+21 47 17.5	19.0	704	1990 RM ₉	1999 01	11.09287	06 06 43.81	+18 31 23.1	17.9 R 747
1990 QW	1999 01	19.51451	09 35 11.81	+21 47 20.2	18.9	704	1990 RM ₉	1999 01	11.10675	06 06 43.03	+18 31 22.5	17.3 R 747
1990 QG ₁	1999 01	15.15255	06 43 45.21	+32 12 09.4	20.2	732	1990 RF ₁₇	1999 01	10.07640	23 10 20.09	-04 13 58.8	18.5 R 699
1990 QG ₁	1999 01	15.15773	06 43 44.80	+32 12 08.8	17.8	732	1990 RF ₁₇	1999 01	10.09167	23 10 21.53	-04 13 52.4	699
1990 QG ₁	1999 01	16.17502	06 42 36.47	+32 10 27.9	18.2	732	1990 RF ₁₇	1999 01	10.10625	23 10 23.06	-04 13 45.8	699
1990 QG ₁	1999 01	16.18037	06 42 36.09	+32 10 27.4	18.2	732	1990 SZ	1998 10	20.19522	23 08 12.70	+00 02 53.5	17.1 V 689
1990 QG ₁	1999 01	16.19409	06 42 35.18	+32 10 26.1	18.4	732	1990 SG ₃	1999 01	22.11122	10 34 32.53	+10 26 43.5	17.6 R 046
1990 QG ₁	1999 01	16.19645	06 42 34.96	+32 10 24.8	18.1	704	1990 SG ₃	1999 01	22.11750	10 34 32.28	+10 26 45.2	046
1990 QG ₁	1999 01	16.20153	06 42 34.69	+32 10 26.0	18.5	732	1990 SG ₃	1999 01	22.12240	10 34 32.12	+10 26 46.9	046
1990 QG ₁	1999 01	16.21842	06 42 33.51	+32 10 22.4	18.3	704	1990 SK ₆	1999 01	07.11965	06 31 52.07	+35 31 56.8	557
1990 QG ₁	1999 01	16.24040	06 42 32.04	+32 10 20.3	18.7	704	1990 SK ₆	1999 01	07.12175	06 31 51.89	+35 31 56.8	557
1990 QG ₁	1999 01	16.26247	06 42 30.65	+32 10 19.4	19.6	704	1990 SK ₆	1999 01	07.12384	06 31 51.73	+35 31 57.1	557
1990 QX ₁	1999 01	15.20375	12 11 21.99	-00 02 45.0	19.3 V	910	1990 SK ₆	1999 01	16.09885	06 21 22.59	+35 33 46.6	17.8 704
1990 QX ₁	1999 01	15.22034	12 11 22.26	-00 02 46.6	19.6 V	910	1990 SK ₆	1999 01	16.12086	06 21 21.06	+35 33 46.3	704
1990 QX ₁	1999 01	15.23637	12 11 22.58	-00 02 48.3	19.5 V	910	1990 SK ₆	1999 01	16.14360	06 21 19.58	+35 33 45.7	704
1990 QX ₁	1999 01	19.18442	12 12 25.44	-00 08 16.3	19.3 V	910	1990 SK ₆	1999 01	16.16561	06 21 18.08	+35 33 45.2	704
1990 QX ₁	1999 01	19.20009	12 12 25.62	-00 08 17.1	19.3 V	910	1990 SK ₆	1999 01	16.18768	06 21 16.58	+35 33 44.3	18.1 704
1990 QX ₁	1999 01	19.21601	12 12 25.80	-00 08 18.5	19.4 V	910	1990 SK ₆	1999 01	19.09425	06 18 16.44	+35 31 05.3	18.2 704
1990 QB ₂	1999 01	23.19143	05 34 37.12	+20 22 51.6	19.0	704	1990 SK ₆	1999 01	19.11627	06 18 14.99	+35 31 05.5	18.1 704
1990 QB ₂	1999 01	23.21320	05 34 36.26	+20 22 55.6	19.5	704	1990 SK ₆	1999 01	19.13822	06 18 13.78	+35 31 04.4	18.7 704
1990 QB ₂	1999 01	23.23516	05 34 35.53	+20 22 56.4	19.3	704	1990 SK ₆	1999 01	19.18213	06 18 10.95	+35 31 01.5	18.6 704
1990 QB ₂	1999 01	23.25691	05 34 34.89	+20 22 56.5	19.3	704	1990 SN ₆	1999 01	18.10976	05 32 30.80	+19 59 57.4	17.7 704
1990 QE ₂	1999 01	14.46201	10 50 17.64	+08 59 55.7	18.0 R	699	1990 SN ₆	1999 01	18.13174	05 32 29.82	+20 00 03.0	18.1 704
1990 QE ₂	1999 01	14.47728	10 50 17.50	+08 59 55.1		699	1990 SN ₆	1999 01	18.15402	05 32 28.91	+20 00 03.8	18.1 704
1990 QE ₂	1999 01	14.49260	10 50 17.13	+08 59 54.7		699	1990 SL ₇	1999 01	18.99435	08 42 10.27	+23 24 56.4	17.4 R 046
1990 QE ₂	1999 01	20.07347	10 48 17.78	+09 04 07.2	18.3 V	910	1990 SL ₇	1999 01	18.99623	08 42 10.13	+23 24 57.1	046
1990 QE ₂	1999 01	20.10808	10 48 16.81	+09 04 09.6	18.3 V	910	1990 SL ₇	1999 01	18.99841	08 42 09.99	+23 24 58.1	046
1990 QE ₂	1999 01	20.14237	10 48 15.85	+09 04 12.0	18.2 V	910	1990 SL ₇	1999 01	19.31865	08 41 49.08	+23 26 38.6	17.7 704
1990 QE ₂	1999 01	23.10624	10 46 49.27	+09 08 21.5	18.2 V	910	1990 SL ₇	1999 01	19.34082	08 41 47.50	+23 26 44.3	18.4 704
1990 QE ₂	1999 01	23.13182	10 46 48.43	+09 08 23.9	18.2 V	910	1990 SL ₇	1999 01	19.36297	08 41 46.13	+23 26 51.7	18.8 704
1990 QE ₂	1999 01	23.15609	10 46 47.61	+09 08 26.2	17.8 V	910	1990 SL ₇	1999 01	19.38502	08 41 44.55	+23 26 58.4	18.7 704
1990 QN ₂	1999 01	16.19413	06 36 26.05	+33 06 04.6	18.2	704	1990 SL ₇	1999 01	19.40705	08 41 43.07	+23 27 03.2	18.7 704
1990 QN ₂	1999 01	16.21609	06 36 24.51	+33 06 00.4	18.5	704	1990 SA ₈	1999 01	05.16506	04 13 50.99	+19 28 50.8	1

1990 TJ	1999 01	14.77840	01 11 04.67	+06 16 21.4	18.9	V	910	1990 VG ₆	1999 01	15.08958	03 31 39.29	+07 56 10.3	17.1	R	699
1990 TJ	1999 01	14.80284	01 11 06.27	+06 16 34.1	19.1	V	910	1990 VG ₆	1999 01	15.10554	03 31 39.35	+07 56 14.6			699
1990 TY ₇	1999 01	10.30300	08 29 12.60	+24 34 44.3	16.7	R	699	1990 VG ₆	1999 01	15.12082	03 31 39.48	+07 56 18.8			699
1990 TY ₇	1999 01	10.32851	08 29 11.06	+24 34 50.7			699	1990 VP ₆	1999 01	11.08356	01 40 26.79	+04 04 29.6	17.8		704
1990 TY ₇	1999 01	10.35404	08 29 09.57	+24 34 56.9			699	1990 VP ₆	1999 01	11.09467	01 40 27.39	+04 04 32.3	17.8		704
1990 TY ₇	1999 01	19.31354	08 19 58.51	+25 09 43.9	17.0		704	1990 VP ₆	1999 01	11.10580	01 40 27.70	+04 04 33.9	17.8		704
1990 TY ₇	1999 01	19.33574	08 19 56.96	+25 09 47.1	16.0		704	1990 VP ₆	1999 01	11.12750	01 40 28.84	+04 04 38.9	18.1		704
1990 TY ₇	1999 01	19.35777	08 19 55.54	+25 09 53.2	17.7		704	1990 WX ₁	1999 01	11.99455	08 01 09.64	+14 57 23.6	18.3	V	012
1990 TY ₇	1999 01	19.37994	08 19 54.05	+25 09 55.9	16.2		704	1990 WX ₁	1999 01	12.00135	08 01 09.26	+14 57 26.1	18.5	V	012
1990 TY ₇	1999 01	19.40198	08 19 52.56	+25 10 00.7	16.2		704	1990 WX ₁	1999 01	12.00874	08 01 08.82	+14 57 27.8	18.9	V	012
1990 TE ₉	1999 01	18.93653	09 54 04.89	+13 59 57.9	18.0	R	113	1990 WX ₁	1999 01	12.02148	08 01 08.03	+14 57 31.8	18.5	V	012
1990 TE ₉	1999 01	18.96746	09 54 03.74	+14 00 01.5	17.6	R	113	1990 WX ₁	1999 01	18.31573	07 54 42.78	+15 28 28.7	18.9		704
1990 TE ₉	1999 01	19.97843	09 53 15.73	+14 02 55.1	18.8		132	1990 WX ₁	1999 01	18.33839	07 54 41.27	+15 28 38.1	18.9		704
1990 TE ₉	1999 01	19.99827	09 53 14.60	+14 03 01.1	18.6		132	1990 WZ ₁	1999 01	11.99455	08 01 14.69	+14 47 44.1	18.0	V	012
1990 TE ₉	1999 01	21.05061	09 52 22.83	+14 06 07.2	17.9	R	113	1990 WZ ₁	1999 01	12.00135	08 01 14.42	+14 47 44.4	18.1	V	012
1990 TE ₉	1999 01	21.08279	09 52 21.02	+14 06 12.8	18.0	R	113	1990 WZ ₁	1999 01	12.00874	08 01 13.89	+14 47 46.5	18.6	V	012
1990 TE ₉	1999 01	21.94566	09 51 37.99	+14 08 52.2	18.7		132	1990 WZ ₁	1999 01	12.01543	08 01 13.39	+14 47 48.8	18.2	V	012
1990 TE ₉	1999 01	21.97344	09 51 36.65	+14 08 58.5	18.4		132	1990 WZ ₁	1999 01	12.02148	08 01 13.05	+14 47 49.8	18.1	V	012
1990 TG ₁₁	1999 01	24.82175	08 56 11.54	+15 04 07.5	18.0		120	1990 WD ₂	1999 01	18.08372	05 21 29.99	+21 36 39.8	17.8		704
1990 TG ₁₁	1999 01	24.83270	08 56 10.82	+15 04 08.6			120	1990 WD ₂	1999 01	18.10569	05 21 29.29	+21 36 45.7	18.5		704
1990 TG ₁₁	1999 01	24.89235	08 56 06.90	+15 04 22.0			120	1990 WD ₂	1999 01	18.12766	05 21 28.47	+21 36 50.8	18.5		704
1990 TG ₁₁	1999 01	25.83219	08 55 07.21	+15 07 23.9	18.2		120	1990 WD ₂	1999 01	18.14975	05 21 27.84	+21 36 55.0	18.2		704
1990 TG ₁₁	1999 01	25.91485	08 55 01.96	+15 07 40.6			120	1990 WD ₂	1999 01	18.17197	05 21 27.06	+21 37 00.0	18.2		704
1990 TG ₁₁	1999 01	27.92584	08 52 52.87	+15 14 19.0	17.7		120	1990 WR ₂	1999 01	11.18400	02 58 13.46	+11 55 35.4	17.9		704
1990 TG ₁₁	1999 01	27.94558	08 52 51.61	+15 14 22.7			120	1990 WR ₂	1999 01	11.19445	02 58 14.01	+11 55 41.9	17.0		704
1990 TU ₁₁	1999 01	08.24876	04 57 59.38	+26 21 45.7	18.2		704	1990 WR ₂	1999 01	11.20501	02 58 14.34	+11 55 49.8	17.0		704
1990 TU ₁₁	1999 01	08.26279	04 57 59.01	+26 21 42.4	18.2		704	1990 WR ₂	1999 01	11.21548	02 58 14.87	+11 55 54.6	17.0		704
1990 TU ₁₁	1999 01	08.27707	04 57 58.40	+26 21 41.2	18.3		704	1990 WR ₂	1999 01	11.22597	02 58 15.17	+11 56 03.8	17.7		704
1990 TU ₁₁	1999 01	08.29142	04 57 57.56	+26 21 39.4	18.6		704	1990 WJ ₄	1999 01	14.35911	09 35 25.54	+15 17 37.2	17.3	R	699
1990 TU ₁₁	1999 01	11.24386	04 56 24.05	+26 14 28.4	18.5		704	1990 WJ ₄	1999 01	14.37950	09 35 24.78	+15 17 45.5			699
1990 TU ₁₁	1999 01	11.25457	04 56 23.70	+26 14 24.0	18.5		704	1990 WJ ₄	1999 01	14.39919	09 35 23.98	+15 17 53.5			699
1990 TU ₁₁	1999 01	11.26514	04 56 23.48	+26 14 22.5	18.5		704	1990 WJ ₄	1999 01	18.36393	09 32 47.95	+15 44 52.0	17.9	V	691
1990 TU ₁₁	1999 01	11.27578	04 56 22.92	+26 14 21.1	18.5		704	1990 WJ ₄	1999 01	18.38555	09 32 46.98	+15 45 01.2	17.6	V	691
1990 TU ₁₁	1999 01	11.28629	04 56 22.68	+26 14 19.7	18.5		704	1990 WJ ₄	1999 01	18.40745	09 32 46.00	+15 45 10.7	17.7	V	691
1990 TU ₁₁	1999 01	17.83005	04 54 06.48	+25 59 16.5	18.1	R	113	1990 XF	1998 12	29.76954	04 19 45.32	+31 26 51.9			127
1990 TU ₁₁	1999 01	17.84874	04 54 06.20	+25 59 13.8	18.5	R	113	1990 XF	1998 12	29.77537	04 19 45.05	+31 26 49.2			127
1990 TU ₁₁	1999 01	18.77287	04 53 55.21	+25 57 15.3	18.1	R	113	1990 XF	1999 01	08.24233	04 14 24.82	+30 06 30.8	16.6		704
1990 TU ₁₁	1999 01	18.80550	04 53 54.80	+25 57 11.4	18.0	R	113	1990 XF	1999 01	08.25412	04 14 24.42	+30 06 24.3	17.1		704
1990 TG ₁₃	1999 01	18.77094	07 44 42.09	+38 49 20.5	16.4	R	113	1990 XF	1999 01	08.26862	04 14 24.07	+30 06 17.0	17.1		704
1990 TG ₁₃	1999 01	18.82397	07 44 38.43	+38 49 42.0	16.4	R	113	1990 XF	1999 01	08.28291	04 14 23.77	+30 06 09.6			704
1990 TG ₁₃	1999 01	18.89546	07 44 33.50	+38 50 10.8	16.4	R	113	1990 XF	1999 01	08.29642	04 14 23.37	+30 06 01.6			704
1990 TG ₁₃	1999 01	19.30332	07 44 06.01	+38 52 48.9	17.9		704	1990 XF	1999 01	11.23717	04 13 25.18	+29 41 59.9	17.4		704
1990 TG ₁₃	1999 01	19.32551	07 44 04.38	+38 52 55.7	17.5		704	1990 XF	1999 01	11.24779	04 13 24.69	+29 41 53.8	17.5		704
1990 TG ₁₃	1999 01	19.36982	07 44 01.45	+38 53 15.2	18.3		704	1990 XF	1999 01	11.25838	04 13 24.73	+29 41 46.4	17.2		704
1990 TG ₁₃	1999 01	19.39187	07 43 59.88	+38 53 23.4	17.8		704	1990 XF	1999 01	11.26901	04 13 24.70	+29 41 41.7			704
1990 TG ₁₃	1999 01	20.87455	07 42 21.66	+39 02 10.5	16.0	R	113	1990 XN	1998 12	02.72185	08 31 34.60	+21 37 08.7	17.2		327
1990 TG ₁₃	1999 01	20.90323	07 42 19.68	+39 02 20.4	16.0	R	113	1990 XN	1998 12	02.74693	08 31 35.09	+21 37 14.3			327
1990 TK ₁₅	1999 01	13.44117	10 01 16.33	+17 12 38.9	17.1	R	699	1990 XN	1998 12	02.78310	08 31 35.80	+21 37 21.9			327
1990 TK ₁₅	1999 01	13.46155	10 01 15.48	+17 12 41.9			699	1990 XN	1999 01	16.31592	08 13 14.23	+26 19 08.1	16.2		704
1990 TK ₁₅	1999 01	13.48125	10 01 14.64	+17 12 45.3			699	1990 XN	1999 01	16.33809	08 13 12.82	+26 19 19.1			704
1990 UR	1999 01	06.14260	07 44 00.00	+23 44 57.5	18.0		732	1990 XN	1999 01	16.38194	08 13 10.02	+26 19 35.4	17.5		704
1990 UR	1999 01	06.15208	07 43 59.36	+23 44 58.8	18.0		732	1990 XN	1999 01	16.40388	08 13 08.60	+26 19 45.3	17.3		704
1990 UR	1999 01	07.19175	07 42 48.03	+23 47 20.6	17.2		732	1990 XN	1999 01	19.10742	08 10 25.17	+26 38 32.6	16.4		750
1990 UR	1999 01	07.19715	07 42 47.65	+23 47 21.2	16.9		732	1990 XN	1999 01	19.12889	08 10 23.85	+26 38 40.7	16.3		750
1990 UR	1999 01	07.20253	07 42 47.27	+23 47 22.1	17.1		732	1990 XN	1999 01	19.31174	08 10 12.41	+26 39 58.3	16.3		704
1990 UR	1999 01	12.04043	07 37 11.96	+23 57 31.4	17.7	V	012	1990 XN	1999 01	19.33400	08 10 10.92	+26 40 06.8			704
1990 UR	1999 01	12.04737	07 37 11.40	+23 57 32.8	17.3	V	012	1990 XN	1999 01	19.35604	08 10 09.56	+26 40 16.8	16.4		704
1990 UR	1999 01	12.05418	07 37 10.98	+23 57 33.5	17.4	V	012	1990 XN	1999 01	19.37821	08 10 08.19	+26 40 24.9			704
1990 UR	1999 01	12.06043	07 37 10.53	+23 57 33.8	17.4	V	012	1990 XN	1999 01	19.40024	08 10 06.70	+26 40 34.2			704
1990 UR	1999 01	12.07346	07 37 09.59	+23 57 35.6	17.3	V	012	1990 XN	1999 01	26.16421	08 03 15.98	+27 22 57.1	16.7		750
1990 UR	1999 01	19.20309	07 29 02.95	+24 09 52.7	18.0		704	1990 XN	1999 01	26.17655	08 03 15.18	+27 23 00.6	16.5		750
1990 UR	1999 01	19.22551	07 29 01.38	+24 09 54.6	19.0		704	1990 XZ	1999 01	14.12840	02 58 54.60	+35 31 37.9	17.0	R	699
1990 UR	1999 01	19.24764	07 28 59.88	+24 09 56.8	19.5		704	1990 XZ	1999 01	14.14870	02 58 54.99	+35 31 44.9			699
1990 UR	1999 01	19.26993	07 28 58.39	+24 09 59.2	18.4		704	1990 XZ	1999 01	14.16397	02 58 55.26	+35 31 49.9			699
1990 UR	1999 01	19.29207	07 28 56.58	+24 10 00.7	19.5		704	1991 AK	1999 01	06.11801	02 20 57.90	+16 37 47.7	17.9	R	699
1990 UC ₁	1999 01	16.08557	05 46 38.88	+38 35 05.5	19.1		704	1991 AK	1999 01	06.13839	02 20 58.31	+16 37 48.5			699

1991 EB	1999 01	14.16227	06 11 13.99	+21 22 39.9	716	1991 PU ₁₁	1999 01	08.08032	01 29 35.11	+15 52 37.6	18.3	704
1991 EB	1999 01	18.09957	06 08 11.79	+21 19 46.8	17.6	1991 PU ₁₁	1999 01	08.09193	01 29 35.80	+15 52 42.0	18.3	704
1991 EB	1999 01	18.12155	06 08 10.73	+21 19 46.7	17.7	1991 PU ₁₁	1999 01	08.10346	01 29 36.87	+15 52 45.4	18.6	704
1991 EB	1999 01	18.14352	06 08 09.80	+21 19 45.7	17.9	1991 PU ₁₁	1999 01	08.11491	01 29 37.69	+15 52 49.7	18.2	704
1991 EB	1999 01	18.16585	06 08 08.79	+21 19 44.1	17.9	1991 PU ₁₁	1999 01	08.12545	01 29 38.38	+15 52 52.3	18.2	704
1991 EB	1999 01	18.18780	06 08 07.73	+21 19 43.0	18.0	1991 PO ₁₂	1999 01	13.07956	00 35 36.99	-01 27 59.4	18.0 R	699
1991 EJ	1999 01	14.12840	02 55 47.43	+33 57 33.3	17.6 R	1991 PO ₁₂	1999 01	13.09483	00 35 38.51	-01 27 48.3		699
1991 EJ	1999 01	14.14870	02 55 47.50	+33 57 26.9		1991 PO ₁₂	1999 01	13.11238	00 35 40.36	-01 27 36.2		699
1991 EJ	1999 01	14.16397	02 55 47.63	+33 57 22.2		1991 PM ₁₃	1999 01	05.73566	23 34 52.43	-01 19 46.4	20.6 V	910
1991 EJ	1999 01	18.08319	02 56 21.13	+33 37 46.5	17.7	1991 PM ₁₃	1999 01	05.75128	23 34 53.79	-01 19 36.9	20.4 V	910
1991 EJ	1999 01	18.10517	02 56 21.44	+33 37 37.6	17.7	1991 PM ₁₃	1999 01	05.76710	23 34 55.19	-01 19 27.5	20.3 V	910
1991 EJ	1999 01	18.14923	02 56 21.82	+33 37 23.8	16.8	1991 PP ₁₃	1999 01	10.75121	09 45 13.99	+17 52 41.7	17.5	411
1991 EJ	1999 01	18.17144	02 56 21.81	+33 37 19.3	16.8	1991 PP ₁₃	1999 01	10.77015	09 45 13.26	+17 52 42.9		411
1991 FL ₂	1999 01	08.07221	00 42 33.69	+14 36 06.7	18.7	1991 PP ₁₃	1999 01	11.54730	09 44 44.62	+17 53 43.6		411
1991 FL ₂	1999 01	08.08280	00 42 34.31	+14 36 11.1	18.7	1991 PP ₁₃	1999 01	11.55635	09 44 44.34	+17 53 44.1		411
1991 FL ₂	1999 01	08.09458	00 42 34.95	+14 36 14.9	18.7	1991 PR ₁₆	1999 01	07.08465	01 46 32.90	+09 07 00.5	18.9 V	691
1991 FL ₂	1999 01	08.10581	00 42 35.87	+14 36 15.4	18.9	1991 PR ₁₆	1999 01	07.10575	01 46 34.10	+09 07 08.4	19.0 V	691
1991 FW ₃	1998 12	15.37685	05 32 25.95	+15 05 37.0	17.9	1991 PR ₁₆	1999 01	07.12703	01 46 35.28	+09 07 16.5	19.1 V	691
1991 FW ₃	1998 12	15.39183	05 32 25.06	+15 05 36.5	17.8	1991 PT ₁₆	1998 12	17.89610	11 28 07.64	+03 26 58.5		327
1991 FW ₃	1998 12	15.40664	05 32 24.16	+15 05 35.6	17.8	1991 PT ₁₆	1998 12	17.90441	11 28 07.91	+03 26 56.5	19.1	327
1991 FW ₃	1998 12	15.42150	05 32 23.28	+15 05 35.6		1991 PT ₁₆	1998 12	17.91951	11 28 08.49	+03 26 53.5		327
1991 FW ₃	1998 12	15.43635	05 32 22.47	+15 05 34.9		1991 PJ ₁₇	1999 01	19.81424	05 59 19.52	+22 00 09.1	18.0 R	046
1991 FW ₃	1998 12	22.18690	05 26 01.20	+15 02 55.5	17.9	1991 PJ ₁₇	1999 01	19.81847	05 59 19.30	+22 00 09.9		046
1991 FW ₃	1998 12	22.20979	05 25 59.87	+15 02 54.8	17.8	1991 PJ ₁₇	1999 01	19.82168	05 59 19.14	+22 00 10.0		046
1991 FW ₃	1998 12	22.23247	05 25 58.58	+15 02 55.2	18.1	1991 PO ₁₈	1999 01	05.08681	01 03 54.10	+12 41 43.8	18.9 R	699
1991 FW ₃	1998 12	22.25514	05 25 57.31	+15 02 55.2	18.3	1991 PO ₁₈	1999 01	05.10720	01 03 55.16	+12 41 48.3		699
1991 FW ₃	1998 12	22.27801	05 25 55.98	+15 02 55.0		1991 PO ₁₈	1999 01	05.12758	01 03 56.22	+12 41 53.3		699
1991 GH ₃	1999 01	22.11526	12 04 04.01	-01 50 46.8	18.2	1991 RE ₁	1999 01	08.08252	00 48 54.93	+10 26 51.7	18.5	704
1991 GH ₃	1999 01	22.18715	12 04 04.50	-01 50 52.4		1991 RE ₁	1999 01	08.09431	00 48 55.70	+10 26 56.1	17.8	704
1991 GH ₃	1999 01	23.05365	12 04 11.21	-01 52 05.1	18.4	1991 RE ₁	1999 01	08.10553	00 48 56.59	+10 26 59.2	17.8	704
1991 GH ₃	1999 01	23.08524	12 04 11.48	-01 52 07.1		1991 RE ₁	1999 01	08.11702	00 48 57.21	+10 27 00.5	18.0	704
1991 GP ₃	1999 01	09.08883	01 38 49.27	+09 50 14.1	20.0 V	1991 RE ₂	1999 01	08.09166	01 30 52.14	+12 37 46.4	18.8	704
1991 GP ₃	1999 01	09.11044	01 38 49.86	+09 50 17.4	19.7 V	1991 RE ₂	1999 01	08.10324	01 30 52.93	+12 37 49.3	18.5	704
1991 GP ₃	1999 01	09.13179	01 38 50.43	+09 50 20.0	19.6 V	1991 RE ₂	1999 01	08.11469	01 30 53.89	+12 37 50.4	18.3	704
1991 GP ₃	1999 01	09.11666	01 44 07.96	+10 17 38.3	19.6 V	1991 RE ₂	1999 01	08.12523	01 30 54.77	+12 37 53.4	18.2	704
1991 GP ₃	1999 01	09.13791	01 44 08.70	+10 17 42.2	19.7 V	1991 RF ₂	1999 01	12.23992	09 47 48.76	+17 28 01.9	18.5 R	758
1991 GP ₃	1999 01	09.15971	01 44 09.45	+10 17 46.4	19.8 V	1991 RF ₂	1999 01	12.24691	09 47 48.49	+17 28 02.4	15.9 R	758
1991 GX ₇	1999 01	16.09726	06 05 51.50	+37 44 07.8	18.5	1991 RF ₂	1999 01	12.25819	09 47 48.06	+17 28 03.1	16.2 R	758
1991 GX ₇	1999 01	16.11927	06 05 50.26	+37 44 04.6	18.1	1991 RF ₂	1999 01	19.42647	09 42 59.32	+17 36 29.2	16.9	704
1991 GX ₇	1999 01	16.14200	06 05 49.02	+37 44 00.7	18.1	1991 RF ₂	1999 01	19.44837	09 42 58.32	+17 36 31.0		704
1991 GX ₇	1999 01	16.16402	06 05 47.92	+37 43 55.7	18.6	1991 RF ₂	1999 01	19.47023	09 42 57.34	+17 36 33.3	17.1	704
1991 GX ₇	1999 01	17.22212	06 04 54.98	+37 40 17.4	17.9	1991 RF ₂	1999 01	19.49210	09 42 56.32	+17 36 34.7		704
1991 GX ₇	1999 01	17.23609	06 04 54.29	+37 40 14.4	17.9	1991 RF ₂	1999 01	19.51407	09 42 55.33	+17 36 36.8		704
1991 GX ₇	1999 01	18.20447	06 04 08.00	+37 36 46.0	18.1	1991 RP ₂	1999 01	18.92782	09 47 21.66	-00 04 19.6	16.5 R	113
1991 GX ₇	1999 01	18.25911	06 04 05.31	+37 36 33.0	18.1	1991 RP ₂	1999 01	18.95844	09 47 20.55	-00 04 16.4	16.2 R	113
1991 GX ₇	1999 01	19.08944	06 03 27.57	+37 33 26.6	17.5	1991 RP ₂	1999 01	20.94723	09 46 10.45	-00 01 41.1		611
1991 GX ₇	1999 01	19.11140	06 03 26.52	+37 33 24.1	19.1	1991 RP ₂	1999 01	20.95799	09 46 10.06	-00 01 39.8		611
1991 GX ₇	1999 01	19.15536	06 03 24.39	+37 33 13.1	17.6	1991 RP ₂	1999 01	21.04244	09 46 06.85	-00 01 32.9	16.7 R	113
1991 GX ₇	1999 01	19.17732	06 03 23.46	+37 33 08.1	17.6	1991 RP ₂	1999 01	21.07469	09 46 05.63	-00 01 30.1	16.7 R	113
1991 GM ₁₀	1999 01	21.18455	13 30 27.34	-04 13 18.2	19.8 V	1991 RS ₂	1999 01	17.75814	00 46 04.25	+04 04 04.9	18.5 R	113
1991 GM ₁₀	1999 01	21.21821	13 30 27.83	-04 13 19.0	19.8 V	1991 RS ₂	1999 01	17.78426	00 46 06.44	+04 04 16.1	17.8 R	113
1991 GM ₁₀	1999 01	21.23410	13 30 28.07	-04 13 19.2	19.7 V	1991 RT ₃	1999 01	13.10880	01 59 53.51	+10 15 38.9	18.0 V	691
1991 GM ₁₀	1999 01	22.19436	13 30 42.24	-04 13 36.0	19.4 V	1991 RT ₃	1999 01	13.14050	01 59 55.88	+10 15 48.5	18.0 V	691
1991 GM ₁₀	1999 01	22.21079	13 30 42.47	-04 13 36.7	19.4 V	1991 RT ₃	1999 01	13.17280	01 59 58.32	+10 15 58.5	18.0 V	691
1991 GM ₁₀	1999 01	22.22707	13 30 42.69	-04 13 36.7	19.2 V	1991 RT ₃	1999 01	14.17060	02 01 15.58	+10 21 11.7	18.2 V	691
1991 GM ₁₀	1999 01	23.18705	13 30 56.11	-04 13 49.1	18.7 V	1991 RT ₃	1999 01	14.17439	02 01 15.87	+10 21 12.9	18.2 V	691
1991 GM ₁₀	1999 01	23.20786	13 30 56.39	-04 13 49.3	18.9 V	1991 RT ₃	1999 01	14.17842	02 01 16.18	+10 21 14.1	18.2 V	691
1991 GM ₁₀	1999 01	23.22388	13 30 56.59	-04 13 49.6	18.9 V	1991 RT ₃	1999 01	17.76442	02 06 03.39	+10 40 51.8	17.6 R	113
1991 GM ₁₀	1999 01	26.18999	13 31 33.59	-04 13 59.5	20.4 V	1991 RT ₃	1999 01	17.79060	02 06 05.51	+10 41 00.1	17.8 R	113
1991 GM ₁₀	1999 01	26.21246	13 31 33.84	-04 13 59.5	20.4 V	1991 RT ₃	1999 01	17.81477	02 06 07.52	+10 41 08.8	17.7 R	113
1991 GM ₁₀	1999 01	26.23544	13 31 34.08	-04 13 59.4	20.3 V	1991 RF ₆	1999 01	11.24350	04 51 06.34	+20 33 43.7	17.7	704
1991 JT ₁	1999 01	05.45330	13 09 41.67	-08 45 05.0	18.5 R	1991 RF ₆	1999 01	11.26479	04 51 05.64	+20 33 48.1	18.4	704
1991 JT ₁	1999 01	05.47512	13 09 43.23	-08 45 09.4		1991 RF ₆	1999 01	11.27542	04 51 05.32	+20 33 46.3	18.4	704
1991 JT ₁	1999 01	05.49633	13 09 44.66	-08 45 12.1		1991 RF ₆	1999 01	11.28594	04 51 04.99	+20 33 48.6	18.4	704
1991 LJ ₂	1998 12	24.44561	23 42 17.90	-09 31 56.6	18.9	1991 RQ ₇	1999 01	22.46132	09 11 39.87	+14 38 49.3	18.7 V	691
1991 LJ ₂	1998 12	24.44953	23 42 18.03	-09 31 54.6		1991 RQ ₇	1999 01	22.48236	09 11 38.86	+14 38 51.9	19.0 V	691
1991 LJ ₂	1998 12	24.45348	23 42 18.23	-09 31 52.7		1991 RY ₈	1998 10	20.28094	01 11 59.24	+09 43 50.0	15.8 V	689
1991 LL ₂	1999 01	20.10848	01 33 46.69	+09 24 06.7	20.0 V	1991 RY ₈	1998 11	01.24097	01 01 34.47	+09 11 36.6	16.9 V	689
1991 LL ₂	1999 01	20.11935	01 33 47.11	+09 24 09.1	19.6 V	1991 RY ₈	1999 01	05.09062	01 21 18.72	+12 03 04.2	18.1 R	699
1991 PV	1999 01	14.09141	01 50 23.99	+10 47 36.8	19.8 V	1991 RY ₈	1999 01	05.11102	01 21 20.04	+12 03 14.2		699
1991 PV	1999 01	14.15449	01 50 28.00	+10 47 58.1	20.1 V	1991 RY ₈	1999 01	05.13140	01 21 21.56	+12 03 22.6		

1991 RJ ₄₁	1998 12 06.48330	01 03 07.10	+13 24 18.4	327	1991 VE	1999 01 05.76770	07 36 55.67	+50 53 47.2	15.8 R	151	
1991 RJ ₄₁	1998 12 06.49652	01 03 07.31	+13 24 20.4	17.4	327	1991 VE	1999 01 05.77538	07 36 50.89	+50 54 29.1	15.3 R	151
1991 RJ ₄₁	1998 12 06.50983	01 03 07.49	+13 24 22.8	327	1991 VE	1999 01 05.81657	07 36 24.99	+50 58 21.1		587	
1991 ST	1999 01 08.24526	04 13 26.14	+21 23 55.3	17.5	704	1991 VE	1999 01 05.82006	07 36 22.71	+50 58 40.6		587
1991 ST	1999 01 08.25797	04 13 25.59	+21 23 57.8	17.5	704	1991 VE	1999 01 06.85266	07 24 48.09	+52 33 28.5	15.6 R	587
1991 ST	1999 01 08.28699	04 13 24.93	+21 23 57.7	17.4	704	1991 VE	1999 01 06.85426	07 24 46.92	+52 33 37.4		587
1991 ST	1999 01 08.29944	04 13 24.39	+21 23 59.1	17.4	704	1991 VE	1999 01 06.85903	07 24 43.42	+52 34 04.4		587
1991 ST	1999 01 17.47602	04 10 48.40	+21 38 52.2	17.9 R	426	1991 VE	1999 01 09.08787	06 53 13.71	+55 58 28.4	15.8 V	726
1991 ST	1999 01 17.50007	04 10 48.21	+21 38 54.8	17.6 R	426	1991 VE	1999 01 09.09256	06 53 09.01	+55 58 54.5	15.8 V	726
1991 ST	1999 01 19.48505	04 10 36.86	+21 42 40.2	17.7 R	426	1991 VE	1999 01 09.26419	06 50 15.26	+56 14 32.4		684
1991 ST	1999 01 19.49855	04 10 36.77	+21 42 41.7	17.0 R	426	1991 VE	1999 01 09.26802	06 50 11.27	+56 14 52.6		684
1991 ST	1999 01 19.51023	04 10 36.73	+21 42 43.1	17.7 R	426	1991 VE	1999 01 09.27127	06 50 07.88	+56 15 10.2		684
1991 SC ₁	1999 01 09.44179	09 45 31.71	+28 35 52.1	17.8 R	699	1991 VE	1999 01 09.27292	06 50 06.19	+56 15 19.1		684
1991 SC ₁	1999 01 09.47741	09 45 30.53	+28 36 03.8		699	1991 VE	1999 01 10.09826	06 35 23.08	+57 26 42.1		746
1991 SC ₁	1999 01 09.49777	09 45 29.71	+28 36 10.6		699	1991 VE	1999 01 10.10597	06 35 14.23	+57 27 21.6	16.7 R	746
1991 SC ₁	1999 01 19.42894	09 38 56.32	+29 30 38.6	17.5	704	1991 VE	1999 01 12.16707	05 50 40.71	+60 01 20.1	16.2 V	726
1991 SC ₁	1999 01 19.45083	09 38 55.34	+29 30 43.7	18.1	704	1991 VE	1999 01 12.18141	05 50 19.30	+60 02 14.3	16.1 V	726
1991 SC ₁	1999 01 19.47269	09 38 54.29	+29 30 52.6	18.1	704	1991 VE	1999 01 15.84359	04 07 02.72	+61 37 44.6		587
1991 SC ₁	1999 01 19.49456	09 38 53.25	+29 30 59.1	18.2	704	1991 VE	1999 01 15.84475	04 07 00.60	+61 37 43.4		587
1991 SC ₁	1999 01 19.51653	09 38 52.23	+29 31 06.1	18.7	704	1991 VE	1999 01 15.84808	04 06 54.35	+61 37 39.3		587
1991 SK ₂	1999 01 19.86919	08 33 58.33	+24 45 49.3	18.2	120	1991 VE	1999 01 16.91947	03 34 32.78	+61 03 50.1		118
1991 SK ₂	1999 01 19.88594	08 33 57.35	+24 45 51.1		120	1991 VE	1999 01 16.92183	03 34 28.60	+61 03 43.0		118
1991 SK ₂	1999 01 21.88402	08 32 07.36	+24 48 42.5	18.1	120	1991 VE	1999 01 16.93911	03 33 57.10	+61 02 52.5		118
1991 SK ₂	1999 01 21.89960	08 32 06.43	+24 48 43.3		120	1991 VE	1999 01 17.77060	03 09 46.71	+60 16 26.4	16.5 R	118
1991 SK ₂	1999 01 22.81755	08 31 15.73	+24 49 58.5	18.2	120	1991 VE	1999 01 17.77714	03 09 35.38	+60 16 00.3		118
1991 SK ₂	1999 01 22.83715	08 31 14.51	+24 49 58.1		120	1991 VE	1999 01 17.78771	03 09 17.71	+60 15 18.9	17.2 R	151
1991 SK ₂	1999 01 22.90807	08 31 10.67	+24 50 05.2		120	1991 VE	1999 01 17.79225	03 09 09.81	+60 15 00.6	17.0 R	151
1991 SK ₂	1999 01 25.81297	08 28 29.55	+24 53 37.9	18.2	120	1991 VE	1999 01 17.79667	03 09 02.17	+60 14 42.7	16.9 R	151
1991 SK ₂	1999 01 25.89370	08 28 25.01	+24 53 44.6		120	1991 VE	1999 01 21.75429	01 34 58.23	+53 24 27.0	16.9 R	151
1991 SM ₂	1999 01 08.13442	02 19 25.99	+21 35 00.1	19.0	704	1991 VE	1999 01 21.76536	01 34 45.46	+53 22 59.9	17.2 R	151
1991 SM ₂	1999 01 08.15722	02 19 26.88	+21 35 04.6	19.0	704	1991 VE	1999 01 21.83558	01 33 25.24	+53 13 44.7		587
1991 SM ₂	1999 01 08.16038	02 19 26.88	+21 35 02.7	18.3 R	699	1991 VE	1999 01 21.84032	01 33 19.82	+53 13 07.2		587
1991 SM ₂	1999 01 08.16897	02 19 27.20	+21 35 02.3	19.0	704	1991 VF ₁	1999 01 16.08193	05 13 58.95	+28 58 06.8	18.0	704
1991 SM ₂	1999 01 08.17964	02 19 27.66	+21 35 04.7	18.9	704	1991 VF ₁	1999 01 16.10395	05 13 58.24	+28 58 06.8	18.0	704
1991 SM ₂	1999 01 08.18582	02 19 27.86	+21 35 05.1		699	1991 VF ₁	1999 01 16.12596	05 13 57.49	+28 58 02.9	18.7	704
1991 SM ₂	1999 01 08.21125	02 19 28.88	+21 35 09.1		699	1991 VF ₁	1999 01 16.14871	05 13 56.79	+28 58 00.2	18.9	704
1991 TL	1999 01 10.15153	07 13 36.70	+17 12 33.2	17.7 R	747	1991 VF ₁	1999 01 16.17072	05 13 55.80	+28 57 57.1	19.3	704
1991 TL	1999 01 10.17970	07 13 34.63	+17 12 40.0	17.7 R	747	1991 VF ₁	1999 01 18.78447	05 12 40.43	+28 51 21.4	17.5 R	113
1991 TL	1999 01 10.19530	07 13 33.55	+17 12 45.2	17.7 R	747	1991 VF ₁	1999 01 18.84279	05 12 38.84	+28 51 12.8	18.0 R	113
1991 TL	1999 01 11.14914	07 12 27.23	+17 16 52.3	19.2 R	747	1991 VL ₁	1999 01 19.42487	09 32 03.45	+19 35 47.4	17.9	704
1991 TL	1999 01 11.16101	07 12 26.38	+17 16 54.8	19.0 R	747	1991 VL ₁	1999 01 19.44677	09 32 02.20	+19 35 57.2	18.8	704
1991 TL	1999 01 11.17491	07 12 25.26	+17 16 59.1	19.2 R	747	1991 VL ₁	1999 01 19.46863	09 32 00.94	+19 36 08.4	18.3	704
1991 TO	1999 01 06.08031	03 26 49.97	+12 44 19.1	18.5	725	1991 VL ₁	1999 01 19.49049	09 31 59.74	+19 36 17.9	18.1	704
1991 TO	1999 01 06.11644	03 26 50.07	+12 44 29.7	18.6	725	1991 VL ₁	1999 01 19.51247	09 31 58.49	+19 36 28.3	18.2	704
1991 TO	1999 01 10.13303	03 27 30.63	+13 04 35.1	18.9	725	1991 VQ ₁	1999 01 20.16917	03 53 23.51	+22 48 38.2	16.7	732
1991 TO	1999 01 10.22009	03 27 31.69	+13 05 02.1	18.8	725	1991 VQ ₁	1999 01 20.17376	03 53 23.58	+22 48 38.7	16.6	732
1991 TH ₁	1999 01 09.12550	01 13 22.65	+30 51 20.1	18.6	704	1991 VQ ₁	1999 01 20.17833	03 53 23.71	+22 48 39.9	16.6	732
1991 TH ₁	1999 01 09.13595	01 13 23.52	+30 51 24.4	18.6	704	1991 VQ ₁	1999 01 21.14483	03 53 51.51	+22 52 36.4	16.7	732
1991 TH ₁	1999 01 09.14639	01 13 24.39	+30 51 28.6	19.0	704	1991 VQ ₁	1999 01 21.14944	03 53 51.63	+22 52 37.2	16.8	732
1991 TH ₁	1999 01 09.15720	01 13 25.10	+30 51 33.1	18.7	704	1991 VQ ₁	1999 01 21.15407	03 53 51.73	+22 52 38.5	16.7	732
1991 TJ ₂	1999 01 16.20648	07 08 32.46	+30 08 50.0	18.0	704	1991 VF ₂	1999 01 17.94251	08 11 06.74	+08 26 56.3		145
1991 TJ ₂	1999 01 16.22845	07 08 30.77	+30 08 53.7	18.6	704	1991 VF ₂	1999 01 17.94960	08 11 06.36	+08 26 57.3	17.1	145
1991 TJ ₂	1999 01 16.25053	07 08 29.08	+30 08 55.3	18.8	704	1991 VF ₂	1999 01 17.95649	08 11 05.94	+08 26 58.5	17.1	145
1991 TJ ₂	1999 01 16.27244	07 08 27.46	+30 08 59.3	19.1	704	1991 VF ₂	1999 01 17.96006	08 11 05.70	+08 26 59.7	17.0	145
1991 TJ ₂	1999 01 17.12810	07 07 25.01	+30 10 50.0	17.3 V	715	1991 VF ₂	1999 01 17.96640	08 11 05.36	+08 27 00.4	17.0	145
1991 TJ ₂	1999 01 17.14346	07 07 23.78	+30 10 52.1	16.7 V	715	1991 VF ₂	1999 01 18.32560	08 10 43.21	+08 27 52.2	17.1	704
1991 TJ ₂	1999 01 19.19946	07 04 55.28	+30 14 53.5	18.5	704	1991 VF ₂	1999 01 18.34824	08 10 41.79	+08 27 56.2	17.4	704
1991 TJ ₂	1999 01 19.22174	07 04 53.67	+30 14 56.2	18.8	704	1991 VF ₂	1999 01 18.37144	08 10 40.30	+08 27 59.1	17.6	704
1991 TJ ₂	1999 01 19.26631	07 04 50.37	+30 15 01.2	18.6	704	1991 VF ₂	1999 01 18.39337	08 10 38.91	+08 28 02.8	17.9	704
1991 TJ ₂	1999 01 19.28844	07 04 48.61	+30 15 01.0	20.2	704	1991 VF ₂	1999 01 18.41540	08 10 37.50	+08 28 04.9	17.7	704
1991 TC ₃	1999 01 18.77854	05 12 29.22	+28 29 30.3	18.4 R	113	1991 VF ₂	1999 01 20.31539	08 08 41.16	+08 32 52.0	18.2	704
1991 TC ₃	1999 01 18.81090	05 12 28.30	+28 29 24.9	18.5 R	113	1991 VF ₂	1999 01 20.33745	08 08 39.77	+08 32 55.7		704
1991 TL ₃	1999 01 21.00524	10 17 22.11	+06 17 35.1	18.6 R	113	1991 VF ₂	1999 01 20.35953	08 08 38.26	+08 32 58.3	18.7	704
1991 TL ₃	1999 01 21.04933	10 17 20.64	+06 17 38.9	18.4 R	113	1991 VF ₂	1999 01 20.40485	08 08 35.32	+08 33 07.4	19.6	704
1991 TX ₄	1999 01 17.93449	08 32 35.28	+29 22 35.7	15.4 V	636	1991 VJ ₂	1999 01 18.19590	06 34 40.99	+15 32 40.5	18.3	704
1991 TX ₄	1999 01 18.00660	08 32 29.90	+29 22 44.1	15.8 V	636	1991 VJ ₂	1999 01 18.21803	06 34 39.75	+15 32 43.7	18.0	704
1991 TX ₄	1999 01 18.01157	08 32 29.62	+29 22 44.6	15.5 V	636	1991 VJ ₂	1999 01 18.24016	06 34 38.49	+15 32 47.5	18.0	704
1991 TX ₄	1999 01 18.79437	08 31 34.86	+29 24 07.3	15.5 R	113	1991 VJ ₂	1999 01 18.26276	06 34 37.12	+15 32 48.9	17.9	704
1991 TX ₄	1999 01 18.85385	08 31 30.54	+29 24 14.6	15.5 R	113	1991 VJ ₂	1999 01 18.28484	06 34 35.70	+15 32 53.8	18.4	704
1991 TX ₄	1999 01 19.31938	08 30 57.39	+29 25 04.9	16.3	704	1991 VJ ₂	1999 01 20.18987	06 32 50.68	+15 37 09.7	17.8	704
1991 TX ₄	1999 01 19.34155	08 30 55.71	+29 25 07.0	18.2	704	1991 VJ ₂	1999 01 20.21165	06 32 49.48	+15 37 13.4	17.6	704
1991 TX ₄	1999 01 19.36371	08 30 53.99	+29 25 09.5	16.9	704	1991 VJ ₂	1999 01 20.23363	06 32 48.19	+15 37 18.1	18.5	704
1991 TX ₄	1999 01 19.38575	08 30 52.43	+29 25 11.6		704	1991 VJ					

1991 VD ₅	1999 01	24.04472	09 44 32.73	+15 26 34.5		120	1992 CF ₁	1999 01	08.27751	04 47 25.17	+31 25 33.9	17.3	704
1991 VD ₅	1999 01	25.95814	09 42 41.72	+15 39 24.8	18.3	120	1992 CF ₁	1999 01	08.29186	04 47 24.45	+31 25 32.3	17.3	704
1991 VD ₅	1999 01	25.98090	09 42 40.31	+15 39 34.8		120	1992 CF ₁	1999 01	08.30329	04 47 24.08	+31 25 29.5	17.3	704
1991 VE ₅	1999 01	16.20532	07 10 42.23	+22 24 36.3	17.7	704	1992 CF ₁	1999 01	11.24197	04 45 26.42	+31 15 56.0	18.2	704
1991 VE ₅	1999 01	16.22728	07 10 40.67	+22 24 41.3	18.1	704	1992 CF ₁	1999 01	11.25269	04 45 26.05	+31 15 51.6	18.2	704
1991 VE ₅	1999 01	16.24937	07 10 39.13	+22 24 45.7	18.1	704	1992 CF ₁	1999 01	11.27385	04 45 25.30	+31 15 47.2	18.2	704
1991 VE ₅	1999 01	16.27128	07 10 37.45	+22 24 51.1	18.6	704	1992 CA ₂	1999 01	20.17664	12 23 48.33	-00 13 50.6	19.9	910
1991 VE ₅	1999 01	16.29321	07 10 35.84	+22 24 56.3	19.8	704	1992 CA ₂	1999 01	20.20063	12 23 49.05	-00 13 51.4	19.8	910
1991 VE ₅	1999 01	19.19858	07 07 19.17	+22 34 39.2	18.1	704	1992 CA ₂	1999 01	20.22412	12 23 49.78	-00 13 52.1	19.8	910
1991 VE ₅	1999 01	19.24314	07 07 16.13	+22 34 49.0	18.2	704	1992 CA ₂	1999 01	22.12874	12 24 47.79	-00 14 30.8	19.3	910
1991 VE ₅	1999 01	19.26538	07 07 14.55	+22 34 52.1	18.9	704	1992 CA ₂	1999 01	22.15258	12 24 48.43	-00 14 31.1	19.2	910
1991 VE ₅	1999 01	19.28757	07 07 13.06	+22 34 57.6	18.5	704	1992 CA ₂	1999 01	22.17628	12 24 49.07	-00 14 31.4	19.2	910
1991 VM ₅	1999 01	15.09659	01 46 43.60	+09 01 14.2	17.8	V 691	1992 CG ₃	1999 01	11.13481	02 20 27.82	+06 24 23.4	18.0	704
1991 VM ₅	1999 01	15.11764	01 46 45.00	+09 01 27.0	17.8	V 691	1992 CG ₃	1999 01	11.14541	02 20 28.12	+06 24 28.7	18.0	704
1991 VM ₅	1999 01	15.13864	01 46 46.53	+09 01 39.7	17.8	V 691	1992 CG ₃	1999 01	11.15600	02 20 28.72	+06 24 31.1	18.0	704
1991 VB ₉	1999 01	13.44117	09 58 43.95	+15 07 36.5	19.1	R 699	1992 CG ₃	1999 01	11.16648	02 20 29.33	+06 24 33.0	18.5	704
1991 VB ₉	1999 01	13.46155	09 58 43.31	+15 07 41.6		699	1992 CG ₃	1999 01	11.17698	02 20 29.62	+06 24 37.4	18.5	704
1991 VB ₉	1999 01	13.48125	09 58 42.72	+15 07 46.0		699	1992 CG ₃	1999 01	17.09068	02 25 28.54	+07 01 08.4	17.9	R 699
1991 VB ₉	1999 01	19.43066	09 55 33.85	+15 30 49.9	18.9	704	1992 CG ₃	1999 01	17.10596	02 25 29.37	+07 01 14.7		699
1991 VB ₉	1999 01	19.45255	09 55 33.23	+15 30 55.7	18.4	704	1992 CG ₃	1999 01	17.12124	02 25 30.21	+07 01 20.4		699
1991 VB ₉	1999 01	19.47440	09 55 32.37	+15 31 00.3	18.4	704	1992 DW ₇	1998 12	25.49611	03 38 59.17	+19 31 02.3	19.1	327
1991 VB ₉	1999 01	19.49640	09 55 31.54	+15 31 04.9	18.7	704	1992 DW ₇	1998 12	25.52104	03 38 58.39	+19 31 01.7		327
1991 XK	1999 01	18.30576	07 25 54.96	+14 30 48.8	17.0	704	1992 DJ ₈	1999 01	15.09606	01 45 57.62	+09 28 03.4	20.9	V 691
1991 XK	1999 01	18.32778	07 25 53.43	+14 30 50.3	19.0	704	1992 DJ ₈	1999 01	15.11710	01 45 58.33	+09 28 08.3	20.9	V 691
1991 XK	1999 01	18.35041	07 25 51.87	+14 30 50.7	17.1	704	1992 DJ ₈	1999 01	15.13809	01 45 59.17	+09 28 11.9	20.9	V 691
1991 XK	1999 01	18.37362	07 25 50.23	+14 30 51.9	17.5	704	1992 DX ₈	1999 01	10.09341	03 29 45.13	+19 10 54.3	18.6	V 691
1991 XK	1999 01	18.39556	07 25 48.53	+14 30 54.2	18.5	704	1992 DX ₈	1999 01	10.12624	03 29 45.30	+19 10 58.4	18.7	V 691
1991 XK	1999 01	19.13469	07 25 00.08	+14 31 31.9	16.5	R 757	1992 DX ₈	1999 01	10.15994	03 29 45.49	+19 11 02.4	18.8	V 691
1991 XK	1999 01	19.16286	07 24 58.12	+14 31 33.9	16.5	R 757	1992 DY ₈	1999 01	16.10439	05 11 18.96	+24 50 44.6	19.8	704
1991 XK	1999 01	20.20681	07 23 49.34	+14 32 33.2		704	1992 DY ₈	1999 01	16.12640	05 11 17.95	+24 50 44.8	19.8	704
1991 XK	1999 01	20.22876	07 23 47.85	+14 32 35.7		704	1992 DY ₈	1999 01	16.14915	05 11 16.89	+24 50 43.8	20.0	704
1991 XK	1999 01	20.25062	07 23 46.36	+14 32 36.7		704	1992 DY ₈	1999 01	16.17116	05 11 15.84	+24 50 45.4	20.0	704
1991 XK	1999 01	20.27314	07 23 44.86	+14 32 37.2		704	1992 DE ₁₁	1999 01	22.46369	09 15 05.58	+14 34 49.4	19.6	V 691
1991 XL	1999 01	23.16798	03 27 29.50	+18 31 19.1	18.8	V 691	1992 DE ₁₁	1999 01	22.48474	09 15 04.43	+14 34 55.8	19.8	V 691
1991 XL	1999 01	23.21266	03 27 30.46	+18 31 27.1	18.6	V 691	1992 DE ₁₁	1999 01	22.50733	09 15 03.15	+14 35 02.6	19.7	V 691
1991 XN	1999 01	08.24088	03 49 43.34	+26 44 06.2	17.6	704	1992 EE	1999 01	19.42994	09 45 03.55	+21 26 00.7	18.1	704
1991 XN	1999 01	08.25236	03 49 43.47	+26 44 11.3	17.6	704	1992 EE	1999 01	19.45183	09 45 02.57	+21 26 02.9	18.1	704
1991 XN	1999 01	08.28103	03 49 44.11	+26 44 23.8	18.2	704	1992 EE	1999 01	19.47369	09 45 01.38	+21 26 08.0	17.9	704
1991 XN	1999 01	08.29493	03 49 44.43	+26 44 28.4	18.2	704	1992 EE	1999 01	19.49556	09 45 00.19	+21 26 12.3	17.9	704
1991 XN	1999 01	11.19049	03 51 03.73	+27 04 56.3	17.9	704	1992 EP	1999 01	19.51753	09 44 59.14	+21 26 16.8	17.7	704
1991 XN	1999 01	11.20102	03 51 03.89	+27 05 00.8	17.9	704	1992 EP	1999 01	16.71128	09 09 55.93	+24 27 41.3	17	411
1991 XN	1999 01	11.21153	03 51 04.23	+27 05 07.5	17.9	704	1992 EP	1999 01	16.73030	09 09 54.89	+24 27 48.2		411
1991 XN	1999 01	11.22201	03 51 04.40	+27 05 09.8	18.2	704	1992 EP	1999 01	17.51407	09 09 12.03	+24 32 55.8		411
1991 XN	1999 01	11.23249	03 51 04.72	+27 05 14.7	18.2	704	1992 EP	1999 01	17.52498	09 09 11.34	+24 33 00.7		411
1991 YX	1999 01	14.36421	09 08 20.16	+14 44 51.9	16.9	R 699	1992 EF ₂	1999 01	20.19059	06 29 44.26	+08 36 53.3	18.7	704
1991 YX	1999 01	14.40429	09 08 17.94	+14 45 07.8		699	1992 EF ₂	1999 01	20.21237	06 29 43.35	+08 37 02.5	19.2	704
1991 YX	1999 01	14.42470	09 08 16.84	+14 45 16.5		699	1992 EF ₂	1999 01	20.23434	06 29 41.95	+08 37 07.3	19.0	704
1991 YX	1999 01	15.43717	09 07 23.17	+14 52 20.1	17.0	V 691	1992 EF ₂	1999 01	20.25619	06 29 40.66	+08 37 16.6	18.7	704
1991 YX	1999 01	15.45876	09 07 21.97	+14 52 29.0	17.0	V 691	1992 EH ₄	1998 12	09.86027	07 44 55.41	+19 12 51.1		327
1991 YX	1999 01	15.48030	09 07 20.78	+14 52 37.1	17.0	V 691	1992 EH ₄	1998 12	09.87338	07 44 55.10	+19 12 52.6		327
1991 YX	1999 01	18.27973	09 04 46.35	+15 12 43.4	17.0	V 691	1992 EH ₄	1998 12	09.92622	07 44 53.88	+19 12 57.7	18.0	327
1991 YX	1999 01	18.30122	09 04 45.07	+15 12 53.6	16.9	V 691	1992 EH ₄	1999 01	20.22487	07 08 59.85	+21 37 42.5	16.5	704
1991 YX	1999 01	18.32275	09 04 43.79	+15 13 03.1	16.9	V 691	1992 EH ₄	1999 01	20.24687	07 08 58.53	+21 37 48.0	16.3	704
1991 YN ₁	1999 01	18.31486	07 46 53.15	+18 36 10.4	18.6	704	1992 EH ₄	1999 01	20.26868	07 08 57.12	+21 37 52.3	17.0	704
1991 YN ₁	1999 01	18.33753	07 46 51.40	+18 36 10.7	19.0	704	1992 EH ₄	1999 01	20.29128	07 08 55.68	+21 37 57.1	16.3	704
1991 YN ₁	1999 01	18.36059	07 46 49.76	+18 36 09.5	18.9	704	1992 EA ₆	1999 01	11.13754	02 35 23.73	+06 17 48.9	18.5	704
1991 YN ₁	1999 01	18.38268	07 46 48.20	+18 36 08.0	18.9	704	1992 EA ₆	1999 01	11.14816	02 35 23.98	+06 17 55.4	18.5	704
1991 YN ₁	1999 01	18.40472	07 46 46.45	+18 36 07.0	18.5	704	1992 EA ₆	1999 01	11.15870	02 35 24.48	+06 18 00.5	18.1	704
1992 AM	1999 01	07.18447	03 23 39.41	+01 33 33.1	17.8	704	1992 EA ₆	1999 01	11.16919	02 35 24.90	+06 18 05.1	18.1	704
1992 AM	1999 01	07.19501	03 23 39.66	+01 33 50.7		704	1992 EA ₆	1999 01	11.17967	02 35 25.37	+06 18 13.8	18.7	704
1992 AM	1999 01	07.20544	03 23 39.83	+01 34 08.9	17.6	704	1992 EP ₆	1999 01	19.41101	08 45 33.73	+25 22 12.0	17.8	704
1992 AM	1999 01	07.21585	03 23 40.03	+01 34 24.1	18.0	704	1992 EP ₆	1999 01	19.43287	08 45 32.27	+25 22 21.5	18.2	704
1992 AM	1999 01	07.22615	03 23 40.05	+01 34 42.7	17.8	704	1992 EP ₆	1999 01	19.45476	08 45 30.98	+25 22 29.4	18.9	704
1992 AN	1999 01	10.48689	05 07 21.88	+04 38 32.6	16.2	V 423	1992 EP ₆	1999 01	19.47662	08 45 29.54	+25 22 36.8	17.9	704
1992 AN	1999 01	10.49777	05 07 21.45	+04 38 43.4	16.8	V 423	1992 EP ₆	1999 01	19.49861	08 45 28.12	+25 22 44.7	18.0	704
1992 AN	1999 01	15.44600	05 04 35.26	+06 01 01.2	16.6	V 423	1992 EY ₉	1999 01	14.47617	09 51 32.56	+13 21 21.5	19.5	V 691
1992 AN	1999 01	15.45800	05 04 34.90	+06 01 12.0	16.7	V 423	1992 EY ₉	1999 01	14.49777	09 51 31.72	+13 21 24.3	19.4	V 691
1992 AN	1999 01	17.45289	05 03 42.64	+06 34 07.9	16.9	V 423	1992 EY ₉	1999 01	14.52891	09 51 30.51	+13 21 27.9	19.3	V 691
1992 AN	1999 01	17.47510	05 03 42.02	+06 34 27.2	16.8	V 423	1992 EY ₉	1999 01	18.47984	09 48 50.43	+13 30 53.5	19.0	V

1992 EK ₁₄	1999 01	08.20743	02 33 55.47	+20 19 17.7		699	1992 KD	1999 01	15.51735	09 05 19.18	-30 54 06.7	19.6 R	422
1992 EK ₁₄	1999 01	08.21662	02 33 55.86	+20 19 18.8	18.3	704	1992 KD	1999 01	15.51892	09 05 19.11	-30 54 08.4	19.5 R	422
1992 EK ₁₄	1999 01	08.22846	02 33 56.18	+20 19 18.8	18.7	704	1992 KD	1999 01	15.59154	09 01 14.05	-31 58 42.8	18.8 R	426
1992 EK ₁₄	1999 01	11.13651	02 36 10.12	+20 23 06.6	18.1	704	1992 KD	1999 01	19.59782	09 01 13.70	-31 58 47.5	19.1 R	426
1992 EK ₁₄	1999 01	11.14711	02 36 10.74	+20 23 06.6	18.1	704	1992 KD	1999 01	19.60411	09 01 13.22	-31 58 53.9	18.8 R	426
1992 EK ₁₄	1999 01	11.15768	02 36 11.07	+20 23 10.9	18.1	704	1992 KD	1999 01	19.61009	09 01 12.87	-31 59 00.2	19.1 R	426
1992 EK ₁₄	1999 01	11.16817	02 36 11.70	+20 23 11.0	18.5	704	1992 KD	1999 01	19.61606	09 01 12.40	-31 59 05.4	19.2 R	426
1992 EK ₁₄	1999 01	11.17866	02 36 12.00	+20 23 10.3	18.5	704	1992 KQ	1999 01	05.13024	06 53 40.34	+22 35 34.3		716
1992 EV ₁₅	1999 01	09.95653	08 52 31.22	+14 34 48.7	18.1	120	1992 KQ	1999 01	05.16521	06 53 38.23	+22 35 45.5		716
1992 EV ₁₅	1999 01	09.97751	08 52 30.25	+14 34 53.5		120	1992 KQ	1999 01	06.09528	06 52 42.04	+22 40 27.7		716
1992 EV ₁₅	1999 01	10.02074	08 52 28.27	+14 35 02.6		120	1992 KQ	1999 01	06.11397	06 52 40.80	+22 40 34.9	I	716
1992 EV ₁₅	1999 01	10.38030	08 52 12.73	+14 36 19.7	17.8 R	699	1992 KQ	1999 01	16.19543	06 42 46.72	+23 29 32.5	18.2	704
1992 EV ₁₅	1999 01	10.40583	08 52 11.58	+14 36 24.9		699	1992 KQ	1999 01	16.21739	06 42 45.43	+23 29 38.8	18.1	704
1992 EV ₁₅	1999 01	10.43139	08 52 10.39	+14 36 31.9		699	1992 KQ	1999 01	16.23936	06 42 44.24	+23 29 44.0	18.1	704
1992 EV ₁₅	1999 01	13.97804	08 49 25.94	+14 50 00.6	18.0	120	1992 KQ	1999 01	16.26145	06 42 42.92	+23 29 50.5	18.7	704
1992 EV ₁₅	1999 01	14.01314	08 49 24.26	+14 50 08.3		120	1992 KQ	1999 01	19.19161	06 40 02.01	+23 43 08.0	18.0	704
1992 EV ₁₅	1999 01	14.99587	08 48 35.45	+14 54 11.0	18.2	120	1992 KQ	1999 01	19.21389	06 40 00.70	+23 43 15.2	18.9	704
1992 EV ₁₅	1999 01	15.01400	08 48 34.55	+14 54 15.5		120	1992 KQ	1999 01	19.23615	06 39 59.47	+23 43 20.5	18.3	704
1992 EV ₁₅	1999 01	15.96089	08 47 46.30	+14 58 17.0	18.0	120	1992 KQ	1999 01	19.25840	06 39 58.27	+23 43 26.6	18.9	704
1992 EV ₁₅	1999 01	15.96339	08 47 46.14	+14 58 16.5		120	1992 KQ	1999 01	19.28062	06 39 56.80	+23 43 31.5	19.3	704
1992 EV ₁₅	1999 01	15.98270	08 47 45.06	+14 58 22.8		120	1992 LJ	1999 01	13.18833	08 13 31.09	+16 54 00.3	17.6 V	691
1992 EV ₁₅	1999 01	15.98514	08 47 45.01	+14 58 22.7		120	1992 LJ	1999 01	13.21011	08 13 29.78	+16 54 06.0	17.5 V	691
1992 EV ₁₅	1999 01	18.43194	08 45 35.01	+15 09 15.6	18.1	704	1992 LJ	1999 01	13.23234	08 13 28.46	+16 54 11.5	17.6 V	691
1992 EV ₁₅	1999 01	18.45397	08 45 33.58	+15 09 20.4	17.9	704	1992 LJ	1999 01	20.31379	08 06 21.88	+17 24 56.1	18.1	704
1992 EV ₁₅	1999 01	18.47610	08 45 32.51	+15 09 25.6	18.1	704	1992 LJ	1999 01	20.33586	08 06 20.53	+17 25 02.2	18.4	704
1992 EV ₁₅	1999 01	18.52034	08 45 29.95	+15 09 37.1	18.0	704	1992 LJ	1999 01	20.35793	08 06 19.13	+17 25 07.4	18.7	704
1992 EV ₁₅	1999 01	19.85531	08 44 17.33	+15 15 46.9	17.2	133	1992 LJ	1999 01	20.38129	08 06 17.51	+17 25 13.7	19.0	704
1992 EV ₁₅	1999 01	19.86683	08 44 16.75	+15 15 49.8	16.7	133	1992 LJ	1999 01	20.40326	08 06 16.32	+17 25 18.9	19.0	704
1992 EV ₁₅	1999 01	19.88409	08 44 15.71	+15 15 54.6	16.8	133	1992 LJ	1999 01	21.85259	08 04 47.59	+17 31 46.7	17.4	120
1992 EV ₁₅	1999 01	23.84751	08 40 30.10	+15 35 05.3	18.3	120	1992 LJ	1999 01	21.87763	08 04 45.99	+17 31 52.6		120
1992 EV ₁₅	1999 01	23.86885	08 40 28.81	+15 35 11.7		120	1992 LJ	1999 01	23.81229	08 02 47.27	+17 40 31.0	18.0	120
1992 EN ₁₇	1999 01	14.96224	07 19 56.83	+26 27 56.1	16.7	132	1992 LJ	1999 01	23.82626	08 02 46.38	+17 40 34.7		120
1992 EN ₁₇	1999 01	14.99027	07 19 55.02	+26 27 59.8	16.8	132	1992 OO ₁	1999 01	13.40536	12 19 18.48	+05 48 47.0	16.7 R	757
1992 EN ₁₇	1999 01	15.01826	07 19 53.13	+26 28 06.5	17.3	132	1992 OO ₁	1999 01	13.41611	12 19 18.84	+05 48 49.6	16.6 R	757
1992 EN ₁₇	1999 01	16.20604	07 18 38.76	+26 31 51.1	17.6	704	1992 OY ₇	1999 01	16.09535	05 50 52.76	+23 55 34.8	18.5	704
1992 EN ₁₇	1999 01	16.22801	07 18 37.51	+26 31 53.5	18.5	704	1992 OY ₇	1999 01	16.11736	05 50 51.77	+23 55 30.5	18.6	704
1992 EN ₁₇	1999 01	16.27200	07 18 34.47	+26 32 03.8	18.0	704	1992 OY ₇	1999 01	16.14010	05 50 50.75	+23 55 27.9	18.6	704
1992 EN ₁₇	1999 01	19.22449	07 15 33.58	+26 40 30.9	18.0	704	1992 OY ₇	1999 01	16.16212	05 50 49.84	+23 55 25.7	19.0	704
1992 EN ₁₇	1999 01	19.24662	07 15 32.25	+26 40 34.8		704	1992 OY ₇	1999 01	16.18418	05 50 48.90	+23 55 21.9	19.2	704
1992 EN ₁₇	1999 01	19.26892	07 15 30.83	+26 40 38.8	18.3	704	1992 PH ₂	1999 01	08.16038	02 19 40.63	+20 41 38.2	18.4 R	699
1992 EN ₁₇	1999 01	19.29105	07 15 29.42	+26 40 42.4	18.5	704	1992 PH ₂	1999 01	08.18582	02 19 41.22	+20 41 33.7		699
1992 EJ ₂₄	1999 01	18.21190	07 07 43.47	+16 11 58.8	16.9	704	1992 PH ₂	1999 01	08.21125	02 19 41.86	+20 41 31.0		699
1992 EJ ₂₄	1999 01	18.23401	07 07 42.17	+16 12 08.0	16.0	704	1992 PX ₂	1999 01	18.42918	08 31 21.64	+13 36 11.7	17.1	704
1992 EJ ₂₄	1999 01	18.25674	07 07 40.66	+16 12 19.6	17.8	704	1992 PX ₂	1999 01	18.45121	08 31 20.23	+13 36 10.7	17.6	704
1992 EJ ₂₄	1999 01	18.27880	07 07 39.38	+16 12 30.8	16.8	704	1992 PX ₂	1999 01	18.47334	08 31 18.91	+13 36 11.1	18.3	704
1992 EJ ₂₄	1999 01	20.20248	07 05 47.70	+16 27 22.7	18.9	704	1992 PX ₂	1999 01	18.49556	08 31 17.51	+13 36 09.3	18.2	704
1992 EJ ₂₄	1999 01	20.22428	07 05 46.26	+16 27 34.4	17.4	704	1992 PX ₂	1999 01	18.51758	08 31 15.94	+13 36 06.9	17.6	704
1992 EJ ₂₄	1999 01	20.24628	07 05 45.12	+16 27 45.6	18.3	704	1992 PX ₂	1999 01	20.31917	08 29 24.73	+13 35 14.6		704
1992 EJ ₂₄	1999 01	20.26809	07 05 43.65	+16 27 56.4	18.0	704	1992 PX ₂	1999 01	20.34122	08 29 23.32	+13 35 13.9		704
1992 EJ ₂₄	1999 01	20.29068	07 05 42.43	+16 28 05.9	18.7	704	1992 PX ₂	1999 01	20.36348	08 29 21.88	+13 35 12.6	18.5	704
1992 FV ₁	1999 01	19.82741	02 38 52.19	+18 14 12.9	18.1 V	910	1992 PX ₂	1999 01	20.40862	08 29 18.95	+13 35 11.1	18.4	704
1992 FV ₁	1999 01	19.85053	02 38 52.66	+18 14 16.4	18.0 V	910	1992 QA	1999 01	14.08397	05 22 55.50	+59 44 05.5	18.7	704
1992 FV ₁	1999 01	19.87306	02 38 53.12	+18 14 19.7	17.9 V	910	1992 QA	1999 01	14.10700	05 22 52.59	+59 44 05.6	19.5	704
1992 FW ₁	1999 01	22.58859	08 37 45.77	-24 46 36.0	16.5 R	426	1992 QA	1999 01	14.12998	05 22 49.50	+59 44 08.4	19.3	704
1992 FW ₁	1999 01	22.59562	08 37 45.46	-24 46 33.2	16.3 R	426	1992 QA	1999 01	14.17642	05 22 43.54	+59 44 16.4	18.4	704
1992 FW ₁	1999 01	22.60271	08 37 45.14	-24 46 29.9	16.6 R	426	1992 RZ	1999 01	19.20266	07 17 54.73	+21 56 44.3	17.8	704
1992 FW ₁	1999 01	23.51126	08 37 07.02	-24 39 27.8	16.6 R	426	1992 RZ	1999 01	19.22508	07 17 53.40	+21 56 47.2		704
1992 FW ₁	1999 01	23.52294	08 37 06.48	-24 39 22.1	16.5 R	426	1992 RZ	1999 01	19.24721	07 17 52.21	+21 56 48.9	17.8	704
1992 FW ₁	1999 01	23.53497	08 37 05.94	-24 39 16.7	16.6 R	426	1992 RZ	1999 01	19.26950	07 17 50.93	+21 56 50.7	17.9	704
1992 FW ₁	1999 01	23.54655	08 37 05.42	-24 39 11.1	16.7 R	426	1992 RZ	1999 01	19.29164	07 17 49.57	+21 56 52.5	18.3	704
1992 GA ₁	1999 01	23.42319	09 48 19.02	-21 56 02.9	17.4	704	1992 RZ	1999 01	20.82141	07 16 26.83	+21 58 57.6	15.8 V	596
1992 GA ₁	1999 01	23.44495	09 48 18.16	-21 56 03.4	17.8	704	1992 RZ	1999 01	20.83515	07 16 26.10	+21 58 58.6		596
1992 GA ₁	1999 01	23.46674	09 48 17.34	-21 56 04.1	18.1	704	1992 RZ	1999 01	20.84987	07 16 25.29	+21 58 59.9		596
1992 GA ₁	1999 01	23.48852	09 48 16.60	-21 56 05.9	18.7	704	1992 RZ	1999 01	22.60913	07 14 51.71	+22 01 24.7	16.1 R	426
1992 GD ₃	1999 01	18.10320	06 11 24.22	+11 55 26.6	17.9	704	1992 RZ	1999 01	22.62221	07 14 51.00	+22 01 25.8	16.3 R	426
1992 GD ₃	1999 01	18.12517	06 11 23.01	+11 55 26.7	17.8	704	1992 RZ	1999 01	22.63490	07 14 50.28	+22 01 26.8	16.8 V	426
1992 GD ₃	1999 01	18.14725	06 11 22.10	+11 55 31.3	17.8	704	1992 RZ	1999 01	23.56404	07 14 02.08	+22 02 37.0	16.3 R	426
1992 GD ₃	1999 01	18.16948	06 11 20.98	+11 55 31.4	17.7	704	1992 RZ	1999 01	23.57955	07 14 01.26	+22 02 38.2	16.3 R	426
1992 GD ₃	1999 01	18.19142	06 11 19.96	+11 55 35.9	18.4	704	1992 RZ	1999 01	23.59509	07 14 00.43			

1992 SK	1999 01	13.51646	11 55 14.86	+44 37 02.6	704	1992 WK ₁	1999 01	16.27346	07 13 23.36	+37 39 34.6	704		
1992 SK	1999 01	13.52706	11 55 16.02	+44 37 12.5	17.8	704	1992 WK ₁	1999 01	16.29540	07 13 22.10	+37 39 41.3	19.0	704
1992 SK	1999 01	13.53756	11 55 17.13	+44 37 22.8	18.0	704	1992 WK ₁	1999 01	19.20491	07 10 26.72	+37 54 01.2	704	
1992 SK	1999 01	13.54796	11 55 18.22	+44 37 32.0	18.3	704	1992 WK ₁	1999 01	19.22727	07 10 25.42	+37 54 08.3	704	
1992 SK	1999 01	25.49397	12 16 09.20	+48 04 17.9	711	1992 WK ₁	1999 01	19.24952	07 10 24.01	+37 54 14.1	18.5	704	
1992 SK	1999 01	25.49944	12 16 09.66	+48 04 24.3	711	1992 WK ₁	1999 01	19.27169	07 10 23.00	+37 54 20.1	18.5	704	
1992 SK	1999 01	26.80486	12 18 13.39	+48 30 21.0	17.2 V	360	1992 WK ₁	1999 01	20.97927	07 08 42.89	+38 01 50.5	127	
1992 SK	1999 01	26.80747	12 18 13.59	+48 30 24.1	360	1992 WK ₁	1999 01	20.98429	07 08 42.59	+38 01 51.6	127		
1992 SK	1999 01	26.80990	12 18 13.79	+48 30 27.1	360	1992 WH ₂	1999 01	13.65295	08 29 31.24	+02 01 18.6	15.8 R	426	
1992 ST ₁	1999 01	15.66892	08 30 16.13	+21 34 07.8	17.4 V	385	1992 WH ₂	1999 01	13.66749	08 29 30.50	+02 01 17.9	15.9 R	426
1992 ST ₁	1999 01	15.68353	08 30 15.21	+21 34 08.9	385	1992 WH ₂	1999 01	13.68216	08 29 29.78	+02 01 17.0	15.8 R	426	
1992 ST ₁	1999 01	16.52242	08 29 28.96	+21 35 38.1	17.4 V	385	1992 WH ₂	1999 01	14.61098	08 28 44.68	+02 00 37.1	15.9 R	426
1992 ST ₁	1999 01	16.53407	08 29 28.25	+21 35 39.6	385	1992 WH ₂	1999 01	14.62435	08 28 44.00	+02 00 36.5	15.9 R	426	
1992 ST ₁	1999 01	19.31311	08 26 52.13	+21 40 30.5	17.5	704	1992 WH ₂	1999 01	14.63857	08 28 43.29	+02 00 36.1	15.8 R	426
1992 ST ₁	1999 01	19.33530	08 26 50.85	+21 40 33.5	17.5	704	1992 WA ₄	1999 01	14.14267	05 28 27.01	+26 18 16.5	V	663
1992 ST ₁	1999 01	19.37951	08 26 48.34	+21 40 39.7	17.0	704	1992 WA ₄	1999 01	15.14791	05 27 51.84	+26 18 57.3	V	663
1992 ST ₁	1999 01	19.40154	08 26 47.01	+21 40 42.1	17.5	704	1992 WA ₄	1999 01	15.18240	05 27 50.62	+26 18 58.1	F	663
1992 SJ ₂	1999 01	06.87210	04 24 19.26	+06 16 56.0	16.6 R	113	1992 WA ₄	1999 01	16.08703	05 27 20.33	+26 19 31.2	18.2	704
1992 SJ ₂	1999 01	06.91536	04 24 18.15	+06 17 02.4	16.5 R	113	1992 WA ₄	1999 01	16.10905	05 27 19.44	+26 19 31.8	18.4	704
1992 SJ ₂	1999 01	17.75632	04 21 17.45	+06 54 42.2	17.3 R	113	1992 WA ₄	1999 01	16.13106	05 27 18.83	+26 19 33.7	18.4	704
1992 SJ ₂	1999 01	17.85916	04 21 16.47	+06 55 06.9	17.3 R	113	1992 WA ₄	1999 01	19.07773	05 25 48.23	+26 21 19.0	18.8	704
1992 SQ ₂₄	1999 01	17.74103	03 37 21.73	+09 46 40.2	16.9 R	113	1992 WA ₄	1999 01	19.09968	05 25 47.72	+26 21 19.8	18.8	704
1992 SY ₂₄	1999 01	17.78843	03 37 21.99	+09 46 45.4	17.0 R	113	1992 WA ₄	1999 01	19.12171	05 25 46.92	+26 21 20.8	19.1	704
1992 SY ₂₄	1998 12	09.72050	05 57 33.20	+38 43 57.3	17.5	327	1992 WA ₄	1999 01	19.14365	05 25 46.23	+26 21 20.3	19.0	704
1992 SY ₂₄	1998 12	09.72413	05 57 32.97	+38 43 57.2	327	1992 WA ₄	1999 01	19.76352	05 25 28.95	+26 21 41.3	17.8 V	104	
1992 SY ₂₄	1998 12	09.72778	05 57 32.72	+38 43 57.5	327	1992 WA ₄	1999 01	19.77347	05 25 28.69	+26 21 41.8	104	104	
1992 SY ₂₄	1999 01	16.07945	05 21 38.66	+37 24 37.7	18.0	704	1992 WA ₄	1999 01	19.79502	05 25 28.05	+26 21 42.9	104	104
1992 SY ₂₄	1999 01	16.10148	05 21 37.90	+37 24 32.5	18.3	704	1992 WA ₄	1999 01	19.80378	05 25 27.78	+26 21 43.5	104	104
1992 SY ₂₄	1999 01	16.12349	05 21 37.09	+37 24 28.8	18.7	704	1992 WA ₄	1999 01	20.72380	05 25 03.39	+26 22 12.7	104	104
1992 SY ₂₄	1999 01	16.14624	05 21 36.37	+37 24 19.9	18.8	704	1992 WA ₄	1999 01	20.73090	05 25 03.18	+26 22 13.3	104	104
1992 SY ₂₄	1999 01	16.16825	05 21 35.05	+37 24 17.7	19.4	704	1992 WA ₄	1999 01	20.73785	05 25 03.00	+26 22 13.8	104	104
1992 SY ₂₄	1999 01	19.07906	05 19 56.53	+37 11 27.7	18.6	704	1992 WB ₉	1999 01	19.41158	08 50 11.08	+19 35 55.9	18.6	704
1992 SY ₂₄	1999 01	19.10101	05 19 55.78	+37 11 23.2	19.0	704	1992 WB ₉	1999 01	19.43344	08 50 09.81	+19 35 57.9	18.7	704
1992 SY ₂₄	1999 01	19.12303	05 19 55.22	+37 11 18.7	18.5	704	1992 WB ₉	1999 01	19.45533	08 50 08.76	+19 36 02.3	19.0	704
1992 SY ₂₄	1999 01	19.14497	05 19 54.61	+37 11 10.2	18.5	704	1992 WB ₉	1999 01	19.47719	08 50 07.61	+19 36 06.1	18.3	704
1992 SR ₂₅	1999 01	16.19835	06 47 19.84	+37 12 07.5	17.6	704	1992 WB ₉	1999 01	19.49918	08 50 06.32	+19 36 11.5	18.4	704
1992 SR ₂₅	1999 01	16.22032	06 47 18.55	+37 12 04.7	18.4	704	1992 WV ₉	1992 11	18.41545	04 21 06.51	+13 00 20.2	17.2 V	691
1992 SR ₂₅	1999 01	16.24229	06 47 17.17	+37 12 01.5	704	1992 WV ₉	1992 11	18.44118	04 21 05.17	+13 00 17.8	691	691	
1992 SR ₂₅	1999 01	16.26434	06 47 15.85	+37 11 59.0	704	1992 YC ₁	1992 11	18.46723	04 21 03.79	+13 00 14.3	691	691	
1992 SR ₂₅	1999 01	19.18854	06 44 27.79	+37 05 23.7	18.2	704	1992 YC ₁	1999 01	19.42098	09 33 51.74	+17 31 01.8	17.6	704
1992 SR ₂₅	1999 01	19.21083	06 44 26.61	+37 05 20.1	18.2	704	1992 YC ₁	1999 01	19.44288	09 33 50.82	+17 31 08.1	17.4	704
1992 SR ₂₅	1999 01	19.23309	06 44 25.42	+37 05 16.6	19.0	704	1992 YC ₁	1999 01	19.46474	09 33 49.98	+17 31 12.4	17.3	704
1992 SR ₂₅	1999 01	19.25534	06 44 23.98	+37 05 13.0	18.7	704	1992 YC ₁	1999 01	19.48660	09 33 49.10	+17 31 17.6	17.3	704
1992 SR ₂₅	1999 01	19.27750	06 44 22.85	+37 05 11.8	18.7	704	1992 YC ₁	1999 01	19.50858	09 33 48.16	+17 31 22.4	17.6	704
1992 TV	1998 12	16.77686	08 48 37.51	+15 19 39.8	327	1992 YH ₂	1999 01	19.31924	08 31 17.38	+28 01 54.1	17.8	704	
1992 TV	1998 12	16.80573	08 48 36.96	+15 19 41.1	18.1	327	1992 YH ₂	1999 01	19.36356	08 31 15.16	+28 02 07.2	18.3	704
1992 TV	1998 12	16.82917	08 48 36.48	+15 19 42.1	327	1992 YH ₂	1999 01	19.38561	08 31 13.82	+28 02 16.0	17.0	704	
1992 TV	1999 01	10.37648	08 34 17.62	+16 04 17.2	17.7 R	699	1992 YH ₂	1999 01	19.40763	08 31 12.77	+28 02 25.3	18.0	704
1992 TV	1999 01	10.40201	08 34 16.39	+16 04 22.9	699	1993 BS ₁	1999 01	20.07142	10 45 19.69	+09 00 20.5	19.7 V	910	
1992 TV	1999 01	10.42756	08 34 15.06	+16 04 20.3	699	1993 BS ₁	1999 01	20.10602	10 45 18.87	+09 00 25.3	20.0 V	910	
1992 TV	1999 01	11.92613	08 33 01.66	+16 08 40.5	120	1993 BS ₁	1999 01	20.14031	10 45 18.08	+09 00 30.2	19.4 V	910	
1992 TV	1999 01	13.92707	08 31 20.91	+16 14 32.6	17.8	120	1993 BS ₁	1999 01	23.10436	10 44 06.37	+09 08 07.3	19.6 V	910
1992 TV	1999 01	13.95868	08 31 19.23	+16 14 37.8	120	1993 BS ₁	1999 01	23.12994	10 44 05.69	+09 08 11.5	19.5 V	910	
1992 TV	1999 01	15.94587	08 29 36.83	+16 20 38.1	18.0	120	1993 BS ₁	1999 01	23.15422	10 44 05.04	+09 08 15.6	19.5 V	910
1992 TV	1999 01	17.23410	08 28 29.45	+16 24 36.8	17.8 V	691	1993 BS ₁	1999 01	26.06494	10 42 45.75	+09 16 34.8	18.7 V	910
1992 TV	1999 01	17.25577	08 28 28.28	+16 24 40.8	17.8 V	691	1993 BS ₁	1999 01	26.08777	10 42 45.06	+09 16 39.0	19.0 V	910
1992 TV	1999 01	17.27730	08 28 27.11	+16 24 44.7	17.7 V	691	1993 BS ₁	1999 01	26.11113	10 42 44.36	+09 16 43.0	19.2 V	910
1992 TV	1999 01	18.42889	08 27 26.00	+16 28 19.9	18.1	704	1993 BC ₅	1999 01	15.45126	10 49 57.16	+07 19 53.6	699	699
1992 TV	1999 01	18.45092	08 27 24.77	+16 28 24.5	17.9	704	1993 BC ₅	1999 01	15.47675	10 49 56.77	+07 19 55.9	699	699
1992 TV	1999 01	18.47305	08 27 23.71	+16 28 29.0	17.9	704	1993 DN	1999 01	08.15912	02 42 25.50	+20 47 45.9	18.4 R	699
1992 TV	1999 01	18.49527	08 27 22.51	+16 28 33.0	18.1	704	1993 DN	1999 01	08.18455	02 42 26.10	+20 47 42.5	699	699
1992 TV	1999 01	18.51730	08 27 21.25	+16 28 36.9	18.2	704	1993 DN	1999 01	08.20998	02 42 26.71	+20 47 39.7	699	699
1992 TV	1999 01	20.31888	08 25 45.35	+16 34 19.5	704	1993 DQ	1999 01	19.19685	07 01 20.69	+24 33 05.4	17.7	704	
1992 TV	1999 01	20.34093	08 25 44.15	+16 34 23.3	18.0	704	1993 DQ	1999 01	19.21913	07 01 19.09	+24 33 10.0	18.5	704
1992 TV	1999 01	20.36319	08 25 42.83	+16 34 28.4	18.4	704	1993 DQ	1999 01	19.24141	07 01 17.53	+24 33 11.9	18.6	704
1992 TV	1999 01	20.40834	08 25 40.33	+16 34 37.9	18.9	704	1993 DQ	1999 01	19.26364	07 01 15.86	+24 33 15.1	17.8	704
1992 TW	1999 01	18.20377	06 42 44.88	+07 24 48.4	18.2	704	1993 DD ₁	1999 01	16.08164	05 17 29.90	+31 04 52.0	18.0	704
1992 TW	1999 01	18.22587	06 42 43.94	+07 24 53.0	18.2	704	1993 DD ₁	1999 01	16.10366	05 17 29.00	+31 04 49.0	18.2	704
1992 TW	1999 01	18.24863	06 42 42.84	+07 24 57.7	18.3	704	1993 DD ₁	1999 01	16.12567	05 17 28.24	+31 04 44.8	18.4	704
1992 TW	1999 01	18.27056	06 42 41.73	+07 25 0									

1993 FB ₁₈	1999 01	14.83709	06 35 26.24	+24 14 56.0	104	1993 GA ₁	1999 01	08.16038	02 19 26.33	+22 48 43.8	18.7 R	699	
1993 FB ₁₈	1999 01	14.84201	06 35 25.94	+24 14 56.7	104	1993 GA ₁	1999 01	08.17957	02 19 26.93	+22 48 45.9	18.7	699	
1993 FB ₁₈	1999 01	14.84983	06 35 25.43	+24 14 57.8	104	1993 GA ₁	1999 01	08.18582	02 19 27.47	+22 48 46.8		704	
1993 FB ₁₈	1999 01	15.73725	06 34 29.16	+24 17 00.1	17.8 V	104	1993 GA ₁	1999 01	08.21125	02 19 28.56	+22 48 50.1		699
1993 FB ₁₈	1999 01	15.74236	06 34 28.87	+24 17 01.0	104	1993 GC ₁	1999 01	16.20634	07 13 08.90	+28 01 36.2	18.2	704	
1993 FB ₁₈	1999 01	15.74758	06 34 28.56	+24 17 01.8	104	1993 GC ₁	1999 01	16.22830	07 13 07.32	+28 01 39.9		704	
1993 FB ₁₈	1999 01	15.75035	06 34 28.39	+24 17 02.3	104	1993 GC ₁	1999 01	16.25039	07 13 05.71	+28 01 44.1	18.7	704	
1993 FB ₁₈	1999 01	16.19528	06 34 00.48	+24 18 05.2	18.8	1993 GC ₁	1999 01	16.27229	07 13 04.15	+28 01 47.5	18.8	704	
1993 FB ₁₈	1999 01	16.21724	06 33 58.83	+24 18 05.6	19.3	1993 GC ₁	1999 01	16.29423	07 13 02.42	+28 01 49.7	19.6	704	
1993 FB ₁₈	1999 01	16.23921	06 33 57.55	+24 18 10.4	18.4	1993 GC ₁	1999 01	19.20178	07 09 43.85	+28 09 43.5	18.0	704	
1993 FB ₁₈	1999 01	16.26130	06 33 56.20	+24 18 15.1	19.1	1993 GC ₁	1999 01	19.22420	07 09 42.24	+28 09 47.7	18.6	704	
1993 FB ₁₈	1999 01	05.14723	04 07 36.06	+21 57 29.9	18.3 R	699	1993 GC ₁	1999 01	19.24634	07 09 40.76	+28 09 51.2	18.3	704
1993 FZ ₁₈	1999 01	05.16760	04 07 35.40	+21 57 30.5	699	1993 GC ₁	1999 01	19.26863	07 09 39.18	+28 09 54.8	18.2	704	
1993 FZ ₁₈	1999 01	05.18926	04 07 34.70	+21 57 31.0	699	1993 GC ₁	1999 01	19.29076	07 09 37.57	+28 09 59.0	18.5	704	
1993 FD ₂₀	1999 01	16.09929	06 13 06.11	+31 41 39.0	18.0	1993 GN ₁	1999 01	18.10422	06 17 09.43	+20 07 02.7	18.1	704	
1993 FD ₂₀	1999 01	16.12130	06 13 04.97	+31 41 43.6	18.0	1993 GN ₁	1999 01	18.12619	06 17 08.11	+20 07 03.0	19.1	704	
1993 FD ₂₀	1999 01	16.14404	06 13 03.74	+31 41 45.4	18.2	1993 GN ₁	1999 01	18.14828	06 17 06.70	+20 06 59.9	18.4	704	
1993 FD ₂₀	1999 01	16.16606	06 13 02.32	+31 41 46.8	18.3	1993 GN ₁	1999 01	18.17050	06 17 05.37	+20 06 59.1	18.3	704	
1993 FD ₂₀	1999 01	16.18812	06 13 00.98	+31 41 48.0	18.3	1993 GN ₁	1999 01	18.19245	06 17 04.08	+20 06 59.3	18.4	704	
1993 FE ₂₃	1999 01	09.36683	07 40 48.61	+35 50 37.4	17.1 R	699	1993 GN ₁	1999 01	20.09606	06 15 19.03	+20 04 52.0	18.1	704
1993 FE ₂₃	1999 01	09.38726	07 40 46.90	+35 50 39.6	699	1993 GN ₁	1999 01	20.11795	06 15 17.98	+20 04 52.1	19.1	704	
1993 FE ₂₃	1999 01	09.40770	07 40 45.19	+35 50 41.1	699	1993 GN ₁	1999 01	20.13977	06 15 16.68	+20 04 49.3	18.5	704	
1993 FE ₂₃	1999 01	12.20965	07 36 56.43	+35 54 04.5	16.6 R	758	1993 GN ₁	1999 01	20.16213	06 15 15.42	+20 04 47.4	18.3	704
1993 FE ₂₃	1999 01	12.22235	07 36 55.30	+35 54 05.3	17.3 R	758	1993 GN ₁	1999 01	20.18404	06 15 14.12	+20 04 47.4	18.9	704
1993 FR ₂₃	1999 01	21.77986	04 45 41.32	+32 47 03.5	18.2 V	610	1993 HS ₁	1999 01	19.43037	09 49 26.22	+17 37 42.5	17.3	704
1993 FR ₂₃	1999 01	21.79236	04 45 41.37	+32 46 59.8	610	1993 HS ₁	1999 01	19.45226	09 49 25.10	+17 37 48.5	17.9	704	
1993 FR ₂₃	1999 01	21.80529	04 45 41.42	+32 46 55.9	610	1993 HS ₁	1999 01	19.47412	09 49 24.04	+17 37 54.5	17.9	704	
1993 FR ₂₃	1999 01	21.81753	04 45 41.47	+32 46 52.3	610	1993 HS ₁	1999 01	19.49611	09 49 22.89	+17 38 01.6	18.0	704	
1993 FR ₂₃	1999 01	21.83003	04 45 41.52	+32 46 48.5	610	1993 HS ₁	1999 01	19.51796	09 49 21.84	+17 38 07.4	18.0	704	
1993 FB ₂₄	1999 01	14.45436	10 32 09.38	+13 27 22.1	19.2 R	699	1993 HW	1998 11	24.25783	04 17 32.76	+19 51 44.8	18.6	704
1993 FB ₂₄	1999 01	14.46964	10 32 08.87	+13 27 24.3	699	1993 HW	1998 11	24.30609	04 17 29.28	+19 51 38.2	19.6	704	
1993 FB ₂₄	1999 01	14.48494	10 32 08.37	+13 27 27.9	699	1993 HW	1998 11	24.35389	04 17 26.04	+19 51 34.2	18.7	704	
1993 FW ₂₄	1999 01	19.43402	08 58 47.08	+16 27 04.3	18.6	1993 HW	1999 01	05.15870	03 42 31.89	+18 56 05.7	18.7 R	699	
1993 FW ₂₄	1999 01	19.45592	08 58 45.74	+16 27 10.5	19.2	1993 HW	1999 01	05.18034	03 42 31.40	+18 56 05.0	699		
1993 FW ₂₄	1999 01	19.47777	08 58 43.99	+16 27 13.7	18.5	1993 HS ₁	1999 01	05.20073	03 42 30.98	+18 56 05.4	699		
1993 FW ₂₄	1999 01	19.49976	08 58 42.73	+16 27 18.3	18.6	1993 HS ₁	1999 01	16.08893	05 49 11.41	+35 49 29.4	18.3	704	
1993 FF ₂₆	1999 01	16.11839	06 08 57.57	+30 24 47.6	18.1	1993 HS ₁	1999 01	16.11095	05 49 10.07	+35 49 27.3	18.3	704	
1993 FF ₂₆	1999 01	16.14112	06 08 56.51	+30 24 39.9	19.1	1993 HS ₁	1999 01	16.13296	05 49 08.79	+35 49 24.9	18.3	704	
1993 FF ₂₆	1999 01	16.16314	06 08 55.26	+30 24 39.0	19.4	1993 HS ₁	1999 01	16.15571	05 49 07.29	+35 49 23.2	18.0	704	
1993 FF ₂₆	1999 01	23.23189	06 03 52.81	+29 58 47.3	18.7	1993 HS ₁	1999 01	16.17776	05 49 05.95	+35 49 21.1	18.0	704	
1993 FJ ₂₉	1999 01	13.50576	09 47 36.64	+12 49 32.5	18.5 V	691	1993 HS ₁	1999 01	19.10582	05 46 21.58	+35 43 32.0	19.1	704
1993 FJ ₂₉	1999 01	13.52396	09 47 35.74	+12 49 34.3	18.8 V	691	1993 HS ₁	1999 01	19.12786	05 46 20.42	+35 43 28.4	18.2	704
1993 FT ₃₁	1999 01	18.31457	07 38 31.09	+16 10 02.7	17.6	1993 HS ₁	1999 01	19.14978	05 46 19.14	+35 43 26.2	18.2	704	
1993 FT ₃₁	1999 01	18.33723	07 38 29.47	+16 10 10.7	18.5	1993 HS ₁	1999 01	19.17176	05 46 17.68	+35 43 24.6	18.1	704	
1993 FT ₃₁	1999 01	18.36029	07 38 27.89	+16 10 17.4	18.2	1993 HL ₆	1999 01	18.08487	05 21 52.01	+12 29 26.5	17.7	704	
1993 FT ₃₁	1999 01	18.38239	07 38 26.49	+16 10 22.0	19.2	1993 HL ₆	1999 01	18.10685	05 21 51.01	+12 29 29.2	18.2	704	
1993 FO ₄₀	1999 01	13.44373	09 46 29.82	+16 45 40.6	17.8 R	699	1993 HL ₆	1999 01	18.12882	05 21 50.25	+12 29 29.3	18.3	704
1993 FO ₄₀	1999 01	13.46411	09 46 28.92	+16 45 45.8	699	1993 HL ₆	1999 01	18.15090	05 21 49.33	+12 29 30.4	18.3	704	
1993 FO ₄₀	1999 01	13.48449	09 46 28.02	+16 45 52.9	699	1993 HL ₆	1999 01	18.17311	05 21 48.55	+12 29 31.7	18.5	704	
1993 FO ₄₀	1999 01	19.44837	09 41 49.12	+17 16 21.4	18.7	1993 KO	1999 01	18.32066	08 00 52.94	+10 22 16.3	16.9	704	
1993 FO ₄₀	1999 01	19.47023	09 41 47.92	+17 16 30.2	18.3	1993 KO	1999 01	18.34332	08 00 51.42	+10 22 20.8	16.8	704	
1993 FO ₄₀	1999 01	19.49210	09 41 46.83	+17 16 35.5	18.3	1993 KO	1999 01	18.36640	08 00 49.84	+10 22 25.7		704	
1993 FZ ₄₀	1999 01	15.07130	05 55 10.72	+28 39 45.1	18.1	1993 KO	1999 01	18.38845	08 00 48.35	+10 22 30.6	16.9	704	
1993 FZ ₄₀	1999 01	15.07689	05 55 10.47	+28 39 46.2	18.4	I	1993 KO	1999 01	18.41051	08 00 46.76	+10 22 35.4	17.8	704
1993 FZ ₄₀	1999 01	15.09337	05 55 09.53	+28 39 44.3	18.2	1993 KO	1999 01	20.31029	07 58 41.46	+10 29 12.2	17.6	704	
1993 FZ ₄₀	1999 01	16.09112	05 54 18.80	+28 39 07.6	19.1	1993 KO	1999 01	20.33239	07 58 39.94	+10 29 17.0		704	
1993 FZ ₄₀	1999 01	16.11314	05 54 17.60	+28 39 07.9	18.0	1993 KO	1999 01	20.39980	07 58 35.36	+10 29 31.1	18.9	704	
1993 FZ ₄₀	1999 01	16.13434	05 54 16.36	+28 39 10.2	18.6	1993 KQ	1999 01	11.24266	04 39 48.17	+18 59 38.2	18.0	704	
1993 FZ ₄₀	1999 01	16.13588	05 54 16.36	+28 39 08.3	18.0	1993 KQ	1999 01	11.25338	04 39 47.79	+18 59 41.0	18.0	704	
1993 FZ ₄₀	1999 01	16.13966	05 54 16.03	+28 39 10.0	19.1	1993 KQ	1999 01	11.26395	04 39 47.22	+18 59 42.9	18.0	704	
1993 FZ ₄₀	1999 01	16.14531	05 54 15.77	+28 39 10.0	18.7	1993 KQ	1999 01	11.27457	04 39 46.89	+18 59 43.0	18.0	704	
1993 FZ ₄₀	1999 01	16.15790	05 54 15.20	+28 39 07.4	18.6	1993 KR	1999 01	19.10665	01 29 40.17	+10 28 03.0	18.8 V	691	
1993 FZ ₄₀	1999 01	16.17995	05 54 14.02	+28 39 06.6	18.6	1993 KR	1999 01	19.12790	01 29 41.31	+10 28 02.4	19.0 V	691	
1993 FL ₄₁	1999 01	06.75161	03 39 08.42	+13 41 45.9	557	1993 KR	1999 01	19.14970	01 29 42.46	+10 28 01.9	18.8 V	691	
1993 FL ₄₁	1999 01	06.75390	03 39 08.49	+13 41 45.7	557	1993 KR	1999 01	22.09198	01 32 26.43	+10 27 33.0	18.8 V	691	
1993 FL ₄₁	1999 01	06.82725	03 39 07.76	+13 41 55.8	19.6 V	557	1993 KR	1999 01	22.09761	01 32 26.74	+10 27 33.1	19.0 V	691
1993 FC ₄₈	1999 01	08.39757	08 40 56.65	+17 32 00.6	18.5 V	691	1993 KX ₁	1999 01	16.21652	06 31 39.48	+30 08 01.3	18.4	704
1993 FC ₄₈	1999 01	08.41948	08 40 55.40	+17 32 05.1	18.6 V	691	1993 KX ₁	1999 01	16.23849	06 31 37.86	+30 08 09.7	18.0	704
1993 FC ₄₈	1999 01	08.44160	08 40 54.14	+17 32 09.8	18.6 V	691	1993 KX ₁	1999 01	16.26057	06 31 36.40	+30 08 19.7	18.5	704
1993 FC ₄₈	1999 01	13.93432	08 35 30.01	+17 53 19.1	18.4	120	1993 LS ₁	1999 01	08.08414	00 53 10.71	+20 56 03.9		

1993 OP ₃	1999 01	08.18455	02 41	10.15	+21 05	14.3	699	1993 RP ₃	1998 12	15.13845	06 05	13.94	+21 33	29.9	15.5	750
1993 OP ₃	1999 01	08.20998	02 41	10.74	+21 05	13.8	699	1993 RP ₃	1998 12	15.14307	06 05	13.63	+21 33	27.8	15.6	750
1993 OP ₃	1999 01	15.15869	02 45	05.84	+21 03	17.8	18.3 R	1993 RP ₃	1999 01	05.84956	05 44	28.54	+18 23	01.8		145
1993 OP ₃	1999 01	15.17395	02 45	06.43	+21 03	18.3	699	1993 RP ₃	1999 01	05.85688	05 44	28.18	+18 22	58.7		145
1993 OP ₃	1999 01	15.18920	02 45	06.97	+21 03	18.1	699	1993 RP ₃	1999 01	05.86823	05 44	27.61	+18 22	52.7	15.6	145
1993 OH ₄	1999 01	22.91941	09 37	16.40	+16 09	07.1	18.8	1993 RP ₃	1999 01	05.87443	05 44	27.32	+18 22	50.3		145
1993 OH ₄	1999 01	22.98395	09 37	13.04	+16 09	27.0	120	1993 RP ₃	1999 01	18.08820	05 37	22.06	+16 59	37.5	17.9	704
1993 OH ₄	1999 01	23.00877	09 37	11.58	+16 09	34.1	120	1993 RP ₃	1999 01	18.11020	05 37	21.74	+16 59	29.1	17.9	704
1993 OH ₄	1999 01	24.93955	09 35	28.74	+16 19	11.3	18.6	1993 RP ₃	1999 01	18.13218	05 37	21.19	+16 59	20.3	18.2	704
1993 OH ₄	1999 01	24.96396	09 35	27.42	+16 19	18.8	120	1993 RP ₃	1999 01	18.15445	05 37	20.57	+16 59	14.3	18.0	704
1993 OL ₅	1999 01	23.02822	10 17	44.61	+11 13	45.2	19.9	1993 RP ₃	1999 01	18.17645	05 37	20.09	+16 59	07.0	18.0	704
1993 OL ₅	1999 01	23.03159	10 17	44.42	+11 13	45.7	561	1993 RP ₃	1999 01	19.24394	05 36	57.19	+16 52	58.1	18.2	750
1993 OL ₅	1999 01	23.03463	10 17	44.34	+11 13	46.3	561	1993 RP ₃	1999 01	19.27790	05 36	56.50	+16 52	46.2	18.3	750
1993 OV ₅	1999 01	26.07159	10 52	19.59	+09 46	37.9	18.9 V	1993 RQ ₄	1999 01	11.08074	05 55	34.04	+20 01	27.0	17.1 R	747
1993 OV ₅	1999 01	26.09442	10 52	19.05	+09 46	44.8	19.0 V	1993 RQ ₄	1999 01	11.10085	05 55	33.06	+20 01	26.8	16.9 R	747
1993 OV ₅	1999 01	26.11778	10 52	18.49	+09 46	51.9	19.1 V	1993 RQ ₄	1999 01	11.11211	05 55	32.50	+20 01	27.2		747
1993 OY ₆	1999 01	14.32871	08 28	47.95	+18 56	46.9	18.3 V	1993 RQ ₄	1999 01	16.18612	05 51	56.26	+20 01	30.5	16.6 R	747
1993 OY ₆	1999 01	14.35286	08 28	46.44	+18 56	55.3	18.3 V	1993 RQ ₄	1999 01	16.19487	05 51	55.88	+20 01	30.5	17.6 R	747
1993 OY ₆	1999 01	14.37500	08 28	45.06	+18 57	02.7	18.3 V	1993 RQ ₄	1999 01	16.20874	05 51	55.34	+20 01	30.8	17.3 R	747
1993 OY ₆	1999 01	15.37276	08 27	43.62	+19 02	41.1	18.2 V	1993 RQ ₄	1999 01	18.09284	05 50	45.89	+20 01	42.8	17.8	704
1993 OY ₆	1999 01	15.40405	08 27	41.62	+19 02	52.1	18.3 V	1993 RQ ₄	1999 01	18.11484	05 50	45.09	+20 01	43.0	17.4	704
1993 OY ₆	1999 01	15.42613	08 27	40.22	+19 02	59.4	18.1 V	1993 RQ ₄	1999 01	18.13683	05 50	44.29	+20 01	42.5	17.4	704
1993 OY ₆	1999 01	18.42875	08 24	31.56	+19 20	06.5	17.9	1993 RQ ₄	1999 01	18.15915	05 50	43.52	+20 01	43.3	17.0	704
1993 OY ₆	1999 01	18.45077	08 24	30.04	+19 20	12.8	18.5	1993 RQ ₄	1999 01	18.18112	05 50	42.69	+20 01	42.3	17.0	704
1993 OY ₆	1999 01	18.47291	08 24	28.56	+19 20	21.0	18.2	1993 RQ ₄	1999 01	20.10815	05 49	38.19	+20 02	02.6	15.6	704
1993 OA ₇	1999 01	10.45860	09 06	52.51	+17 46	40.4	17.5 R	1993 RQ ₄	1999 01	20.13004	05 49	37.45	+20 02	01.1	15.6	704
1993 OA ₇	1999 01	10.47900	09 06	51.57	+17 46	46.1	699	1993 RQ ₄	1999 01	20.15240	05 49	36.74	+20 02	02.9	15.8	704
1993 OA ₇	1999 01	10.49942	09 06	50.65	+17 46	53.8	699	1993 RQ ₄	1999 01	20.17431	05 49	35.97	+20 02	03.3	15.9	704
1993 OA ₇	1999 01	19.41245	08 59	27.58	+18 39	02.2	17.8	1993 RV ₇	1999 01	16.09929	06 13	47.91	+31 52	24.2	19.0	704
1993 OA ₇	1999 01	19.43431	08 59	26.41	+18 39	11.2	17.4	1993 RV ₇	1999 01	16.12130	06 13	46.59	+31 52	20.0	19.0	704
1993 OA ₇	1999 01	19.45621	08 59	25.38	+18 39	17.2	19.2	1993 RV ₇	1999 01	16.14404	06 13	45.40	+31 52	17.0	19.1	704
1993 OA ₇	1999 01	19.47806	08 59	23.81	+18 39	26.7	17.9	1993 RV ₇	1999 01	16.16606	06 13	44.10	+31 52	17.3	18.7	704
1993 OA ₇	1999 01	19.50005	08 59	22.71	+18 39	35.4	17.9	1993 RV ₇	1999 01	16.18812	06 13	42.50	+31 52	14.0	19.5	704
1993 OG ₁₃	1999 01	15.42704	10 54	56.99	+05 56	43.8	17.7 R	1993 SG ₁	1999 01	15.28164	08 38	41.29	+02 28	35.9	18.3 R	699
1993 OG ₁₃	1999 01	15.45253	10 54	56.67	+05 56	45.1	699	1993 SG ₁	1999 01	15.29694	08 38	40.41	+02 28	40.4		699
1993 OG ₁₃	1999 01	15.47802	10 54	56.30	+05 56	44.1	699	1993 SG ₁	1999 01	15.31228	08 38	39.63	+02 28	43.0		699
1993 OG ₁₃	1999 01	18.42199	10 54	12.22	+05 57	38.3	18.2	1993 SS ₁	1999 01	14.46582	10 22	43.34	+09 10	06.5	17.7 R	699
1993 OG ₁₃	1999 01	18.44403	10 54	11.64	+05 57	38.3	17.3	1993 SS ₁	1999 01	14.48111	10 22	43.03	+09 10	09.8		699
1993 OG ₁₃	1999 01	18.46614	10 54	11.34	+05 57	42.9	17.3	1993 SS ₁	1999 01	14.49644	10 22	42.68	+09 10	13.7		699
1993 OG ₁₃	1999 01	18.48837	10 54	10.74	+05 57	42.3	17.3	1993 SA ₄	1998 11	01.44889	06 01	48.80	+11 49	14.0	17.5 V	689
1993 OG ₁₃	1999 01	20.09697	10 53	39.32	+05 58	55.0	18.1	1993 SA ₄	1999 01	20.09977	05 06	39.36	+10 38	28.0	17.2	732
1993 OG ₁₃	1999 01	20.97645	10 53	20.21	+05 59	47.8	18.3	1993 SA ₄	1999 01	20.10436	05 06	39.31	+10 38	29.7	17.1	732
1993 OG ₁₃	1999 01	21.06073	10 53	18.07	+05 59	54.2	120	1993 SA ₄	1999 01	20.10896	05 06	39.18	+10 38	30.1	17.1	732
1993 OG ₁₃	1999 01	22.01403	10 52	55.32	+06 01	03.3	18.2	1993 SA ₄	1999 01	21.09891	05 06	21.20	+10 41	54.9	18.0	732
1993 OG ₁₃	1999 01	22.06919	10 52	53.88	+06 01	07.7	120	1993 SA ₄	1999 01	21.10353	05 06	21.08	+10 41	55.9	18.0	732
1993 OG ₁₃	1999 01	22.08484	10 52	53.48	+06 01	08.7	120	1993 SA ₄	1999 01	21.10816	05 06	21.00	+10 41	57.2	18.1	732
1993 OG ₁₃	1999 01	23.04404	10 52	28.68	+06 02	29.5	17.8	1993 SS ₄	1999 01	20.07386	10 48	51.32	+09 00	41.8	20.1 V	910
1993 OG ₁₃	1999 01	23.07267	10 52	27.83	+06 02	32.1	120	1993 SS ₄	1999 01	20.10846	10 48	50.28	+09 00	48.0	19.8 V	910
1993 OG ₁₃	1999 01	24.06368	10 52	00.41	+06 04	06.8	18.0	1993 SS ₄	1999 01	20.14275	10 48	49.22	+09 00	52.8	20.5 V	910
1993 OG ₁₃	1999 01	24.08132	10 51	59.84	+06 04	08.5	120	1993 SS ₄	1999 01	23.10659	10 47	19.16	+09 09	26.5	20.1 V	910
1993 OG ₁₃	1999 01	25.03085	10 51	31.86	+06 05	50.4	18.0	1993 SS ₄	1999 01	23.13216	10 47	18.30	+09 09	31.2	20.0 V	910
1993 OG ₁₃	1999 01	25.07364	10 51	30.45	+06 05	55.3	120	1993 SS ₄	1999 01	23.15644	10 47	17.44	+09 09	35.7	19.8 V	910
1993 PY ₅	1999 01	16.08980	05 44	03.71	+28 21	03.1	19.0	1993 SS ₄	1999 01	26.06691	10 45	35.73	+09 19	11.6	19.7 V	910
1993 PY ₅	1999 01	16.11182	05 44	02.53	+28 20	58.7	19.0	1993 SS ₄	1999 01	26.08973	10 45	34.80	+09 19	16.2	20.0 V	910
1993 PY ₅	1999 01	16.13384	05 44	01.36	+28 20	54.4	18.9	1993 SS ₄	1999 01	26.11309	10 45	33.90	+09 19	21.0	19.8 V	910
1993 PY ₅	1999 01	16.15658	05 44	00.27	+28 20	50.1	19.1	1993 ST ₄	1999 01	13.50337	11 51	05.12	+02 25	26.7	19.0 R	699
1993 PY ₅	1999 01	16.17863	05 43	58.88	+28 20	45.2	18.9	1993 ST ₄	1999 01	13.53394	11 51	05.76	+02 25	23.1		699
1993 PV ₆	1999 01	19.98106	10 31	26.82	+08 35	26.6	18.9 V	1993 SX ₄	1999 01	10.53264	08 28	32.72	+15 39	17.3	17.3 V	423
1993 PV ₆	1999 01	20.00469	10 31	25.96	+08 35	29.5	19.1 V	1993 SX ₄	1999 01	10.59928	08 28	29.04	+15 39	32.5	17.4 V	423
1993 PV ₆	1999 01	20.03715	10 31	24.77	+08 35	33.7	19.2 V	1993 SX ₄	1999 01	11.25459	08 27	53.88	+15 41	44.7	16.1 R	727
1993 QN	1999 01	19.41621	09 10	48.45	+21 19	56.0	18.3	1993 SX ₄	1999 01	11.27044	08 27	52.98	+15 41	48.5	16.0 R	727
1993 QN	1999 01	19.43808	09 10	46.83	+21 19	52.6	18.3	1993 SX ₄	1999 01	11.28613	08 27	52.12	+15 41	52.0	15.9 R	727
1993 QN	1999 01	19.45997	09 10	45.04	+21 19	48.4	19.2	1993 SX ₄	1999 01	15.55010	08 23	51.83	+15 58	13.7	17.0 V	423
1993 QN	1999 01	19.48182	09 10	43.26	+21 19	44.2	18.2	1993 SX ₄	1999 01	15.56582	08 23	50.85	+15 58	18.0	16.7 V	423
1993 QN	1999 01	19.50380	09 10	41.63												

1993 TM ₂₆	1998 12 15.38907	06 24 29.42	+09 36 17.6	17.9	704	1994 AL ₁	1999 01 07.24100	03 49 06.16	+00 47 09.3	18.8	704
1993 TM ₂₆	1998 12 15.40388	06 24 28.66	+09 36 17.8	17.9	704	1994 AL ₁	1999 01 07.25136	03 49 05.58	+00 47 24.6	18.3	704
1993 TM ₂₆	1998 12 15.44352	06 24 26.83	+09 36 14.4	18.1	704	1994 AL ₁	1999 01 07.27202	03 49 04.70	+00 47 57.5	18.5	704
1993 TM ₂₆	1998 12 15.44852	06 24 26.20	+09 36 13.8	18.1	704	1994 AL ₁	1999 01 13.21737	03 46 16.73	+03 31 49.5	16.7 R	699
1993 TM ₂₆	1998 12 22.29686	06 18 07.42	+09 34 35.5	18.4	704	1994 AL ₁	1999 01 13.23777	03 46 16.33	+03 32 22.8		699
1993 TM ₂₆	1998 12 22.31956	06 18 06.07	+09 34 34.4	19.3	704	1994 AL ₁	1999 01 13.25816	03 46 15.87	+03 32 56.7		699
1993 TM ₂₆	1998 12 22.34252	06 18 04.86	+09 34 33.9	19.0	704	1994 AP ₁	1999 01 15.18226	06 46 10.07	+40 04 25.6		732
1993 TM ₂₆	1998 12 22.36532	06 18 03.45	+09 34 34.2	19.2	704	1994 AP ₁	1999 01 15.18781	06 46 09.65	+40 04 23.1	15.5	732
1993 TG ₃₁	1999 01 13.43480	10 21 11.01	+15 59 31.8	18.8 R	699	1994 AP ₁	1999 01 15.19369	06 46 09.22	+40 04 20.1	15.5	732
1993 TG ₃₁	1999 01 13.45517	10 21 10.64	+15 59 37.2		699	1994 AP ₁	1999 01 15.20154	06 46 08.62	+40 04 16.2	15.4	732
1993 TG ₃₁	1999 01 13.47557	10 21 10.21	+15 59 42.5		699	1994 AP ₁	1999 01 16.10622	06 45 04.61	+39 56 48.4	15.5	732
1993 TL ₃₂	1999 01 12.55660	06 22 26.75	+22 21 26.9	18.4 R	426	1994 AP ₁	1999 01 16.11250	06 45 04.17	+39 56 45.6	15.5	732
1993 TL ₃₂	1999 01 12.57023	06 22 25.95	+22 21 27.2	18.8 R	426	1994 AP ₁	1999 01 16.11778	06 45 03.76	+39 56 42.6	15.6	732
1993 TL ₃₂	1999 01 12.58514	06 22 25.10	+22 21 29.8	18.5 R	426	1994 AP ₁	1999 01 16.19806	06 44 57.94	+39 56 02.7	17.9	704
1993 TL ₃₂	1999 01 13.57461	06 21 32.36	+22 23 02.0		426	1994 AP ₁	1999 01 16.22002	06 44 56.38	+39 55 51.4		704
1993 TL ₃₂	1999 01 13.59031	06 21 31.58	+22 23 02.6	19.0 R	426	1994 AP ₁	1999 01 16.24200	06 44 54.52	+39 55 41.3		704
1993 TL ₃₂	1999 01 13.60693	06 21 30.70	+22 23 04.6	18.9 R	426	1994 AP ₁	1999 01 16.26405	06 44 53.22	+39 55 29.9		704
1993 TQ ₃₆	1999 01 06.19530	02 57 28.11	+16 59 38.0	16.8 R	699	1994 AP ₁	1999 01 16.28597	06 44 51.60	+39 55 19.4		704
1993 TQ ₃₆	1999 01 06.22174	02 57 28.32	+16 59 45.1		699	1994 AP ₁	1999 01 17.15502	06 43 51.29	+39 47 57.8	15.5	732
1993 TQ ₃₆	1999 01 06.24329	02 57 28.48	+16 59 52.0		699	1994 AP ₁	1999 01 17.16675	06 43 50.43	+39 47 51.5	15.6	732
1993 TY ₃₈	1999 01 15.41940	10 17 48.59	+05 38 54.1	17.9 R	699	1994 AP ₁	1999 01 19.18826	06 41 33.63	+39 30 05.2		704
1993 TY ₃₈	1999 01 15.44490	10 17 47.98	+05 39 00.8		699	1994 AP ₁	1999 01 19.21054	06 41 32.30	+39 29 54.6		704
1993 TY ₃₈	1999 01 15.47037	10 17 47.37	+05 39 05.7		699	1994 AP ₁	1999 01 19.23280	06 41 30.77	+39 29 43.1		704
1993 TY ₃₈	1999 01 18.42289	10 16 36.22	+05 51 37.5	17.6	704	1994 AP ₁	1999 01 19.25505	06 41 29.28	+39 29 29.7		704
1993 TY ₃₈	1999 01 18.44492	10 16 35.58	+05 51 44.7	17.6	704	1994 AP ₁	1999 01 19.27721	06 41 27.73	+39 29 18.2		704
1993 TY ₃₈	1999 01 18.46704	10 16 34.90	+05 51 50.0	17.7	704	1994 AP ₁	1999 01 19.83383	06 40 51.59	+39 24 13.4		127
1993 TY ₃₈	1999 01 18.48926	10 16 34.27	+05 51 56.7	17.4	704	1994 AP ₁	1999 01 19.84508	06 40 50.84	+39 24 07.2		127
1993 TY ₃₈	1999 01 18.51127	10 16 33.72	+05 52 03.5	17.4	704	1994 AP ₁	1999 01 20.93271	06 39 40.99	+39 14 06.5		127
1993 TB ₃₉	1999 01 07.08223	09 20 26.23	+11 59 45.5	17.8	120	1994 AP ₁	1999 01 20.93774	06 39 40.67	+39 14 03.5		127
1993 TB ₃₉	1999 01 07.04524	09 20 25.74	+11 59 50.1		120	1994 AB ₂	1999 01 16.79944	07 45 10.15	+20 11 40.4	17.5	120
1993 TB ₃₉	1999 01 07.06067	09 20 25.28	+11 59 53.9		120	1994 AB ₂	1999 01 16.81999	07 45 08.99	+20 11 43.2		120
1993 TB ₃₉	1999 01 12.23705	09 17 46.88	+12 24 10.9	16.4 R	747	1994 AB ₂	1999 01 17.78825	07 44 15.50	+20 13 51.2	16.9	120
1993 TB ₃₉	1999 01 12.25184	09 17 46.34	+12 24 15.6	16.4 R	747	1994 AB ₂	1999 01 18.31501	07 43 46.26	+20 15 01.9	16.7	704
1993 TB ₃₉	1999 01 12.26777	09 17 45.74	+12 24 20.6	16.3 R	747	1994 AB ₂	1999 01 18.33767	07 43 44.91	+20 15 05.7	17.5	704
1993 UT ₆	1999 01 17.31562	09 05 25.86	+00 58 53.3	16.1 R	699	1994 AB ₂	1999 01 18.36076	07 43 43.57	+20 15 09.1	17.7	704
1993 UT ₆	1999 01 17.33347	09 05 25.11	+00 58 57.7		699	1994 AB ₂	1999 01 18.38283	07 43 42.37	+20 15 10.8	17.8	704
1993 UT ₆	1999 01 17.35130	09 05 24.38	+00 59 02.3		699	1994 AB ₂	1999 01 18.40487	07 43 41.15	+20 15 13.7	17.6	704
1993 VE	1999 01 09.22156	08 13 46.65	+39 30 27.3	17.4	732	1994 AC ₃	1999 01 13.84133	02 54 07.90	+17 01 28.1	19.3 V	910
1993 VE	1999 01 09.22752	08 13 46.24	+39 30 29.3	17.4	732	1994 AC ₃	1999 01 13.86446	02 54 08.23	+17 01 29.4	19.4 V	910
1993 VE	1999 01 09.23315	08 13 45.85	+39 30 31.0	17.4	732	1994 AC ₃	1999 01 13.88905	02 54 08.57	+17 01 31.2	19.5 V	910
1993 VE	1999 01 09.24345	08 13 45.16	+39 30 34.5	17.5	732	1994 AC ₃	1999 01 14.85659	02 54 24.47	+17 02 40.2	19.3 V	910
1993 VE	1999 01 12.16353	08 10 27.53	+39 44 33.4	17.9	732	1994 AC ₃	1999 01 14.87986	02 54 24.86	+17 02 41.5	19.0 V	910
1993 VE	1999 01 12.16805	08 10 27.25	+39 44 35.0	17.8	732	1994 AC ₃	1999 01 14.90298	02 54 25.21	+17 02 43.2	19.4 V	910
1993 VE	1999 01 12.17255	08 10 26.91	+39 44 36.0	17.8	732	1994 AN ₁₅	1999 01 16.20081	06 59 24.78	+26 50 59.1	18.2	704
1993 VE	1999 01 14.31375	08 07 58.72	+39 53 50.3	18.2	704	1994 AN ₁₅	1999 01 16.22278	06 59 23.56	+26 50 58.3	18.5	704
1993 VE	1999 01 14.33680	08 07 57.10	+39 53 56.7	18.6	704	1994 AN ₁₅	1999 01 16.24486	06 59 22.27	+26 50 56.2	18.9	704
1993 VE	1999 01 14.35982	08 07 55.43	+39 54 02.9	19.1	704	1994 AN ₁₅	1999 01 16.26680	06 59 20.93	+26 50 54.3	18.5	704
1993 VE	1999 01 14.38273	08 07 53.94	+39 54 03.9	19.9	704	1994 AN ₁₅	1999 01 19.19801	06 56 39.18	+26 46 10.6	18.8	704
1993 VE	1999 01 14.40567	08 07 52.20	+39 54 13.2		704	1994 AN ₁₅	1999 01 19.22029	06 56 37.90	+26 46 09.6	18.9	704
1993 VE	1999 01 15.23609	08 06 54.47	+39 57 32.7	16.7 R	699	1994 AN ₁₅	1999 01 19.24257	06 56 36.80	+26 46 06.8	19.1	704
1993 VE	1999 01 15.24882	08 06 53.57	+39 57 35.9		699	1994 AL ₁₆	1999 01 05.81671	06 04 33.87	+08 46 54.9	16.8 R	113
1993 VE	1999 01 15.26230	08 06 52.58	+39 57 38.8		699	1994 AL ₁₆	1999 01 05.82887	06 04 33.32	+08 46 56.8	16.6 R	113
1993 VU ₁	1999 01 06.12057	02 06 19.78	+14 45 20.4	18.8 R	699	1994 AL ₁₆	1999 01 05.87463	06 04 31.11	+08 47 01.6	17.0 R	113
1993 VU ₁	1999 01 06.14094	02 06 20.42	+14 45 20.1		699	1994 AL ₁₆	1999 01 18.09811	05 55 56.73	+09 18 14.9	17.5	704
1993 VU ₁	1999 01 06.16135	02 06 21.06	+14 45 19.3		699	1994 AL ₁₆	1999 01 18.12008	05 55 55.83	+09 18 20.8	17.9	704
1993 VA ₃	1999 01 01.48814	01 34 38.63	+07 39 15.5	17.8	327	1994 AL ₁₆	1999 01 18.14207	05 55 55.23	+09 18 24.2	17.8	704
1993 VA ₃	1999 01 01.50076	01 34 38.90	+07 39 20.0		327	1994 AL ₁₆	1999 01 18.16439	05 55 54.32	+09 18 27.6	17.8	704
1993 VA ₃	1999 01 01.51295	01 34 39.24	+07 39 25.0		327	1994 AL ₁₆	1999 01 18.18635	05 55 53.40	+09 18 30.2	18.3	704
1993 VD ₄	1998 12 17.50090	02 01 48.27	+11 59 52.7	18.0	327	1994 AL ₁₆	1999 01 21.81595	05 53 52.32	+09 30 32.1	16.7 R	113
1993 VD ₄	1998 12 17.51344	02 01 48.13	+11 59 55.6		327	1994 AL ₁₆	1999 01 21.84427	05 53 51.38	+09 30 38.2	16.9 R	113
1993 VD ₄	1998 12 17.52668	02 01 47.99	+11 59 58.6		327	1994 BJ ₄	1999 01 16.09535	05 48 22.58	+23 26 58.8	18.8	704
1993 VV ₇	1999 01 09.42778	10 25 45.77	+31 50 21.8	17.2 R	699	1994 BJ ₄	1999 01 16.11736	05 48 21.52	+23 26 54.9	19.1	704
1993 VV ₇	1999 01 09.46338	10 25 45.16	+31 51 07.5		699	1994 BJ ₄	1999 01 16.14010	05 48 20.58	+23 26 54.7	19.5	704
1993 VV ₇	1999 01 09.48377	10 25 44.81	+31 51 34.1		699	1994 BJ ₄	1999 01 16.16212	05 48 19.72	+23 26 50.5	18.9	704
1993 XG	1999 01 18.08372	05 21 30.59	+21 27 46.9	17.8	704	1994 BJ ₄	1999 01 16.18418	05 48 18.73	+23 26 48.6	18.9	704
1993 XG	1999 01 18.10569	05 21 29.88	+21 27 53.6	18.2	704	1994 CK ₁	1999 01 18.68693	08 57 47.02	+21 18 48.1	18.3 V	402
1993 XG	1999 01 18.12766	05 21 29.25	+21 28 02.0	18.3	704	1994 CK ₁	1999 01 18.68832	08 57 46.82	+21 18 49.2		402
1993 XG	1999 01 18.14975	05 21 28.44	+21 28 07.2	18.1	704	1994 CK ₁	1999 01 18.68971	08 57 46.64	+21 18 49.0		402
1993 XG	1999 01 18.17197	05 21 27.73	+21 28 13.8	18.1	704	1994 CK ₁	1999 01 21.72274	08 51 05.39	+21 35 43.5	18.7 V	360
1993 XM	1999 01 07.23258	03 55 48.47	+07 05 34.2	18.0	704	1994 CK ₁	1999 01 21.72760	08 51 04.73	+21 35 45.0		360
1993 XM	1999 01 07.24293	03 55 48.19	+07 05 38.8	18.0	704	1994 CK ₁	1999 01 21.73507	08 51 03.71	+21 35 47.2		360
1993 XM	1999 01 07.25329	03 55 48.10	+07 05 43.3	18.0	704	1994 CM ₁	1999 01 2				

1994 GV ₉	1999 01	23.46825	12 03 41.52	-00 22 03.0		705	1994 TK ₁₁	1999 01	09.10445	01 30 10.91	+09 47 04.4	18.8 V	691
1994 GV ₉	1999 01	23.50262	12 03 41.47	-00 22 02.4		705	1994 TK ₁₁	1999 01	09.12581	01 30 12.00	+09 47 09.8	19.0 V	691
1994 NQ ₉	1999 01	07.22820	03 36 10.61	-00 08 38.5	17.9	704	1994 TK ₁₁	1999 01	13.09081	01 33 54.97	+10 05 28.2	18.7 V	691
1994 NQ ₉	1999 01	07.23854	03 36 10.55	-00 08 25.1	18.7	704	1994 TK ₁₁	1999 01	13.12250	01 33 56.74	+10 05 37.5	18.9 V	691
1994 NQ ₉	1999 01	07.24886	03 36 10.49	-00 08 15.0	18.7	704	1994 TK ₁₁	1999 01	13.15479	01 33 58.58	+10 05 47.0	18.8 V	691
1994 NQ ₉	1999 01	07.26956	03 36 10.41	-00 07 53.9	18.7	704	1994 TF ₁₅	1999 01	16.23222	07 30 54.99	+23 28 32.0	19.2	704
1994 NF ₁	1999 01	10.20597	03 32 20.66	+13 59 14.4	18.0 R	699	1994 TF ₁₅	1999 01	16.25430	07 30 53.50	+23 28 34.1		704
1994 NF ₁	1999 01	10.23374	03 32 20.45	+13 59 22.8		699	1994 TF ₁₅	1999 01	16.27622	07 30 51.91	+23 28 36.0	18.4	704
1994 NF ₁	1999 01	10.25921	03 32 20.43	+13 59 29.4		699	1994 TF ₁₅	1999 01	16.29812	07 30 50.33	+23 28 39.4	19.6	704
1994 PA	1999 01	15.80333	05 48 52.71	+17 55 40.1		108	1994 TF ₁₅	1999 01	19.20309	07 27 25.38	+23 33 07.7		704
1994 PA	1999 01	15.80906	05 48 52.37	+17 55 39.6		108	1994 TF ₁₅	1999 01	19.22551	07 27 23.74	+23 33 10.6	18.4	704
1994 PA	1999 01	15.81473	05 48 52.04	+17 55 37.9	17.8 V	108	1994 TF ₁₅	1999 01	19.24764	07 27 22.13	+23 33 10.9	19.4	704
1994 PA	1999 01	19.01516	05 46 32.28	+17 50 10.2		104	1994 TF ₁₅	1999 01	19.26993	07 27 20.54	+23 33 14.3	18.4	704
1994 PN	1999 01	16.98572	06 57 57.29	+15 42 05.3	17.1 R	118	1994 TF ₁₅	1999 01	19.29207	07 27 18.72	+23 33 14.8	19.4	704
1994 PN	1999 01	16.98972	06 57 56.93	+15 42 10.7		118	1994 TS ₁₆	1999 01	07.23697	04 25 50.79	+12 54 10.9	18.4	704
1994 PU	1999 01	13.44117	09 58 33.02	+14 25 07.0	18.2 R	699	1994 TS ₁₆	1999 01	07.24735	04 25 50.59	+12 54 12.5	18.4	704
1994 PU	1999 01	13.46155	09 58 32.16	+14 25 09.7		699	1994 TS ₁₆	1999 01	07.25772	04 25 50.33	+12 54 13.3	19.2	704
1994 PU	1999 01	13.48125	09 58 31.27	+14 25 12.0		699	1994 UB	1999 01	05.98269	03 19 01.23	+05 24 42.5	18.6 R	817
1994 PU	1999 01	19.42617	09 54 01.72	+14 40 28.2	18.1	704	1994 UB	1999 01	05.99481	03 19 01.09	+05 24 45.8	18.7 R	817
1994 PU	1999 01	19.44808	09 54 00.50	+14 40 32.6	19.0	704	1994 UB	1999 01	06.02535	03 19 00.91	+05 24 54.2	18.9 R	817
1994 PU	1999 01	19.46994	09 53 59.43	+14 40 37.1	19.1	704	1994 UB	1999 01	06.04441	03 19 00.82	+05 24 59.0	18.8 R	817
1994 PU	1999 01	19.49180	09 53 58.37	+14 40 37.3	19.1	704	1994 UB	1999 01	06.07359	03 19 00.69	+05 25 06.0	18.6 R	817
1994 PU	1999 01	19.51377	09 53 57.13	+14 40 42.0	19.2	704	1994 UB	1999 01	08.00863	03 18 55.42	+05 33 55.6	19.1 R	817
1994 PZ	1999 01	20.20812	07 27 20.52	+18 54 23.3	18.5	704	1994 UB	1999 01	08.07250	03 18 55.19	+05 34 13.4	19.3 R	817
1994 PZ	1999 01	20.23010	07 27 19.04	+18 54 28.0	18.5	704	1994 UD	1999 01	19.42184	09 21 08.77	+24 26 09.8	18.0	704
1994 PZ	1999 01	20.25195	07 27 17.42	+18 54 32.9	18.0	704	1994 UD	1999 01	19.44375	09 21 07.39	+24 26 19.2	18.6	704
1994 PZ	1999 01	20.29639	07 27 14.14	+18 54 42.5	19.0	704	1994 UD	1999 01	19.46561	09 21 05.96	+24 26 29.9	17.8	704
1994 PK ₈	1999 01	09.07915	01 24 50.77	+09 35 28.2	20.2 V	691	1994 UD	1999 01	19.48747	09 21 04.60	+24 26 39.9	17.9	704
1994 PK ₈	1999 01	09.10076	01 24 51.85	+09 35 33.5	20.1 V	691	1994 UD	1999 01	19.50945	09 21 03.27	+24 26 49.3	17.7	704
1994 PK ₈	1999 01	09.12212	01 24 52.68	+09 35 39.1	20.2 V	691	1994 UR	1999 01	16.11780	06 07 41.91	+26 09 20.4	18.8	704
1994 PK ₈	1999 01	15.15237	01 29 32.22	+10 00 18.7	20.0 V	691	1994 UR	1999 01	16.14054	06 07 40.91	+26 09 23.2	19.0	704
1994 PK ₈	1999 01	15.17358	01 29 33.27	+10 00 24.3	19.8 V	691	1994 UR	1999 01	16.16256	06 07 39.79	+26 09 25.9	19.0	704
1994 PK ₈	1999 01	15.19460	01 29 34.32	+10 00 30.8	19.7 V	691	1994 UR	1999 01	18.19473	06 06 11.63	+26 13 19.4	18.5	704
1994 PK ₈	1999 01	19.10890	01 32 55.06	+10 18 17.8	19.8 V	691	1994 UR	1999 01	18.23887	06 06 09.64	+26 13 24.2	18.6	704
1994 PK ₈	1999 01	19.13015	01 32 56.15	+10 18 24.0	20.2 V	691	1994 UR	1999 01	18.26158	06 06 08.47	+26 13 24.3	18.7	704
1994 PK ₈	1999 01	19.15195	01 32 57.29	+10 18 29.9	20.4 V	691	1994 UT	1999 01	08.59734	07 48 00.69	+17 39 28.5	17.0 V	886
1994 PS ₁₀	1999 01	19.82537	02 35 55.36	+18 07 09.5	20.7 V	910	1994 UT	1999 01	08.60714	07 47 59.96	+17 39 30.2		886
1994 PS ₁₀	1999 01	19.84850	02 35 56.61	+18 07 14.3	20.0 V	910	1994 UT	1999 01	18.31081	07 36 57.72	+17 45 08.3	17.9	704
1994 PS ₁₀	1999 01	19.87103	02 35 57.92	+18 07 18.4	20.7 V	910	1994 UT	1999 01	18.35649	07 36 54.36	+17 45 09.9	18.7	704
1994 PG ₁₁	1998 11	19.07162	04 21 51.70	+19 08 23.5	17.5 V	910	1994 UT	1999 01	18.37865	07 36 52.99	+17 45 11.8	18.0	704
1994 PG ₁₁	1998 11	19.09504	04 21 50.15	+19 08 19.1	17.3 V	910	1994 UT	1999 01	18.40069	07 36 51.37	+17 45 09.4	18.3	704
1994 PG ₁₁	1998 11	19.12018	04 21 48.50	+19 08 14.5	17.4 V	910	1994 UT	1999 01	22.53712	07 32 20.23	+17 48 07.0	17.7 V	385
1994 PK ₁₁	1999 01	11.04601	04 07 59.29	+25 15 14.1	16.6 R	758	1994 UT	1999 01	22.54642	07 32 19.52	+17 48 09.0		385
1994 PK ₁₁	1999 01	11.05530	04 07 59.41	+25 15 11.8	16.5 R	758	1994 UW	1999 01	16.08135	05 19 01.63	+33 11 53.0	19.2	704
1994 PK ₁₁	1999 01	11.06732	04 07 59.54	+25 15 08.8	16.4 R	758	1994 UW	1999 01	16.10337	05 19 00.72	+33 11 46.6	19.3	704
1994 PL ₁₃	1999 01	19.20178	07 11 54.04	+28 50 19.7	18.7	704	1994 UW	1999 01	16.12538	05 19 00.00	+33 11 42.2	19.1	704
1994 PL ₁₃	1999 01	19.22420	07 11 52.22	+28 50 15.5	19.0	704	1994 UW	1999 01	16.14814	05 18 59.09	+33 11 35.6	18.6	704
1994 PL ₁₃	1999 01	19.24634	07 11 50.62	+28 50 11.3	19.5	704	1994 UW	1999 01	16.17014	05 18 58.36	+33 11 31.3	18.6	704
1994 PL ₁₃	1999 01	19.26863	07 11 48.84	+28 50 11.6	18.9	704	1994 UY	1999 01	06.12311	01 54 41.82	+15 40 55.5	19.0 R	699
1994 PL ₁₃	1999 01	19.29076	07 11 47.20	+28 50 07.3	19.0	704	1994 UY	1999 01	06.14348	01 54 42.97	+15 41 00.1		699
1994 PQ ₁₆	1999 01	08.24905	04 48 18.40	+30 55 13.4	17.6	704	1994 UY	1999 01	06.16390	01 54 44.07	+15 41 03.7		699
1994 PQ ₁₆	1999 01	08.26310	04 48 17.70	+30 55 12.0	17.5	704	1994 UZ	1999 01	08.57722	07 32 01.44	+24 40 00.1	17.5 V	886
1994 PQ ₁₆	1999 01	08.27751	04 48 17.34	+30 55 07.5	17.5	704	1994 UZ	1999 01	08.59075	07 32 00.25	+24 40 05.3		886
1994 PQ ₁₆	1999 01	08.29186	04 48 16.98	+30 55 03.1	17.5	704	1994 UZ	1999 01	12.61124	07 27 17.60	+24 46 27.1	17 V	888
1994 PQ ₁₆	1999 01	08.30329	04 48 16.57	+30 54 58.6	17.5	704	1994 UZ	1999 01	12.61666	07 27 17.19	+24 46 28.1		888
1994 PE ₂₀	1999 01	13.08598	01 26 56.71	+10 15 56.6	21.1 V	691	1994 UZ	1999 01	16.21011	07 23 09.95	+24 51 00.3	18.4	704
1994 PE ₂₀	1999 01	13.11768	01 26 59.27	+10 16 10.5	20.9 V	691	1994 UZ	1999 01	16.23207	07 23 08.42	+24 51 02.7	19.4	704
1994 PE ₂₀	1999 01	13.14998	01 27 01.80	+10 16 25.0	20.6 V	691	1994 UZ	1999 01	16.25416	07 23 06.86	+24 51 04.9	19.1	704
1994 PE ₂₉	1999 01	24.11252	03 36 51.91	+19 22 31.3	20.5 V	691	1994 UZ	1999 01	16.27608	07 23 05.32	+24 51 05.3	19.4	704
1994 PE ₂₉	1999 01	24.13489	03 36 53.05	+19 22 36.7	19.9 V	691	1994 UZ	1999 01	19.20221	07 19 51.40	+24 53 54.8		704
1994 PE ₂₉	1999 01	24.15753	03 36 54.12	+19 22 41.7	20.3 V	691	1994 UZ	1999 01	19.22464	07 19 49.95	+24 53 55.7	18.5	704
1994 PE ₃₃	1999 01	15.15360	03 12 07.22	+21 26 16.9	17.2 R	699	1994 UZ	1999 01	19.26906	07 19 46.89	+24 53 59.3	18.3	704
1994 PE ₃₃	1999 01	15.16885	03 12 07.45	+21 26 15.9		699	1994 UZ	1999 01	19.29119	07 19 45.40	+24 53 59.6	18.5	704
1994 PE ₃₃	1999 01	15.18411	03 12 07.69	+21 26 14.9		699	1994 UJ ₁	1999 01	08.07760	01 11 18.68	+10 53 33.7	18.1	704
1994 PV ₃₇	1999 01	09.75947	01 10 07.80	+05 20 44.3	20.0 V	910	1994 UJ ₁	1999 01	08.08885	01 11 19.53	+10 53 43.0	18.1	704
1994 PV ₃₇	1999 01	09.78247	01 10 09.15	+05 20 53.2	19.9 V	910	1994 UJ ₁	1999 01	08.10053	01 11 20.14	+10 53 43.3	19.2	704
1994 PV ₃₇	1999 01	09.80521	01 10 10.45	+05 21 01.7	20.4 V	910	1994 UJ ₁	1999 01	08.11194	01 11 21.04	+10 53 49.9	19.1	704
1994 RJ ₁₁	1999 01	06.26738	03 06 59.13	+27 20 43.0	16.2 R	699	1994 UJ ₁	1999 01	08.12271	01 11 21.91	+10 53 52.2	19.1	704
1994 RJ ₁₁	1999 01	06.28778	03 06 59.37	+27 20 39.3		699	1994 UM ₁	1999 01	08.09159	01 30 08.42	+11 01 12.6	18.7	704
1994 RJ ₁₁													

1994 VA	1999 01	11.16254	02 01 49.45	+11 27 07.8	18.9	704	1994 WM ₁	1999 01	16.25562	06 33 11.51	+40 53 52.5	18.1	704
1994 VA	1999 01	11.17302	02 01 49.94	+11 27 04.6	18.5	704	1994 WM ₁	1999 01	16.27754	06 33 09.97	+40 53 56.6	19.2	704
1994 VE	1999 01	16.08528	05 46 24.19	+40 09 39.7	18.7	704	1994 WM ₁	1999 01	19.18768	06 29 57.30	+41 05 00.8	19.4	704
1994 VE	1999 01	16.10730	05 46 23.02	+40 09 33.8	19.4	704	1994 WM ₁	1999 01	19.20996	06 29 55.85	+41 05 05.1	18.7	704
1994 VE	1999 01	16.12931	05 46 21.46	+40 09 33.3	18.3	704	1994 WM ₁	1999 01	19.23222	06 29 54.27	+41 05 09.7	18.6	704
1994 VE	1999 01	16.15206	05 46 20.41	+40 09 33.3	18.2	704	1994 WL ₃	1999 01	07.20191	03 55 27.99	+14 16 32.9	17.8 R	699
1994 VE	1999 01	16.17411	05 46 19.13	+40 09 31.5	18.2	704	1994 WL ₃	1999 01	07.23025	03 55 27.81	+14 16 38.6		699
1994 VE	1999 01	19.08243	05 43 49.60	+40 02 46.2	18.2	704	1994 WL ₃	1999 01	07.25574	03 55 27.65	+14 16 43.5		699
1994 VE	1999 01	19.10437	05 43 48.74	+40 02 45.4	18.8	704	1994 WN ₃	1999 01	10.21234	04 05 57.26	+12 10 43.7	17.2 R	699
1994 VE	1999 01	19.14833	05 43 46.41	+40 02 37.5	18.0	704	1994 WN ₃	1999 01	10.24010	04 05 57.33	+12 10 54.5		699
1994 VE	1999 01	19.17031	05 43 45.22	+40 02 35.7	18.6	704	1994 WN ₃	1999 01	10.26559	04 05 57.39	+12 11 04.1		699
1994 VF	1999 01	13.82677	02 33 06.45	+16 48 43.9	19.3 V	910	1994 WN ₃	1999 01	11.23819	04 06 02.65	+12 17 21.3	17.4	704
1994 VF	1999 01	13.84990	02 33 07.54	+16 48 47.0	19.4 V	910	1994 WN ₃	1999 01	11.24882	04 06 02.62	+12 17 25.9	17.4	704
1994 VF	1999 01	13.87451	02 33 08.71	+16 48 51.2	19.6 V	910	1994 WN ₃	1999 01	11.28062	04 06 02.79	+12 17 39.3	16.9	704
1994 VF	1999 01	14.84241	02 33 56.76	+16 51 25.1	19.7 V	910	1994 WN ₃	1999 01	14.11765	04 06 29.47	+12 36 21.0		663
1994 VF	1999 01	14.86569	02 33 57.89	+16 51 28.3	19.6 V	910	1994 WN ₃	1999 01	14.17329	04 06 30.03	+12 36 43.7		663
1994 VF	1999 01	14.88882	02 33 59.05	+16 51 32.4	19.6 V	910	1994 WN ₃	1999 01	15.14012	04 06 42.84	+12 43 12.9		663
1994 VH	1999 01	08.15149	02 09 19.72	+18 41 31.9	18.0 R	699	1994 WN ₃	1999 01	15.17682	04 06 43.24	+12 43 27.4		663
1994 VH	1999 01	08.17692	02 09 21.15	+18 41 40.2		699	1994 WP ₃	1999 01	19.20789	07 37 30.36	+26 20 21.3	17.8	704
1994 VH	1999 01	08.20235	02 09 22.63	+18 41 49.9		699	1994 WP ₃	1999 01	19.23016	07 37 28.72	+26 20 30.2	17.5	704
1994 VT	1999 01	10.20645	08 33 45.73	+21 12 10.3	17.1 V	691	1994 WP ₃	1999 01	19.25241	07 37 27.01	+26 20 37.7	19.2	704
1994 VT	1999 01	10.22879	08 33 44.49	+21 12 13.3	17.2 V	691	1994 WP ₃	1999 01	19.27458	07 37 25.67	+26 20 44.7	17.9	704
1994 VT	1999 01	10.25594	08 33 42.97	+21 12 17.2	17.2 V	691	1994 WP ₃	1999 01	19.29671	07 37 23.99	+26 20 52.3	18.0	704
1994 VT	1999 01	19.31238	08 24 53.18	+21 33 44.1	17.1	704	1994 WP ₃	1999 01	22.63979	07 33 37.76	+26 38 39.7	17.5 V I	888
1994 VT	1999 01	19.31936	08 24 52.65	+21 33 45.2	16.9 V	691	1994 WP ₃	1999 01	22.66244	07 33 36.27	+26 38 46.2		888
1994 VT	1999 01	19.33457	08 24 51.77	+21 33 47.7		704	1994 WR ₃	1999 01	07.15652	03 02 27.28	+13 43 44.2	17.2 R	699
1994 VT	1999 01	19.34221	08 24 51.16	+21 33 48.4	16.8 V	691	1994 WR ₃	1999 01	07.17181	03 02 27.48	+13 43 52.8		699
1994 VT	1999 01	19.36574	08 24 49.61	+21 33 51.7	16.8 V	691	1994 WR ₃	1999 01	07.18060	03 02 27.46	+13 43 57.0	16.3	704
1994 VT	1999 01	19.37878	08 24 48.85	+21 33 52.6	17.2	704	1994 WR ₃	1999 01	07.18711	03 02 27.59	+13 44 01.9		699
1994 VT	1999 01	19.40082	08 24 47.51	+21 33 55.5	17.3	704	1994 WR ₃	1999 01	07.19116	03 02 27.60	+13 44 04.5	16.3	704
1994 VU	1999 01	06.27506	03 28 36.86	+25 35 06.5	18.6 R	699	1994 WR ₃	1999 01	07.20158	03 02 27.66	+13 44 10.5	16.3	704
1994 VU	1999 01	06.29543	03 28 36.75	+25 35 10.3		699	1994 WR ₃	1999 01	11.18387	03 03 30.29	+14 23 24.2	17.2	704
1994 VU	1999 01	06.31591	03 28 36.48	+25 35 14.1		699	1994 WR ₃	1999 01	11.19432	03 03 30.59	+14 23 31.9	17.2	704
1994 VD ₁	1998 12	14.90125	10 48 25.05	+17 06 36.2		327	1994 WR ₃	1999 01	11.20488	03 03 30.65	+14 23 38.8	17.0	704
1994 VD ₁	1998 12	14.91500	10 48 25.86	+17 06 36.6		327	1994 WR ₃	1999 01	11.21535	03 03 30.84	+14 23 44.9	17.0	704
1994 VD ₁	1998 12	14.92828	10 48 26.57	+17 06 36.6	18.4	327	1994 WR ₃	1999 01	11.22584	03 03 31.07	+14 23 50.5	17.0	704
1994 VE ₁	1999 01	06.13203	02 24 48.38	+11 08 24.9	18.0 R	699	1994 WW ₇	1999 01	10.38800	08 35 57.72	+11 10 16.3	18.7 R	699
1994 VE ₁	1999 01	06.15242	02 24 49.00	+11 08 29.3		699	1994 WW ₇	1999 01	10.41348	08 35 56.45	+11 10 23.4		699
1994 VE ₁	1999 01	06.17282	02 24 49.69	+11 08 35.1		699	1994 WW ₇	1999 01	10.43905	08 35 55.10	+11 10 30.1		699
1994 VE ₁	1999 01	11.13551	02 28 05.40	+11 29 30.6	17.9	704	1994 WJ ₁₂	1999 01	08.24505	04 13 05.77	+23 14 37.8	17.7	704
1994 VE ₁	1999 01	11.14611	02 28 05.85	+11 29 32.2	17.9	704	1994 WJ ₁₂	1999 01	08.25769	04 13 05.63	+23 14 31.1	17.6	704
1994 VE ₁	1999 01	11.15669	02 28 06.33	+11 29 35.3	17.9	704	1994 WJ ₁₂	1999 01	08.28670	04 13 05.40	+23 14 22.2	17.5	704
1994 VE ₁	1999 01	11.16718	02 28 06.64	+11 29 39.7	18.5	704	1994 WJ ₁₂	1999 01	08.29924	04 13 05.38	+23 14 14.9	17.5	704
1994 VE ₁	1999 01	11.17767	02 28 07.24	+11 29 39.6	18.5	704	1994 XH	1999 01	19.20236	07 16 18.68	+24 06 00.0	18.4	704
1994 VH ₁	1999 01	09.76929	01 24 17.91	+05 30 06.2	19.2 V	910	1994 XH	1999 01	19.22478	07 16 17.04	+24 06 01.1	18.9	704
1994 VH ₁	1999 01	09.79229	01 24 18.91	+05 30 15.1	19.3 V	910	1994 XH	1999 01	19.24692	07 16 15.72	+24 06 01.4	19.1	704
1994 VH ₁	1999 01	09.81502	01 24 19.87	+05 30 23.9	19.1 V	910	1994 XH	1999 01	19.26920	07 16 14.15	+24 06 01.8	18.8	704
1994 VH ₁	1999 01	13.74893	01 27 20.38	+05 55 54.9	19.1 V	910	1994 XK	1999 01	10.29536	07 58 01.49	+28 00 21.2	17.2 R	699
1994 VH ₁	1999 01	13.77585	01 27 21.64	+05 56 05.5	19.0 V	910	1994 XK	1999 01	10.32084	07 57 59.70	+28 00 28.0		699
1994 VH ₁	1999 01	13.79903	01 27 22.72	+05 56 14.4	19.2 V	910	1994 XK	1999 01	10.34637	07 57 57.94	+28 00 34.7		699
1994 VH ₁	1999 01	14.76744	01 28 09.73	+06 02 42.4	18.5 V	910	1994 XP	1999 01	11.18706	03 20 45.76	+13 09 52.1	17.8	704
1994 VH ₁	1999 01	14.79024	01 28 10.81	+06 02 51.7	18.3 V	910	1994 XP	1999 01	11.19752	03 20 46.08	+13 09 55.0	17.8	704
1994 VH ₁	1999 01	14.81468	01 28 12.01	+06 03 01.4	18.5 V	910	1994 XP	1999 01	11.20808	03 20 46.39	+13 09 53.9	17.8	704
1994 VQ ₁	1999 01	06.80490	02 48 55.91	+15 51 49.2	18.8 V	910	1994 XP	1999 01	11.21856	03 20 46.84	+13 09 55.4	17.8	704
1994 VQ ₁	1999 01	06.83083	02 48 56.96	+15 51 49.5	19.1 V	910	1994 XP	1999 01	11.22904	03 20 47.14	+13 09 55.1	18.8	704
1994 VQ ₁	1999 01	06.85548	02 48 57.97	+15 51 50.0	19.0 V	910	1994 XP	1999 01	15.09664	03 22 51.33	+13 14 11.3	18.1 R	699
1994 VQ ₁	1999 01	08.19660	02 49 56.79	+15 52 25.4	18.5	704	1994 XP	1999 01	15.11191	03 22 51.86	+13 14 11.9		699
1994 VQ ₁	1999 01	08.20831	02 49 57.11	+15 52 27.6	18.5	704	1994 XP	1999 01	15.12718	03 22 52.41	+13 14 12.9		699
1994 VQ ₁	1999 01	08.22018	02 49 57.75	+15 52 25.2	18.5	704	1994 XN ₁	1999 01	19.96541	06 13 57.54	+29 34 35.3		595
1994 VQ ₁	1999 01	08.23174	02 49 58.33	+15 52 27.0	18.6	704	1994 XN ₁	1999 01	19.99295	06 13 56.15	+29 34 36.1		595
1994 VR ₁	1999 01	28.03802	11 59 44.92	-01 42 30.8	18.6	120	1994 XN ₁	1999 01	21.97252	06 12 16.94	+29 34 36.5	19.2 V	595
1994 VR ₁	1999 01	28.11086	11 59 44.40	-01 42 34.2		120	1994 XN ₁	1999 01	21.98648	06 12 16.26	+29 34 35.4		595
1994 VA ₂	1999 01	11.13551	02 23 27.12	+11 29 43.2	18.1	704	1994 XQ ₄	1998 12	17.47204	01 30 59.26	+06 13 08.0		327
1994 VA ₂	1999 01	11.14611	02 23 27.43	+11 29 50.4	18.1	704	1994 XQ ₄	1998 12	17.48442	01 30 59.41	+06 13 11.3	18.4	327
1994 VA ₂	1999 01	11.15669	02 23 27.75	+11 29 55.6	18.1	704	1994 XQ ₄	1998 12	17.49663	01 30 59.61	+06 13 14.1		327
1994 VA ₂	1999 01	11.16718	02 23 28.35	+11 30 04.5	18.9	704	1994 XQ ₄	1999 01	15.09786	01 48 33.97	+09 02 01.7	18.8 V	691
1994 VA ₂	1999 01	11.17767	02 23 28.51	+11 30 11.3	19.3	704	1994 XQ ₄	1999 01	15.11891	01 48 35.05	+09 02 10.7	18.9 V	691
1994 VZ ₂	1999 01	19.41795	08 56 30.74	+33 07 22.6	18.5	704	1994 XQ ₄	1999 01	15.13990	01 48 36.24	+09 02 19.8	19.0 V	691
1994 VZ ₂	1999 01	19.43983	08 56 29.17	+33 07 28.2	18.7	704	1994 XS ₄	1999 01	10.44713	08 46 44.75	+21 13 34.8	17.6 R	699
1994 VZ ₂	1999 0												

1994 YN	1999 01	19.28019	06 38	19.59	+25 48	50.9	18.9	704	1995 BS ₁	1999 01	18.38802	08 01	47.86	+13 28	51.6	17.0	704
1994 YX	1999 01	16.08761	05 34	44.60	+24 42	08.6	17.8	704	1995 BS ₁	1999 01	18.41008	08 01	46.57	+13 29	03.3	17.6	704
1994 YX	1999 01	16.10964	05 34	43.86	+24 42	05.2	17.8	704	1995 BS ₁	1999 01	20.30985	07 59	57.93	+13 46	57.5	17.8	704
1994 YX	1999 01	16.13164	05 34	43.05	+24 42	00.5	18.0	704	1995 BS ₁	1999 01	20.33195	07 59	56.55	+13 47	11.1		704
1994 YX	1999 01	16.15439	05 34	42.20	+24 41	56.0	18.4	704	1995 BS ₁	1999 01	20.35402	07 59	55.27	+13 47	23.5	18.4	704
1994 YX	1999 01	16.17644	05 34	41.38	+24 41	51.0	19.2	704	1995 BS ₁	1999 01	20.39936	07 59	52.64	+13 47	52.0	18.4	704
1994 YZ	1999 01	16.08674	05 29	37.60	+28 24	21.8	18.3	704	1995 BW ₁	1999 01	18.30548	07 23	43.59	+16 41	05.2	17.9	704
1994 YZ	1999 01	16.10876	05 29	36.71	+28 24	13.4	18.7	704	1995 BW ₁	1999 01	18.32749	07 23	42.55	+16 41	19.0	18.0	704
1994 YZ	1999 01	16.13077	05 29	35.78	+28 24	06.8	18.7	704	1995 BW ₁	1999 01	18.35013	07 23	41.16	+16 41	28.4	17.8	704
1994 YZ	1999 01	16.15352	05 29	34.84	+28 23	58.3	18.7	704	1995 BW ₁	1999 01	18.37333	07 23	39.91	+16 41	42.2	17.7	704
1994 YZ	1999 01	16.17557	05 29	33.79	+28 23	49.5	19.2	704	1995 BW ₁	1999 01	20.20710	07 22	06.19	+16 58	10.8		704
1994 YQ ₁	1999 01	16.72498	10 02	41.32	+20 46	49.5	17.8	R 426	1995 BW ₁	1999 01	20.22905	07 22	05.04	+16 58	23.4	17.9	704
1994 YQ ₁	1999 01	16.73466	10 02	40.96	+20 46	54.0	17.5	R 426	1995 BW ₁	1999 01	20.25091	07 22	03.89	+16 58	34.7		704
1994 YQ ₁	1999 01	16.74436	10 02	40.58	+20 46	57.6	17.4	R 426	1995 BW ₁	1999 01	20.27343	07 22	02.67	+16 58	46.9		704
1994 YQ ₁	1999 01	20.69036	09 59	54.85	+21 15	10.3	17.3	R 426	1995 BW ₁	1999 01	20.29534	07 22	01.48	+16 58	59.3	18.5	704
1994 YQ ₁	1999 01	20.70292	09 59	54.21	+21 15	16.1	17.2	R 426	1995 BL ₂	1999 01	24.27557	08 17	01.28	+29 51	11.5		711
1994 YQ ₁	1999 01	20.71641	09 59	53.59	+21 15	21.3	17.4	R 426	1995 BL ₂	1999 01	24.28531	08 16	59.53	+29 51	08.1		I 711
1994 YJ ₂	1999 01	14.13251	06 15	41.29	+25 42	06.0		716	1995 BU ₂	1999 01	06.18318	08 01	07.07	+22 54	10.3	16.2 R	727
1994 YJ ₂	1999 01	14.16848	06 15	38.79	+25 42	14.6		716	1995 BU ₂	1999 01	06.19885	08 01	06.04	+22 54	09.4	16.4 R	727
1994 YJ ₂	1999 01	16.19149	06 13	42.26	+25 52	57.4	17.6	704	1995 BU ₂	1999 01	08.60060	07 58	29.39	+22 50	28.2	17.0 V	886
1994 YJ ₂	1999 01	16.21346	06 13	41.09	+25 53	04.1	18.0	704	1995 BU ₂	1999 01	08.61043	07 58	28.67	+22 50	29.6		886
1994 YJ ₂	1999 01	16.23543	06 13	39.76	+25 53	11.9	18.0	704	1995 BU ₂	1999 01	18.55925	07 47	13.84	+22 32	51.9	16.5 V	886
1994 YJ ₂	1999 01	16.25751	06 13	38.50	+25 53	17.7	18.7	704	1995 BU ₂	1999 01	18.56931	07 47	13.13	+22 32	50.1		886
1994 YJ ₂	1999 01	16.27943	06 13	36.76	+25 53	25.2	19.4	704	1995 BU ₂	1999 01	18.87429	07 46	52.46	+22 32	13.5		127
1994 YJ ₂	1999 01	18.19473	06 11	51.52	+26 03	10.5	17.6	704	1995 BU ₂	1999 01	18.87772	07 46	52.22	+22 32	13.0		127
1994 YJ ₂	1999 01	18.21672	06 11	50.22	+26 03	19.1	17.8	704	1995 BU ₂	1999 01	19.30053	07 46	23.21	+22 31	22.6	17.4	704
1994 YJ ₂	1999 01	18.23887	06 11	48.96	+26 03	24.0	18.4	704	1995 BU ₂	1999 01	19.32274	07 46	21.68	+22 31	19.5	17.7	704
1994 YJ ₂	1999 01	18.26158	06 11	47.65	+26 03	31.6	17.7	704	1995 BU ₂	1999 01	19.34490	07 46	20.08	+22 31	16.6	18.6	704
1994 YJ ₂	1999 01	18.28365	06 11	46.41	+26 03	37.8	17.9	704	1995 BU ₂	1999 01	19.36705	07 46	18.45	+22 31	15.2	19.1	704
1994 YJ ₂	1999 01	18.30943	06 11	45.16	+26 03	46.5	17.8	704	1995 BU ₂	1999 01	19.38910	07 46	17.04	+22 31	11.0	18.2	704
1994 YJ ₂	1999 01	18.33146	06 11	43.78	+26 03	54.1	17.6	704	1995 BN ₃	1999 01	10.44840	08 54	15.36	+21 03	30.2	18.2 R	699
1994 YJ ₂	1999 01	18.35509	06 11	42.44	+26 04	01.1	17.5	704	1995 BN ₃	1999 01	10.46881	08 54	14.14	+21 03	36.4		699
1994 YJ ₂	1999 01	18.37727	06 11	41.30	+26 04	07.4	17.5	704	1995 BN ₃	1999 01	10.48922	08 54	13.24	+21 03	42.6		699
1994 YJ ₂	1999 01	19.09730	06 11	03.37	+26 07	41.9	17.8	704	1995 BN ₃	1999 01	19.31836	08 46	17.70	+21 46	40.7	17.7	704
1994 YJ ₂	1999 01	19.11932	06 11	02.30	+26 07	50.2	18.2	704	1995 BN ₃	1999 01	19.36268	08 46	15.13	+21 46	53.6	18.4	704
1994 YJ ₂	1999 01	19.16322	06 10	59.86	+26 08	03.5	18.2	704	1995 BN ₃	1999 01	19.38473	08 46	13.93	+21 46	59.1	17.9	704
1995 AF	1999 01	06.26610	03 33	00.52	+29 57	43.1	16.7	R 699	1995 BN ₃	1999 01	19.40676	08 46	12.62	+21 47	06.4	17.7	704
1995 AF	1999 01	06.28650	03 33	00.33	+29 57	34.4		699	1995 BP ₃	1999 01	14.37440	09 21	07.48	+08 50	16.7	18.5 R	699
1995 AF	1999 01	06.30693	03 33	00.15	+29 57	26.8		699	1995 BP ₃	1999 01	14.41449	09 21	05.87	+08 50	30.3		699
1995 AK	1999 01	05.90449	07 59	10.86	+26 04	46.1		587	1995 BP ₃	1999 01	14.44862	09 21	04.59	+08 50	41.5		699
1995 AK	1999 01	05.93951	07 59	08.83	+26 04	58.3		587	1995 BQ ₃	1999 01	18.21233	07 08	37.56	+12 14	59.0	17.2	704
1995 AK	1999 01	05.97741	07 59	06.46	+26 05	10.1		587	1995 BQ ₃	1999 01	18.23446	07 08	36.28	+12 15	08.6		704
1995 AK	1999 01	06.87708	07 58	14.02	+26 09	45.5	18.0	R 587	1995 BQ ₃	1999 01	18.25717	07 08	35.00	+12 15	17.3	17.0	704
1995 AK	1999 01	06.89155	07 58	13.23	+26 09	49.2		587	1995 BQ ₃	1999 01	18.27925	07 08	33.82	+12 15	26.0	17.6	704
1995 AK	1999 01	06.91694	07 58	11.66	+26 09	58.1		587	1995 BQ ₃	1999 01	18.30128	07 08	32.69	+12 15	35.2	17.6	704
1995 AL	1999 01	22.55181	08 48	56.56	+22 43	20.8	17.9	V 385	1995 BQ ₃	1999 01	20.20204	07 06	53.77	+12 28	14.3	17.6	704
1995 AL	1999 01	22.55583	08 48	56.20	+22 43	22.4		385	1995 BQ ₃	1999 01	20.22383	07 06	52.55	+12 28	23.1		704
1995 AL	1999 01	22.59227	08 48	54.08	+22 43	35.5		385	1995 BQ ₃	1999 01	20.24585	07 06	51.45	+12 28	31.4		704
1995 AL	1999 01	28.72226	08 42	42.15	+23 21	54.4	18	V 888	1995 BS ₃	1999 01	18.20624	06 48	24.47	+19 37	03.2	17.1	704
1995 AL	1999 01	28.73059	08 42	41.67	+23 21	57.0		888	1995 BS ₃	1999 01	18.22835	06 48	23.28	+19 37	07.1	16.5	704
1995 AZ	1999 01	20.97645	10 53	18.36	+06 01	13.3	18.3	120	1995 BS ₃	1999 01	18.25110	06 48	22.08	+19 37	10.4	17.2	704
1995 AZ	1999 01	21.06073	10 53	17.00	+06 01	18.4		120	1995 BS ₃	1999 01	18.27304	06 48	20.83	+19 37	12.9	17.2	704
1995 AZ	1999 01	22.01403	10 53	01.28	+06 02	25.2	18.5	120	1995 BS ₃	1999 01	20.19393	06 46	40.80	+19 41	05.1	18.1	704
1995 AZ	1999 01	22.06919	10 53	00.25	+06 02	29.2		120	1995 BS ₃	1999 01	20.21571	06 46	39.54	+19 41	09.8	17.3	704
1995 AZ	1999 01	22.08484	10 52	59.92	+06 02	30.2		120	1995 BS ₃	1999 01	20.23767	06 46	38.31	+19 41	12.7	17.2	704
1995 AZ	1999 01	23.04404	10 52	42.31	+06 03	48.7	18.3	120	1995 BS ₃	1999 01	20.25953	06 46	37.23	+19 41	14.5	17.2	704
1995 AZ	1999 01	23.07267	10 52	41.70	+06 03	51.2		120	1995 BS ₃	1999 01	20.28209	06 46	36.08	+19 41	14.9	17.9	704
1995 AZ	1999 01	23.95190	10 52	24.35	+06 05	11.7	18.6	120	1995 BL ₄	1999 01	19.31705	08 30	54.60	+23 42	04.6	16.5	704
1995 AZ	1999 01	24.06368	10 52	21.90	+06 05	23.0		120	1995 BL ₄	1999 01	19.33923	08 30	52.95	+23 42	01.0	16.8	704
1995 AZ	1999 01	24.08132	10 52	21.47	+06 05	24.5		120	1995 BL ₄	1999 01	19.36127	08 30	51.23	+23 41	58.6	17.8	704
1995 AZ	1999 01	25.03085	10 52	00.88	+06 07	02.3	18.2	120	1995 BL ₄	1999 01	19.38343	08 30	49.66	+23 41	54.0		704
1995 AZ	1999 01	25.07364	10 51	59.82	+06 07	06.8		120	1995 BL ₄	1999 01	19.40546	08 30	48.03	+23 41	50.5		704
1995 AK ₁	1989 08	29.30122	22 08	50.02	-27 47	55.1	17.0	9 675	1995 BN ₄	1999 01	16.09360	06 04	59.35	+38 01	12.3	18.0	704
1995 AK ₁	1989 08	29.35990	22 08	46.41	-27 48	18.1		9 675</									

1995 CL ₁	1999 01	18.35417	07 26 52.02	+14 32 43.1	17.8	704	1995 DW ₂	1999 01	16.53035	13 36 12.67	-08 11 51.2		696
1995 CL ₁	1999 01	18.37635	07 26 50.75	+14 32 53.3	18.5	704	1995 DZ ₃	1998 12	25.99873	02 00 47.05	+36 14 19.0	17.9 V	832
1995 CL ₁	1999 01	18.39839	07 26 49.21	+14 33 03.8	19.1	704	1995 DZ ₃	1998 12	26.06275	02 00 48.05	+36 13 51.6	17.9 V	832
1995 CL ₁	1999 01	20.20856	07 25 05.42	+14 47 50.8		704	1995 DZ ₃	1999 01	04.99954	02 04 53.95	+35 11 05.4	17.9 V	832
1995 CL ₁	1999 01	20.23054	07 25 04.10	+14 48 01.3		704	1995 DZ ₃	1999 01	05.09350	02 04 56.91	+35 10 32.3	17.7 V	832
1995 CL ₁	1999 01	20.25238	07 25 02.79	+14 48 11.9	18.0	704	1995 DZ ₃	1999 01	17.05125	02 13 04.29	+34 12 55.0	17.3 V	832
1995 CL ₁	1999 01	20.29683	07 25 00.16	+14 48 34.0	18.3	704	1995 DZ ₃	1999 01	17.09226	02 13 06.25	+34 12 43.2	16.7 V	832
1995 CT ₁	1999 01	10.10156	05 55 15.52	+18 31 56.9	17.8 R	747	1995 DZ ₃	1999 01	19.97839	02 15 31.41	+34 01 45.0	17.2 V	832
1995 CT ₁	1999 01	10.11447	05 55 14.67	+18 31 50.4	17.3 R	747	1995 DZ ₃	1999 01	20.01972	02 15 33.56	+34 01 35.4	17.6 V	832
1995 CT ₁	1999 01	10.12903	05 55 13.70	+18 31 43.3		747	1995 EP ₁	1998 12	18.65200	05 46 29.09	+41 00 46.7	17.4	327
1995 CT ₁	1999 01	11.07089	05 54 14.06	+18 23 52.6	18.8 R	747	1995 EP ₁	1998 12	18.66462	05 46 28.30	+41 00 46.0		327
1995 CT ₁	1999 01	11.08545	05 54 13.07	+18 23 45.0	18.2 R	747	1995 EP ₁	1998 12	18.67821	05 46 27.32	+41 00 47.2		327
1995 CD ₂	1999 01	08.08018	01 26 58.43	+13 51 16.8	18.4	704	1995 EP ₁	1998 12	21.66987	05 42 57.76	+40 58 21.0	17.6	327
1995 CD ₂	1999 01	08.09176	01 26 58.74	+13 51 16.5	18.4	704	1995 EP ₁	1998 12	21.68230	05 42 56.91	+40 58 19.9		327
1995 CD ₂	1999 01	08.10331	01 26 59.05	+13 51 14.2	18.4	704	1995 EP ₁	1998 12	21.69492	05 42 55.98	+40 58 18.9		327
1995 CD ₂	1999 01	08.11476	01 26 59.51	+13 51 11.9	18.4	704	1995 EP ₁	1999 01	16.07857	05 17 57.65	+39 35 41.2	18.0	704
1995 CD ₂	1999 01	08.12530	01 26 59.95	+13 51 11.8	18.9	704	1995 EP ₁	1999 01	16.10060	05 17 56.77	+39 35 35.2	18.5	704
1995 CD ₂	1999 01	11.08044	01 28 41.82	+13 45 33.3	18.5	704	1995 EP ₁	1999 01	16.12261	05 17 55.58	+39 35 27.0	18.1	704
1995 CD ₂	1999 01	11.09139	01 28 42.13	+13 45 33.2	18.5	704	1995 EP ₁	1999 01	16.14536	05 17 54.79	+39 35 19.9	18.1	704
1995 CD ₂	1999 01	11.10245	01 28 42.54	+13 45 30.2	18.5	704	1995 EY ₇	1999 01	14.13631	06 40 57.98	+10 23 24.1		716
1995 CD ₂	1999 01	11.12438	01 28 43.21	+13 45 30.8	19.5	704	1995 EY ₇	1999 01	14.17223	06 40 56.07	+10 23 28.1		716
1995 CP ₃	1999 01	17.22678	08 17 55.18	+16 08 28.9	20.0 V	691	1995 EY ₇	1999 01	18.20044	06 37 38.82	+10 30 57.8	17.9	704
1995 CP ₃	1999 01	17.24845	08 17 53.94	+16 08 32.8	20.1 V	691	1995 EY ₇	1999 01	18.22249	06 37 37.91	+10 30 59.4	17.9	704
1995 CP ₃	1999 01	17.26998	08 17 52.70	+16 08 37.3	20.2 V	691	1995 EY ₇	1999 01	18.26723	06 37 35.68	+10 31 05.0	18.4	704
1995 DA	1999 01	12.16152	07 01 19.24	+34 12 31.1	16.7 R	758	1995 EY ₇	1999 01	18.28931	06 37 34.54	+10 31 07.8	17.9	704
1995 DA	1999 01	12.16802	07 01 18.79	+34 12 32.1	16.8 R	758	1995 EY ₇	1999 01	20.19203	06 36 07.45	+10 35 14.8	17.7	704
1995 DA	1999 01	12.17338	07 01 18.42	+34 12 32.6	16.7 R	758	1995 EY ₇	1999 01	20.21381	06 36 06.43	+10 35 17.6		704
1995 DA	1999 01	16.20169	06 57 03.55	+34 20 52.8	17.6	704	1995 EY ₇	1999 01	20.23578	06 36 05.42	+10 35 21.0		704
1995 DA	1999 01	16.22366	06 57 02.19	+34 20 54.8		704	1995 EY ₇	1999 01	20.25764	06 36 04.36	+10 35 24.2		704
1995 DA	1999 01	16.24573	06 57 00.75	+34 20 56.6		704	1995 EY ₇	1999 01	20.28019	06 36 03.25	+10 35 27.2	19.2	704
1995 DA	1999 01	16.26768	06 56 59.37	+34 20 58.7		704	1995 EG ₈	1999 01	17.86733	05 19 20.33	+56 06 11.5	18.0 R	113
1995 DA	1999 01	16.28958	06 56 57.90	+34 21 00.8	19.0	704	1995 EG ₈	1999 01	17.89957	05 19 18.68	+56 05 58.2	18.6 R	113
1995 DA	1999 01	18.08770	06 55 09.08	+34 23 45.3	16.2 R	817	1995 EG ₈	1999 01	18.79885	05 18 34.95	+55 59 57.0	18.1 R	113
1995 DA	1999 01	18.09616	06 55 08.56	+34 23 46.3	16.2 R	817	1995 EG ₈	1999 01	18.83171	05 18 33.31	+55 59 43.9	18.0 R	113
1995 DA	1999 01	18.10372	06 55 08.07	+34 23 46.9	16.3 R	817	1995 FY ₂	1999 01	16.09360	05 59 02.19	+38 00 38.8	18.7	704
1995 DA	1999 01	19.19511	06 54 03.68	+34 25 12.4	17.6	704	1995 FY ₂	1999 01	16.11562	05 59 01.18	+38 00 34.8	18.8	704
1995 DA	1999 01	19.21739	06 54 02.23	+34 25 13.6	17.9	704	1995 FY ₂	1999 01	16.13836	05 59 00.13	+38 00 30.8	19.8	704
1995 DA	1999 01	19.23966	06 54 00.95	+34 25 15.3	18.1	704	1995 FY ₂	1999 01	16.16038	05 58 58.78	+38 00 26.2	18.8	704
1995 DA	1999 01	19.28409	06 53 58.18	+34 25 19.2	17.9	704	1995 FY ₂	1999 01	16.18243	05 58 57.76	+38 00 22.3	18.8	704
1995 DA	1999 01	20.06841	06 53 13.05	+34 26 09.8	16.0 R	817	1995 FB ₁₉	1995 03	02.31792	11 32 05.17	+04 57 05.7		691
1995 DA	1999 01	20.07957	06 53 12.39	+34 26 10.3	16.1 R	817	1995 FB ₁₉	1995 03	02.33936	11 32 04.12	+04 57 16.2		691
1995 DA	1999 01	20.08947	06 53 11.81	+34 26 10.7	16.5 R	817	1995 FB ₁₉	1995 03	02.37091	11 32 02.54	+04 57 31.2	18.9 V	691
1995 DC	1999 01	19.42444	09 29 29.37	+23 16 55.8	18.7	704	1995 FW ₁₉	1999 01	19.31662	08 28 16.58	+27 00 53.4	17.1	704
1995 DC	1999 01	19.46820	09 29 27.11	+23 17 07.4	19.0	704	1995 FW ₁₉	1999 01	19.33880	08 28 15.08	+27 00 58.2	17.8	704
1995 DC	1999 01	19.49006	09 29 25.98	+23 17 12.1	19.0	704	1995 FW ₁₉	1999 01	19.38300	08 28 12.35	+27 01 03.9	17.1	704
1995 DC	1999 01	19.51205	09 29 24.83	+23 17 16.9	19.3	704	1995 FW ₁₉	1999 01	19.40503	08 28 10.89	+27 01 08.0	17.3	704
1995 DE	1999 01	15.42449	10 39 19.12	+06 04 30.2	17.3 R	699	1995 GV ₂	1999 01	15.50177	09 48 50.57	+12 29 18.4	19.0 V	691
1995 DE	1999 01	15.45000	10 39 18.67	+06 04 37.9		699	1995 GV ₂	1999 01	15.51969	09 48 49.95	+12 29 22.8	19.0 V	691
1995 DE	1999 01	15.47547	10 39 18.14	+06 04 47.1		699	1995 GV ₂	1999 01	15.53747	09 48 49.37	+12 29 27.9	19.1 V	691
1995 DH	1999 01	23.30522	08 26 46.92	-05 15 28.8	18.1	704	1995 GJ ₇	1999 01	25.95720	10 05 49.29	+25 09 41.0	16.7 V	595
1995 DH	1999 01	23.32708	08 26 45.64	-05 15 08.8		704	1995 GJ ₇	1999 01	25.97707	10 05 48.34	+25 09 46.5		595
1995 DH	1999 01	23.34898	08 26 44.41	-05 14 50.9	18.5	704	1995 GA ₈	1999 01	19.41967	09 16 20.24	+22 57 58.3	18.5	704
1995 DH	1999 01	23.37078	08 26 43.20	-05 14 31.5	19.0	704	1995 GA ₈	1999 01	19.46343	09 16 18.26	+22 58 07.8	18.7	704
1995 DH	1999 01	23.39262	08 26 42.03	-05 14 11.6	18.7	704	1995 GA ₈	1999 01	19.48529	09 16 16.99	+22 58 12.5	18.5	704
1995 DK	1999 01	07.23258	03 55 24.69	+06 28 56.3	18.2	704	1995 GA ₈	1999 01	19.50728	09 16 15.90	+22 58 18.2	18.5	704
1995 DK	1999 01	07.24293	03 55 24.48	+06 29 00.2	18.2	704	1995 HA	1999 01	12.90708	07 14 01.77	+10 07 39.9		557
1995 DK	1999 01	07.25329	03 55 24.18	+06 29 00.3	18.2	704	1995 HA	1999 01	12.90906	07 14 01.66	+10 07 40.5		557
1995 DK	1999 01	13.20108	03 54 13.17	+06 50 15.0	18.2 R	699	1995 HA	1999 01	12.91104	07 14 01.57	+10 07 40.0		557
1995 DK	1999 01	13.22374	03 54 12.87	+06 50 20.0		699	1995 HA	1999 01	17.87831	07 09 58.67	+10 15 33.7	19.3 V	557
1995 DK	1999 01	13.24414	03 54 12.74	+06 50 25.3		699	1995 HA	1999 01	17.88360	07 09 58.37	+10 15 33.4		557
1995 DW	1998 12	15.31427	05 30 18.01	+22 45 27.1	17.8	704	1995 JD	1999 01	18.32341	08 09 37.47	+12 36 38.6	18.0	704
1995 DW	1998 12	15.32911	05 30 17.17	+22 45 27.5	18.6	704	1995 JD	1999 01	18.34606	08 09 36.06	+12 36 39.8	17.7	704
1995 DW	1998 12	15.34393	05 30 16.08	+22 45 27.6	17.9	704	1995 JD	1999 01	18.36926	08 09 34.64	+12 36 43.7	18.0	704
1995 DW	1998 12	15.35867	05 30 15.40	+22 45 27.8	17.9	704	1995 JD	1999 01	18.39120	08 09 33.37	+12 36 46.2	18.5	704
1995 DW	1998 12	22.20557	05 23 47.46	+22 46 36.1	18.6	704	1995 JD	1999 01	18.97145	08 09 00.24	+12 38 08.3	16.5 R	046
1995 DW	1998 12	22.22826	05 23 46.23	+22 46 36.5	18.8	704	1995 JD	1999 01	18.97413	08 09 00.07	+12 38 08.8		046
1995 DW	1998 12	22.25093	05 23 44.96	+22 46 36.9	18.9	704	1995 JD	1999 01	18.97653	08 08 59.93	+12 38 09.2		046
1995 DW	1998 12	22.27378	05 23 43.65	+22 46 37.2	18.6	704	1995 JD	1999 01	20.10442	08 07 54.65	+12 40 54.9		046
1995 DX	1999 01	10.39050	08 23 22.59	+11 55 50.2	17.8 R	699	1995 JD	1999 01	20.10609	08 07 54.53	+12 40 54.9		046
1995 DX	1999 01	10.41603	08 23 21.30	+11 55 59.2		699	1995 JD	1999 01					

1995 VK ₁₉	1995 12 06.87455	10 07 05.06	+10 57 08.4		327	1996 CY ₂	1999 01 19.25840	06 40 10.59	+24 00 21.9	18.2	704
1995 VK ₁₉	1995 12 06.89023	10 07 05.42	+10 57 03.4		327	1996 CY ₂	1999 01 19.28062	06 40 09.15	+24 00 24.9	18.8	704
1995 VK ₁₉	1995 12 06.90619	10 07 05.94	+10 56 57.5	18.8 V	327	1996 CZ ₂	1999 01 16.09155	05 49 57.45	+32 30 52.5	18.4	704
1995 WS ₇	1999 01 07.07721	01 35 48.67	+09 03 11.1	19.3 V	691	1996 CZ ₂	1999 01 16.11358	05 49 56.37	+32 30 52.3	18.7	704
1995 WS ₇	1999 01 07.09831	01 35 49.58	+09 03 17.5	19.4 V	691	1996 CZ ₂	1999 01 16.15834	05 49 53.51	+32 30 48.3	19.0	704
1995 WS ₇	1999 01 07.11958	01 35 50.53	+09 03 24.0	19.2 V	691	1996 CL ₇	1999 01 16.18039	05 49 52.40	+32 30 43.9	19.0	704
1995 WS ₇	1999 01 15.16145	01 42 39.08	+09 47 40.3	18.9 V	691	1996 CL ₇	1999 01 08.18425	03 10 39.87	+33 26 15.5	17.8	704
1995 WS ₇	1999 01 15.20368	01 42 41.45	+09 47 55.6	18.7 V	691	1996 CL ₇	1999 01 08.20716	03 10 40.57	+33 26 06.3	17.8	704
1995 WP ₈	1999 01 06.12822	02 03 37.83	+12 40 07.7	18.0 R	699	1996 CL ₇	1999 01 08.21900	03 10 40.56	+33 25 58.8	18.1	704
1995 WP ₈	1999 01 06.14859	02 03 38.78	+12 40 15.1		699	1996 CL ₇	1999 01 08.23056	03 10 40.89	+33 25 57.1	18.1	704
1995 WP ₈	1999 01 06.16899	02 03 39.77	+12 40 24.2		699	1996 CL ₇	1999 01 14.13222	03 14 04.87	+32 52 53.3	18.0 R	699
1995 WP ₈	1999 01 08.13245	02 05 20.68	+12 54 28.5	18.5	704	1996 CL ₇	1999 01 14.15251	03 14 05.69	+32 52 48.1		699
1995 WP ₈	1999 01 08.14340	02 05 21.28	+12 54 32.9	18.5	704	1996 CL ₇	1999 01 14.16779	03 14 06.29	+32 52 44.2		699
1995 WP ₈	1999 01 08.15515	02 05 21.90	+12 54 38.2	18.7	704	1996 CW ₇	1999 01 14.25929	08 24 30.42	+18 27 27.6	18.4 V	691
1995 WP ₈	1999 01 08.16692	02 05 22.62	+12 54 43.2	19.0	704	1996 CW ₇	1999 01 14.28149	08 24 28.97	+18 27 35.1	18.4 V	691
1995 WP ₈	1999 01 08.17770	02 05 23.12	+12 54 46.4	18.9	704	1996 CW ₇	1999 01 14.30382	08 24 27.51	+18 27 42.6	18.4 V	691
1995 WP ₈	1999 01 11.13204	02 08 05.05	+13 16 21.2	18.7	704	1996 CW ₇	1999 01 19.02199	08 19 20.49	+18 54 06.6	18.1 V	104
1995 WP ₈	1999 01 11.14264	02 08 05.67	+13 16 28.2	18.7	704	1996 CW ₇	1999 01 19.03131	08 19 19.86	+18 54 09.6		104
1995 WP ₈	1999 01 11.16372	02 08 06.61	+13 16 38.2	19.1	704	1996 CW ₇	1999 01 19.94068	08 18 19.62	+18 59 15.6		108
1995 WP ₈	1999 01 11.17421	02 08 07.24	+13 16 40.0	19.0	704	1996 CW ₇	1999 01 19.94696	08 18 19.19	+18 59 17.8		108
1995 YH ₁	1999 01 08.12710	01 34 55.81	+13 01 40.7	18.6	704	1996 CW ₇	1999 01 19.95263	08 18 18.81	+18 59 18.6		108
1995 YH ₁	1999 01 08.13763	01 34 56.43	+13 01 42.8	18.6	704	1996 CW ₇	1999 01 19.96333	08 18 18.10	+18 59 24.4	17.8 V	108
1995 YH ₁	1999 01 08.14906	01 34 57.35	+13 01 47.0	18.8	704	1996 CW ₇	1999 01 19.97148	08 18 17.44	+18 59 27.2		104
1995 YH ₁	1999 01 08.16076	01 34 58.01	+13 01 51.3	19.3	704	1996 CW ₇	1999 01 19.98113	08 18 16.79	+18 59 30.7		104
1995 YH ₁	1999 01 08.17221	01 34 58.91	+13 01 53.0	18.7	704	1996 CW ₇	1999 01 20.31423	08 17 54.62	+19 01 23.9	18.9	704
1995 YX ₁	1999 01 15.08879	01 35 27.98	+09 20 43.7	19.1 V	691	1996 CW ₇	1999 01 20.33630	08 17 53.02	+19 01 32.8	18.3	704
1995 YX ₁	1999 01 15.10984	01 35 29.31	+09 20 50.7	19.1 V	691	1996 CW ₇	1999 01 20.35838	08 17 51.53	+19 01 40.5	19.1	704
1995 YX ₁	1999 01 15.13083	01 35 30.59	+09 20 57.9	19.0 V	691	1996 CW ₇	1999 01 20.40370	08 17 48.39	+19 01 53.7	19.1	704
1995 YM ₃	1999 01 18.08705	05 29 27.12	+20 16 41.9	18.2	704	1996 CW ₇	1999 01 20.84781	08 17 18.95	+19 04 26.8		108
1995 YM ₃	1999 01 18.10903	05 29 26.26	+20 16 46.4	18.2	704	1996 CW ₇	1999 01 20.86590	08 17 17.75	+19 04 29.6	18.0 V	108
1995 YM ₃	1999 01 18.13101	05 29 25.43	+20 16 51.2	18.2	704	1996 CG ₉	1999 01 10.22991	03 22 13.92	+09 37 42.7	17.3 R	699
1995 YM ₃	1999 01 18.15308	05 29 24.47	+20 16 54.6	18.1	704	1996 CG ₉	1999 01 10.25539	03 22 14.35	+09 37 46.6		699
1995 YM ₃	1999 01 18.17529	05 29 23.50	+20 16 58.7	18.1	704	1996 CG ₉	1999 01 10.28093	03 22 14.82	+09 37 52.6		699
1996 AA	1999 01 05.08172	01 16 01.45	+14 53 28.8	18.8 R	699	1996 CG ₉	1999 01 15.09410	03 24 11.69	+09 55 29.5	17.6 R	699
1996 AA	1999 01 05.10211	01 16 02.35	+14 53 30.6		699	1996 CG ₉	1999 01 15.12463	03 24 12.44	+09 55 36.8		699
1996 AA	1999 01 05.12248	01 16 03.41	+14 53 32.8		699	1996 CG ₉	1999 01 15.13230	03 24 12.60	+09 55 38.3		699
1996 AP ₃	1999 01 08.07697	01 07 58.26	+13 18 02.4	17.6	704	1996 CK ₉	1998 12 29.65919	08 05 05.22	+13 31 38.2		327
1996 AP ₃	1999 01 08.08814	01 07 59.14	+13 18 05.7		704	1996 CK ₉	1998 12 29.67186	08 05 04.52	+13 31 41.1	18.0	327
1996 AP ₃	1999 01 08.09987	01 08 00.14	+13 18 08.2	18.1	704	1996 CK ₉	1998 12 29.68456	08 05 03.83	+13 31 44.0		327
1996 AP ₃	1999 01 08.11117	01 08 01.13	+13 18 10.6	18.8	704	1996 CK ₉	1998 12 29.69725	08 05 03.11	+13 31 46.3		327
1996 AP ₃	1999 01 08.12208	01 08 02.10	+13 18 13.4	18.7	704	1996 CK ₉	1999 01 05.85275	07 58 14.01	+13 58 58.3	18.0	120
1996 AB ₄	1999 01 11.13454	02 20 20.79	+11 33 58.7	19.0	704	1996 CK ₉	1999 01 05.87325	07 58 12.79	+13 59 03.8		120
1996 AB ₄	1999 01 11.14513	02 20 21.40	+11 34 00.8	19.0	704	1996 CK ₉	1999 01 06.88098	07 57 11.56	+14 03 18.6	18.0	120
1996 AB ₄	1999 01 11.15572	02 20 22.03	+11 34 03.1	19.2	704	1996 CK ₉	1999 01 11.69824	07 52 10.27	+14 24 47.7		327
1996 AH ₆	1999 01 07.07665	01 35 00.47	+09 02 21.2	20.1 V	691	1996 CK ₉	1999 01 11.71823	07 52 08.91	+14 24 51.4		327
1996 AH ₆	1999 01 07.11904	01 35 03.42	+09 02 43.5	20.8 V	691	1996 CK ₉	1999 01 11.73785	07 52 07.64	+14 24 56.8		327
1996 BA	1999 01 16.19471	06 34 09.93	+28 29 10.5	18.8	704	1996 CK ₉	1999 01 14.90826	07 48 45.04	+14 39 55.6	17.5	120
1996 BA	1999 01 16.21666	06 34 08.43	+28 29 06.8	18.4	704	1996 CK ₉	1999 01 15.79482	07 47 48.30	+14 44 12.7	18.0	120
1996 BA	1999 01 16.23864	06 34 07.00	+28 29 05.6	18.7	704	1996 CK ₉	1999 01 15.82285	07 47 46.41	+14 44 20.2		120
1996 BA	1999 01 16.26072	06 34 05.52	+28 29 02.7	18.9	704	1996 CK ₉	1999 01 18.31442	07 45 06.36	+14 56 35.6	18.1	704
1996 BA	1999 01 18.89412	06 31 19.43	+28 23 11.3	17.3 R	046	1996 CK ₉	1999 01 18.33709	07 45 04.84	+14 56 40.4	19.1	704
1996 BA	1999 01 18.89601	06 31 19.32	+28 23 11.1		046	1996 CK ₉	1999 01 18.36015	07 45 03.31	+14 56 49.7	17.9	704
1996 BA	1999 01 18.89810	06 31 19.20	+28 23 10.7		046	1996 CK ₉	1999 01 18.40428	07 45 00.31	+14 57 03.8	18.4	704
1996 BA	1999 01 19.18957	06 31 01.53	+28 22 29.8	18.7	704	1996 CK ₉	1999 01 20.30494	07 42 59.49	+15 06 31.1	18.3	704
1996 BA	1999 01 19.21185	06 31 00.15	+28 22 26.9	19.1	704	1996 CK ₉	1999 01 20.32703	07 42 58.04	+15 06 37.7		704
1996 BA	1999 01 19.25635	06 30 57.37	+28 22 21.7	18.6	704	1996 CK ₉	1999 01 20.37151	07 42 55.04	+15 06 50.8	19.3	704
1996 BA	1999 01 19.27852	06 30 56.00	+28 22 17.5	18.8	704	1996 CK ₉	1999 01 20.39446	07 42 53.78	+15 07 00.1	19.3	704
1996 BA	1999 01 19.96226	06 30 15.05	+28 20 40.1	17.4 R	046	1996 DC	1999 01 20.21468	06 39 40.24	+18 09 32.6	16.6	704
1996 BA	1999 01 19.96446	06 30 14.89	+28 20 39.5		046	1996 DC	1999 01 20.23664	06 39 38.93	+18 09 38.4	16.7	704
1996 BA	1999 01 19.96696	06 30 14.77	+28 20 39.9		046	1996 DC	1999 01 20.25851	06 39 37.60	+18 09 44.7	16.6	704
1996 BB	1998 10 20.11676	21 14 55.05	-24 24 26.6	19.2 V	689	1996 DC	1999 01 20.28107	06 39 36.33	+18 09 49.4	17.9	704
1996 BR ₁	1999 01 09.10864	06 26 35.19	+22 48 22.4	16.9	732	1996 DD	1999 01 19.41144	08 51 05.83	+21 40 05.7	17.5	704
1996 BR ₁	1999 01 09.11587	06 26 34.59	+22 48 24.0	17.1	732	1996 DD	1999 01 19.43330	08 51 04.31	+21 40 10.6	18.1	704
1996 BR ₁	1999 01 09.12455	06 26 34.04	+22 48 25.5	17.1	732	1996 DD	1999 01 19.45519	08 51 02.67	+21 40 15.7	18.1	704
1996 BR ₁	1999 01 10.14241	06 25 24.11	+22 51 53.6	17.3	I 732	1996 DD	1999 01 19.47704	08 51 01.38	+21 40 23.9	17.3	704
1996 BR ₁	1999 01 11.24628	06 24 08.58	+22 55 39.4	17.2	732	1996 DD	1999 01 19.49904	08 50 59.84	+21 40 31.3	18.0	704
1996 BR ₁	1999 01 11.25546	06 24 07.89	+22 55 41.0	17.7	732	1996 DE	1998 11 01.37382	04 13 24.42	+04 57 28.7	16.9 V	689
1996 BD ₂	1999 01 06.82574	06 43 47.64	+26 04 30.0	18.1 V	596	1996 DG	1999 01 20.11758	06 19 56.93	+25 53 19.6	20.6	732
1996 BD ₂	1999 01 06.84219	06 43 46.23	+26 04 31.7		596	1996 DG	1999 01 20.12843	06 19 56.50	+25 53 17.7	21.5	I 732
1996 BD ₂	1999 01 06.85249	06 43 45.54	+26 04 34.8		596	1996 DG	1999 01 21.11817	06 19 03.04	+25 54 40.9	22.6	732
1996 BE ₂	1999 01 06.19657	03 09 20.75	+15 14 15.7	17.4 R	699	1996 DG	1999 01 21.12280	06 19 02.87	+25 54 39.5	24.3	732
1996 BE ₂	1999 01 06.22301	03 09 20.70	+15 14 21.1		699	1996 DW	1999 01 16.08878	05 42 57.89	+34 58 29.8	18.8	704
1996 BE ₂											

1996 ED ₂	1999 01	13.25179	04 06 48.18	+03 58 45.9		699	1996 GP ₂	1999 01	10.29252	08 32 43.19	+19 29 15.5	16.9	725
1996 EE ₂	1999 01	19.19197	07 58 26.78	+13 51 04.2	18.4	704	1996 GP ₂	1999 01	16.33340	08 26 57.08	+20 06 02.2	17.0	725
1996 EE ₂	1999 01	19.21424	07 58 25.24	+13 51 10.5		704	1996 GP ₂	1999 01	16.37484	08 26 54.50	+20 06 17.3	17.1	725
1996 EE ₂	1999 01	19.23651	07 58 23.75	+13 51 16.2	18.6	704	1996 GP ₂	1999 01	19.31267	08 23 55.35	+20 24 28.9	17.5	704
1996 EE ₂	1999 01	22.61230	07 54 45.10	+14 07 12.2	17.1 R	426	1996 GP ₂	1999 01	19.33487	08 23 53.78	+20 24 37.4		704
1996 EE ₂	1999 01	22.62539	07 54 44.23	+14 07 16.4	17.2 R	426	1996 GP ₂	1999 01	19.37907	08 23 50.95	+20 24 54.1	17.0	704
1996 EE ₂	1999 01	22.63808	07 54 43.38	+14 07 20.1	17.2 R	426	1996 GP ₂	1999 01	19.40111	08 23 49.53	+20 25 01.8	17.3	704
1996 EE ₂	1999 01	23.57041	07 53 44.04	+14 11 47.1	17.6 R	426	1996 GZ ₂	1999 01	16.08995	05 43 50.74	+27 30 12.4	18.9	704
1996 EE ₂	1999 01	23.58593	07 53 43.01	+14 11 51.6	17.6 R	426	1996 GZ ₂	1999 01	16.11197	05 43 49.73	+27 30 10.9	18.9	704
1996 EE ₂	1999 01	23.60146	07 53 42.02	+14 11 56.2	17.7 R	426	1996 GZ ₂	1999 01	16.13471	05 43 48.50	+27 30 08.5	18.6	704
1996 EH ₂	1999 01	18.09270	05 53 36.34	+21 35 26.9	17.9	704	1996 GZ ₂	1999 01	16.15673	05 43 47.38	+27 30 08.9	19.0	704
1996 EH ₂	1999 01	18.11470	05 53 35.37	+21 35 27.2	18.6	704	1996 GZ ₂	1999 01	16.17878	05 43 45.98	+27 30 04.8	19.4	704
1996 EH ₂	1999 01	18.13668	05 53 34.07	+21 35 23.0	18.2	704	1996 GZ ₂	1999 01	19.10160	05 41 21.03	+27 26 40.2	18.7	704
1996 EH ₂	1999 01	18.15900	05 53 32.99	+21 35 18.8	18.2	704	1996 GZ ₂	1999 01	19.12363	05 41 20.00	+27 26 38.2	18.7	704
1996 EH ₂	1999 01	20.10829	05 51 58.59	+21 31 50.8	16.0	704	1996 GZ ₂	1999 01	19.14557	05 41 18.98	+27 26 39.6	18.4	704
1996 EH ₂	1999 01	20.13018	05 51 57.48	+21 31 48.9	16.8	704	1996 GZ ₂	1999 01	19.16754	05 41 17.95	+27 26 36.4	18.4	704
1996 EH ₂	1999 01	20.15255	05 51 56.35	+21 31 46.7	16.6	704	1996 GG ₅	1999 01	19.43823	09 09 26.74	+22 56 31.7	19.1	704
1996 EH ₂	1999 01	20.17445	05 51 55.47	+21 31 43.2	16.6	704	1996 GG ₅	1999 01	19.46011	09 09 25.34	+22 56 40.3	18.9	704
1996 EU ₃	1999 01	16.19675	06 41 17.76	+34 50 09.1	17.7	704	1996 GG ₅	1999 01	19.48196	09 09 24.07	+22 56 47.4	18.4	704
1996 EU ₃	1999 01	16.21871	06 41 16.21	+34 50 06.9	18.2	704	1996 GG ₅	1999 01	19.50395	09 09 22.72	+22 56 56.4	18.7	704
1996 EU ₃	1999 01	16.24069	06 41 14.68	+34 50 04.3		704	1996 GN ₁₉	1999 01	21.11113	12 07 26.85	-04 40 55.3	18.5	120
1996 EU ₃	1999 01	16.26276	06 41 13.20	+34 50 02.0	18.8	704	1996 GN ₁₉	1999 01	21.14034	12 07 27.14	-04 40 57.4		120
1996 EO ₁₂	1999 01	17.33168	08 55 18.50	+16 50 46.1	18.5 V	691	1996 GN ₁₉	1999 01	22.16029	12 07 38.17	-04 42 26.0		120
1996 EO ₁₂	1999 01	17.35358	08 55 16.85	+16 50 47.0	18.4 V	691	1996 GO ₂₀	1999 01	07.15142	02 38 33.42	+12 37 09.8	18.4 R	699
1996 EO ₁₂	1999 01	18.43758	08 53 56.61	+16 51 38.8	19.1	704	1996 GO ₂₀	1999 01	07.16671	02 38 33.72	+12 37 12.0		699
1996 EO ₁₂	1999 01	18.45964	08 53 55.00	+16 51 37.9	19.2	704	1996 GO ₂₀	1999 01	07.18200	02 38 34.05	+12 37 13.3		699
1996 EO ₁₂	1999 01	18.50396	08 53 51.44	+16 51 39.7	19.5	704	1996 GR ₂₀	1999 01	13.10765	01 58 13.83	+10 09 17.6	20.5 V	691
1996 ER ₁₂	1999 01	20.20710	07 21 58.14	+16 59 58.5	18.6	704	1996 GR ₂₀	1999 01	13.13932	01 58 14.39	+10 09 22.8	20.2 V	691
1996 ER ₁₂	1999 01	20.22905	07 21 56.68	+16 59 59.2	18.5	704	1996 GR ₂₀	1999 01	13.17160	01 58 15.03	+10 09 27.9	20.2 V	691
1996 ER ₁₂	1999 01	20.25091	07 21 55.04	+17 00 03.6	19.0	704	1996 GV ₂₀	1999 01	15.37331	08 28 31.50	+19 25 18.6	17.6 V	691
1996 ER ₁₂	1999 01	20.27343	07 21 53.57	+17 00 03.9	18.6	704	1996 GV ₂₀	1999 01	15.40460	08 28 29.50	+19 25 26.3	17.6 V	691
1996 FM ₁	1999 01	20.21527	06 36 20.04	+22 51 58.2	17.9	704	1996 GV ₂₀	1999 01	15.42668	08 28 28.10	+19 25 31.0	17.5 V	691
1996 FM ₁	1999 01	20.23723	06 36 18.73	+22 51 56.0	17.4	704	1996 GV ₂₀	1999 01	19.31267	08 24 24.32	+19 40 38.3	17.4	704
1996 FM ₁	1999 01	20.25909	06 36 17.41	+22 51 51.7	17.1	704	1996 GV ₂₀	1999 01	19.33487	08 24 22.82	+19 40 44.1	17.1	704
1996 FM ₁	1999 01	20.28166	06 36 16.10	+22 51 47.4	17.9	704	1996 GV ₂₀	1999 01	19.37907	08 24 19.79	+19 40 55.3	16.9	704
1996 FG ₃	1999 01	05.78655	04 16 09.39	+24 45 30.9	15.6 R	151	1996 GV ₂₀	1999 01	19.40111	08 24 18.24	+19 41 02.0	18.0	704
1996 FG ₃	1999 01	05.79391	04 16 09.55	+24 45 26.9	16.2 R	151	1996 HO	1999 01	19.42082	09 34 34.37	+16 23 25.3	17.5	704
1996 FG ₃	1999 01	08.24498	04 17 25.07	+24 24 15.4	17.6	704	1996 HO	1999 01	19.44273	09 34 33.13	+16 23 36.9	18.2	704
1996 FG ₃	1999 01	08.25762	04 17 25.26	+24 24 09.9	17.6	704	1996 HO	1999 01	19.46459	09 34 32.29	+16 23 48.3	18.0	704
1996 FG ₃	1999 01	08.27207	04 17 25.75	+24 24 00.9	17.7	704	1996 HO	1999 01	19.48645	09 34 31.26	+16 23 57.6	18.0	704
1996 FG ₃	1999 01	08.28663	04 17 26.04	+24 23 52.6	17.7	704	1996 HO	1999 01	19.50843	09 34 29.97	+16 24 07.6	19.0	704
1996 FG ₃	1999 01	08.29913	04 17 26.40	+24 23 47.3	17.7	704	1996 HT	1999 01	16.19994	06 48 15.94	+23 08 27.6	17.7	704
1996 FG ₃	1999 01	17.01568	04 24 11.64	+23 31 46.6	17.7 V	726	1996 HT	1999 01	16.22191	06 48 14.62	+23 08 25.8	17.9	704
1996 FG ₃	1999 01	17.06711	04 24 14.20	+23 31 35.0	18.0 V	726	1996 HT	1999 01	16.26593	06 48 11.75	+23 08 26.4	17.8	704
1996 FG ₃	1999 01	17.83168	04 24 57.51	+23 28 25.3		118	1996 HT	1999 01	17.11008	06 47 20.87	+23 08 02.8	16.2 V	682
1996 FG ₃	1999 01	17.83730	04 24 57.76	+23 28 23.5		118	1996 HT	1999 01	17.15290	06 47 18.23	+23 08 03.3	16.5 V	682
1996 FG ₃	1999 01	20.08608	04 27 14.48	+23 20 08.0	18.6 V	726	1996 HT	1999 01	19.19642	06 45 17.56	+23 07 02.6		704
1996 FG ₃	1999 01	20.12626	04 27 16.67	+23 20 00.3	18.7 V	726	1996 HT	1999 01	19.21870	06 45 16.26	+23 07 02.1	17.8	704
1996 FP ₃	1999 01	13.39437	10 41 10.57	+10 45 42.2		684	1996 HT	1999 01	19.24097	06 45 14.86	+23 07 01.5	18.2	704
1996 FP ₃	1999 01	13.41793	10 41 10.40	+10 45 49.3	18.9 R	684	1996 HT	1999 01	19.26320	06 45 13.57	+23 07 00.3	17.8	704
1996 FP ₃	1999 01	14.36865	10 41 03.40	+10 50 24.5	18.6 R	684	1996 HT	1999 01	19.28540	06 45 12.08	+23 07 00.8	18.7	704
1996 FP ₃	1999 01	14.38637	10 41 03.22	+10 50 29.2		684	1996 HT	1999 01	22.11691	06 42 33.45	+23 05 19.8	16.8 V	682
1996 FJ ₅	1999 01	14.12713	02 53 16.23	+36 07 23.0	16.2 R	699	1996 HT	1999 01	22.16354	06 42 30.97	+23 05 17.8	15.6 V	682
1996 FJ ₅	1999 01	14.14743	02 53 16.84	+36 07 20.7		699	1996 HC ₁	1999 01	06.18891	02 44 39.76	+18 38 29.9	16.7 R	699
1996 FJ ₅	1999 01	14.16270	02 53 17.25	+36 07 18.9		699	1996 HC ₁	1999 01	06.21538	02 44 39.80	+18 38 36.0		699
1996 FL ₅	1999 01	16.20896	07 15 32.56	+34 39 23.9	18.0	704	1996 HC ₁	1999 01	06.23692	02 44 39.90	+18 38 41.3		699
1996 FL ₅	1999 01	16.23092	07 15 30.93	+34 39 25.3		704	1996 HM ₁	1999 01	13.61198	05 52 30.43	+27 05 27.4		360
1996 FL ₅	1999 01	16.25301	07 15 29.21	+34 39 29.0		704	1996 HM ₁	1999 01	13.61615	05 52 30.21	+27 05 26.9		360
1996 FL ₅	1999 01	16.27493	07 15 27.41	+34 39 30.8		704	1996 HM ₁	1999 01	22.60833	05 46 37.56	+26 51 00.1	19.2 V	360
1996 FL ₅	1999 01	19.20106	07 11 47.44	+34 43 50.1		704	1996 HM ₁	1999 01	22.61354	05 46 37.41	+26 50 59.7		360
1996 FL ₅	1999 01	19.22348	07 11 45.78	+34 43 52.4		704	1996 HE ₂	1999 01	17.08559	01 56 32.30	+07 02 24.1	18.0 R	699
1996 FL ₅	1999 01	19.24562	07 11 44.06	+34 43 53.2		704	1996 HE ₂	1999 01	17.10087	01 56 32.54	+07 02 29.7		699
1996 FL ₅	1999 01	19.26790	07 11 42.33	+34 43 54.8		704	1996 HE ₂	1999 01	17.11615	01 56 33.03	+07 02 34.0		699
1996 FL ₅	1999 01	19.29004	07 11 40.66	+34 43 57.4	18.7	704	1996 HT ₂	1999 01	22.20789	08 02 54.27	-00 09 02.6	18.5	704
1996 FJ ₉	1999 01	10.00086	08 50 10.74	+14 01 38.8	18.0	120	1996 HT ₂	1999 01	22.23095	08 02 53.08	-00 08 57.8	18.1	704
1996 FJ ₉	1999 01	10.04587	08 50 08.21	+14 01 48.5		120	1996 HT ₂	1999 01	22.25269	08 02 51.79	-00 08 52.4	17.8	704
1996 FJ ₉	1999 01	14.01574	08 46 27.39	+14 16 12.1	18.0	120	1996 HT ₂	1999 01	22.29666	08 02 49.12	-00 08 43.1	18.8	704
1996 FJ ₉	1999 01	14.03786	08 46 26.06	+14 16 17.3		120	1996 HT ₂	1999 01	23.23222	08 01 55.12	-00 04 54.7	18.3	704
1996 FJ ₉													

1996 HP ₂₃	1999 01	19.36385	08 40 57.58	+29 31 37.6	18.1	704	1996 NS	1999 01	15.95782	07 29 28.49	+16 16 22.5	552
1996 HP ₂₃	1999 01	19.38590	08 40 56.13	+29 31 46.8	17.5	704	1996 NS	1999 01	21.91810	07 24 32.68	+16 40 58.8	18.5 V 552
1996 HP ₂₃	1999 01	19.40793	08 40 54.75	+29 31 54.4	17.9	704	1996 NS	1999 01	21.93167	07 24 32.14	+16 41 01.9	552
1996 HW ₂₃	1999 01	16.19441	06 39 33.25	+30 25 34.5	18.3	704	1996 NS	1999 01	24.78632	07 22 15.63	+16 52 54.2	18.5 V 552
1996 HW ₂₃	1999 01	16.21638	06 39 31.88	+30 25 39.9	18.8	704	1996 NS	1999 01	24.79789	07 22 15.09	+16 52 57.6	552
1996 HW ₂₃	1999 01	16.23835	06 39 30.49	+30 25 44.7	19.2	704	1996 NS	1999 01	24.81300	07 22 14.43	+16 53 01.2	16.4 R 552
1996 HW ₂₃	1999 01	19.18927	06 36 37.00	+30 35 00.3	18.1	704	1996 NX	1999 01	17.31946	09 21 33.87	+00 08 01.6	699
1996 HW ₂₃	1999 01	19.21155	06 36 35.66	+30 35 05.6	18.2	704	1996 NX	1999 01	17.33730	09 21 32.95	+00 07 58.3	699
1996 HW ₂₃	1999 01	19.23382	06 36 34.36	+30 35 10.7	18.8	704	1996 NX	1999 01	17.35513	09 21 32.04	+00 07 54.5	699
1996 HW ₂₃	1999 01	19.25606	06 36 33.07	+30 35 14.7	19.1	704	1996 NX	1999 01	18.60619	09 20 29.37	+00 03 48.9	16.5 V 886
1996 HW ₂₃	1999 01	19.27822	06 36 31.64	+30 35 18.3	18.9	704	1996 NX	1999 01	18.62299	09 20 28.46	+00 03 45.5	886
1996 HD ₂₄	1999 01	15.36793	09 27 58.21	+05 53 31.6	18.4 R	699	1996 NX	1999 01	22.64515	09 16 55.47	-00 07 26.1	16.1 V 385
1996 HD ₂₄	1999 01	15.39345	09 27 57.08	+05 53 34.7		699	1996 NX	1999 01	22.65542	09 16 54.89	-00 07 27.5	385
1996 HD ₂₄	1999 01	18.44611	09 25 38.50	+06 01 13.2	19.1	704	1996 NU ₁	1999 01	18.44067	10 39 34.18	+04 02 29.7	16.5
1996 HD ₂₄	1999 01	18.46822	09 25 37.59	+06 01 18.0	19.1	704	1996 NU ₁	1999 01	18.46280	10 39 33.56	+04 02 27.4	16.5
1996 HD ₂₄	1999 01	18.49045	09 25 36.68	+06 01 22.6	19.1	704	1996 NU ₁	1999 01	18.50705	10 39 32.26	+04 02 23.9	16.3
1996 HN ₂₄	1999 01	15.77039	10 55 29.09	+16 06 42.3	18.5	411	1996 OQ ₁	1999 01	15.03247	10 43 42.06	+07 48 15.5	18.6 V 910
1996 HN ₂₄	1999 01	15.78935	10 55 29.14	+16 06 47.9		411	1996 OQ ₁	1999 01	15.05751	10 43 41.60	+07 48 17.6	18.7 V 910
1996 HN ₂₄	1999 01	16.58447	10 55 30.10	+16 10 51.0		411	1996 OQ ₁	1999 01	15.08089	10 43 41.22	+07 48 19.5	18.7 V 910
1996 HN ₂₄	1999 01	16.59174	10 55 30.11	+16 10 53.6		411	1996 OQ ₁	1999 01	15.12214	10 43 40.49	+07 48 22.4	18.7 V 910
1996 JF	1999 01	17.52083	09 04 47.48	+25 03 55.9	16.8 V	367	1996 OQ ₁	1999 01	15.14683	10 43 40.05	+07 48 24.3	18.7 V 910
1996 JF	1999 01	17.52500	09 04 47.26	+25 03 57.7		367	1996 OQ ₁	1999 01	15.17818	10 43 39.50	+07 48 26.4	18.7 V 910
1996 JF	1999 01	17.52917	09 04 47.00	+25 03 59.7		367	1996 OQ ₁	1999 01	19.10882	10 42 24.23	+07 54 23.4	18.6 V 910
1996 JF	1999 01	17.70173	09 04 37.21	+25 05 17.1	16.9 V	402	1996 OQ ₁	1999 01	19.13176	10 42 23.70	+07 54 25.8	18.7 V 910
1996 JF	1999 01	17.70311	09 04 37.12	+25 05 17.7		402	1996 OQ ₁	1999 01	19.15512	10 42 23.16	+07 54 28.4	18.7 V 910
1996 JF	1999 01	17.70450	09 04 37.04	+25 05 18.3		402	1996 PF ₁	1999 01	16.09959	06 08 45.18	+30 01 09.6	19.2
1996 JF	1999 01	18.54445	09 03 51.27	+25 11 29.7	16.8 V	367	1996 PF ₁	1999 01	16.12159	06 08 44.14	+30 01 09.7	19.0
1996 JF	1999 01	18.54861	09 03 51.04	+25 11 31.8		367	1996 PF ₁	1999 01	16.14433	06 08 43.10	+30 01 08.1	19.0
1996 JF	1999 01	18.55278	09 03 50.81	+25 11 33.5		367	1996 PF ₁	1999 01	16.16635	06 08 41.94	+30 01 09.9	19.9
1996 JF	1999 01	18.68035	09 03 43.35	+25 12 30.6	16.7 V	402	1996 PR ₁	1999 01	09.42053	08 37 19.67	+18 02 31.6	19.8 V 691
1996 JF	1999 01	18.68175	09 03 43.25	+25 12 31.3		402	1996 PR ₁	1999 01	09.44657	08 37 18.52	+18 02 35.9	19.8 V 691
1996 JF	1999 01	18.68314	09 03 43.16	+25 12 32.0		402	1996 PR ₁	1999 01	09.47697	08 37 17.16	+18 02 40.8	19.6 V 691
1996 JF	1999 01	19.41664	09 03 01.70	+25 17 56.8	17.9	704	1996 PM ₄	1999 01	16.09024	05 40 22.39	+25 06 43.3	18.6
1996 JF	1999 01	19.43852	09 03 00.33	+25 18 06.2	17.9	704	1996 PM ₄	1999 01	16.11226	05 40 21.39	+25 06 44.2	18.0
1996 JF	1999 01	19.46040	09 02 59.12	+25 18 15.3	17.9	704	1996 PM ₄	1999 01	16.13500	05 40 20.39	+25 06 43.3	18.0
1996 JF	1999 01	19.48226	09 02 57.85	+25 18 25.4	17.7	704	1996 PM ₄	1999 01	16.15702	05 40 19.39	+25 06 43.8	18.5
1996 JF	1999 01	19.50423	09 02 56.48	+25 18 34.9	18.1	704	1996 PM ₄	1999 01	16.17907	05 40 18.72	+25 06 41.9	18.5
1996 JN	1999 01	19.78910	10 40 07.11	+15 35 41.2	16.5	411	1996 PF ₅	1999 01	15.34620	09 49 36.18	+06 21 38.1	18.8 R 699
1996 JN	1999 01	19.80811	10 40 06.79	+15 35 48.7		411	1996 PF ₅	1999 01	15.37176	09 49 35.25	+06 21 34.5	699
1996 JN	1999 01	20.60619	10 39 54.49	+15 40 47.0		411	1996 PF ₅	1999 01	15.39728	09 49 34.20	+06 21 29.1	699
1996 JN	1999 01	20.61891	10 39 54.24	+15 40 52.3		411	1996 PJ ₅	1999 01	19.12483	09 41 33.33	+19 39 03.6	18.4 V 104
1996 JO	1999 01	06.13203	02 27 28.47	+11 32 38.6	18.4 R	699	1996 PJ ₅	1999 01	19.15056	09 41 32.11	+19 39 06.7	104
1996 JO	1999 01	06.15242	02 27 28.65	+11 32 39.5		699	1996 PJ ₅	1999 01	19.42676	09 41 20.03	+19 39 38.7	18.2
1996 JO	1999 01	06.17282	02 27 28.94	+11 32 39.5		699	1996 PJ ₅	1999 01	19.44867	09 41 19.08	+19 39 42.0	18.5
1996 JV	1999 01	05.92701	08 23 44.20	+18 33 52.1	17.7	120	1996 PJ ₅	1999 01	19.47052	09 41 18.01	+19 39 42.2	19.1
1996 JV	1999 01	05.95549	08 23 42.61	+18 34 09.7		120	1996 PJ ₅	1999 01	19.49239	09 41 17.17	+19 39 46.9	19.1
1996 JV	1999 01	07.39130	08 22 23.95	+18 48 49.7	16.6 V	691	1996 PJ ₅	1999 01	19.51436	09 41 15.89	+19 39 48.5	18.8
1996 JV	1999 01	07.41342	08 22 22.62	+18 49 02.0	16.9 V	691	1996 PJ ₅	1999 01	20.09288	09 40 50.54	+19 40 56.0	18.3 V 104
1996 JV	1999 01	07.43565	08 22 21.36	+18 49 15.4	17.1 V	691	1996 PJ ₅	1999 01	20.10084	09 40 50.19	+19 40 57.2	104
1996 JV	1999 01	15.22343	08 14 41.51	+20 10 53.3	17.1 V	691	1996 QN ₁	1999 01	13.43735	10 08 35.29	+16 35 41.1	18.9 R 699
1996 JV	1999 01	15.24572	08 14 40.09	+20 11 07.8	17.1 V	691	1996 QN ₁	1999 01	13.45773	10 08 34.61	+16 35 43.1	699
1996 JV	1999 01	15.26985	08 14 38.55	+20 11 23.3	17.0 V	691	1996 QN ₁	1999 01	13.47811	10 08 34.00	+16 35 45.5	699
1996 JV	1999 01	19.30605	08 10 23.87	+20 54 24.3	17.1	704	1996 RR ₅	1999 01	22.04444	09 29 57.26	-13 21 55.5	19.4
1996 JV	1999 01	19.32836	08 10 22.38	+20 54 39.0		704	1996 RR ₅	1999 01	22.04722	09 29 57.02	-13 21 55.2	19.8
1996 JV	1999 01	19.37255	08 10 19.46	+20 55 07.3	17.2	704	1996 RR ₅	1999 01	22.05000	09 29 56.92	-13 21 55.6	561
1996 JV	1999 01	19.39460	08 10 18.08	+20 55 21.6	17.3	704	1996 RR ₅	1999 01	22.99514	09 29 18.33	-13 22 41.4	561
1996 JF ₁	1998 09	18.14594	03 39 19.44	+19 08 49.1	19.7 V	910	1996 RR ₅	1999 01	22.99833	09 29 18.12	-13 22 41.2	561
1996 JF ₁	1998 09	18.16031	03 39 19.62	+19 08 48.8	19.8 V	910	1996 RR ₅	1999 01	23.00139	09 29 17.97	-13 22 40.9	561
1996 JF ₁	1998 09	18.17255	03 39 19.78	+19 08 48.3	19.7 V	910	1996 TW	1999 01	09.23360	04 46 20.28	+43 00 24.0	18.7
1996 JW ₂	1999 01	14.29058	08 39 16.99	+09 37 40.8	18.0 R	699	1996 TW	1999 01	09.25475	04 46 19.83	+43 00 19.8	18.7
1996 JW ₂	1999 01	14.31096	08 39 15.84	+09 37 47.5		699	1996 TW	1999 01	09.26556	04 46 19.25	+43 00 19.7	20.0
1996 JW ₂	1999 01	14.33141	08 39 14.76	+09 37 53.5		699	1996 TL ₁₂	1999 01	21.19826	13 50 15.77	-03 59 44.8	18.3 V 910
1996 JK ₃	1999 01	11.23953	04 25 52.64	+30 41 04.7	17.4	704	1996 TL ₁₂	1999 01	21.23193	13 50 16.89	-03 59 51.4	18.9 V 910
1996 JK ₃	1999 01	11.25020	04 25 52.30	+30 41 05.0	17.4	704	1996 TL ₁₂	1999 01	21.24782	13 50 17.42	-03 59 54.9	19.1 V 910
1996 JK ₃	1999 01	11.26081	04 25 51.78	+30 41 07.4	18.1	704	1996 TL ₁₂	1999 01	26.15524	13 52 51.39	-04 15 09.2	18.6 V 910
1996 JK ₃	1999 01	11.27139	04 25 51.25	+30 41 05.7	18.1	704	1996 TL ₁₂	1999 01	26.16758	13 52 51.73	-04 15 11.3	18.6 V 910
1996 JT ₇	1999 01	23.17084	03 31 37.17	+18 41 42.1	19.1 V	691	1996 TL ₁₂	1999 01	26.18008	13 52 52.09	-04 15 13.7	18.3 V 910
1996 JT ₇	1999 01	23.19317	03 31 37.63	+18 41 47.0	19.3 V	691	1996 TJ ₁₅	1999 01	19.12068	10 59 30.99	+08 08 01.4	18.6 V 910
1996 JT ₇	1999 01	23.21551	03 31 38.09	+18 41 52.1	19.2 V	691	1996 TJ ₁₅	1999 01	19.14362	10 59 30.55	+08 08 04.8	18.4 V 910
1996 JK ₁₆	1999 01	18.30562	07 26 02.55	+15 33 10.6	17.5	704	1996 TJ ₁₅	1999 01	19.16698	10 59 30.11	+08 08 08.5	18.6 V 910
1996 JK ₁₆	1999 01	18.32763	07 26 01.21	+15 33 18.9	17.3	704	1996 TJ ₁₅	1999 01	23.02200	10 58 12.56	+08 18 51.1	18.2 V 910
1996 JK ₁₆	1999 01	18.35027	07									

1996 TR ₆₆	1998 11	25.09750	00 09 50.63	+06 32 15.3	22.8 R	711	1997 GH ₂₂	1999 01	16.08120	05 22 45.27	+34 09 25.5	18.5	704
1996 TR ₆₆	1998 11	25.18707	00 09 50.44	+06 32 13.6	23.1 R	711	1997 GH ₂₂	1999 01	16.10322	05 22 44.54	+34 09 24.3	18.6	704
1996 UO	1999 01	14.06663	11 47 40.66	+02 45 43.0	18.6	120	1997 GH ₂₂	1999 01	16.12523	05 22 43.26	+34 09 19.4	18.2	704
1996 UO	1999 01	14.09169	11 47 40.75	+02 45 42.1		120	1997 GH ₂₂	1999 01	16.14799	05 22 42.31	+34 09 17.1	18.2	704
1996 UO	1999 01	14.12516	11 47 41.13	+02 45 41.2		120	1997 GH ₂₂	1999 01	16.16999	05 22 41.24	+34 09 13.4	18.4	704
1996 UO	1999 01	20.98860	11 47 54.50	+02 44 31.9	18.5	120	1997 GJ ₂₃	1999 01	09.07968	01 25 36.71	+09 55 39.0	20.0 V	691
1996 UO	1999 01	21.08740	11 47 54.10	+02 44 33.7		120	1997 GJ ₂₃	1999 01	09.10129	01 25 37.64	+09 55 48.2	19.9 V	691
1996 UO	1999 01	28.01559	11 47 02.69	+02 50 09.0	18.8	120	1997 GJ ₂₃	1999 01	09.12265	01 25 38.54	+09 55 58.6	19.9 V	691
1996 UO	1999 01	28.08885	11 47 01.72	+02 50 14.1		120	1997 GA ₂₆	1999 01	19.11456	01 41 05.22	+10 11 14.5	19.7 V	691
1996 YH ₃	1999 01	16.73140	12 26 14.16	+19 01 18.7	17.0 R	426	1997 GA ₂₆	1999 01	19.13581	01 41 06.24	+10 11 22.8	19.5 V	691
1996 YH ₃	1999 01	16.74113	12 26 14.33	+19 01 20.8	17.6 R	426	1997 GA ₂₆	1999 01	19.15761	01 41 07.30	+10 11 31.7	19.5 V	691
1996 YH ₃	1999 01	16.75082	12 26 14.39	+19 01 24.3	17.8 R	426	1997 HH ₃	1999 01	09.13926	02 11 06.58	+27 16 51.1	19.2 R	699
1996 YH ₃	1999 01	20.72965	12 26 45.25	+19 19 03.3	17.4 R	426	1997 HH ₃	1999 01	09.15962	02 11 07.24	+27 16 59.8		699
1996 YH ₃	1999 01	20.74088	12 26 45.19	+19 19 07.6	17.0 R	426	1997 HH ₃	1999 01	09.18183	02 11 07.79	+27 17 10.4		699
1996 YH ₃	1999 01	20.75353	12 26 45.28	+19 19 10.5	16.9 R	426	1997 HG ₁₀	1999 01	07.07356	01 30 32.42	+09 01 29.8	19.6 V	691
1997 CU ₂₆	1999 01	11.51589	09 29 25.94	+05 14 06.7	17.9 V	691	1997 HG ₁₀	1999 01	07.09466	01 30 33.53	+09 01 38.8	19.9 V	691
1997 CU ₂₆	1999 01	11.52562	09 29 25.82	+05 14 06.5	17.9 V	691	1997 HG ₁₀	1999 01	07.11594	01 30 34.66	+09 01 47.2	20.0 V	691
1997 CU ₂₆	1999 01	11.53517	09 29 25.71	+05 14 06.6	17.9 V	691	1997 JR	1999 01	08.18258	02 31 22.06	+16 59 12.2	18.0	704
1997 CU ₂₆	1999 01	15.34236	09 28 40.38	+05 14 24.6	17.6 R	699	1997 JR	1999 01	08.19337	02 31 22.49	+16 59 18.0	18.0	704
1997 CU ₂₆	1999 01	15.36793	09 28 40.08	+05 14 24.0		699	1997 JR	1999 01	08.20533	02 31 22.75	+16 59 24.9	18.4	704
1997 CU ₂₆	1999 01	15.39345	09 28 39.74	+05 14 24.7		699	1997 JR	1999 01	08.21683	02 31 23.09	+16 59 29.3	18.3	704
1997 CU ₂₆	1999 01	18.00638	09 28 07.26	+05 14 47.6	17.5 R	621	1997 JR	1999 01	08.22867	02 31 23.54	+16 59 36.0	18.3	704
1997 CU ₂₆	1999 01	18.01006	09 28 07.23	+05 14 47.7	17.6 R	621	1997 JR	1999 01	11.13587	02 33 02.94	+17 22 06.8	18.4	704
1997 CU ₂₆	1999 01	18.42408	09 28 02.03	+05 14 51.7	18.3	704	1997 JR	1999 01	11.14647	02 33 03.46	+17 22 13.1	18.4	704
1997 CU ₂₆	1999 01	18.44611	09 28 01.70	+05 14 51.8	18.5	704	1997 JR	1999 01	11.15705	02 33 03.79	+17 22 16.8	18.4	704
1997 CU ₂₆	1999 01	18.46822	09 28 01.40	+05 14 51.8	18.7	704	1997 JR	1999 01	11.17803	02 33 04.22	+17 22 24.3	18.7	704
1997 CU ₂₆	1999 01	18.49045	09 28 01.10	+05 14 54.2	18.7	704	1997 JR	1999 01	19.84162	02 39 17.86	+18 30 25.3	18.0 V	552
1997 CU ₂₆	1999 01	18.51246	09 28 00.64	+05 14 52.6	18.7	704	1997 JR	1999 01	19.86024	02 39 18.78	+18 30 34.0		552
1997 CU ₂₆	1999 01	18.69634	09 27 58.54	+05 14 55.9	17.8 V	402	1997 JR	1999 01	20.77306	02 40 04.51	+18 37 46.8	18.0 V	552
1997 CU ₂₆	1999 01	18.70071	09 27 58.50	+05 14 56.0		402	1997 JR	1999 01	20.78515	02 40 05.11	+18 37 53.1		552
1997 CU ₂₆	1999 01	18.70505	09 27 58.43	+05 14 56.1		402	1997 JR	1999 01	20.80022	02 40 05.83	+18 38 00.0		552
1997 CU ₂₆	1999 01	20.95134	09 27 29.61	+05 15 25.5	17.4 R	621	1997 KA	1999 01	17.20646	04 03 51.69	+19 17 11.1	17.5	732
1997 CU ₂₆	1999 01	20.95502	09 27 29.55	+05 15 25.5	17.5 R	621	1997 KA	1999 01	17.26815	04 03 51.45	+19 16 58.5	17.6	732
1997 CU ₂₆	1999 01	20.95870	09 27 29.49	+05 15 25.6	17.5 R	621	1997 KA	1999 01	18.19536	04 03 49.69	+19 14 01.4	18.2	732
1997 CU ₂₆	1999 01	20.96777	09 27 29.33	+05 15 26.2	17.5 R	113	1997 KA	1999 01	18.25302	04 03 49.51	+19 13 50.2	17.4	732
1997 CU ₂₆	1999 01	21.00118	09 27 28.95	+05 15 26.0	17.5 R	621	1997 KW	1999 01	09.65587	07 10 22.62	+18 46 09.9	17.7	327
1997 CU ₂₆	1999 01	21.00486	09 27 28.89	+05 15 26.2	17.4 R	621	1997 KW	1999 01	09.67566	07 10 21.16	+18 46 15.8		327
1997 CU ₂₆	1999 01	21.00498	09 27 28.86	+05 15 26.7	17.2 R	113	1997 KW	1999 01	09.69535	07 10 19.73	+18 46 21.7		327
1997 CU ₂₆	1999 01	21.00854	09 27 28.84	+05 15 26.3	17.4 R	621	1997 KW	1999 01	19.74541	06 58 55.15	+19 35 11.9	18.8	120
1997 CU ₂₆	1999 01	21.06457	09 27 28.16	+05 15 27.4	17.3 R	113	1997 KW	1999 01	23.78277	06 54 49.62	+19 53 51.8	18.3	120
1997 CQ ₂₉	1999 01	15.42228	10 43 34.40	+09 26 15.0		696	1997 KW	1999 01	23.79420	06 54 48.96	+19 53 54.4		120
1997 CQ ₂₉	1999 01	15.48095	10 43 34.11	+09 26 16.4		696	1997 LC ₄	1999 01	14.09663	05 50 01.50	+44 20 03.2	17.4	704
1997 CQ ₂₉	1999 01	16.33679	10 43 31.48	+09 26 33.8		696	1997 LC ₄	1999 01	14.11961	05 49 59.39	+44 20 21.8	19.2	704
1997 CQ ₂₉	1999 01	16.39721	10 43 31.38	+09 26 35.2		696	1997 LC ₄	1999 01	14.14296	05 49 57.31	+44 20 42.3	20.1	704
1997 CQ ₂₉	1999 01	16.47428	10 43 31.11	+09 26 37.3		696	1997 LC ₄	1999 01	14.16600	05 49 55.21	+44 20 56.3	18.1	704
1997 CR ₂₉	1998 12	18.22884	09 28 57.88	+18 41 38.1		950	1997 LC ₄	1999 01	14.18906	05 49 52.77	+44 21 15.8		704
1997 CR ₂₉	1998 12	18.25549	09 28 57.83	+18 41 38.9		950	1997 MQ ₁	1999 01	21.83950	03 27 07.28	+12 58 47.9		595
1997 CR ₂₉	1998 12	19.19253	09 28 55.43	+18 41 59.1		950	1997 MQ ₁	1999 01	21.85417	03 27 07.60	+12 58 49.5		595
1997 CR ₂₉	1998 12	19.22964	09 28 55.33	+18 41 59.0		950	1997 MQ ₁	1999 01	23.90538	03 27 56.06	+13 03 42.3	19.2 V	595
1997 CR ₂₉	1999 01	23.36716	09 26 42.16	+18 57 02.0		705	1997 MQ ₁	1999 01	23.91913	03 27 56.42	+13 03 44.2		595
1997 CR ₂₉	1999 01	23.40789	09 26 41.89	+18 57 02.4		705	1997 MQ ₁	1998 11	23.27764	06 17 32.89	+19 33 13.2	18.2	704
1997 CR ₂₉	1999 01	23.43951	09 26 41.76	+18 57 03.4		705	1997 MQ ₁	1998 11	23.28722	06 17 32.46	+19 33 17.7	18.2	704
1997 CR ₂₉	1999 01	23.48229	09 26 41.55	+18 57 04.9		705	1997 MQ ₁	1998 11	23.29747	06 17 31.83	+19 33 22.3	17.7	704
1997 CS ₂₉	1998 11	24.37078	07 58 09.05	+20 59 24.2	21.7 R	711	1997 MQ ₁	1998 11	23.30708	06 17 31.51	+19 33 25.2	17.7	704
1997 CS ₂₉	1998 11	24.38842	07 58 09.01	+20 59 24.4	21.4 R	711	1997 MQ ₁	1998 11	23.31684	06 17 31.12	+19 33 29.6	17.7	704
1997 CS ₂₉	1998 11	24.47517	07 58 08.76	+20 59 24.9	21.6 R	711	1997 MQ ₁	1998 12	15.37979	05 56 37.84	+22 03 11.5	17.4	704
1997 CS ₂₉	1998 11	25.38766	07 58 06.48	+20 59 31.7	22.2 R	711	1997 MQ ₁	1998 12	15.39477	05 56 36.72	+22 03 16.7		704
1997 CS ₂₉	1998 11	25.40105	07 58 06.45	+20 59 31.6	22.4 R	711	1997 MQ ₁	1998 12	15.40959	05 56 35.69	+22 03 22.6	17.8	704
1997 CS ₂₉	1998 11	25.41452	07 58 06.39	+20 59 31.8	22.6 R	711	1997 MQ ₁	1998 12	15.42445	05 56 34.66	+22 03 28.8	17.8	704
1997 CS ₂₉	1998 11	25.48676	07 58 06.16	+20 59 31.8	21.9 R	711	1997 MQ ₁	1998 12	15.43931	05 56 33.55	+22 03 35.1	17.9	704
1997 CS ₂₉	1998 11	25.50028	07 58 06.13	+20 59 31.8	22.0 R	711	1997 MQ ₁	1998 12	22.19279	05 48 50.04	+22 50 11.6	17.9	704
1997 CS ₂₉	1999 01	14.33120	07 54 39.34	+21 08 48.2		696	1997 MQ ₁	1998 12	22.21569	05 48 48.46	+22 50 20.4		704
1997 CS ₂₉	1999 01	14.48248	07 54 38.52	+21 08 49.7		696	1997 MQ ₁	1998 12	22.23836	05 48 46.83	+22 50 28.7		704
1997 CS ₂₉	1999 01	16.28891	07 54 29.43	+21 09 14.1		696	1997 MQ ₁	1998 12	22.26119	05 48 45.33	+22 50 37.3	19.5	704
1997 CS ₂₉	1999 01	16.35155	07 54 29.15	+21 09 14.9		696	1997 MQ ₁	1998 12	22.28393	05 48 43.59	+22 50 48.6		704
1997 CS ₂₉	1999 01	16.41140	07 54 28.86	+21 09 15.6		696	1997 MQ ₁	1999 01	16.08718	05 25 41.43	+25 18 09.1	18.1	704
1997 CT ₂₉	1998 11	24.40719	09 18 31.00	+16 37 24.5	23.0 R	711	1997 MQ ₁	1999 01	16.10920	05 25 40.64	+25 18 18.6		704
1997 CT ₂₉	1998 11	24.49450	09 18 30.86	+16 37 24.9	23.3 R	711	1997 MQ ₁	1999 01	16.13121	05 25 39.89	+25 18 25.3		704
1997 CT ₂₉	1998 11	25.46811	09 18 30.15	+16 37 29.8	23.2 R	711	1997 MQ _{1</}						

1997 OY	1999 01	14.09703	01 54 29.39	+22 00 33.4		699	1997 PV ₃	1999 01	10.12713	03 14 06.84	+19 21 28.6	18.3	725
1997 OY	1999 01	14.11230	01 54 30.21	+22 00 33.4		699	1997 PV ₃	1999 01	10.21340	03 14 06.91	+19 21 17.3	18.3	725
1997 OO ₁	1999 01	07.25447	06 35 57.56	+16 18 34.8	17.2 R	684	1997 PF ₄	1998 12	27.02870	08 10 16.54	+22 17 36.3	17.9 V	620
1997 OO ₁	1999 01	07.25840	06 35 57.30	+16 18 36.3		684	1997 PF ₄	1998 12	27.06724	08 10 14.35	+22 17 38.4	17.6 V	620
1997 OO ₁	1999 01	08.23235	06 34 55.68	+16 24 42.2	17.1 R	684	1997 PF ₄	1999 01	07.21192	07 59 22.82	+22 27 20.3	18.2 V	691
1997 OO ₁	1999 01	08.23656	06 34 55.41	+16 24 43.7		684	1997 PF ₄	1999 01	07.22711	07 59 21.84	+22 27 21.5	18.2 V	691
1997 OO ₁	1999 01	20.10041	06 23 47.52	+17 41 17.4	18.3	704	1997 PF ₄	1999 01	07.24245	07 59 20.85	+22 27 22.3	18.2 V	691
1997 OO ₁	1999 01	20.14411	06 23 45.00	+17 41 36.0	18.1	704	1997 PF ₄	1999 01	09.04398	07 57 25.73	+22 28 48.0		620
1997 OO ₁	1999 01	20.16650	06 23 44.06	+17 41 47.4	17.9	704	1997 PF ₄	1999 01	09.06829	07 57 24.03	+22 28 50.0		620
1997 OO ₁	1999 01	20.18837	06 23 43.11	+17 41 54.4	17.9	704	1997 PF ₄	1999 01	09.08830	07 57 22.64	+22 28 51.7		620
1997 OZ ₁	1999 01	09.19778	03 55 06.06	+00 10 22.2	17.2 R	699	1997 P _J ₄	1998 12	29.79310	05 35 45.06	+27 58 05.1		127
1997 OZ ₁	1999 01	09.21817	03 55 05.72	+00 10 29.6		699	1997 P _J ₄	1998 12	29.80189	05 35 44.53	+27 58 01.4		127
1997 OZ ₁	1999 01	09.23856	03 55 05.37	+00 10 36.4		699	1997 P _J ₄	1998 12	30.75664	05 34 48.31	+27 50 37.9		127
1997 PE	1999 01	07.21220	04 43 30.07	+13 23 57.3	17.2 R	699	1997 P _J ₄	1998 12	30.76354	05 34 47.89	+27 50 34.9		127
1997 PE	1999 01	07.24046	04 43 29.17	+13 23 58.1		699	1997 P _J ₄	1999 01	16.08280	05 22 29.61	+25 44 47.0	17.8	704
1997 PE	1999 01	07.26595	04 43 28.26	+13 23 57.6		699	1997 P _J ₄	1999 01	16.10482	05 22 28.77	+25 44 38.3	18.0	704
1997 PE	1999 01	11.24314	04 41 36.00	+13 26 11.1	17.5	704	1997 P _J ₄	1999 01	16.12683	05 22 28.25	+25 44 26.4		704
1997 PE	1999 01	11.26443	04 41 35.29	+13 26 14.1	18.3	704	1997 P _J ₄	1999 01	16.14958	05 22 27.38	+25 44 18.1		704
1997 PE	1999 01	11.27505	04 41 35.09	+13 26 14.6	18.3	704	1997 P _J ₄	1999 01	16.17159	05 22 26.63	+25 44 08.8		704
1997 PQ	1999 01	16.65058	07 52 53.09	+19 29 31.2	16.1 R	426	1997 PL ₄	1999 01	16.20401	07 07 36.59	+32 14 59.0	18.6	704
1997 PQ	1999 01	16.66686	07 52 51.91	+19 29 37.1	16.1 R	426	1997 PL ₄	1999 01	16.22597	07 07 34.99	+32 14 58.9	19.8	704
1997 PQ	1999 01	17.56870	07 51 52.16	+19 35 12.7	15.9 R	426	1997 PL ₄	1999 01	16.24806	07 07 33.29	+32 14 59.3	20.2	704
1997 PQ	1999 01	17.58193	07 51 51.27	+19 35 17.5	16.1 R	426	1997 PL ₄	1999 01	16.26998	07 07 31.58	+32 14 57.5	20.3	704
1997 PQ	1999 01	17.59481	07 51 50.32	+19 35 22.8	16.3 R	426	1997 PL ₄	1999 01	18.93537	07 04 17.81	+32 11 58.6	18.0 R	046
1997 PQ	1999 01	18.31515	07 51 02.23	+19 39 41.7	16.8	704	1997 PL ₄	1999 01	18.93769	07 04 17.58	+32 11 58.6		046
1997 PQ	1999 01	18.33782	07 51 00.62	+19 39 50.1	17.3	704	1997 PL ₄	1999 01	18.94005	07 04 17.44	+32 11 58.5		046
1997 PQ	1999 01	18.36091	07 50 59.00	+19 39 58.7	17.3	704	1997 PL ₄	1999 01	19.20136	07 03 58.97	+32 11 39.1	19.4	704
1997 PQ	1999 01	18.38297	07 50 57.52	+19 40 06.0	17.7	704	1997 PL ₄	1999 01	19.22377	07 03 57.37	+32 11 39.2	19.8	704
1997 PQ	1999 01	18.40501	07 50 56.02	+19 40 14.9	17.5	704	1997 PL ₄	1999 01	19.26820	07 03 53.99	+32 11 33.0	20.0	704
1997 PQ	1999 01	20.30898	07 48 50.11	+19 51 57.3	17.8	704	1997 PL ₄	1999 01	19.29033	07 03 52.03	+32 11 33.2	20.1	704
1997 PQ	1999 01	20.33109	07 48 48.55	+19 52 07.6		704	1997 PL ₄	1999 01	20.11487	07 02 54.01	+32 10 16.4	17.2 R	046
1997 PQ	1999 01	20.35315	07 48 47.14	+19 52 16.1	19.2	704	1997 PL ₄	1999 01	20.11646	07 02 53.84	+32 10 16.4		046
1997 PQ	1999 01	20.39849	07 48 43.99	+19 52 31.8	18.4	704	1997 PR ₄	1998 12	26.51128	08 54 28.61	+17 17 31.5	17.8 V	691
1997 PS	1999 01	10.26998	08 19 50.63	+21 59 33.8	18.6 V	691	1997 PR ₄	1998 12	26.52937	08 54 27.99	+17 17 30.2	17.8 V	691
1997 PS	1999 01	10.30619	08 19 48.27	+21 59 33.8	18.5 V	691	1997 PR ₄	1998 12	26.54751	08 54 27.35	+17 17 29.2	17.9 V	691
1997 PS	1999 01	10.32876	08 19 46.79	+21 59 33.9	18.6 V	691	1997 PR ₄	1998 12	27.03889	08 54 11.41	+17 17 03.4	17.6 V	620
1997 PS	1999 01	18.98174	08 10 19.76	+21 58 00.3	17.8 R	046	1997 PR ₄	1998 12	27.07500	08 54 10.11	+17 17 01.7	18.0 V	620
1997 PS	1999 01	18.98362	08 10 19.60	+21 58 00.3		046	1997 PR ₄	1998 12	27.13067	08 54 08.11	+17 16 59.0	18.2 V	620
1997 PS	1999 01	18.98583	08 10 19.44	+21 58 00.3		046	1997 PR ₄	1998 12	27.15278	08 54 07.31	+17 16 57.9	17.7 V	620
1997 PS	1999 01	19.00179	08 10 18.40	+21 58 00.1	18.0 R	046	1997 PR ₄	1998 12	27.16285	08 54 06.95	+17 16 57.5	17.8 V	620
1997 PS	1999 01	19.00365	08 10 18.29	+21 57 59.7		046	1997 PR ₄	1999 01	08.40029	08 44 52.38	+17 13 38.2	17.3 V	691
1997 PS	1999 01	19.00598	08 10 18.12	+21 57 59.1		046	1997 PR ₄	1999 01	08.42220	08 44 51.10	+17 13 38.4	17.4 V	691
1997 PS	1999 01	19.30903	08 09 58.06	+21 57 54.8	18.3 V	691	1997 PR ₄	1999 01	08.44432	08 44 49.84	+17 13 38.6	17.3 V	691
1997 PS	1999 01	19.33189	08 09 56.50	+21 57 54.2	18.3 V	691	1997 PR ₄	1999 01	08.99977	08 44 19.21	+17 13 45.7		620
1997 PS	1999 01	19.35541	08 09 54.91	+21 57 53.5	18.2 V	691	1997 PR ₄	1999 01	09.02940	08 44 17.49	+17 13 46.9		620
1997 PS	1999 01	20.04251	08 09 09.41	+21 57 37.6	18.1 R	046	1997 PR ₄	1999 01	09.06505	08 44 15.42	+17 13 48.4		620
1997 PS	1999 01	20.04473	08 09 09.25	+21 57 37.8		046	1997 PR ₄	1999 01	17.38479	08 35 47.52	+17 17 43.2	17.2 V	691
1997 PS	1999 01	20.04714	08 09 09.12	+21 57 37.9		046	1997 PR ₄	1999 01	17.40648	08 35 46.08	+17 17 43.7	17.1 V	691
1997 PS	1999 01	22.30209	08 06 40.42	+21 56 40.6	18.2 V	691	1997 PR ₄	1999 01	17.42801	08 35 44.63	+17 17 44.3	17.2 V	691
1997 PS	1999 01	22.30861	08 06 39.96	+21 56 40.5	18.1 V	691	1997 PR ₄	1999 01	25.89780	08 26 21.42	+17 23 46.7	16.7 V	620
1997 PS	1999 01	22.31461	08 06 39.57	+21 56 40.3	18.3 V	691	1997 PR ₄	1999 01	25.91194	08 26 20.51	+17 23 47.5	16.7 V	620
1997 PX	1999 01	24.05968	10 37 15.68	+05 58 29.5	18.0	120	1997 PR ₄	1999 01	25.94016	08 26 18.59	+17 23 49.1		620
1997 PX	1999 01	24.07791	10 37 15.15	+05 58 33.9		120	1997 PL ₅	1998 11	15.94701	03 05 34.39	+27 22 21.8	16.7 V	112
1997 PX	1999 01	25.02747	10 36 45.94	+06 02 30.1	18.7	120	1997 PL ₅	1998 11	15.97661	03 05 32.70	+27 22 15.6		112
1997 PX	1999 01	25.07034	10 36 44.52	+06 02 41.2		120	1997 PL ₅	1999 01	08.17437	02 42 17.36	+24 06 58.3	17.7 R	699
1997 PX ₁	1999 01	18.78780	05 54 58.28	+24 19 37.4	17.8 R	046	1997 PL ₅	1999 01	08.19980	02 42 17.66	+24 06 54.5		699
1997 PX ₁	1999 01	18.79189	05 54 58.09	+24 19 38.2		046	1997 PL ₅	1999 01	08.22676	02 42 17.86	+24 06 52.1		699
1997 PX ₁	1999 01	18.79528	05 54 57.93	+24 19 38.5		046	1997 PN ₅	1999 01	08.25783	08 11 50.54	+19 11 10.5	16.9 V	691
1997 PX ₁	1999 01	19.78750	05 54 10.15	+24 21 21.0	17.9 R	046	1997 PN ₅	1999 01	08.28013	08 11 49.05	+19 11 07.9	16.8 V	691
1997 PX ₁	1999 01	19.78934	05 54 10.07	+24 21 21.2		046	1997 PN ₅	1999 01	08.30249	08 11 47.54	+19 11 05.8	16.8 V	691
1997 PX ₁	1999 01	19.79131	05 54 09.99	+24 21 21.5		046	1997 PN ₅	1999 01	08.60387	08 11 27.98	+19 10 32.7	17.0 V	886
1997 PC ₂	1999 01	16.19514	06 34 28.04	+24 26 06.1	19.0	704	1997 PN ₅	1999 01	08.61372	08 11 27.24	+19 10 31.3		886
1997 PC ₂	1999 01	16.21710	06 34 26.56	+24 26 06.4	18.9	704	1997 PN ₅	1999 01	18.31950	08 00 31.75	+18 53 08.0	17.0	704
1997 PC ₂	1999 01	16.23907	06 34 25.25	+24 26 06.7	19.5	704	1997 PN ₅	1999 01	18.34216	08 00 30.23	+18 53 06.3	17.0	704
1997 PC ₂	1999 01	16.26115	06 34 23.77	+24 26 09.8	19.1	704	1997 PN ₅	1999 01	18.36525	08 00 28.59	+18 53 03.8	17.7	704
1997 PE ₂	1999 01	20.20001	06 55 56.75	+07 21 13.2	18.9	704	1997 PN ₅	1999 01	18.38730	08 00 27.01	+18 53 01.2	17.1	704
1997 PE ₂	1999 01	20.22179	06 55 55.55	+07 21 13.0	18.4	704	1997 PN ₅	1999 01	18.40935	08 00 25.58	+18 52 59.3	17.8	704
1997 PE ₂	1999 01	20.24381	06 55 54.35	+07 21 29.4	17.9	704	1997 PN ₅	1999 01	20.75564	07 57 47.11	+18 48 45.9	17.4	120
1997 PE ₂	1999 01	20.26561	06 55 53.24	+07 21 37.9	18.3	704	1997 QA	1999 01	15.42576	10 48 09.39	+06 16 05.6	18.6 R	699
1997 P _J ₂	1999												

1997 QB ₁	1999 01	20.13500	09 00 54.12	+24 58 59.5	17.2 R	046	1997 RE ₃	1999 01	16.21011	07 24 00.07	+24 31 28.9	18.1	704
1997 QB ₁	1999 01	20.13700	09 00 53.98	+24 59 00.4		046	1997 RE ₃	1999 01	16.23207	07 23 58.78	+24 31 30.5	18.4	704
1997 QB ₁	1999 01	20.13924	09 00 53.87	+24 59 01.3		046	1997 RE ₃	1999 01	16.25416	07 23 57.51	+24 31 30.7	18.6	704
1997 QH ₁	1999 01	18.30505	07 27 25.44	+19 32 01.0	18.7	704	1997 RE ₃	1999 01	16.27608	07 23 56.29	+24 31 29.2	19.4	704
1997 QH ₁	1999 01	18.32705	07 27 23.82	+19 32 01.8	17.6	704	1997 RE ₃	1999 01	19.20221	07 21 14.23	+24 31 16.6	18.0	704
1997 QH ₁	1999 01	18.34969	07 27 22.23	+19 32 03.2	17.3	704	1997 RE ₃	1999 01	19.22464	07 21 12.76	+24 31 14.6	18.4	704
1997 QH ₁	1999 01	18.37290	07 27 20.45	+19 32 04.4	18.1	704	1997 RE ₃	1999 01	19.24677	07 21 11.68	+24 31 16.7	18.4	704
1997 QH ₁	1999 01	20.20754	07 25 11.67	+19 33 08.9		704	1997 RE ₃	1999 01	19.26906	07 21 10.46	+24 31 16.3	19.1	704
1997 QH ₁	1999 01	20.22952	07 25 10.07	+19 33 10.2		704	1997 RE ₃	1999 01	19.29119	07 21 09.13	+24 31 16.0	19.3	704
1997 QH ₁	1999 01	20.27388	07 25 06.84	+19 33 11.3		704	1997 RG ₃	1999 01	05.77081	05 46 28.61	+19 45 49.5	17.3	126
1997 QH ₁	1999 01	20.29578	07 25 05.22	+19 33 14.5	19.3	704	1997 RG ₃	1999 01	05.77855	05 46 28.16	+19 45 49.9	17.2	126
1997 QM ₁	1999 01	21.13443	10 24 00.21	+20 43 54.8	18.1 R	046	1997 RG ₃	1999 01	05.78588	05 46 27.71	+19 45 49.2	17.3	126
1997 QM ₁	1999 01	21.13957	10 23 59.96	+20 43 55.9		046	1997 RG ₃	1999 01	15.78179	05 37 55.41	+19 49 46.0	18.0	126
1997 QM ₁	1999 01	21.14319	10 23 59.82	+20 43 57.5		046	1997 RG ₃	1999 01	15.78872	05 37 55.14	+19 49 47.5	17.9	126
1997 QM ₁	1999 01	22.10287	10 23 21.11	+20 48 24.2	17.8 R	046	1997 RQ ₅	1999 01	07.23508	05 26 06.67	+22 25 46.6		684
1997 QM ₁	1999 01	22.10670	10 23 20.97	+20 48 24.9		046	1997 RQ ₅	1999 01	07.24333	05 26 06.28	+22 25 46.3	18.5 R	684
1997 QM ₁	1999 01	22.10866	10 23 20.91	+20 48 25.7		046	1997 RQ ₅	1999 01	08.17412	05 25 26.58	+22 25 18.9	18.2 R	684
1997 QN ₁	1999 01	15.34365	09 38 29.01	+06 46 27.0	18.5 R	699	1997 RQ ₅	1999 01	08.18023	05 25 26.45	+22 25 18.9		684
1997 QN ₁	1999 01	15.36920	09 38 27.82	+06 46 31.0		699	1997 RX ₆	1999 01	09.19948	07 54 12.93	+23 42 48.4	17.4	732
1997 QN ₁	1999 01	15.39472	09 38 26.57	+06 46 34.2		699	1997 RX ₆	1999 01	09.20531	07 54 12.60	+23 42 49.4	17.2	732
1997 QY ₁	1999 01	15.50831	11 06 31.75	+10 42 28.7	19.3 R	699	1997 RX ₆	1999 01	09.21290	07 54 12.15	+23 42 50.4	17.5	732
1997 QY ₁	1999 01	15.52359	11 06 31.60	+10 42 31.2		699	1997 RX ₆	1999 01	09.31293	07 54 06.48	+23 43 05.2	17.2 R	684
1997 QY ₁	1999 01	15.53892	11 06 31.36	+10 42 34.8		699	1997 RX ₆	1999 01	09.31675	07 54 06.25	+23 43 05.6		684
1997 QD ₂	1999 01	13.20108	03 50 03.92	+06 45 20.9	16.4 R	699	1997 RX ₆	1999 01	10.29954	07 53 11.36	+23 45 35.2	17.2 R	684
1997 QD ₂	1999 01	13.22374	03 50 03.70	+06 45 26.0		699	1997 RX ₆	1999 01	10.30256	07 53 11.17	+23 45 35.9		684
1997 QD ₂	1999 01	13.24414	03 50 03.43	+06 45 31.5		699	1997 RX ₆	1999 01	11.31518	07 52 13.90	+23 48 09.5	17.7	732
1997 QE ₂	1999 01	09.59654	08 10 26.20	+27 57 38.5	17.5 V	886	1997 RX ₆	1999 01	11.32002	07 52 13.69	+23 48 10.5	17.4	732
1997 QE ₂	1999 01	09.61974	08 10 24.82	+27 57 43.0		886	1997 RX ₆	1999 01	11.32476	07 52 13.39	+23 48 10.9	17.5	732
1997 QE ₂	1999 01	10.29663	08 09 45.07	+28 00 06.3	17.8 R	699	1997 RX ₆	1999 01	16.80202	07 47 01.30	+24 01 08.7	17.5	120
1997 QE ₂	1999 01	10.32212	08 09 43.54	+28 00 11.7		699	1997 RX ₆	1999 01	16.82241	07 47 00.11	+24 01 11.7		120
1997 QE ₂	1999 01	10.34766	08 09 41.99	+28 00 17.7		699	1997 RX ₆	1999 01	19.20760	07 44 43.65	+24 06 23.7	17.9	704
1997 QE ₂	1999 01	13.62956	08 06 25.36	+28 11 25.7	17.5 V	888	1997 RX ₆	1999 01	19.22987	07 44 42.42	+24 06 27.5	17.6	704
1997 QE ₂	1999 01	13.63543	08 06 25.36	+28 11 26.9		888	1997 RX ₆	1999 01	19.25212	07 44 41.03	+24 06 32.4	18.5	704
1997 QE ₂	1999 01	19.30722	08 00 38.63	+28 28 09.1	18.0	704	1997 RX ₆	1999 01	19.27428	07 44 39.93	+24 06 32.7	18.5	704
1997 QE ₂	1999 01	19.32953	08 00 37.05	+28 28 13.9	18.8	704	1997 RX ₆	1999 01	19.29642	07 44 38.54	+24 06 35.8	18.0	704
1997 QE ₂	1999 01	19.37373	08 00 34.33	+28 28 18.7	18.4	704	1997 RA ₇	1999 01	06.97853	08 42 25.80	+14 45 06.2	17.5	120
1997 QE ₂	1999 01	19.39577	08 00 32.94	+28 28 22.8	18.2	704	1997 RA ₇	1999 01	07.01530	08 42 23.72	+14 45 10.7		120
1997 QF ₂	1998 12	22.72479	06 47 39.75	+42 10 20.9	18 V	888	1997 RA ₇	1999 01	09.86128	08 39 44.38	+14 51 29.4	17.5	120
1997 QF ₂	1998 12	22.73000	06 47 39.34	+42 10 21.9		888	1997 RA ₇	1999 01	09.88065	08 39 43.23	+14 51 32.4		120
1997 QF ₂	1999 01	22.51323	06 15 38.54	+41 35 32.1		385	1997 RA ₇	1999 01	18.42904	08 30 44.52	+15 15 03.0	17.4	704
1997 QS ₂	1999 01	06.92277	05 05 46.35	+25 33 59.1	17.9 R	046	1997 RA ₇	1999 01	18.45107	08 30 42.98	+15 15 06.5	18.2	704
1997 QS ₂	1999 01	06.92694	05 05 46.21	+25 33 59.2		046	1997 RA ₇	1999 01	18.47320	08 30 41.56	+15 15 11.8	18.4	704
1997 QS ₂	1999 01	06.93144	05 05 46.03	+25 33 59.6		046	1997 RA ₇	1999 01	18.49542	08 30 39.99	+15 15 16.0	18.6	704
1997 QS ₂	1999 01	16.96403	05 00 49.09	+25 44 05.1	17.7 R	046	1997 RA ₇	1999 01	18.51744	08 30 38.42	+15 15 18.4	18.2	704
1997 QS ₂	1999 01	16.96590	05 00 49.05	+25 44 05.5		046	1997 RK ₇	1999 01	21.09668	10 02 53.17	+08 39 03.9	18.0 R	046
1997 QS ₂	1999 01	16.96766	05 00 49.04	+25 44 06.1		046	1997 RK ₇	1999 01	21.09943	10 02 53.02	+08 39 04.4		046
1997 QS ₂	1999 01	16.97152	05 00 48.94	+25 44 06.3		046	1997 RK ₇	1999 01	21.10334	10 02 52.83	+08 39 04.5		046
1997 QZ ₂	1999 01	19.30649	08 15 42.44	+22 27 00.9	17.3	704	1997 RK ₇	1999 01	22.09458	10 02 04.82	+08 40 49.0	17.6 R	046
1997 QZ ₂	1999 01	19.32880	08 15 40.77	+22 27 04.6		704	1997 RK ₇	1999 01	22.09810	10 02 04.62	+08 40 49.5		046
1997 QZ ₂	1999 01	19.35083	08 15 39.12	+22 27 07.6	18.5	704	1997 RK ₇	1999 01	22.09999	10 02 04.56	+08 40 49.5		046
1997 QZ ₂	1999 01	19.37300	08 15 37.61	+22 27 08.2		704	1997 RZ ₇	1999 01	11.81803	10 24 38.25	+18 43 28.0	17 V	888
1997 QZ ₂	1999 01	19.39504	08 15 36.07	+22 27 10.0		704	1997 RZ ₇	1999 01	11.82553	10 24 37.97	+18 43 28.3		888
1997 QZ ₂	1999 01	26.18615	08 07 47.07	+22 35 56.6	16.1 R	757	1997 RZ ₇	1999 01	29.73824	10 10 16.63	+19 07 36.9	17 V	888
1997 QZ ₂	1999 01	26.20072	08 07 46.05	+22 35 57.3	16.0 R	757	1997 RZ ₇	1999 01	29.74508	10 10 16.24	+19 07 37.5		888
1997 QN ₃	1999 01	09.79674	10 43 49.46	+17 31 01.9	19	411	1997 RY ₈	1999 01	18.20029	06 37 36.61	+08 30 55.7	18.2	704
1997 QN ₃	1999 01	09.81568	10 43 49.11	+17 31 04.8		411	1997 RY ₈	1999 01	18.22234	06 37 35.69	+08 31 00.4	18.9	704
1997 QN ₃	1999 01	10.61151	10 43 36.75	+17 33 38.8		411	1997 RY ₈	1999 01	18.24515	06 37 34.48	+08 31 05.7	18.1	704
1997 QN ₃	1999 01	10.62256	10 43 36.66	+17 33 39.8		411	1997 RY ₈	1999 01	18.26708	06 37 33.52	+08 31 11.2	18.6	704
1997 QV ₃	1999 01	15.34365	09 38 48.67	+06 01 12.6	17.2 R	699	1997 RY ₈	1999 01	20.19188	06 36 09.02	+08 39 09.0	17.9	704
1997 QV ₃	1999 01	15.36920	09 38 47.67	+06 01 15.9		699	1997 RY ₈	1999 01	20.21366	06 36 08.06	+08 39 13.7	17.9	704
1997 QV ₃	1999 01	15.39472	09 38 46.64	+06 01 20.2		699	1997 RY ₈	1999 01	20.23563	06 36 07.09	+08 39 18.4	18.5	704
1997 QN ₄	1999 01	18.22878	06 56 50.25	+19 37 36.7	16.4	704	1997 RY ₈	1999 01	20.25749	06 36 06.02	+08 39 23.4	19.0	704
1997 QN ₄	1999 01	18.25153	06 56 49.18	+19 37 40.2	16.7	704	1997 RY ₈	1999 01	20.28005	06 36 05.10	+08 39 32.3	19.1	704
1997 QN ₄	1999 01	18.27348	06 56 48.02	+19 37 42.6	17.5	704	1997 RB ₉	1999 01	19.20338	07 25 57.37	+26 25 47.2	18.3	704
1997 QN ₄	1999 01	20.19828	06 55 12.14	+19 41 37.4	17.4	704	1997 RB ₉	1999 01	19.22580	07 25 55.84	+26 25 47.7	19.8	704
1997 QN ₄	1999 01	20.22005	06 55 11.02	+19 41 39.0		704	1997 RB ₉	1999 01	19.24793	07 25 54.51	+26 25 49.4	19.6	704
1997 QN ₄	1999 01	20.24208	06 55 10.09	+19 41 42.9	18.1	704	1997 RB ₉	1999 01	19.27022	07 25 53.09	+26 25 49.8	18.7	704
1997 QN ₄	1999 01	20.28645	06 55 07.61	+19 41 48.1	18.7	704	1997 RG ₉	1999 01	11.93527	03 40 22.51	+34 08 09.4	18.6 V	012

1999 FEB. 2

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1997 SF	1999 01	19.77861	05 51 25.09	+25 13 18.4		046	1997 SG ₁₆	1999 01	05.87036	07 54 25.71	+18 07 24.1		120
1997 SF	1999 01	20.85961	05 50 48.61	+25 14 55.6	17.7 R	046	1997 SG ₁₆	1999 01	18.31066	07 43 03.85	+18 38 19.5	17.7	704
1997 SF	1999 01	20.86253	05 50 48.56	+25 14 55.6		046	1997 SG ₁₆	1999 01	18.33269	07 43 02.51	+18 38 22.8	18.1	704
1997 SF	1999 01	20.86627	05 50 48.50	+25 14 55.8		046	1997 SG ₁₆	1999 01	18.35635	07 43 01.18	+18 38 26.9	17.9	704
1997 SN	1999 01	07.13495	08 45 10.79	+06 06 32.2		557	1997 SG ₁₆	1999 01	18.37850	07 42 59.96	+18 38 28.7	18.1	704
1997 SN	1999 01	07.13706	08 45 10.69	+06 06 32.2		557	1997 SG ₁₆	1999 01	18.40054	07 42 58.65	+18 38 31.8	18.6	704
1997 SN	1999 01	07.13916	08 45 10.59	+06 06 32.3		557	1997 SL ₁₆	1999 01	17.58799	06 32 35.32	+10 27 35.5	18.1 V	402
1997 SN	1999 01	07.14125	08 45 10.48	+06 06 32.2		557	1997 SL ₁₆	1999 01	17.59008	06 32 35.21	+10 27 36.4		402
1997 SN	1999 01	14.29951	08 38 56.71	+06 10 19.4	18.3 R	699	1997 SL ₁₆	1999 01	17.59216	06 32 35.09	+10 27 37.1		402
1997 SN	1999 01	14.31990	08 38 55.47	+06 10 20.5		699	1997 SL ₁₆	1999 01	18.19878	06 32 04.31	+10 30 51.3	18.1	704
1997 SN	1999 01	14.34036	08 38 54.32	+06 10 23.2		699	1997 SL ₁₆	1999 01	18.22090	06 32 03.09	+10 30 57.8	18.3	704
1997 SQ	1999 01	12.94216	08 00 22.30	+21 27 23.6		557	1997 SL ₁₆	1999 01	18.24363	06 32 01.88	+10 31 06.1	18.0	704
1997 SQ	1999 01	12.94612	08 00 22.07	+21 27 24.3		557	1997 SL ₁₆	1999 01	18.26564	06 32 00.68	+10 31 12.3	18.4	704
1997 SQ	1999 01	12.94810	08 00 22.00	+21 27 25.1		557	1997 SL ₁₆	1999 01	18.62914	06 31 42.29	+10 33 08.6	17.8 V	402
1997 SQ	1999 01	17.84678	07 55 52.41	+21 40 29.0	18.7 V	557	1997 SL ₁₆	1999 01	18.63053	06 31 42.22	+10 33 09.0		402
1997 SQ	1999 01	17.85259	07 55 52.11	+21 40 29.9		557	1997 SL ₁₆	1999 01	18.63192	06 31 42.13	+10 33 09.5		402
1997 SR	1999 01	16.10788	05 38 15.00	+36 13 54.6	19.0	704	1997 SL ₁₆	1999 01	20.19045	06 30 24.86	+10 41 36.7	18.0	704
1997 SR	1999 01	16.12989	05 38 13.90	+36 13 48.6	19.0	704	1997 SL ₁₆	1999 01	20.21223	06 30 23.96	+10 41 42.7	18.0	704
1997 SR	1999 01	16.15265	05 38 12.79	+36 13 41.9	19.4	704	1997 SL ₁₆	1999 01	20.23419	06 30 22.92	+10 41 50.5	18.4	704
1997 SR	1999 01	16.17470	05 38 11.62	+36 13 36.6	19.4	704	1997 SL ₁₆	1999 01	20.25605	06 30 21.75	+10 41 59.0	18.4	704
1997 SD ₁	1999 01	07.24631	04 19 23.63	+12 18 02.1	18.4	704	1997 SL ₁₆	1999 01	20.27861	06 30 20.60	+10 42 05.6	18.6	704
1997 SD ₁	1999 01	07.25669	04 19 23.33	+12 18 02.0	18.4	704	1997 SO ₁₇	1999 01	18.31066	07 39 57.61	+18 55 25.2	17.8	704
1997 SD ₁	1999 01	07.26701	04 19 22.99	+12 17 58.0	18.8	704	1997 SO ₁₇	1999 01	18.33269	07 39 56.34	+18 55 29.9	18.3	704
1997 SK ₁	1999 01	18.85328	05 56 24.43	+28 41 02.0	17.6 R	046	1997 SO ₁₇	1999 01	18.35635	07 39 54.93	+18 55 34.6	18.6	704
1997 SK ₁	1999 01	18.85520	05 56 24.34	+28 41 01.8		046	1997 SO ₁₇	1999 01	18.37850	07 39 53.64	+18 55 37.1	18.7	704
1997 SK ₁	1999 01	18.85741	05 56 24.21	+28 41 01.3		046	1997 SO ₁₇	1999 01	18.40054	07 39 52.37	+18 55 39.5	18.7	704
1997 SK ₁	1999 01	19.09206	05 56 14.49	+28 40 31.5	18.1	704	1997 SO ₁₇	1999 01	24.76573	07 34 08.93	+19 12 22.3	18.5	120
1997 SK ₁	1999 01	19.11401	05 56 13.34	+28 40 27.2	18.1	704	1997 SO ₁₇	1999 01	24.78745	07 34 07.74	+19 12 25.8		120
1997 SK ₁	1999 01	19.15797	05 56 11.44	+28 40 22.8	18.0	704	1997 SO ₁₇	1999 01	24.81229	07 34 06.54	+19 12 29.7		120
1997 SK ₁	1999 01	19.17993	05 56 10.41	+28 40 18.6	18.2	704	1997 SJ ₂₃	1999 01	19.42487	09 31 48.36	+19 41 26.8	18.0	704
1997 SK ₁	1999 01	19.91630	05 55 39.26	+28 38 39.3	17.4 R	046	1997 SJ ₂₃	1999 01	19.44677	09 31 47.18	+19 41 31.5	18.7	704
1997 SK ₁	1999 01	19.91868	05 55 39.17	+28 38 39.0		046	1997 SJ ₂₃	1999 01	19.46863	09 31 46.12	+19 41 38.8	18.6	704
1997 SK ₁	1999 01	19.92234	05 55 39.00	+28 38 38.5		046	1997 SJ ₂₃	1999 01	19.49049	09 31 45.01	+19 41 42.6	18.6	704
1997 SL ₁	1999 01	18.42259	10 28 52.05	+05 54 32.3	18.3	704	1997 SJ ₂₃	1999 01	19.51247	09 31 43.86	+19 41 48.5	18.7	704
1997 SL ₁	1999 01	18.44462	10 28 51.55	+05 54 36.9	18.6	704	1997 SG ₂₅	1999 01	19.19059	06 37 20.89	+25 54 11.9	19.6	704
1997 SL ₁	1999 01	18.46674	10 28 51.10	+05 54 41.2	18.6	704	1997 SG ₂₅	1999 01	19.21287	06 37 19.42	+25 54 16.3	19.2	704
1997 SL ₁	1999 01	18.48896	10 28 50.54	+05 54 44.2	18.3	704	1997 SG ₂₅	1999 01	19.23514	06 37 18.10	+25 54 16.3	18.6	704
1997 SL ₁	1999 01	18.51098	10 28 49.91	+05 54 46.1	18.3	704	1997 SG ₂₅	1999 01	19.25738	06 37 16.78	+25 54 17.3	19.1	704
1997 SM ₁	1999 01	14.19713	04 39 00.99	+05 12 33.9	16.8 R	699	1997 SG ₂₅	1999 01	21.67316	06 34 56.89	+25 56 57.0	18.5 V	888
1997 SM ₁	1999 01	14.21498	04 39 00.55	+05 12 36.3		699	1997 SG ₂₅	1999 01	21.68323	06 34 56.26	+25 56 57.7		888
1997 SM ₁	1999 01	14.23281	04 39 00.14	+05 12 38.4		699	1997 SK ₂₅	1999 01	13.56995	07 30 03.60	+08 47 58.9	17.5 V	888
1997 SN ₁	1999 01	05.95933	06 12 24.70	+38 46 06.7		557	1997 SK ₂₅	1999 01	22.52163	07 22 38.16	+09 24 13.5	17.5 V	385
1997 SN ₁	1999 01	05.96141	06 12 24.55	+38 46 06.2		557	1997 SE ₃₀	1999 01	22.65109	10 49 04.57	+04 17 55.0	17.1 R	426
1997 SN ₁	1999 01	05.96558	06 12 24.25	+38 46 06.0		557	1997 SE ₃₀	1999 01	22.66026	10 49 04.36	+04 17 55.6	17.1 R	426
1997 SU ₁	1999 01	21.06637	09 22 30.28	+12 30 23.5	18.3 R	046	1997 SE ₃₀	1999 01	22.66940	10 49 04.19	+04 17 56.0	17.1 R	426
1997 SU ₁	1999 01	21.07102	09 22 30.02	+12 30 24.7		046	1997 SE ₃₀	1999 01	23.61626	10 48 48.04	+04 18 37.4	16.7 R	426
1997 SU ₁	1999 01	21.07292	09 22 29.93	+12 30 25.4		046	1997 SE ₃₀	1999 01	23.62546	10 48 47.88	+04 18 38.1	16.6 R	426
1997 SU ₁	1999 01	21.97832	09 21 42.85	+12 34 17.7	18.8 R	046	1997 SE ₃₀	1999 01	23.63501	10 48 47.65	+04 18 38.7	17.0 R	426
1997 SU ₁	1999 01	21.98976	09 21 42.25	+12 34 21.1		046	1997 SN ₃₁	1999 01	19.29967	07 41 33.78	+29 52 49.6	17.9	704
1997 SU ₁	1999 01	21.99256	09 21 42.13	+12 34 21.7		046	1997 SN ₃₁	1999 01	19.32188	07 41 32.06	+29 52 52.8	18.9	704
1997 SA ₂	1999 01	12.97961	09 07 20.07	+20 33 16.4		557	1997 SN ₃₁	1999 01	19.34403	07 41 30.34	+29 52 53.3	18.8	704
1997 SA ₂	1999 01	12.98159	09 07 19.96	+20 33 16.8		557	1997 SN ₃₁	1999 01	19.36619	07 41 28.62	+29 52 54.1	18.9	704
1997 SA ₂	1999 01	12.98356	09 07 19.90	+20 33 17.3		557	1997 SN ₃₁	1999 01	19.38824	07 41 27.04	+29 52 55.9	18.3	704
1997 SL ₂	1999 01	22.06666	08 06 40.81	+19 20 40.6	17.4 R	046	1997 SR ₃₁	1999 01	19.42501	09 37 51.19	+18 51 18.0	18.3	704
1997 SL ₂	1999 01	22.06841	08 06 40.73	+19 20 41.3		046	1997 SR ₃₁	1999 01	19.46877	09 37 48.98	+18 51 28.0	19.1	704
1997 SL ₂	1999 01	22.07198	08 06 40.52	+19 20 42.7		046	1997 SR ₃₁	1999 01	19.49064	09 37 47.72	+18 51 32.8	19.3	704
1997 SL ₂	1999 01	23.99240	08 04 51.52	+19 31 20.0	17.5 R	046	1997 TR	1999 01	16.82250	05 09 29.16	+34 56 12.7		118
1997 SL ₂	1999 01	23.99615	08 04 51.28	+19 31 20.9		046	1997 TR	1999 01	16.82667	05 09 28.96	+34 56 11.8		118
1997 SL ₂	1999 01	23.99969	08 04 51.10	+19 31 22.2		046	1997 TR	1999 01	16.82947	05 09 28.93	+34 56 11.3	17.6 R	118
1997 SA ₃	1999 01	20.02159	07 10 22.56	+17 07 31.8		595	1997 TK ₁	1999 01	06.28013	04 01 44.08	+26 28 28.4	17.4 R	699
1997 SA ₃	1999 01	20.04066	07 10 21.49	+17 07 35.4		595	1997 TK ₁	1999 01	06.30054	04 01 43.63	+26 28 22.6		699
1997 SA ₃	1999 01	21.02770	07 09 28.83	+17 09 35.8	17.9 V	595	1997 TK ₁	1999 01	06.32104	04 01 43.28	+26 28 20.8		699
1997 SA ₃	1999 01	21.06394	07 09 26.84	+17 09 40.7		595	1997 TY ₇	1999 01	06.91350	04 56 11.44	+22 48 09.8	17.9 R	046
1997 SE ₃	1999 01	09.63393	08 57 04.64	-01 00 58.0	17.4 R	426	1997 TY ₇	1999 01	06.91747	04 56 11.27	+22 48 09.5		046
1997 SE ₃	1999 01	09.64642	08 57 04.13	-01 00 55.4	17.3 R	426	1997 TY ₇	1999 01	06.91973	04 56 11.17	+22 48 09.9		046
1997 SE ₃	1999 01	09.65887	08 57 03.63	-01 00 52.9	17.5 R	426	1997 TY ₇	1999 01	16.95802	04 50 52.15	+22 44 08.5		046
1997 SE ₃	1999 01	12.61563	08 55 01.37	-00 49 19.8	17.2 R	426	1997 TY ₇	1999 01	16.95991	04 50 52.11	+22 44 09.1		046
1997 SE ₃	1999 01	12.62663	08 55 00.86	-00 49 17.0	17.2 R	426	1997 TY ₇	1999 01	16.96174	04 50 52.03	+22 44 08.1	18.2 R	046
1997 SE ₃	1999 01	12.63581	08 55 00.44	-00 49 15.2	17.1 R	426	1997 TZ ₇	1999 01	16.09755	06 12 57.81	+		

1997 TF ₁₉	1999 01	15.68353	08 30	57.72	+21 33	48.5		385	1997 UG ₇	1999 01	09.33884	07 17	46.10	+38 03	24.3		699
1997 TF ₁₉	1999 01	16.31500	08 30	25.66	+21 35	47.2	18.5 V	691	1997 UG ₇	1999 01	09.35672	07 17	44.71	+38 03	24.1		699
1997 TF ₁₉	1999 01	16.36221	08 30	23.05	+21 35	55.5	19.0 V	691	1997 UG ₇	1999 01	16.20328	07 09	22.83	+37 48	38.2	18.9	704
1997 TF ₁₉	1999 01	16.52242	08 30	15.20	+21 36	24.9	19.0 V	385	1997 UG ₇	1999 01	16.22525	07 09	21.20	+37 48	34.3	18.5	704
1997 TF ₁₉	1999 01	16.53407	08 30	14.51	+21 36	26.9		385	1997 UG ₇	1999 01	16.24734	07 09	19.51	+37 48	30.5	18.7	704
1997 TF ₁₉	1999 01	19.32141	08 27	50.71	+21 45	09.7	19.1 V	691	1997 UG ₇	1999 01	16.26926	07 09	17.80	+37 48	26.8	18.9	704
1997 TF ₁₉	1999 01	19.34427	08 27	49.50	+21 45	14.0	19.0 V	691	1997 UG ₇	1999 01	19.20078	07 05	51.57	+37 38	57.7	18.5	704
1997 TF ₁₉	1999 01	19.36780	08 27	48.26	+21 45	18.5	18.9 V	691	1997 UG ₇	1999 01	19.22320	07 05	50.03	+37 38	53.2	18.6	704
1997 TG ₁₉	1999 01	12.62803	08 23	55.55	+23 21	30.7	18 V	888	1997 UG ₇	1999 01	19.24533	07 05	48.50	+37 38	48.2	18.9	704
1997 TG ₁₉	1999 01	12.65683	08 23	53.63	+23 21	37.6		888	1997 UG ₇	1999 01	19.26762	07 05	46.72	+37 38	44.7	19.3	704
1997 TJ ₁₉	1999 01	13.77950	10 40	23.79	+17 25	56.2	17.5 V	888	1997 UG ₇	1999 01	19.28975	07 05	45.20	+37 38	40.3	19.5	704
1997 TJ ₁₉	1999 01	13.79043	10 40	23.56	+17 25	58.8		888	1997 UU ₇	1999 01	06.12791	07 44	01.66	+13 03	14.8		557
1997 TJ ₁₉	1999 01	14.72703	10 40	05.66	+17 29	52.0		888	1997 UU ₇	1999 01	06.12988	07 44	01.53	+13 03	14.9		557
1997 TJ ₁₉	1999 01	14.75523	10 40	05.06	+17 29	59.9		888	1997 UU ₇	1999 01	06.13186	07 44	01.42	+13 03	15.2		557
1997 TY ₂₄	1999 01	22.45818	09 07	08.35	+14 36	03.5	19.8 V	691	1997 UU ₇	1999 01	18.30851	07 31	11.35	+13 50	54.9	18.1	704
1997 TY ₂₄	1999 01	22.47923	09 07	07.17	+14 36	09.2	20.3 V	691	1997 UU ₇	1999 01	18.35417	07 31	08.47	+13 51	07.2	18.8	704
1997 TY ₂₄	1999 01	22.50182	09 07	05.94	+14 36	13.2	20.2 V	691	1997 UU ₇	1999 01	18.37635	07 31	07.03	+13 51	13.4	18.5	704
1997 TS ₂₅	1999 01	20.18987	06 33	24.31	+15 46	00.5	18.1	704	1997 UU ₇	1999 01	20.20870	07 29	12.16	+13 59	14.7	19.0	704
1997 TS ₂₅	1999 01	20.21165	06 33	23.51	+15 46	00.7	18.1	704	1997 UU ₇	1999 01	20.23068	07 29	10.65	+13 59	19.4		704
1997 TS ₂₅	1999 01	20.23363	06 33	23.06	+15 46	00.8	18.1	704	1997 UU ₇	1999 01	20.25252	07 29	09.23	+13 59	24.3	18.4	704
1997 TS ₂₅	1999 01	20.27803	06 33	21.41	+15 46	01.2	18.6	704	1997 UU ₇	1999 01	20.27503	07 29	07.98	+13 59	29.0	19.9	704
1997 TF ₂₆	1999 01	11.65106	09 28	54.73	+18 39	40.0	18	411	1997 UW ₈	1999 01	14.38704	08 40	18.85	+15 58	55.9	19.5 V	691
1997 TF ₂₆	1999 01	11.67001	09 28	53.84	+18 39	41.5		411	1997 UW ₈	1999 01	14.40874	08 40	17.66	+15 59	00.7	19.1 V	691
1997 TF ₂₆	1999 01	12.57922	09 28	15.67	+18 42	12.0		411	1997 UW ₈	1999 01	14.43947	08 40	15.99	+15 59	07.3	19.3 V	691
1997 TF ₂₆	1999 01	12.59553	09 28	14.88	+18 42	14.8		411	1997 UV ₁₀	1999 01	18.42496	08 47	59.20	+05 35	14.0	17.1	704
1997 UH	1999 01	07.12626	07 57	46.90	+05 36	38.5		557	1997 UV ₁₀	1999 01	18.44701	08 47	57.98	+05 35	14.3	17.1	704
1997 UH	1999 01	07.13045	07 57	46.68	+05 36	39.2		557	1997 UV ₁₀	1999 01	18.46911	08 47	56.88	+05 35	15.7	17.7	704
1997 UH	1999 01	18.33940	07 47	41.96	+06 35	55.5	18.4	704	1997 UV ₁₀	1999 01	18.49134	08 47	55.75	+05 35	15.6	17.7	704
1997 UH	1999 01	18.36249	07 47	40.81	+06 36	04.0	18.4	704	1997 UV ₁₀	1999 01	18.51336	08 47	54.51	+05 35	15.4	17.3	704
1997 UH	1999 01	18.38455	07 47	39.42	+06 36	11.8	18.2	704	1997 UV ₁₀	1999 01	13.40206	10 40	42.37	+06 47	19.8	18.0 R	684
1997 UK	1999 01	15.44807	09 23	07.73	+14 41	09.9	19.1 V	691	1997 UY ₁₀	1999 01	13.42789	10 40	42.00	+06 47	21.9		684
1997 UK	1999 01	15.46967	09 23	06.70	+14 41	14.1	18.9 V	691	1997 UY ₁₀	1999 01	14.37836	10 40	28.63	+06 48	36.8		684
1997 UK	1999 01	15.49121	09 23	05.69	+14 41	18.9	18.9 V	691	1997 UY ₁₀	1999 01	14.39601	10 40	28.33	+06 48	37.7	18.1 R	684
1997 UK	1999 01	19.07944	09 20	13.98	+14 54	14.0	17.5 R	046	1997 UC ₁₁	1999 01	11.50987	05 40	31.87	+05 56	38.3		385
1997 UK	1999 01	19.08138	09 20	13.88	+14 54	14.5		046	1997 UC ₁₁	1999 01	11.52045	05 40	30.99	+05 56	35.6		385
1997 UK	1999 01	19.08355	09 20	13.77	+14 54	14.7		046	1997 UD ₁₁	1999 01	16.19311	06 33	02.69	+25 12	53.7	18.6	704
1997 UK	1999 01	20.14184	09 19	19.95	+14 58	16.6	17.8 R	046	1997 UD ₁₁	1999 01	16.21507	06 33	01.58	+25 12	53.7	18.5	704
1997 UK	1999 01	20.14402	09 19	19.84	+14 58	17.1		046	1997 UD ₁₁	1999 01	16.23704	06 33	00.47	+25 12	56.3	18.5	704
1997 UK	1999 01	20.14862	09 19	19.61	+14 58	18.2		046	1997 UD ₁₁	1999 01	16.25912	06 32	59.32	+25 12	56.6	18.8	704
1997 UK	1999 01	21.02645	09 18	34.27	+15 01	43.2	17.7 R	046	1997 UD ₁₁	1999 01	19.19045	06 30	36.71	+25 14	51.7	19.2	704
1997 UK	1999 01	21.02884	09 18	34.11	+15 01	43.8		046	1997 UD ₁₁	1999 01	19.23499	06 30	34.53	+25 14	53.2	18.6	704
1997 UK	1999 01	21.03253	09 18	33.94	+15 01	44.7		046	1997 UD ₁₁	1999 01	19.25723	06 30	33.53	+25 14	53.4	19.5	704
1997 UK	1999 01	23.41749	09 16	26.07	+15 11	18.2	18.7 V	691	1997 UD ₁₁	1999 01	19.27946	06 30	32.35	+25 14	53.9	19.5	704
1997 UK	1999 01	23.43895	09 16	24.86	+15 11	23.5	18.7 V	691	1997 UD ₁₁	1999 01	21.65623	06 28	42.42	+25 16	11.8	17.5 V	888
1997 UK	1999 01	23.46027	09 16	23.66	+15 11	28.7	18.7 V	691	1997 UD ₁₁	1999 01	21.66465	06 28	42.07	+25 16	11.8		888
1997 UB ₁	1999 01	19.12969	09 54	06.98	+20 21	08.3	18.7 V	104	1997 UV ₁₄	1999 01	11.68345	09 47	03.83	+02 27	02.6	17.5 R	426
1997 UB ₁	1999 01	19.15197	09 54	05.95	+20 21	15.3		104	1997 UV ₁₄	1999 01	11.69455	09 47	03.46	+02 27	03.6	17.2 R	426
1997 UB ₁	1999 01	20.08003	09 53	22.21	+20 26	09.2		104	1997 UV ₁₄	1999 01	11.70580	09 47	03.10	+02 27	04.3	17.6 R	426
1997 UB ₁	1999 01	20.09539	09 53	21.43	+20 26	13.0		104	1997 UV ₁₄	1999 01	13.71311	09 46	03.73	+02 29	15.3	17.4 R	426
1997 UG ₁	1998 12	27.33778	09 45	53.58	+27 55	27.9	18.9 R	699	1997 UV ₁₄	1999 01	13.73057	09 46	03.12	+02 29	16.8	17.4 R	426
1997 UG ₁	1998 12	27.36325	09 45	53.14	+27 55	34.7		699	1997 UV ₁₄	1999 01	13.74729	09 46	02.59	+02 29	18.0	17.2 R	426
1997 UG ₁	1998 12	27.38876	09 45	52.70	+27 55	42.4		699	1997 UV ₁₄	1999 01	15.35258	09 45	11.66	+02 31	27.2	17.4 R	699
1997 UG ₁	1998 12	29.71198	09 45	11.85	+28 07	11.6	17.8 V	385	1997 UV ₁₄	1999 01	15.37814	09 45	10.82	+02 31	29.4		699
1997 UG ₁	1998 12	29.72992	09 45	11.46	+28 07	18.1		385	1997 UV ₁₄	1999 01	15.40366	09 45	09.93	+02 31	31.8		699
1997 UG ₁	1999 01	09.44561	09 40	13.98	+29 03	28.6	18.4 R	699	1997 UW ₁₄	1999 01	12.95968	08 37	20.70	+27 46	07.0		557
1997 UG ₁	1999 01	09.48123	09 40	12.58	+29 03	40.4		699	1997 UW ₁₄	1999 01	12.96164	08 37	20.59	+27 46	07.9		557
1997 UG ₁	1999 01	09.50159	09 40	11.95	+29 03	46.4		699	1997 UW ₁₄	1999 01	12.96362	08 37	20.47	+27 46	08.1		557
1997 UG ₁	1999 01	13.72230	09 37	28.37	+29 26	22.3	17.5 V	888	1997 UY ₁₄	1999 01	13.43990	09 55	05.71	+16 50	52.9	19.1 R	699
1997 UG ₁	1999 01	13.72721	09 37	28.18	+29 26	23.9		888	1997 UY ₁₄	1999 01	13.46028	09 55	05.07	+16 50	56.4		699
1997 UG ₁	1999 01	21.78225	09 31	14.96	+30 07	43.4	18 V	888	1997 UY ₁₄	1999 01	13.48067	09 55	04.40	+16 51	01.6		699
1997 UG ₁	1999 01	21.79089	09 31	14.53	+30 07	45.8		888	1997 UC ₁₅	1999 01	19.42573	09 39	34.01	+14 18	55.9	18.9	704
1997 UJ ₁	1999 01	22.40734	10 48	51.86	+13 02	34.1	18.8 R	684	1997 UC ₁₅	1999 01	19.44764	09 39	32.97	+14 19	02.8	19.5	704
1997 UJ ₁	1999 01	22.41822	10 48	51.61	+13 02	36.1		684	1997 UC ₁₅	1999 01	19.46950	09 39	32.04				

1997 VC ₁	1999 01	13.68676	09 29 10.15	+19 06 07.7	17.8 R	426	1997 VG ₈	1999 01	11.61219	08 19 14.26	+29 54 25.2	18.4 R	426
1997 VC ₁	1999 01	13.69460	09 29 09.92	+19 06 09.3	17.9 R	426	1997 VG ₈	1999 01	11.62450	08 19 13.57	+29 54 28.1	18.2 R	426
1997 VC ₁	1999 01	16.63127	09 27 10.68	+19 18 56.2	18.0 R	426	1997 VG ₈	1999 01	14.36931	09 27 40.60	+13 21 24.6	17.9 R	699
1997 VC ₁	1999 01	16.66358	09 27 09.15	+19 19 05.8	18.4 R	426	1997 VY ₈	1999 01	14.40939	09 27 38.87	+13 21 27.4		699
1997 VF ₁	1999 01	21.82156	10 37 21.16	+24 54 31.4	18.5 V	888	1997 VY ₈	1999 01	14.42980	09 27 37.97	+13 21 28.4		699
1997 VF ₁	1999 01	21.83279	10 37 20.55	+24 54 33.1		888	1997 VY ₈	1999 01	17.87609	09 25 08.87	+13 25 06.5	18.2	120
1997 VF ₁	1999 01	22.80691	10 36 37.30	+24 58 19.9	18.5 V	888	1997 VY ₈	1999 01	17.92514	09 25 06.62	+13 25 08.9		120
1997 VF ₁	1999 01	22.83656	10 36 35.93	+24 58 26.8		888	1997 VY ₈	1999 01	17.94568	09 25 05.63	+13 25 10.1		120
1997 VG ₁	1998 09	22.08592	03 13 46.30	+16 49 45.9	18.3 V	910	1997 VY ₈	1999 01	19.93632	09 23 34.82	+13 27 37.2	18.0	120
1997 VG ₁	1998 09	22.10704	03 13 46.05	+16 49 45.2	18.3 V	910	1997 VY ₈	1999 01	19.99782	09 23 31.90	+13 27 42.3		120
1997 VG ₁	1998 09	22.12318	03 13 45.86	+16 49 44.7	18.9 V	910	1997 VY ₈	1999 01	20.01780	09 23 30.97	+13 27 43.7		120
1997 VJ ₁	1999 01	13.45137	09 52 25.89	+12 14 09.3	18.4 R	699	1997 WB ₁	1999 01	22.44730	11 15 05.84	+06 27 36.9		684
1997 VJ ₁	1999 01	13.47175	09 52 25.04	+12 14 05.1		699	1997 WB ₁	1999 01	22.49453	11 15 04.87	+06 27 41.9		684
1997 VJ ₁	1999 01	13.49213	09 52 24.17	+12 14 01.7		699	1997 WB ₁	1999 01	23.45065	11 14 48.74	+06 29 07.2	19.0 R	684
1997 VJ ₁	1999 01	24.00521	09 43 51.94	+11 51 55.6	18.0	120	1997 WB ₁	1999 01	23.47505	11 14 48.29	+06 29 09.1		684
1997 VJ ₁	1999 01	24.02043	09 43 51.24	+11 51 53.8		120	1997 WD ₃	1999 01	13.50082	12 03 35.45	+03 49 33.6	17.9 R	699
1997 VJ ₁	1999 01	24.05236	09 43 49.29	+11 51 50.2		120	1997 WD ₃	1999 01	13.51609	12 03 35.79	+03 49 32.5		699
1997 VN ₁	1999 01	14.36167	09 17 04.59	+14 34 19.6	18.5 R	699	1997 WD ₃	1999 01	13.53139	12 03 36.00	+03 49 33.8		699
1997 VN ₁	1999 01	14.40174	09 17 02.98	+14 34 27.1		699	1997 WR ₃	1999 01	28.80334	11 31 01.71	+13 50 45.4	18 V	888
1997 VN ₁	1999 01	14.42214	09 17 02.14	+14 34 30.1		699	1997 WR ₃	1999 01	28.81451	11 31 01.48	+13 50 48.6		888
1997 VN ₁	1999 01	15.44337	09 16 20.55	+14 37 46.1	18.4 V	691	1997 WU ₃	1999 01	22.18113	13 49 05.38	+16 21 51.3	16.9 R	046
1997 VN ₁	1999 01	15.46497	09 16 19.62	+14 37 50.4	18.3 V	691	1997 WU ₃	1999 01	22.18359	13 49 05.56	+16 21 52.5		046
1997 VN ₁	1999 01	15.48651	09 16 18.72	+14 37 54.7	18.3 V	691	1997 WU ₃	1999 01	22.18567	13 49 05.72	+16 21 53.4		046
1997 VN ₁	1999 01	23.41339	09 10 31.33	+15 05 11.4	18.1 V	691	1997 WU ₃	1999 01	23.20324	13 50 24.88	+16 29 58.2	17.0 R	046
1997 VN ₁	1999 01	23.43486	09 10 30.32	+15 05 15.7	18.1 V	691	1997 WU ₃	1999 01	23.20637	13 50 25.13	+16 29 59.4		046
1997 VN ₁	1999 01	23.45618	09 10 29.32	+15 05 20.3	18.1 V	691	1997 WU ₃	1999 01	23.20824	13 50 25.26	+16 30 00.3		046
1997 VY ₁	1999 01	10.35537	10 25 57.77	+05 20 27.7		684	1997 WM ₁₆	1999 01	14.45308	10 27 41.15	+13 47 17.6	17.8 R	699
1997 VY ₁	1999 01	10.38440	10 25 57.25	+05 20 29.3	18.1 R	684	1997 WM ₁₆	1999 01	14.46837	10 27 40.71	+13 47 21.5		699
1997 VY ₁	1999 01	10.39278	10 25 57.08	+05 20 29.1		684	1997 WM ₁₆	1999 01	14.48366	10 27 40.32	+13 47 27.1		699
1997 VY ₁	1999 01	13.38728	10 24 59.54	+05 23 06.0	17.9 R	684	1997 WM ₁₆	1999 01	16.47110	10 26 44.00	+13 59 19.6	17.9 V	691
1997 VY ₁	1999 01	13.40894	10 24 59.04	+05 23 07.3		684	1997 WM ₁₆	1999 01	16.50587	10 26 42.89	+13 59 32.3	17.8 V	691
1997 VY ₁	1999 01	13.72174	10 24 52.45	+05 23 32.7	17.9 R	426	1997 WM ₁₆	1999 01	16.54606	10 26 41.64	+13 59 46.3	17.7 V	691
1997 VY ₁	1999 01	13.73878	10 24 52.01	+05 23 33.4	17.7 R	426	1997 WM ₁₆	1999 01	22.71028	10 23 06.67	+14 40 06.3	17.4 V	900
1997 VY ₁	1999 01	13.75553	10 24 51.65	+05 23 34.5	17.6 R	426	1997 WM ₁₆	1999 01	22.72989	10 23 05.85	+14 40 14.8		900
1997 VY ₁	1999 01	14.64779	10 24 32.08	+05 24 38.4	17.5 R	426	1997 WM ₁₆	1999 01	26.67801	10 20 18.49	+15 08 20.9	17.4 V	900
1997 VY ₁	1999 01	14.66119	10 24 31.84	+05 24 38.8	17.8 R	426	1997 WM ₁₆	1999 01	26.69762	10 20 17.56	+15 08 29.2		900
1997 VY ₁	1999 01	14.67369	10 24 31.50	+05 24 39.9	18.0 R	426	1997 WZ ₁₆	1999 01	20.20218	07 11 57.33	+13 35 52.7	18.6	704
1997 VY ₁	1999 01	15.42067	10 24 14.26	+05 25 34.6	17.7 R	699	1997 WZ ₁₆	1999 01	20.22398	07 11 56.05	+13 35 53.0	18.1	704
1997 VY ₁	1999 01	15.44617	10 24 13.65	+05 25 35.1		699	1997 WZ ₁₆	1999 01	20.24599	07 11 54.82	+13 35 53.2		704
1997 VY ₁	1999 01	15.47164	10 24 13.01	+05 25 38.9		699	1997 WZ ₁₆	1999 01	20.26780	07 11 53.51	+13 35 53.4	18.4	704
1997 VY ₁	1999 01	18.42274	10 22 58.39	+05 30 10.8	17.9	704	1997 WP ₂₈	1999 01	06.13417	07 45 14.05	+17 23 54.9		557
1997 VY ₁	1999 01	18.44477	10 22 57.73	+05 30 14.3	17.9	704	1997 WP ₂₈	1999 01	06.13812	07 45 13.82	+17 23 54.8		557
1997 VY ₁	1999 01	18.46689	10 22 57.13	+05 30 15.7	18.1	704	1997 WP ₂₈	1999 01	06.14010	07 45 13.71	+17 23 54.6		557
1997 VY ₁	1999 01	18.48911	10 22 56.63	+05 30 19.0	18.1	704	1997 WP ₂₈	1999 01	06.14208	07 45 13.60	+17 23 54.4		557
1997 VD ₃	1999 01	15.19605	12 00 14.73	+00 04 46.1	19.2 V	910	1997 WP ₂₈	1999 01	18.30896	07 33 51.55	+17 20 30.4	18.5	704
1997 VD ₃	1999 01	15.21264	12 00 14.94	+00 04 45.1	19.4 V	910	1997 WP ₂₈	1999 01	18.33098	07 33 50.30	+17 20 30.0	18.7	704
1997 VD ₃	1999 01	15.22867	12 00 15.14	+00 04 43.5	19.3 V	910	1997 WP ₂₈	1999 01	18.35461	07 33 49.05	+17 20 28.0	18.5	704
1997 VD ₃	1999 01	28.04131	12 01 06.09	+00 02 18.0	19.0	120	1997 WP ₂₈	1999 01	18.37679	07 33 47.67	+17 20 27.0	18.8	704
1997 VD ₃	1999 01	28.11388	12 01 05.44	+00 02 21.5		120	1997 WB ₃₃	1999 01	14.37185	09 33 06.36	+09 43 55.2	19.2 R	699
1997 VN ₃	1999 01	23.32054	09 18 29.27	+11 49 10.4	18.6	704	1997 WB ₃₃	1999 01	14.41193	09 33 05.01	+09 43 59.9		699
1997 VN ₃	1999 01	23.34256	09 18 28.11	+11 49 12.3	19.0	704	1997 WB ₃₃	1999 01	14.43236	09 33 04.23	+09 44 01.9		699
1997 VN ₃	1999 01	23.36436	09 18 26.92	+11 49 12.7	19.7	704	1997 WT ₃₄	1999 01	15.03300	10 44 26.72	+08 17 43.6	19.2 V	910
1997 VN ₃	1999 01	23.38617	09 18 25.84	+11 49 14.8	19.7	704	1997 WT ₃₄	1999 01	15.05804	10 44 26.15	+08 17 48.7	19.6 V	910
1997 VN ₃	1999 01	23.40798	09 18 24.71	+11 49 18.7	18.9	704	1997 WT ₃₄	1999 01	15.08141	10 44 25.63	+08 17 53.0	19.3 V	910
1997 VD ₄	1999 01	18.43772	08 57 34.01	+15 06 36.6	17.6	704	1997 WT ₃₄	1999 01	15.12266	10 44 24.70	+08 18 00.6	19.4 V	910
1997 VD ₄	1999 01	18.45978	08 57 32.78	+15 06 40.7	17.7	704	1997 WT ₃₄	1999 01	15.14735	10 44 24.13	+08 18 05.4	19.2 V	910
1997 VD ₄	1999 01	18.48202	08 57 31.76	+15 06 45.0	17.7	704	1997 WT ₃₄	1999 01	15.17870	10 44 23.36	+08 18 10.5	18.8 V	910
1997 VD ₄	1999 01	18.50410	08 57 30.63	+15 06 49.4	17.9	704	1997 WT ₃₄	1999 01	19.98864	10 42 22.65	+08 35 19.8	19.1 V	910
1997 VD ₄	1999 01	18.52616	08 57 29.43	+15 06 53.1	17.7	704	1997 WT ₃₄	1999 01	20.01226	10 42 21.95	+08 35 25.5	19.1 V	910
1997 VG ₄	1999 01	13.50463	12 08 51.62	+00 13 15.5	18.6 R	699	1997 WT ₃₄	1999 01	20.04473	10 42 20.98	+08 35 33.3	19.0 V	910
1997 VG ₄	1999 01	13.51992	12 08 52.10	+00 13 13.8		699	1997 WT ₃₄	1999 01	21.02359	10 41 52.21	+08 39 28.8	19.0 V	910
1997 VG ₄	1999 01	13.53521	12 08 52.50	+00 13 11.5		699	1997 WT ₃₄	1999 01	21.04788	10 41 51.45	+08 39 34.6	18.8 V	910
1997 VG ₄	1999 01	15.20253	12 09 36.20	+00 10 12.8	19.1 V	910	1997 WT ₃₄	1999 01	21.07674	10 41 50.56	+08 39 41.7	18.9 V	910
1997 VG ₄	1999 01	15.21913	12 09 36.59	+00 10 11.2	19.1 V	910	1997 WU ₃₅	1999 01	15.04227	10 57 51.33	+07 49 37.7	19.0 V	910
1997 VG ₄	1999 01	15.23515	12 09 36.97	+00 10 09.4	19.2 V	910	1997 WU ₃₅	1999 01	15.06731	10 57 51.01	+07 49 39.6	18.9 V	910
1997 VG ₄	1999 01	19.18350	12 11 05.56	+00 04 49.0	20.2 V	910	1997 WU ₃₅	1999 01	15.09069	10 57 50.75	+07 49 40.7	19.0 V	910
1997 VG ₄	1999 01	19.19917	12 11 05.86	+00 04 49.1	19.0 V	910	1997 WU ₃₅	1999 01	15.13194	10 57 50.25	+07 49 43.6	18.8 V	910
1997 VG ₄	1999 01	19.21510	12 11 06.15	+00 04 48.2	19.0 V								

1997 XX ₅	1999 01	07.53099	08 47 15.82	+16 27 47.7	18.3	V	691	1998 BX ₁₃	1999 01	16.40750	08 25 40.16	+20 03 45.6	18.0	V	691
1997 XX ₅	1999 01	17.32080	08 39 35.93	+16 54 52.2	18.3	V	691	1998 BX ₁₃	1999 01	16.43095	08 25 38.92	+20 03 50.6	18.2	V	691
1997 XX ₅	1999 01	17.34270	08 39 34.80	+16 54 56.1	18.1	V	691	1998 BX ₁₃	1999 01	19.31267	08 23 09.76	+20 15 05.8	17.9		704
1997 XX ₅	1999 01	18.43179	08 38 40.01	+16 58 09.6	18.6		704	1998 BX ₁₃	1999 01	19.33487	08 23 08.58	+20 15 10.3	17.4		704
1997 XX ₅	1999 01	18.45383	08 38 38.78	+16 58 15.4	17.7		704	1998 BX ₁₃	1999 01	19.37907	08 23 06.26	+20 15 21.4	17.5		704
1997 XX ₅	1999 01	18.49817	08 38 36.47	+16 58 23.0	19.0		704	1998 BX ₁₃	1999 01	19.40111	08 23 04.81	+20 15 27.9	18.3		704
1997 XX ₅	1999 01	18.52020	08 38 35.38	+16 58 27.5	18.7		704	1998 CH	1999 01	22.18851	14 19 28.89	+12 08 36.3	17.3	R	046
1997 YA	1999 01	11.64447	09 28 40.11	+30 47 23.2	17.1	R	426	1998 CH	1999 01	22.19073	14 19 29.01	+12 08 37.3			046
1997 YA	1999 01	11.66912	09 28 39.07	+30 47 33.9	18.0	R	426	1998 CH	1999 01	22.19286	14 19 29.14	+12 08 37.7			046
1997 YA	1999 01	13.69069	09 27 16.63	+31 02 25.0	16.6	R	426	1998 CH	1999 01	23.18204	14 20 21.30	+12 12 40.8	17.1	R	046
1997 YA	1999 01	13.69858	09 27 16.25	+31 02 27.9	16.7	R	426	1998 CH	1999 01	23.18382	14 20 21.43	+12 12 40.6			046
1997 YA	1999 01	13.70720	09 27 15.94	+31 02 32.2	16.9	R	426	1998 CH	1999 01	23.18647	14 20 21.54	+12 12 41.7			046
1997 YA	1999 01	19.42344	09 22 56.53	+31 43 17.3	17.6		704	1998 CH	1999 01	23.18797	14 20 21.62	+12 12 42.0			046
1997 YA	1999 01	19.44534	09 22 55.52	+31 43 25.9	18.5		704	1998 C _{J2}	1998 01	09.10437	10 02 41.10	+20 23 30.6	17.6		097
1997 YA	1999 01	19.46720	09 22 54.23	+31 43 35.1	18.5		704	1998 C _{J2}	1998 01	09.10721	10 02 41.02	+20 23 30.7	17.7		097
1997 YA	1999 01	19.48906	09 22 53.24	+31 43 44.3	18.4		704	1998 DP	1999 01	19.09433	13 35 41.30	+05 27 38.2	17.7	R	046
1997 YA	1999 01	19.51105	09 22 52.16	+31 43 52.3	18.4		704	1998 DP	1999 01	19.09796	13 35 41.42	+05 27 38.4			046
1997 YO	1999 01	17.50804	14 46 34.83	+02 18 26.8	17.6	V	678	1998 DP	1999 01	19.10037	13 35 41.50	+05 27 38.9			046
1997 YO	1999 01	17.51865	14 46 35.43	+02 18 25.4	17.6	V	678	1998 DP	1999 01	20.18905	13 36 15.37	+05 29 49.2	17.3	R	046
1997 YO	1999 01	23.46971	14 52 54.02	+02 18 57.9	17.9	V	678	1998 DP	1999 01	20.19317	13 36 15.48	+05 29 49.3			046
1997 YO	1999 01	23.52046	14 52 57.03	+02 18 59.3	17.8	V	678	1998 DP	1999 01	20.19565	13 36 15.57	+05 29 49.6			046
1997 YZ	1999 01	13.64532	08 04 06.13	-02 49 59.4	16.2	R	426	1998 DU ₇	1999 01	27.44825	15 22 13.74	-07 55 09.9	20.6		732
1997 YZ	1999 01	13.66012	08 04 05.37	-02 50 00.6	16.3	R	426	1998 DU ₇	1999 01	27.46480	15 22 14.64	-07 55 12.1	20.9		732
1997 YZ	1999 01	13.67463	08 04 04.63	-02 50 01.9	16.3	R	426	1998 DU ₇	1999 01	27.47672	15 22 15.29	-07 55 13.4	21.1		732
1997 YZ	1999 01	14.60420	08 03 18.20	-02 51 22.9	16.2	R	426	1998 DU ₇	1999 01	28.44795	15 23 07.71	-07 57 05.0	18.9		732
1997 YZ	1999 01	14.61747	08 03 17.52	-02 51 24.0	16.1	R	426	1998 DU ₇	1999 01	28.48368	15 23 09.64	-07 57 08.6	19.2		732
1997 YZ	1999 01	22.20354	07 56 51.76	-02 55 53.3	17.6		704	1998 DU ₇	1999 01	28.49510	15 23 10.20	-07 57 09.3	19.1		732
1997 YZ	1999 01	22.22628	07 56 50.59	-02 55 52.9			704	1998 DM ₂₃	1998 01	02.94067	09 24 19.45	+14 08 18.5	19.7		097
1997 YZ	1999 01	22.24835	07 56 49.31	-02 55 52.7			704	1998 DM ₂₃	1998 01	02.94352	09 24 19.35	+14 08 18.5	19.9		097
1997 YZ	1999 01	22.27017	07 56 48.24	-02 55 53.3			704	1998 DM ₂₃	1998 01	02.97207	09 24 18.46	+14 08 18.0	19.7		097
1997 YZ	1999 01	22.29229	07 56 47.05	-02 55 53.3	18.0		704	1998 KS ₄₃	1998 06	24.14724	16 15 58.89	-18 18 22.4	18.4		704
1997 YZ	1999 01	23.20578	07 56 00.76	-02 55 36.1	17.3		704	1998 KS ₄₃	1998 06	24.16554	16 15 57.84	-18 18 38.4	17.9		704
1997 YZ	1999 01	23.22772	07 55 59.65	-02 55 36.0	17.7		704	1998 KS ₄₃	1998 06	24.18399	16 15 56.73	-18 18 51.3	18.1		704
1997 YZ	1999 01	23.24949	07 55 58.51	-02 55 35.0			704	1998 KS ₄₃	1998 06	24.20228	16 15 55.58	-18 19 04.7	18.2		704
1997 YZ	1999 01	23.27122	07 55 57.52	-02 55 34.8	18.8		704	1998 KS ₄₃	1998 06	29.17855	16 11 30.42	-19 19 57.1	17.5	R	699
1997 YZ	1999 01	23.29307	07 55 56.07	-02 55 33.3	19.1		704	1998 KS ₄₃	1998 06	29.20337	16 11 29.15	-19 20 16.1			699
1997 YH ₁	1998 12	27.34161	10 08 31.80	+27 01 39.3	18.3	R	699	1998 KS ₄₃	1998 06	29.22820	16 11 27.87	-19 20 33.8			699
1997 YH ₁	1998 12	27.36707	10 08 31.59	+27 01 49.3			699	1998 KN ₅₂	1998 06	19.15522	15 56 49.69	-08 10 53.2	18.9		704
1997 YH ₁	1998 12	27.39258	10 08 31.44	+27 01 54.4			699	1998 KN ₅₂	1998 06	19.17353	15 56 48.87	-08 10 53.1	19.1		704
1997 YH ₁	1999 01	09.43925	10 05 10.02	+28 13 15.4	18.0	R	699	1998 KN ₅₂	1998 06	19.21048	15 56 47.45	-08 10 48.4	18.8		704
1997 YH ₁	1999 01	09.47484	10 05 09.11	+28 13 28.0			699	1998 KN ₅₂	1998 06	19.22880	15 56 46.75	-08 10 45.5	19.0		704
1997 YH ₁	1999 01	09.49523	10 05 08.48	+28 13 35.5			699	1998 MQ	1999 01	05.42596	01 37 55.63	-10 25 36.1	18.9	R	428
1997 YL ₁	1999 01	15.04516	09 54 38.58	+07 02 11.0	18.0		120	1998 MQ	1999 01	05.43069	01 37 56.63	-10 25 35.1	19.1	R	428
1997 YL ₁	1999 01	15.06668	09 54 37.82	+07 02 15.9			120	1998 MQ	1999 01	06.44788	01 41 28.06	-10 20 29.8	18.8	R	428
1997 YL ₁	1999 01	15.08748	09 54 37.08	+07 02 21.0			120	1998 MQ	1999 01	06.45273	01 41 29.04	-10 20 29.0	19.1	R	428
1997 YL ₁	1999 01	15.34748	09 54 28.17	+07 03 28.2	17.2	R	699	1998 MQ	1999 01	10.49745	01 55 03.10	-09 57 13.1	18.7	R	422
1997 YL ₁	1999 01	15.37303	09 54 27.24	+07 03 34.5			699	1998 MQ	1999 01	10.49831	01 55 03.29	-09 57 12.8	19.2	R	422
1997 YL ₁	1999 01	15.39855	09 54 26.33	+07 03 41.8			699	1998 ML ₁₄	1999 01	10.50084	01 55 03.75	-09 57 12.2	18.9	R	422
1997 YL ₁	1999 01	16.06179	09 54 02.53	+07 06 31.8	18.0		120	1998 ML ₁₄	1999 01	07.46977	06 20 31.03	+28 08 23.4			411
1997 YL ₁	1999 01	16.08274	09 54 01.73	+07 06 37.0			120	1998 ML ₁₄	1999 01	07.47461	06 20 30.59	+28 08 22.3			411
1997 YL ₁	1999 01	16.97626	09 53 28.85	+07 10 36.8	18.1		120	1998 ML ₁₄	1999 01	07.47944	06 20 30.18	+28 08 20.8			411
1997 YL ₁	1999 01	16.99625	09 53 28.15	+07 10 41.8			120	1998 ML ₁₄	1999 01	24.25083	06 05 17.88	+27 11 31.5		I	711
1997 YL ₁	1999 01	26.02508	09 46 50.84	+07 59 29.7	18.0		120	1998 ML ₁₄	1999 01	24.26391	06 05 17.49	+27 11 29.1		c	711
1997 YL ₁	1999 01	27.97962	09 45 12.12	+08 11 50.7	17.9		120	1998 MK ₃₀	1999 01	06.47848	01 52 14.07	+06 15 46.8	18.1	R	422
1997 YL ₁	1999 01	27.99980	09 45 11.03	+08 11 58.4			120	1998 ND	1999 01	09.08480	01 23 56.32	+27 41 05.8	18.5	R	699
1997 YM ₄	1999 01	22.65568	10 34 21.24	-07 22 52.9	18.5	R	426	1998 ND	1999 01	09.10007	01 23 58.46	+27 40 58.0			699
1997 YM ₄	1999 01	22.66481	10 34 20.93	-07 22 54.1	18.4	R	426	1998 ND	1999 01	09.11537	01 24 00.60	+27 40 52.1			699
1997 YM ₄	1999 01	22.67396	10 34 20.62	-07 22 55.6	18.4	R	426	1998 OH ₇	1998 12	08.43182	22 41 33.24	+00 47 50.2	18.8		327
1997 YM ₄	1999 01	23.62087	10 33 48.47	-07 25 06.9	18.2	R	426	1998 OH ₇	1998 12	08.44779	22 41 34.49	+00 47 54.8			327
1997 YM ₄	1999 01	23.63041	10 33 48.16	-07 25 07.8	18.1	R	426	1998 OH ₇	1998 12	08.46380	22 41 35.67	+00 48 00.8			327
1997 YM ₄	1999 01	23.63960	10 33 47.82	-07 25 09.2	18.5	R	426	1998 OX ₁₄	1998 12	27.41266	22 46 31.72	-00 05 06.8			327
1997 YO ₄	1999 01	30.84455	12 01 02.31	+16 54 48.0	17	V	888	1998 OX ₁₄	1998 12	27.42120	22 46 32.39	-00 05 01.0			327
1997 YO ₄	1999 01	30.85675	12 01 02.19	+16 54 51.4			888	1998 OX ₁₄	1998 12	27.42914	22 46 33.05	-00 04 55.7	19.0		327
1997 YB ₈	1999 01	24.08056	12 21 01.27	+05 56 34.3	16.8	R	046	1998 PG	1998 10	20.21621	23 38 31.15	+10 17 59.3	17.5	V	689
1997 YB ₈	1999 01	24.08553	12 21 01.28	+05 56 35.5			046	1998 PG	1999 01	24.12385	03 31 55.11	+10 29 22.2		t	711
1997 YB ₈	1999 01	24.09521	12 21 01.35	+05 56 37.5			046	1998 PG	1999 01	24.13631	03 31 56.74	+10 29 29.0		t	711
1997 YB ₈	1999 01	25.13313	12 21 07.85	+06 00 35.1	16.9	R									

1998 QF ₄₉	1998 12 04.44403	23 13 38.13	-12 12 47.0		327	1998 QY ₉₁	1999 01 06.15752	02 11 25.43	+14 45 44.4	699
1998 QF ₄₉	1998 12 04.44794	23 13 38.30	-12 12 45.4	18.5	327	1998 QY ₉₁	1999 01 08.13475	02 13 51.11	+15 01 36.4	704
1998 QT ₅₀	1998 12 23.41556	23 40 17.51	-10 09 10.7	20.0	327	1998 QY ₉₁	1999 01 08.14586	02 13 51.74	+15 01 39.7	704
1998 QT ₅₀	1998 12 23.41962	23 40 17.73	-10 09 09.5		327	1998 QY ₉₁	1999 01 08.15759	02 13 52.68	+15 01 45.1	704
1998 QT ₅₀	1998 12 23.42352	23 40 17.99	-10 09 07.2		327	1998 QY ₉₁	1999 01 08.16932	02 13 53.31	+15 01 50.4	704
1998 QE ₅₁	1998 12 09.41975	23 43 59.17	+00 47 44.9		327	1998 QC ₉₂	1999 01 11.13454	02 19 59.74	+11 04 28.0	704
1998 QE ₅₁	1998 12 09.42965	23 43 59.97	+00 47 50.1	19.3	327	1998 QC ₉₂	1999 01 11.14513	02 20 00.32	+11 04 32.2	704
1998 QE ₅₁	1998 12 09.43932	23 44 00.62	+00 47 53.9		327	1998 QC ₉₂	1999 01 11.15572	02 20 01.01	+11 04 35.9	704
1998 QS ₅₂	1999 01 04.73941	22 08 55.71	+01 35 36.5		587	1998 QC ₉₂	1999 01 11.16621	02 20 01.61	+11 04 40.2	704
1998 QS ₅₂	1999 01 05.38061	22 09 55.76	+01 33 04.0	17.1 V	402	1998 QC ₉₂	1999 01 11.17671	02 20 02.20	+11 04 44.6	704
1998 QS ₅₂	1999 01 05.38200	22 09 55.88	+01 33 04.0		402	1998 QL ₉₂	1999 01 06.09882	02 42 34.00	+12 41 36.3	732
1998 QS ₅₂	1999 01 05.38339	22 09 55.99	+01 33 03.2		402	1998 QL ₉₂	1999 01 06.10438	02 42 34.32	+12 41 37.3	732
1998 QS ₅₂	1999 01 06.72414	22 12 03.51	+01 27 43.7	16.3 R	151	1998 QL ₉₂	1999 01 06.10980	02 42 34.54	+12 41 39.0	732
1998 QS ₅₂	1999 01 06.73378	22 12 04.51	+01 27 41.1		151	1998 QL ₉₂	1999 01 07.15270	02 43 26.67	+12 46 40.5	699
1998 QS ₅₂	1999 01 06.73618	22 12 04.71	+01 27 41.3	16.2 R	151	1998 QL ₉₂	1999 01 07.16799	02 43 27.26	+12 46 45.9	699
1998 QS ₅₂	1999 01 06.74015	22 12 05.04	+01 27 40.8	16.2 R	151	1998 QL ₉₂	1999 01 07.17025	02 43 27.41	+12 46 48.2	732
1998 QS ₅₂	1999 01 13.40521	22 23 15.40	+01 00 50.3	16.5 V	360	1998 QL ₉₂	1999 01 07.17616	02 43 27.70	+12 46 50.2	732
1998 QS ₅₂	1999 01 13.40764	22 23 15.66	+01 00 49.6		360	1998 QL ₉₂	1999 01 07.18152	02 43 27.92	+12 46 51.5	732
1998 QS ₅₂	1999 01 13.41007	22 23 15.91	+01 00 49.0		360	1998 QL ₉₂	1999 01 07.18328	02 43 28.16	+12 46 50.0	699
1998 QS ₅₂	1999 01 17.73561	22 31 01.27	+00 41 00.1	16.7 R	151	1998 QL ₉₂	1999 01 11.18149	02 47 05.28	+13 07 23.5	704
1998 QS ₅₂	1999 01 17.74841	22 31 02.72	+00 40 56.3	16.0 R	151	1998 QL ₉₂	1999 01 11.19194	02 47 05.78	+13 07 27.7	704
1998 QS ₅₂	1999 01 17.75290	22 31 03.01	+00 40 54.9	16.4 R	151	1998 QL ₉₂	1999 01 11.20247	02 47 06.34	+13 07 31.1	704
1998 QS ₅₂	1999 01 19.72660	22 34 42.03	+00 30 33.5	16.2 V	104	1998 QL ₉₂	1999 01 11.21298	02 47 07.00	+13 07 34.2	704
1998 QS ₅₂	1999 01 19.72859	22 34 42.30	+00 30 32.5		104	1998 QL ₉₂	1999 01 11.22347	02 47 07.55	+13 07 38.8	704
1998 QS ₅₂	1999 01 19.73241	22 34 42.69	+00 30 30.9		104	1998 QM ₉₂	1999 01 06.07649	02 49 11.60	+19 09 41.3	732
1998 QS ₅₂	1999 01 22.40498	22 39 43.91	+00 14 24.9	17.2 V	402	1998 QM ₉₂	1999 01 06.08254	02 49 11.83	+19 09 41.1	732
1998 QS ₅₂	1999 01 22.40588	22 39 43.99	+00 14 24.7		402	1998 QM ₉₂	1999 01 06.08899	02 49 12.09	+19 09 40.9	732
1998 QS ₅₂	1999 01 22.40679	22 39 44.10	+00 14 23.8		402	1998 QM ₉₂	1999 01 07.14874	02 49 57.52	+19 09 42.2	732
1998 QJ ₅₄	1999 01 08.07157	00 41 27.48	+05 06 51.9	18.5	704	1998 QM ₉₂	1999 01 07.15495	02 49 57.79	+19 09 42.0	732
1998 QJ ₅₄	1999 01 08.08210	00 41 28.39	+05 06 56.2	18.4	704	1998 QM ₉₂	1999 01 07.16048	02 49 57.99	+19 09 42.0	732
1998 QJ ₅₄	1999 01 08.09390	00 41 29.29	+05 07 00.5	18.3	704	1998 QM ₉₂	1999 01 11.13903	02 53 05.74	+19 11 13.3	704
1998 QJ ₅₄	1999 01 08.10517	00 41 30.18	+05 07 03.7	18.2	704	1998 QM ₉₂	1999 01 11.14972	02 53 06.37	+19 11 13.2	704
1998 QJ ₅₄	1999 01 08.11667	00 41 30.85	+05 07 08.3	18.2	704	1998 QM ₉₂	1999 01 11.16019	02 53 06.70	+19 11 13.1	704
1998 QM ₅₄	1999 01 08.07448	00 54 01.87	+10 35 26.7	17.8	704	1998 QM ₉₂	1999 01 11.17071	02 53 07.33	+19 11 13.0	704
1998 QM ₅₄	1999 01 08.08541	00 54 02.93	+10 35 31.4	17.8	704	1998 QM ₉₂	1999 01 11.18115	02 53 07.63	+19 11 13.0	704
1998 QM ₅₄	1999 01 08.09714	00 54 04.08	+10 35 37.9	18.2	704	1998 QN ₉₂	1999 01 09.13926	02 09 08.73	+27 34 37.6	699
1998 QM ₅₄	1999 01 08.10833	00 54 05.00	+10 35 42.4	18.1	704	1998 QN ₉₂	1999 01 09.15962	02 09 09.45	+27 34 38.3	699
1998 QM ₅₄	1999 01 08.11960	00 54 06.22	+10 35 48.5	18.6	704	1998 QN ₉₂	1999 01 09.18183	02 09 10.00	+27 34 38.1	699
1998 QM ₅₅	1999 01 06.12822	02 07 12.85	+11 56 43.6	18.8 R	699	1998 QO ₉₂	1999 01 11.13699	02 32 59.80	+11 32 55.7	704
1998 QM ₅₅	1999 01 06.14859	02 07 13.89	+11 56 49.5		699	1998 QO ₉₂	1999 01 11.14758	02 33 00.31	+11 33 00.2	704
1998 QK ₅₆	1999 01 15.71583	14 03 12.11	-24 09 28.2	19.1 R	422	1998 QO ₉₂	1999 01 11.15815	02 33 00.90	+11 33 03.1	704
1998 QK ₅₆	1999 01 15.71637	14 03 12.21	-24 09 28.0	19.2 R	422	1998 QO ₉₂	1999 01 11.17913	02 33 01.82	+11 33 08.9	704
1998 QK ₅₆	1999 01 15.71714	14 03 12.30	-24 09 27.5	19.4 R	422	1998 QO ₉₂	1999 01 11.13706	02 31 06.96	+10 43 38.1	704
1998 QN ₆₀	1999 01 14.13731	02 48 01.24	+30 36 02.1	18.0 R	699	1998 QS ₉₂	1999 01 11.14765	02 31 07.36	+10 43 44.5	704
1998 QN ₆₀	1999 01 14.15759	02 48 01.97	+30 36 01.9		699	1998 QS ₉₂	1999 01 11.15822	02 31 07.94	+10 43 50.4	704
1998 QN ₆₀	1999 01 14.17290	02 48 02.64	+30 36 03.0		699	1998 QS ₉₂	1999 01 11.16871	02 31 08.39	+10 43 54.6	704
1998 QT ₆₀	1998 04 22.42438	09 55 24.63	-15 29 54.1	6 413		1998 QS ₉₂	1999 01 11.17920	02 31 08.92	+10 44 00.5	704
1998 QT ₆₀	1998 04 22.46605	09 55 24.96	-15 29 44.0	6 413		1998 QU ₉₂	1999 01 06.13203	02 25 57.83	+13 19 47.1	699
1998 QT ₆₀	1998 12 30.84523	07 14 24.05	+39 02 44.0		127	1998 QU ₉₂	1999 01 06.15242	02 25 58.56	+13 19 56.4	699
1998 QT ₆₀	1998 12 30.85093	07 14 23.43	+39 02 35.8		127	1998 QU ₉₂	1999 01 06.17282	02 25 59.32	+13 20 04.9	699
1998 QT ₆₀	1998 12 30.85543	07 14 22.95	+39 02 29.3		127	1998 QU ₉₂	1999 01 08.18271	02 27 19.77	+13 34 35.2	704
1998 QT ₆₀	1999 01 05.76875	07 04 20.32	+36 34 04.2		127	1998 QU ₉₂	1999 01 08.19359	02 27 20.23	+13 34 41.8	704
1998 QT ₆₀	1999 01 05.77275	07 04 19.92	+36 33 58.1		127	1998 QU ₉₂	1999 01 08.20549	02 27 20.60	+13 34 47.5	704
1998 QT ₆₀	1999 01 05.77787	07 04 19.42	+36 33 50.4		127	1998 QU ₉₂	1999 01 08.21700	02 27 21.11	+13 34 52.8	704
1998 QT ₆₀	1999 01 06.84434	07 02 35.53	+36 06 07.6	14.8 R	639	1998 QU ₉₂	1999 01 08.22880	02 27 21.62	+13 34 57.4	704
1998 QT ₆₀	1999 01 06.86309	07 02 33.64	+36 05 37.4	14.9 R	639	1998 QU ₉₂	1999 01 11.13565	02 29 29.79	+13 56 24.2	704
1998 QT ₆₀	1999 01 10.91563	06 56 19.92	+34 18 23.9	15.0	145	1998 QU ₉₂	1999 01 11.14625	02 29 30.25	+13 56 28.8	704
1998 QT ₆₀	1999 01 10.92024	06 56 19.47	+34 18 16.2		145	1998 QU ₉₂	1999 01 11.15683	02 29 30.74	+13 56 33.1	704
1998 QT ₆₀	1999 01 10.92438	06 56 19.09	+34 18 09.7		145	1998 QU ₉₂	1999 01 11.16732	02 29 31.23	+13 56 37.5	704
1998 QT ₆₀	1999 01 10.92821	06 56 18.77	+34 18 03.9	14.9	145	1998 QU ₉₂	1999 01 11.17782	02 29 31.68	+13 56 41.9	704
1998 QT ₆₀	1999 01 16.19892	06 49 13.06	+31 57 15.8	17.9	704	1998 QW ₉₂	1999 01 06.19148	02 40 36.87	+15 55 30.5	699
1998 QT ₆₀	1999 01 16.22089	06 49 11.31	+31 56 41.2		704	1998 QW ₉₂	1999 01 06.21793	02 40 38.00	+15 55 38.4	699
1998 QT ₆₀	1999 01 16.24287	06 49 09.71	+31 56 08.7		704	1998 QW ₉₂	1999 01 06.23947	02 40 38.91	+15 55 45.4	699
1998 QT ₆₀	1999 01 16.26491	06 49 07.88	+31 55 31.6		704	1998 QW ₉₂	1999 01 06.79946	02 41 04.09	+15 58 47.6	910
1998 QT ₆₀	1999 01 16.28683	06 49 06.19	+31 54 57.1		704	1998 QW ₉₂	1999 01 06.82540	02 41 05.20	+15 58 56.2	910
1998 QT ₆₀	1999 01 17.80812	06 47 18.87	+31 14 30.2	14.0 R	639	1998 QW ₉₂	1999 01 06.85005	02 41 06.26	+15 59 04.3	910
1998 QT ₆₀	1999 01 17.82212	06 47 17.86	+31 14 08.0	14.3 R	639	1998 QW ₉₂	1999 01 07.77288	02 41 48.90	+16 04 10.4	910
1998 QT ₆₀	1999 01 18.81857	06 46 11.19	+30 47 51.6	14.4 V	628	1998 QW ₉₂	1999 01 07.82259	02 41 51.10	+16 04 26.8	910
1998 QT ₆₀	1999 01 18.83315	06 46 10.17	+30 47 28.7	14.5 V	628	1998 QW ₉₂	1999 01 07.84824	02 41 52.31	+16 04 35.7	910
1998 QT ₆₀	1999 01 18.85329	06 46 08.81	+30 46 57.7	14.5 V	628	1998 QW ₉₂	1999 01 08.18524	02 42 08.24	+16 06 30.9	704
1998 QT ₆₀	1999 01 19.19555	06 45 46.69	+30 38 01.7	17.8	704	1998 QW ₉₂	1999 01 08.19646	02 42 08.82	+16 06 33.5	704
1998 QT ₆₀	1999 01 19.21782	06 45 45.14	+30 37 27.8		704	1998 QW ₉₂	1999 01 08.20814	02 42 09.19	+16 06 37.9	704
1998 QT ₆₀	1999 01 19.24010	06 45 43.57	+30 36 51.7		704	1998 QW ₉₂	1999 01 08.22000	02 42 09.82	+16 06 40.0	704
1998 QT ₆₀	1999 01 19.26232	06 45 42.08	+30 36 16.8		704	1998 QW ₉₂				

1998 QP ₉₃	1999 01 07.19602	02 43 54.05	+08 55 45.0		699	1998 RX ₇₉	1999 01 05.12375	00 53 06.48	+15 18 13.3	699	
1998 QP ₉₃	1999 01 11.18169	02 45 56.43	+09 26 01.4	18.3	704	1998 RX ₇₉	1999 01 08.07414	00 56 56.03	+15 35 43.5	17.5	704
1998 QP ₉₃	1999 01 11.19215	02 45 56.74	+09 26 10.1	18.3	704	1998 RX ₇₉	1999 01 08.08507	00 56 56.74	+15 35 48.3	17.5	704
1998 QP ₉₃	1999 01 11.20268	02 45 57.06	+09 26 12.3	18.3	704	1998 RX ₇₉	1999 01 08.09676	00 56 57.70	+15 35 53.2	17.3	704
1998 QP ₉₃	1999 01 11.21319	02 45 57.51	+09 26 16.9	18.7	704	1998 RX ₇₉	1999 01 08.10798	00 56 58.61	+15 35 55.7	17.0	704
1998 QP ₉₃	1999 01 11.22367	02 45 57.66	+09 26 23.0	18.7	704	1998 RX ₇₉	1999 01 08.11926	00 56 59.48	+15 35 59.4	17.0	704
1998 QQ ₉₃	1999 01 06.18891	02 45 09.80	+19 16 22.6	16.5 R	699	1998 RF ₈₀	1999 01 20.09727	01 33 46.20	+09 16 14.2	19.8	691
1998 QQ ₉₃	1999 01 06.21538	02 45 10.20	+19 16 33.0		699	1998 RF ₈₀	1999 01 20.10848	01 33 47.22	+09 16 22.8	19.9	691
1998 QQ ₉₃	1999 01 06.23692	02 45 10.57	+19 16 40.3		699	1998 RF ₈₀	1999 01 20.11936	01 33 48.21	+09 16 30.4	20.5	691
1998 QQ ₉₃	1999 01 08.18504	02 45 48.85	+19 28 37.5	18.0	704	1998 RH ₈₀	1999 01 11.07689	01 00 23.72	+05 30 32.3	19.3	704
1998 QQ ₉₃	1999 01 08.19620	02 45 49.16	+19 28 41.9	17.7	704	1998 RH ₈₀	1999 01 11.09881	01 00 25.23	+05 30 45.1	19.0	704
1998 QQ ₉₃	1999 01 08.20793	02 45 49.49	+19 28 46.4	17.7	704	1998 RH ₈₀	1999 01 11.11000	01 00 25.84	+05 30 49.1	18.7	704
1998 QQ ₉₃	1999 01 08.21979	02 45 49.49	+19 28 50.9	17.7	704	1998 RH ₈₀	1999 01 11.12087	01 00 26.14	+05 30 54.1	18.7	704
1998 QQ ₉₃	1999 01 08.23139	02 45 49.91	+19 28 57.4	17.7	704	1998 RH ₈₀	1999 01 14.75062	01 03 52.08	+05 58 46.2	18.9	910
1998 QA ₉₈	1999 01 10.12117	00 25 38.10	+09 58 44.5	18.5 R	699	1998 RH ₈₀	1999 01 14.77342	01 03 53.38	+05 58 56.9	19.1	910
1998 QA ₉₈	1999 01 10.14698	00 25 39.73	+09 58 53.5		699	1998 RH ₈₀	1999 01 14.79785	01 03 54.79	+05 59 08.3	18.6	910
1998 QA ₉₈	1999 01 10.17586	00 25 41.62	+09 59 02.1		699	1998 RL ₈₀	1999 01 13.73277	01 04 00.15	+05 48 28.5	18.8	910
1998 QP ₉₈	1999 01 06.18637	02 57 50.64	+17 35 44.4	17.4 R	699	1998 RL ₈₀	1999 01 13.75969	01 04 02.06	+05 48 44.2	19.9	910
1998 QP ₉₈	1999 01 06.21284	02 57 51.72	+17 35 42.2		699	1998 RL ₈₀	1999 01 13.78288	01 04 03.75	+05 48 57.1	19.3	910
1998 QP ₉₈	1999 01 06.23438	02 57 52.64	+17 35 39.6		699	1998 RL ₈₀	1999 01 14.75157	01 05 15.03	+05 58 03.2	19.5	910
1998 QP ₉₈	1999 01 08.18789	02 59 20.70	+17 32 49.0	18.0	704	1998 RL ₈₀	1999 01 14.77438	01 05 16.67	+05 58 16.5	19.7	910
1998 QP ₉₈	1999 01 08.19926	02 59 21.30	+17 32 47.9	18.0	704	1998 RL ₈₀	1999 01 14.79882	01 05 18.47	+05 58 30.2	19.7	910
1998 QP ₉₈	1999 01 08.21113	02 59 21.93	+17 32 49.6	18.3	704	1998 SQ	1999 01 15.08742	01 33 29.79	+09 11 59.9	18.5	691
1998 QP ₉₈	1999 01 08.22295	02 59 22.42	+17 32 45.0	17.9	704	1998 SQ	1999 01 15.10847	01 33 30.22	+09 12 02.4	18.5	691
1998 QP ₉₈	1999 01 08.23440	02 59 22.86	+17 32 44.5	17.9	704	1998 SQ	1999 01 15.12945	01 33 30.65	+09 12 05.0	18.5	691
1998 QS ₉₈	1999 01 06.18637	02 59 35.54	+18 11 54.8	17.4 R	699	1998 SQ	1999 01 20.09838	01 35 22.90	+09 23 03.9	18.7	691
1998 QS ₉₈	1999 01 06.21284	02 59 36.07	+18 11 59.9		699	1998 SQ	1999 01 20.10959	01 35 23.15	+09 23 05.6	18.8	691
1998 QS ₉₈	1999 01 06.23438	02 59 36.55	+18 12 02.6		699	1998 SQ	1999 01 20.12046	01 35 23.39	+09 23 06.9	18.8	691
1998 QE ₁₀₀	1998 12 08.12410	23 38 57.56	-05 32 46.3	18.8	704	1998 SA ₁	1998 12 17.46791	01 34 03.80	+08 08 34.3	18.5	327
1998 QE ₁₀₀	1998 12 08.13473	23 38 58.16	-05 32 41.4	18.8	704	1998 SA ₁	1998 12 17.48032	01 34 03.97	+08 08 35.7		327
1998 QE ₁₀₀	1998 12 08.14525	23 38 58.77	-05 32 34.5	19.2	704	1998 SA ₁	1998 12 17.49249	01 34 04.17	+08 08 36.6		327
1998 QE ₁₀₀	1998 12 08.15581	23 38 59.38	-05 32 28.7	19.2	704	1998 SK ₁	1999 01 09.08895	01 38 59.85	+09 42 17.5	19.6	691
1998 QE ₁₀₀	1998 12 08.16645	23 38 59.98	-05 32 23.7	19.1	704	1998 SK ₁	1999 01 09.11056	01 39 00.62	+09 42 22.9	19.5	691
1998 QE ₁₀₀	1999 01 13.07829	00 26 21.68	+00 47 20.2	18.8 R	699	1998 SK ₁	1999 01 09.13192	01 39 01.32	+09 42 28.2	19.6	691
1998 QE ₁₀₀	1999 01 13.09355	00 26 23.24	+00 47 30.4		699	1998 SK ₁	1999 01 19.11787	01 45 52.16	+10 27 03.0	19.4	691
1998 QE ₁₀₀	1999 01 13.11042	00 26 24.77	+00 47 43.3		699	1998 SK ₁	1999 01 19.13912	01 45 53.14	+10 27 09.1	19.5	691
1998 QU ₁₀₆	1999 01 13.07574	00 15 57.96	-01 26 39.3	18.7 R	699	1998 SK ₁	1999 01 19.16092	01 45 54.12	+10 27 15.5	19.6	691
1998 QU ₁₀₆	1999 01 13.09101	00 15 59.08	-01 26 29.9		699	1998 SL ₂	1999 01 08.08147	00 40 07.22	+11 39 03.8	17.4	704
1998 QU ₁₀₆	1999 01 13.10856	00 16 00.52	-01 26 17.6		699	1998 SL ₂	1999 01 08.09320	00 40 08.51	+11 39 09.8	17.4	704
1998 RB	1999 01 05.74497	23 48 18.63	-01 24 27.4	20.9 V	910	1998 SL ₂	1999 01 08.10455	00 40 09.73	+11 39 15.2	17.5	704
1998 RB	1999 01 05.76058	23 48 19.78	-01 24 23.8	20.9 V	910	1998 SL ₂	1999 01 08.11605	00 40 10.96	+11 39 23.1	17.3	704
1998 RB	1999 01 05.77640	23 48 20.96	-01 24 19.5	21.0 V	910	1998 SN ₂	1999 01 07.91453	02 57 28.79	+16 36 51.7	19.0	910
1998 RY	1999 01 09.08797	01 37 34.60	+09 47 51.5	19.5 V	691	1998 SN ₂	1999 01 07.93792	02 57 29.20	+16 36 53.9	19.0	910
1998 RY	1999 01 09.10959	01 37 36.67	+09 48 01.2	19.6 V	691	1998 SN ₂	1999 01 07.96134	02 57 29.53	+16 36 56.0	19.3	910
1998 RY	1999 01 09.13096	01 37 38.72	+09 48 10.4	19.6 V	691	1998 SO ₂	1999 01 05.15105	04 01 39.61	+23 22 12.0	17.2 R	699
1998 RY	1999 01 13.09791	01 44 09.42	+10 17 42.5	19.1 V	691	1998 SO ₂	1999 01 05.17144	04 01 39.10	+23 22 21.3		699
1998 RY	1999 01 13.12961	01 44 12.60	+10 17 56.2	19.4 V	691	1998 SO ₂	1999 01 05.19308	04 01 38.65	+23 22 27.8		699
1998 RY	1999 01 13.16191	01 44 15.77	+10 18 10.9	19.0 V	691	1998 SS ₂	1999 01 08.07935	01 25 07.10	+16 48 41.1	18.4	704
1998 RY	1999 01 22.14597	01 59 47.00	+11 28 33.6	19.3 V	691	1998 SS ₂	1999 01 08.09078	01 25 07.66	+16 48 41.3	18.4	704
1998 RY	1999 01 22.15185	01 59 47.65	+11 28 36.2	19.4 V	691	1998 SS ₂	1999 01 08.10246	01 25 08.59	+16 48 38.1	18.4	704
1998 RY	1999 01 22.15741	01 59 48.28	+11 28 39.8	19.3 V	691	1998 SS ₂	1999 01 08.11376	01 25 09.22	+16 48 38.0	17.8	704
1998 RT ₄	1999 01 23.43044	01 58 13.77	-22 41 31.3	18.4 R	428	1998 SS ₂	1999 01 08.12447	01 25 09.80	+16 48 37.7	17.8	704
1998 RT ₄	1999 01 23.43822	01 58 14.94	-22 41 22.9	18.8 R	428	1998 SM ₄	1998 12 22.42398	01 00 43.69	+05 31 47.7		327
1998 RT ₄	1999 01 23.45481	01 58 17.11	-22 41 07.1	18.7 R	428	1998 SM ₄	1998 12 22.42786	01 00 43.93	+05 31 48.8		327
1998 RT ₄	1999 01 26.42017	02 04 55.57	-21 54 36.0	18.5 R	428	1998 SM ₄	1998 12 22.43172	01 00 44.19	+05 31 50.2	18.3	327
1998 RT ₄	1999 01 26.42631	02 04 56.35	-21 54 30.1	18.5 R	428	1998 ST ₄	1999 01 16.43955	00 30 43.84	+02 59 47.8		422
1998 RT ₄	1999 01 26.43244	02 04 57.06	-21 54 24.3	19.0 R	428	1998 ST ₄	1999 01 16.44071	00 30 44.13	+02 59 47.4	18.5	422
1998 RR ₅	1999 01 05.79633	01 15 17.79	+05 28 11.8	20.7 V	910	1998 SO ₉	1998 10 20.18319	01 02 23.05	+06 54 29.8	17.7	691
1998 RR ₅	1999 01 05.81943	01 15 19.87	+05 28 24.8	20.8 V	910	1998 SO ₉	1998 10 20.20407	01 02 22.09	+06 54 20.6	17.7	691
1998 RR ₅	1999 01 05.84358	01 15 21.98	+05 28 38.0	20.9 V	910	1998 SO ₉	1998 10 20.22485	01 02 21.12	+06 54 12.0	17.7	691
1998 RC ₁₆	1999 01 05.78855	01 04 03.86	+05 22 54.2	20.2 V	910	1998 SO ₉	1999 01 09.76099	01 12 18.86	+05 34 16.7	20.6	910
1998 RC ₁₆	1999 01 05.81164	01 04 05.31	+05 23 06.2	20.6 V	910	1998 SO ₉	1999 01 09.78399	01 12 20.22	+05 34 24.2	17.5	910
1998 RC ₁₆	1999 01 05.83578	01 04 06.84	+05 23 18.8	19.9 V	910	1998 SO ₉	1999 01 09.80673	01 12 21.50	+05 34 30.9	21.2	910
1998 RD ₆₂	1999 01 08.07124	00 37 28.86	+08 12 08.4	18.4	704	1998 SU ₁₀	1999 01 05.74168	23 43 33.22	-01 43 41.1	20.0	910
1998 RD ₆₂	1999 01 08.08174	00 37 30.01	+08 12 16.4	19.2	704	1998 SU ₁₀	1999 01 05.75729	23 43 34.33	-01 43 33.9	20.1	910
1998 RD ₆₂	1999 01 08.09356	00 37 30.95	+08 12 21.3	19.1	704	1998 SU ₁₀	1999 01 05.77310	23 43 35.47	-01 43 26.7	20.4	910
1998 RD ₆₂	1999 01 08.10483	00 37 32.11	+08 12 25.6	19.5	704	1998 SW ₁₂	1999 01 14.08813	01 45 36.05	+17 45 13.0	19.0	699
1998 RD ₆₂	1999 01 08.11632	00 37 33.06	+08 12 33.6	18.7	704	1998 SW ₁₂	1999 01 14.10338	01 45 36.74	+17 45 27.5		699
1998 RM ₆₅	1999 01 09.75933	01 09 55.11	+05 40 20.2	19.6 V	910	1998 SW ₁₂	1999 01 14.11867	01 45 37.45	+17 45 41.7		699
1998 RM ₆₅	1999 01 09.78234	01 09 57.44	+05 40 34.6	19.6 V	910	1998 SA ₁₃	1999 01 07.15134	08 30 46.20	+16 07 35.2		557
1998 RM ₆₅	1999 01 09.80509	01 09 59.74	+05 40 48.3	19.5 V	910	1998 SA ₁₃	1999 01 0				

1998 SG ₂₅	1999 01	13.74080	01 15 35.43	+06 09 28.3	18.7 V	910	1998 SZ ₃₅	1999 01	14.13724	01 25 34.58	+10 35 52.6	19.9 V	691
1998 SG ₂₅	1999 01	13.76771	01 15 36.46	+06 09 40.6	19.1 V	910	1998 SP ₃₇	1999 01	07.08263	01 43 38.23	+09 20 13.0	19.1 V	691
1998 SG ₂₅	1999 01	13.79089	01 15 37.35	+06 09 51.1	19.2 V	910	1998 SP ₃₇	1999 01	07.10374	01 43 39.39	+09 20 18.3	19.1 V	691
1998 SG ₂₅	1999 01	14.75920	01 16 15.51	+06 17 07.2	19.1 V	910	1998 SP ₃₇	1999 01	07.12501	01 43 40.57	+09 20 24.1	18.9 V	691
1998 SG ₂₅	1999 01	14.78200	01 16 16.40	+06 17 17.5	18.9 V	910	1998 SR ₃₇	1999 01	07.08205	01 42 48.18	+09 03 38.3	19.1 V	691
1998 SG ₂₅	1999 01	14.80643	01 16 17.36	+06 17 28.5	19.2 V	910	1998 SR ₃₇	1999 01	07.10315	01 42 49.09	+09 03 42.2	19.2 V	691
1998 SH ₂₅	1999 01	11.08091	01 25 41.19	+05 23 11.7	19.5	704	1998 SR ₃₇	1999 01	07.12443	01 42 50.04	+09 03 46.2	18.9 V	691
1998 SH ₂₅	1999 01	11.09189	01 25 41.65	+05 23 18.4	19.2	704	1998 SR ₃₇	1999 01	15.16623	01 49 32.60	+09 32 49.6	19.1 V	691
1998 SH ₂₅	1999 01	11.10296	01 25 41.96	+05 23 20.6	19.2	704	1998 SR ₃₇	1999 01	15.18744	01 49 33.71	+09 32 55.0	19.2 V	691
1998 SH ₂₅	1999 01	14.76759	01 28 23.64	+05 48 41.7	18.0 V	910	1998 SR ₃₇	1999 01	15.20846	01 49 34.90	+09 32 59.3	19.0 V	691
1998 SH ₂₅	1999 01	14.79039	01 28 24.67	+05 48 51.5	17.9 V	910	1998 SS ₃₇	1999 01	07.08194	01 42 38.33	+09 25 49.9	19.9 V	691
1998 SH ₂₅	1999 01	14.81482	01 28 25.76	+05 49 01.7	17.8 V	910	1998 SS ₃₇	1999 01	07.10304	01 42 39.48	+09 25 55.0	20.0 V	691
1998 SS ₂₅	1999 01	15.16092	01 41 52.57	+09 38 35.3	19.7 V	691	1998 SS ₃₇	1999 01	07.12432	01 42 40.58	+09 26 00.8	19.9 V	691
1998 SS ₂₅	1999 01	15.18213	01 41 54.24	+09 38 49.4	19.7 V	691	1998 SS ₃₇	1999 01	09.09277	01 44 30.43	+09 34 44.8	20.2 V	691
1998 SS ₂₅	1999 01	15.20316	01 41 55.91	+09 39 03.4	19.5 V	691	1998 SS ₃₇	1999 01	09.11438	01 44 31.63	+09 34 51.3	20.4 V	691
1998 SS ₂₅	1999 01	19.11884	01 47 16.69	+10 22 50.6	19.7 V	691	1998 SS ₃₇	1999 01	09.13574	01 44 32.81	+09 34 56.8	20.4 V	691
1998 SS ₂₅	1999 01	19.16192	01 47 20.24	+10 23 19.4	19.8 V	691	1998 SA ₄₃	1999 01	10.13679	01 04 23.73	+04 57 29.3	17.9 R	699
1998 SU ₂₅	1999 01	15.08689	01 32 43.88	+09 04 39.7	19.4 V	691	1998 SA ₄₃	1999 01	10.16568	01 04 25.38	+04 57 41.5		699
1998 SU ₂₅	1999 01	15.10795	01 32 45.37	+09 04 51.2	19.5 V	691	1998 SA ₄₃	1999 01	10.19119	01 04 26.86	+04 57 52.6		699
1998 SU ₂₅	1999 01	15.12894	01 32 46.86	+09 05 02.7	19.6 V	691	1998 SL ₄₃	1999 01	07.07755	01 36 18.18	+09 19 55.2	20.2 V	691
1998 SU ₂₅	1999 01	17.11125	01 35 12.06	+09 23 34.4	19.9 V	691	1998 SL ₄₃	1999 01	07.09866	01 36 20.02	+09 20 04.9	20.4 V	691
1998 SU ₂₅	1999 01	17.11708	01 35 12.48	+09 23 37.9	19.8 V	691	1998 SL ₄₃	1999 01	07.11994	01 36 21.90	+09 20 15.2	20.1 V	691
1998 SA ₂₆	1999 01	05.78803	01 03 18.29	+05 20 05.7	19.9 V	910	1998 SN ₄₃	1999 01	05.78964	01 05 37.50	+05 44 11.9	19.4 V	910
1998 SA ₂₆	1999 01	05.81111	01 03 19.75	+05 20 19.2	19.3 V	910	1998 SN ₄₃	1999 01	05.81272	01 05 38.66	+05 44 22.4	19.3 V	910
1998 SA ₂₆	1999 01	05.83526	01 03 21.26	+05 20 33.1	19.5 V	910	1998 SN ₄₃	1999 01	05.83686	01 05 39.89	+05 44 32.9	19.2 V	910
1998 SS ₂₆	1999 01	14.12713	02 52 35.87	+34 09 50.7	17.8 R	699	1998 SC ₄₆	1999 01	09.08941	01 39 39.55	+09 52 48.4	19.2 V	691
1998 SS ₂₆	1999 01	14.14743	02 52 36.54	+34 09 48.6		699	1998 SC ₄₆	1999 01	09.11102	01 39 40.48	+09 52 53.4	19.1 V	691
1998 SS ₂₆	1999 01	14.16270	02 52 37.01	+34 09 47.7		699	1998 SC ₄₆	1999 01	09.13238	01 39 41.29	+09 52 57.5	19.2 V	691
1998 ST ₂₆	1999 01	09.85552	08 38 23.05	+17 29 12.3	18.0	120	1998 SG ₄₆	1999 01	08.14041	01 51 24.85	+14 42 01.1	19.3	704
1998 ST ₂₆	1999 01	09.87495	08 38 22.07	+17 29 11.2		120	1998 SG ₄₆	1999 01	08.15183	01 51 25.55	+14 42 03.9	19.2	704
1998 ST ₂₆	1999 01	09.93476	08 38 18.88	+17 29 10.2		120	1998 SG ₄₆	1999 01	08.16362	01 51 26.25	+14 42 08.3	19.2	704
1998 ST ₂₆	1999 01	11.92909	08 36 36.29	+17 28 13.4		120	1998 SG ₄₆	1999 01	08.17479	01 51 27.00	+14 42 12.7	18.9	704
1998 ST ₂₆	1999 01	13.93177	08 34 50.06	+17 27 24.1	18.0	120	1998 SP ₄₈	1999 01	19.11589	01 43 00.96	+10 18 39.5	20.5 V	691
1998 ST ₂₆	1999 01	13.93647	08 34 49.83	+17 27 24.5		120	1998 SP ₄₈	1999 01	19.13714	01 43 02.10	+10 18 44.7	20.1 V	691
1998 ST ₂₆	1999 01	13.96154	08 34 48.50	+17 27 24.6		120	1998 SP ₄₈	1999 01	19.15895	01 43 03.24	+10 18 49.9	20.3 V	691
1998 ST ₂₆	1999 01	13.96670	08 34 48.18	+17 27 23.5	18.0	120	1998 SG ₄₉	1998 12	17.46791	01 37 37.09	+07 46 09.4		327
1998 ST ₂₆	1999 01	14.95648	08 33 54.89	+17 27 01.3	18.5	120	1998 SG ₄₉	1998 12	17.48032	01 37 37.25	+07 46 08.9		327
1998 ST ₂₆	1999 01	14.97256	08 33 53.80	+17 27 00.2		120	1998 SG ₄₉	1998 12	17.49249	01 37 37.39	+07 46 08.3	17.3	327
1998 ST ₂₆	1999 01	15.94980	08 33 00.50	+17 26 39.3		120	1998 SG ₄₉	1999 01	11.12989	01 50 29.67	+08 14 20.1	18.3	704
1998 ST ₂₆	1999 01	15.95186	08 33 00.37	+17 26 40.5		120	1998 SG ₄₉	1999 01	11.14038	01 50 30.12	+08 14 20.6	18.3	704
1998 ST ₂₆	1999 01	15.97337	08 32 59.17	+17 26 39.7	18.3	120	1998 SG ₄₉	1999 01	11.15107	01 50 30.63	+08 14 23.0	18.3	704
1998 ST ₂₆	1999 01	15.97552	08 32 59.00	+17 26 39.4		120	1998 SG ₄₉	1999 01	11.16153	01 50 31.04	+08 14 23.5	18.3	704
1998 ST ₂₆	1999 01	17.83934	08 31 16.05	+17 26 04.4	18.2	120	1998 SM ₄₉	1999 01	09.08772	01 37 13.41	+09 54 01.7	20.2 V	691
1998 ST ₂₆	1999 01	17.85972	08 31 14.96	+17 26 04.2		120	1998 SM ₄₉	1999 01	09.10934	01 37 14.65	+09 54 08.8	19.9 V	691
1998 SU ₂₆	1999 01	07.11965	06 32 29.60	+35 31 45.2		557	1998 SM ₄₉	1999 01	09.13070	01 37 15.80	+09 54 16.0	20.0 V	691
1998 SU ₂₆	1999 01	07.12175	06 32 29.47	+35 31 44.7		557	1998 SM ₄₉	1999 01	13.09583	01 41 09.65	+10 17 25.7	19.8 V	691
1998 SU ₂₆	1999 01	07.12384	06 32 29.36	+35 31 43.8		557	1998 SM ₄₉	1999 01	13.12752	01 41 11.52	+10 17 37.5	20.1 V	691
1998 SU ₂₆	1999 01	16.09900	06 23 37.15	+34 39 12.4	17.8	704	1998 SM ₄₉	1999 01	13.15981	01 41 13.41	+10 17 48.6	20.3 V	691
1998 SU ₂₆	1999 01	16.12100	06 23 36.00	+34 39 03.8	17.8	704	1998 SM ₄₉	1999 01	18.11967	01 46 28.25	+10 48 29.3	20.0 V	691
1998 SU ₂₆	1999 01	16.14374	06 23 34.66	+34 38 55.1	17.8	704	1998 SM ₄₉	1999 01	18.16199	01 46 30.97	+10 48 45.5	20.1 V	691
1998 SU ₂₆	1999 01	16.16576	06 23 33.48	+34 38 46.8	17.9	704	1998 SR ₄₉	1999 01	24.50446	14 10 57.20	+54 17 27.7		711
1998 SU ₂₆	1999 01	16.18783	06 23 32.26	+34 38 38.2	17.9	704	1998 SR ₄₉	1999 01	24.51208	14 10 56.43	+54 17 28.6		711
1998 SU ₂₆	1999 01	19.09410	06 21 00.72	+34 19 41.8	18.2	704	1998 SS ₄₉	1998 11	01.51351	07 35 05.71	+30 09 04.9	15.1 V	689
1998 SU ₂₆	1999 01	19.11612	06 20 59.45	+34 19 33.0	18.3	704	1998 ST ₄₉	1999 01	23.52097	14 01 45.63	+27 24 15.3		711
1998 SU ₂₆	1999 01	19.16003	06 20 57.37	+34 19 15.2	18.2	704	1998 ST ₄₉	1999 01	23.53414	14 01 45.06	+27 24 13.6		711
1998 SU ₂₆	1999 01	19.18198	06 20 55.97	+34 19 09.4	17.9	704	1998 SK ₅₀	1998 12	17.42618	01 00 40.60	+06 13 13.7		327
1998 SV ₂₆	1999 01	18.43004	08 22 07.79	+06 40 17.8	17.0	704	1998 SK ₅₀	1998 12	17.43872	01 00 41.25	+06 13 19.8	18.4	327
1998 SV ₂₆	1999 01	18.45208	08 22 06.43	+06 40 15.1	17.1	704	1998 SK ₅₀	1998 12	17.45110	01 00 41.87	+06 13 26.3		327
1998 SV ₂₆	1999 01	18.47420	08 22 05.09	+06 40 13.0	17.2	704	1998 SK ₅₀	1999 01	09.08074	01 27 08.44	+09 52 00.1	19.3 V	691
1998 SV ₂₆	1999 01	18.49642	08 22 03.70	+06 40 09.3	17.5	704	1998 SK ₅₀	1999 01	09.10236	01 27 10.26	+09 52 13.5	19.2 V	691
1998 SV ₂₆	1999 01	18.51845	08 22 02.44	+06 40 08.8	17.7	704	1998 SK ₅₀	1999 01	09.12373	01 27 12.00	+09 52 27.2	19.4 V	691
1998 SV ₂₆	1999 01	20.31726	08 20 13.01	+06 36 53.9	18.2	704	1998 SK ₅₀	1999 01	14.08033	01 34 23.80	+10 44 41.5	18.9 V	691
1998 SV ₂₆	1999 01	20.33933	08 20 11.63	+06 36 51.9		704	1998 SK ₅₀	1999 01	14.11185	01 34 26.58	+10 45 01.5	19.0 V	691
1998 SV ₂₆	1999 01	20.36141	08 20 10.19	+06 36 51.4	19.3	704	1998 SK ₅₀	1999 01	14.14342	01 34 29.38	+10 45 21.5	19.1 V	691
1998 SV ₂₆	1999 01	20.40673	08 20 07.29	+06 36 44.0	18.8	704	1998 SN ₅₀	1999 01	13.09119	01 34 27.71	+10 29 41.5	19.6 V	691
1998 SD ₂₇	1999 01	07.07730	01 35 56.75	+09 07 32.1	20.9 V	691	1998 SN ₅₀	1999 01	13.12287	01 34 29.46	+10 29 49.5	19.8 V	691
1998 SD ₂₇	1999 01	07.09841	01 35 58.49	+09 07 41.5	20.8 V	691	1998 SN ₅₀	1999 01	13.155				

1998 SJ ₆₃	1999 01 06.16008	02 01 18.25	+16 43 54.4		699	1998 SG ₁₀₇	1999 01 19.12564	01 26 25.90	+10 12 41.7	20.0	V	691
1998 SJ ₆₃	1999 01 08.13211	02 04 32.23	+16 53 16.8	18.5	704	1998 SG ₁₀₇	1999 01 19.14746	01 26 27.96	+10 12 53.7	19.8	V	691
1998 SJ ₆₃	1999 01 08.14300	02 04 33.39	+16 53 21.0	18.7	704	1998 SG ₁₀₇	1999 01 22.09116	01 31 14.65	+10 39 02.7	20.1	V	691
1998 SJ ₆₃	1999 01 08.15479	02 04 34.49	+16 53 25.2	18.5	704	1998 SG ₁₀₇	1999 01 22.09679	01 31 15.21	+10 39 05.8	20.3	V	691
1998 SJ ₆₃	1999 01 08.16654	02 04 35.69	+16 53 27.3	18.8	704	1998 SG ₁₀₇	1999 01 22.10290	01 31 15.83	+10 39 09.1	20.2	V	691
1998 SJ ₆₃	1999 01 08.17736	02 04 36.62	+16 53 30.6	18.6	704	1998 SN ₁₀₈	1999 01 14.75231	01 06 18.36	+06 09 58.5	19.7	V	910
1998 SR ₆₃	1999 01 05.79341	01 11 04.52	+05 23 32.3	19.9	V	1998 SN ₁₀₈	1999 01 14.77511	01 06 19.62	+06 10 03.7	19.5	V	910
1998 SR ₆₃	1999 01 05.81649	01 11 05.76	+05 23 41.4	20.1	V	1998 SN ₁₀₈	1999 01 14.79954	01 06 20.94	+06 10 09.8	19.6	V	910
1998 SR ₆₃	1999 01 05.84063	01 11 06.98	+05 23 50.6		910	1998 SR ₁₀₈	1998 11 15.68365	00 38 29.98	+07 46 41.3			327
1998 ST ₆₃	1998 12 18.41836	00 00 33.10	+00 19 58.7		327	1998 SR ₁₀₈	1998 11 15.69601	00 38 29.94	+07 46 38.5	18.6		327
1998 ST ₆₃	1998 12 18.42225	00 00 33.33	+00 19 59.6	18.4	327	1998 SR ₁₀₈	1998 11 15.70903	00 38 29.94	+07 46 35.9			327
1998 ST ₆₃	1998 12 18.42612	00 00 33.64	+00 20 01.4		327	1998 SP ₁₀₉	1999 01 15.15067	01 27 05.14	+09 42 12.9	19.8	V	691
1998 SY ₆₃	1999 01 11.08078	01 26 08.13	+07 51 04.5	18.2	704	1998 SP ₁₀₉	1999 01 15.17189	01 27 06.92	+09 42 19.7	20.1	V	691
1998 SY ₆₃	1999 01 11.09175	01 26 08.56	+07 51 08.9	18.2	704	1998 SP ₁₀₉	1999 01 15.19291	01 27 08.67	+09 42 26.7	20.5	V	691
1998 SY ₆₃	1999 01 11.10281	01 26 09.11	+07 51 13.3	18.2	704	1998 SP ₁₀₉	1999 01 19.10888	01 32 53.32	+10 04 27.2	20.0	V	691
1998 SY ₆₃	1999 01 11.11398	01 26 09.53	+07 51 18.0	18.5	704	1998 SP ₁₀₉	1999 01 19.13014	01 32 55.22	+10 04 35.1	20.1	V	691
1998 SY ₆₃	1999 01 11.12472	01 26 09.99	+07 51 22.2	18.8	704	1998 SQ ₁₀₉	1999 01 18.10639	01 27 17.52	+10 57 12.6	18.8	V	691
1998 SJ ₆₄	1999 01 15.08848	01 35 01.44	+09 00 54.6	18.3	V	1998 SQ ₁₀₉	1999 01 18.14872	01 27 21.07	+10 57 26.0	18.8	V	691
1998 SJ ₆₄	1999 01 15.10953	01 35 02.58	+09 01 03.5	18.4	V	1998 SJ ₁₁₀	1999 01 18.11530	01 40 09.91	+10 52 11.8	19.4	V	691
1998 SJ ₆₄	1999 01 15.13052	01 35 03.69	+09 01 12.7	18.5	V	1998 SJ ₁₁₀	1999 01 18.15764	01 40 14.05	+10 52 31.4	19.4	V	691
1998 SB ₆₅	1999 01 09.77138	01 27 19.12	+05 34 16.8	19.8	V	1998 SF ₁₁₁	1999 01 15.15672	01 35 49.30	+10 00 36.5	19.7	V	691
1998 SB ₆₅	1999 01 09.79438	01 27 19.82	+05 34 25.1	19.9	V	1998 SF ₁₁₁	1999 01 15.17794	01 35 51.13	+10 00 46.4	19.6	V	691
1998 SB ₆₅	1999 01 09.81711	01 27 20.56	+05 34 33.4	19.9	V	1998 SF ₁₁₁	1999 01 15.19897	01 35 52.90	+10 00 56.0	20.2	V	691
1998 SL ₆₅	1999 01 11.08420	01 44 32.90	+05 54 45.9	18.8	704	1998 SF ₁₁₁	1999 01 19.11496	01 41 40.50	+10 32 04.6	19.7	V	691
1998 SL ₆₅	1999 01 11.09532	01 44 33.51	+05 54 51.6	18.3	704	1998 SF ₁₁₁	1999 01 19.13622	01 41 42.38	+10 32 14.3	19.9	V	691
1998 SL ₆₅	1999 01 11.10650	01 44 34.12	+05 54 56.1	18.3	704	1998 SF ₁₁₁	1999 01 19.15804	01 41 44.32	+10 32 25.2	19.9	V	691
1998 SL ₆₅	1999 01 11.12813	01 44 34.94	+05 55 03.4	18.5	704	1998 SD ₁₁₂	1999 01 14.76838	01 29 31.50	+05 55 52.1	19.5	V	910
1998 SN ₆₅	1999 01 19.11930	01 47 56.45	+10 02 08.8	20.4	V	1998 SD ₁₁₂	1999 01 14.79119	01 29 33.40	+05 56 06.0	19.1	V	910
1998 SN ₆₅	1999 01 19.16236	01 47 58.76	+10 02 29.1	20.1	V	1998 SD ₁₁₂	1999 01 14.81563	01 29 35.50	+05 56 20.4	19.0	V	910
1998 SU ₆₅	1999 01 05.80447	01 27 02.07	+05 45 25.0	19.8	V	1998 SC ₁₁₄	1999 01 15.15987	01 40 21.71	+09 34 28.3	19.9	V	691
1998 SU ₆₅	1999 01 05.82755	01 27 02.87	+05 45 33.6	19.6	V	1998 SC ₁₁₄	1999 01 15.18109	01 40 23.67	+09 34 42.3	20.0	V	691
1998 SU ₆₅	1999 01 05.85169	01 27 03.73	+05 45 42.1	19.5	V	1998 SC ₁₁₄	1999 01 15.20212	01 40 25.62	+09 34 55.9	20.2	V	691
1998 SE ₆₆	1999 01 08.09159	01 30 57.09	+11 15 42.0	18.9	704	1998 SC ₁₁₄	1999 01 19.11841	01 46 39.39	+10 18 36.4	20.2	V	691
1998 SE ₆₆	1999 01 08.10317	01 30 57.55	+11 15 46.4	18.9	704	1998 SC ₁₁₄	1999 01 19.13968	01 46 41.44	+10 18 50.5	20.3	V	691
1998 SE ₆₆	1999 01 08.11462	01 30 58.15	+11 15 49.0	19.3	704	1998 SC ₁₁₄	1999 01 19.16149	01 46 43.52	+10 19 05.3	20.1	V	691
1998 SE ₆₆	1999 01 08.12516	01 30 58.69	+11 15 52.9	19.2	704	1998 SC ₁₁₄	1999 01 09.75468	01 03 12.73	+05 28 26.2	19.2	V	910
1998 SD ₆₇	1999 01 08.13003	01 53 52.64	+13 12 52.4	18.1	704	1998 SZ ₁₁₄	1999 01 09.77768	01 03 13.97	+05 28 35.2	19.3	V	910
1998 SD ₆₇	1999 01 08.14084	01 53 53.64	+13 13 01.0	18.1	704	1998 SZ ₁₁₄	1999 01 09.80042	01 03 15.21	+05 28 43.9	19.3	V	910
1998 SD ₆₇	1999 01 08.15227	01 53 54.29	+13 13 04.3	18.7	704	1998 SZ ₁₁₄	1999 01 14.75345	01 07 57.82	+06 00 58.7	19.3	V	910
1998 SD ₆₇	1999 01 08.16409	01 53 55.04	+13 13 09.7	18.7	704	1998 SZ ₁₁₄	1999 01 14.77625	01 07 59.13	+06 01 07.2	19.6	V	910
1998 SD ₆₇	1999 01 08.17525	01 53 55.66	+13 13 15.8	18.4	704	1998 SK ₁₁₅	1999 01 14.80069	01 08 00.56	+06 01 17.4	19.6	V	910
1998 SG ₇₁	1999 01 15.15414	01 32 05.77	+09 35 16.4	20.1	V	1998 SK ₁₁₅	1998 11 15.67957	00 34 12.74	+08 09 54.6	18.1		327
1998 SG ₇₁	1999 01 15.17535	01 32 06.95	+09 35 25.5	19.9	V	1998 SK ₁₁₅	1998 11 15.69193	00 34 12.36	+08 09 55.2			327
1998 SG ₇₁	1999 01 15.19637	01 32 08.08	+09 35 34.8	20.1	V	1998 SK ₁₁₅	1998 11 15.70502	00 34 11.98	+08 09 55.3			327
1998 SG ₇₁	1999 01 19.11099	01 35 56.54	+10 03 49.1	20.5	V	1998 SK ₁₁₅	1999 01 11.07455	00 49 53.23	+11 43 42.5	19.0		704
1998 SG ₇₁	1999 01 19.13225	01 35 57.80	+10 03 58.5	20.1	V	1998 SK ₁₁₅	1999 01 11.08522	00 49 53.85	+11 43 46.9	19.0		704
1998 SG ₇₁	1999 01 19.15405	01 35 59.06	+10 04 07.9	20.2	V	1998 SK ₁₁₅	1999 01 11.09632	00 49 54.37	+11 43 52.8	19.1		704
1998 SX ₇₁	1999 01 15.08111	01 24 23.37	+09 14 06.1	20.4	V	1998 SK ₁₁₅	1999 01 11.10753	00 49 55.09	+11 43 55.5	19.4		704
1998 SX ₇₁	1999 01 15.10216	01 24 24.43	+09 14 14.4	20.0	V	1998 SK ₁₁₅	1999 01 11.07809	01 16 17.83	+09 33 23.4	18.9		704
1998 SX ₇₁	1999 01 15.12316	01 24 25.54	+09 14 22.0	20.1	V	1998 SP ₁₁₅	1999 01 11.10008	01 16 19.20	+09 33 30.7	19.4		704
1998 SD ₇₂	1999 01 09.09237	01 43 56.07	+09 58 47.3	19.6	V	1998 SP ₁₁₅	1999 01 11.11120	01 16 19.66	+09 33 33.0	19.2		704
1998 SD ₇₂	1999 01 09.11399	01 43 57.27	+09 58 55.5	19.6	V	1998 SP ₁₁₅	1999 01 19.10381	01 25 05.49	+10 19 58.1	19.3	V	691
1998 SD ₇₂	1999 01 09.13535	01 43 58.46	+09 59 04.3	19.7	V	1998 SP ₁₁₅	1999 01 19.12506	01 25 06.94	+10 20 06.0	19.4	V	691
1998 SD ₇₂	1999 01 13.10050	01 47 54.40	+10 26 00.9	19.4	V	1998 SP ₁₁₅	1999 01 19.14686	01 25 08.39	+10 20 13.6	19.2	V	691
1998 SD ₇₂	1999 01 13.13219	01 47 56.33	+10 26 14.1	19.4	V	1998 SB ₁₁₆	1998 12 17.42618	01 00 31.71	+06 16 51.7	18.7		327
1998 SD ₇₂	1999 01 13.16448	01 47 58.32	+10 26 27.3	19.5	V	1998 SB ₁₁₆	1998 12 17.43872	01 00 32.21	+06 16 52.9			327
1998 SD ₇₂	1999 01 22.14461	01 57 49.42	+11 30 46.8	19.7	V	1998 SB ₁₁₆	1998 12 17.45110	01 00 32.65	+06 16 54.7			327
1998 SD ₇₂	1999 01 22.15049	01 57 49.83	+11 30 49.3	19.5	V	1998 SM ₁₁₆	1999 01 08.07746	01 10 55.46	+08 19 33.3	18.6		704
1998 SD ₇₂	1999 01 22.15604	01 57 50.23	+11 30 51.8	19.6	V	1998 SM ₁₁₆	1999 01 08.08869	01 10 56.01	+08 19 36.0	18.6		704
1998 SA ₇₃	1999 01 05.07663	01 41 15.06	+14 44 40.6	18.6	R	1998 SM ₁₁₆	1999 01 08.11168	01 10 57.50	+08 19 41.9	19.1		704
1998 SA ₇₃	1999 01 05.09701	01 41 16.48	+14 44 51.0		699	1998 SM ₁₁₆	1999 01 08.12256	01 10 58.09	+08 19 42.3	18.7		704
1998 SA ₇₃	1999 01 05.11737	01 41 17.80	+14 45 00.2		699	1998 SM ₁₁₆	1999 01 10.13043	01 12 54.03	+08 27 28.5	18.9	R	699
1998 SA ₇₃	1999 01 08.12765	01 44 50.89	+15 10 21.6	18.8	704	1998 SM ₁₁₆	1999 01 10.15818	01 12 55.69	+08 27 34.6			699
1998 SA ₇₃	1999 01 08.13827	01 44 51.53	+15 10 27.7	18.8	704	1998 SM ₁₁₆	1999 01 10.18481	01 12 57.20	+08 27 40.6			699
1998 SA ₇₃	1999 01 08.14968	01 44 52.16	+15 10 34.6	18.8	704	1998 SM ₁₁₆	1999 01 11.07809	01 13 50.25	+08 31 18.4	19.0		704
1998 SA ₇₃	1999 01 08.17279	01 44 53.98	+15 10 46.2	18.5	704	1998 SM ₁₁₆	1999 01 11.08896	01 13 50.87	+08 31 18.6	19.0		704
1998 SA ₇₃	1999 01 18.08336	01 57 58.65	+16 37 13.9	19.1	704	1998 SM ₁₁₆	1999 01 11.10008	01 13 51.47	+08 31 22.8	19.1		704
1998 SA ₇₃	1999 01 18.12731	01 58 02.17	+16 37 36.4	18.8	704	1998 SM ₁₁₆	1999 01 20.09032	01 23 26.10	+09 12 02.3	18.5	V	691
1998 SA ₇₃	1999 0											

1998 SY ₁₂₂	1998 11 15.67545	00 47 46.06	+09 06 51.1	327	1998 SU ₁₃₂	1999 01 13.12562	01 38 27.08	+10 30 11.2	19.5 V	691
1998 SY ₁₂₂	1998 11 15.68777	00 47 45.79	+09 06 51.3	327	1998 SU ₁₃₂	1999 01 13.15791	01 38 29.15	+10 30 19.8	19.2 V	691
1998 SY ₁₂₂	1998 11 15.70016	00 47 45.49	+09 06 51.1	327	1998 SU ₁₃₂	1999 01 14.08388	01 39 31.51	+10 34 33.5	19.6 V	691
1998 SE ₁₂₃	1999 01 05.79694	01 16 10.52	+05 19 43.7	19.6 V	1998 SU ₁₃₂	1999 01 14.11540	01 39 33.62	+10 34 42.4	19.5 V	691
1998 SE ₁₂₃	1999 01 05.82002	01 16 11.64	+05 19 49.3	19.7 V	1998 SU ₁₃₂	1999 01 14.14696	01 39 35.74	+10 34 51.0	19.8 V	691
1998 SE ₁₂₃	1999 01 05.84416	01 16 12.84	+05 19 55.2	19.3 V	1998 SU ₁₃₂	1999 01 18.11811	01 44 13.18	+10 53 59.7	19.8 V	691
1998 SE ₁₂₃	1999 01 09.76604	01 19 36.26	+05 36 51.4	19.8 V	1998 SU ₁₃₂	1999 01 18.16044	01 44 16.13	+10 54 12.0	19.4 V	691
1998 SE ₁₂₃	1999 01 09.78904	01 19 37.48	+05 36 57.6	19.4 V	1998 SV ₁₃₂	1999 01 11.08064	01 27 45.05	+10 31 37.7	18.6 V	704
1998 SE ₁₂₃	1999 01 09.81177	01 19 38.66	+05 37 03.5	19.7 V	1998 SV ₁₃₂	1999 01 11.09161	01 27 45.36	+10 31 40.9	18.6 V	704
1998 SE ₁₂₃	1999 01 14.76474	01 24 15.92	+06 00 34.0	20.1 V	1998 SV ₁₃₂	1999 01 11.10265	01 27 45.97	+10 31 42.0	18.6 V	704
1998 SE ₁₂₃	1999 01 14.78754	01 24 17.22	+06 00 41.9	20.5 V	1998 SV ₁₃₂	1999 01 11.11384	01 27 46.41	+10 31 42.8	18.9 V	704
1998 SE ₁₂₃	1999 01 14.81198	01 24 18.59	+06 00 48.7	20.4 V	1998 SV ₁₃₂	1999 01 14.07739	01 30 09.61	+10 39 32.4	18.6 V	691
1998 SF ₁₂₃	1999 01 05.08681	01 02 13.57	+11 47 27.7	19.1 R	1998 SV ₁₃₂	1999 01 14.10890	01 30 11.13	+10 39 36.9	18.5 V	691
1998 SF ₁₂₃	1999 01 05.10720	01 02 14.37	+11 47 34.3	19.1 R	1998 SV ₁₃₂	1999 01 14.14046	01 30 12.66	+10 39 42.1	18.8 V	691
1998 SF ₁₂₃	1999 01 05.12758	01 02 15.20	+11 47 40.2	19.1 R	1998 SV ₁₃₂	1999 01 18.11077	01 33 37.53	+10 51 36.7	18.6 V	691
1998 SK ₁₂₃	1999 01 18.10819	01 29 53.93	+10 35 22.8	19.0 V	1998 SV ₁₃₂	1999 01 18.15309	01 33 39.69	+10 51 44.8	18.6 V	691
1998 SK ₁₂₃	1999 01 18.15051	01 29 56.46	+10 35 39.0	19.2 V	1998 SW ₁₃₂	1999 01 11.08203	01 33 41.39	+08 12 12.3	18.4 V	704
1998 SN ₁₂₃	1999 01 11.07974	01 23 03.96	+10 39 10.0	19.2 V	1998 SW ₁₃₂	1999 01 11.09306	01 33 41.70	+08 12 16.8	18.4 V	704
1998 SN ₁₂₃	1999 01 11.09063	01 23 04.86	+10 39 14.3	19.0 V	1998 SW ₁₃₂	1999 01 11.10417	01 33 42.31	+08 12 16.6	18.4 V	704
1998 SN ₁₂₃	1999 01 11.10175	01 23 05.49	+10 39 18.6	19.0 V	1998 SW ₁₃₂	1999 01 11.12598	01 33 43.07	+08 12 18.7	18.6 V	704
1998 SX ₁₂₃	1999 01 09.80002	01 26 06.52	+09 56 47.6	19.2 V	1998 SW ₁₃₂	1999 01 22.14567	01 59 21.53	+11 50 23.1	20.0 V	691
1998 SX ₁₂₃	1999 01 09.10165	01 26 08.20	+09 56 58.9	18.8 V	1998 SW ₁₃₂	1999 01 22.15156	01 59 22.09	+11 50 25.6	19.7 V	691
1998 SX ₁₂₃	1999 01 09.12301	01 26 09.82	+09 57 09.8	19.0 V	1998 SW ₁₃₂	1999 01 22.15711	01 59 22.64	+11 50 28.4	20.0 V	691
1998 SX ₁₂₃	1999 01 13.08916	01 31 32.10	+10 32 33.9	19.1 V	1998 SP ₁₃₃	1999 01 20.09258	01 27 00.66	+09 14 12.7	19.7 V	691
1998 SX ₁₂₃	1999 01 13.12086	01 31 34.66	+10 32 50.5	19.1 V	1998 SP ₁₃₃	1999 01 20.10380	01 27 01.32	+09 14 16.2	19.8 V	691
1998 SX ₁₂₃	1999 01 13.15316	01 31 37.31	+10 33 08.8	19.2 V	1998 SP ₁₃₃	1999 01 20.11467	01 27 01.92	+09 14 19.7	19.8 V	691
1998 SX ₁₂₃	1999 01 14.07931	01 32 55.31	+10 41 34.7	19.0 V	1998 SP ₁₃₃	1999 01 15.08694	01 32 47.75	+09 06 56.4	20.3 V	691
1998 SX ₁₂₃	1999 01 14.11083	01 32 57.93	+10 41 51.7	19.2 V	1998 SP ₁₃₃	1999 01 15.10799	01 32 49.06	+09 07 03.4	20.2 V	691
1998 SX ₁₂₃	1999 01 14.14239	01 33 00.56	+10 42 08.8	19.2 V	1998 SP ₁₃₃	1999 01 15.12898	01 32 50.40	+09 07 11.0	20.3 V	691
1998 SR ₁₂₄	1999 01 09.75976	01 10 32.81	+05 28 42.9	20.7 V	1998 SB ₁₃₅	1998 11 11.06526	01 13 53.44	+02 44 51.1	18.0 V	704
1998 SR ₁₂₄	1999 01 09.78276	01 10 34.10	+05 28 52.3	20.3 V	1998 SB ₁₃₅	1998 11 11.08769	01 13 52.77	+02 44 50.8	18.0 V	704
1998 SR ₁₂₄	1999 01 09.80550	01 10 35.31	+05 29 00.7	20.4 V	1998 SB ₁₃₅	1998 11 11.10990	01 13 52.14	+02 44 46.4	18.0 V	704
1998 SX ₁₂₇	1998 09 24.35214	01 32 29.29	+03 37 17.0	17.6 R	1998 SB ₁₃₅	1998 11 11.13165	01 13 51.62	+02 44 46.4	18.4 V	704
1998 SX ₁₂₇	1998 09 24.37697	01 32 28.20	+03 37 09.2	17.6 R	1998 SB ₁₃₅	1998 11 11.15342	01 13 50.71	+02 44 42.1	18.4 V	704
1998 SX ₁₂₇	1998 09 24.40182	01 32 27.13	+03 37 00.0	17.4 R	1998 SB ₁₃₅	1999 01 09.77201	01 28 14.28	+05 24 09.6	19.1 V	910
1998 SX ₁₂₇	1998 10 17.24434	01 12 02.53	+01 20 14.0	17.4 R	1998 SB ₁₃₅	1999 01 09.79501	01 28 15.47	+05 24 18.4	19.2 V	910
1998 SX ₁₂₇	1998 10 17.26668	01 12 01.19	+01 20 05.8	17.4 R	1998 SB ₁₃₅	1999 01 09.81775	01 28 16.65	+05 24 27.5	20.0 V	910
1998 SX ₁₂₇	1998 10 17.28904	01 11 59.81	+01 19 58.7	17.4 R	1998 SN ₁₃₅	1999 01 18.10664	01 27 39.61	+10 42 32.9	18.8 V	691
1998 SX ₁₂₇	1999 01 09.76699	01 20 58.88	+05 26 11.5	20.0 V	1998 SN ₁₃₅	1999 01 18.14896	01 27 42.38	+10 42 55.6	18.9 V	691
1998 SX ₁₂₇	1999 01 09.79000	01 21 00.63	+05 26 25.4	19.9 V	1998 SP ₁₃₅	1999 01 15.09113	01 38 50.67	+09 11 26.8	19.6 V	691
1998 SX ₁₂₇	1999 01 09.81273	01 21 02.30	+05 26 38.1	19.9 V	1998 SP ₁₃₅	1999 01 15.11218	01 38 52.26	+09 11 37.6	19.9 V	691
1998 SD ₁₂₈	1999 01 11.07836	01 13 49.57	+04 29 52.3	18.8 V	1998 SP ₁₃₅	1999 01 15.13318	01 38 53.80	+09 11 49.2	20.4 V	691
1998 SD ₁₂₈	1999 01 11.08923	01 13 50.16	+04 29 57.1	18.5 V	1998 SQ ₁₃₅	1999 01 09.08242	01 29 34.48	+09 57 56.7	20.1 V	691
1998 SD ₁₂₈	1999 01 11.10035	01 13 50.77	+04 30 00.6	18.5 V	1998 SQ ₁₃₅	1999 01 09.10405	01 29 36.06	+09 58 08.6	19.6 V	691
1998 SD ₁₂₈	1999 01 11.11149	01 13 51.36	+04 30 06.0	19.0 V	1998 SQ ₁₃₅	1999 01 09.12541	01 29 37.63	+09 58 21.3	20.0 V	691
1998 SE ₁₂₈	1999 01 05.80542	01 28 24.32	+05 32 28.8	19.7 V	1998 SQ ₁₃₅	1999 01 14.08149	01 36 04.72	+10 48 06.7	19.7 V	691
1998 SE ₁₂₈	1999 01 05.82851	01 28 25.99	+05 32 41.7	19.7 V	1998 SQ ₁₃₅	1999 01 14.11301	01 36 07.21	+10 48 25.8	20.0 V	691
1998 SE ₁₂₈	1999 01 05.85265	01 28 27.79	+05 32 54.8	19.4 V	1998 SQ ₁₃₅	1999 01 14.14458	01 36 09.70	+10 48 45.0	20.0 V	691
1998 SK ₁₂₈	1998 09 18.40604	01 35 33.04	+05 58 58.1	18.5 R	1998 SA ₁₃₆	1998 12 22.42398	00 59 58.47	+06 18 41.3	19.1 V	327
1998 SK ₁₂₈	1998 09 18.43017	01 35 32.31	+05 58 49.7	18.5 R	1998 SA ₁₃₆	1998 12 22.42786	00 59 58.63	+06 18 42.3	19.1 V	327
1998 SK ₁₂₈	1998 09 18.45502	01 35 31.61	+05 58 43.8	18.5 R	1998 SA ₁₃₆	1998 12 22.43172	00 59 58.78	+06 18 43.6	19.1 V	327
1998 SK ₁₂₈	1999 01 09.77269	01 29 12.45	+05 31 38.9	20.0 V	1998 SH ₁₃₆	1998 09 24.35338	01 38 56.17	+03 49 30.4	17.7 R	699
1998 SK ₁₂₈	1999 01 09.79570	01 29 14.14	+05 31 50.6	19.4 V	1998 SH ₁₃₆	1998 09 24.37822	01 38 54.88	+03 49 22.8	17.7 R	699
1998 SK ₁₂₈	1999 01 09.81844	01 29 15.89	+05 32 03.2	19.7 V	1998 SH ₁₃₆	1998 09 24.40306	01 38 53.70	+03 49 15.9	17.7 R	699
1998 SU ₁₂₈	1999 01 05.79136	01 08 07.02	+05 18 33.7	19.7 V	1998 SH ₁₃₆	1998 10 19.26760	01 15 15.00	+01 30 28.9	18.6 R	699
1998 SU ₁₂₈	1999 01 05.81444	01 08 07.95	+05 18 41.4	19.2 V	1998 SH ₁₃₆	1998 10 19.29243	01 15 13.47	+01 30 22.4	18.6 R	699
1998 SU ₁₂₈	1999 01 05.83858	01 08 08.91	+05 18 49.2	19.4 V	1998 SH ₁₃₆	1998 10 19.31727	01 15 11.85	+01 30 16.3	18.6 R	699
1998 SU ₁₂₈	1999 01 09.76005	01 10 57.36	+05 40 48.7	19.9 V	1998 SH ₁₃₆	1999 01 09.76947	01 24 33.46	+05 43 29.0	21.0 V	910
1998 SU ₁₂₈	1999 01 09.78305	01 10 58.38	+05 40 56.6	19.7 V	1998 SH ₁₃₆	1999 01 09.79248	01 24 34.94	+05 43 41.1	20.5 V	910
1998 SU ₁₂₈	1999 01 09.80578	01 10 59.37	+05 41 04.7	19.6 V	1998 SH ₁₃₆	1999 01 09.81522	01 24 36.34	+05 43 51.9	20.8 V	910
1998 SU ₁₂₈	1999 01 14.75824	01 14 52.47	+06 10 29.1	19.8 V	1998 SF ₁₃₈	1999 01 20.09197	01 26 07.36	+09 12 16.8	19.0 V	691
1998 SU ₁₂₈	1999 01 14.78104	01 14 53.57	+06 10 38.5	19.6 V	1998 SF ₁₃₈	1999 01 20.10318	01 26 07.80	+09 12 19.5	19.0 V	691
1998 SU ₁₂₈	1999 01 14.80548	01 14 54.74	+06 10 47.0	19.7 V	1998 SF ₁₃₈	1999 01 20.11405	01 26 08.21	+09 12 21.9	19.0 V	691
1998 SM ₁₂₉	1999 01 05.79629	01 15 13.86	+05 43 32.3	20.4 V	1998 SH ₁₃₈	1999 01 07.07508	01 32 44.00	+09 01 42.4	20.4 V	691
1998 SM ₁₂₉	1999 01 05.81938	01 15 14.92	+05 43 39.3	20.5 V	1998 SH ₁₃₈	1999 01 07.09618	01 32 45.00	+09 01 48.5	20.6 V	691
1998 SM ₁₂₉	1999 01 05.84359	01 15 16.10	+05 43 47.1	20.7 V	1998 SH ₁₃₈	1999 01 07.11745	01 32 45.96	+09 01 54.3	20.4 V	691
1998 SU ₁₂₉	1998 12 17.43442	01 05 07.49	+04 38 14.7	19.0 V	1998 SH ₁₃₈	1999 01 15.15943	01 39 43.96	+09 42 55.3	20.3 V	691
1998 SU ₁₂₉	1998 12 17.44699	01 05 07.62	+04 38 16.1	19.0 V	1998 SH ₁₃₈	1999 01 15.18064	01 39 45.15	+09 43 02.2	20.5 V	691
1998 SU ₁₂₉	1998 12 17.45943	01 05 07.78	+04 38 17.6	19.0 V	1998 SH ₁₃₈	1999 01 15.20166	01 39 46.31	+09 43 09.5	20.6 V	691
1998 SU ₁₂₉	1999 01 05.79426	01 12 18.30	+05 34 45.1	18.9 V	1998 SM ₁₃₈	1999 01 09.07968	01 25 36.49	+09 58 37.6	20.5 V	691
1998 SU ₁₂₉	1999 01 05.81734	01 12 19.02	+05 34 50.5	18.9 V	1998 SM ₁₃₈	1999 01 09.10129	01 25 37.49	+09 58 42.8	19.8 V	691

1998 SO ₁₄₀	1999 01 08.15209	01 49 09.11	+09 52 01.7	18.5	704	1998 SJ ₁₄₆	1999 01 18.12153	01 49 09.28	+10 51 03.9	20.0	V	691
1998 SO ₁₄₀	1999 01 08.16393	01 49 10.03	+09 52 06.1	18.5	704	1998 SJ ₁₄₆	1999 01 18.16383	01 49 10.01	+10 51 09.1	20.6	V	691
1998 SO ₁₄₀	1999 01 13.10557	01 55 13.77	+10 20 05.2	18.8	V	1998 SK ₁₄₆	1999 01 11.12995	01 52 11.73	+06 26 35.2	18.3		704
1998 SO ₁₄₀	1999 01 13.13727	01 55 16.12	+10 20 16.0	18.9	V	1998 SK ₁₄₆	1999 01 11.14045	01 52 12.22	+06 26 39.6	17.9		704
1998 SO ₁₄₀	1999 01 13.16957	01 55 18.58	+10 20 27.8	19.0	V	1998 SK ₁₄₆	1999 01 11.15114	01 52 12.68	+06 26 41.8	17.9		704
1998 SW ₁₄₀	1999 01 13.09080	01 33 53.71	+10 28 41.0	19.7	V	1998 SK ₁₄₆	1999 01 11.16160	01 52 13.23	+06 26 42.4	17.9		704
1998 SW ₁₄₀	1999 01 13.12248	01 33 55.03	+10 28 48.4	19.5	V	1998 SK ₁₄₆	1999 01 17.08559	01 56 49.82	+06 54 49.3	18.6	R	699
1998 SW ₁₄₀	1999 01 13.15476	01 33 56.36	+10 28 55.2	19.8	V	1998 SK ₁₄₆	1999 01 17.10087	01 56 50.65	+06 54 53.2			699
1998 SW ₁₄₀	1999 01 18.11359	01 37 41.50	+10 48 35.7	19.8	V	1998 SK ₁₄₆	1999 01 17.11615	01 56 51.40	+06 54 57.3			699
1998 SW ₁₄₀	1999 01 18.15590	01 37 43.38	+10 48 46.1	19.8	V	1998 SO ₁₄₆	1999 01 15.09867	01 49 44.21	+09 22 00.6	19.8	V	691
1998 SZ ₁₄₀	1999 01 07.07129	01 27 16.12	+09 08 40.1	18.5	V	1998 SO ₁₄₆	1999 01 15.11972	01 49 45.23	+09 22 09.0	19.8	V	691
1998 SZ ₁₄₀	1999 01 07.09239	01 27 16.90	+09 08 44.3	18.6	V	1998 SO ₁₄₆	1999 01 15.14071	01 49 46.29	+09 22 16.7	19.3	V	691
1998 SZ ₁₄₀	1999 01 07.11366	01 27 17.67	+09 08 48.2	18.6	V	1998 ST ₁₄₆	1999 01 11.13086	01 58 45.80	+12 01 16.2	17.8		704
1998 SZ ₁₄₀	1999 01 08.09139	01 27 55.23	+09 12 02.1	18.6		1998 ST ₁₄₆	1999 01 11.14142	01 58 46.42	+12 01 20.6	17.8		704
1998 SZ ₁₄₀	1999 01 08.10303	01 27 55.63	+09 12 04.3	18.6		1998 ST ₁₄₆	1999 01 11.15204	01 58 47.03	+12 01 25.1	18.6		704
1998 SZ ₁₄₀	1999 01 08.11442	01 27 56.02	+09 12 06.5	18.6		1998 ST ₁₄₆	1999 01 11.16254	01 58 47.80	+12 01 29.5	18.6		704
1998 SZ ₁₄₀	1999 01 15.15471	01 32 54.70	+09 38 13.8	18.7	V	1998 ST ₁₄₆	1999 01 11.17302	01 58 48.57	+12 01 34.8	18.3		704
1998 SZ ₁₄₀	1999 01 15.17591	01 32 55.66	+09 38 19.1	18.8	V	1998 SE ₁₄₇	1999 01 14.09248	01 51 56.65	+10 50 57.2	19.4	V	691
1998 SZ ₁₄₀	1999 01 15.19693	01 32 56.74	+09 38 23.7	18.4	V	1998 SE ₁₄₇	1999 01 14.12399	01 51 57.95	+10 51 05.9	19.5	V	691
1998 SB ₁₄₁	1999 01 01.49228	01 29 44.05	+09 17 17.7	18.2		1998 SE ₁₄₇	1999 01 14.15554	01 51 59.23	+10 51 14.4	19.6	V	691
1998 SB ₁₄₁	1999 01 01.50484	01 29 44.57	+09 17 20.5			1998 SE ₁₄₇	1999 01 22.14486	01 58 11.27	+11 29 42.4	19.8	V	691
1998 SB ₁₄₁	1999 01 01.51713	01 29 45.06	+09 17 23.1			1998 SE ₁₄₇	1999 01 22.15075	01 58 11.56	+11 29 44.1	19.6	V	691
1998 SB ₁₄₁	1999 01 04.42993	01 31 52.22	+09 28 35.7			1998 SE ₁₄₇	1999 01 22.15629	01 58 11.89	+11 29 44.6	19.7	V	691
1998 SB ₁₄₁	1999 01 04.44216	01 31 52.79	+09 28 38.6	18.1		1998 SU ₁₄₇	1998 12 17.46791	01 37 14.18	+07 55 13.1			327
1998 SB ₁₄₁	1999 01 04.45407	01 31 53.26	+09 28 41.4			1998 SU ₁₄₇	1998 12 17.48032	01 37 14.19	+07 55 15.4			327
1998 SB ₁₄₁	1999 01 04.46619	01 31 53.86	+09 28 44.5			1998 SU ₁₄₇	1998 12 17.49249	01 37 14.34	+07 55 17.4	18.8		327
1998 SB ₁₄₁	1999 01 08.12723	01 34 48.07	+09 44 12.4	18.8		1998 SP ₁₅₆	1999 01 18.11003	01 32 32.95	+10 56 32.8	20.3	V	691
1998 SB ₁₄₁	1999 01 08.13785	01 34 48.69	+09 44 17.2	18.8		1998 SP ₁₅₆	1999 01 18.13118	01 32 34.73	+10 56 42.3	19.9	V	691
1998 SB ₁₄₁	1999 01 08.14920	01 34 49.31	+09 44 19.0	18.9		1998 SP ₁₅₆	1999 01 18.15236	01 32 36.65	+10 56 51.5	19.7	V	691
1998 SB ₁₄₁	1999 01 10.46707	01 36 47.66	+09 54 50.7			1998 SS ₁₅₆	1999 01 18.10771	01 29 12.10	+10 56 31.9	20.7	V	691
1998 SB ₁₄₁	1999 01 10.47163	01 36 47.89	+09 54 52.0			1998 SS ₁₅₆	1999 01 18.15004	01 29 15.47	+10 56 49.7	20.2	V	691
1998 SB ₁₄₁	1999 01 10.47623	01 36 48.16	+09 54 53.6	17.7		1998 SE ₁₆₁	1999 01 07.07043	01 26 01.07	+09 03 31.2	19.0	V	691
1998 SB ₁₄₁	1999 01 13.09444	01 39 09.18	+10 07 26.6	18.1	V	1998 SE ₁₆₁	1999 01 07.09153	01 26 02.00	+09 03 33.2	19.0	V	691
1998 SB ₁₄₁	1999 01 13.12612	01 39 10.84	+10 07 36.7	18.3	V	1998 SE ₁₆₁	1999 01 07.11280	01 26 02.94	+09 03 34.9	19.0	V	691
1998 SB ₁₄₁	1999 01 13.15841	01 39 12.57	+10 07 45.6	18.3	V	1998 SE ₁₆₁	1999 01 15.08679	01 32 34.81	+09 19 40.3	19.2	V	691
1998 SB ₁₄₁	1999 01 18.11796	01 44 00.22	+10 33 19.5	18.5	V	1998 SE ₁₆₁	1999 01 15.10784	01 32 35.90	+09 19 43.3	19.0	V	691
1998 SB ₁₄₁	1999 01 18.16028	01 44 02.68	+10 33 33.2	18.2	V	1998 SE ₁₆₁	1999 01 15.12883	01 32 36.99	+09 19 46.7	19.0	V	691
1998 SB ₁₄₁	1999 01 19.72537	01 45 39.05	+10 42 02.8	17.7	R	1998 SN ₁₆₂	1999 01 14.08144	01 36 00.39	+10 45 27.4	20.1	V	691
1998 SB ₁₄₁	1999 01 19.72719	01 45 39.21	+10 42 03.2			1998 SN ₁₆₂	1999 01 14.11296	01 36 02.26	+10 45 33.0	20.3	V	691
1998 SB ₁₄₁	1999 01 19.72913	01 45 39.30	+10 42 03.3			1998 SN ₁₆₂	1999 01 14.14451	01 36 04.13	+10 45 39.1	19.7	V	691
1998 SB ₁₄₁	1999 01 20.72081	01 46 41.40	+10 47 33.4	17.8	R	1998 SN ₁₆₂	1999 01 18.11536	01 40 15.16	+10 59 02.4	20.3	V	691
1998 SB ₁₄₁	1999 01 20.72271	01 46 41.57	+10 47 34.3			1998 SN ₁₆₂	1999 01 18.15769	01 40 17.80	+10 59 11.3	19.8	V	691
1998 SB ₁₄₁	1999 01 20.72453	01 46 41.66	+10 47 34.6			1998 SN ₁₆₂	1999 01 07.07974	01 39 27.95	+09 05 24.6	20.6	V	691
1998 SF ₁₄₁	1999 01 09.08171	01 28 32.95	+09 54 56.9	19.1	V	1998 SO ₁₆₂	1999 01 07.10084	01 39 29.04	+09 05 25.5	21.0	V	691
1998 SF ₁₄₁	1999 01 09.10333	01 28 33.90	+09 55 02.6	19.3	V	1998 SO ₁₆₂	1999 01 07.12212	01 39 30.12	+09 05 27.1	20.5	V	691
1998 SF ₁₄₁	1999 01 09.12468	01 28 34.81	+09 55 08.5	19.3	V	1998 SO ₁₆₂	1999 01 15.09688	01 47 09.19	+09 17 38.1	20.5	V	691
1998 SF ₁₄₁	1999 01 13.08925	01 31 39.80	+10 14 00.8	19.3	V	1998 SO ₁₆₂	1999 01 15.11793	01 47 10.39	+09 17 40.8	20.1	V	691
1998 SF ₁₄₁	1999 01 13.12093	01 31 41.30	+10 14 09.8	19.1	V	1998 SO ₁₆₂	1999 01 15.13893	01 47 11.72	+09 17 43.6	20.6	V	691
1998 SF ₁₄₁	1999 01 13.15322	01 31 42.82	+10 14 19.9	19.1	V	1998 SR ₁₆₂	1999 01 13.09035	01 33 15.28	+10 24 28.6	19.4	V	691
1998 SJ ₁₄₁	1999 01 08.07774	01 15 16.97	+13 19 09.4	18.5		1998 SR ₁₆₂	1999 01 13.12203	01 33 16.39	+10 24 31.5	19.4	V	691
1998 SJ ₁₄₁	1999 01 08.08899	01 15 17.28	+13 19 12.4	18.5		1998 SR ₁₆₂	1999 01 13.15431	01 33 17.55	+10 24 35.1	19.3	V	691
1998 SJ ₁₄₁	1999 01 08.10070	01 15 17.59	+13 19 15.2	18.5		1998 SR ₁₆₂	1999 01 18.11280	01 36 32.77	+10 33 57.7	19.3	V	691
1998 SJ ₁₄₁	1999 01 08.12285	01 15 18.51	+13 19 19.7	18.9		1998 SR ₁₆₂	1999 01 18.15511	01 36 34.40	+10 34 02.9	19.1	V	691
1998 SJ ₁₄₁	1999 01 11.07782	01 17 01.83	+13 33 24.9	18.9		1998 SZ ₁₆₃	1999 01 11.12975	01 54 16.10	+10 40 19.7	18.7		704
1998 SJ ₁₄₁	1999 01 11.08870	01 17 02.35	+13 33 27.8	18.9		1998 SZ ₁₆₃	1999 01 11.15092	01 54 16.63	+10 40 30.0	18.7		704
1998 SJ ₁₄₁	1999 01 11.09982	01 17 02.76	+13 33 29.7	18.9		1998 SZ ₁₆₃	1999 01 11.17191	01 54 17.08	+10 40 38.2	18.6		704
1998 SJ ₁₄₁	1999 01 11.12180	01 17 03.52	+13 33 38.0	19.2		1998 SZ ₁₆₃	1999 01 14.09514	01 55 46.83	+11 01 27.5	18.2	V	691
1998 SO ₁₄₂	1999 01 18.11936	01 46 01.24	+10 34 22.3	20.2	V	1998 SZ ₁₆₃	1999 01 14.12664	01 55 47.82	+11 01 41.3	18.5	V	691
1998 SO ₁₄₂	1999 01 18.16168	01 46 03.93	+10 34 45.0	20.3	V	1998 TA	1999 01 14.15819	01 55 48.83	+11 01 55.2	18.3	V	691
1998 SP ₁₄₃	1999 01 18.10629	01 27 09.66	+10 44 55.1	19.9	V	1998 TA	1999 01 05.08808	01 08 22.31	+13 35 23.7	18.8	R	699
1998 SP ₁₄₃	1999 01 18.14861	01 27 11.74	+10 45 08.8	19.9	V	1998 TA	1999 01 05.10848	01 08 23.29	+13 35 29.9			699
1998 SS ₁₄₃	1999 01 07.07020	01 25 41.41	+09 02 39.5	19.8	V	1998 TA	1999 01 05.12884	01 08 24.21	+13 35 35.3			699
1998 SS ₁₄₃	1999 01 07.09130	01 25 42.24	+09 02 44.2	20.0	V	1998 TA	1999 01 08.07691	01 10 50.25	+13 48 15.2	18.9		704
1998 SS ₁₄₃	1999 01 07.11257	01 25 43.08	+09 02 48.6	20.0	V	1998 TA	1999 01 08.08807	01 10 50.87	+13 48 19.5	18.7		704
1998 SS ₁₄₃	1999 01 15.15389	01 31 44.35	+09 35 37.7	19.9	V	1998 TA	1999 01 08.09981	01 10 51.47	+13 48 23.9	18.7		704
1998 SS ₁₄₃	1999 01 15.17510	01 31 45.37	+09 35 43.4	19.9	V	1998 TB	1999 01 08.11109	01 10 52.11	+13 48 28.2	18.8		704
1998 SS ₁₄₃	1999 01 15.19612	01 31 46.41	+09 35 49.7	20.1	V	1998 TB	1999 01 11.54866	04 35 08.07	+18 08 21.3	17	V	888
1998 ST ₁₄₃	1999 01 18.11635	01 41 40.99	+11 03 11.5	20.1	V	1998 TB	1999 01 11.56514	04 35 07.70	+18 08 24.9			888
1998 ST ₁₄₃	1999 01 18.15867	01 41 43.38	+11 03 23.1	20.3	V	1998 TB	1999 01 22.54075	04 33 40.43	+18 52 45.5	17.5	V	888
1998 SB ₁₄₄												

1998 TP ₂	1999 01 11.15316	02 07 03.91	+14 29 24.5	18.1	704	1998 TA ₁₈	1999 01 08.13820	01 42 06.27	+14 18 37.1	704	
1998 TP ₂	1999 01 11.16366	02 07 04.45	+14 29 26.1	18.1	704	1998 TA ₁₈	1999 01 08.14960	01 42 07.35	+14 18 38.5	18.1	704
1998 TP ₂	1999 01 11.17415	02 07 05.20	+14 29 28.8	18.4	704	1998 TA ₁₈	1999 01 08.16136	01 42 08.42	+14 18 41.6	18.1	704
1998 TO ₃	1999 01 08.07657	01 10 22.79	+20 35 25.6	18.6	704	1998 TA ₁₈	1999 01 08.17271	01 42 09.48	+14 18 44.5	18.7	704
1998 TO ₃	1999 01 08.08771	01 10 23.44	+20 35 34.4	18.6	704	1998 TG ₃₀	1999 01 14.84405	02 36 19.12	+16 47 23.2	19.6	V 910
1998 TO ₃	1999 01 08.09940	01 10 24.09	+20 35 41.1	18.9	704	1998 TG ₃₀	1999 01 14.86734	02 36 20.68	+16 47 30.6	19.3	V 910
1998 TO ₃	1999 01 08.11066	01 10 24.74	+20 35 47.7	19.3	704	1998 TG ₃₀	1999 01 14.89047	02 36 22.23	+16 47 37.9	19.4	V 910
1998 TQ ₃	1999 01 08.12928	01 51 23.86	+21 01 33.1	18.1	704	1998 TK ₃₀	1999 01 17.09068	02 25 19.25	+06 19 42.8	18.6	R 699
1998 TQ ₃	1999 01 08.14008	01 51 24.45	+21 01 39.8	18.1	704	1998 TK ₃₀	1999 01 17.10596	02 25 20.07	+06 19 46.4		699
1998 TQ ₃	1999 01 08.15145	01 51 25.19	+21 01 45.1	18.2	704	1998 TK ₃₀	1999 01 17.12124	02 25 21.10	+06 19 50.7		699
1998 TQ ₃	1999 01 08.16328	01 51 25.95	+21 01 50.6	18.2	704	1998 TN ₃₀	1999 01 09.42063	02 14 28.86	+13 27 32.2		327
1998 TQ ₃	1999 01 08.17443	01 51 26.58	+21 01 57.1	18.7	704	1998 TN ₃₀	1999 01 09.43606	02 14 29.59	+13 27 35.6		327
1998 TQ ₃	1999 01 14.08304	01 58 07.67	+21 53 52.4	18.0	R 699	1998 TN ₃₀	1999 01 09.45083	02 14 30.29	+13 27 38.8	18.9	327
1998 TQ ₃	1999 01 14.09830	01 58 08.70	+21 54 00.5		699	1998 TR ₃₀	1999 01 14.10003	02 02 50.51	+10 37 53.9	19.3	V 691
1998 TQ ₃	1999 01 14.11358	01 58 09.78	+21 54 08.7		699	1998 TR ₃₀	1999 01 14.13153	02 02 51.45	+10 37 57.9	19.5	V 691
1998 TR ₃	1999 01 08.12629	01 41 54.65	+26 54 23.0	18.0	704	1998 TR ₃₀	1999 01 14.16308	02 02 52.41	+10 38 02.4	19.7	V 691
1998 TR ₃	1999 01 08.13678	01 41 55.13	+26 54 27.4	17.9	704	1998 TU ₃₀	1999 01 08.15277	02 13 43.54	+19 26 50.6		699
1998 TR ₃	1999 01 08.14816	01 41 55.70	+26 54 31.0	17.9	704	1998 TU ₃₀	1999 01 08.17819	02 13 43.94	+19 26 53.9		699
1998 TR ₃	1999 01 08.15987	01 41 56.17	+26 54 36.2	17.9	704	1998 TU ₃₀	1999 01 08.20362	02 13 44.26	+19 26 56.6		699
1998 TR ₃	1999 01 08.17140	01 41 56.82	+26 54 40.2	18.0	704	1998 TX ₃₀	1999 01 08.13039	02 01 08.70	+19 12 08.5	18.6	704
1998 TR ₃	1999 01 09.14434	01 42 43.14	+27 00 40.2	17.1	R 699	1998 TX ₃₀	1999 01 08.14120	02 01 09.25	+19 12 12.8	18.6	704
1998 TR ₃	1999 01 09.16470	01 42 44.11	+27 00 47.4		699	1998 TX ₃₀	1999 01 08.15022	02 01 09.69	+19 12 14.5	17.9	R 699
1998 TR ₃	1999 01 09.18692	01 42 45.15	+27 00 55.3		699	1998 TX ₃₀	1999 01 08.15267	02 01 09.86	+19 12 16.7	18.9	704
1998 TU ₃	1999 01 06.40424	23 10 43.97	-10 09 25.4	16.9	R 428	1998 TX ₃₀	1999 01 08.16452	02 01 10.49	+19 12 19.1	19.2	704
1998 TU ₃	1999 01 06.40756	23 10 44.38	-10 09 22.3	17.1	R 428	1998 TX ₃₀	1999 01 08.17561	02 01 11.08	+19 12 21.0	19.0	704
1998 TU ₃	1999 01 06.41073	23 10 44.78	-10 09 18.8	16.9	R 428	1998 TX ₃₀	1999 01 08.17565	02 01 11.06	+19 12 18.7		699
1998 TU ₃	1999 01 06.45215	23 10 49.82	-10 08 34.3	16.6	R 422	1998 TX ₃₀	1999 01 08.20108	02 01 12.30	+19 12 25.3		699
1998 TU ₃	1999 01 06.71795	23 11 23.37	-10 04 05.7	16.1	R 046	1998 TX ₃₀	1999 01 11.13163	02 03 55.30	+19 23 33.4	18.5	704
1998 TU ₃	1999 01 06.71991	23 11 23.60	-10 04 03.6		046	1998 TX ₃₀	1999 01 11.14221	02 03 56.01	+19 23 37.7	18.3	704
1998 TU ₃	1999 01 06.72139	23 11 23.80	-10 04 02.6		046	1998 TX ₃₀	1999 01 11.15282	02 03 56.74	+19 23 39.9	18.3	704
1998 TU ₃	1999 01 06.72230	23 11 23.88	-10 04 01.1		046	1998 TX ₃₀	1999 01 11.16331	02 03 57.22	+19 23 42.0	18.6	704
1998 TU ₃	1999 01 14.42131	23 27 14.26	-07 47 25.3	16.9	R 428	1998 TY ₃₀	1999 01 14.08304	01 57 09.23	+20 45 06.7	17.9	R 699
1998 TU ₃	1999 01 15.40689	23 29 14.36	-07 29 46.1	16.7	R 428	1998 TY ₃₀	1999 01 14.09830	01 57 09.69	+20 45 10.6		699
1998 TU ₃	1999 01 15.42894	23 29 17.05	-07 29 21.6	16.6	R 422	1998 TY ₃₀	1999 01 14.11358	01 57 10.20	+20 45 13.2		699
1998 TU ₃	1999 01 15.43074	23 29 17.27	-07 29 19.6	16.6	R 422	1998 TW ₃₂	1999 01 11.13036	02 00 42.75	+03 36 56.2	18.4	704
1998 TU ₃	1999 01 15.43147	23 29 17.37	-07 29 19.0	16.7	R 422	1998 TW ₃₂	1999 01 11.14091	02 00 43.26	+03 36 58.8	18.3	704
1998 TU ₃	1999 01 18.41471	23 35 17.97	-06 35 42.7	16.6	R 428	1998 TW ₃₂	1999 01 11.16200	02 00 44.11	+03 37 03.9	18.3	704
1998 TU ₃	1999 01 18.42343	23 35 18.96	-06 35 33.9	16.8	R 428	1998 TW ₃₂	1999 01 11.17252	02 00 44.53	+03 37 05.1	19.3	704
1998 TU ₃	1999 01 19.40485	23 37 16.59	-06 17 51.2	16.9	R 428	1998 TA ₃₄	1999 01 17.09705	02 20 13.28	+04 18 45.8	17.8	R 699
1998 TU ₃	1999 01 19.40795	23 37 16.95	-06 17 47.6	16.8	R 428	1998 TA ₃₄	1999 01 17.11233	02 20 13.80	+04 18 49.2		699
1998 TU ₃	1999 01 19.41916	23 37 18.25	-06 17 35.5	17.0	R 428	1998 TA ₃₄	1999 01 17.12760	02 20 14.35	+04 18 51.7		699
1998 TU ₃	1999 01 22.41519	23 43 12.76	-05 23 27.5	16.6	R 428	1998 TR ₃₄	1999 01 13.11037	02 02 09.57	+10 31 10.8	19.3	V 691
1998 TU ₃	1999 01 22.41830	23 43 13.19	-05 23 24.1	16.6	R 428	1998 TR ₃₄	1999 01 13.14206	02 02 11.07	+10 31 24.1	19.2	V 691
1998 TU ₃	1999 01 23.41286	23 45 09.27	-05 05 24.5	16.6	R 428	1998 TR ₃₄	1999 01 13.17435	02 02 12.60	+10 31 39.1	19.5	V 691
1998 TU ₃	1999 01 23.41686	23 45 09.75	-05 05 20.2	16.6	R 428	1998 TR ₃₄	1999 01 13.10761	01 58 09.77	+10 32 13.1	20.2	V 691
1998 TU ₃	1999 01 26.40647	23 50 52.59	-04 11 15.0	16.9	R 428	1998 TU ₃₄	1999 01 13.13929	01 58 11.10	+10 32 23.4	20.0	V 691
1998 TU ₃	1999 01 26.40993	23 50 53.04	-04 11 10.9	16.8	R 428	1998 TU ₃₄	1999 01 13.17157	01 58 12.47	+10 32 33.5	20.1	V 691
1998 TU ₃	1999 01 26.41330	23 50 53.34	-04 11 07.4	16.7	R 428	1998 TU ₃₄	1999 01 14.09729	01 58 53.38	+10 37 32.6	20.3	V 691
1998 TG ₅	1999 01 09.42063	02 15 02.17	+14 01 13.9		327	1998 TU ₃₄	1999 01 14.12880	01 58 54.76	+10 37 42.9	20.5	V 691
1998 TG ₅	1999 01 09.43606	02 15 02.77	+14 01 20.7		327	1998 UH ₃₄	1999 01 14.16035	01 58 56.15	+10 37 52.8	20.4	V 691
1998 TG ₅	1999 01 09.45083	02 15 03.38	+14 01 26.9	18.8	327	1998 UH	1999 01 09.13061	02 00 13.42	+47 08 17.5	18.5	704
1998 TG ₅	1999 01 10.84144	02 15 47.00	+14 08 45.2	18.7	327	1998 UH	1999 01 09.14107	02 00 13.87	+47 08 12.7	18.4	704
1998 TG ₅	1999 01 10.49042	02 15 47.39	+14 08 49.3		327	1998 UH	1999 01 09.15154	02 00 14.48	+47 08 08.0	18.4	704
1998 TG ₅	1999 01 10.49950	02 15 47.78	+14 08 53.2		327	1998 UH	1999 01 09.16235	02 00 15.41	+47 08 03.1	18.4	704
1998 TG ₅	1999 01 11.42398	02 16 28.62	+14 15 31.7		327	1998 UU	1999 01 09.07005	01 43 10.72	+30 14 34.8	18.6	R 699
1998 TG ₅	1999 01 11.46534	02 16 30.43	+14 15 49.7	18.3	327	1998 UU	1999 01 09.08988	01 43 12.70	+30 14 24.1		699
1998 TG ₅	1999 01 11.48531	02 16 31.28	+14 15 57.8		327	1998 UU	1999 01 09.10516	01 43 14.23	+30 14 14.6		699
1998 TO ₅	1999 01 11.13726	02 31 02.91	+06 52 19.7	18.1	704	1998 UZ	1999 01 11.13238	02 04 43.75	+07 00 42.6	18.6	704
1998 TO ₅	1999 01 11.14786	02 31 03.22	+06 52 24.2	18.1	704	1998 UZ	1999 01 11.15356	02 04 44.52	+07 00 47.0	18.6	704
1998 TO ₅	1999 01 11.15843	02 31 03.82	+06 52 24.1	18.1	704	1998 UZ	1999 01 11.16406	02 04 44.97	+07 00 47.5	18.4	704
1998 TO ₅	1999 01 11.16891	02 31 04.13	+06 52 24.0	18.3	704	1998 UA ₁	1999 01 06.11675	02 11 04.55	+15 06 13.1	18.6	R 699
1998 TR ₅	1999 01 08.14370	02 12 05.64	+17 28 49.5	17.2	704	1998 UA ₁	1999 01 06.13712	02 11 05.62	+15 06 22.2		699
1998 TR ₅	1999 01 08.15149	02 12 05.87	+17 28 51.8	18.1	R 699	1998 UA ₁	1999 01 06.15752	02 11 06.69	+15 06 30.7		699
1998 TR ₅	1999 01 08.15544	02 12 05.98	+17 28 53.3	17.2	704	1998 UA ₁	1999 01 11.13337	02 15 58.12	+15 41 38.1	18.9	704
1998 TR ₅	1999 01 08.16722	02 12 06.33	+17 28 56.1	17.2	704	1998 UA ₁	1999 01 11.14396	02 15 58.90	+15 41 40.2	18.9	704
1998 TR ₅	1999 01 08.17692	02 12 06.86	+17 28 57.1		699	1998 UA ₁	1999 01 11.16503	02 16 00.04	+15 41 51.2	18.5	704
1998 TR ₅	1999 01 08.17798	02 12 06.94	+17 28 58.2	17.6	704	1998 UA ₁	1999 01 11.17554	02 16 00.62	+15 41 55.6	18.3	704
1998 TR ₅	1999 01 08.20235	02 12 07.77	+17 29 04.1		699	1998 UK ₁	1999 01 15.15979	01 40 15.31	+09 32 02.0	19.6	V 691
1998 TF ₆	1999 01 06.13203	02 24 50.53	+13 59 40.5	18.6	R 699	1998 UK ₁	1999 01 15.18100	01 40 16.20	+09 32 07.0	20.1	V 691
1998 TF ₆	1999 01 06.15242	02 24 51.34	+13 59 46.8		699	1998 UK ₁	1999 01 15.20202	01 40 17.02	+09 32 11.6	20.0	V 691
1998 TF ₆	1999 01 06.17282	02 24 52.06	+13 59 52.7		699	1998 UW ₁	1999 01 07.22876	03 36 22.62	+08 52 11.2</		

1998 UX ₄	1999 01 15.20725	01 47 50.04	+09 52 34.8	20.6 V	691	1998 UO ₁₅	1999 01 14.90159	02 52 26.70	+16 46 34.5	19.7 V	910
1998 UX ₄	1999 01 19.12181	01 51 33.84	+10 22 14.4	21.1 V	691	1998 UQ ₁₅	1999 01 07.15142	02 41 37.51	+13 41 00.1	18.2 R	699
1998 UX ₄	1999 01 19.14307	01 51 35.07	+10 22 23.8	21.1 V	691	1998 UQ ₁₅	1999 01 07.16671	02 41 37.85	+13 41 03.4		699
1998 UX ₄	1999 01 19.16487	01 51 36.35	+10 22 34.2	20.7 V	691	1998 UQ ₁₅	1999 01 07.18200	02 41 38.02	+13 41 07.2		699
1998 UL ₆	1999 01 10.45222	09 13 09.00	+20 54 08.7	17.4 R	699	1998 UR ₁₅	1999 01 06.19275	02 44 02.84	+16 35 54.5	17.7 R	699
1998 UL ₆	1999 01 10.47263	09 13 08.19	+20 54 18.3		699	1998 UR ₁₅	1999 01 06.21920	02 44 03.23	+16 35 55.8		699
1998 UL ₆	1999 01 10.49304	09 13 07.46	+20 54 27.4		699	1998 UR ₁₅	1999 01 06.24073	02 44 03.51	+16 35 58.2		699
1998 UP ₆	1999 01 09.12778	02 40 05.75	+32 37 30.2	17.5 R	699	1998 UR ₁₅	1999 01 09.83705	02 45 06.87	+16 40 20.3	18.0 V	910
1998 UP ₆	1999 01 09.14816	02 40 06.03	+32 37 29.2		699	1998 UR ₁₅	1999 01 09.85952	02 45 07.30	+16 40 22.2	18.1 V	910
1998 UP ₆	1999 01 09.17035	02 40 06.33	+32 37 27.4		699	1998 UR ₁₅	1999 01 09.88376	02 45 07.79	+16 40 24.0	17.5 V	910
1998 UP ₆	1999 01 14.13731	02 41 45.21	+32 32 58.2	17.7 R	699	1998 UR ₁₅	1999 01 13.83614	02 46 39.76	+16 46 51.6	18.3 V	910
1998 UP ₆	1999 01 14.15759	02 41 45.65	+32 32 56.7		699	1998 UR ₁₅	1999 01 13.85927	02 46 40.33	+16 46 54.0	18.3 V	910
1998 UP ₆	1999 01 14.17290	02 41 46.02	+32 32 55.8		699	1998 UR ₁₅	1999 01 13.88387	02 46 40.95	+16 46 56.8	18.2 V	910
1998 UP ₆	1999 01 20.45883	02 44 51.77	+32 30 27.2	18 V	888	1998 UR ₁₅	1999 01 14.85152	02 47 06.99	+16 48 46.2	18.2 V	910
1998 UP ₆	1999 01 20.46801	02 44 52.14	+32 30 27.0		888	1998 UR ₁₅	1999 01 14.87480	02 47 07.62	+16 48 48.8	18.1 V	910
1998 UU ₆	1998 12 29.52645	07 32 14.26	+36 49 40.8	17.5 V	886	1998 UR ₁₅	1999 01 14.89792	02 47 08.23	+16 48 51.6	18.4 V	910
1998 UU ₆	1998 12 29.53928	07 32 13.20	+36 49 45.4		886	1998 UR ₁₅	1999 01 08.15657	02 34 33.05	+19 04 30.7	18.7 R	699
1998 UU ₆	1998 12 29.55852	07 32 12.01	+36 49 55.2		886	1998 UR ₁₅	1999 01 08.18200	02 34 33.68	+19 04 36.6		699
1998 UU ₆	1999 01 11.66583	07 16 00.39	+38 12 18.6	17 V	888	1998 UW ₁₅	1999 01 08.20743	02 34 34.40	+19 04 42.2		699
1998 UU ₆	1999 01 11.67287	07 15 59.87	+38 12 20.9		888	1998 UB ₁₆	1999 01 09.09413	01 46 28.63	+09 42 04.5	19.8 V	691
1998 UU ₆	1999 01 19.20063	07 06 55.64	+38 41 12.8	18.7	704	1998 UB ₁₆	1999 01 09.11574	01 46 29.08	+09 42 11.9	19.7 V	691
1998 UU ₆	1999 01 19.22292	07 06 54.13	+38 41 16.8	18.7	704	1998 UB ₁₆	1999 01 09.13709	01 46 29.54	+09 42 18.1	20.2 V	691
1998 UU ₆	1999 01 19.24519	07 06 52.48	+38 41 19.8	20.2	704	1998 UB ₁₆	1999 01 13.10065	01 48 06.89	+10 03 58.4	20.2 V	691
1998 UU ₆	1999 01 19.26748	07 06 50.92	+38 41 24.3	18.8	704	1998 UB ₁₆	1999 01 13.16460	01 48 08.58	+10 04 19.9	19.9 V	691
1998 UU ₆	1999 01 19.28961	07 06 49.48	+38 41 28.0	19.4	704	1998 UL ₁₆	1999 01 06.80475	02 48 43.99	+15 46 40.3	19.5 V	910
1998 UU ₆	1999 01 21.69468	07 04 06.70	+38 47 41.3	17 V	888	1998 UL ₁₆	1999 01 06.83068	02 48 44.51	+15 46 46.9	19.8 V	910
1998 UU ₆	1999 01 21.70510	07 04 06.01	+38 47 42.2		888	1998 UL ₁₆	1999 01 06.85533	02 48 45.01	+15 46 52.5	19.7 V	910
1998 UZ ₆	1998 11 13.43264	04 42 57.25	+02 33 18.8	18.0	704	1998 UB ₁₇	1999 01 07.23094	03 45 44.49	+05 19 46.9	18.5	704
1998 UZ ₆	1998 11 13.44237	04 42 56.80	+02 33 17.1	18.0	704	1998 UB ₁₇	1999 01 07.24128	03 45 44.20	+05 19 58.7	18.5	704
1998 UZ ₆	1998 11 13.45221	04 42 56.39	+02 33 13.9	18.0	704	1998 UB ₁₇	1999 01 07.25164	03 45 44.20	+05 20 09.5	18.5	704
1998 UZ ₆	1998 11 13.46203	04 42 55.89	+02 33 11.2	18.6	704	1998 UB ₁₇	1999 01 07.27230	03 45 43.56	+05 20 28.5	18.7	704
1998 UZ ₆	1998 11 13.47177	04 42 55.26	+02 33 09.5	18.6	704	1998 UK ₁₈	1998 10 23.65884	01 12 56.11	+19 52 38.1		327
1998 UZ ₆	1998 12 22.07137	04 09 59.98	+01 58 36.5	18.1	704	1998 UK ₁₈	1998 10 23.66277	01 12 56.11	+19 52 36.8	18.6	327
1998 UZ ₆	1998 12 22.11675	04 09 58.06	+01 58 45.3	17.9	704	1998 UK ₁₈	1998 10 23.66669	01 12 55.91	+19 52 34.9		327
1998 UZ ₆	1998 12 22.13941	04 09 56.97	+01 58 48.8	17.2	704	1998 UL ₁₈	1999 01 07.23032	03 41 38.69	+03 09 27.3	18.6	704
1998 UZ ₆	1998 12 22.16211	04 09 55.96	+01 58 52.7	17.2	704	1998 UL ₁₈	1999 01 07.25100	03 41 38.25	+03 09 50.0	18.9	704
1998 UZ ₆	1999 01 13.21484	04 00 11.07	+03 40 34.9	18.5 R	699	1998 UL ₁₈	1999 01 07.26138	03 41 37.92	+03 10 03.1	19.1	704
1998 UZ ₆	1999 01 13.23522	04 00 10.84	+03 40 42.1		699	1998 UL ₁₈	1999 01 07.27168	03 41 37.52	+03 10 17.3	19.3	704
1998 UZ ₆	1999 01 13.25561	04 00 10.69	+03 40 49.9		699	1998 UM ₁₈	1999 01 19.13265	04 52 49.02	+09 23 56.2		703
1998 UA ₇	1999 01 10.22000	03 58 21.03	+09 57 49.8	18.3 R	699	1998 UM ₁₈	1999 01 19.15611	04 52 48.64	+09 23 48.0	18.2 R	703
1998 UA ₇	1999 01 10.24774	03 58 20.54	+09 58 01.0		699	1998 UN ₁₈	1999 01 14.24267	05 03 33.42	+05 46 08.3	17.1 R	699
1998 UA ₇	1999 01 10.27325	03 58 20.00	+09 58 12.3		699	1998 UN ₁₈	1999 01 14.26926	05 03 32.72	+05 45 47.3		699
1998 UA ₇	1999 01 15.08519	03 57 07.78	+10 34 43.5	18.3 R	699	1998 UN ₁₈	1999 01 14.27909	05 03 32.42	+05 45 40.3		699
1998 UA ₇	1999 01 15.10044	03 57 07.50	+10 34 51.1		699	1998 UP ₁₈	1999 01 20.08530	03 53 56.30	+19 56 10.7	18.4	732
1998 UA ₇	1999 01 15.11573	03 57 07.31	+10 34 58.3		699	1998 UP ₁₈	1999 01 20.08990	03 53 56.45	+19 56 10.5	18.6	732
1998 UB ₇	1999 01 07.17619	02 43 46.51	+14 15 31.5	18.1	704	1998 UP ₁₈	1999 01 20.09448	03 53 56.56	+19 56 10.1	18.7	732
1998 UB ₇	1999 01 07.19716	02 43 47.42	+14 15 40.3	17.1	704	1998 UP ₁₈	1999 01 21.15964	03 54 23.74	+19 54 42.2	18.8	732
1998 UB ₇	1999 01 07.20760	02 43 47.73	+14 15 46.3	17.1	704	1998 UP ₁₈	1999 01 21.16427	03 54 23.86	+19 54 41.1	19.1	732
1998 UB ₇	1999 01 07.21795	02 43 48.35	+14 15 49.0	17.1	704	1998 UP ₁₈	1999 01 21.16889	03 54 23.98	+19 54 41.2	19.0	732
1998 UD ₇	1999 01 13.82798	02 34 51.55	+16 59 07.5	19.3 V	910	1998 UQ ₁₈	1999 01 06.27885	03 52 20.82	+25 06 05.1	17.7 R	699
1998 UD ₇	1999 01 13.85111	02 34 52.17	+16 59 10.9	19.1 V	910	1998 UQ ₁₈	1999 01 06.29927	03 52 20.33	+25 06 06.7		699
1998 UD ₇	1999 01 13.85751	02 34 52.81	+16 59 14.2	19.2 V	910	1998 UQ ₁₈	1999 01 06.31976	03 52 19.88	+25 06 06.2		699
1998 UD ₇	1999 01 14.84338	02 35 19.97	+17 01 25.8	19.3 V	910	1998 UT ₁₈	1998 12 06.22400	12 11 54.00	+46 52 43.8		104
1998 UD ₇	1999 01 14.86665	02 35 20.61	+17 01 29.1	19.2 V	910	1998 UT ₁₈	1998 12 06.22494	12 11 55.22	+46 52 43.0		104
1998 UD ₇	1999 01 14.88978	02 35 21.25	+17 01 32.0	19.2 V	910	1998 UT ₁₈	1998 12 06.22589	12 11 56.46	+46 52 42.2		104
1998 UF ₇	1998 11 13.43270	04 44 13.78	+01 42 22.5	17.8	704	1998 UT ₁₈	1998 12 06.22685	12 11 57.72	+46 52 41.7		104
1998 UF ₇	1998 11 13.44243	04 44 13.27	+01 42 17.8	17.8	704	1998 UO ₁₉	1998 12 17.46791	01 33 49.23	+07 23 34.6		327
1998 UF ₇	1998 11 13.45227	04 44 12.81	+01 42 13.5	18.5	704	1998 UO ₁₉	1998 12 17.48032	01 33 49.55	+07 23 30.4	18.8	327
1998 UF ₇	1998 11 13.46210	04 44 12.35	+01 42 08.4	18.4	704	1998 UO ₁₉	1998 12 17.49249	01 33 49.91	+07 23 27.0		327
1998 UF ₇	1998 11 13.47183	04 44 12.00	+01 42 01.3	18.4	704	1998 UO ₁₉	1999 01 13.83365	02 43 00.86	+17 18 52.4	19.1 V	910
1998 UF ₇	1998 12 19.06877	04 14 17.38	+00 48 51.5	17.5	704	1998 UW ₁₉	1999 01 13.85678	02 43 01.31	+17 18 53.9	19.0 V	910
1998 UF ₇	1998 12 19.09167	04 14 16.44	+00 48 51.8	17.5	704	1998 UW ₁₉	1999 01 13.88137	02 43 01.81	+17 18 56.5	19.0 V	910
1998 UF ₇	1998 12 19.11454	04 14 15.53	+00 48 51.2	17.5	704	1998 UJ ₂₀	1999 01 06.12311	01 54 58.72	+15 00 35.0	17.5 R	699
1998 UF ₇	1998 12 19.13731	04 14 14.60	+00 48 52.5	17.3	704	1998 UJ ₂₀	1999 01 06.14348	01 55 00.13	+15 00 38.3		699
1998 UF ₇	1998 12 19.16009	04 14 13.56	+00 48 51.4	17.3	704	1998 UJ ₂₀	1999 01 06.16390	01 55 01.52	+15 00 41.2		699
1998 UF ₇	1999 01 09.19523	04 05 16.95	+00 07 12.2	18.3 R	699	1998 UJ ₂₀	1999 01 08.13017	01 57 22.56	+15 05 32.2	18.4	704
1998 UF ₇	1999 01 09.21561	04 05 16.71	+00 07 20.4		699	1998 UJ ₂₀	1999 01 08.14099	01 57 23.40	+15 05 32.3	18.4	704
1998 UF ₇	1999 01 09.23602	04 05 16.49	+00 07 25.2		699	1998 UJ ₂₀	1999 01 08.15242	01 57 24.12	+15 05 35.9	18.4	704
1998 UK ₇	1999 01 08.15277	02 19 47.11	+20 14 18.3	17.6 R	699	1998 UJ ₂₀	1999 01 08.16423	01 57 25.02	+15 05 37.3	18.4	704
1998 UK ₇	1999 01 08.17819	02 19 47.68	+20 14 27.7		699	1998 UJ ₂₀	1999 01 08.17540	01 57 25.83	+15 05 38.5	18.4	704
1998 UK ₇	1999 01 08.20362	02 19 48.29	+20 14 36.1		699	1998 UJ					

1998 UA ₂₁	1999 01	14.85365	02 50 09.75	+17 06 01.7	19.7 V	910	1998 UQ ₃₂	1998 12	02.78310	08 29 08.58	+21 34 53.5		327
1998 UA ₂₁	1999 01	14.87693	02 50 10.56	+17 06 10.0	19.6 V	910	1998 UQ ₃₂	1998 12	09.80752	08 29 41.78	+22 02 34.5	17.7	327
1998 UA ₂₁	1999 01	14.90066	02 50 11.39	+17 06 19.0	19.5 V	910	1998 UQ ₃₂	1998 12	09.82618	08 29 41.68	+22 02 39.3		327
1998 UA ₂₁	1999 01	19.75755	02 53 31.41	+17 37 07.9	19.8 V	910	1998 UQ ₃₂	1998 12	09.83850	08 29 41.60	+22 02 42.4		327
1998 UA ₂₁	1999 01	19.78199	02 53 32.46	+17 37 17.3	19.8 V	910	1998 UQ ₃₂	1999 01	07.63319	08 13 06.87	+25 00 47.0	15.5	411
1998 UA ₂₁	1999 01	19.80533	02 53 33.50	+17 37 26.7	20.1 V	910	1998 UQ ₃₂	1999 01	07.65212	08 13 05.66	+25 00 55.2		411
1998 UY ₂₁	1999 01	14.07514	01 26 54.42	+10 39 38.5	19.9 V	691	1998 UQ ₃₂	1999 01	08.59272	08 12 08.45	+25 07 25.5		411
1998 UY ₂₁	1999 01	14.10665	01 26 55.82	+10 39 41.5	19.9 V	691	1998 UQ ₃₂	1999 01	08.59546	08 12 08.26	+25 07 26.9		411
1998 UY ₂₁	1999 01	14.13820	01 26 57.28	+10 39 45.1	19.8 V	691	1998 UV ₃₅	1999 01	07.07135	01 27 20.85	+09 29 28.5	20.2 V	691
1998 UY ₂₁	1999 01	18.10837	01 30 09.12	+10 48 05.4	19.8 V	691	1998 UV ₃₅	1999 01	07.09245	01 27 21.85	+09 29 37.4	20.5 V	691
1998 UY ₂₁	1999 01	18.15068	01 30 11.11	+10 48 11.4	19.7 V	691	1998 UV ₃₅	1999 01	07.11372	01 27 22.85	+09 29 44.9	20.5 V	691
1998 UZ ₂₁	1999 01	05.79708	01 16 22.32	+05 27 35.6	20.1 V	910	1998 UV ₃₅	1999 01	09.08205	01 29 01.64	+09 42 24.8	21.1 V	691
1998 UZ ₂₁	1999 01	05.82016	01 16 23.27	+05 27 46.8	20.1 V	910	1998 UV ₃₅	1999 01	09.10366	01 29 02.80	+09 42 33.2	20.4 V	691
1998 UZ ₂₁	1999 01	05.84430	01 16 24.26	+05 27 58.3	19.8 V	910	1998 UV ₃₅	1999 01	09.12502	01 29 03.81	+09 42 41.7	20.7 V	691
1998 UT ₂₂	1999 01	19.47552	02 54 01.14	+16 29 10.0	19.0 R	428	1998 UF ₃₇	1999 01	07.07231	01 28 44.37	+09 31 04.8	19.5 V	691
1998 UT ₂₂	1999 01	19.49352	02 54 01.73	+16 29 19.9	19.0 R	428	1998 UF ₃₇	1999 01	07.09341	01 28 44.96	+09 31 08.6	19.6 V	691
1998 UU ₂₂	1999 01	09.52774	02 49 04.72	+14 18 06.2	18.5 V	888	1998 UF ₃₇	1999 01	07.11468	01 28 45.55	+09 31 12.4	19.6 V	691
1998 UU ₂₂	1999 01	09.53845	02 49 04.93	+14 18 05.7		888	1998 UF ₃₇	1999 01	09.08254	01 29 44.69	+09 37 22.4	19.8 V	691
1998 UW ₂₂	1998 11	15.91139	02 55 19.24	+19 07 33.0	16.9 V	112	1998 UF ₃₇	1999 01	09.10415	01 29 45.35	+09 37 26.3	19.6 V	691
1998 UW ₂₂	1998 11	15.93917	02 55 17.92	+19 06 49.9		112	1998 UF ₃₇	1999 01	09.12551	01 29 45.93	+09 37 30.0	19.7 V	691
1998 UW ₂₂	1998 11	15.99699	02 55 15.36	+19 05 16.4		112	1998 UF ₃₇	1999 01	15.15488	01 33 10.02	+09 58 26.7	19.5 V	691
1998 UC ₂₃	1998 11	15.90810	02 51 30.10	+25 10 27.2	16.5 V	112	1998 UF ₃₇	1999 01	15.17609	01 33 10.80	+09 58 31.2	19.7 V	691
1998 UC ₂₃	1998 11	15.93431	02 51 28.54	+25 10 15.9		112	1998 UF ₃₇	1999 01	15.19710	01 33 11.58	+09 58 36.4	19.5 V	691
1998 UC ₂₃	1998 11	15.99237	02 51 24.99	+25 09 50.9		112	1998 UF ₃₇	1999 01	19.11082	01 35 41.46	+10 13 44.2	19.9 V	691
1998 UC ₂₃	1999 01	08.18306	02 40 57.78	+20 24 26.8	18.3	704	1998 UF ₃₇	1999 01	19.13207	01 35 42.32	+10 13 49.5	19.9 V	691
1998 UC ₂₃	1999 01	08.19395	02 40 58.42	+20 24 27.4	18.3	704	1998 UF ₃₇	1999 01	19.15387	01 35 43.16	+10 13 54.5	19.9 V	691
1998 UC ₂₃	1999 01	08.21739	02 40 59.10	+20 24 25.7	18.4	704	1998 US ₃₇	1999 01	15.15555	01 34 07.82	+09 39 14.1	20.3 V	691
1998 UC ₂₃	1999 01	08.22915	02 40 59.70	+20 24 24.1	17.8	704	1998 US ₃₇	1999 01	15.17676	01 34 08.90	+09 39 23.0	20.5 V	691
1998 UO ₂₃	1999 01	06.18382	03 09 19.93	+18 02 43.0	17.6 R	699	1998 US ₃₇	1999 01	15.19778	01 34 09.86	+09 39 31.5	20.4 V	691
1998 UO ₂₃	1999 01	06.21030	03 09 20.32	+18 02 30.5		699	1998 US ₃₇	1999 01	19.11209	01 37 32.05	+10 06 47.1	20.6 V	691
1998 UO ₂₃	1999 01	06.23185	03 09 20.67	+18 02 19.3		699	1998 US ₃₇	1999 01	19.13335	01 37 33.17	+10 06 55.5	20.4 V	691
1998 UO ₂₃	1999 01	08.19049	03 09 58.57	+17 47 04.6	17.8	704	1998 US ₃₇	1999 01	19.15515	01 37 34.32	+10 07 05.2	20.6 V	691
1998 UO ₂₃	1999 01	08.21397	03 09 58.95	+17 46 54.3	17.8	704	1998 UD ₃₈	1999 01	13.09750	01 43 34.01	+10 09 52.4	19.5 V	691
1998 UO ₂₃	1999 01	08.22571	03 09 59.27	+17 46 46.7	18.0	704	1998 UD ₃₈	1999 01	13.12918	01 43 35.76	+10 10 09.8	19.6 V	691
1998 UO ₂₃	1999 01	08.23707	03 09 59.54	+17 46 41.3	18.0	704	1998 UD ₃₈	1999 01	13.16147	01 43 37.46	+10 10 26.7	19.6 V	691
1998 UO ₂₃	1999 01	11.18498	03 11 07.69	+17 25 24.5	17.7	704	1998 UP ₃₉	1999 01	11.13050	01 56 00.76	+05 55 01.5	17.9	704
1998 UO ₂₃	1999 01	11.19543	03 11 08.00	+17 25 20.8	17.7	704	1998 UP ₃₉	1999 01	11.14105	01 56 01.36	+05 55 04.2	17.9	704
1998 UO ₂₃	1999 01	11.20599	03 11 08.11	+17 25 14.1	17.7	704	1998 UP ₃₉	1999 01	11.15168	01 56 02.26	+05 55 06.7	18.7	704
1998 UO ₂₃	1999 01	11.21647	03 11 08.46	+17 25 09.4	18.8	704	1998 UP ₃₉	1999 01	11.16215	01 56 02.87	+05 55 11.0	18.9	704
1998 UT ₂₄	1999 01	13.84507	02 59 31.36	+17 05 42.1	17.9 V	910	1998 UJ ₄₁	1999 01	13.09480	01 39 40.11	+10 28 13.5	19.8 V	691
1998 UT ₂₄	1999 01	13.86820	02 59 31.48	+17 05 47.7	18.1 V	910	1998 UJ ₄₁	1999 01	13.12648	01 39 41.58	+10 28 31.2	20.4 V	691
1998 UT ₂₄	1999 01	13.89279	02 59 31.58	+17 05 53.3	17.9 V	910	1998 UJ ₄₁	1999 01	13.15877	01 39 43.11	+10 28 47.9	20.2 V	691
1998 UT ₂₄	1999 01	14.86022	02 59 37.82	+17 09 48.0	18.1 V	910	1998 UJ ₄₁	1999 01	14.08455	01 40 29.58	+10 37 15.1	20.3 V	691
1998 UT ₂₄	1999 01	14.88349	02 59 37.98	+17 09 53.5	18.2 V	910	1998 UJ ₄₁	1999 01	14.11606	01 40 31.17	+10 37 31.9	20.4 V	691
1998 UT ₂₄	1999 01	14.90661	02 59 38.11	+17 09 59.3	18.0 V	910	1998 UJ ₄₁	1999 01	14.14761	01 40 32.77	+10 37 49.7	20.5 V	691
1998 UT ₂₄	1999 01	19.76236	03 00 28.58	+17 30 22.7	18.5 V	910	1998 UF ₄₂	1999 01	13.09881	01 45 28.23	+10 26 45.8	19.8 V	691
1998 UT ₂₄	1999 01	19.78679	03 00 28.89	+17 30 28.8	18.5 V	910	1998 UF ₄₂	1999 01	13.13049	01 45 29.56	+10 26 54.6	19.8 V	691
1998 UT ₂₄	1999 01	19.81012	03 00 29.19	+17 30 35.2	18.5 V	910	1998 UF ₄₂	1999 01	13.16278	01 45 30.85	+10 27 03.0	20.1 V	691
1998 UV ₂₄	1999 01	10.48144	02 16 50.99	+13 50 21.6	18.4	327	1998 UF ₄₂	1999 01	18.12155	01 49 10.86	+10 51 11.3	20.0 V	691
1998 UV ₂₄	1999 01	10.49042	02 16 51.26	+13 50 23.1		327	1998 UF ₄₂	1999 01	18.16386	01 49 12.72	+10 51 24.2	20.0 V	691
1998 UV ₂₄	1999 01	10.49950	02 16 51.49	+13 50 24.6		327	1998 UR ₄₃	1998 12	17.84887	02 15 42.56	+10 46 54.6		950
1998 UV ₂₄	1999 01	11.42398	02 17 18.94	+13 53 27.0		327	1998 UR ₄₃	1998 12	17.88315	02 15 42.46	+10 46 54.2		950
1998 UV ₂₄	1999 01	11.46534	02 17 20.15	+13 53 35.6		327	1998 UR ₄₃	1998 12	18.82521	02 15 39.24	+10 46 45.1	21.9 R	950
1998 UV ₂₄	1999 01	11.48531	02 17 20.73	+13 53 38.9	18.4	327	1998 UR ₄₃	1998 12	18.87145	02 15 39.11	+10 46 44.8	20.6 R	950
1998 UZ ₂₄	1999 01	05.15105	04 03 39.99	+23 17 54.9	17.5 R	699	1998 US ₄₃	1998 12	17.95527	03 03 45.48	+16 15 35.9		950
1998 UZ ₂₄	1999 01	05.17144	04 03 39.54	+23 17 55.2		699	1998 US ₄₃	1998 12	18.00257	03 03 45.30	+16 15 35.6		950
1998 UZ ₂₄	1999 01	05.19308	04 03 39.13	+23 17 56.6		699	1998 US ₄₃	1998 12	18.03799	03 03 45.12	+16 15 34.0		950
1998 UZ ₂₆	1999 01	07.16417	02 36 09.72	+08 26 43.8	18.9 R	699	1998 UU ₄₃	1998 10	22.35003	02 17 47.55	+16 18 22.5		695
1998 UZ ₂₆	1999 01	07.17944	02 36 10.30	+08 26 47.6		699	1998 UU ₄₃	1998 10	22.48311	02 17 46.87	+16 18 18.5		695
1998 UZ ₂₆	1999 01	07.19475	02 36 11.05	+08 26 54.8		699	1998 UU ₄₃	1998 12	14.83617	02 13 35.14	+15 53 37.6	22.7 R	950
1998 UU ₂₈	1999 01	07.15142	02 39 33.87	+11 34 14.0	18.3 R	699	1998 UU ₄₃	1998 12	14.85345	02 13 35.07	+15 53 37.3		950
1998 UU ₂₈	1999 01	07.16671	02 39 34.04	+11 34 19.1		699	1998 VA	1999 01	06.01944	02 44 30.08	+28 54 29.7	16.1 R	761
1998 UU ₂₈	1999 01	07.18200	02 39 34.07	+11 34 24.0		699	1998 VA	1999 01	06.03646	02 44 30.11	+28 54 32.9	16.4 R	761
1998 UC ₃₁	1999 01	08.13318	02 18 43.84	+25 04 01.9	17.5	704	1998 VA	1999 01	06.05747	02 44 30.12	+28 54 36.7	16.5 R	761
1998 UC ₃₁	1999 01	08.14415	02 18 44.33	+25 04 01.7	17.5	704	1998 VA	1999 01	15.14726	02 47 25.71	+29 26 27.9	16.6 R	699
1998 UC ₃₁	1999 01	08.15590	02 18 44.80	+25 04 06.0	17.5	704	1998 VA	1999 01	15.16250	02 47 26.11	+29 26 31.4		699
1998 UC ₃₁	1999 01	08.16765	02 18 45.33	+25 04 06.0	17.5	704	1998 VA	1999 01	15.17775	02 47 26.57	+29 2		

1998 VW	1999 01	08.14362	02 11 46.38	+16 24 35.5	18.0	704	1998 VT ₅	1999 01	19.83819	03 59 23.45	+07 57 11.8	18.1	143
1998 VW	1999 01	08.15537	02 11 46.97	+16 24 41.2	18.0	704	1998 VT ₅	1999 01	20.82025	03 59 31.64	+07 53 43.1	17.7	143
1998 VW	1999 01	08.16715	02 11 47.52	+16 24 50.3	19.0	704	1998 VT ₅	1999 01	20.83674	03 59 31.72	+07 53 40.6	18.4	143
1998 VG ₁	1999 01	06.79482	02 34 21.72	+16 03 27.3	19.4 V	910	1998 VU ₅	1999 01	20.83046	02 39 17.53	+20 04 54.7	18.5 V	888
1998 VG ₁	1999 01	06.82075	02 34 22.66	+16 03 37.6	19.4 V	910	1998 VU ₅	1999 01	10.44197	02 39 17.79	+20 04 54.1		888
1998 VG ₁	1999 01	06.84540	02 34 23.53	+16 03 47.7	19.5 V	910	1998 VV ₅	1999 01	22.19944	04 26 44.27	+23 50 11.6	18.2	732
1998 VG ₁	1999 01	13.83112	02 39 23.50	+16 51 35.6	20.3 V	910	1998 VV ₅	1999 01	22.20406	04 26 44.24	+23 50 11.9	18.6	732
1998 VG ₁	1999 01	13.85425	02 39 24.60	+16 51 45.9	20.6 V	910	1998 VV ₅	1999 01	23.19679	04 26 42.54	+23 51 25.1	18.6	732
1998 VG ₁	1999 01	13.87886	02 39 25.72	+16 51 56.1	20.0 V	910	1998 VV ₅	1999 01	23.20138	04 26 42.53	+23 51 25.5	18.6	732
1998 VG ₁	1999 01	14.84676	02 40 13.04	+16 58 40.4	19.8 V	910	1998 VX ₅	1999 01	21.51134	03 19 48.53	+20 37 05.0	18.5 V	888
1998 VG ₁	1999 01	14.87004	02 40 14.16	+16 58 50.7	19.9 V	910	1998 VX ₅	1999 01	21.54473	03 19 49.27	+20 37 05.8		888
1998 VG ₁	1999 01	14.89317	02 40 15.27	+16 58 59.8	19.8 V	910	1998 VZ ₅	1999 01	09.21661	05 23 48.48	+26 10 15.4	18.3 R	734
1998 VG ₁	1999 01	19.75132	02 44 32.51	+17 33 22.0	20.1 V	910	1998 VZ ₅	1999 01	09.25256	05 23 46.54	+26 10 18.5	18.0 R	734
1998 VG ₁	1999 01	19.77576	02 44 33.80	+17 33 22.0	20.1 V	910	1998 VZ ₅	1999 01	15.09047	05 19 19.00	+26 18 47.5	18.7 V	682
1998 VG ₁	1999 01	19.79910	02 44 35.10	+17 33 32.2	20.0 V	910	1998 VZ ₅	1999 01	15.11601	05 19 17.92	+26 18 50.6	19.0 V	734
1998 VD ₂	1999 01	07.91271	02 54 52.80	+16 27 44.1	19.9 V	910	1998 VZ ₅	1999 01	15.12175	05 19 17.61	+26 18 51.5	19.0 V	734
1998 VD ₂	1999 01	07.93610	02 54 53.09	+16 27 45.0	19.5 V	910	1998 VZ ₅	1999 01	15.12982	05 19 17.30	+26 18 52.3	18.9 V	734
1998 VD ₂	1999 01	07.95952	02 54 53.45	+16 27 45.8	19.5 V	910	1998 VZ ₅	1999 01	15.13470	05 19 17.19	+26 18 52.2	18.7 V	682
1998 VG ₂	1998 07	04.36745	22 07 41.54	-17 22 17.2	17.5 R	699	1998 VZ ₅	1999 01	19.10032	05 16 54.36	+26 24 00.0	18.6 R	734
1998 VG ₂	1998 07	04.38235	22 07 41.92	-17 22 17.3		699	1998 VZ ₅	1999 01	19.11069	05 16 54.10	+26 24 01.2	18.9 R	734
1998 VG ₂	1998 07	04.39725	22 07 42.21	-17 22 17.7		699	1998 VZ ₅	1999 01	19.11578	05 16 54.00	+26 24 01.7	18.6 R	734
1998 VG ₂	1998 07	24.45699	22 08 45.61	-17 48 05.0	17.3 V	566	1998 VC ₆	1999 01	09.14873	03 24 17.17	+18 49 18.2	19.9 V	691
1998 VG ₂	1998 07	24.47777	22 08 45.18	-17 48 08.4	17.5 V	566	1998 VC ₆	1999 01	09.17114	03 24 17.83	+18 49 19.4	19.9 V	691
1998 VG ₂	1998 07	24.49935	22 08 44.71	-17 48 11.6	17.5 V	566	1998 VC ₆	1999 01	09.19309	03 24 18.44	+18 49 20.9	19.5 V	691
1998 VG ₂	1998 08	17.25689	21 53 45.92	-19 01 21.5	17.6	704	1998 VC ₆	1999 01	24.11164	03 35 36.06	+19 16 17.0	19.9 V	691
1998 VG ₂	1998 08	17.27776	21 53 44.75	-19 01 25.1		704	1998 VC ₆	1999 01	24.13402	03 35 37.33	+19 16 21.1	19.8 V	691
1998 VG ₂	1998 08	17.29888	21 53 43.55	-19 01 28.5		704	1998 VC ₆	1999 01	24.15665	03 35 38.68	+19 16 24.0	19.7 V	691
1998 VG ₂	1998 08	17.31977	21 53 42.40	-19 01 32.0	17.8	704	1998 VF ₆	1999 01	08.15530	02 28 05.43	+19 54 22.1	18.9 R	699
1998 VG ₂	1998 08	17.34081	21 53 41.34	-19 01 37.1	18.1	704	1998 VF ₆	1999 01	08.18073	02 28 05.91	+19 54 21.0		699
1998 VG ₂	1998 08	21.41870	21 50 09.10	-19 11 48.4	17.6 V	566	1998 VF ₆	1999 01	08.20616	02 28 06.36	+19 54 20.5		699
1998 VG ₂	1998 08	21.42937	21 50 08.49	-19 11 49.7	17.1 V	566	1998 VG ₆	1999 01	08.18210	02 40 30.49	+25 20 06.2	18.3	704
1998 VG ₂	1998 08	21.43978	21 50 07.92	-19 11 51.4	17.3 V	566	1998 VG ₆	1999 01	08.19283	02 40 31.15	+25 20 10.2	18.3	704
1998 VG ₂	1998 08	23.34040	21 48 28.54	-19 15 51.5	17.2	704	1998 VG ₆	1999 01	08.21631	02 40 32.31	+25 20 10.2	18.8	704
1998 VG ₂	1998 08	23.35235	21 48 27.88	-19 15 51.8	17.8	704	1998 VG ₆	1999 01	08.22815	02 40 32.77	+25 20 10.3	18.7	704
1998 VG ₂	1998 08	23.36474	21 48 27.21	-19 15 53.7	17.8	704	1998 VG ₆	1999 01	09.48529	02 41 43.51	+25 22 10.2	18 V	888
1998 VG ₂	1998 08	23.37730	21 48 26.62	-19 15 53.9	18.3	704	1998 VG ₆	1999 01	09.49465	02 41 44.01	+25 22 11.3		888
1998 VG ₂	1998 09	14.25883	21 33 51.20	-19 12 37.5	16.9 R	699	1998 VG ₆	1999 01	15.14852	02 47 35.47	+25 32 51.3	18.4 R	699
1998 VG ₂	1998 09	14.28365	21 33 50.59	-19 12 33.4		699	1998 VG ₆	1999 01	15.16377	02 47 36.39	+25 32 53.0		699
1998 VG ₂	1998 09	14.30845	21 33 49.98	-19 12 30.0		699	1998 VG ₆	1999 01	15.17903	02 47 37.42	+25 32 55.2		699
1998 VG ₂	1998 09	24.18469	21 32 17.22	-18 37 50.4	18.6 R	699	1998 VH ₆	1999 01	11.42654	02 26 21.33	+23 56 23.6	18.5 V	888
1998 VG ₂	1998 09	24.21449	21 32 17.12	-18 37 42.1		699	1998 VH ₆	1999 01	11.43748	02 26 21.70	+23 56 25.7		888
1998 VG ₂	1998 09	24.24429	21 32 17.21	-18 37 34.6		699	1998 VK ₆	1999 01	16.44078	02 42 06.50	+21 32 14.8	18.6 V	385
1998 VG ₂	1998 12	06.74381	22 59 49.11	-06 26 43.7	18.5 V	910	1998 VK ₆	1999 01	16.46504	02 42 07.73	+21 32 16.0		385
1998 VG ₂	1998 12	06.76717	22 59 51.74	-06 26 24.7	18.7 V	910	1998 VO ₆	1999 01	11.44676	02 42 39.72	+21 32 09.0	18 V	888
1998 VG ₂	1998 12	06.79051	22 59 54.34	-06 26 05.0	18.6 V	910	1998 VO ₆	1999 01	11.45653	02 42 39.97	+21 32 07.8		888
1998 VP ₂	1999 01	07.15524	02 57 35.09	+13 35 54.9	18.3 R	699	1998 VO ₆	1999 01	15.15869	02 44 34.39	+21 27 05.2	17.8 R	699
1998 VP ₂	1999 01	07.17053	02 57 35.71	+13 35 54.7		699	1998 VO ₆	1999 01	15.17395	02 44 34.89	+21 27 04.5		699
1998 VP ₂	1999 01	07.18583	02 57 36.21	+13 35 53.7		699	1998 VO ₆	1999 01	15.18920	02 44 35.41	+21 27 02.9		699
1998 VP ₂	1999 01	06.81237	02 59 41.99	+16 06 40.2	18.1 V	910	1998 VO ₆	1999 01	21.52653	03 20 40.82	+24 07 52.2	18.5 V I	888
1998 VP ₂	1999 01	06.83830	02 59 41.89	+16 06 38.5	18.0 V	910	1998 VR ₆	1999 01	21.53647	03 20 41.38	+24 07 52.1		888
1998 VP ₂	1999 01	06.86294	02 59 41.78	+16 06 36.7	18.2 V	910	1998 VR ₆	1999 01	07.20573	04 15 11.66	+14 36 50.0	19.2 R	699
1998 VX ₃	1998 11	24.21466	04 19 05.39	+19 32 43.3	17.6	704	1998 VR ₆	1999 01	07.23407	04 15 10.92	+14 36 50.1		699
1998 VX ₃	1998 11	24.26265	04 19 02.10	+19 32 52.9	18.1	704	1998 VR ₆	1999 01	07.25957	04 15 10.32	+14 36 50.6		699
1998 VX ₃	1998 11	24.31126	04 18 58.92	+19 33 01.5	18.5	704	1998 VT ₆	1999 01	05.16506	04 19 46.33	+18 57 58.1	17.7 R	699
1998 VX ₃	1998 11	24.35870	04 18 55.68	+19 33 11.3	18.3	704	1998 VT ₆	1999 01	05.18671	04 19 45.85	+18 57 58.6		699
1998 VX ₃	1998 12	08.25811	04 04 21.72	+20 15 06.6	18.2 R	699	1998 VT ₆	1999 01	05.20711	04 19 45.35	+18 58 03.1		699
1998 VX ₃	1998 12	08.28356	04 04 20.16	+20 15 11.8		699	1998 VU ₆	1998 12	15.31905	04 51 26.52	+19 12 23.5	17.7	704
1998 VX ₃	1998 12	08.30906	04 04 18.64	+20 15 16.2		699	1998 VU ₆	1998 12	15.33390	04 51 25.89	+19 12 23.5	17.6	704
1998 VX ₃	1998 12	17.18580	03 56 37.75	+20 42 58.3	18.2	704	1998 VU ₆	1998 12	15.34870	04 51 25.36	+19 12 24.0	17.6	704
1998 VX ₃	1998 12	17.20897	03 56 36.68	+20 43 02.1	18.2	704	1998 VU ₆	1998 12	15.36345	04 51 24.80	+19 12 23.6	17.6	704
1998 VX ₃	1998 12	17.23221	03 56 35.59	+20 43 06.7	18.4	704	1998 VU ₆	1998 12	22.07455	04 47 40.50	+19 12 33.6	18.0	704
1998 VX ₃	1998 12	17.25530	03 56 34.41	+20 43 10.5	18.4	704	1998 VU ₆	1998 12	22.09729	04 47 39.75	+19 12 32.9	17.7	704
1998 VX ₃	1998 12	17.27858	03 56 33.25	+20 43 12.6	18.9	704	1998 VU ₆	1998 12	22.11993	04 47 39.11	+19 12 32.4	17.4	704
1998 VB ₄	1999 01	06.78877	04 00 05.45	+18 08 13.9	18.5	120	1998 VU ₆	1998 12	22.14259	04 47 38.33	+19 12 32.6	17.4	704
1998 VD ₄	1998 11	20.02546	04 37 29.52	+18 35 14.8	18.6 V	910	1998 VV ₆	1998 12	21.45660	04 31 26.37	+19 59 11.9		411
1998 VD ₄	1998 11	20.05156	04 37 28.09	+18 35 10.9	18.3 V	910	1998 VV ₆	1998 12	21.46930	04 31 25.56	+19 59 09.5		411
1998 VD ₄	1998 11	20.07512	04 37 26.75	+18 35 06.6	18.2 V	910	1998 VF ₇	1999 01	11.12989	01 51 48.72	+07 35 21.1	17.9	704
1998 VU ₄	1999 01	07.19936	03 38 11.76	+14 19 43.9	17.2 R	699	1998 VF ₇						

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1998 VL ₉	1999 01	13.16725	01 51 57.82	+10 32 37.5	18.9 V	691	1998 VN ₂₈	1999 01	06.19275	02 48 55.45	+16 04 20.7	17.7 R	699
1998 VL ₉	1999 01	14.09310	01 52 50.22	+10 39 45.4	18.7 V	691	1998 VN ₂₈	1999 01	06.21920	02 48 55.89	+16 04 27.6		699
1998 VL ₉	1999 01	14.12461	01 52 51.97	+10 40 00.3	19.1 V	691	1998 VN ₂₈	1999 01	06.24073	02 48 56.23	+16 04 33.4		699
1998 VL ₉	1999 01	14.15617	01 52 53.73	+10 40 14.9	18.8 V	691	1998 VN ₂₈	1999 01	06.80504	02 49 07.16	+16 06 59.5	18.4 V	910
1998 VB ₁₃	1998 09	16.12861	02 44 11.96	+14 25 48.1	18.6 V	910	1998 VN ₂₈	1999 01	06.83097	02 49 07.63	+16 07 06.4	18.3 V	910
1998 VB ₁₃	1998 09	16.14438	02 44 12.15	+14 25 47.9	18.9 V	910	1998 VN ₂₈	1999 01	06.85562	02 49 08.06	+16 07 12.7	18.3 V	910
1998 VB ₁₃	1998 09	16.16110	02 44 12.37	+14 25 47.7	19.4 V	910	1998 VH ₂₉	1999 01	07.17846	02 56 49.74	+15 24 06.1	17.6	704
1998 VZ ₁₃	1999 01	08.14586	02 12 37.85	+15 06 45.1	18.1	704	1998 VH ₂₉	1999 01	07.19946	02 56 49.94	+15 24 15.0	17.6	704
1998 VZ ₁₃	1999 01	08.15759	02 12 38.62	+15 06 46.8	18.1	704	1998 VH ₂₉	1999 01	07.20991	02 56 50.03	+15 24 21.8	17.6	704
1998 VZ ₁₃	1999 01	08.16932	02 12 39.09	+15 06 47.8	18.4	704	1998 VH ₂₉	1999 01	07.22019	02 56 49.88	+15 24 26.3	17.6	704
1998 VZ ₁₃	1999 01	08.17998	02 12 39.78	+15 06 48.9	18.4	704	1998 VH ₂₉	1999 01	11.18255	02 57 51.33	+15 55 46.1	18.1	704
1998 VZ ₁₃	1999 01	11.13337	02 15 30.74	+15 10 55.7	18.0	704	1998 VH ₂₉	1999 01	11.19299	02 57 51.53	+15 55 50.6	18.1	704
1998 VZ ₁₃	1999 01	11.14396	02 15 31.40	+15 10 56.0	18.0	704	1998 VH ₂₉	1999 01	11.20352	02 57 51.65	+15 55 52.8	18.1	704
1998 VZ ₁₃	1999 01	11.16503	02 15 32.54	+15 10 58.0	18.3	704	1998 VH ₂₉	1999 01	11.22452	02 57 51.82	+15 56 04.0	19.0	704
1998 VZ ₁₃	1999 01	11.17554	02 15 33.06	+15 11 00.2	18.6	704	1998 VQ ₂₉	1999 01	06.18509	03 13 49.01	+20 07 08.6	16.7 R	699
1998 VZ ₁₃	1999 01	22.42505	02 28 17.55	+15 37 54.9		327	1998 VQ ₂₉	1999 01	06.21157	03 13 49.24	+20 07 01.3		699
1998 VZ ₁₃	1999 01	22.43318	02 28 18.15	+15 37 56.2	17.6	327	1998 VQ ₂₉	1999 01	06.23310	03 13 49.42	+20 06 55.3		699
1998 VZ ₁₃	1999 01	22.44126	02 28 18.79	+15 37 57.8		327	1998 VQ ₂₉	1999 01	24.10165	03 21 10.14	+19 10 18.2	17.5 V	691
1998 VZ ₁₃	1999 01	22.44935	02 28 19.37	+15 37 59.2		327	1998 VQ ₂₉	1999 01	24.14665	03 21 11.75	+19 10 12.9	17.5 V	691
1998 VZ ₁₃	1999 01	23.42174	02 29 33.20	+15 41 02.5	17.5	327	1998 VU ₂₉	1999 01	06.18509	03 16 49.86	+20 18 03.3	16.9 R	699
1998 VZ ₁₃	1999 01	23.42565	02 29 33.47	+15 41 02.9		327	1998 VU ₂₉	1999 01	06.21157	03 16 50.08	+20 17 56.7		699
1998 VZ ₁₃	1999 01	23.42958	02 29 33.83	+15 41 04.7		327	1998 VU ₂₉	1999 01	06.23310	03 16 50.29	+20 17 51.6		699
1998 VZ ₁₃	1999 01	23.43405	02 29 34.09	+15 41 05.1		327	1998 VU ₂₉	1999 01	24.10395	03 24 29.96	+19 29 44.1	17.4 V	691
1998 VL ₁₄	1999 01	08.13496	02 19 14.87	+13 48 56.6	19.1	704	1998 VU ₂₉	1999 01	24.12632	03 24 30.80	+19 29 41.5	17.4 V	691
1998 VL ₁₄	1999 01	08.14610	02 19 15.44	+13 48 58.1	18.4	704	1998 VU ₂₉	1999 01	24.14896	03 24 31.70	+19 29 40.1	17.4 V	691
1998 VL ₁₄	1999 01	08.15781	02 19 16.06	+13 48 56.3	18.4	704	1998 VV ₂₉	1999 01	15.15360	03 16 19.05	+20 31 30.2	18.5 R	699
1998 VL ₁₄	1999 01	08.16952	02 19 16.53	+13 48 58.5	18.4	704	1998 VV ₂₉	1999 01	15.16885	03 16 19.35	+20 31 29.0		699
1998 VL ₁₄	1999 01	08.18018	02 19 16.98	+13 48 57.0	18.7	704	1998 VV ₂₉	1999 01	15.18411	03 16 19.81	+20 31 26.6		699
1998 VL ₁₄	1999 01	11.13441	02 21 40.95	+13 48 57.5	18.7	704	1998 VJ ₃₀	1999 01	06.19786	03 11 20.02	+15 07 48.4		699
1998 VL ₁₄	1999 01	11.14500	02 21 41.38	+13 48 57.5	18.7	704	1998 VJ ₃₀	1999 01	06.22428	03 11 20.00	+15 07 56.2		699
1998 VL ₁₄	1999 01	11.15559	02 21 42.00	+13 48 57.3	18.7	704	1998 VJ ₃₀	1999 01	06.24583	03 11 19.97	+15 08 03.0		699
1998 VL ₁₄	1999 01	11.17658	02 21 43.01	+13 48 57.2	19.1	704	1998 VJ ₃₀	1999 01	06.18637	02 54 43.11	+17 56 39.9	17.8 R	699
1998 VP ₁₅	1999 01	13.11154	02 03 50.36	+10 33 00.2	20.0 V	691	1998 VX ₃₀	1999 01	06.21284	02 54 43.92	+17 56 30.2		699
1998 VP ₁₅	1999 01	13.14321	02 03 51.35	+10 33 06.1	19.8 V	691	1998 VX ₃₀	1999 01	06.23438	02 54 44.42	+17 56 23.7		699
1998 VP ₁₅	1999 01	13.17550	02 03 52.39	+10 33 10.2	20.3 V	691	1998 VZ ₃₀	1999 01	05.15105	04 00 29.58	+23 22 05.2	16.7 R	699
1998 VP ₁₅	1999 01	14.13261	02 04 24.81	+10 35 44.1	20.2 V	691	1998 VZ ₃₀	1999 01	05.17144	04 00 28.91	+23 22 09.0		699
1998 VP ₁₅	1999 01	14.16416	02 04 25.88	+10 35 49.4	20.4 V	691	1998 VZ ₃₀	1999 01	05.19308	04 00 28.20	+23 22 12.4		699
1998 VD ₁₆	1999 01	10.48144	02 16 54.04	+13 47 27.8		327	1998 VF ₃₁	1999 01	10.51104	03 32 25.09	+23 22 50.9	19.4 R F	422
1998 VD ₁₆	1999 01	10.49042	02 16 54.52	+13 47 32.7	18.8	327	1998 VF ₃₁	1999 01	10.51182	03 32 25.04	+23 22 50.7		422
1998 VD ₁₆	1999 01	10.49950	02 16 55.03	+13 47 36.6		327	1998 VF ₃₁	1999 01	22.49572	03 38 10.70	+22 48 59.3	19.7 R	428
1998 VD ₁₆	1999 01	14.45616	02 21 04.62	+14 24 55.0	19.0	327	1998 VF ₃₁	1999 01	22.51032	03 38 11.28	+22 48 54.4	19.8 R	428
1998 VD ₁₆	1999 01	14.47095	02 21 05.56	+14 25 03.0		327	1998 VF ₃₁	1999 01	23.15237	03 38 40.19	+22 45 51.7		711
1998 VD ₁₆	1999 01	14.48626	02 21 06.48	+14 25 12.2		327	1998 VF ₃₁	1999 01	23.16560	03 38 40.74	+22 45 47.6		711
1998 VH ₁₈	1999 01	19.83043	02 43 14.55	+18 00 20.5	18.9 V	910	1998 VG ₃₁	1999 01	10.46334	02 41 31.37	+22 27 05.1	19 V	888
1998 VH ₁₈	1999 01	19.85356	02 43 16.18	+18 00 23.2	18.9 V	910	1998 VG ₃₁	1999 01	10.47646	02 41 31.59	+22 27 05.6		888
1998 VH ₁₈	1999 01	19.87610	02 43 17.76	+18 00 24.7	18.5 V	910	1998 VG ₃₁	1999 01	18.41934	02 45 05.77	+22 32 04.0	19 V	888
1998 VO ₁₈	1999 01	08.15277	02 17 28.21	+20 31 06.8	18.0 R	699	1998 VG ₃₁	1999 01	18.43302	02 45 06.20	+22 32 03.2		888
1998 VO ₁₈	1999 01	08.17819	02 17 28.81	+20 31 07.6		699	1998 VK ₃₁	1998 12	15.33675	04 58 48.65	+20 36 10.5	17.6	704
1998 VO ₁₈	1999 01	08.20362	02 17 29.31	+20 31 08.0		699	1998 VK ₃₁	1998 12	15.35152	04 58 47.62	+20 36 06.1	17.8	704
1998 VD ₂₁	1999 01	11.13782	02 39 03.18	+11 57 51.0	18.1	704	1998 VK ₃₁	1998 12	15.36630	04 58 46.71	+20 36 03.7	17.8	704
1998 VD ₂₁	1999 01	11.14844	02 39 03.79	+11 57 52.3	17.9	704	1998 VK ₃₁	1998 12	22.07952	04 52 05.10	+20 07 47.1	18.2	704
1998 VD ₂₁	1999 01	11.15899	02 39 04.41	+11 57 52.2	17.9	704	1998 VK ₃₁	1998 12	22.10225	04 52 03.83	+20 07 44.3	19.4	704
1998 VD ₂₁	1999 01	11.16951	02 39 05.02	+11 57 52.1	18.9	704	1998 VK ₃₁	1998 12	22.14759	04 52 01.08	+20 07 31.6	18.4	704
1998 VD ₂₁	1999 01	14.07780	02 42 20.21	+12 03 06.2	18.6	704	1998 VK ₃₁	1998 12	22.17042	04 51 59.70	+20 07 24.5	18.8	704
1998 VD ₂₁	1999 01	14.10083	02 42 21.71	+12 03 08.3	19.9	704	1998 VL ₃₁	1999 01	11.23988	04 33 43.77	+26 41 08.1	18.1	704
1998 VD ₂₁	1999 01	14.12380	02 42 23.33	+12 03 10.3	19.7	704	1998 VL ₃₁	1999 01	11.25055	04 33 43.27	+26 41 08.3	18.0	704
1998 VD ₂₁	1999 01	14.17020	02 42 26.36	+12 03 17.6	19.0	704	1998 VL ₃₁	1999 01	11.26116	04 33 42.77	+26 41 12.9	18.0	704
1998 VH ₂₁	1999 01	06.09580	02 16 31.74	+17 40 08.6	19.0	725	1998 VL ₃₁	1999 01	11.27174	04 33 42.44	+26 41 13.1	18.0	704
1998 VH ₂₁	1999 01	06.12841	02 16 32.24	+17 40 10.1	18.9	725	1998 VL ₃₁	1999 01	11.28231	04 33 42.07	+26 41 17.5	18.0	704
1998 VH ₂₁	1999 01	10.09556	02 17 55.82	+17 46 45.9	18.6	725	1998 VO ₃₁	1999 01	08.20293	08 30 57.45	+20 08 21.4	17.8 V	691
1998 VH ₂₁	1999 01	10.17850	02 17 57.70	+17 46 54.9	18.7	725	1998 VO ₃₁	1999 01	08.22511	08 30 56.16	+20 08 18.3	17.7 V	691
1998 VC ₂₃	1999 01	06.80629	02 50 56.74	+15 52 15.9	20.4 V	910	1998 VO ₃₁	1999 01	08.24745	08 30 54.88	+20 08 15.1	17.9 V	691
1998 VC ₂₃	1999 01	06.83223	02 50 58.08	+15 52 20.3	20.4 V	910	1998 VO ₃₁	1999 01	16.38193	08 22 53.44	+19 48 20.1	17.7 V	691
1998 VC ₂₃	1999 01	06.85688	02 50 59.33	+15 52 23.7	20.3 V	910	1998 VO ₃₁	1999 01	16.40556	08 22 51.94	+19 48 16.4	17.8 V	691
1998 VN ₂₄	1999 01	07.14165	02 25 26.37	+12 59 13.1	17.0	704	1998 VO ₃₁	1999 01	16.42901	08 22 50.50	+19 48 13.1	17.8 V	691
1998 VN ₂₄	1999 01	07.15233	02 25 26.53	+12 59 19.8	16.7	704	1998 VO ₃₁	1999 01	19.38593	08 19 48.69	+19 40 48.1	17.6 V	691
1998 VN ₂₄	1999 01	07.16338	02 25 26.85	+12 59 26.6	16.2	704	1998 VO ₃₁	1999 01	19.40973	08 19 47.18	+19 40 4		

1998 VG ₃₂	1999 01	24.15353	03 31	08.35	+19 13	07.5	18.4	V	691	1998 VR ₃₆	1999 01	08.14906	01 33	33.25	+12 53	37.2	18.2	704
1998 VH ₃₂	1999 01	15.51237	04 12	31.40	+17 49	31.8	18.1	R	428	1998 VR ₃₆	1999 01	08.16076	01 33	33.88	+12 53	38.0	18.4	704
1998 VH ₃₂	1999 01	15.52153	04 12	31.63	+17 49	35.4	18.0	R	428	1998 VR ₃₆	1999 01	08.17221	01 33	34.58	+12 53	37.8	18.5	704
1998 VK ₃₂	1998 12	15.30520	04 47	55.91	+08 28	36.2	17.2		704	1998 VR ₃₆	1999 01	11.08232	01 36	20.80	+12 53	42.6	18.0	704
1998 VK ₃₂	1998 12	15.32002	04 47	54.98	+08 28	32.0	17.0		704	1998 VR ₃₆	1999 01	11.09340	01 36	21.42	+12 53	43.1	18.0	704
1998 VK ₃₂	1998 12	15.33487	04 47	54.09	+08 28	26.1	17.0		704	1998 VR ₃₆	1999 01	11.10447	01 36	22.01	+12 53	42.4	18.0	704
1998 VK ₃₂	1998 12	15.34966	04 47	53.25	+08 28	22.8	17.0		704	1998 VR ₃₆	1999 01	11.11560	01 36	22.69	+12 53	42.3	18.0	704
1998 VK ₃₂	1998 12	15.36441	04 47	52.32	+08 28	15.3	17.0		704	1998 VR ₃₆	1999 01	11.12626	01 36	23.31	+12 53	42.9	18.6	704
1998 VK ₃₂	1998 12	22.12340	04 41	54.50	+07 54	22.3	16.9		704	1998 VO ₃₈	1999 01	06.19148	02 41	19.06	+15 37	07.3	18.0	R
1998 VK ₃₂	1998 12	22.14607	04 41	53.37	+07 54	17.6	16.5		704	1998 VO ₃₈	1999 01	06.21793	02 41	19.58	+15 37	05.5		699
1998 VK ₃₂	1998 12	22.16875	04 41	52.16	+07 54	11.9	16.9		704	1998 VO ₃₈	1999 01	06.23947	02 41	19.91	+15 37	04.6		699
1998 VK ₃₂	1999 01	07.50659	04 32	19.69	+07 15	31.9	18.2	R	428	1998 VU ₄₁	1999 01	05.84686	07 49	22.02	+19 30	58.5	18.0	120
1998 VK ₃₂	1999 01	07.52024	04 32	19.35	+07 15	31.1	18.1	R	428	1998 VU ₄₁	1999 01	05.86690	07 49	20.63	+19 31	03.6		120
1998 VN ₃₂	1999 01	05.16124	03 56	07.75	+18 58	42.7	17.9	R	699	1998 VU ₄₁	1999 01	05.89038	07 49	19.09	+19 31	09.5		120
1998 VN ₃₂	1999 01	05.18288	03 56	07.37	+18 58	42.5			699	1998 VU ₄₁	1999 01	06.87395	07 48	14.71	+19 35	03.3	18.2	120
1998 VN ₃₂	1999 01	05.20329	03 56	06.97	+18 58	43.1			699	1998 VU ₄₁	1999 01	06.88459	07 48	14.02	+19 35	05.6		120
1998 VN ₃₂	1999 01	06.08902	03 55	52.08	+18 59	20.8	17.8	R	758	1998 VU ₄₁	1999 01	06.91079	07 48	12.19	+19 35	12.5		120
1998 VN ₃₂	1999 01	06.10240	03 55	51.86	+18 59	21.5	18.0	R	758	1998 VU ₄₁	1999 01	16.81233	07 36	59.04	+20 15	02.0		120
1998 VO ₃₂	1999 01	06.07167	03 25	08.54	+29 26	22.1	17.1	R	758	1998 VU ₄₁	1999 01	17.77824	07 35	53.01	+20 18	52.0	17.9	120
1998 VO ₃₂	1999 01	06.07664	03 25	08.48	+29 26	20.1	17.5	R	758	1998 VU ₄₁	1999 01	17.79822	07 35	51.50	+20 18	57.1		120
1998 VO ₃₂	1999 01	06.08258	03 25	08.42	+29 26	18.6	17.4	R	758	1998 VU ₄₁	1999 01	17.81921	07 35	50.05	+20 19	02.1		120
1998 VP ₃₂	1999 01	09.21051	03 42	00.25	-04 03	41.0	18.2	R	699	1998 VV ₄₁	1998 12	22.88870	08 04	00.48	+17 34	56.7	18.0	120
1998 VP ₃₂	1999 01	09.23091	03 42	00.13	-04 03	13.7			699	1998 VV ₄₁	1998 12	22.93132	08 03	58.16	+17 34	57.5		120
1998 VP ₃₂	1999 01	09.25135	03 41	59.89	-04 02	43.8			699	1998 VV ₄₁	1998 12	22.96755	08 03	56.54	+17 35	01.4		120
1998 VV ₃₂	1999 01	15.58021	09 59	45.87	+30 47	31.9	17.5		905	1998 VV ₄₁	1999 01	18.31037	07 35	56.22	+18 16	51.2	17.5	704
1998 VV ₃₂	1999 01	15.59925	09 59	45.38	+30 47	43.1			905	1998 VV ₄₁	1999 01	18.33240	07 35	54.60	+18 16	56.0	17.4	704
1998 VV ₃₂	1999 01	18.73554	09 58	05.28	+31 18	52.7	17	V	888	1998 VV ₄₁	1999 01	18.35606	07 35	52.86	+18 16	56.2	18.2	704
1998 VV ₃₂	1999 01	18.74242	09 58	05.04	+31 18	56.5			888	1998 VV ₄₁	1999 01	18.37821	07 35	51.29	+18 17	00.9	17.8	704
1998 VX ₃₂	1999 01	10.12363	03 13	41.56	+19 12	14.0	19.8		725	1998 VV ₄₁	1999 01	18.40025	07 35	49.52	+18 17	01.3	18.5	704
1998 VX ₃₂	1999 01	10.20990	03 13	42.44	+20 19	12.1	19.4		725	1998 VY ₄₁	1999 01	08.18728	08 08	21.16	+20 06	22.3	19.4	V
1998 VX ₃₂	1999 01	13.09587	03 14	24.30	+19 16	52.9	19.1		725	1998 VY ₄₁	1999 01	08.20946	08 08	19.90	+20 06	28.2	19.9	V
1998 VX ₃₂	1999 01	13.14229	03 14	24.96	+19 16	57.0			725	1998 VY ₄₁	1999 01	08.23180	08 08	18.65	+20 06	34.4	19.6	V
1998 VX ₃₂	1999 01	13.16693	03 14	25.29	+19 16	59.6	19.2		725	1998 VA ₄₄	1999 01	08.19191	08 15	02.69	+20 15	19.4	19.3	V
1998 VY ₃₂	1998 12	05.53084	03 25	50.16	+19 19	41.9			327	1998 VA ₄₄	1999 01	08.21409	08 15	01.46	+20 15	24.8	19.3	V
1998 VY ₃₂	1998 12	05.54416	03 25	49.21	+19 19	41.8	18.6		327	1998 VA ₄₄	1999 01	08.23643	08 15	00.21	+20 15	29.8	19.3	V
1998 VE ₃₃	1999 01	08.55802	04 41	47.95	+09 51	00.0	17.6	R	428	1998 VA ₄₄	1999 01	15.29069	08 08	19.51	+20 42	10.0	19.6	V
1998 VE ₃₃	1999 01	08.56685	04 41	47.58	+09 50	59.5	17.6	R	428	1998 VA ₄₄	1999 01	15.31292	08 08	18.16	+20 42	14.8	19.1	V
1998 VE ₃₃	1999 01	14.18693	04 39	09.41	+09 49	39.9	18.4	R	699	1998 VA ₄₄	1999 01	15.33523	08 08	16.83	+20 42	19.8	19.0	V
1998 VE ₃₃	1999 01	14.20479	04 39	08.98	+09 49	40.9			699	1998 VD ₄₄	1999 01	05.15105	03 59	56.94	+22 28	45.1	17.3	R
1998 VE ₃₃	1999 01	14.22262	04 39	08.49	+09 49	40.0			699	1998 VD ₄₄	1999 01	05.17144	03 59	56.59	+22 28	48.1		699
1998 VH ₃₃	1999 01	06.80954	02 55	36.72	+16 03	13.2	19.8	V	910	1998 VD ₄₄	1999 01	05.19308	03 59	56.11	+22 28	50.9		699
1998 VH ₃₃	1999 01	06.83546	02 55	37.06	+16 03	17.1	20.2	V	910	1998 VD ₄₄	1999 01	06.73249	03 59	33.11	+22 32	58.0	17.8	120
1998 VH ₃₃	1999 01	06.86011	02 55	37.38	+16 03	21.1	19.9	V	910	1998 VD ₄₄	1999 01	06.74931	03 59	32.85	+22 33	00.9		120
1998 VO ₃₃	1999 01	21.80108	02 37	53.81	+19 18	31.9	19.7		561	1998 VD ₄₄	1999 01	06.80366	03 59	32.03	+22 33	10.1		120
1998 VO ₃₃	1999 01	21.80511	02 37	54.01	+19 18	32.8			561	1998 WH	1999 01	18.72789	03 58	52.06	+20 50	28.2	18.8	V
1998 VO ₃₃	1999 01	21.80833	02 37	54.17	+19 18	33.9			561	1998 WH	1999 01	18.78634	03 58	51.69	+20 50	33.8		104
1998 VS ₃₃	1999 01	04.72784	03 35	58.74	+21 19	05.5			587	1998 WH	1999 01	19.75095	03 58	46.96	+20 52	01.1	18.8	V
1998 VS ₃₃	1999 01	04.74647	03 35	58.81	+21 18	49.8			587	1998 WH	1999 01	19.75691	03 58	46.92	+20 52	01.3		104
1998 VS ₃₃	1999 01	05.15616	03 36	00.06	+21 12	55.3	17.8	R	699	1998 WK	1999 01	05.15772	04 19	22.98	+20 25	56.6	19.0	R
1998 VS ₃₃	1999 01	05.19818	03 36	00.20	+21 12	20.3			699	1998 WK	1999 01	05.16602	04 19	22.81	+20 25	56.0		684
1998 VS ₃₃	1999 01	05.21132	03 36	00.27	+21 12	08.2			699	1998 WK	1999 01	06.20422	04 19	00.96	+20 24	24.0	18.8	R
1998 VS ₃₃	1999 01	15.83846	03 39	09.25	+18 58	29.3			587	1998 WK	1999 01	06.22897	04 19	00.41	+20 24	21.7		684
1998 VS ₃₃	1999 01	15.89861	03 39	10.90	+18 57	49.5			587	1998 WK	1999 01	07.17694	04 18	42.46	+20 23	02.4	18.8	R
1998 VS ₃₃	1999 01	15.91375	03 39	11.36	+18 57	38.6			587	1998 WK	1999 01	07.19685	04 18	42.07	+20 23	00.6		684
1998 VT ₃₃	1999 01	05.91204	07 41	43.81	+27 24	56.8			587	1998 WL	1999 01	06.18382	03 09	13.38	+19 24	08.0	18.8	R
1998 VT ₃₃	1999 01	05.93501	07 41	42.12	+27 24	56.4			587	1998 WL	1999 01	06.21030	03 09	15.01	+19 24	20.7		699
1998 VT ₃₃	1999 01	19.87253	07 25	20.78	+27 06	33.1			587	1998 WL	1999 01	06.23185	03 09	16.21	+19 24	33.1		699
1998 VT ₃₃	1999 01	19.91023	07 25	18.18	+27 06	28.0			587	1998 WL	1999 01	21.83269	03 28	23.76	+21 36	47.4	19.0	561
1998 VY ₃₃	1999 01	14.78911	03 43	11.32	+20 06	56.8			127	1998 WL	1999 01	21.83490	03 28	23.93	+21 36	48.5		561
1998 VY ₃₃	1999 01	14.81539	03 43	11.94	+20 06	57.4			127	1998 WL	1999 01	21.83674	03 28	24.07	+21 36	49.5		561
1998 VC ₃₄	1999 01	19.84038	02 57	37.39	+17 56	23.1	20.5	V	910	1998 WM	1998 12	07.09920	03 42	52.07	+49 26	33.4		104
1998 VC ₃₄	1999 01	19.86350	02 57	38.03	+17 56	24.8	20.6	V	910	1998 WM	1998 12	07.10029	03 42					

1998 WS	1999 01	17.81647	08 32 56.75	+79 23 39.4	14.1 R	057	1998 WF ₃	1999 01	11.47422	03 21 07.15	+13 53 48.0	19	V	888
1998 WS	1999 01	17.81775	08 32 57.05	+79 23 38.5		057	1998 WF ₃	1999 01	11.48641	03 21 07.26	+13 53 45.3			888
1998 WS	1999 01	17.81775	08 32 56.39	+79 23 38.0	13.9 R	057	1998 WF ₃	1999 01	11.49237	03 21 07.32	+13 53 43.9			888
1998 WS	1999 01	17.82063	08 32 55.97	+79 23 36.3		057	1998 WG ₃	1999 01	20.09171	06 08 48.81	+22 11 02.8	18.4		704
1998 WS	1999 01	17.82458	08 32 55.17	+79 23 34.1	14.2 R	057	1998 WG ₃	1999 01	20.13541	06 08 46.85	+22 10 58.8	19.3		704
1998 WS	1999 01	17.82545	08 32 54.85	+79 23 34.6		057	1998 WG ₃	1999 01	20.15778	06 08 45.87	+22 10 58.8	19.2		704
1998 WS	1999 01	17.82768	08 32 54.90	+79 23 32.8	14.4 R	057	1998 WG ₃	1999 01	20.17969	06 08 44.85	+22 10 59.0	19.2		704
1998 WS	1999 01	17.82972	08 32 54.14	+79 23 32.6		057	1998 WH ₃	1998 12	14.43967	06 41 05.22	+23 09 21.4	18.4		704
1998 WS	1999 01	17.83203	08 32 53.15	+79 23 32.4	14.2 R	057	1998 WH ₃	1998 12	14.46151	06 41 03.71	+23 09 14.9	18.4		704
1998 WS	1999 01	17.83279	08 32 53.31	+79 23 31.3		057	1998 WH ₃	1998 12	14.48344	06 41 02.41	+23 09 08.4	18.5		704
1998 WS	1999 01	17.83432	08 32 53.38	+79 23 28.6	14.2 R	057	1998 WH ₃	1998 12	14.50528	06 41 00.95	+23 08 59.6	18.4		704
1998 WS	1999 01	17.83501	08 32 53.01	+79 23 30.0		057	1998 WH ₃	1998 12	22.29853	06 32 44.66	+22 25 34.1	17.8		704
1998 WS	1999 01	18.73940	08 29 51.01	+79 14 43.1	14.1 V	628	1998 WH ₃	1998 12	22.32124	06 32 43.14	+22 25 26.5	18.9		704
1998 WS	1999 01	18.75398	08 29 48.04	+79 14 34.9	14.1 V	628	1998 WH ₃	1998 12	22.34420	06 32 41.40	+22 25 17.0	18.6		704
1998 WS	1999 01	18.77620	08 29 43.61	+79 14 22.3	14.0 V	628	1998 WH ₃	1998 12	22.36699	06 32 39.98	+22 25 09.2	19.0		704
1998 WS	1999 01	18.79148	08 29 40.55	+79 14 13.6	14.0 V	628	1998 WH ₃	1998 12	22.38977	06 32 38.35	+22 25 01.7	19.2		704
1998 WS	1999 01	20.54867	08 23 56.52	+78 55 13.8	14.2 V	355	1998 WH ₃	1999 01	18.09942	06 05 56.10	+19 57 11.7	18.3		704
1998 WS	1999 01	20.55010	08 23 56.23	+78 55 12.9		355	1998 WH ₃	1999 01	18.12140	06 05 54.96	+19 57 05.9	18.5		704
1998 WS	1999 01	20.55471	08 23 55.20	+78 55 09.6		355	1998 WH ₃	1999 01	18.14338	06 05 54.08	+19 56 58.6	18.5		704
1998 WS	1999 01	26.64397	08 06 45.42	+77 27 29.2	14.4 V	900	1998 WH ₃	1999 01	18.16570	06 05 52.94	+19 56 54.2	18.7		704
1998 WS	1999 01	26.65134	08 06 44.25	+77 27 21.6		900	1998 WH ₃	1999 01	20.09127	06 04 31.38	+19 47 23.5	18.1		704
1998 WS	1999 01	29.86137	07 59 50.59	+76 28 32.3	14.3 V	628	1998 WH ₃	1999 01	20.11316	06 04 30.58	+19 47 19.1	18.4		704
1998 WS	1999 01	29.87873	07 59 48.42	+76 28 12.1	14.3 V	628	1998 WH ₃	1999 01	20.13497	06 04 29.69	+19 47 11.0	18.4		704
1998 WS	1999 01	29.91414	07 59 43.92	+76 27 31.0	14.3 V	628	1998 WJ ₃	1999 01	14.13127	06 14 14.29	+26 36 49.8		I	716
1998 WY	1998 11	28.66545	04 56 47.15	+19 34 36.2	18.3	327	1998 WJ ₃	1999 01	14.16723	06 14 12.34	+26 37 04.3			716
1998 WY	1998 11	28.68109	04 56 46.15	+19 34 33.7		327	1998 WJ ₃	1999 01	16.19135	06 12 19.98	+26 48 13.6	17.2		704
1998 WY	1998 11	28.69690	04 56 45.13	+19 34 31.1		327	1998 WJ ₃	1999 01	16.21332	06 12 18.76	+26 48 19.4			704
1998 WY	1999 01	05.16633	04 23 03.19	+18 17 52.7	18.5 R	699	1998 WJ ₃	1999 01	16.23528	06 12 17.65	+26 48 27.5	17.8		704
1998 WY	1999 01	05.18799	04 23 02.44	+18 17 54.4		699	1998 WJ ₃	1999 01	16.25737	06 12 16.18	+26 48 34.5	17.8		704
1998 WY	1999 01	05.20839	04 23 01.91	+18 17 52.8		699	1998 WJ ₃	1999 01	16.27928	06 12 14.99	+26 48 41.4	19.0		704
1998 WC ₁	1999 01	07.23524	04 03 16.54	+00 37 25.4	17.0	704	1998 WJ ₃	1999 01	18.09520	06 10 39.18	+26 58 21.4	16.5		704
1998 WC ₁	1999 01	07.24561	04 03 16.49	+00 37 41.2		704	1998 WJ ₃	1999 01	18.11718	06 10 38.09	+26 58 28.9	17.3		704
1998 WC ₁	1999 01	07.26632	04 03 16.39	+00 38 09.2	17.5	704	1998 WJ ₃	1999 01	18.13916	06 10 36.83	+26 58 34.4	17.4		704
1998 WC ₁	1999 01	07.27660	04 03 16.33	+00 38 23.2	17.4	704	1998 WJ ₃	1999 01	18.16149	06 10 35.63	+26 58 42.0	17.0		704
1998 WC ₁	1999 01	09.19523	04 03 13.20	+01 22 17.7	15.9 R	699	1998 WJ ₃	1999 01	18.18345	06 10 34.49	+26 58 48.7	17.0		704
1998 WC ₁	1999 01	09.21561	04 03 13.18	+01 22 45.5		699	1998 WJ ₃	1999 01	18.19473	06 10 33.85	+26 58 53.5			704
1998 WC ₁	1999 01	09.23602	04 03 13.13	+01 23 13.6		699	1998 WJ ₃	1999 01	18.21672	06 10 32.71	+26 58 57.5	17.1		704
1998 WC ₁	1999 01	13.21100	04 03 32.76	+02 52 57.5	16.0 R	699	1998 WJ ₃	1999 01	18.23887	06 10 31.53	+26 59 08.3	17.3		704
1998 WC ₁	1999 01	13.23140	04 03 32.91	+02 53 25.0		699	1998 WJ ₃	1999 01	18.26158	06 10 30.33	+26 59 13.1			704
1998 WC ₁	1999 01	13.25179	04 03 33.03	+02 53 52.1		699	1998 WJ ₃	1999 01	18.28365	06 10 29.00	+26 59 20.1	18.5		704
1998 WD ₁	1998 11	13.44302	04 53 13.03	-06 16 09.8	18.0	704	1998 WJ ₃	1999 01	19.09715	06 09 48.02	+27 03 32.4	17.8		704
1998 WD ₁	1998 11	13.45286	04 53 12.73	-06 16 11.4	18.0	704	1998 WJ ₃	1999 01	19.11917	06 09 46.96	+27 03 40.9	17.8		704
1998 WD ₁	1998 11	13.46269	04 53 12.13	-06 16 11.3	18.0	704	1998 WJ ₃	1999 01	19.14112	06 09 45.85	+27 03 46.4	17.5		704
1998 WD ₁	1998 11	13.47240	04 53 11.52	-06 16 13.4	19.0	704	1998 WJ ₃	1999 01	19.16308	06 09 44.67	+27 03 54.2	17.4		704
1998 WD ₁	1998 12	19.07452	04 24 52.93	-04 59 37.1	17.4	704	1998 WJ ₃	1999 01	19.18504	06 09 43.60	+27 04 01.6	17.5		704
1998 WD ₁	1998 12	19.09747	04 24 51.86	-04 59 27.9	17.2	704	1998 WP ₃	1998 12	15.45246	06 49 28.03	+21 50 52.2	18.0		704
1998 WD ₁	1998 12	19.12029	04 24 50.79	-04 59 18.3	17.2	704	1998 WP ₃	1998 12	15.46719	06 49 27.27	+21 50 52.4	18.2		704
1998 WD ₁	1998 12	19.14305	04 24 49.84	-04 59 08.7	17.2	704	1998 WP ₃	1998 12	15.48198	06 49 26.40	+21 50 53.8	18.5		704
1998 WD ₁	1998 12	19.16582	04 24 48.82	-04 59 00.5		704	1998 WP ₃	1998 12	15.49673	06 49 25.80	+21 50 57.4	18.4		704
1998 WD ₁	1999 01	15.13691	04 13 13.62	-01 04 36.5		703	1998 WP ₃	1998 12	15.51151	06 49 25.01	+21 50 57.6	18.4		704
1998 WD ₁	1999 01	15.14632	04 13 13.49	-01 04 30.0		703	1998 WP ₃	1998 12	22.30404	06 43 30.13	+22 04 33.7	18.0		704
1998 WD ₁	1999 01	15.15204	04 13 13.53	-01 04 26.4	17.8 R	703	1998 WP ₃	1998 12	22.32688	06 43 28.81	+22 04 35.9	18.7		704
1998 WF ₁	1998 12	19.09008	04 11 50.58	-11 04 10.4	18.1	704	1998 WP ₃	1998 12	22.34969	06 43 27.51	+22 04 39.2	18.9		704
1998 WF ₁	1998 12	19.11302	04 11 49.31	-11 03 56.7	17.9	704	1998 WP ₃	1998 12	22.37249	06 43 26.21	+22 04 41.7	19.9		704
1998 WF ₁	1998 12	19.13578	04 11 47.92	-11 03 44.1	17.8	704	1998 WQ ₃	1999 01	18.10408	06 11 11.22	+19 04 06.8	18.0		704
1998 WF ₁	1998 12	19.15857	04 11 46.77	-11 03 29.6	17.1	704	1998 WQ ₃	1999 01	18.14814	06 11 08.89	+19 04 02.5	17.7		704
1998 WK ₁	1999 01	05.74443	01 29 09.51	+29 08 38.7	18.3 R	159	1998 WQ ₃	1999 01	18.17035	06 11 07.74	+19 03 58.1	18.0		704
1998 WK ₁	1999 01	05.74925	01 29 09.88	+29 08 38.5	18.3 R	159	1998 WQ ₃	1999 01	18.19230	06 11 06.47	+19 03 53.8	18.6		704
1998 WK ₁	1999 01	15.89741	01 38 52.14	+28 58 45.2	18.3 R	159	1998 WQ ₃	1999 01	20.09214	06 09 33.34	+18 59 15.8	17.6		704
1998 WK ₁	1999 01	15.90366	01 38 52.79	+28 58 43.0	18.4 R	159	1998 WQ ₃	1999 01	20.11403	06 09 32.38	+18 59 13.8	17.6		704
1998 WK ₁	1999 01	15.91819	01 38 53.67	+28 58 42.8	18.7 R	159	1998 WQ ₃	1999 01	20.13584	06 09 31.27	+18 59 09.4	17.9		704
1998 WK ₁	1999 01	15.92323	01 38 54.02	+28 58 43.3	18.6 R	159	1998 WQ ₃	1999 01	20.15822	06 09 30.13	+18 59 05.8	18.0		704
1998 WO ₁	1984 03	29.56957	12 28 05.69	-00 47 10.5	5	413	1998 WQ ₃	1999 01	20.18012	06 09 29.06	+18 59 03.0	18.1		704
1998 WO ₁	1984 03	29.61124	12 28 03.98	-00 46 59.5	5	413	1998 WT ₃	1999 01	06.27506	03 29 11.73	+24 35 13.8	16.7 R		699
1998 WO ₁	1998 12	15.32891	05 28 11.44	+19 39 00.7	18.6	704	1998 WT ₃	1999 01	06.29543	03 29 11.80	+24 35 18.3			699
1998 WO ₁	1998 12	15.34373	05 28 10.63	+19 39 00.8	19.3	704	1998 WT ₃	1999 01	06.31591	03 29 11.83	+24 35 22.8			699
1998 WO ₁	1998 12	15.37345	05 28 08.88	+19 39 01.1	17.8	704	1998 WX ₃	1999 01	06.18127	03 21 57.68	+18 42 25.9	16.9 R		699
1998 WO ₁	199													

1998 WD ₄	1998 12 22.12008	04 43 17.06	+17 25 26.5	16.8	704	1998 WQ ₆	1999 01 16.14900	05 18 25.21	+26 24 22.6	18.6	704
1998 WD ₄	1998 12 22.14274	04 43 15.85	+17 25 27.3	16.8	704	1998 WQ ₆	1999 01 16.17101	05 18 24.68	+26 24 18.6	18.7	704
1998 WD ₄	1998 12 22.16545	04 43 14.38	+17 25 26.8	17.5	704	1998 WS ₆	1999 01 17.16132	03 32 06.79	+18 25 40.2	20.1 V	691
1998 WH ₄	1998 10 27.04762	04 27 54.09	+19 45 30.7	17.4	V 910	1998 WS ₆	1999 01 17.18299	03 32 07.41	+18 25 43.1	20.1 V	691
1998 WH ₄	1998 10 27.07022	04 27 53.34	+19 45 30.9	17.4	V 910	1998 WS ₆	1999 01 17.20489	03 32 08.08	+18 25 46.0	20.3 V	691
1998 WH ₄	1998 10 27.09290	04 27 52.62	+19 45 30.8	17.8	V 910	1998 WX ₆	1999 01 16.19383	06 28 30.05	+31 15 47.7	18.1	704
1998 WH ₄	1998 12 04.59382	03 54 22.15	+19 21 40.1	16.7	327	1998 WX ₆	1999 01 16.21580	06 28 28.89	+31 15 54.0	18.6	704
1998 WH ₄	1998 12 04.60257	03 54 21.65	+19 21 39.9		327	1998 WX ₆	1999 01 16.23777	06 28 27.74	+31 15 55.8	19.1	704
1998 WH ₄	1998 12 04.61101	03 54 21.12	+19 21 38.8		327	1998 WX ₆	1999 01 16.25985	06 28 26.46	+31 16 03.2	18.8	704
1998 WH ₄	1998 12 25.47863	03 38 49.85	+19 13 18.8	17.5	327	1998 WX ₆	1999 01 19.09671	06 25 59.85	+31 24 45.3	16.9	704
1998 WH ₄	1998 12 25.49611	03 38 49.31	+19 13 19.5	17.6	327	1998 WX ₆	1999 01 19.11873	06 25 58.68	+31 24 49.5	16.9	704
1998 WH ₄	1998 12 25.50454	03 38 49.06	+19 13 19.3		327	1998 WX ₆	1999 01 19.14068	06 25 57.55	+31 24 53.3	16.9	704
1998 WH ₄	1998 12 25.52104	03 38 48.54	+19 13 19.9		327	1998 WX ₆	1999 01 19.16264	06 25 56.48	+31 24 57.6	16.9	704
1998 WH ₄	1998 12 25.52903	03 38 48.33	+19 13 19.6		327	1998 WX ₆	1999 01 19.18460	06 25 55.26	+31 24 59.4	17.7	704
1998 WH ₄	1998 12 25.54049	03 38 47.94	+19 13 20.0		327	1998 WZ ₆	1999 01 05.42176	01 07 37.49	+68 15 37.5	17.0 V	402
1998 WK ₄	1999 01 07.18793	04 41 31.35	+23 12 52.1	18.2 R	684	1998 WZ ₆	1999 01 05.42335	01 07 36.00	+68 15 37.9		402
1998 WK ₄	1999 01 07.20821	04 41 30.76	+23 12 52.2		684	1998 WZ ₆	1999 01 05.42494	01 07 34.63	+68 15 38.8		402
1998 WK ₄	1999 01 15.20086	04 39 13.32	+23 16 26.2	19.4 R	684	1998 WZ ₆	1999 01 05.73786	01 03 10.15	+68 16 59.8	16.6 R	151
1998 WK ₄	1999 01 15.21906	04 39 13.05	+23 16 27.2		684	1998 WZ ₆	1999 01 05.74231	01 03 06.11	+68 17 00.4	17.0 R	151
1998 WK ₄	1999 01 16.24036	04 39 04.80	+23 17 03.8		684	1998 WZ ₆	1999 01 06.74462	00 49 08.97	+68 18 39.6	16.6 R	046
1998 WK ₄	1999 01 16.25926	04 39 04.63	+23 17 06.1	19.4 R	684	1998 WZ ₆	1999 01 06.74587	00 49 07.94	+68 18 39.8		046
1998 WA ₅	1999 01 07.23703	04 23 30.24	+11 23 32.7	17.4	704	1998 WZ ₆	1999 01 06.74677	00 49 07.20	+68 18 39.5		046
1998 WA ₅	1999 01 07.24741	04 23 29.79	+11 23 47.8	17.8	704	1998 WZ ₆	1999 01 06.74779	00 49 06.30	+68 18 39.6		046
1998 WA ₅	1999 01 07.25779	04 23 29.07	+11 24 03.9	18.0	704	1998 WZ ₆	1999 01 06.76024	00 48 56.18	+68 18 39.5	17.0 R	151
1998 WA ₅	1999 01 07.27840	04 23 27.99	+11 24 33.5	18.3	704	1998 WZ ₆	1999 01 06.76560	00 48 51.72	+68 18 39.8	17.3 R	151
1998 WA ₅	1999 01 11.24063	04 20 26.17	+12 58 59.3	17.5	704	1998 WZ ₆	1999 01 06.76763	00 48 49.34	+68 18 38.7		S 118
1998 WA ₅	1999 01 11.25134	04 20 25.64	+12 59 13.6	17.9	704	1998 WZ ₆	1999 01 06.77064	00 48 46.77	+68 18 37.9		S 118
1998 WA ₅	1999 01 11.26191	04 20 25.28	+12 59 29.6	17.7	704	1998 WZ ₆	1999 01 06.77148	00 48 46.62	+68 18 39.4	17.2 R	151
1998 WA ₅	1999 01 11.27249	04 20 24.77	+12 59 44.7	17.6	704	1998 WZ ₆	1999 01 06.77517	00 48 43.60	+68 18 38.5	17.3 R	151
1998 WA ₅	1999 01 11.28307	04 20 24.30	+12 59 58.3	17.6	704	1998 WZ ₆	1999 01 06.80700	00 48 16.48	+68 18 35.1	16.9 R I	540
1998 WJ ₅	1998 12 19.18074	04 57 58.49	-06 56 23.2	17.9	704	1998 WZ ₆	1999 01 06.80891	00 48 14.87	+68 18 34.7		540
1998 WJ ₅	1998 12 19.20358	04 57 57.68	-06 56 19.7		704	1998 WZ ₆	1999 01 06.81071	00 48 13.38	+68 18 34.6		540
1998 WJ ₅	1998 12 19.22651	04 57 56.92	-06 56 17.0		704	1998 WZ ₆	1999 01 06.81260	00 48 11.75	+68 18 34.1		540
1998 WJ ₅	1998 12 19.24930	04 57 56.14	-06 56 14.1		704	1998 WZ ₆	1999 01 16.41472	23 01 04.34	+66 04 21.0	17.1 V	385
1998 WJ ₅	1998 12 19.27221	04 57 55.37	-06 56 10.7		704	1998 WZ ₆	1999 01 16.42124	23 01 01.06	+66 04 11.8		385
1998 WJ ₅	1999 01 14.24395	04 46 30.57	-05 17 55.3	17.2 R	699	1998 WZ ₆	1999 01 16.42411	23 00 59.49	+66 04 07.3		385
1998 WJ ₅	1999 01 14.25777	04 46 30.29	-05 17 51.9		699	1998 WZ ₆	1999 01 16.42699	23 00 58.10	+66 04 03.1		385
1998 WJ ₅	1999 01 14.27056	04 46 30.06	-05 17 46.8		699	1998 WZ ₆	1999 01 16.42986	23 00 56.41	+66 03 59.2		385
1998 WJ ₅	1999 01 15.15948	04 46 14.69	-05 13 08.8		703	1998 WZ ₆	1999 01 20.84213	22 27 26.50	+64 18 49.1		587
1998 WJ ₅	1999 01 15.17286	04 46 14.39	-05 13 04.3		703	1998 WZ ₆	1999 01 20.84595	22 27 24.98	+64 18 43.2		587
1998 WJ ₅	1999 01 15.18139	04 46 14.26	-05 13 02.4	17.3 R	703	1998 WZ ₆	1999 01 22.41522	22 17 17.20	+63 39 27.7	17.4 V	402
1998 WO ₅	1999 01 14.08558	01 54 18.13	+19 11 58.3	18.5 R	699	1998 WZ ₆	1999 01 22.41662	22 17 16.65	+63 39 25.5		402
1998 WO ₅	1999 01 14.10085	01 54 19.04	+19 12 00.0		699	1998 WZ ₆	1999 01 22.41801	22 17 16.17	+63 39 23.0		402
1998 WO ₅	1999 01 14.11612	01 54 19.87	+19 12 02.0		699	1998 WZ ₆	1999 01 27.85023	21 47 40.25	+61 18 38.5		587
1998 WP ₅	1999 01 05.42860	23 01 26.46	+75 43 56.5	18.8 V	402	1998 WZ ₆	1999 01 27.85440	21 47 39.16	+61 18 31.3		587
1998 WP ₅	1999 01 05.43019	23 01 26.20	+75 43 56.7		402	1998 WE ₇	1998 12 25.50916	03 42 59.80	+20 50 57.2	18.9	327
1998 WP ₅	1999 01 05.43177	23 01 25.84	+75 43 56.7		402	1998 WE ₇	1998 12 25.53286	03 42 58.73	+20 51 00.5		327
1998 WQ ₅	1998 12 07.09065	03 29 13.40	+53 17 35.8		104	1998 WE ₇	1998 12 25.54832	03 42 58.11	+20 51 01.9		327
1998 WQ ₅	1998 12 07.09178	03 29 13.18	+53 17 34.6		104	1998 WE ₇	1999 01 11.49053	03 34 57.34	+21 28 59.4	19 V	385
1998 WQ ₅	1998 12 07.09525	03 29 12.87	+53 17 30.4		104	1998 WE ₇	1999 01 11.50839	03 34 57.07	+21 29 03.5	19 V	888
1998 WQ ₅	1999 01 09.18031	02 56 18.70	+39 14 28.0	18.7	704	1998 WE ₇	1999 01 11.52394	03 34 56.69	+21 29 05.6		888
1998 WQ ₅	1999 01 09.19083	02 56 18.89	+39 14 09.9	18.4	704	1998 WF ₇	1999 01 11.47968	03 38 06.63	+20 11 52.3	19 V	385
1998 WQ ₅	1999 01 09.20144	02 56 18.85	+39 13 55.5	19.1	704	1998 WF ₇	1999 01 13.46595	03 37 51.56	+20 14 53.8	18.9 V	385
1998 WQ ₅	1999 01 09.21207	02 56 18.61	+39 13 38.4	18.9	704	1998 WF ₇	1999 01 13.52054	03 37 51.13	+20 14 59.8		385
1998 WQ ₅	1999 01 09.22265	02 56 18.52	+39 13 23.0	18.9	704	1998 WH ₇	1999 01 17.15325	03 20 28.01	+18 02 20.9	20.4 V	691
1998 WQ ₅	1999 01 17.75274	02 59 18.97	+35 44 13.7		118	1998 WH ₇	1999 01 17.17492	03 20 28.74	+18 02 20.8	20.4 V	691
1998 WQ ₅	1999 01 17.75582	02 59 19.02	+35 44 08.0		118	1998 WH ₇	1999 01 17.19683	03 20 29.49	+18 02 19.5	20.4 V	691
1998 WQ ₅	1999 01 21.73943	03 01 56.32	+34 13 57.6	18.0 R	046	1998 WH ₇	1999 01 23.09881	03 24 32.71	+18 01 36.1	19.9 V	691
1998 WQ ₅	1999 01 21.74102	03 01 56.40	+34 13 55.7		046	1998 WH ₇	1999 01 23.12102	03 24 33.71	+18 01 36.3	20.3 V	691
1998 WQ ₅	1999 01 21.74648	03 01 56.64	+34 13 48.6		046	1998 WH ₇	1999 01 23.14326	03 24 34.69	+18 01 36.4	20.0 V	691
1998 WQ ₅	1999 01 21.74763	03 01 56.70	+34 13 47.0		046	1998 WK ₇	1999 01 23.30015	08 20 25.34	-08 41 28.5	17.4	704
1998 WQ ₅	1999 01 22.48924	03 02 30.40	+33 57 35.5	18.4 V	360	1998 WK ₇	1999 01 23.32186	08 20 23.51	-08 41 48.5		704
1998 WQ ₅	1999 01 22.49167	03 02 30.53	+33 57 32.4		360	1998 WK ₇	1999 01 23.34389	08 20 21.55	-08 42 09.6	17.8	704
1998 WQ ₅	1999 01 22.49444	03 02 30.63	+33 57 28.7		360	1998 WK ₇	1999 01 23.36569	08 20 19.65	-08 42 29.3	17.8	704
1998 WV ₅	1999 01 08.15404	02 23 35.93	+18 46 54.4	18.5 R	699	1998 WK ₇	1999 01 23.38749	08 20 17.89	-08 42 49.0	17.9	704
1998 WV ₅	1999 01 08.17947	02 23 36.37	+18 46 49.2		699	1998 WN ₇	1999 01 24.09998	03 18 46.01	+19 05 37.6	18.6 V	691
1998 WV ₅	1999 01 08.20490	02 23 36.60	+18 46 46.7		699	1998 WN ₇	1999 01 24.12235	03 18 46.72	+19 05 43.8	18.8 V	691
1998 WV ₅	1999 01 13.41219	02 25 02.56	+18 33 58.4	18 V	888	1998 WN ₇	1999 01 24.14498	03 18 47.38	+19 05 53.1	19.0 V	691
1998 WV ₅	1999 01 13.42917	02 25 02.87	+18 33 56.3		888	1998 WO ₇	1999 01 09.23679	04 28 50.73	+58 28 46.0	18.8	704
1998 WV ₅	1999 01 22.42647	02 28 43.91	+18 19 25.3	18.5 V I	888	1998 WO ₇	1999 01 09.24730	04 28 48.76	+58 28 57.6	19.7	704
1998 WV ₅	1999 01 22.44143	02 28 44.32	+18 19 24.8		888	1998 WO ₇	1999 01 09.25805	04 28 46.79	+58 29 09.1	19.1	704
1998 WV ₅	1999 01 18.44584	02 46 37.72									

1998 WD ₈	1999 01	16.23748	06 28 33.75	+28 33 54.3	18.8	704	1998 WB ₁₀	1999 01	24.16280	03 44 31.04	+19 32 50.9	18.5 V	691
1998 WD ₈	1999 01	16.25956	06 28 32.62	+28 33 54.5	18.3	704	1998 WE ₁₀	1998 12	25.47863	03 37 13.12	+19 00 44.1	18.6	327
1998 WD ₈	1999 01	16.28147	06 28 31.38	+28 33 58.8	19.4	704	1998 WE ₁₀	1998 12	25.50454	03 37 12.61	+19 00 40.5		327
1998 WD ₈	1999 01	19.18957	06 25 59.29	+28 38 28.8	18.2	704	1998 WE ₁₀	1998 12	25.52903	03 37 12.11	+19 00 36.7		327
1998 WD ₈	1999 01	19.21185	06 25 58.15	+28 38 31.5	18.2	704	1998 WE ₁₂	1999 01	06.19913	03 17 59.64	+16 08 17.4		699
1998 WD ₈	1999 01	19.23411	06 25 57.12	+28 38 31.7	19.3	704	1998 WE ₁₂	1999 01	06.22557	03 17 59.40	+16 08 18.8		699
1998 WD ₈	1999 01	19.25635	06 25 55.76	+28 38 36.3	18.3	704	1998 WE ₁₂	1999 01	06.24712	03 17 59.30	+16 08 20.1		699
1998 WD ₈	1999 01	19.27852	06 25 54.64	+28 38 36.5	18.7	704	1998 WR ₁₂	1999 01	17.15216	03 18 53.26	+18 00 49.6	20.4 V	691
1998 WH ₈	1999 01	19.18972	06 27 16.82	+27 51 15.3	18.2	704	1998 WR ₁₂	1999 01	17.17383	03 18 54.12	+18 00 49.4	20.6 V	691
1998 WH ₈	1999 01	19.21200	06 27 15.49	+27 51 15.8	18.8	704	1998 WR ₁₂	1999 01	17.19574	03 18 54.96	+18 00 48.5	20.4 V	691
1998 WH ₈	1999 01	19.23426	06 27 14.48	+27 51 20.6	19.0	704	1998 WR ₁₂	1999 01	23.09806	03 23 28.28	+18 01 11.3	20.2 V	691
1998 WH ₈	1999 01	19.25650	06 27 13.15	+27 51 21.1	19.0	704	1998 WR ₁₂	1999 01	23.12028	03 23 29.28	+18 01 11.6	19.9 V	691
1998 WJ ₈	1998 10	29.39586	03 33 38.82	+04 39 35.0	15.8 R	699	1998 WR ₁₂	1999 01	23.14252	03 23 30.42	+18 01 12.7	20.1 V	691
1998 WJ ₈	1998 10	29.41390	03 33 37.91	+04 39 34.6		699	1998 WZ ₁₃	1999 01	17.15893	03 28 39.41	+18 16 36.4	19.2 V	691
1998 WJ ₈	1998 10	29.43130	03 33 37.06	+04 39 34.3		699	1998 WZ ₁₃	1999 01	17.18060	03 28 40.00	+18 16 35.9	18.9 V	691
1998 WJ ₈	1998 11	13.37966	03 20 32.40	+04 45 11.1	17.0	704	1998 WZ ₁₃	1999 01	17.20250	03 28 40.60	+18 16 34.9	19.0 V	691
1998 WJ ₈	1998 11	13.38942	03 20 31.82	+04 45 12.0		704	1998 WZ ₁₃	1999 01	23.10395	03 31 58.52	+18 14 51.1	18.9 V	691
1998 WJ ₈	1998 11	13.39928	03 20 31.28	+04 45 12.3	17.3	704	1998 WZ ₁₃	1999 01	23.12616	03 31 59.36	+18 14 51.0	18.8 V	691
1998 WJ ₈	1998 11	13.40898	03 20 30.72	+04 45 13.5	17.6	704	1998 WZ ₁₃	1999 01	23.14840	03 32 00.17	+18 14 51.1	18.7 V	691
1998 WJ ₈	1998 11	13.41870	03 20 30.17	+04 45 14.9	17.6	704	1998 WA ₁₄	1999 01	24.10595	03 27 22.86	+19 24 36.5	18.9 V	691
1998 WJ ₈	1999 01	07.16163	02 50 33.21	+08 26 28.3	17.3 R	699	1998 WA ₁₄	1999 01	24.12832	03 27 23.99	+19 24 41.1	18.9 V	691
1998 WJ ₈	1999 01	07.17690	02 50 33.19	+08 26 34.2		699	1998 WA ₁₄	1999 01	24.15096	03 27 25.14	+19 24 44.5	18.9 V	691
1998 WJ ₈	1999 01	07.19221	02 50 33.22	+08 26 40.3		699	1998 WJ ₁₄	1999 01	23.09985	03 26 03.26	+18 00 57.5	19.8 V	691
1998 WJ ₈	1999 01	11.18211	02 50 49.02	+08 53 02.0	18.3	704	1998 WJ ₁₄	1999 01	23.14429	03 26 04.39	+18 01 01.2	19.4 V	691
1998 WJ ₈	1999 01	11.19257	02 50 49.03	+08 53 06.6	18.3	704	1998 WK ₁₄	1999 01	24.10159	03 21 05.00	+19 10 20.9	20.3 V	691
1998 WJ ₈	1999 01	11.20309	02 50 49.18	+08 53 08.8	18.3	704	1998 WK ₁₄	1999 01	24.12395	03 21 05.63	+19 10 24.1	20.2 V	691
1998 WJ ₈	1999 01	13.44910	02 51 07.45	+09 08 28.5	18.2 R	428	1998 WK ₁₄	1999 01	24.14658	03 21 06.23	+19 10 30.7	19.9 V	691
1998 WJ ₈	1999 01	13.47360	02 51 07.67	+09 08 38.6	18.3 R	428	1998 WV ₁₄	1999 01	07.13767	03 23 31.73	+18 23 06.3	19.0 V	691
1998 WO ₈	1999 01	06.81741	05 58 45.70	+25 29 09.0	19.0 R	621	1998 WV ₁₄	1999 01	07.15980	03 23 32.11	+18 23 12.3	19.1 V	691
1998 WO ₈	1999 01	06.82109	05 58 45.47	+25 29 09.5	19.0 R	621	1998 WV ₁₄	1999 01	07.18253	03 23 32.50	+18 23 18.4	19.1 V	691
1998 WO ₈	1999 01	06.82477	05 58 45.28	+25 29 10.1	19.0 R	621	1998 WD ₁₅	1997 07	16.06826	21 54 45.47	-13 06 45.8	20.5 V	910
1998 WO ₈	1999 01	10.97773	05 55 03.44	+25 34 41.9	19.5 R	621	1998 WD ₁₅	1997 07	16.08420	21 54 45.01	-13 06 49.2	20.2 V	910
1998 WO ₈	1999 01	10.98142	05 55 03.30	+25 34 42.4	19.1 R	621	1998 WD ₁₅	1997 07	16.10086	21 54 44.54	-13 06 52.7	20.3 V	910
1998 WO ₈	1999 01	10.98510	05 55 03.13	+25 34 42.3	19.5 R	621	1998 WP ₁₅	1999 01	06.19913	03 17 47.44	+15 01 12.3	18.3 R	699
1998 WO ₈	1999 01	10.99392	05 55 02.69	+25 34 43.1	18.9 R	621	1998 WP ₁₅	1999 01	06.22557	03 17 47.13	+15 01 19.1		699
1998 WO ₈	1999 01	20.77293	05 48 29.81	+25 44 14.5	20.1 R	621	1998 WP ₁₅	1999 01	06.24712	03 17 46.80	+15 01 25.7		699
1998 WO ₈	1999 01	20.77661	05 48 29.71	+25 44 14.7	19.5 R	621	1998 WQ ₁₅	1998 11	16.47161	03 46 53.45	+10 23 31.7	17.3 V	566
1998 WO ₈	1999 01	20.78030	05 48 29.60	+25 44 14.0	19.5 R	621	1998 WQ ₁₅	1998 11	16.48205	03 46 52.83	+10 23 37.9	17.2 V	566
1998 WO ₈	1999 01	20.78398	05 48 29.45	+25 44 14.7	19.5 R	621	1998 WQ ₁₅	1998 11	16.49258	03 46 52.24	+10 23 44.0	17.1 V	566
1998 WO ₈	1999 01	20.78766	05 48 29.34	+25 44 15.6	19.5 R	621	1998 WQ ₁₅	1998 11	23.29914	03 40 53.70	+11 34 38.9	16.5 R	699
1998 WO ₈	1999 01	20.90581	05 48 25.60	+25 44 20.9	19.5 R	621	1998 WQ ₁₅	1998 11	23.32461	03 40 52.28	+11 34 55.1		699
1998 WQ ₈	1999 01	06.18256	03 29 16.66	+18 29 08.5	18.6 R	699	1998 WQ ₁₅	1998 11	23.35005	03 40 50.84	+11 35 12.3		699
1998 WQ ₈	1999 01	06.20833	03 29 16.48	+18 29 14.3		699	1998 WQ ₁₅	1998 12	08.26829	03 29 51.28	+14 29 25.4	17.6 R	699
1998 WQ ₈	1999 01	06.23057	03 29 16.35	+18 29 18.1		699	1998 WQ ₁₅	1998 12	08.29376	03 29 50.29	+14 29 45.2		699
1998 WQ ₈	1999 01	09.15218	03 29 16.28	+18 38 57.2	17.0 V	691	1998 WQ ₁₅	1998 12	08.31927	03 29 49.52	+14 30 02.2		699
1998 WQ ₈	1999 01	09.17459	03 29 16.48	+18 38 59.3	17.7 V	691	1998 WQ ₁₅	1998 12	15.82826	03 26 48.92	+16 01 47.4	17.8 V	910
1998 WQ ₈	1999 01	09.19653	03 29 16.51	+18 39 02.1	18.1 V	691	1998 WQ ₁₅	1998 12	15.85099	03 26 48.49	+16 02 04.3	17.7 V	910
1998 WR ₈	1999 01	21.75032	02 48 17.25	+43 37 56.3	19	561	1998 WQ ₁₅	1998 12	15.87432	03 26 48.04	+16 02 21.4	17.7 V	910
1998 WR ₈	1999 01	21.75728	02 48 17.42	+43 37 56.3		561	1998 WQ ₁₅	1998 12	23.12120	03 26 03.54	+17 30 39.6	17.7 V	691
1998 WR ₈	1999 01	21.75587	02 48 17.59	+43 37 55.9		561	1998 WQ ₁₅	1998 12	23.14268	03 26 03.54	+17 30 55.1	17.7 V	691
1998 WS ₈	1999 01	21.84015	03 39 10.02	+25 06 03.2	19.2	561	1998 WQ ₁₅	1998 12	23.16427	03 26 03.43	+17 31 12.0	17.3 V	691
1998 WS ₈	1999 01	21.84300	03 39 10.07	+25 06 02.7		561	1998 WQ ₁₅	1999 01	08.24937	03 32 22.34	+20 39 11.6		684
1998 WS ₈	1999 01	21.84556	03 39 10.10	+25 06 02.0		561	1998 WQ ₁₅	1999 01	08.27714	03 32 23.71	+20 39 31.7		684
1998 WS ₈	1999 01	22.82578	03 39 25.05	+25 02 08.0		561	1998 WQ ₁₅	1999 01	09.25135	03 33 06.70	+20 50 21.7	18.2 R	684
1998 WS ₈	1999 01	22.82840	03 39 25.05	+25 02 07.4		561	1998 WQ ₁₅	1999 01	09.25528	03 33 06.87	+20 50 24.0	18.0 R	684
1998 WS ₈	1999 01	22.83102	03 39 25.11	+25 02 06.5	18.8	561	1998 WL ₁₆	1998 11	25.29263	03 55 05.34	+17 45 10.7	18.1 R	699
1998 WV ₈	1998 12	13.65580	03 50 11.77	+20 07 00.6	18.8	327	1998 WL ₁₆	1998 11	25.31808	03 55 03.84	+17 45 13.4		699
1998 WV ₈	1998 12	13.65943	03 50 11.56	+20 07 00.4		327	1998 WL ₁₆	1998 11	25.34359	03 55 02.32	+17 45 15.3		699
1998 WV ₈	1998 12	13.66307	03 50 11.39	+20 06 59.8		327	1998 WL ₁₆	1999 01	10.09173	03 27 19.71	+19 26 11.2	19.0 V	691
1998 WV ₈	1998 12	25.50037	03 41 54.66	+19 51 11.7		327	1998 WL ₁₆	1999 01	10.12456	03 27 19.55	+19 26 18.2	19.1 V	691
1998 WV ₈	1998 12	25.52510	03 41 53.82	+19 51 10.2	19.3	327	1998 WL ₁₆	1999 01	10.15825	03 27 19.40	+19 26 24.6	19.0 V	691
1998 WV ₈	1998 12	25.54450	03 41 53.17	+19 51 09.5		327	1998 WM ₁₆	1998 10	27.04240	04 20 25.98	+19 24 52.7	18.9 V	910
1998 WE ₉	1998 11	28.85882	08 56 03.14	+20 07 47.6		327	1998 WM ₁₆	1998 10	27.06500	04 20 25.26	+19 24 48.1	18.7 V	910
1998 WE ₉	1998 11	28.87516	08 56 03.28	+20 07 50.2	18.2	327	1998 WM ₁₆	1998 10	27.08768	04 20 24.53	+19 24 44.1	18.7 V	910
1998 WE ₉	1998 11	28.88927	08 56 03.42	+20 07 52.6		327	1998 WC ₁₇	1999 01	23.10437	03 32 34.55	+18 13 17.5	19.5 V	691
1998 WE ₉	1999 01	16.88552	08 36 49.84	+24 17 24.3	17.9	120	1998 WC ₁₇	1999 01	23.12657	03 32 34.95	+18 13 20.6	19.6 V	691
1998 WE ₉	1999 01	16.90043	08 36 49.04	+24 17 30.2		120	1998 WC ₁₇	1999 01	23.14881	03 32 35.34	+18 13 23.2	19.1 V	691
1998													

1998 WR ₁₉	1999 01	27.95714	08 59 13.06	+12 44 24.1		120	1998 WZ ₃₀	1999 01	16.16576	06 21 22.15	+35 11 06.3	18.2	704
1998 WY ₁₉	1999 01	11.48441	03 25 05.48	+05 08 09.8	18.6 R	426	1998 WZ ₃₀	1999 01	16.18783	06 21 20.78	+35 11 00.3		704
1998 WY ₁₉	1999 01	11.50874	03 25 05.70	+05 08 24.5	18.5 R	426	1998 WZ ₃₀	1999 01	19.09132	06 18 30.12	+34 57 32.9	17.1	704
1998 WY ₁₉	1999 01	14.50940	03 25 41.80	+05 40 08.3	18.5 R	426	1998 WZ ₃₀	1999 01	19.11328	06 18 28.92	+34 57 27.3	17.7	704
1998 WY ₁₉	1999 01	14.52148	03 25 41.94	+05 40 16.0	19.0 R	426	1998 WZ ₃₀	1999 01	19.15724	06 18 26.30	+34 57 14.2	17.0	704
1998 WY ₁₉	1999 01	14.53347	03 25 42.03	+05 40 23.7	19.0 R	426	1998 WZ ₃₀	1999 01	19.17920	06 18 25.10	+34 57 07.7	17.0	704
1998 WA ₂₀	1999 01	09.58086	05 30 23.88	+19 21 51.1	16.6 R	426	1998 WA ₃₁	1998 12	17.83243	02 12 16.71	+16 16 23.3		950
1998 WA ₂₀	1999 01	09.58727	05 30 23.54	+19 21 52.1	16.5 R	426	1998 WA ₃₁	1998 12	17.86950	02 12 16.68	+16 16 21.8		950
1998 WA ₂₀	1999 01	09.59370	05 30 23.28	+19 21 53.0	16.6 R	426	1998 WA ₃₁	1998 12	17.90432	02 12 16.56	+16 16 20.2		950
1998 WA ₂₀	1999 01	11.52487	05 29 01.82	+19 27 53.9	17.1 R	426	1998 WR ₃₁	1998 11	16.40024	05 40 00.53	+37 21 17.5	17.8	704
1998 WA ₂₀	1999 01	11.53135	05 29 01.53	+19 27 54.7	17.1 R	426	1998 WR ₃₁	1998 11	16.42124	05 39 59.71	+37 21 21.3	18.4	704
1998 WA ₂₀	1999 01	11.53779	05 29 01.26	+19 27 56.0	17.1 R	426	1998 WR ₃₁	1998 11	16.44213	05 39 58.88	+37 21 21.8	18.4	704
1998 WZ ₂₀	1999 01	06.18382	03 09 57.62	+19 56 18.4	18.0 R	699	1998 WR ₃₁	1998 11	16.46307	05 39 57.97	+37 21 23.2	18.7	704
1998 WZ ₂₀	1999 01	06.21030	03 09 58.36	+19 56 18.3		699	1998 WR ₃₁	1998 11	16.48404	05 39 57.04	+37 21 29.8	19.4	704
1998 WZ ₂₀	1999 01	06.23185	03 09 58.95	+19 56 17.8		699	1998 WR ₃₁	1998 12	14.23613	05 10 06.84	+36 45 23.6	17.6	704
1998 WR ₂₁	1999 01	06.18509	03 16 16.70	+18 24 53.7	16.9 R	699	1998 WR ₃₁	1998 12	14.25805	05 10 05.13	+36 45 16.9		704
1998 WR ₂₁	1999 01	06.21157	03 16 16.50	+18 24 49.9		699	1998 WR ₃₁	1998 12	14.28017	05 10 03.44	+36 45 08.3	18.2	704
1998 WR ₂₁	1999 01	06.23310	03 16 16.35	+18 24 47.2		699	1998 WR ₃₁	1998 12	14.32403	05 09 59.92	+36 44 55.4	17.8	704
1998 WO ₂₂	1999 01	23.16163	03 18 20.02	+18 47 54.1	18.9 V	691	1998 WR ₃₁	1998 12	31.17675	04 52 41.36	+34 49 08.6	17.2	292
1998 WO ₂₂	1999 01	23.18396	03 18 20.51	+18 47 57.8	18.9 V	691	1998 WR ₃₁	1998 12	31.19064	04 52 40.77	+34 49 02.3	17.1	292
1998 WO ₂₂	1999 01	23.20631	03 18 21.02	+18 48 01.6	18.9 V	691	1998 WS ₃₁	* 1998 11	18.09812	02 17 37.85	+16 33 43.0	22.5 R	695
1998 WV ₂₂	1999 01	09.14842	03 23 50.28	+18 55 06.2	20.2 V	691	1998 WS ₃₁	1998 11	18.16698	02 17 37.44	+16 33 41.4		695
1998 WV ₂₂	1999 01	09.17082	03 23 50.19	+18 55 09.9	20.6 V	691	1998 WS ₃₁	1998 11	18.24713	02 17 36.96	+16 33 39.1		695
1998 WV ₂₂	1999 01	09.19276	03 23 50.07	+18 55 13.2	19.9 V	691	1998 WS ₃₁	1998 12	17.84201	02 15 13.98	+16 21 24.9	23.1 R	950
1998 WV ₂₂	1999 01	17.16040	03 30 47.37	+18 04 12.1	20.3 V	691	1998 WS ₃₁	1998 12	17.87639	02 15 13.85	+16 21 24.2		950
1998 WV ₂₂	1999 01	17.18207	03 30 47.72	+18 04 15.5	19.8 V	691	1998 WS ₃₁	1998 12	17.91186	02 15 13.72	+16 21 23.7		950
1998 WV ₂₂	1999 01	17.20397	03 30 48.10	+18 04 18.5	19.9 V	691	1998 WT ₃₁	* 1998 11	18.11955	02 43 38.73	+17 19 52.0	22.6 R	695
1998 WV ₂₂	1999 01	23.10469	03 33 02.34	+18 19 52.5	20.0 V	691	1998 WT ₃₁	1998 11	18.18843	02 43 38.36	+17 19 50.7		695
1998 WV ₂₂	1999 01	23.12690	03 33 02.95	+18 19 56.6	19.9 V	691	1998 WT ₃₁	1998 11	18.27206	02 43 37.91	+17 19 49.2		695
1998 WV ₂₂	1999 01	23.14913	03 33 03.51	+18 20 01.1	19.6 V	691	1998 WT ₃₁	1998 12	17.93517	02 41 18.13	+17 12 39.5	22.9 R	950
1998 WV ₂₃	1999 01	15.70405	10 51 32.71	+18 24 54.6	17	411	1998 WT ₃₁	1998 12	17.97547	02 41 17.97	+17 12 39.3		950
1998 WV ₂₃	1999 01	15.72299	10 51 32.36	+18 24 55.5		411	1998 WT ₃₁	1998 12	18.01794	02 41 17.78	+17 12 38.4		950
1998 WZ ₂₃	1999 01	18.75265	11 03 21.99	+14 58 15.7	16.0	327	1998 WU ₃₁	* 1998 11	18.14057	03 07 05.71	+18 27 14.7	23.0 R	695
1998 WZ ₂₃	1999 01	18.77336	11 03 21.54	+14 58 19.7		327	1998 WU ₃₁	1998 11	18.20979	03 07 05.27	+18 27 13.0		695
1998 WZ ₂₃	1999 01	18.79399	11 03 21.11	+14 58 23.3		327	1998 WU ₃₁	1998 11	18.39543	03 07 04.13	+18 27 08.1		695
1998 WZ ₂₃	1999 01	24.87111	11 00 46.97	+15 19 02.9		327	1998 WU ₃₁	1998 12	18.00434	03 04 20.44	+18 14 29.6	23.2 R	950
1998 WZ ₂₃	1999 01	24.87910	11 00 46.72	+15 19 04.6	15.7	327	1998 WU ₃₁	1998 12	18.04473	03 04 20.21	+18 14 28.7		950
1998 WZ ₂₃	1999 01	24.88713	11 00 46.46	+15 19 06.4		327	1998 WV ₃₁	* 1998 11	19.09014	02 29 45.19	+12 45 25.3	22.3 R	695
1998 WC ₂₄	1999 01	18.75265	11 04 19.16	+14 47 24.7		327	1998 WV ₃₁	1998 11	19.17149	02 29 44.73	+12 45 23.3		695
1998 WC ₂₄	1999 01	18.77336	11 04 18.76	+14 47 24.1		327	1998 WV ₃₁	1998 11	19.24648	02 29 44.29	+12 45 21.6		695
1998 WC ₂₄	1999 01	18.79399	11 04 18.32	+14 47 24.6	16.3	327	1998 WV ₃₁	1998 12	17.85605	02 27 26.66	+12 36 04.9	22.6 R	950
1998 WC ₂₄	1999 01	24.87111	11 01 49.36	+14 48 47.1	16.1	327	1998 WV ₃₁	1998 12	17.88994	02 27 26.54	+12 36 04.3		950
1998 WC ₂₄	1999 01	24.87910	11 01 49.14	+14 48 47.2		327	1998 WV ₃₁	1998 12	17.92538	02 27 26.40	+12 36 03.8		950
1998 WC ₂₄	1999 01	24.88713	11 01 48.93	+14 48 47.6		327	1998 WV ₃₁	1998 12	18.83184	02 27 23.12	+12 35 52.0	22.6 R	950
1998 WH ₂₄	1999 01	06.15123	03 32 10.62	+20 37 01.6	F	684	1998 WV ₃₁	1998 12	18.88479	02 27 22.93	+12 35 51.0		950
1998 WH ₂₄	1999 01	06.18248	03 32 10.55	+20 37 01.3	F	684	1998 WW ₃₁	* 1998 11	18.21509	03 21 32.64	+18 59 07.3	22.6 R	695
1998 WH ₂₄	1999 01	09.23034	03 32 01.86	+20 36 35.0	F	684	1998 WW ₃₁	1998 11	18.37940	03 21 31.90	+18 59 04.6		695
1998 WH ₂₄	1999 01	09.23102	03 32 01.82	+20 36 35.8		684	1998 WW ₃₁	1998 11	18.45365	03 21 31.53	+18 59 03.2		695
1998 WT ₂₄	1998 12	06.21451	11 35 10.16	+06 03 29.0		104	1998 WW ₃₁	1998 12	18.06375	03 19 25.75	+18 50 26.5	23.4 R	950
1998 WT ₂₄	1998 12	06.21563	11 35 10.66	+06 03 27.5		104	1998 WW ₃₁	1998 12	18.10505	03 19 25.63	+18 50 25.4		950
1998 WT ₂₄	1998 12	06.21666	11 35 10.99	+06 03 27.0		104	1998 WW ₃₁	1998 12	18.14633	03 19 25.49	+18 50 24.1		950
1998 WT ₂₄	1998 12	27.82329	14 47 51.45	-02 04 16.6	19.0 V	402	1998 WW ₃₁	1999 01	14.13690	03 18 10.23	+18 44 50.3	23.3 R	695
1998 WT ₂₄	1998 12	27.82468	14 47 52.32	-02 04 19.0		402	1998 WW ₃₁	1999 01	14.25171	03 18 10.01	+18 44 49.2		695
1998 WU ₂₄	1999 01	14.33010	09 30 08.33	+44 48 37.1	19.3	704	1998 WX ₃₁	* 1998 11	18.41641	04 24 39.16	+23 11 38.2	22.1 R	695
1998 WU ₂₄	1999 01	14.35311	09 30 06.72	+44 49 10.6	19.9	704	1998 WX ₃₁	1998 11	18.48756	04 24 38.78	+23 11 37.3		695
1998 WU ₂₄	1999 01	14.37603	09 30 05.09	+44 49 38.2	19.7	704	1998 WX ₃₁	1999 01	15.18020	04 19 59.34	+23 00 51.2	22.2 R	695
1998 WU ₂₄	1999 01	14.39898	09 30 03.43	+44 50 10.1	19.3	704	1998 WX ₃₁	1999 01	15.28043	04 19 59.00	+23 00 50.4		695
1998 WU ₂₄	1999 01	17.69448	09 26 06.97	+46 02 28.0	18.7 V	402	1998 WY ₃₁	* 1998 11	18.42696	04 49 19.14	+22 47 19.1	23.1 R	695
1998 WU ₂₄	1999 01	17.69588	09 26 06.88	+46 02 28.4		402	1998 WY ₃₁	1998 11	18.49839	04 49 18.81	+22 47 18.7		695
1998 WU ₂₄	1999 01	17.69727	09 26 06.81	+46 02 30.7		402	1998 WY ₃₁	1999 01	15.19486	04 44 53.45	+22 39 55.9	23.7 R	695
1998 WW ₂₄	1998 12	17.94858	03 02 25.72	+18 23 45.6		950	1998 WY ₃₁	1999 01	15.29128	04 44 53.08	+22 39 55.3		695
1998 WW ₂₄	1998 12	17.98913	03 02 25.57	+18 23 44.9		950	1998 WZ ₃₁	* 1998 11	19.41122	03 35 42.14	+20 59 22.1	22.7 R	695
1998 WW ₂₄	1998 12	18.03117	03 02 25.36	+18 23 43.4		950	1998 WZ ₃₁	1998 11	19.48013	03 35 41.68	+20 59 21.1		695
1998 WX ₂₄	1998 12	18.07999	03 23 04.16	+18 26 43.3		950	1998 WZ ₃₁	1998 12	18.08809	03 32 47.61	+20 51 35.1		950
1998 WX ₂₄	1998 12	18.12219	03 23 04.03	+18 26 42.6		950	1998 WZ ₃₁	1998 12	18.13019	03 32 47.34	+20 51 34.6		950
1998 WX ₂₄	1998 12	18.16236	03 23 03.87	+18 26 42.2		950	1998 WZ ₃₁	1998 12	18.17053	03 32 47.15	+20 51 33.6		950
1998 WY ₂₄	1998 11	19.49641	04 59 30.18	+21 48 57.5	22.5 R	695	1998 WZ ₃₁	1998 12	19.00361	03 32 42.74	+20 51 21.3		950
1998 WY ₂₄	1998 11	19.53615	04 59 29.97	+21 48 57.4		695	1998 WZ ₃₁	1998					

1998 XB	1999 01	06.16343	12 49 40.87	+25 52 35.0	557	1998 XN	1999 01	19.85753	03 50 29.41	+27 30 20.5	18.1 R	046
1998 XB	1999 01	06.16506	12 49 41.26	+25 52 36.7	557	1998 XN	1999 01	19.86005	03 50 29.37	+27 30 20.5		046
1998 XB	1999 01	09.91509	13 06 08.45	+26 58 53.1	327	1998 XN	1999 01	19.86221	03 50 29.40	+27 30 19.5		046
1998 XB	1999 01	09.91965	13 06 09.55	+26 58 57.6	327	1998 XN	1999 01	20.80740	03 50 27.57	+27 27 19.0	18.4 R	046
1998 XB	1999 01	09.92442	13 06 10.83	+26 59 02.3	327	1998 XN	1999 01	20.80929	03 50 27.55	+27 27 18.9		046
1998 XB	1999 01	17.80661	13 45 07.52	+29 29 06.2	402	1998 XO	1998 12	15.90993	04 51 39.00	+27 16 42.1	18.9 V	046
1998 XB	1999 01	17.80800	13 45 07.97	+29 29 07.9	402	1998 XO	1998 12	15.91176	04 51 38.94	+27 16 42.2		046
1998 XB	1999 01	17.80939	13 45 08.41	+29 29 09.5	402	1998 XO	1998 12	15.91385	04 51 38.77	+27 16 41.4		046
1998 XB	1999 01	18.90383	13 51 04.80	+29 50 29.0	327	1998 XO	1998 12	17.94648	04 49 31.18	+27 12 29.3	18.2 V	046
1998 XB	1999 01	18.90845	13 51 06.28	+29 50 34.4	327	1998 XO	1998 12	17.94826	04 49 31.05	+27 12 29.1		046
1998 XB	1999 01	18.91764	13 51 09.24	+29 50 45.1	327	1998 XO	1998 12	17.95113	04 49 30.87	+27 12 28.9		046
1998 XB	1999 01	19.10322	13 52 11.32	+29 54 17.5	046	1998 XO	1998 12	23.95756	04 43 34.10	+26 58 45.5		046
1998 XB	1999 01	19.10439	13 52 11.70	+29 54 18.8	046	1998 XO	1998 12	23.96159	04 43 33.85	+26 58 45.0		046
1998 XB	1999 01	19.10522	13 52 11.96	+29 54 19.7	046	1998 XO	1998 12	23.96343	04 43 33.76	+26 58 44.5		046
1998 XB	1999 01	19.23868	13 52 55.36	+29 56 58.9	104	1998 XO	1999 01	06.86403	04 32 47.99	+26 24 00.1	18.4 R	046
1998 XB	1999 01	19.23964	13 52 55.69	+29 56 59.9	104	1998 XO	1999 01	06.86619	04 32 47.97	+26 24 00.0		046
1998 XB	1999 01	19.24097	13 52 56.11	+29 57 01.2	104	1998 XO	1999 01	06.86797	04 32 47.94	+26 23 59.2		046
1998 XB	1999 01	21.91309	14 08 11.96	+30 48 39.7	327	1998 XO	1999 01	06.86975	04 32 47.85	+26 23 59.7		046
1998 XB	1999 01	21.91674	14 08 13.20	+30 48 43.9	327	1998 XP	1998 12	15.92595	06 17 53.49	+23 12 20.3		046
1998 XB	1999 01	21.92037	14 08 14.45	+30 48 48.1	327	1998 XP	1998 12	15.99558	06 17 48.78	+23 12 03.3	18.8 V	046
1998 XB	1999 01	21.92400	14 08 15.71	+30 48 52.2	327	1998 XP	1998 12	15.99801	06 17 48.65	+23 12 02.1		046
1998 XB	1999 01	21.95117	14 08 26.63	+30 49 10.1	587	1998 XP	1998 12	16.00051	06 17 48.48	+23 12 01.9		046
1998 XB	1999 01	21.95365	14 08 27.50	+30 49 12.9	587	1998 XP	1998 12	18.01339	06 15 35.08	+23 03 39.2	18.3 R	046
1998 XB	1999 01	25.50605	14 30 13.54	+31 55 11.4	711	1998 XP	1998 12	18.01791	06 15 34.76	+23 03 37.9		046
1998 XB	1999 01	25.50902	14 30 14.65	+31 55 14.6	711	1998 XP	1998 12	18.02042	06 15 34.59	+23 03 37.5		046
1998 XC	1998 12	17.66794	07 33 47.19	+19 39 13.8	327	1998 XP	1998 12	24.03950	06 08 52.30	+22 38 04.5		046
1998 XC	1998 12	17.68098	07 33 46.45	+19 39 13.8	327	1998 XP	1998 12	24.04389	06 08 51.97	+22 38 02.5	18.4 V	046
1998 XC	1998 12	17.69428	07 33 45.68	+19 39 14.0	327	1998 XP	1998 12	24.04597	06 08 51.87	+22 38 02.7		046
1998 XC	1999 01	06.84749	07 11 36.45	+19 46 47.8	120	1998 XP	1999 01	06.93395	05 54 23.37	+21 38 42.7	18.3 R	046
1998 XC	1999 01	06.85598	07 11 35.88	+19 46 47.9	120	1998 XP	1999 01	06.93608	05 54 23.26	+21 38 42.4		046
1998 XC	1999 01	06.86561	07 11 35.15	+19 46 47.9	120	1998 XP	1999 01	06.94112	05 54 23.00	+21 38 41.3		046
1998 XC	1999 01	06.89631	07 11 32.91	+19 46 49.3	120	1998 XP	1999 01	19.90117	05 44 05.96	+20 47 49.7	18.7 R	046
1998 XC	1999 01	09.89094	07 08 00.65	+19 48 31.7	120	1998 XP	1999 01	19.90301	05 44 05.89	+20 47 50.1		046
1998 XC	1999 01	09.89545	07 08 00.35	+19 48 32.3	120	1998 XP	1999 01	19.91088	05 44 05.65	+20 47 48.7		046
1998 XC	1999 01	09.90111	07 07 59.93	+19 48 32.4	120	1998 XP	1999 01	20.83925	05 43 31.40	+20 44 27.9		046
1998 XC	1999 01	09.91215	07 07 59.13	+19 48 32.7	120	1998 XP	1999 01	20.84293	05 43 31.28	+20 44 27.2		046
1998 XC	1999 01	09.91760	07 07 58.75	+19 48 33.1	120	1998 XP	1999 01	20.84731	05 43 31.11	+20 44 26.4	19.0 R	046
1998 XC	1999 01	09.92665	07 07 58.10	+19 48 33.4	120	1998 XQ	1998 12	15.93589	06 30 49.00	+22 46 03.9	18.2 V	046
1998 XC	1999 01	11.86192	07 05 42.74	+19 49 38.9	120	1998 XQ	1998 12	15.94003	06 30 48.74	+22 46 04.3		046
1998 XC	1999 01	11.87464	07 05 41.88	+19 49 39.1	120	1998 XQ	1998 12	15.94259	06 30 48.62	+22 46 04.3		046
1998 XC	1999 01	11.88589	07 05 41.06	+19 49 39.8	120	1998 XQ	1998 12	16.00355	06 30 44.86	+22 46 07.9		046
1998 XC	1999 01	13.81649	07 03 28.38	+19 50 44.6	120	1998 XQ	1998 12	16.01709	06 30 44.05	+22 46 08.6	18.5 V	046
1998 XC	1999 01	13.90065	07 03 22.49	+19 50 47.7	120	1998 XQ	1998 12	17.12071	06 29 37.91	+22 47 12.5	18.2 V	046
1998 XC	1999 01	13.91181	07 03 21.71	+19 50 48.0	120	1998 XQ	1998 12	17.12462	06 29 37.62	+22 47 12.0		046
1998 XC	1999 01	18.20668	06 58 37.98	+19 53 05.5	704	1998 XQ	1998 12	17.12660	06 29 37.54	+22 47 11.7		046
1998 XC	1999 01	18.22788	06 58 36.45	+19 53 07.4	704	1998 XQ	1998 12	18.08466	06 28 39.51	+22 48 06.8	18.5 V	046
1998 XC	1999 01	18.27348	06 58 33.40	+19 53 07.9	704	1998 XQ	1998 12	18.08664	06 28 39.39	+22 48 07.1		046
1998 XC	1999 01	18.29555	06 58 31.98	+19 53 11.2	704	1998 XQ	1998 12	18.09179	06 28 39.08	+22 48 07.4		046
1998 XC	1999 01	20.19828	06 56 33.16	+19 54 06.2	704	1998 XQ	1998 12	24.08175	06 22 25.59	+22 53 32.9		046
1998 XC	1999 01	20.22005	06 56 31.67	+19 54 08.3	704	1998 XQ	1998 12	24.08363	06 22 25.48	+22 53 32.2		046
1998 XC	1999 01	20.24208	06 56 30.38	+19 54 09.7	704	1998 XQ	1998 12	24.08601	06 22 25.33	+22 53 32.4		046
1998 XC	1999 01	20.28645	06 56 27.40	+19 54 10.5	704	1998 XQ	1999 01	18.84167	05 58 40.21	+23 08 12.0	18.2 R	046
1998 XD	1999 01	22.55181	08 48 35.34	+22 47 43.1	385	1998 XQ	1999 01	18.84457	05 58 40.12	+23 08 11.2		046
1998 XD	1999 01	22.55583	08 48 35.19	+22 47 44.7	385	1998 XQ	1999 01	18.84733	05 58 40.01	+23 08 11.5		046
1998 XD	1999 01	22.59227	08 48 33.28	+22 48 03.3	385	1998 XQ	1999 01	19.94510	05 57 57.55	+23 08 32.2	18.3 R	046
1998 XD	1999 01	25.69227	08 45 57.26	+23 13 34.6	385	1998 XQ	1999 01	19.94848	05 57 57.45	+23 08 32.4		046
1998 XD	1999 01	25.69605	08 45 57.09	+23 13 36.3	385	1998 XQ	1999 01	19.95073	05 57 57.38	+23 08 32.7		046
1998 XD	1999 01	25.69963	08 45 56.88	+23 13 38.0	385	1998 XF ₂	1999 01	23.09471	03 18 37.61	+18 15 14.1	20.4 V	691
1998 XG	1999 01	06.85065	04 16 17.92	+13 51 38.8	046	1998 XF ₂	1999 01	23.11691	03 18 37.97	+18 15 19.8	20.6 V	691
1998 XG	1999 01	06.85488	04 16 17.85	+13 51 39.5	046	1998 XF ₂	1999 01	23.13915	03 18 38.41	+18 15 26.1	20.5 V	691
1998 XG	1999 01	06.85662	04 16 17.84	+13 51 40.3	046	1998 XM ₂	1999 01	05.43707	01 39 17.65	+11 45 59.8	19.2 V	402
1998 XG	1999 01	06.85850	04 16 17.81	+13 51 40.0	046	1998 XM ₂	1999 01	05.43866	01 39 17.86	+11 45 58.2		402
1998 XG	1999 01	20.82439	04 15 47.85	+14 41 39.1	046	1998 XM ₂	1999 01	05.44025	01 39 18.13	+11 45 56.2		402
1998 XG	1999 01	20.83203	04 15 47.85	+14 41 40.2	046	1998 XM ₂	1999 01	13.10853	01 59 30.25	+10 32 16.2	20.1 V	691
1998 XG	1999 01	20.83464	04 15 47.89	+14 41 41.1	046	1998 XM ₂	1999 01	13.14026	01 59 35.03	+10 32 00.8	20.0 V	691
1998 XG	1999 01	21.92693	04 16 01.87	+14 46 13.5	046	1998 XM ₂	1999 01	13.17258	01 59 39.92	+10 31 45.4	19.7 V	691
1998 XG	1999 01	21.92881	04 16 01.92	+14 46 13.5	046	1998 XM ₂	1999 01	14.17504	02 02 12.86	+10 23 54.7	20.1 V	691
1998 XG	1999 01	21.93065	04 16 01.93	+14 46 14.5	046	1998 XM ₂	1999 01	14.17908	02 02 13.47	+10 23 53.0	20.3 V	691
1998 XJ	1998 12	15.80794	04 02 58.12	+30 22 20.4	046	1998 XM ₂	1999 01	17.12305	02 09 36.77	+10 03 00.5	20.3 V	691
1998 XJ	1998 12	15.81002	04 02 58.00	+30 22 20.3	046	1998 XM ₂	1999 01	17.12678	02 09 37.32	+10 02 59.0	20.3 V	691
1998 XJ	1998 12	15.81208	04 02 57.87	+30 22 20.5	046	1998 XM ₂	1999 01	17.13200	02 09 38.10	+10 02 56.9	20.3 V	691
1998 XJ	1998 12	17.88791	04 00 53.33	+30 21 43.1	046	1998 XM ₂	1999 01	19.17139	02 14 39.89	+09 50 12.9	20.2 V	691
1998 XJ	1998 12	17.89083	04 00 53.12	+30 21 42.5	046	1998 XM ₂	1999 01	19.17521	02 14 40.47	+09 50 11.3	19.7 V	691
1998 XJ	1998 12	17.89492	04 00 52.86	+30 21 42.5	046	1998 XM ₂	1999 01	19.17948	02 14 41.09	+09 50 10.2	20.0 V	691
1998 XJ	1998 12	21.83037	03 57 13.73	+30 19 38.1	046	1998 XM ₂	1999 01	22.12468	02 21 50.56	+09 34 04.8	20.4 V	691
1998 XJ	1998 12	21.83873	03 57 13.30	+30 19 37.6	046	1998 XM ₂	1999 01	22.13040	02 21 51.33	+09 34 03.5	20.6 V</	

1998 XU ₂	1999 01	16.07842	05 18 55.55	+40 22 53.6	18.2	704	1998 XR ₄	1999 01	16.43926	06 14 05.11	+27 02 21.6	411
1998 XU ₂	1999 01	16.10046	05 18 54.74	+40 22 42.6	19.5	704	1998 XR ₄	1999 01	16.44409	06 14 04.86	+27 02 19.4	411
1998 XU ₂	1999 01	16.14522	05 18 53.13	+40 22 22.8	18.7	704	1998 XS ₄	1999 01	04.52677	06 25 22.12	+27 43 01.8	411
1998 XU ₂	1999 01	16.16722	05 18 52.32	+40 22 14.0	18.7	704	1998 XS ₄	1999 01	04.54490	06 25 20.89	+27 42 59.0	411
1998 XY ₂	1999 01	04.81267	05 20 55.88	+37 54 08.2		587	1998 XS ₄	1999 01	15.48630	06 14 24.10	+27 09 59.2	411
1998 XY ₂	1999 01	04.82481	05 20 55.09	+37 54 09.2		587	1998 XS ₄	1999 01	15.50261	06 14 23.11	+27 09 56.0	411
1998 XY ₂	1999 01	05.88851	05 19 50.00	+37 55 21.8		587	1998 XS ₄	1999 01	16.19120	06 13 45.50	+27 07 39.3	18.5
1998 XY ₂	1999 01	15.86396	05 11 22.50	+37 58 29.0		587	1998 XS ₄	1999 01	16.21317	06 13 44.35	+27 07 36.6	18.4
1998 XY ₂	1999 01	15.88796	05 11 21.36	+37 58 27.5		587	1998 XS ₄	1999 01	16.23513	06 13 43.09	+27 07 32.3	18.8
1998 XA ₃	1999 01	15.74933	05 06 48.19	+19 26 39.9		108	1998 XS ₄	1999 01	16.25722	06 13 41.84	+27 07 27.9	19.0
1998 XA ₃	1999 01	15.75532	05 06 48.03	+19 26 40.9		108	1998 XS ₄	1999 01	19.09715	06 11 13.23	+26 57 51.7	18.5
1998 XA ₃	1999 01	15.76146	05 06 47.79	+19 26 41.7	17.6 V	108	1998 XS ₄	1999 01	19.11917	06 11 12.08	+26 57 47.4	18.6
1998 XB ₃	1998 12	15.37675	05 29 32.85	+13 51 04.1	19.4	704	1998 XS ₄	1999 01	19.16308	06 11 09.85	+26 57 40.1	18.4
1998 XB ₃	1998 12	15.39173	05 29 31.92	+13 51 06.5	19.4	704	1998 XS ₄	1999 01	19.18504	06 11 08.82	+26 57 34.5	18.4
1998 XB ₃	1998 12	15.42140	05 29 29.81	+13 51 10.7	18.9	704	1998 XT ₄	1999 01	04.52857	06 25 25.48	+27 31 12.3	411
1998 XB ₃	1998 12	15.43626	05 29 28.84	+13 51 16.0	18.9	704	1998 XT ₄	1999 01	04.54671	06 25 24.25	+27 31 17.1	411
1998 XB ₃	1998 12	22.18674	05 22 11.24	+14 14 52.4	19.5	704	1998 XT ₄	1999 01	15.48269	06 13 44.88	+28 07 23.0	411
1998 XB ₃	1998 12	22.20963	05 22 09.79	+14 14 58.3	19.2	704	1998 XT ₄	1999 01	15.49900	06 13 43.91	+28 07 25.2	411
1998 XB ₃	1998 12	22.23231	05 22 08.09	+14 15 02.3	18.9	704	1998 XU ₄	1999 01	04.53583	06 29 19.32	+26 31 39.8	411
1998 XC ₃	1999 01	03.74444	04 36 37.36	+25 40 51.7	18.6 V	596	1998 XU ₄	1999 01	04.55396	06 29 18.26	+26 31 41.2	411
1998 XC ₃	1999 01	03.76227	04 36 36.84	+25 40 52.3		596	1998 XU ₄	1999 01	15.49357	06 19 10.49	+26 38 38.7	411
1998 XD ₃	1999 01	17.47602	04 11 14.71	+21 32 32.8		426	1998 XU ₄	1999 01	15.50987	06 19 09.76	+26 38 40.8	411
1998 XD ₃	1999 01	17.50007	04 11 14.76	+21 32 35.9	19.2 R	426	1998 XV ₄	1999 01	04.53402	06 27 57.49	+26 21 26.1	411
1998 XD ₃	1999 01	19.48505	04 11 28.63	+21 37 56.3	19.7 R	426	1998 XV ₄	1999 01	04.55216	06 27 56.32	+26 21 25.8	411
1998 XD ₃	1999 01	19.51023	04 11 28.83	+21 38 00.9		426	1998 XV ₄	1999 01	16.19223	06 16 21.84	+26 18 47.4	18.3
1998 XJ ₃	1999 01	07.08104	06 42 34.58	+11 22 47.7		557	1998 XV ₄	1999 01	16.21420	06 16 20.69	+26 18 46.6	18.3
1998 XJ ₃	1999 01	07.08314	06 42 34.49	+11 22 47.8		557	1998 XV ₄	1999 01	16.23616	06 16 19.43	+26 18 46.7	19.0
1998 XJ ₃	1999 01	07.08523	06 42 34.39	+11 22 48.0		557	1998 XV ₄	1999 01	17.45122	06 15 14.65	+26 18 03.0	411
1998 XJ ₃	1999 01	12.92516	06 37 36.82	+11 39 19.7		557	1998 XV ₄	1999 01	17.45670	06 15 14.25	+26 18 02.3	411
1998 XJ ₃	1999 01	12.92714	06 37 36.73	+11 39 20.4		557	1998 XW ₄	1999 01	04.53218	06 26 35.79	+27 43 15.6	411
1998 XJ ₃	1999 01	12.92912	06 37 36.63	+11 39 20.8		557	1998 XW ₄	1999 01	04.55032	06 26 34.44	+27 43 16.1	411
1998 XK ₃	1999 01	07.14475	08 37 30.75	+03 03 24.2		557	1998 XW ₄	1999 01	17.44936	06 13 30.50	+27 43 52.0	411
1998 XK ₃	1999 01	07.14684	08 37 30.62	+03 03 24.1		557	1998 XW ₄	1999 01	17.46035	06 13 29.84	+27 43 51.7	411
1998 XK ₃	1999 01	07.14894	08 37 30.50	+03 03 22.5		557	1998 XX ₄	1999 01	04.53763	06 31 59.76	+30 25 47.2	411
1998 XL ₃	1999 01	15.44693	04 53 34.96	+24 52 16.6		411	1998 XX ₄	1999 01	04.55576	06 31 58.62	+30 25 52.6	411
1998 XL ₃	1999 01	15.45177	04 53 34.76	+24 52 15.6		411	1998 XX ₄	1999 01	15.49538	06 21 39.22	+31 07 32.6	411
1998 XM ₃	1999 01	13.51159	06 02 32.01	+37 29 43.8	18.0 V	385	1998 XX ₄	1999 01	15.51167	06 21 38.39	+31 07 35.9	411
1998 XM ₃	1999 01	13.55443	06 02 29.52	+37 29 37.1	17.5 V	888	1998 XX ₄	1999 01	16.19076	06 21 03.49	+31 09 43.4	18.0
1998 XM ₃	1999 01	13.56282	06 02 29.02	+37 29 35.5		888	1998 XX ₄	1999 01	16.21273	06 21 02.20	+31 09 48.2	18.7
1998 XM ₃	1999 01	22.49880	05 55 56.12	+37 01 44.6	17.7 V	385	1998 XX ₄	1999 01	16.23470	06 21 01.15	+31 09 52.8	18.6
1998 XM ₃	1999 01	22.52654	05 55 55.18	+37 01 38.5		385	1998 XX ₄	1999 01	16.25677	06 20 59.94	+31 09 56.2	18.6
1998 XN ₃	1999 01	04.44985	05 09 02.78	+24 49 32.3		411	1998 XX ₄	1999 01	16.27869	06 20 58.52	+31 09 59.8	19.6
1998 XN ₃	1999 01	04.45468	05 09 02.55	+24 49 31.6		411	1998 XX ₄	1999 01	19.09366	06 18 40.65	+31 18 10.8	18.0
1998 XP ₃	1998 12	26.42145	05 12 40.30	+28 01 59.4		411	1998 XX ₄	1999 01	19.11568	06 18 39.55	+31 18 14.5	18.0
1998 XP ₃	1998 12	26.43013	05 12 39.77	+28 01 58.5		411	1998 XX ₄	1999 01	19.15959	06 18 37.49	+31 18 22.1	18.2
1998 XQ ₃	1999 01	04.44985	05 08 58.93	+24 41 09.9		411	1998 XX ₄	1999 01	19.18154	06 18 36.44	+31 18 24.5	18.3
1998 XQ ₃	1999 01	04.45468	05 08 58.67	+24 41 11.4		411	1998 XY ₄	1999 01	21.72485	05 02 17.09	+71 07 12.3	18.3
1998 XS ₃	1999 01	15.45892	05 03 38.38	+26 22 39.2		411	1998 XY ₄	1999 01	21.73110	05 02 16.55	+71 07 14.4	561
1998 XS ₃	1999 01	15.46697	05 03 38.10	+26 22 39.3		411	1998 XY ₄	1999 01	21.73576	05 02 16.19	+71 07 15.5	561
1998 XT ₃	1998 12	14.33123	05 29 48.40	+23 29 10.2	17.4	704	1998 XZ ₄	1999 01	05.98591	06 06 17.71	+59 15 17.3	557
1998 XT ₃	1998 12	14.35303	05 29 47.01	+23 29 03.8		704	1998 XZ ₄	1999 01	05.98800	06 06 17.35	+59 15 13.9	18.2 V
1998 XT ₃	1998 12	14.37478	05 29 45.58	+23 28 58.8	17.5	704	1998 XZ ₄	1999 01	18.58926	05 41 03.10	+53 24 17.4	18.6 V
1998 XT ₃	1998 12	14.39654	05 29 44.12	+23 28 53.7		704	1998 XZ ₄	1999 01	18.59066	05 41 02.98	+53 24 15.1	402
1998 XT ₃	1998 12	14.41842	05 29 42.79	+23 28 45.5	18.3	704	1998 XZ ₄	1999 01	18.59205	05 41 02.88	+53 24 12.5	402
1998 XT ₃	1998 12	22.18268	05 21 38.91	+22 57 08.4	17.5	704	1998 XZ ₄	1999 01	22.56181	05 37 07.28	+51 39 10.3	19.0 V
1998 XT ₃	1998 12	22.20565	05 21 37.46	+22 57 03.8	17.7	704	1998 XZ ₄	1999 01	22.56597	05 37 07.09	+51 39 03.7	360
1998 XT ₃	1998 12	22.22826	05 21 36.03	+22 56 56.6	17.7	704	1998 XZ ₄	1999 01	22.57049	05 37 06.85	+51 38 56.5	360
1998 XT ₃	1998 12	22.25093	05 21 34.62	+22 56 52.6	18.2	704	1998 XA ₅	1998 12	23.83286	07 30 30.10	+22 13 08.8	587
1998 XW ₃	1999 01	05.45648	03 56 07.35	+22 55 46.0	17.0 V	369	1998 XA ₅	1998 12	27.52016	07 14 30.02	+07 21 49.1	15.1 R
1998 XW ₃	1999 01	05.47565	03 56 06.88	+22 55 47.3		369	1998 XA ₅	1998 12	27.52094	07 14 29.78	+07 21 37.6	15.3 R
1998 XZ ₃	1999 01	02.50513	04 24 02.60	+29 28 51.6		411	1998 XA ₅	1998 12	27.52251	07 14 29.37	+07 21 13.9	15.2 R
1998 XZ ₃	1999 01	02.50765	04 24 02.42	+29 28 52.4		411	1998 XA ₅	1998 12	27.52341	07 14 29.09	+07 20 59.8	15.3 R
1998 XZ ₃	1999 01	02.51016	04 24 02.27	+29 28 51.4		411	1998 XA ₅	1999 01	04.90912	06 39 45.97	+24 10 23.2	p
1998 XA ₄	1999 01	02.54093	04 38 28.89	+30 48 28.6		411	1998 XA ₅	1999 01	04.91090	06 39 45.43	+24 10 45.4	p
1998 XA ₄	1999 01	02.54846	04 38 28.55	+30 48 28.7		411	1998 XA ₅	1999 01	05.92264	06 35 55.00	+27 02 56.4	587
1998 XA ₄	1999 01	08.24853	04 46 09.67	+22 48 30.4		704	1998 XA ₅	1999 01	05.92686	06 35 53.96	+27 03 38.0	587
1998 XA ₄	1999 01	08.26254	04 46 09.03	+22 48 28.1	18.0	704	1998 XA ₅	1999 01	07.47312	06 30 14.67	+30 59 56.1	16.9 R
1998 XA ₄	1999 01	08.27674	04 46 08.69	+22 48 28.4	17.4	704	1998 XA ₅	1999 01	07.48196	06 30 12.59	+31 01 12.3	17.1 R
1998 XA ₄	1999 01	08.29117	04 46 08.25	+22 48 27.0	17.4	704	1998 XA ₅	1999 01	07.48366	06 30 12.20	+31 01 27.4	17.0 R
1998 XA ₄	1999 01	08.30276	04 46 07.70	+22 48 24.5	17.4	704	1998 XA ₅	1999 01	08.53323	06 26 28.42	+33 25 33.8	17.0 R
1998 XA ₄	1999 01	11.24365	04 44 45.00	+22 44 37.8	18.1	704	1998 XA ₅	1999 01	08.53602	06 26 27.84	+33 25 53.1	17.2 R
1998 XA ₄	1999 0											

1998 XF ₅	1998 12 15.21962	06 11 16.65	+14 52 12.2	16.5 V	825	1998 XY _s	1978 02 08.68822	12 57 24.77	-21 23 10.2	6	413
1998 XF ₅	1998 12 15.38553	06 11 06.21	+14 53 27.1	18.0	704	1998 XY _s	1978 02 08.73683	12 57 24.56	-21 23 23.8	6	413
1998 XF ₅	1998 12 15.40035	06 11 05.24	+14 53 33.5	17.9	704	1998 XY _s	1992 01 27.20748	08 15 26.19	+10 30 16.1	16.8 V	691
1998 XF ₅	1998 12 15.41518	06 11 04.34	+14 53 39.8	17.9	704	1998 XY _s	1992 01 27.23198	08 15 24.52	+10 30 14.0		691
1998 XF ₅	1998 12 15.43005	06 11 03.35	+14 53 46.5	17.9	704	1998 XY _s	1992 01 27.26043	08 15 22.45	+10 30 11.9		691
1998 XF ₅	1998 12 15.44498	06 11 02.40	+14 53 53.7	17.8	704	1998 XY _s	1998 11 14.30455	04 35 17.19	+34 58 10.1	18.0	704
1998 XF ₅	1998 12 16.14410	06 10 19.46	+14 59 04.8	16.7 V	825	1998 XY _s	1998 11 14.32654	04 35 15.82	+34 58 01.6		704
1998 XF ₅	1998 12 16.15244	06 10 18.89	+14 59 08.6	16.8 V	825	1998 XY _s	1998 11 14.34839	04 35 14.55	+34 57 53.9	18.5	704
1998 XF ₅	1998 12 16.16910	06 10 17.90	+14 59 15.5	16.8 V	825	1998 XY _s	1998 11 14.37050	04 35 13.34	+34 57 44.3	18.3	704
1998 XG ₅	1998 12 15.44990	06 28 02.21	+14 11 18.9	17.7	704	1998 XY _s	1998 11 14.39277	04 35 12.09	+34 57 34.1	19.3	704
1998 XG ₅	1998 12 15.46463	06 28 01.41	+14 11 13.7	18.1	704	1998 XY _s	1998 11 16.29604	04 33 28.86	+34 44 56.6	17.3	704
1998 XG ₅	1998 12 15.47941	06 28 00.48	+14 11 08.8	18.5	704	1998 XY _s	1998 11 16.31746	04 33 27.64	+34 44 48.2		704
1998 XG ₅	1998 12 15.49416	06 27 59.68	+14 11 04.0	18.3	704	1998 XY _s	1998 11 16.33870	04 33 26.32	+34 44 37.0		704
1998 XG ₅	1998 12 15.50895	06 27 58.85	+14 10 59.1	18.3	704	1998 XY _s	1998 11 16.35975	04 33 25.11	+34 44 29.7		704
1998 XH ₅	1998 12 15.45845	07 16 28.35	+18 19 33.8	18.2	704	1998 XY _s	1998 11 16.38083	04 33 23.84	+34 44 21.4		704
1998 XH ₅	1998 12 15.47318	07 16 27.64	+18 19 37.4		704	1998 XY _s	1999 01 05.73208	03 58 03.93	+25 42 39.1	16.7 R	046
1998 XH ₅	1998 12 15.48798	07 16 27.04	+18 19 41.2		704	1998 XY _s	1999 01 05.73321	03 58 03.96	+25 42 38.2		046
1998 XH ₅	1998 12 15.50274	07 16 26.48	+18 19 43.1	18.8	704	1998 XY _s	1999 01 05.73442	03 58 03.97	+25 42 37.5		046
1998 XH ₅	1998 12 15.51753	07 16 25.78	+18 19 48.4	18.8	704	1998 XY _s	1999 01 06.84231	03 58 11.47	+25 32 12.3	16.6 R	046
1998 XH ₅	1998 12 22.41456	07 11 24.79	+18 49 50.1	18.1	704	1998 XY _s	1999 01 06.84418	03 58 11.48	+25 32 11.1		046
1998 XH ₅	1998 12 22.43736	07 11 23.55	+18 49 57.0	17.6	704	1998 XY _s	1999 01 06.84800	03 58 11.49	+25 32 08.9		046
1998 XH ₅	1998 12 22.46014	07 11 22.56	+18 50 03.6	17.6	704	1998 XY _s	1999 01 08.24164	03 58 25.19	+25 19 25.2	17.1	704
1998 XH ₅	1998 12 22.48299	07 11 21.49	+18 50 10.1	17.8	704	1998 XY _s	1999 01 08.25323	03 58 25.26	+25 19 17.5		704
1998 XH ₅	1998 12 22.50657	07 11 20.43	+18 50 17.5	18.3	704	1998 XY _s	1999 01 08.26769	03 58 25.41	+25 19 08.5	17.8	704
1998 XH ₅	1999 01 05.22535	06 59 46.54	+19 56 19.5	16.5 R	757	1998 XY _s	1999 01 08.28197	03 58 25.46	+25 19 03.5	17.7	704
1998 XH ₅	1999 01 05.23891	06 59 45.83	+19 56 23.7	16.3 R	757	1998 XY _s	1999 01 08.29566	03 58 25.73	+25 18 54.4	17.7	704
1998 XH ₅	1999 01 13.18851	06 52 51.51	+20 35 51.9	16.8 R	757	1998 XY _s	1999 01 11.23515	03 59 09.85	+24 53 19.6	17.8	704
1998 XH ₅	1999 01 13.21315	06 52 50.23	+20 35 58.8	16.9 R	757	1998 XY _s	1999 01 11.24570	03 59 10.15	+24 53 14.3	17.7	704
1998 XH ₅	1999 01 18.20219	06 48 42.66	+21 00 19.2	17.1	704	1998 XY _s	1999 01 11.25635	03 59 10.24	+24 53 09.8	17.7	704
1998 XH ₅	1999 01 18.22429	06 48 41.50	+21 00 28.3	16.8	704	1998 XY _s	1999 01 11.26694	03 59 10.53	+24 53 05.3	17.6	704
1998 XH ₅	1999 01 18.24706	06 48 40.35	+21 00 33.1	16.7	704	1998 XY _s	1999 01 11.27756	03 59 10.60	+24 52 57.7	17.6	704
1998 XH ₅	1999 01 18.26898	06 48 39.36	+21 00 38.5	17.3	704	1998 XY _s	1999 01 17.78988	04 01 57.44	+24 02 40.9	16.9 R	046
1998 XH ₅	1999 01 18.29106	06 48 37.97	+21 00 44.9	18.2	704	1998 XY _s	1999 01 17.79297	04 01 57.49	+24 02 39.6		046
1998 XH ₅	1999 01 18.93750	06 48 07.36	+21 03 52.1	17.6 V	104	1998 XY _s	1999 01 17.79455	04 01 57.55	+24 02 39.2		046
1998 XH ₅	1999 01 18.94086	06 48 07.19	+21 03 53.1		104	1998 XY _s	1999 01 19.75507	04 03 05.33	+23 49 13.4	17.0 R	046
1998 XH ₅	1999 01 18.94433	06 48 07.01	+21 03 54.3		104	1998 XY _s	1999 01 19.75721	04 03 05.42	+23 49 12.6		046
1998 XH ₅	1999 01 20.02963	06 47 15.90	+21 09 05.6	17.5 V	104	1998 XY _s	1999 01 19.76014	04 03 05.51	+23 49 11.4		046
1998 XH ₅	1999 01 20.03634	06 47 15.51	+21 09 07.3		104	1998 XY _s	1999 01 23.74463	04 05 46.67	+23 24 14.3	16.7 R	046
1998 XH ₅	1999 01 20.19378	06 47 08.34	+21 09 53.4		704	1998 XY _s	1999 01 23.74707	04 05 46.77	+23 24 13.3		046
1998 XH ₅	1999 01 20.21556	06 47 07.36	+21 09 59.3		704	1998 XY _s	1999 01 23.75061	04 05 46.93	+23 24 12.0		046
1998 XH ₅	1999 01 20.23752	06 47 06.30	+21 10 05.5	17.1	704	1998 XZ _s	1998 12 30.77596	06 33 15.57	+38 53 30.8		127
1998 XH ₅	1999 01 20.25938	06 47 05.24	+21 10 11.8		704	1998 XZ _s	1998 12 30.78637	06 33 14.80	+38 53 26.7	16.2	127
1998 XH ₅	1999 01 20.81224	06 46 39.81	+21 12 45.9		108	1998 XZ _s	1999 01 05.78950	06 26 04.41	+38 10 35.2		504
1998 XH ₅	1999 01 20.81798	06 46 39.47	+21 12 48.1		108	1998 XZ _s	1999 01 05.79079	06 26 04.29	+38 10 34.0	16.3	504
1998 XH ₅	1999 01 20.82363	06 46 39.27	+21 12 50.5		108	1998 XZ _s	1999 01 05.79426	06 26 04.08	+38 10 33.2	16.7	504
1998 XH ₅	1999 01 20.83405	06 46 38.85	+21 12 53.1	17.7 V	108	1998 XZ _s	1999 01 05.79644	06 26 03.97	+38 10 32.1	16.4	504
1998 XL ₅	1998 12 15.23632	04 13 54.57	+05 34 53.0	17.7	704	1998 XZ _s	1999 01 05.79791	06 26 03.80	+38 10 31.5		504
1998 XL ₅	1998 12 15.25119	04 13 53.97	+05 34 54.2	16.6	704	1998 XZ _s	1999 01 09.80582	06 21 38.51	+37 38 36.2	16.4	504
1998 XL ₅	1998 12 15.26609	04 13 53.36	+05 34 54.6	16.6	704	1998 XZ _s	1999 01 09.81334	06 21 38.02	+37 38 32.2		504
1998 XL ₅	1998 12 15.28102	04 13 52.61	+05 34 56.1	16.9	704	1998 XZ _s	1999 01 09.82039	06 21 37.56	+37 38 28.7		504
1998 XL ₅	1998 12 15.29586	04 13 51.99	+05 34 56.3	16.9	704	1998 XZ _s	1999 01 14.79218	06 16 42.30	+36 56 03.0	16.6	504
1998 XL ₅	1998 12 22.06611	04 09 12.75	+05 45 35.7	17.3	704	1998 XZ _s	1999 01 14.79358	06 16 42.16	+36 56 02.9	16.6	504
1998 XL ₅	1998 12 22.08882	04 09 11.96	+05 45 38.1	17.2	704	1998 XZ _s	1999 01 14.80054	06 16 41.82	+36 55 59.3	16.9	504
1998 XL ₅	1998 12 22.11147	04 09 11.07	+05 45 40.0	17.1	704	1998 XZ _s	1999 01 14.80278	06 16 41.56	+36 55 56.9	16.4	504
1998 XL ₅	1998 12 22.13415	04 09 10.14	+05 45 42.7	17.0	704	1998 XZ _s	1999 01 20.77943	06 11 45.76	+36 02 06.1	17.6	504
1998 XL ₅	1998 12 22.15683	04 09 09.26	+05 45 46.0	17.0	704	1998 XZ _s	1999 01 20.78094	06 11 45.67	+36 02 05.3	17.3	504
1998 XM ₅	1998 11 13.43584	05 02 02.44	+02 51 58.1	18.7	704	1998 XZ _s	1999 01 20.78406	06 11 45.54	+36 02 04.1	17.7	504
1998 XM ₅	1998 11 13.44562	05 02 02.03	+02 51 57.0	18.7	704	1998 XZ _s	1999 01 20.78553	06 11 45.49	+36 02 02.9	17.2	504
1998 XM ₅	1998 11 13.45546	05 02 01.72	+02 51 52.5	18.7	704	1998 XZ _s	1999 01 23.90963	06 09 39.11	+35 33 16.8	17.1	504
1998 XM ₅	1998 11 13.46535	05 02 01.22	+02 51 50.9	19.0	704	1998 XZ _s	1999 01 23.91167	06 09 39.08	+35 33 15.2	17.3	504
1998 XM ₅	1998 11 13.47497	05 02 00.79	+02 51 49.4	19.0	704	1998 XZ _s	1999 01 23.91722	06 09 38.81	+35 33 12.9	17.4	504
1998 XM ₅	1998 11 19.38307	04 58 02.02	+02 31 01.8	18.0 R	699	1998 XZ _s	1999 01 30.77971	06 06 13.49	+34 29 31.2	15.7	504
1998 XM ₅	1998 11 19.39590	04 58 01.44	+02 30 59.4		699	1998 XZ _s	1999 01 30.79117	06 06 13.18	+34 29 24.2	15.6	504
1998 XM ₅	1998 11 19.40872	04 58 00.93	+02 30 57.8		699	1998 XA ₉	1999 01 06.07367	01 53 58.11	+23 52 47.8	18.0	725
1998 XM ₅	1998 12 17.27384	04 35 53.93	+02 00 16.7	17.7 R	699	1998 XA ₉	1999 01 06.10848	01 53 58.49	+23 52 46.9	18.0	725
1998 XM ₅	1998 12 17.29677	04 35 52.85	+02 00 18.7		699	1998 XA ₉	1999 01 10.07042	01 54 51.97	+23 51 37.7	18.4	725
1998 XM ₅	1998 12 17.30680	04 35 52.35	+02 00 18.7		699	1998 XA ₉	1999 01 10.14755	01 54 53.08	+23 51 37.1	18.4	725
1998 XM ₅	1998 12 19.10127	04 34 31.54	+02 02 43.7	17.4	704	1998 XB ₉	1999 01 04.87324	07 08 46.10	+45 15 33.4		587
1998 XM ₅	1998 12 19.12408	04 34 30.50	+02 02 46.9	17.4	704	1998 XB ₉	1999 01 04.87755	07 08 45.84	+45 15 27.8		587
1998 XM ₅	1998 12 19.14684	04 34 29.44	+02 02 48.7	17.5	704	1998 XB ₉	1999 01 05.80182	07 07 49.67	+44 54 33.9	16.1 R	151
1998 XM ₅	1998 12 19.16961	04 34 28.34	+02 02 50.9	17.5	704	1998 XB ₉	1999 01 05.81454	07 07 48.77	+44 54 17.5	15.8 R	151
1998 XM ₅	1998 12 22.07709										

1998 XC ₉	1999 01	18.65713	07 45	17.38	+34 36	10.1	402	1998 XR ₁₀	1999 01	23.44162	09 20	15.69	+15 01	09.6	18.2	V	691
1998 XC ₉	1999 01	18.65852	07 45	17.34	+34 36	07.6	402	1998 XR ₁₀	1999 01	23.46294	09 20	14.47	+15 01	14.4	18.3	V	691
1998 XC ₉	1999 01	18.98530	07 45	12.42	+34 26	59.4	104	1998 XW ₁₀	1999 01	19.93454	09 25	46.52	+14 24	08.9	18.0		120
1998 XC ₉	1999 01	18.98715	07 45	12.39	+34 26	56.8	104	1998 XW ₁₀	1999 01	19.99602	09 25	42.87	+14 24	15.9			120
1998 XC ₉	1999 01	18.98919	07 45	12.29	+34 26	53.2	104	1998 XW ₁₀	1999 01	20.01595	09 25	41.67	+14 24	18.1			120
1998 XC ₉	1999 01	19.81470	07 45	01.15	+34 03	55.1	108	1998 XW ₁₀	1999 01	20.85294	09 24	54.07	+14 25	59.4	18.1		120
1998 XC ₉	1999 01	19.82050	07 45	00.98	+34 03	48.1	108	1998 XW ₁₀	1999 01	20.87581	09 24	52.56	+14 26	02.4			120
1998 XC ₉	1999 01	19.83843	07 45	00.60	+34 03	19.0	108	1998 XW ₁₀	1999 01	21.92488	09 23	51.29	+14 28	12.9	18.0		120
1998 XD ₉	1999 01	04.81762	05 40	11.17	+39 22	07.9	587	1998 XW ₁₀	1999 01	21.92742	09 23	51.13	+14 28	12.4	18.3		120
1998 XD ₉	1999 01	04.82039	05 40	11.09	+39 22	14.3	587	1998 XW ₁₀	1999 01	21.94242	09 23	50.25	+14 28	15.4			120
1998 XD ₉	1999 01	17.85994	05 44	55.12	+47 16	18.3	118	1998 XW ₁₀	1999 01	21.94527	09 23	50.02	+14 28	15.2			120
1998 XD ₉	1999 01	17.86683	05 44	55.39	+47 16	30.4	118	1998 XW ₁₀	1999 01	22.46938	09 23	18.56	+14 29	22.9	18.0	V	691
1998 XD ₉	1999 01	18.59603	05 45	32.38	+47 38	14.9	402	1998 XW ₁₀	1999 01	22.49042	09 23	17.30	+14 29	25.6	18.0	V	691
1998 XD ₉	1999 01	18.59743	05 45	32.41	+47 38	17.6	402	1998 XW ₁₀	1999 01	22.51302	09 23	15.91	+14 29	29.4	18.1	V	691
1998 XD ₉	1999 01	18.59882	05 45	32.46	+47 38	20.0	402	1998 XW ₁₀	1999 01	22.86603	09 22	55.58	+14 30	11.8	18.2		120
1998 XD ₉	1999 01	18.84737	05 45	47.03	+47 45	32.1	143	1998 XW ₁₀	1999 01	22.94691	09 22	50.52	+14 30	22.9			120
1998 XD ₉	1999 01	18.85015	05 45	47.10	+47 45	36.1	143	1998 XZ ₁₀	1999 01	23.96589	09 41	01.15	+13 44	59.4	18.3		120
1998 XD ₉	1999 01	18.85309	05 45	47.29	+47 45	42.2	143	1998 XZ ₁₀	1999 01	23.98210	09 41	00.43	+13 45	01.2			120
1998 XD ₉	1999 01	21.84608	05 48	54.12	+49 08	11.0	108	1998 XZ ₁₀	1999 01	24.03374	09 40	57.77	+13 45	08.1			120
1998 XD ₉	1999 01	21.85090	05 48	54.25	+49 08	12.4	108	1998 XH ₁₁	1998 08	31.41543	04 28	49.49	+14 05	21.9	18.9		704
1998 XD ₉	1999 01	21.85520	05 48	54.33	+49 08	23.6	108	1998 XH ₁₁	1998 08	31.42510	04 28	50.05	+14 05	24.7	18.9		704
1998 XD ₉	1999 01	26.58899	05 55	24.91	+51 00	01.3	402	1998 XH ₁₁	1998 08	31.43493	04 28	50.71	+14 05	26.3	19.1		704
1998 XD ₉	1999 01	26.59038	05 55	25.14	+51 00	03.2	402	1998 XH ₁₁	1998 08	31.44491	04 28	51.33	+14 05	28.9	19.1		704
1998 XD ₉	1999 01	26.59177	05 55	25.25	+51 00	04.6	402	1998 XH ₁₁	1998 11	20.02442	04 36	00.48	+18 25	22.8	17.6	V	910
1998 XJ ₉	1999 01	05.73962	03 29	18.85	+16 59	05.4	557	1998 XH ₁₁	1998 11	20.05053	04 35	58.83	+18 25	29.4	17.6	V	910
1998 XJ ₉	1999 01	05.74593	03 29	18.80	+16 59	07.2	557	1998 XH ₁₁	1998 11	20.07408	04 35	57.37	+18 25	35.1	17.7	V	910
1998 XJ ₉	1999 01	05.74841	03 29	18.79	+16 59	08.4	557	1998 XH ₁₁	1998 11	24.21836	04 31	38.75	+18 42	50.0	17.0		704
1998 XJ ₉	1999 01	17.75047	03 31	35.86	+18 00	31.6	557	1998 XH ₁₁	1998 11	24.26635	04 31	35.55	+18 43	02.7			704
1998 XJ ₉	1999 01	17.78508	03 31	36.62	+18 00	43.2	557	1998 XH ₁₁	1998 11	24.31497	04 31	32.30	+18 43	14.6	17.9		704
1998 XJ ₉	1999 01	23.17263	03 34	12.42	+18 31	15.5	691	1998 XH ₁₁	1998 11	24.36240	04 31	29.15	+18 43	28.0			704
1998 XJ ₉	1999 01	23.19496	03 34	13.12	+18 31	23.1	691	1998 XH ₁₁	1998 12	15.23279	04 09	07.60	+20 13	02.7	17.4		704
1998 XJ ₉	1999 01	23.21731	03 34	13.83	+18 31	30.9	691	1998 XH ₁₁	1998 12	15.26258	04 09	05.78	+20 13	13.6	17.1		704
1998 XK ₉	1999 01	05.16124	03 59	27.91	+18 25	08.7	699	1998 XH ₁₁	1998 12	15.27749	04 09	04.85	+20 13	13.9	17.1		704
1998 XK ₉	1999 01	05.18288	03 59	27.39	+18 25	11.1	699	1998 XH ₁₁	1998 12	15.29235	04 09	04.06	+20 13	17.0	17.9		704
1998 XK ₉	1999 01	05.20329	03 59	26.88	+18 25	12.6	699	1998 XH ₁₁	1999 01	06.83126	03 53	59.75	+21 55	13.0	17.6		132
1998 XK ₉	1999 01	05.76617	03 59	15.86	+18 26	22.8	120	1998 XH ₁₁	1999 01	06.85966	03 53	59.14	+21 55	20.6	17.9		132
1998 XK ₉	1999 01	05.79343	03 59	15.23	+18 26	25.7	120	1998 XH ₁₁	1999 01	19.76847	03 52	48.84	+22 59	02.7	17.7		132
1998 XK ₉	1999 01	05.81755	03 59	14.95	+18 26	26.8	120	1998 XH ₁₁	1999 01	19.79608	03 52	48.98	+22 59	02.7	17.7		132
1998 XK ₉	1999 01	06.77193	03 58	57.34	+18 28	27.8	120	1998 XH ₁₁	1999 01	19.82392	03 52	49.21	+22 59	10.5	17.3		132
1998 XK ₉	1999 01	06.78877	03 58	57.02	+18 28	30.7	120	1998 XJ ₁₁	1999 01	05.51251	06 56	15.45	+26 03	14.4			411
1998 XK ₉	1999 01	06.83175	03 58	56.10	+18 28	36.1	120	1998 XJ ₁₁	1999 01	05.52517	06 56	14.72	+26 03	19.1			411
1998 XP ₉	1999 01	06.73249	03 58	38.45	+22 19	23.4	120	1998 XJ ₁₁	1999 01	15.54906	06 47	04.84	+26 49	09.4			411
1998 XP ₉	1999 01	06.74931	03 58	38.14	+22 19	26.1	120	1998 XJ ₁₁	1999 01	15.56175	06 47	04.17	+26 49	12.7			411
1998 XQ ₉	1999 01	05.77232	03 58	36.84	+17 16	01.6	120	1998 XJ ₁₁	1999 01	16.19587	06 46	31.32	+26 51	50.6	17.8		704
1998 XQ ₉	1999 01	05.79953	03 58	36.45	+17 15	09.9	120	1998 XJ ₁₁	1999 01	16.21783	06 46	30.17	+26 51	59.1	18.7		704
1998 XQ ₉	1999 01	06.77682	03 58	22.86	+17 15	03.7	120	1998 XJ ₁₁	1999 01	16.23981	06 46	28.99	+26 52	02.6	18.5		704
1998 XQ ₉	1999 01	06.79441	03 58	22.52	+17 15	02.5	120	1998 XJ ₁₁	1999 01	16.26189	06 46	27.80	+26 52	08.3	18.6		704
1998 XQ ₉	1999 01	06.83785	03 58	21.95	+17 15	00.9	120	1998 XJ ₁₁	1999 01	19.19598	06 43	59.71	+27 03	51.7	18.1		704
1998 XR ₉	1998 12	08.25557	04 18	40.47	+18 36	36.9	699	1998 XJ ₁₁	1999 01	19.21826	06 43	58.66	+27 03	57.2	18.5		704
1998 XR ₉	1998 12	08.28102	04 18	38.89	+18 36	29.8	699	1998 XJ ₁₁	1999 01	19.26277	06 43	56.34	+27 04	09.3	19.1		704
1998 XR ₉	1998 12	08.30652	04 18	37.35	+18 36	23.7	699	1998 XK ₁₁	1999 01	05.50889	06 50	33.11	+25 25	40.7			411
1998 XR ₉	1999 01	05.77232	03 57	49.26	+17 05	48.1	120	1998 XK ₁₁	1999 01	05.52156	06 50	32.16	+25 25	40.2			411
1998 XR ₉	1999 01	05.79953	03 57	48.71	+17 05	45.1	120	1998 XK ₁₁	1999 01	15.54363	06 39	21.94	+25 15	48.2			411
1998 XR ₉	1999 01	05.82434	03 57	48.03	+17 05	41.9	120	1998 XK ₁₁	1999 01	15.55633	06 39	21.08	+25 15	47.5			411
1998 XR ₉	1999 01	06.77682	03 57	27.79	+17 04	02.3	120	1998 XK ₁₁	1999 01	16.19514	06 38	42.18	+25 14	56.4	18.0		704
1998 XR ₉	1999 01	06.79441	03 57	27.39	+17 04	00.7	120	1998 XK ₁₁	1999 01	16.21710	06 38	40.80	+25 14	53.7			704
1998 XR ₉	1999 01	06.83785	03 57	26.46	+17 03	56.0	120	1998 XK ₁₁	1999 01	16.23907	06 38	39.41	+25 14	54.0	18.2		704
1998 XS ₉	1998 11	11.06368	04 48	16.80	+19 05	21.0	910	1998 XK ₁₁	1999 01	16.26115	06 38	38.00	+25 14	51.0	18.0		704
1998 XS ₉	1998 11	11.08664	04 48	15.48	+19 05	16.9	910	1998 XK ₁₁	1999 01	19.19132	06 35	46.61	+25 10	39.7	17.6		704
1998 XS ₉	1998 11	11.10934	04 48	14.18	+19 05	12.8	910	1998 XK ₁₁	1999 01	19.21360	06 35	45.28	+25 10	38.1	18.3		704
1998 XS ₉	1998 12	08.25557	04 18	45.91	+17 41	53.9	699	1998 XK ₁₁	1999 01	19.23586	06 35	44.03	+25 10	36.1			704
1998 XS ₉	1998 12	08.28102	04 18	44.22	+17 41	49.5	699	1998 XK ₁₁	1999 01	19.25811	06 35	42.61	+25 10	34.5	18.7		704
1998 XS ₉	1998 12	08.30652	04 18	42.54	+17 41	45.9	699	1998 XK ₁₁	1999 01	19.28033	06 35	41.38	+25 10	31.6	18.3		704
1998 XS ₉	1999 0																

1998 XE ₁₂	1999 01	08.18640	03 11 47.13	+25 40 16.7		658	1998 XG ₁₆	1998 12	30.58397	05 24 27.74	+46 08 49.0		327
1998 XE ₁₂	1999 01	08.19433	03 11 46.89	+25 40 09.7		658	1998 XG ₁₆	1999 01	09.23809	05 07 45.02	+47 45 11.0	17.3	704
1998 XH ₁₂	1999 01	05.15743	03 36 08.83	+19 38 52.7	18.4 R	699	1998 XG ₁₆	1999 01	09.24860	05 07 44.02	+47 45 15.9	17.8	704
1998 XH ₁₂	1999 01	05.17906	03 36 08.37	+19 38 55.1		699	1998 XG ₁₆	1999 01	09.25943	05 07 43.10	+47 45 21.2	17.8	704
1998 XH ₁₂	1999 01	05.19946	03 36 07.91	+19 38 55.1		699	1998 XG ₁₆	1999 01	09.27015	05 07 41.96	+47 45 25.4	17.7	704
1998 XO ₁₂	1999 01	05.77351	05 25 18.98	+25 04 08.6		557	1998 XG ₁₆	1999 01	09.28084	05 07 40.98	+47 45 30.9	17.7	704
1998 XO ₁₂	1999 01	05.78047	05 25 18.66	+25 04 09.2		557	1998 XJ ₁₆	1999 01	16.09944	06 18 05.80	+30 40 30.4	18.5	704
1998 XO ₁₂	1999 01	05.78514	05 25 18.45	+25 04 09.7		557	1998 XJ ₁₆	1999 01	16.12144	06 18 04.25	+30 40 38.5	18.3	704
1998 XO ₁₂	1999 01	05.78747	05 25 18.34	+25 04 09.9		557	1998 XJ ₁₆	1999 01	16.14418	06 18 03.36	+30 40 46.6	18.6	704
1998 XO ₁₂	1999 01	14.96111	05 20 09.07	+25 17 10.9		557	1998 XJ ₁₆	1999 01	16.16620	06 18 01.62	+30 40 54.7		704
1998 XO ₁₂	1999 01	14.99037	05 20 08.34	+25 17 13.2		557	1998 XJ ₁₆	1999 01	19.09366	06 15 26.32	+30 57 09.4	17.1	704
1998 XS ₁₂	1999 01	05.79343	04 01 01.92	+18 37 15.3	19.2	120	1998 XJ ₁₆	1999 01	19.11568	06 15 25.34	+30 57 17.6	17.9	704
1998 XS ₁₂	1999 01	05.81755	04 01 01.58	+18 37 21.0		120	1998 XJ ₁₆	1999 01	19.13764	06 15 23.98	+30 57 24.9		704
1998 XS ₁₂	1999 01	06.76876	04 00 48.81	+18 41 29.5	18.5	120	1998 XJ ₁₆	1999 01	19.15959	06 15 22.85	+30 57 31.1		704
1998 XS ₁₂	1999 01	06.78567	04 00 48.59	+18 41 35.5		120	1998 XJ ₁₆	1999 01	19.18154	06 15 21.67	+30 57 38.4		704
1998 XS ₁₂	1999 01	06.82858	04 00 47.80	+18 41 47.6		120	1998 XN ₁₆	1999 01	18.20175	06 38 15.37	+20 50 39.7	16.7	704
1998 XU ₁₂	1999 01	05.77495	03 59 02.76	+16 27 28.6	19.0	120	1998 XN ₁₆	1999 01	18.22380	06 38 13.71	+20 50 13.9		704
1998 XU ₁₂	1999 01	05.80203	03 59 02.35	+16 27 27.4		120	1998 XN ₁₆	1999 01	18.24662	06 38 11.84	+20 49 48.7	16.4	704
1998 XU ₁₂	1999 01	06.77921	03 58 47.46	+16 26 07.0	19.0	120	1998 XN ₁₆	1999 01	18.26854	06 38 10.20	+20 49 23.4		704
1998 XU ₁₂	1999 01	06.79728	03 58 47.01	+16 26 03.5		120	1998 XN ₁₆	1999 01	18.29063	06 38 08.66	+20 48 58.9	17.6	704
1998 XU ₁₂	1999 01	06.84029	03 58 46.42	+16 26 00.0		120	1998 XN ₁₆	1999 01	20.19320	06 35 53.67	+20 13 45.6	16.8	704
1998 XV ₁₂	1999 01	05.78631	04 03 31.28	+14 58 45.8	18.5	120	1998 XN ₁₆	1999 01	20.21498	06 35 52.10	+20 13 21.5		704
1998 XV ₁₂	1999 01	05.83975	04 03 30.28	+14 58 51.2		120	1998 XN ₁₆	1999 01	20.23694	06 35 50.57	+20 12 58.2		704
1998 XY ₁₂	1998 12	15.14428	05 03 14.58	+10 42 39.1	18.4 V	825	1998 XN ₁₆	1999 01	20.25880	06 35 48.92	+20 12 33.9		704
1998 XY ₁₂	1998 12	15.15261	05 03 14.14	+10 42 37.3	18.1 V	825	1998 XQ ₁₆	1999 01	16.19849	06 42 08.53	+36 07 53.9	18.0	704
1998 XY ₁₂	1998 12	15.16094	05 03 13.51	+10 42 37.2	18.3 V	825	1998 XQ ₁₆	1999 01	16.22046	06 42 08.49	+36 07 21.6		704
1998 XY ₁₂	1998 12	15.16928	05 03 12.92	+10 42 38.0	18.6 V	825	1998 XQ ₁₆	1999 01	16.24244	06 42 08.43	+36 06 49.1	18.1	704
1998 XZ ₁₂	1999 01	05.20314	06 10 33.67	+20 12 10.0	17.7 R	757	1998 XQ ₁₆	1999 01	16.26448	06 42 08.38	+36 06 17.5	18.0	704
1998 XZ ₁₂	1999 01	05.21329	06 10 33.08	+20 12 09.3	17.5 R	757	1998 XQ ₁₆	1999 01	18.61455	06 42 31.42	+35 08 07.4	17.7 V	402
1998 XZ ₁₂	1999 01	16.12964	06 00 32.92	+19 50 17.3	17.8 R	757	1998 XQ ₁₆	1999 01	18.61595	06 42 31.44	+35 08 05.3		402
1998 XZ ₁₂	1999 01	16.15456	06 00 31.62	+19 50 15.3	17.8 R	757	1998 XQ ₁₆	1999 01	18.61734	06 42 31.44	+35 08 03.1		402
1998 XA ₁₃	1999 01	05.80203	03 59 15.50	+16 42 25.6	18.1	120	1998 XQ ₁₆	1999 01	18.97685	06 42 36.10	+34 59 00.9		104
1998 XA ₁₃	1999 01	05.82769	03 59 15.06	+16 42 27.9		120	1998 XQ ₁₆	1999 01	18.97870	06 42 36.06	+34 58 58.0		104
1998 XE ₁₃	1999 01	14.86070	03 00 20.88	+16 59 59.4	18.9 V	910	1998 XQ ₁₆	1999 01	18.98056	06 42 36.02	+34 58 55.2		104
1998 XE ₁₃	1999 01	14.88397	03 00 21.22	+17 00 02.0	18.7 V	910	1998 XQ ₁₆	1999 01	24.30981	06 44 22.09	+32 44 11.8		658
1998 XE ₁₃	1999 01	14.90709	03 00 21.58	+17 00 04.7	19.1 V	910	1998 XQ ₁₆	1999 01	24.31286	06 44 22.15	+32 44 07.3		658
1998 XY ₁₃	1998 12	08.27464	04 08 18.36	+16 58 18.2	18.6 R	699	1998 XQ ₁₆	1999 01	24.32685	06 44 22.41	+32 43 45.9		658
1998 XY ₁₃	1998 12	08.30015	04 08 16.82	+16 58 13.2		699	1998 XQ ₁₆	1999 01	26.54351	06 45 27.75	+31 47 39.4	18.2 V	402
1998 XY ₁₃	1998 12	08.32564	04 08 15.21	+16 58 08.2		699	1998 XQ ₁₆	1999 01	26.54491	06 45 27.79	+31 47 37.6		402
1998 XZ ₁₃	1998 11	24.21355	04 21 16.75	+16 42 40.1	16.8	704	1998 XQ ₁₆	1999 01	26.54630	06 45 27.76	+31 47 35.3		402
1998 XZ ₁₃	1998 11	24.26153	04 21 13.75	+16 42 38.3	17.6	704	1998 XR ₁₆	1998 12	26.92847	07 02 35.83	+31 42 16.8		130
1998 XZ ₁₃	1998 11	24.31015	04 21 10.71	+16 42 36.4	17.8	704	1998 XR ₁₆	1998 12	26.93576	07 02 36.19	+31 43 06.3		130
1998 XZ ₁₃	1998 11	24.35759	04 21 07.63	+16 42 34.0	17.8	704	1998 XR ₁₆	1998 12	26.95087	07 02 36.82	+31 44 48.1		130
1998 XC ₁₄	1999 01	07.20064	03 48 22.37	+17 00 28.6	17.9 R	699	1998 XR ₁₆	1998 12	26.96076	07 02 37.29	+31 45 54.8		130
1998 XC ₁₄	1999 01	07.22898	03 48 21.80	+17 00 31.5		699	1998 XR ₁₆	1999 01	05.72431	07 19 33.50	+55 31 02.2	15.8 R	540
1998 XC ₁₄	1999 01	07.25447	03 48 21.23	+17 00 33.4		699	1998 XR ₁₆	1999 01	05.72600	07 19 33.81	+55 31 20.3		540
1998 XD ₁₄	1999 01	23.18025	03 45 12.27	+19 00 54.8	19.5 V	691	1998 XR ₁₆	1999 01	05.72736	07 19 34.09	+55 31 35.2		540
1998 XD ₁₄	1999 01	23.20257	03 45 12.33	+19 01 00.8	19.7 V	691	1998 XR ₁₆	1999 01	05.72870	07 19 34.33	+55 31 49.3		540
1998 XD ₁₄	1999 01	23.22492	03 45 12.41	+19 01 07.1	19.8 V	691	1998 XR ₁₆	1999 01	05.75052	07 19 38.60	+55 35 40.9	15.5 R	151
1998 XD ₁₄	1999 01	24.11836	03 45 17.70	+19 05 20.4	19.8 V	691	1998 XR ₁₆	1999 01	05.75492	07 19 39.36	+55 36 28.8	16.0 R	151
1998 XD ₁₄	1999 01	24.14072	03 45 17.83	+19 05 27.7	19.6 V	691	1998 XR ₁₆	1999 01	05.75779	07 19 39.84	+55 36 59.7	15.9 R	151
1998 XD ₁₄	1999 01	24.16334	03 45 17.91	+19 05 33.5	19.6 V	691	1998 XR ₁₆	1999 01	05.76145	07 19 40.64	+55 37 38.2	15.7 R	151
1998 XS ₁₅	1999 01	16.09535	05 50 23.17	+24 01 04.1	17.7	704	1998 XR ₁₆	1999 01	06.14534	07 20 49.34	+56 45 45.4		557
1998 XS ₁₅	1999 01	16.11736	05 50 22.16	+24 01 06.3	18.1	704	1998 XR ₁₆	1999 01	06.14675	07 20 49.61	+56 46 00.2		557
1998 XS ₁₅	1999 01	16.14010	05 50 21.21	+24 01 08.0	18.1	704	1998 XR ₁₆	1999 01	06.15000	07 20 50.24	+56 46 34.3	16.0 V	557
1998 XS ₁₅	1999 01	16.16212	05 50 20.44	+24 01 09.6	18.9	704	1998 XR ₁₆	1999 01	06.77037	07 23 14.02	+58 37 30.4	15.5 R	540
1998 XS ₁₅	1999 01	16.18418	05 50 19.48	+24 01 14.0	19.5	704	1998 XR ₁₆	1999 01	06.77187	07 23 14.31	+58 37 47.3		540
1998 XS ₁₅	1999 01	19.09264	05 48 27.17	+24 04 48.0	17.5	704	1998 XR ₁₆	1999 01	06.77326	07 23 14.67	+58 38 02.4		540
1998 XS ₁₅	1999 01	19.11465	05 48 26.37	+24 04 49.5	17.5	704	1998 XR ₁₆	1999 01	06.77465	07 23 14.95	+58 38 17.6		540
1998 XS ₁₅	1999 01	19.15856	05 48 24.76	+24 04 52.9	18.0	704	1998 XR ₁₆	1999 01	09.62390	07 38 21.71	+67 19 22.2	15.8 V	355
1998 XS ₁₅	1999 01	19.18051	05 48 23.79	+24 04 55.0	18.0	704	1998 XR ₁₆	1999 01	09.62510	07 38 22.16	+67 19 35.9		355
1998 XS ₁₅	1999 01	20.21046	05 47 47.03	+24 06 05.8	19.3	704	1998 XR ₁₆	1999 01	09.62760	07 38 23.21	+67 20 03.2		355
1998 XS ₁₅	1999 01	20.23244	05 47 46.25	+24 06 10.1	18.2	704	1998 XR ₁₆	1999 01	13.44970	08 32 36.62	+78 34 20.6	16.8	704
1998 XS ₁₅	1999 01	20.25429	05 47 45.41	+24 06 10.5	17.8	704	1998 XR ₁₆	1999 01	13.46078	08 32 53.91	+78 36 07.1		704
1998 XS ₁₅	1999 01	20.27684	05 47 44.52	+24 06 12.6	17.8	704	1998 XR ₁₆	1999 01	13.47191	08 33 11.84	+78 37 54.1	17.1	704
1998 XS ₁₅	1999 01	20.85159	05 47 24.93	+24 06 52.9	17.1 R	046	1998 XR ₁₆	1999 01	13.48293	08 33 28.84	+78 39 39.1	17.0	704
1998 XS ₁₅	1999 01	20.85365	05 47 24.85	+24 06 53.1		046	1998 XR ₁₆	1999 01	13.49392	08 33 28.67	+78 41 23.5		704
1998 XS ₁₅	1999 01	20.85725	05 47 24.73	+24 06 53.3		046	1998 XR						

1998 XU ₁₆	1999 01	19.89069	08 42 49.43	+28 35 29.3	120	1998 XR ₂₀	1999 01	07.38233	08 09 27.57	+18 40 30.8	18.2 V	691	
1998 XU ₁₆	1999 01	20.78856	08 42 03.70	+28 40 57.2	18.2	120	1998 XR ₂₀	1999 01	07.40446	08 09 26.42	+18 40 33.9	18.2 V	691
1998 XU ₁₆	1999 01	20.79148	08 42 03.68	+28 40 58.2	18.2	120	1998 XR ₂₀	1999 01	07.42669	08 09 25.24	+18 40 36.7	18.2 V	691
1998 XU ₁₆	1999 01	20.81270	08 42 02.48	+28 41 06.3	120	120	1998 XU ₂₀	1999 01	18.50427	08 00 38.92	+20 53 12.5	17.3 V	376
1998 XU ₁₆	1999 01	20.81564	08 42 02.42	+28 41 07.1	120	120	1998 XU ₂₀	1999 01	18.51077	08 00 38.48	+20 53 15.1		376
1998 XU ₁₆	1999 01	16.88229	08 25 36.70	+22 29 35.9	17.8	120	1998 XU ₂₀	1999 01	20.51213	07 58 32.25	+21 03 02.1	18.0 V	376
1998 XU ₁₆	1999 01	16.89731	08 25 35.83	+22 29 39.1	120	120	1998 XU ₂₀	1999 01	20.51880	07 58 31.80	+21 03 03.4		376
1998 XU ₁₆	1999 01	16.91037	08 25 35.15	+22 29 41.7	120	120	1998 XV ₂₀	1999 01	17.77824	07 35 33.10	+19 48 57.0	18.5	120
1998 XU ₁₆	1999 01	19.86630	08 22 53.59	+22 39 21.0	17.6	120	1998 XV ₂₀	1999 01	17.79822	07 35 31.81	+19 49 00.0		120
1998 XU ₁₆	1999 01	19.88299	08 22 52.64	+22 39 24.5	120	120	1998 XV ₂₀	1999 01	17.81921	07 35 30.51	+19 49 04.7		120
1998 XU ₁₆	1999 01	21.88126	08 21 02.06	+22 45 46.5	17.7	120	1998 XV ₂₀	1999 01	19.81314	07 33 26.92	+19 53 12.2	18.4	120
1998 XU ₁₆	1999 01	21.89652	08 21 01.20	+22 45 49.3	120	120	1998 XV ₂₀	1999 01	19.84953	07 33 24.62	+19 53 17.3		120
1998 XU ₁₆	1999 01	22.80997	08 20 10.57	+22 48 40.5	17.4	120	1998 XB ₂₁	1999 01	19.81314	07 33 05.29	+19 53 24.1	18.6	120
1998 XU ₁₆	1999 01	22.83480	08 20 09.13	+22 48 45.2	120	120	1998 XB ₂₁	1999 01	19.83207	07 33 04.07	+19 53 22.8		120
1998 XU ₁₆	1999 01	25.78174	08 17 25.11	+22 57 40.1	17.5	120	1998 XB ₂₁	1999 01	19.84953	07 33 02.74	+19 53 23.1		120
1998 XU ₁₆	1999 01	25.80903	08 17 23.57	+22 57 45.5	120	120	1998 XD ₂₁	1999 01	16.79464	07 39 07.21	+21 12 11.6	18.0	120
1998 XY ₁₆	1999 01	14.92862	07 46 57.53	+14 49 47.6	18.1	120	1998 XD ₂₁	1999 01	17.78064	07 37 57.83	+21 16 19.1	18.2	120
1998 XY ₁₆	1999 01	14.94348	07 46 56.74	+14 49 50.5	120	120	1998 XD ₂₁	1999 01	17.80079	07 37 56.41	+21 16 24.5		120
1998 XY ₁₆	1999 01	15.79482	07 46 14.10	+14 52 29.0	18.2	120	1998 XD ₂₁	1999 01	19.78774	07 35 37.41	+21 24 35.4	18.0	120
1998 XY ₁₆	1999 01	15.82285	07 46 12.62	+14 52 33.8	120	120	1998 XD ₂₁	1999 01	19.81031	07 35 35.86	+21 24 41.6		120
1998 XZ ₁₆	1998 11	21.47116	08 20 09.14	+19 17 10.6	20.1 V	691	1998 XD ₂₁	1999 01	19.82925	07 35 34.47	+21 24 46.1		120
1998 XZ ₁₆	1998 11	21.49411	08 20 09.72	+19 17 12.0	20.0 V	691	1998 XD ₂₁	1999 01	21.83786	07 33 15.81	+21 32 50.7	18.3	120
1998 XZ ₁₆	1998 11	21.51631	08 20 10.29	+19 17 14.1	19.9 V	691	1998 XD ₂₁	1999 01	21.86330	07 33 14.01	+21 32 57.0		120
1998 XZ ₁₆	1998 11	26.41863	08 22 00.90	+19 25 10.9	19.8 V	691	1998 XD ₂₁	1999 01	22.80111	07 32 10.12	+21 36 39.8	18.2	120
1998 XZ ₁₆	1998 11	26.44167	08 22 01.26	+19 25 13.7	19.7 V	691	1998 XD ₂₁	1999 01	24.75900	07 29 58.99	+21 44 09.5	18.2	120
1998 XZ ₁₆	1998 11	26.46467	08 22 01.62	+19 25 16.7	19.8 V	691	1998 XD ₂₁	1999 01	24.78236	07 29 57.46	+21 44 15.7		120
1998 XZ ₁₆	1998 12	11.41419	08 22 58.45	+20 11 01.1	19.5 V	691	1998 XD ₂₁	1999 01	24.80745	07 29 55.71	+21 44 20.9		120
1998 XZ ₁₆	1998 12	11.43633	08 22 58.14	+20 11 06.8	19.3 V	691	1998 XN ₂₁	1999 01	05.85804	08 11 33.33	+19 53 27.4	18.0	120
1998 XZ ₁₆	1998 12	11.45858	08 22 57.86	+20 11 12.3	19.4 V	691	1998 XN ₂₁	1999 01	05.87948	08 11 32.22	+19 53 31.9		120
1998 XZ ₁₆	1999 01	12.91554	08 01 09.28	+23 24 02.8	557	557	1998 XN ₂₁	1999 01	05.90247	08 11 31.16	+19 53 36.8		120
1998 XZ ₁₆	1999 01	12.91752	08 01 09.14	+23 24 03.9	557	557	1998 XN ₂₁	1999 01	06.92350	08 10 41.39	+19 57 06.8	18.2	120
1998 XZ ₁₆	1999 01	12.91950	08 01 09.01	+23 24 04.4	557	557	1998 XN ₂₁	1999 01	06.94341	08 10 40.35	+19 57 11.2		120
1998 XZ ₁₆	1999 01	17.83171	07 56 00.99	+23 56 21.6	18.8 V	557	1998 XN ₂₁	1999 01	06.99517	08 10 37.75	+19 57 22.3		120
1998 XZ ₁₆	1999 01	17.83663	07 56 00.64	+23 56 23.6	557	557	1998 XN ₂₁	1999 01	08.18817	08 09 38.84	+20 01 29.6	17.5 V	691
1998 XZ ₁₆	1999 01	17.84147	07 56 00.37	+23 56 25.4	557	557	1998 XN ₂₁	1999 01	08.21035	08 09 37.70	+20 01 34.2	17.9 V	691
1998 XC ₁₇	1999 01	05.77495	03 59 39.37	+16 26 27.5	19.2	120	1998 XN ₂₁	1999 01	08.23270	08 09 36.54	+20 01 39.1	17.7 V	691
1998 XC ₁₇	1999 01	05.82769	03 59 38.38	+16 26 30.6	120	120	1998 XN ₂₁	1999 01	15.87354	08 03 02.90	+20 28 18.8	17.9	120
1998 XE ₁₇	1999 01	07.20573	04 11 14.47	+15 53 26.9	18.4 R	699	1998 XT ₂₁	1999 01	05.84686	07 49 56.95	+19 42 33.9	18.1	120
1998 XE ₁₇	1999 01	07.23407	04 11 13.89	+15 53 26.9	699	699	1998 XT ₂₁	1999 01	05.86690	07 49 55.77	+19 42 35.6		120
1998 XE ₁₇	1999 01	07.25957	04 11 13.26	+15 53 27.9	699	699	1998 XT ₂₁	1999 01	05.89038	07 49 54.38	+19 42 37.6		120
1998 XG ₁₇	1999 01	05.16124	03 53 29.18	+19 39 40.5	18.3 R	699	1998 XT ₂₁	1999 01	06.87395	07 48 57.82	+19 44 04.7	18.1	120
1998 XG ₁₇	1999 01	05.18288	03 53 28.65	+19 39 43.0	699	699	1998 XT ₂₁	1999 01	06.88459	07 48 57.12	+19 44 06.0		120
1998 XG ₁₇	1999 01	05.20329	03 53 28.25	+19 39 43.7	699	699	1998 XT ₂₁	1999 01	06.91079	07 48 55.52	+19 44 08.4		120
1998 XG ₁₇	1999 01	19.77774	03 52 07.90	+20 07 59.9	18.7	132	1998 XT ₂₁	1999 01	16.79233	07 39 05.81	+19 59 11.9	18.0	120
1998 XG ₁₇	1999 01	19.80537	03 52 08.02	+20 08 05.2	18.6	132	1998 XT ₂₁	1999 01	16.81233	07 39 04.55	+19 59 13.7		120
1998 XG ₁₇	1999 01	19.83351	03 52 08.17	+20 08 10.3	132	132	1998 XQ ₂₃	1998 12	25.47863	03 36 40.68	+19 00 56.4		327
1998 XK ₁₇	1999 01	16.20604	07 16 52.78	+26 19 30.9	18.0	704	1998 XQ ₂₃	1998 12	25.50454	03 36 40.08	+19 00 52.2	19.0	327
1998 XK ₁₇	1999 01	16.25009	07 16 49.49	+26 19 28.0	18.6	704	1998 XQ ₂₃	1998 12	25.52903	03 36 39.56	+19 00 48.8		327
1998 XK ₁₇	1999 01	16.27200	07 16 47.90	+26 19 26.3	18.8	704	1998 XQ ₂₃	1999 01	17.16378	03 35 39.56	+18 26 57.2	20.0 V	691
1998 XK ₁₇	1999 01	19.20207	07 13 20.98	+26 15 33.6	18.7	704	1998 XQ ₂₃	1999 01	17.18544	03 35 39.88	+18 26 56.6	19.6 V	691
1998 XK ₁₇	1999 01	19.22449	07 13 19.29	+26 15 33.6	18.9	704	1998 XQ ₂₃	1999 01	17.20734	03 35 40.20	+18 26 56.4	19.6 V	691
1998 XK ₁₇	1999 01	19.24662	07 13 17.83	+26 15 31.8	18.8	704	1998 XQ ₂₃	1999 01	23.10789	03 37 39.56	+18 27 14.1	19.4 V	691
1998 XK ₁₇	1999 01	19.26892	07 13 16.17	+26 15 29.4	18.3	704	1998 XQ ₂₃	1999 01	23.13010	03 37 40.10	+18 27 14.6	19.7 V	691
1998 XK ₁₇	1999 01	19.29105	07 13 14.51	+26 15 28.4	19.0	704	1998 XQ ₂₃	1999 01	23.15233	03 37 40.59	+18 27 14.8	19.7 V	691
1998 XL ₁₇	1999 01	14.97146	07 21 46.46	+30 20 42.8	17.4	132	1998 XZ ₂₃	1998 12	22.88870	08 04 57.46	+17 19 48.3	17.8	120
1998 XL ₁₇	1999 01	14.99950	07 21 44.42	+30 20 49.4	17.3	132	1998 XZ ₂₃	1998 12	22.93132	08 04 55.09	+17 19 17.6		120
1998 XL ₁₇	1999 01	15.02767	07 21 42.46	+30 20 55.5	17.9	132	1998 XZ ₂₃	1998 12	22.96755	08 04 53.18	+17 18 52.9		120
1998 XL ₁₇	1999 01	16.20939	07 20 21.91	+30 25 19.1	18.5	704	1998 XZ ₂₃	1999 01	18.31138	07 34 20.96	+12 15 25.6	17.5	704
1998 XL ₁₇	1999 01	16.23135	07 20 20.41	+30 25 24.3	18.6	704	1998 XZ ₂₃	1999 01	18.33341	07 34 19.38	+12 15 15.3	18.6	704
1998 XL ₁₇	1999 01	16.25343	07 20 18.79	+30 25 30.1	18.9	704	1998 XZ ₂₃	1999 01	18.35711	07 34 17.39	+12 14 58.2	17.4	704
1998 XL ₁₇	1999 01	16.27536	07 20 17.27	+30 25 35.5	19.0	704	1998 XZ ₂₃	1999 01	18.37922	07 34 15.68	+12 14 43.3	18.0	704
1998 XN ₁₇	1999 01	08.25516	04 41 51.15	+34 16 26.5	658	658	1998 XZ ₂₃	1999 01	18.40126	07 34 14.05	+12 14 28.9	17.7	704
1998 XN ₁₇	1999 01	08.25877	04 41 50.76	+34 16 29.2	658	658	1998 XD ₂₄	1999 01	06.39789	07 56 04.64	+21 29 15.2	17.8 R	699
1998 XN ₁₇	1999 01	08.26258	04 41 50.35	+34 16 32.3	658	658	1998 XD ₂₄	1999 01	06.41841	07 56 03.11	+21 29 22.4		699
1998 XS ₁₇	1998 12	28.62326	06 42 28.46	+15 23 53.4	18.6 V	402	1998 XD ₂₄	1999 01	06.44954	07 56 01.09	+21 29 30.9		699
1998 XS ₁₇	1998 12	28.62535	06 42 28.37	+15 23 52.3	402	402	1998 XG ₂₄	1999 01	18.31486	07 50 54.68	+18 37 26.3	16.9	704
1998 XS ₁₇	1998 12	28.62743	06 42 28.33	+15 23 52.2	402	402	1998 XG ₂₄	1999 01	18.33753	07 50 53.41	+18 37 24.		

1998 XU ₂₈	1998 12 13.65580	03 51 04.17	+20 23 43.7	327	1998 XJ ₄₀	1999 01 16.08368	05 27 36.18	+33 15 27.0	19.2	704	
1998 XU ₂₈	1998 12 13.65943	03 51 04.00	+20 23 43.2	327	1998 XJ ₄₀	1999 01 16.12771	05 27 34.44	+33 15 20.0	19.7	704	
1998 XU ₂₈	1998 12 13.66307	03 51 03.84	+20 23 42.6	327	1998 XJ ₄₀	1999 01 16.17251	05 27 32.59	+33 15 14.4	18.4	704	
1998 XM ₂₉	1999 01 21.78116	03 49 44.68	+27 58 20.3	18.0 R	046	1998 XJ ₄₀	1999 01 19.07862	05 25 46.38	+33 08 03.6	18.3	704
1998 XM ₂₉	1999 01 21.78492	03 49 44.69	+27 58 20.0	046	1998 XJ ₄₀	1999 01 19.10056	05 25 45.57	+33 08 00.8	17.6	704	
1998 XM ₂₉	1999 01 21.78855	03 49 44.76	+27 58 18.5	046	1998 XJ ₄₀	1999 01 19.12259	05 25 44.73	+33 07 56.1	17.6	704	
1998 XM ₂₉	1999 01 21.79065	03 49 44.78	+27 58 18.0	046	1998 XJ ₄₀	1999 01 19.14453	05 25 44.00	+33 07 52.8	17.6	704	
1998 XX ₃₀	1999 01 06.28013	03 55 32.88	+26 41 24.6	17.3 R	699	1998 XJ ₄₀	1999 01 19.16649	05 25 43.17	+33 07 50.7	17.6	704
1998 XX ₃₀	1999 01 06.30054	03 55 32.38	+26 41 22.2	699	1998 XM ₄₀	1999 01 16.08747	05 32 36.74	+23 44 03.3	17.7	704	
1998 XX ₃₀	1999 01 06.32104	03 55 31.85	+26 41 19.6	699	1998 XM ₄₀	1999 01 16.10949	05 32 35.92	+23 43 55.6	18.0	704	
1998 XL ₃₁	1999 01 06.28140	04 05 29.68	+24 49 50.1	18.1 R	699	1998 XM ₄₀	1999 01 16.13150	05 32 35.18	+23 43 46.5	18.4	704
1998 XL ₃₁	1999 01 06.30183	04 05 28.91	+24 49 50.3	699	1998 XM ₄₀	1999 01 16.15425	05 32 34.30	+23 43 37.2	18.4	704	
1998 XL ₃₁	1999 01 06.32233	04 05 28.25	+24 49 51.3	699	1998 XM ₄₀	1999 01 16.17630	05 32 33.51	+23 43 28.9	18.6	704	
1998 XS ₃₁	1998 12 11.30935	04 17 46.17	+21 49 24.7	17.7 R	699	1998 XM ₄₀	1999 01 19.08710	05 31 02.75	+23 25 06.7	18.2	704
1998 XS ₃₁	1998 12 11.33227	04 17 45.37	+21 49 21.6	699	1998 XM ₄₀	1999 01 19.10905	05 31 02.04	+23 24 57.8	19.1	704	
1998 XS ₃₁	1998 12 11.35519	04 17 44.57	+21 49 17.7	699	1998 XM ₄₀	1999 01 19.13108	05 31 01.49	+23 24 48.8	18.3	704	
1998 XS ₃₁	1999 01 05.14723	04 06 35.80	+21 00 01.9	19.0 R	699	1998 XM ₄₀	1999 01 19.15301	05 31 00.79	+23 24 41.7	18.3	704
1998 XS ₃₁	1999 01 05.16760	04 06 35.51	+20 59 59.1	699	1998 XM ₄₀	1999 01 19.17498	05 30 59.97	+23 24 32.2	18.4	704	
1998 XS ₃₁	1999 01 05.18926	04 06 35.05	+20 59 55.5	699	1998 XR ₄₀	1999 01 16.09097	05 45 16.26	+27 43 02.8	18.0	704	
1998 XO ₃₂	1998 12 09.66595	04 49 47.97	+24 18 44.5	327	1998 XR ₄₀	1999 01 16.11299	05 45 15.38	+27 43 04.7	18.0	704	
1998 XO ₃₂	1998 12 09.67894	04 49 47.05	+24 18 42.1	327	1998 XR ₄₀	1999 01 16.13574	05 45 14.44	+27 43 07.0	18.0	704	
1998 XO ₃₂	1998 12 09.69105	04 49 46.16	+24 18 39.7	18.7	327	1998 XR ₄₀	1999 01 16.15776	05 45 13.54	+27 43 08.7	18.4	704
1998 XU ₃₂	1998 12 09.61953	04 55 02.62	+28 52 11.4	17.0	327	1998 XR ₄₀	1999 01 19.07966	05 43 28.77	+27 46 44.4	18.1	704
1998 XU ₃₂	1998 12 09.63182	04 55 01.71	+28 52 08.5	327	1998 XR ₄₀	1999 01 19.10160	05 43 28.06	+27 46 46.6	18.1	704	
1998 XU ₃₂	1998 12 09.64412	04 55 00.81	+28 52 05.5	327	1998 XR ₄₀	1999 01 19.12363	05 43 27.18	+27 46 47.5	18.2	704	
1998 XZ ₃₂	1999 01 03.51247	04 38 53.93	+37 37 06.8	17	411	1998 XR ₄₀	1999 01 19.14557	05 43 26.43	+27 46 48.4	18.1	704
1998 XZ ₃₂	1999 01 03.52758	04 38 53.25	+37 37 02.9	411	1998 XR ₄₀	1999 01 19.16754	05 43 25.75	+27 46 48.0	18.1	704	
1998 XZ ₃₂	1999 01 08.24940	04 35 56.51	+37 18 01.3	18.3	704	1998 XU ₄₀	1999 01 16.08616	05 32 24.49	+33 44 46.6	17.4	704
1998 XZ ₃₂	1999 01 08.26357	04 35 56.02	+37 17 55.3	18.3	704	1998 XU ₄₀	1999 01 16.10818	05 32 23.51	+33 44 51.3	17.7	704
1998 XZ ₃₂	1999 01 08.27802	04 35 55.53	+37 17 53.6	18.5	704	1998 XU ₄₀	1999 01 16.13019	05 32 22.52	+33 44 55.7	18.5	704
1998 XZ ₃₂	1999 01 08.29228	04 35 54.88	+37 17 49.8	18.5	704	1998 XU ₄₀	1999 01 16.15294	05 32 21.41	+33 45 00.0	18.2	704
1998 XZ ₃₂	1999 01 08.30368	04 35 54.47	+37 17 45.4	18.5	704	1998 XU ₄₀	1999 01 16.17499	05 32 20.63	+33 45 04.2	18.2	704
1998 XA ₃₃	1999 01 03.50878	04 38 46.68	+36 28 39.4	16.5	411	1998 XU ₄₀	1999 01 19.08039	05 30 29.42	+33 53 48.9	17.8	704
1998 XA ₃₃	1999 01 03.52388	04 38 45.99	+36 28 35.2	411	1998 XU ₄₀	1999 01 19.10234	05 30 28.59	+33 53 52.6	18.1	704	
1998 XA ₃₃	1999 01 08.24933	04 35 59.08	+36 09 37.6	18.5	704	1998 XU ₄₀	1999 01 19.12436	05 30 27.85	+33 53 56.1	17.9	704
1998 XA ₃₃	1999 01 08.27795	04 35 58.18	+36 09 28.6	18.1	704	1998 XU ₄₀	1999 01 19.14630	05 30 27.08	+33 54 00.6	17.9	704
1998 XA ₃₃	1999 01 08.29217	04 35 57.81	+36 09 26.2	18.1	704	1998 XU ₄₀	1999 01 19.16827	05 30 26.20	+33 54 04.1	18.2	704
1998 XA ₃₃	1999 01 08.30357	04 35 57.18	+36 09 22.1	18.1	704	1998 XZ ₄₀	1999 01 16.08383	05 32 04.05	+34 57 30.4	17.6	704
1998 XX ₃₃	1999 01 05.08118	04 31 00.74	+23 07 11.2	17.2 R	747	1998 XZ ₄₀	1999 01 16.10584	05 32 03.32	+34 57 27.3	18.1	704
1998 XX ₃₃	1999 01 05.08852	04 31 00.55	+23 07 11.6	17.3 R	747	1998 XZ ₄₀	1999 01 16.12786	05 32 02.26	+34 57 24.7	19.3	704
1998 XX ₃₃	1999 01 05.10377	04 31 00.19	+23 07 11.9	17.1 R	747	1998 XZ ₄₀	1999 01 16.15061	05 32 01.53	+34 57 22.2	19.7	704
1998 XX ₃₃	1999 01 06.02060	04 30 41.35	+23 07 45.2	16.6 R	747	1998 XZ ₄₀	1999 01 19.07877	05 30 24.37	+34 49 27.2	17.6	704
1998 XX ₃₃	1999 01 06.03490	04 30 41.04	+23 07 45.8	16.6 R	747	1998 XZ ₄₀	1999 01 19.10071	05 30 23.63	+34 49 25.8	17.7	704
1998 XX ₃₃	1999 01 06.04722	04 30 40.81	+23 07 46.3	16.4 R	747	1998 XZ ₄₀	1999 01 19.12273	05 30 22.90	+34 49 19.9	17.7	704
1998 XX ₃₃	1999 01 06.06926	04 30 40.27	+23 07 47.5	16.5 R	747	1998 XZ ₄₀	1999 01 19.14468	05 30 22.15	+34 49 16.5	17.6	704
1998 XG ₃₆	1999 01 11.24393	04 58 23.50	+26 49 00.7	18.6	704	1998 XZ ₄₀	1999 01 19.16664	05 30 21.48	+34 49 13.6	17.6	704
1998 XG ₃₆	1999 01 11.26521	04 58 22.64	+26 49 05.1	18.1	704	1998 XC ₄₁	1998 12 09.56558	06 00 35.13	+41 12 00.0	18.6	327
1998 XG ₃₆	1999 01 11.27585	04 58 22.31	+26 49 05.2	18.1	704	1998 XC ₄₁	1998 12 09.56922	06 00 34.78	+41 11 59.8	327	
1998 XG ₃₆	1999 01 11.28636	04 58 21.80	+26 49 05.2	18.1	704	1998 XC ₄₁	1998 12 09.57287	06 00 34.55	+41 12 00.0	327	
1998 XX ₃₇	1998 12 16.19949	05 31 07.45	+23 20 49.8	18.0	704	1998 XC ₄₁	1998 12 18.65200	05 49 47.56	+41 04 07.2	327	
1998 XX ₃₇	1998 12 16.24732	05 31 04.70	+23 20 40.2	18.7	704	1998 XC ₄₁	1998 12 18.66462	05 49 46.61	+41 04 05.5	18.7	327
1998 XX ₃₇	1998 12 16.34881	05 30 59.03	+23 20 21.3	18.6	704	1998 XC ₄₁	1998 12 18.67821	05 49 45.64	+41 04 03.9	327	
1998 XX ₃₇	1998 12 16.39669	05 30 56.25	+23 20 11.9	18.9	704	1998 XO ₄₁	1999 01 16.08586	05 43 29.85	+35 41 17.9	18.1	704
1998 XX ₃₇	1998 12 22.18283	05 25 43.39	+23 01 13.0	18.2	704	1998 XO ₄₁	1999 01 16.10788	05 43 28.94	+35 41 14.4	18.0	704
1998 XX ₃₇	1998 12 22.20573	05 25 42.03	+23 01 09.1	17.6	704	1998 XO ₄₁	1999 01 16.12989	05 43 28.02	+35 41 10.7	18.0	704
1998 XX ₃₇	1998 12 22.22841	05 25 40.86	+23 01 04.5	18.0	704	1998 XO ₄₁	1999 01 16.15265	05 43 27.11	+35 41 05.9	17.9	704
1998 XX ₃₇	1998 12 22.25108	05 25 39.61	+23 01 01.5	17.5	704	1998 XO ₄₁	1999 01 16.17470	05 43 26.11	+35 41 01.7	17.9	704
1998 XX ₃₇	1998 12 22.27394	05 25 38.34	+23 00 57.2	17.6	704	1998 XO ₄₁	1999 01 19.08199	05 41 40.83	+35 31 18.5	18.3	704
1998 XK ₃₈	1998 12 16.19763	05 39 28.54	+29 52 23.9	17.8	704	1998 XO ₄₁	1999 01 19.10394	05 41 40.23	+35 31 14.1	18.3	704
1998 XK ₃₈	1998 12 16.24547	05 39 25.58	+29 52 08.5	18.1	704	1998 XO ₄₁	1999 01 19.14789	05 41 38.44	+35 31 05.5	17.8	704
1998 XK ₃₈	1998 12 16.29914	05 39 22.23	+29 51 51.1	18.3	704	1998 XO ₄₁	1999 01 19.16987	05 41 37.66	+35 31 01.3	17.8	704
1998 XK ₃₈	1998 12 16.34696	05 39 19.25	+29 51 36.7	704	1998 XS ₄₁	1999 01 16.08980	05 44 28.88	+28 06 36.9	18.6	704	
1998 XK ₃₈	1998 12 16.39484	05 39 16.29	+29 51 20.2	704	1998 XS ₄₁	1999 01 16.11182	05 44 27.79	+28 06 28.7	18.6	704	
1998 XG ₃₉	1998 12 16.20393	05 40 35.54	+23 15 48.0	18.3	704	1998 XS ₄₁	1999 01 16.13384	05 44 26.83	+28 06 19.5	18.6	704
1998 XG ₃₉	1998 12 16.25178	05 40 32.91	+23 15 39.1	18.8	704	1998 XS ₄₁	1999 01 16.15658	05 44 25.85	+28 06 13.5	18.6	704
1998 XG ₃₉	1998 12 16.30545	05 40 29.80	+23 15 32.4	18.5	704	1998 XS ₄₁	1999 01 16.17863	05 44 24.87	+28 06 04.7	19.1	704
1998 XG ₃₉	1998 12 16.35326	05 40 27.07	+23 15 26.0	18.7	704	1998 XS ₄₁	1999 01 19.07966	05 42 32.86	+27 48 20.5	18.3	704
1998 XG ₃₉	1998 12 16.40114	05 40 24.30	+23 15 18.9	18.5	704	1998 XS ₄₁	1999 01 19.10160	05 42 32.08	+27 48 11.8	18.3	704
1998 XG ₃₉	1998 12 22.18781	05 35 06.30	+23 02 03.1	18.0	704	1998 XS ₄₁	1999 01 19.14557	05 42 30.37	+27 47 55.2	18.3	704
1998 XG ₃₉	1998 12 22.21070	05 35 05.08	+23 01 59.4	18.0	704	1998 XS ₄₁	1999 01 19.16754	05 42 29.68	+27 47 45.5	18.3	704
1998 XG ₃₉	1998 12 22.23338	05 35 03.83									

1998 XU ₄₂	1999 01	19.17279	05 47 56.94	+32 41 03.3	17.3	704	1998 XX ₄₆	1999 01	16.19164	06 11 22.26	+24 36 52.9	18.3	704
1998 XZ ₄₃	1999 01	16.08630	05 30 21.21	+32 23 52.7	17.8	704	1998 XX ₄₆	1999 01	16.19410	06 11 22.00	+24 36 53.0	17.9	737
1998 XZ ₄₃	1999 01	16.10833	05 30 20.32	+32 23 56.2	17.8	704	1998 XX ₄₆	1999 01	16.21361	06 11 21.08	+24 36 48.6	17.9	704
1998 XZ ₄₃	1999 01	16.13034	05 30 19.45	+32 23 58.8	17.9	704	1998 XX ₄₆	1999 01	16.23558	06 11 19.94	+24 36 44.3	18.9	704
1998 XZ ₄₃	1999 01	16.15309	05 30 18.39	+32 23 59.2	17.4	704	1998 XX ₄₆	1999 01	16.25766	06 11 18.77	+24 36 40.0	19.0	704
1998 XZ ₄₃	1999 01	16.17514	05 30 17.46	+32 24 02.8	17.4	704	1998 XX ₄₆	1999 01	17.17535	06 10 30.32	+24 33 48.8	18.1	737
1998 XZ ₄₃	1999 01	19.10042	05 28 24.57	+32 29 14.3	17.7	704	1998 XX ₄₆	1999 01	17.18993	06 10 29.69	+24 33 44.9	17.7	737
1998 XZ ₄₃	1999 01	19.12244	05 28 23.79	+32 29 15.4	17.7	704	1998 XX ₄₆	1999 01	19.09744	06 08 53.12	+24 27 43.0	18.5	704
1998 XZ ₄₃	1999 01	19.14438	05 28 22.98	+32 29 17.8	17.7	704	1998 XX ₄₆	1999 01	19.11947	06 08 51.84	+24 27 38.9	17.7	704
1998 XZ ₄₃	1999 01	19.16635	05 28 22.01	+32 29 18.1	18.1	704	1998 XX ₄₆	1999 01	19.16337	06 08 49.69	+24 27 28.8	19.0	704
1998 XF ₄₄	1999 01	16.08616	05 33 49.20	+33 29 52.4	18.9	704	1998 XA ₄₇	1999 01	16.19281	06 20 31.88	+23 43 17.0	18.0	704
1998 XF ₄₄	1999 01	16.10818	05 33 48.11	+33 29 49.0	18.6	704	1998 XA ₄₇	1999 01	16.21478	06 20 30.59	+23 43 12.7	17.7	704
1998 XF ₄₄	1999 01	16.13019	05 33 47.30	+33 29 48.2	18.6	704	1998 XA ₄₇	1999 01	16.23674	06 20 29.49	+23 43 08.4	18.3	704
1998 XF ₄₄	1999 01	16.17499	05 33 45.43	+33 29 40.2	18.8	704	1998 XA ₄₇	1999 01	16.25883	06 20 28.15	+23 43 04.2	18.1	704
1998 XF ₄₄	1999 01	19.08039	05 31 58.87	+33 22 33.6	17.6	704	1998 XA ₄₇	1999 01	19.21243	06 18 08.34	+23 33 45.1	17.7	704
1998 XF ₄₄	1999 01	19.10234	05 31 58.20	+33 22 31.7	18.1	704	1998 XA ₄₇	1999 01	19.23470	06 18 07.18	+23 33 41.6	17.7	704
1998 XF ₄₄	1999 01	19.12436	05 31 57.18	+33 22 27.2	18.0	704	1998 XA ₄₇	1999 01	19.25694	06 18 06.08	+23 33 38.7	18.7	704
1998 XF ₄₄	1999 01	19.14630	05 31 56.48	+33 22 23.5	18.0	704	1998 XA ₄₇	1999 01	19.27916	06 18 05.04	+23 33 34.2	18.7	704
1998 XF ₄₄	1999 01	19.16827	05 31 55.66	+33 22 20.6	18.2	704	1998 XA ₄₇	1999 01	21.11334	06 16 47.83	+23 27 45.3	17.6	R 757
1998 XK ₄₄	1999 01	16.08878	05 44 19.56	+34 47 24.8	19.0	704	1998 XA ₄₇	1999 01	21.13959	06 16 46.77	+23 27 41.8	17.8	R 757
1998 XK ₄₄	1999 01	16.11080	05 44 18.31	+34 47 24.8	18.4	704	1998 XA ₄₇	1999 01	25.07270	06 16 26.89	+23 15 23.6	17.2	R 757
1998 XK ₄₄	1999 01	16.13282	05 44 17.48	+34 47 25.1	18.9	704	1998 XA ₄₇	1999 01	25.09567	06 14 26.10	+23 15 20.1	17.7	R 757
1998 XK ₄₄	1999 01	16.17762	05 44 15.27	+34 47 21.8	18.4	704	1998 XC ₄₇	1999 01	16.19120	06 17 42.50	+27 38 14.9	18.2	704
1998 XK ₄₄	1999 01	19.08402	05 42 14.31	+34 44 13.2	18.5	704	1998 XC ₄₇	1999 01	16.21317	06 17 41.20	+27 38 15.8	18.0	704
1998 XK ₄₄	1999 01	19.10597	05 42 13.22	+34 44 13.3	19.0	704	1998 XC ₄₇	1999 01	16.23513	06 17 40.01	+27 38 15.4	18.7	704
1998 XK ₄₄	1999 01	19.14993	05 42 11.53	+34 44 11.8	18.3	704	1998 XC ₄₇	1999 01	16.25722	06 17 38.78	+27 38 17.0	18.5	704
1998 XT ₄₄	1999 01	16.09229	05 54 31.23	+38 15 28.3	18.5	704	1998 XC ₄₇	1999 01	16.27913	06 17 37.40	+27 38 14.6	19.5	704
1998 XT ₄₄	1999 01	16.13706	05 54 28.95	+38 15 08.9	18.6	704	1998 XC ₄₇	1999 01	19.09818	06 15 13.36	+27 38 43.4	17.5	704
1998 XT ₄₄	1999 01	16.15907	05 54 27.95	+38 15 01.7	18.9	704	1998 XC ₄₇	1999 01	19.12020	06 15 12.24	+27 38 43.5	17.5	704
1998 XT ₄₄	1999 01	16.18112	05 54 26.82	+38 14 52.7	19.4	704	1998 XC ₄₇	1999 01	19.16410	06 15 09.96	+27 38 43.8	18.3	704
1998 XT ₄₄	1999 01	19.08358	05 52 16.85	+37 54 06.9	18.3	704	1998 XC ₄₇	1999 01	19.18607	06 15 08.87	+27 38 43.9	18.3	704
1998 XT ₄₄	1999 01	19.10553	05 52 16.07	+37 53 58.0	19.0	704	1998 XM ₄₇	1999 01	16.19105	06 19 00.21	+28 59 50.8	17.1	704
1998 XT ₄₄	1999 01	19.14949	05 52 14.07	+37 53 40.1	17.9	704	1998 XM ₄₇	1999 01	16.21302	06 18 59.13	+28 59 45.3	17.6	704
1998 XT ₄₄	1999 01	19.17147	05 52 13.00	+37 53 30.2	17.9	704	1998 XM ₄₇	1999 01	16.23499	06 18 58.00	+28 59 36.1	17.6	704
1998 XV ₄₄	1999 01	16.08893	05 51 03.47	+36 10 22.4	17.5	704	1998 XM ₄₇	1999 01	16.25707	06 18 56.85	+28 59 29.8	17.5	704
1998 XV ₄₄	1999 01	16.11095	05 51 02.39	+36 10 17.7	17.8	704	1998 XM ₄₇	1999 01	16.27899	06 18 55.67	+28 59 22.4	18.4	704
1998 XV ₄₄	1999 01	16.13296	05 51 01.39	+36 10 12.5	18.2	704	1998 XM ₄₇	1999 01	19.09701	06 16 44.45	+28 43 51.1	17.0	704
1998 XV ₄₄	1999 01	16.15571	05 51 00.37	+36 10 07.7	18.2	704	1998 XM ₄₇	1999 01	19.11903	06 16 43.46	+28 43 44.1	17.0	704
1998 XV ₄₄	1999 01	16.17776	05 50 59.16	+36 10 04.3	18.6	704	1998 XM ₄₇	1999 01	19.14097	06 16 42.37	+28 43 37.7	17.7	704
1998 XV ₄₄	1999 01	19.08387	05 49 02.47	+35 58 14.1	17.1	704	1998 XM ₄₇	1999 01	19.16293	06 16 41.34	+28 43 27.8	17.4	704
1998 XV ₄₄	1999 01	19.10582	05 49 01.63	+35 58 09.1	17.8	704	1998 XM ₄₇	1999 01	19.18489	06 16 40.41	+28 43 21.0	17.4	704
1998 XV ₄₄	1999 01	19.12786	05 49 00.90	+35 58 03.7	17.4	704	1998 XP ₄₇	1999 01	16.09915	06 20 13.03	+32 56 28.4	18.8	704
1998 XV ₄₄	1999 01	19.14978	05 48 59.89	+35 57 58.0	17.2	704	1998 XP ₄₇	1999 01	16.12115	06 20 11.71	+32 56 31.8		704
1998 XV ₄₄	1999 01	19.17176	05 48 58.95	+35 57 53.7	17.2	704	1998 XP ₄₇	1999 01	16.14389	06 20 10.43	+32 56 35.1	18.4	704
1998 XE ₄₅	1999 01	16.08907	05 54 41.54	+34 59 06.4	18.1	704	1998 XP ₄₇	1999 01	16.16591	06 20 09.16	+32 56 38.0	18.0	704
1998 XE ₄₅	1999 01	16.11110	05 54 40.42	+34 59 11.3	18.0	704	1998 XP ₄₇	1999 01	16.18797	06 20 07.73	+32 56 42.6	19.2	704
1998 XE ₄₅	1999 01	16.13311	05 54 39.31	+34 59 16.4	18.0	704	1998 XP ₄₇	1999 01	19.09395	06 17 30.55	+33 03 12.7	17.9	704
1998 XE ₄₅	1999 01	16.15586	05 54 38.07	+34 59 22.4	19.0	704	1998 XP ₄₇	1999 01	19.11597	06 17 29.48	+33 03 15.7	18.5	704
1998 XE ₄₅	1999 01	16.17791	05 54 36.90	+34 59 28.9	19.1	704	1998 XP ₄₇	1999 01	19.15988	06 17 27.01	+33 03 21.6	17.9	704
1998 XE ₄₅	1999 01	19.08519	05 52 25.07	+35 09 34.0	18.5	704	1998 XP ₄₇	1999 01	19.18184	06 17 25.89	+33 03 24.3	17.9	704
1998 XE ₄₅	1999 01	19.10714	05 52 24.15	+35 09 38.7	19.3	704	1998 XT ₄₇	1999 01	16.09697	06 12 46.46	+36 16 44.8	18.7	704
1998 XE ₄₅	1999 01	19.15110	05 52 22.07	+35 09 46.6	17.5	704	1998 XT ₄₇	1999 01	16.11898	06 12 45.07	+36 16 45.0	18.5	704
1998 XE ₄₅	1999 01	19.17308	05 52 21.17	+35 09 50.4	18.3	704	1998 XT ₄₇	1999 01	16.14171	06 12 43.84	+36 16 45.1	18.5	704
1998 XG ₄₅	1999 01	16.09476	05 56 56.68	+28 59 15.7	18.9	704	1998 XT ₄₇	1999 01	16.16373	06 12 42.50	+36 16 45.3	18.9	704
1998 XG ₄₅	1999 01	16.11678	05 56 55.58	+28 59 12.4	19.5	704	1998 XT ₄₇	1999 01	16.18579	06 12 41.08	+36 16 45.4	18.9	704
1998 XG ₄₅	1999 01	16.13952	05 56 54.22	+28 59 09.1	18.4	704	1998 XT ₄₇	1999 01	19.09118	06 10 04.14	+36 14 46.0	18.7	704
1998 XG ₄₅	1999 01	16.18359	05 56 51.80	+28 59 02.5	19.0	704	1998 XT ₄₇	1999 01	19.11313	06 10 03.05	+36 14 45.7	18.7	704
1998 XG ₄₅	1999 01	19.08842	05 54 25.02	+28 50 15.4	19.0	704	1998 XT ₄₇	1999 01	19.15709	06 10 00.48	+36 14 45.3	18.1	704
1998 XG ₄₅	1999 01	19.11037	05 54 24.05	+28 50 11.2	18.7	704	1998 XT ₄₇	1999 01	19.17905	06 09 59.37	+36 14 44.6	18.1	704
1998 XG ₄₅	1999 01	19.15433	05 54 21.90	+28 50 02.8	18.7	704	1998 XB ₄₈	1999 01	16.09360	06 04 28.55	+38 03 09.9	19.2	704
1998 XG ₄₅	1999 01	19.17630	05 54 20.62	+28 49 58.6	19.0	704	1998 XB ₄₈	1999 01	16.11562	06 04 27.42	+38 03 10.8	19.3	704
1998 XH ₄₅	1999 01	16.09624	06 05 21.77	+29 13 20.2	18.1	704	1998 XB ₄₈	1999 01	16.16038	06 04 24.72	+38 03 05.9	18.7	704
1998 XH ₄₅	1999 01	16.14098	06 05 19.70	+29 13 16.8	18.4	704	1998 XB ₄₈	1999 01	16.18243	06 04 23.33	+38 03 05.0	18.9	704
1998 XH ₄₅	1999 01	16.16300	06 05 18.75	+29 13 16.0	18.4	704	1998 XB ₄₈	1999 01	19.08959	06 01 51.59	+37 58 51.0	19.0	704
1998 XH ₄₅	1999 01	16.18506	06 05 17.66	+29 13 14.1	18.8	704	1998 XB ₄₈	1999 01	19.11155	06 01 50.46	+37 58 51.1	19.0	704
1998 XH ₄₅	1999 01	19.09337	06 03 16.58	+29 08 52.6	18.5	704	1998 XB ₄₈	1999 01	19.15551	06 01 48.15	+37 58 45.8	18.2	704
1998 XH ₄₅	1999 0												

1999 FEB. 2

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1998 XP ₄₉	1999 01	19.09410	06 20 59.28	+34 10 38.3	18.6	704	1998 XC ₅₁	1999 01	16.26549	06 54 01.90	+27 34 45.0	19.3	704
1998 XP ₄₉	1999 01	19.11612	06 20 58.01	+34 10 29.5	18.6	704	1998 XC ₅₁	1999 01	16.28740	06 54 00.64	+27 34 42.4	19.8	704
1998 XP ₄₉	1999 01	19.16003	06 20 55.84	+34 10 13.1	18.2	704	1998 XC ₅₁	1999 01	19.19714	06 51 26.23	+27 28 06.3		704
1998 XV ₄₉	1999 01	16.18974	06 28 36.27	+39 20 22.3	18.0	704	1998 XC ₅₁	1999 01	19.21942	06 51 24.99	+27 28 03.8	18.5	704
1998 XV ₄₉	1999 01	16.21171	06 28 35.00	+39 20 22.9	18.0	704	1998 XC ₅₁	1999 01	19.26393	06 51 22.53	+27 27 56.1	19.0	704
1998 XV ₄₉	1999 01	16.23368	06 28 33.70	+39 20 23.0	18.2	704	1998 XC ₅₁	1999 01	19.28612	06 51 21.47	+27 27 53.2	19.2	704
1998 XV ₄₉	1999 01	16.25576	06 28 32.48	+39 20 22.6	18.3	704	1998 XD ₅₁	1999 01	16.20096	07 00 40.82	+28 21 45.2	18.0	704
1998 XV ₄₉	1999 01	19.09570	06 25 59.17	+39 18 59.0	17.5	704	1998 XD ₅₁	1999 01	16.22293	07 00 39.77	+28 21 44.2		704
1998 XV ₄₉	1999 01	19.11772	06 25 58.12	+39 18 59.2	17.5	704	1998 XD ₅₁	1999 01	16.24501	07 00 38.72	+28 21 42.4	18.2	704
1998 XV ₄₉	1999 01	19.16162	06 25 55.63	+39 18 57.5	17.4	704	1998 XD ₅₁	1999 01	16.26695	07 00 37.61	+28 21 43.0	18.3	704
1998 XV ₄₉	1999 01	19.18359	06 25 54.50	+39 18 56.1	17.4	704	1998 XD ₅₁	1999 01	19.19786	06 58 22.56	+28 19 21.6	18.5	704
1998 XX ₄₉	1999 01	16.19032	06 33 32.10	+34 39 19.0	17.2	704	1998 XD ₅₁	1999 01	19.22014	06 58 21.39	+28 19 19.0	18.2	704
1998 XX ₄₉	1999 01	16.21229	06 33 30.64	+34 39 15.3		704	1998 XD ₅₁	1999 01	19.24242	06 58 20.49	+28 19 18.3	18.2	704
1998 XX ₄₉	1999 01	16.23426	06 33 29.33	+34 39 08.3		704	1998 XD ₅₁	1999 01	19.26465	06 58 19.41	+28 19 17.4	18.2	704
1998 XX ₄₉	1999 01	16.25633	06 33 27.97	+34 39 02.8		704	1998 XD ₅₁	1999 01	19.28685	06 58 18.38	+28 19 16.2	18.7	704
1998 XX ₄₉	1999 01	16.27826	06 33 26.52	+34 38 57.3	18.4	704	1998 XF ₅₁	1999 01	16.19907	06 53 46.14	+31 34 21.0	18.1	704
1998 XX ₄₉	1999 01	19.09627	06 30 45.97	+34 27 27.9	16.1	704	1998 XF ₅₁	1999 01	16.22103	06 53 44.88	+31 34 23.1	18.5	704
1998 XX ₄₉	1999 01	19.11829	06 30 44.70	+34 27 23.7		704	1998 XF ₅₁	1999 01	16.26506	06 53 41.71	+31 34 28.0	18.3	704
1998 XX ₄₉	1999 01	19.14024	06 30 43.47	+34 27 17.8	16.7	704	1998 XF ₅₁	1999 01	19.19540	06 50 40.59	+31 39 13.2	18.0	704
1998 XX ₄₉	1999 01	19.16219	06 30 42.27	+34 27 11.8	16.7	704	1998 XF ₅₁	1999 01	19.26217	06 50 36.19	+31 39 16.3	18.3	704
1998 XG ₅₀	1999 01	16.19994	06 45 56.25	+24 17 00.5	17.6	704	1998 XF ₅₁	1999 01	19.28438	06 50 34.95	+31 39 19.8	18.3	704
1998 XG ₅₀	1999 01	16.22191	06 45 54.66	+24 16 57.7	17.9	704	1998 XU ₅₁	1999 01	15.18226	06 45 30.16	+39 54 15.8	17.9	732
1998 XG ₅₀	1999 01	16.24398	06 45 53.13	+24 16 55.9		704	1998 XU ₅₁	1999 01	15.18781	06 45 29.80	+39 54 15.8	18.0	732
1998 XG ₅₀	1999 01	19.19161	06 42 39.07	+24 10 30.8	18.3	704	1998 XU ₅₁	1999 01	15.19369	06 45 29.45	+39 54 16.5	18.3	732
1998 XG ₅₀	1999 01	19.21389	06 42 37.59	+24 10 28.9	18.5	704	1998 XU ₅₁	1999 01	15.20154	06 45 28.94	+39 54 17.2	18.0	732
1998 XG ₅₀	1999 01	19.23615	06 42 36.20	+24 10 25.4	18.2	704	1998 XU ₅₁	1999 01	16.23544	06 44 29.33	+39 55 49.1	18.6	732
1998 XG ₅₀	1999 01	19.25840	06 42 34.72	+24 10 21.9	19.0	704	1998 XU ₅₁	1999 01	16.24775	06 44 28.73	+39 55 49.6	18.7	732
1998 XG ₅₀	1999 01	19.28062	06 42 33.08	+24 10 18.0	19.1	704	1998 XU ₅₁	1999 01	16.26682	06 44 27.56	+39 55 51.2	18.1	732
1998 XK ₅₀	1999 01	16.19994	06 50 07.94	+23 42 36.1	17.5	704	1998 XA ₅₂	1999 01	16.19835	06 46 39.67	+37 24 17.8	17.6	704
1998 XK ₅₀	1999 01	16.22191	06 50 06.63	+23 42 36.0	18.7	704	1998 XA ₅₂	1999 01	16.22032	06 46 38.21	+37 24 07.7		704
1998 XK ₅₀	1999 01	16.24398	06 50 05.27	+23 42 36.7		704	1998 XA ₅₂	1999 01	16.24229	06 46 36.94	+37 23 57.1	18.6	704
1998 XK ₅₀	1999 01	16.26593	06 50 03.92	+23 42 36.8	18.1	704	1998 XA ₅₂	1999 01	16.26434	06 46 35.32	+37 23 45.9	18.4	704
1998 XK ₅₀	1999 01	19.19642	06 47 17.74	+23 43 01.3	18.3	704	1998 XA ₅₂	1999 01	16.28626	06 46 33.89	+37 23 35.8	18.2	704
1998 XK ₅₀	1999 01	19.21870	06 47 16.68	+23 43 01.9	18.7	704	1998 XA ₅₂	1999 01	19.18854	06 43 41.16	+36 59 52.1	18.7	704
1998 XK ₅₀	1999 01	19.24097	06 47 15.32	+23 43 02.8	18.5	704	1998 XA ₅₂	1999 01	19.21083	06 43 39.82	+36 59 40.6	18.3	704
1998 XK ₅₀	1999 01	19.26320	06 47 14.12	+23 43 02.7	18.8	704	1998 XA ₅₂	1999 01	19.23309	06 43 38.40	+36 59 30.8	18.7	704
1998 XL ₅₀	1999 01	16.19965	06 52 32.83	+25 47 17.4	18.7	704	1998 XA ₅₂	1999 01	19.25534	06 43 37.16	+36 59 19.0	18.4	704
1998 XL ₅₀	1999 01	16.22161	06 52 31.34	+25 47 19.8	18.7	704	1998 XA ₅₂	1999 01	19.27750	06 43 35.81	+36 59 07.7	18.2	704
1998 XL ₅₀	1999 01	16.24359	06 52 30.24	+25 47 23.1	18.7	704	1998 XC ₅₂	1999 01	16.20184	06 50 47.06	+36 28 37.6	19.0	704
1998 XL ₅₀	1999 01	16.26564	06 52 28.92	+25 47 27.7	19.8	704	1998 XC ₅₂	1999 01	16.22380	06 50 45.44	+36 28 37.6	18.0	704
1998 XL ₅₀	1999 01	19.19612	06 49 47.01	+25 52 50.5	18.2	704	1998 XC ₅₂	1999 01	16.24588	06 50 43.83	+36 28 41.0	18.3	704
1998 XL ₅₀	1999 01	19.21841	06 49 45.74	+25 52 54.8	18.8	704	1998 XC ₅₂	1999 01	16.26783	06 50 42.40	+36 28 42.2	18.8	704
1998 XL ₅₀	1999 01	19.24068	06 49 44.40	+25 52 55.0	18.7	704	1998 XC ₅₂	1999 01	19.19482	06 47 38.26	+36 30 54.3	18.8	704
1998 XL ₅₀	1999 01	19.26291	06 49 43.28	+25 52 59.5	18.7	704	1998 XC ₅₂	1999 01	19.21710	06 47 36.85	+36 30 53.0	18.8	704
1998 XO ₅₀	1999 01	18.20653	06 51 21.80	+22 49 42.9	16.3	704	1998 XC ₅₂	1999 01	19.23937	06 47 35.26	+36 30 53.0	19.5	704
1998 XO ₅₀	1999 01	18.22864	06 51 20.55	+22 49 43.2	16.3	704	1998 XC ₅₂	1999 01	19.26160	06 47 34.04	+36 30 53.9	19.2	704
1998 XO ₅₀	1999 01	18.25139	06 51 19.24	+22 49 43.8	16.2	704	1998 XG ₅₂	1999 01	16.20125	06 57 03.28	+31 13 34.7	18.8	704
1998 XO ₅₀	1999 01	18.27334	06 51 18.03	+22 49 43.7	16.8	704	1998 XG ₅₂	1999 01	16.22322	06 57 01.81	+31 13 35.0	18.9	704
1998 XO ₅₀	1999 01	20.19813	06 49 38.08	+22 50 03.4	18.2	704	1998 XG ₅₂	1999 01	16.24530	06 57 00.41	+31 13 35.0	19.8	704
1998 XO ₅₀	1999 01	20.21991	06 49 36.97	+22 50 03.6	17.8	704	1998 XG ₅₂	1999 01	16.26724	06 56 58.70	+31 13 39.1	19.9	704
1998 XO ₅₀	1999 01	20.24193	06 49 35.78	+22 50 04.6	17.6	704	1998 XG ₅₂	1999 01	19.19758	06 53 58.14	+31 13 41.4	18.4	704
1998 XO ₅₀	1999 01	20.26373	06 49 34.54	+22 50 05.1	17.8	704	1998 XG ₅₂	1999 01	19.21986	06 53 56.75	+31 13 41.8	18.9	704
1998 XO ₅₀	1999 01	20.28630	06 49 33.36	+22 50 05.5	18.3	704	1998 XG ₅₂	1999 01	19.24214	06 53 55.34	+31 13 42.1	19.6	704
1998 XP ₅₀	1999 01	16.19950	06 53 47.36	+27 30 27.1	18.2	704	1998 XG ₅₂	1999 01	19.26437	06 53 53.93	+31 13 42.4	19.6	704
1998 XP ₅₀	1999 01	16.22147	06 53 46.01	+27 30 35.1	18.5	704	1998 XH ₅₂	1999 01	16.20444	07 02 57.52	+28 49 06.0	18.0	704
1998 XP ₅₀	1999 01	16.24345	06 53 44.66	+27 30 39.9	18.9	704	1998 XH ₅₂	1999 01	16.22641	07 02 56.24	+28 49 01.8		704
1998 XP ₅₀	1999 01	16.26549	06 53 43.22	+27 30 47.7	19.1	704	1998 XH ₅₂	1999 01	16.24849	07 02 54.85	+28 48 57.6	18.4	704
1998 XP ₅₀	1999 01	19.21942	06 50 47.98	+27 44 56.9	19.0	704	1998 XH ₅₂	1999 01	16.27041	07 02 53.61	+28 48 53.7	19.4	704
1998 XP ₅₀	1999 01	19.24170	06 50 46.82	+27 45 01.5	19.1	704	1998 XH ₅₂	1999 01	19.19786	07 00 06.50	+28 38 46.3	18.6	704
1998 XP ₅₀	1999 01	19.26393	06 50 45.38	+27 45 08.8	18.5	704	1998 XH ₅₂	1999 01	19.22014	07 00 05.21	+28 38 40.6	19.0	704
1998 XU ₅₀	1999 01	16.20023	07 00 04.81	+25 15 32.6	17.7	704	1998 XH ₅₂	1999 01	19.24242	07 00 03.92	+28 38 35.8	19.1	704
1998 XU ₅₀	1999 01	16.22220	07 00 03.50	+25 15 31.1	18.6	704	1998 XL ₅₂	1999 01	16.19936	06 52 28.23	+28 31 09.9	17.8	704
1998 XU ₅₀	1999 01	16.24428	07 00 02.22	+25 15 30.2	18.7	704	1998 XL ₅₂	1999 01	16.22132	06 52 26.81	+28 31 10.2		704
1998 XU ₅₀	1999 01	16.26622	07 00 01.08	+25 15 30.3	18.7	704	1998 XL ₅₂	1999 01	16.24330	06 52 25.39	+28 31 11.1	18.1	704
1998 XU ₅₀	1999 01	19.19685	06 57 19.14	+25 14 18.8	18.4	704	1998 XL ₅₂	1999 01	16.26535	06 52 24.00	+28 31 12.8	18.1	704
1998 XU ₅₀	1999 01	19.21913	06 57 17.92	+25 14 18.5	18.3	704	1998 XL ₅₂	1999 01	19.19729	06 49 27.35	+28 33 06.1	17.7	704
1998 XU ₅₀	1999 01	19.24141	06 57 16.68	+25 14 18.3	18.4	704	19						

1998 XU ₅₂	1999 01	19.22086	07 01 30.26	+22 05 23.9	18.8	704	1998 XN ₅₇	1999 01	16.18990	05 16 00.51	+19 34 54.6	17.3 R	747
1998 XU ₅₂	1999 01	19.24314	07 01 28.85	+22 05 19.9	19.1	704	1998 XN ₅₇	1999 01	16.20000	05 16 00.22	+19 34 55.7	17.4 R	747
1998 XU ₅₂	1999 01	19.26538	07 01 27.42	+22 05 16.4	19.1	704	1998 XN ₅₇	1999 01	16.23758	05 15 59.27	+19 34 59.0	17.8 R	747
1998 XX ₅₂	1999 01	16.20037	07 02 39.86	+23 50 58.0	18.2	704	1998 XN ₅₇	1999 01	16.24206	05 15 59.13	+19 34 59.1	18.1 R	747
1998 XX ₅₂	1999 01	16.22234	07 02 38.57	+23 51 02.0	17.9	704	1998 XN ₅₇	1999 01	19.04807	05 14 59.30	+19 39 23.9	17.4 R	747
1998 XX ₅₂	1999 01	16.24442	07 02 37.28	+23 51 02.5	18.6	704	1998 XN ₅₇	1999 01	19.06558	05 14 58.94	+19 39 26.0		747
1998 XX ₅₂	1999 01	16.26637	07 02 36.11	+23 51 07.4	18.3	704	1998 XH ₅₉	1999 01	10.07312	05 24 12.08	+18 51 46.2	17.7 R	747
1998 XX ₅₂	1999 01	19.19844	07 00 00.56	+23 57 07.4	17.8	704	1998 XH ₅₉	1999 01	10.08029	05 24 11.70	+18 51 47.9	17.6 R	747
1998 XX ₅₂	1999 01	19.22072	06 59 59.35	+23 57 09.7	18.6	704	1998 XH ₅₉	1999 01	10.11700	05 24 09.81	+18 51 53.6	17.3 R	747
1998 XX ₅₂	1999 01	19.24300	06 59 58.26	+23 57 13.9	18.7	704	1998 XH ₅₉	1999 01	11.07339	05 23 22.60	+18 54 13.9	17.6 R	747
1998 XX ₅₂	1999 01	19.26523	06 59 56.95	+23 57 16.0	18.6	704	1998 XH ₅₉	1999 01	11.08801	05 23 21.85	+18 54 16.3	17.3 R	747
1998 XA ₅₃	1999 01	16.20619	07 10 39.85	+27 30 41.6	17.9	704	1998 XZ ₅₉	1998 12	17.17843	06 07 28.65	+22 31 44.4	19.0	704
1998 XA ₅₃	1999 01	16.22816	07 10 38.60	+27 30 52.8		704	1998 XZ ₅₉	1998 12	17.20173	06 07 27.11	+22 31 46.7	19.1	704
1998 XA ₅₃	1999 01	16.27215	07 10 36.07	+27 31 13.4	19.0	704	1998 XZ ₅₉	1998 12	17.22498	06 07 25.40	+22 31 50.5	18.7	704
1998 XA ₅₃	1999 01	19.19917	07 07 54.24	+27 52 55.2	19.0	704	1998 XZ ₅₉	1998 12	17.24809	06 07 23.94	+22 31 54.3	19.2	704
1998 XA ₅₃	1999 01	19.22145	07 07 52.94	+27 53 05.1	18.9	704	1998 XZ ₅₉	1998 12	17.29437	06 07 20.43	+22 32 00.7	19.0	704
1998 XA ₅₃	1999 01	19.24373	07 07 51.76	+27 53 14.9	18.6	704	1998 XZ ₅₉	1998 12	17.34074	06 07 17.05	+22 32 10.3	19.0	704
1998 XA ₅₃	1999 01	19.26601	07 07 50.54	+27 53 24.5	18.6	704	1998 XZ ₅₉	1998 12	17.36387	06 07 15.43	+22 32 12.7	18.7	704
1998 XA ₅₃	1999 01	19.28815	07 07 49.24	+27 53 34.0	18.7	704	1998 XZ ₅₉	1998 12	17.38690	06 07 13.81	+22 32 17.3	19.2	704
1998 XB ₅₃	1999 01	11.86970	07 10 16.25	+20 11 46.2	17.0	120	1998 XZ ₅₉	1998 12	22.19788	06 01 41.89	+22 44 35.2	18.4	704
1998 XB ₅₃	1999 01	11.88199	07 10 15.45	+20 11 42.9		120	1998 XZ ₅₉	1998 12	22.22066	06 01 40.24	+22 44 37.8	19.0	704
1998 XB ₅₃	1999 01	11.90775	07 10 13.67	+20 11 35.0		120	1998 XZ ₅₉	1998 12	22.24334	06 01 38.76	+22 44 42.1	19.3	704
1998 XB ₅₃	1999 01	11.92220	07 10 12.67	+20 11 31.0		120	1998 XZ ₅₉	1998 12	22.26615	06 01 36.92	+22 44 45.1	18.9	704
1998 XB ₅₃	1999 01	13.89528	07 08 02.31	+20 02 01.4	16.8	120	1998 XZ ₅₉	1998 12	22.28890	06 01 35.38	+22 44 49.5	18.6	704
1998 XB ₅₃	1999 01	13.91755	07 08 00.82	+20 01 54.9		120	1998 XP ₆₀	1998 12	17.17813	05 59 03.67	+23 00 30.3	18.5	704
1998 XB ₅₃	1999 01	15.76693	07 06 01.29	+19 53 02.4	17.0	120	1998 XP ₆₀	1998 12	17.17828	05 59 03.57	+23 00 29.9	18.9	704
1998 XB ₅₃	1999 01	15.77576	07 06 00.73	+19 53 00.2		120	1998 XP ₆₀	1998 12	17.20144	05 59 02.20	+23 00 31.0	18.8	704
1998 XB ₅₃	1999 01	18.21103	07 03 27.44	+19 41 25.6	16.8	704	1998 XP ₆₀	1998 12	17.20159	05 59 02.22	+23 00 32.8	19.2	704
1998 XB ₅₃	1999 01	18.23315	07 03 26.11	+19 41 21.3	16.9	704	1998 XP ₆₀	1998 12	17.22468	05 59 00.90	+23 00 33.7	19.1	704
1998 XB ₅₃	1999 01	18.25587	07 03 24.66	+19 41 14.2	16.4	704	1998 XP ₆₀	1998 12	17.22483	05 59 00.78	+23 00 32.9	19.3	704
1998 XB ₅₃	1999 01	18.27792	07 03 23.21	+19 41 07.8		704	1998 XP ₆₀	1998 12	17.24779	05 58 59.52	+23 00 35.8	19.3	704
1998 XB ₅₃	1999 01	18.29990	07 03 21.82	+19 41 03.0	16.8	704	1998 XP ₆₀	1998 12	17.24794	05 58 59.62	+23 00 36.5	19.9	704
1998 XB ₅₃	1999 01	19.74811	07 01 54.25	+19 34 09.7	16.6	120	1998 XP ₆₀	1998 12	17.40774	05 58 49.79	+23 00 46.0	19.6	704
1998 XB ₅₃	1999 01	19.77079	07 01 52.89	+19 34 03.7		120	1998 XP ₆₀	1998 12	17.40788	05 58 49.89	+23 00 44.7	19.2	704
1998 XB ₅₃	1999 01	19.78147	07 01 52.24	+19 34 00.7		120	1998 XP ₆₀	1998 12	17.43040	05 58 48.33	+23 00 46.3	19.0	704
1998 XB ₅₃	1999 01	20.19857	07 01 27.30	+19 32 04.6		704	1998 XP ₆₀	1998 12	17.45313	05 58 47.17	+23 00 46.5	18.9	704
1998 XB ₅₃	1999 01	20.22035	07 01 25.78	+19 31 58.0		704	1998 XP ₆₀	1998 12	17.45328	05 58 47.19	+23 00 49.6	18.7	704
1998 XB ₅₃	1999 01	20.24237	07 01 24.54	+19 31 51.5		704	1998 XP ₆₀	1998 12	17.47590	05 58 45.72	+23 00 50.2	19.3	704
1998 XB ₅₃	1999 01	20.26417	07 01 23.14	+19 31 46.9	17.3	704	1998 XP ₆₀	1998 12	17.47604	05 58 45.81	+23 00 49.8	19.0	704
1998 XG ₅₃	1999 01	16.20604	07 17 47.22	+26 14 23.6	17.9	704	1998 XP ₆₀	1998 12	22.19294	05 54 08.94	+23 05 53.6	18.3	704
1998 XG ₅₃	1999 01	16.22801	07 17 45.77	+26 14 30.5	18.1	704	1998 XP ₆₀	1998 12	22.21584	05 54 07.54	+23 05 54.1	19.1	704
1998 XG ₅₃	1999 01	16.25009	07 17 44.21	+26 14 37.1	18.5	704	1998 XP ₆₀	1998 12	22.23851	05 54 06.10	+23 05 56.5	19.9	704
1998 XG ₅₃	1999 01	16.27200	07 17 42.77	+26 14 44.0	18.3	704	1998 XP ₆₀	1998 12	22.26134	05 54 04.80	+23 05 58.9	19.4	704
1998 XG ₅₃	1999 01	19.20207	07 14 34.45	+26 29 27.1		704	1998 XO ₆₂	1999 01	20.34297	06 43 41.15	+56 40 32.4	18.2 R	703
1998 XG ₅₃	1999 01	19.24662	07 14 31.49	+26 29 40.6	18.0	704	1998 XO ₆₂	1999 01	20.35037	06 43 40.29	+56 40 25.0		703
1998 XG ₅₃	1999 01	19.26892	07 14 30.07	+26 29 48.2		704	1998 XO ₆₂	1999 01	20.35594	06 43 39.65	+56 40 19.9		703
1998 XG ₅₃	1999 01	19.29105	07 14 28.57	+26 29 54.6	18.5	704	1998 XT ₆₂	1999 01	14.19657	06 14 00.64	+43 51 09.2	18.4	704
1998 XG ₅₃	1999 01	19.87555	07 13 52.01	+26 32 41.4	16.8	132	1998 XT ₆₂	1999 01	14.22025	06 13 59.12	+43 51 01.5		704
1998 XG ₅₃	1999 01	19.90355	07 13 50.11	+26 32 51.0	16.8	132	1998 XT ₆₂	1999 01	14.24324	06 13 57.68	+43 50 54.8	18.5	704
1998 XG ₅₃	1999 01	19.93124	07 13 48.21	+26 32 57.7	17.0	132	1998 XT ₆₂	1999 01	14.26623	06 13 56.33	+43 50 47.1	18.7	704
1998 XG ₅₃	1999 01	21.85194	07 11 49.65	+26 41 55.5	17.1	132	1998 XT ₆₂	1999 01	14.28929	06 13 54.79	+43 50 39.1	19.0	704
1998 XG ₅₃	1999 01	21.88624	07 11 47.39	+26 42 03.9	16.8	132	1998 XT ₆₂	1999 01	16.09784	06 12 09.36	+43 41 03.1	18.4	704
1998 XG ₅₃	1999 01	21.91656	07 11 45.59	+26 42 12.9	17.3	132	1998 XT ₆₂	1999 01	16.11985	06 12 07.93	+43 40 56.6	18.5	704
1998 XH ₅₃	1999 01	16.20052	07 08 30.98	+25 01 38.0	18.9	704	1998 XT ₆₂	1999 01	16.14259	06 12 06.67	+43 40 48.7	18.5	704
1998 XH ₅₃	1999 01	16.22249	07 08 29.45	+25 01 39.2	18.2	704	1998 XT ₆₂	1999 01	16.16461	06 12 05.18	+43 40 42.5		704
1998 XH ₅₃	1999 01	16.24457	07 08 28.15	+25 01 39.8	18.2	704	1998 XT ₆₂	1999 01	16.18667	06 12 04.04	+43 40 34.4		704
1998 XH ₅₃	1999 01	16.26651	07 08 26.73	+25 01 41.4	18.5	704	1998 XV ₆₂	1999 01	08.34268	07 16 26.81	+50 03 02.9	18.8 R	699
1998 XH ₅₃	1999 01	19.19829	07 05 33.38	+25 04 13.2	17.7	704	1998 XV ₆₂	1999 01	08.35802	07 16 25.63	+50 03 04.0		699
1998 XH ₅₃	1999 01	19.22057	07 05 32.10	+25 04 13.7	17.9	704	1998 XV ₆₂	1999 01	08.37332	07 16 24.54	+50 03 05.3		699
1998 XH ₅₃	1999 01	19.24285	07 05 30.72	+25 04 14.1	18.8	704	1998 XW ₆₂	1998 12	27.25883	07 33 38.53	+48 54 12.6	17.0 R	699
1998 XH ₅₃	1999 01	19.26508	07 05 29.44	+25 04 15.6	18.2	704	1998 XW ₆₂	1998 12	27.28429	07 33 36.80	+48 54 21.7		699
1998 XH ₅₃	1999 01	19.28728	07 05 28.05	+25 04 18.7	19.1	704	1998 XW ₆₂	1998 12	27.30980	07 33 35.05	+48 54 30.6		699
1998 XJ ₅₃	1999 01	16.20488	07 13 21.98	+24 45 56.9	17.5	704	1998 XW ₆₂	1999 01	08.34396	07 18 58.05	+49 43 03.5	17.6 R	699
1998 XJ ₅₃	1999 01	16.22684	07 13 20.86	+24 45 59.3	18.0	704	1998 XW ₆₂	1999 01	08.35931	07 18 56.78	+49 43 05.6		699
1998 XJ ₅₃	1999 01	16.24892	07 13 19.58	+24 46 02.1	17.9	704	1998 XW ₆₂	1999 01	08.37459	07 18 55.57	+49 43 07.6		699
1998 XJ ₅₃	1999 01	16.27084	07 13 18.45	+24 46 05.2	18.6	704	1998 XQ ₆₃	1999 01	08.18964	03 37 32.72	+31 50 45.7		704
1998 XJ ₅₃	1999 01	19.22116	07 10 44.06	+24 51 29.5	19.2	704	1998 XQ ₆₃	1999 01					

1998 XR ₆₉	1998 11	16.33958	04 50 07.20	+36 02 13.9	18.9	704	1998 XC ₇₄	1999 01	16.26520	06 50 44.70	+30 10 51.6	18.1	704
1998 XR ₆₉	1998 11	16.36059	04 50 05.73	+36 02 08.4	18.4	704	1998 XC ₇₄	1999 01	19.19743	06 47 57.77	+30 13 57.3	17.6	704
1998 XR ₆₉	1998 11	16.38167	04 50 04.59	+36 02 00.5	18.9	704	1998 XC ₇₄	1999 01	19.21971	06 47 56.58	+30 13 58.6		704
1998 XF ₇₂	1999 01	16.08105	05 29 05.47	+35 39 36.8	17.5	704	1998 XC ₇₄	1999 01	19.24199	06 47 55.29	+30 13 57.8	18.9	704
1998 XF ₇₂	1999 01	16.10307	05 29 04.77	+35 39 28.7		704	1998 XC ₇₄	1999 01	19.28642	06 47 52.62	+30 14 01.9	18.2	704
1998 XF ₇₂	1999 01	16.12508	05 29 03.63	+35 39 20.1	18.6	704	1998 XK ₇₄	1999 01	16.20213	06 51 08.70	+38 10 34.1	17.6	704
1998 XF ₇₂	1999 01	16.14784	05 29 02.81	+35 39 09.1	18.4	704	1998 XK ₇₄	1999 01	16.22410	06 51 07.32	+38 10 38.7	18.2	704
1998 XF ₇₂	1999 01	16.16984	05 29 01.96	+35 39 03.4	18.8	704	1998 XK ₇₄	1999 01	16.24617	06 51 05.80	+38 10 43.5	18.1	704
1998 XF ₇₂	1999 01	19.07891	05 27 18.20	+35 20 19.6	18.0	704	1998 XK ₇₄	1999 01	16.26811	06 51 04.37	+38 10 47.4	18.4	704
1998 XF ₇₂	1999 01	19.12288	05 27 16.70	+35 20 03.1	17.8	704	1998 XK ₇₄	1999 01	19.19468	06 48 02.73	+38 18 57.3	17.9	704
1998 XF ₇₂	1999 01	19.14482	05 27 15.83	+35 19 53.5	17.4	704	1998 XK ₇₄	1999 01	19.21695	06 48 01.34	+38 19 00.7	18.4	704
1998 XF ₇₂	1999 01	19.16679	05 27 15.04	+35 19 45.6	17.4	704	1998 XK ₇₄	1999 01	19.23923	06 48 00.01	+38 19 03.2	19.2	704
1998 XK ₇₂	1999 01	16.13995	05 53 42.57	+25 16 05.5	19.0	704	1998 XK ₇₄	1999 01	19.26145	06 47 58.57	+38 19 06.8	18.6	704
1998 XK ₇₂	1999 01	16.16198	05 53 41.58	+25 16 07.5	19.0	704	1998 XK ₇₄	1999 01	19.28366	06 47 57.20	+38 19 10.8	18.6	704
1998 XK ₇₂	1999 01	16.18403	05 53 40.78	+25 16 07.1	19.0	704	1998 XM ₇₄	1998 12	21.70678	07 30 09.74	+22 27 46.8		327
1998 XK ₇₂	1999 01	18.77411	05 52 02.47	+25 15 07.8	17.8 R	046	1998 XM ₇₄	1998 12	21.71913	07 30 09.09	+22 27 49.6		327
1998 XK ₇₂	1999 01	18.77608	05 52 02.40	+25 15 07.1		046	1998 XM ₇₄	1998 12	21.73212	07 30 08.41	+22 27 52.4	17.3	327
1998 XK ₇₂	1999 01	18.77810	05 52 02.32	+25 15 07.8		046	1998 XM ₇₄	1999 01	16.20037	07 03 49.46	+24 03 16.8	17.4	704
1998 XK ₇₂	1999 01	18.78074	05 52 02.22	+25 15 07.2		046	1998 XM ₇₄	1999 01	16.22234	07 03 47.96	+24 03 20.4		704
1998 XK ₇₂	1999 01	18.78388	05 52 02.11	+25 15 07.6		046	1998 XM ₇₄	1999 01	16.24442	07 03 46.54	+24 03 25.1		704
1998 XK ₇₂	1999 01	19.07936	05 51 51.61	+25 15 00.0	18.1	704	1998 XM ₇₄	1999 01	16.26637	07 03 45.14	+24 03 30.8	18.3	704
1998 XK ₇₂	1999 01	19.09249	05 51 51.15	+25 15 00.6	17.5	704	1998 XM ₇₄	1999 01	19.19844	07 00 39.75	+24 12 53.8		704
1998 XK ₇₂	1999 01	19.10131	05 51 50.84	+25 14 59.9	18.7	704	1998 XM ₇₄	1999 01	19.22072	07 00 38.44	+24 12 58.6	18.5	704
1998 XK ₇₂	1999 01	19.11450	05 51 50.23	+25 15 00.6	17.5	704	1998 XM ₇₄	1999 01	19.24300	07 00 36.90	+24 13 02.2	19.4	704
1998 XK ₇₂	1999 01	19.12333	05 51 50.08	+25 15 00.1	18.5	704	1998 XM ₇₄	1999 01	19.26523	07 00 35.43	+24 13 06.1	18.0	704
1998 XK ₇₂	1999 01	19.14527	05 51 49.23	+25 14 59.3	18.5	704	1998 XM ₇₄	1999 01	19.28742	07 00 33.83	+24 13 09.8	18.7	704
1998 XK ₇₂	1999 01	19.15841	05 51 48.71	+25 15 00.0	18.2	704	1998 XM ₇₄	1999 01	16.20532	07 09 41.24	+22 14 52.0	18.4	704
1998 XK ₇₂	1999 01	19.16724	05 51 48.23	+25 14 55.9	18.9	704	1998 XN ₇₄	1999 01	16.22728	07 09 39.97	+22 14 52.3	18.1	704
1998 XK ₇₂	1999 01	19.18037	05 51 47.85	+25 15 00.6	18.5	704	1998 XN ₇₄	1999 01	16.24937	07 09 38.70	+22 14 52.1	18.4	704
1998 XK ₇₂	1999 01	19.19178	05 51 47.54	+25 14 58.3	18.1	704	1998 XN ₇₄	1999 01	16.27128	07 09 37.47	+22 14 52.7	19.1	704
1998 XK ₇₂	1999 01	19.21405	05 51 46.63	+25 14 58.5	18.1	704	1998 XN ₇₄	1999 01	19.19858	07 06 57.62	+22 14 33.3	18.0	704
1998 XK ₇₂	1999 01	19.23632	05 51 45.89	+25 14 58.0	18.5	704	1998 XN ₇₄	1999 01	19.22086	07 06 56.37	+22 14 33.2	19.0	704
1998 XK ₇₂	1999 01	19.25857	05 51 44.90	+25 14 57.5	19.2	704	1998 XN ₇₄	1999 01	19.24314	07 06 55.16	+22 14 34.0	18.4	704
1998 XK ₇₂	1999 01	19.77047	05 51 27.29	+25 14 43.4	17.3 R	046	1998 XN ₇₄	1999 01	19.26538	07 06 53.85	+22 14 33.4		704
1998 XK ₇₂	1999 01	19.77492	05 51 27.12	+25 14 43.5		046	1998 XN ₇₄	1999 01	19.28757	07 06 52.56	+22 14 32.6	18.7	704
1998 XK ₇₂	1999 01	19.77669	05 51 27.06	+25 14 43.4		046	1998 XP ₇₄	1999 01	16.09973	06 11 36.64	+28 07 05.8	19.0	704
1998 XK ₇₂	1999 01	19.77861	05 51 26.98	+25 14 43.3		046	1998 XP ₇₄	1999 01	16.12173	06 11 35.45	+28 07 01.5	19.0	704
1998 XK ₇₂	1999 01	20.85961	05 50 50.42	+25 14 16.3	17.4 R	046	1998 XP ₇₄	1999 01	16.14447	06 11 34.14	+28 06 55.7	19.4	704
1998 XK ₇₂	1999 01	20.86253	05 50 50.33	+25 14 16.2		046	1998 XP ₇₄	1999 01	16.16649	06 11 32.96	+28 06 53.0	19.0	704
1998 XK ₇₂	1999 01	20.86627	05 50 50.19	+25 14 16.2		046	1998 XP ₇₄	1999 01	16.18855	06 11 31.87	+28 06 50.8	19.1	704
1998 XY ₇₂	1999 01	16.08645	05 33 06.06	+31 14 05.4	18.5	704	1998 XP ₇₄	1999 01	19.09715	06 09 07.73	+27 57 33.1	18.5	704
1998 XY ₇₂	1999 01	16.10847	05 33 05.18	+31 14 00.3	18.3	704	1998 XP ₇₄	1999 01	19.11917	06 09 06.43	+27 57 30.5	18.0	704
1998 XY ₇₂	1999 01	16.13048	05 33 04.19	+31 13 54.2	18.3	704	1998 XP ₇₄	1999 01	19.16308	06 09 04.49	+27 57 22.0	18.9	704
1998 XY ₇₂	1999 01	16.15323	05 33 03.34	+31 13 48.8	19.1	704	1998 XP ₇₄	1999 01	19.18504	06 09 03.32	+27 57 18.9	18.9	704
1998 XY ₇₂	1999 01	19.08010	05 31 15.18	+31 00 36.0	18.6	704	1998 XR ₇₄	1999 01	16.19383	06 28 02.00	+31 17 08.8	19.1	704
1998 XY ₇₂	1999 01	19.10204	05 31 14.43	+31 00 30.2	19.0	704	1998 XR ₇₄	1999 01	16.21580	06 28 00.79	+31 17 04.3	19.4	704
1998 XY ₇₂	1999 01	19.12407	05 31 13.70	+31 00 22.9	18.5	704	1998 XR ₇₄	1999 01	16.25985	06 27 58.62	+31 17 00.0	19.6	704
1998 XY ₇₂	1999 01	19.14601	05 31 13.00	+31 00 17.8	18.5	704	1998 XR ₇₄	1999 01	19.09671	06 25 38.35	+31 09 27.2	18.1	704
1998 XC ₇₃	1999 01	16.09331	06 07 45.44	+40 45 05.2	17.8	704	1998 XR ₇₄	1999 01	19.11873	06 25 37.31	+31 09 26.3	18.1	704
1998 XC ₇₃	1999 01	16.11533	06 07 44.23	+40 44 57.2		704	1998 XR ₇₄	1999 01	19.16264	06 25 35.20	+31 09 17.9	17.8	704
1998 XC ₇₃	1999 01	16.13807	06 07 42.94	+40 44 49.2		704	1998 XR ₇₄	1999 01	19.18460	06 25 34.11	+31 09 13.0	17.8	704
1998 XC ₇₃	1999 01	16.16009	06 07 41.74	+40 44 40.4		704	1998 XO ₇₆	1998 12	22.18871	05 36 47.32	+15 54 03.0	18.8	704
1998 XC ₇₃	1999 01	16.18214	06 07 40.55	+40 44 33.0	18.2	704	1998 XO ₇₆	1998 12	22.21161	05 36 45.84	+15 54 04.2	18.7	704
1998 XC ₇₃	1999 01	19.09061	06 05 11.86	+40 25 42.2	17.9	704	1998 XO ₇₆	1998 12	22.23428	05 36 44.29	+15 54 06.3	18.8	704
1998 XC ₇₃	1999 01	19.11256	06 05 10.60	+40 25 32.7	17.9	704	1998 XO ₇₆	1998 12	22.25696	05 36 42.88	+15 54 08.1	18.5	704
1998 XC ₇₃	1999 01	19.15652	06 05 08.34	+40 25 15.2	17.2	704	1998 XO ₇₆	1998 12	22.27983	05 36 41.30	+15 54 07.4	18.5	704
1998 XC ₇₃	1999 01	19.17848	06 05 07.25	+40 25 05.7	17.2	704	1998 XD ₇₇	1999 01	04.78681	06 44 57.38	+23 30 05.2	18.5 V	104
1998 XD ₇₃	1999 01	16.09360	06 03 50.88	+38 47 15.8	17.8	704	1998 XD ₇₇	1999 01	04.79311	06 44 56.96	+23 30 06.1		104
1998 XD ₇₃	1999 01	16.11562	06 03 49.75	+38 47 06.0	18.3	704	1998 XD ₇₇	1999 01	04.79896	06 44 56.59	+23 30 07.0		104
1998 XD ₇₃	1999 01	16.13836	06 03 48.34	+38 46 56.7	18.4	704	1998 XD ₇₇	1999 01	06.74074	06 42 41.40	+23 39 21.6	18.6 V	104
1998 XD ₇₃	1999 01	16.16038	06 03 47.21	+38 46 43.7	18.3	704	1998 XD ₇₇	1999 01	06.74653	06 42 41.05	+23 39 23.2		104
1998 XD ₇₃	1999 01	19.08959	06 01 18.02	+38 22 51.7	18.2	704	1998 XD ₇₇	1999 01	06.75174	06 42 40.67	+23 39 24.7		104
1998 XD ₇₃	1999 01	19.11155	06 01 16.87	+38 22 41.4	18.3	704	1998 XD ₇₇	1999 01	06.76466	06 42 39.82	+23 39 29.4		104
1998 XD ₇₃	1999 01	19.13356	06 01 15.70	+38 22 30.3	17.5	704	1998 XF ₇₇	* 1998 12	15.26181	06 28 58.97	+05 10 01.0	17.6 V	825
1998 XD ₇₃	1999 01	19.15551	06 01 14.54	+38 22 20.6	17.5	704	1998 XF ₇₇	1998 12	15.27015	06 28 58.60	+05 10 05.1	17.9 V	825
1998 XD ₇₃	1999 01	19.17747	06 01 13.50	+38 22 08.9	17.8	704	1998 XF ₇₇	1998 12	15.27848	06 28 58.00	+05 10 04.9	17.9 V	825
1998 XG ₇₃	1999 01	16.09141	05 56 30.75	+30 24 21.7	18.4	704	1998 XF ₇₇	1998 12	15.45058	06 28 49.03	+05 10 34.1	18.5	7

1998 XK ₇₇	* 1998 12 15.23613	04 11 48.43	+03 04 06.6	17.2	704	1998 XU ₇₇	1998 12 22.07364	04 36 28.85	+18 12 15.0	17.8	704
1998 XK ₇₇	1998 12 15.25099	04 11 47.81	+03 04 06.7	16.7	704	1998 XU ₇₇	1998 12 22.09637	04 36 28.05	+18 12 10.6	17.4	704
1998 XK ₇₇	1998 12 15.26590	04 11 47.10	+03 04 02.3	16.7	704	1998 XU ₇₇	1998 12 22.11903	04 36 26.90	+18 12 06.7	16.9	704
1998 XK ₇₇	1998 12 15.29566	04 11 45.53	+03 03 57.6	16.2	704	1998 XU ₇₇	1998 12 22.14169	04 36 25.90	+18 12 01.9	16.9	704
1998 XK ₇₇	1998 12 22.07091	04 06 47.06	+02 50 13.2	17.7	704	1998 XV ₇₇	* 1998 12 15.30127	04 29 34.21	+14 26 49.3	17.0	704
1998 XK ₇₇	1998 12 22.09364	04 06 46.09	+02 50 12.3	17.6	704	1998 XV ₇₇	1998 12 15.31611	04 29 33.25	+14 26 57.1	17.1	704
1998 XK ₇₇	1998 12 22.11630	04 06 45.24	+02 50 09.3	17.3	704	1998 XV ₇₇	1998 12 15.33096	04 29 32.32	+14 27 04.5	17.1	704
1998 XK ₇₇	1998 12 22.13896	04 06 44.32	+02 50 08.1	17.3	704	1998 XV ₇₇	1998 12 15.34576	04 29 31.41	+14 27 11.1	17.1	704
1998 XK ₇₇	1998 12 22.16166	04 06 43.36	+02 50 06.1	17.3	704	1998 XV ₇₇	1998 12 15.36051	04 29 30.49	+14 27 17.7	17.2	704
1998 XK ₇₇	1999 01 13.21484	03 59 19.80	+03 23 02.4	17.3 R	699	1998 XV ₇₇	1998 12 22.06746	04 23 13.02	+15 20 37.3	15.9	704
1998 XK ₇₇	1999 01 13.23522	03 59 19.75	+03 23 06.8		699	1998 XV ₇₇	1998 12 22.09017	04 23 11.85	+15 20 48.4		704
1998 XK ₇₇	1999 01 13.25561	03 59 19.75	+03 23 12.1		699	1998 XV ₇₇	1998 12 22.11283	04 23 10.70	+15 20 59.5		704
1998 XL ₇₇	* 1998 12 15.23672	04 08 34.53	+10 27 00.1	15.6	704	1998 XV ₇₇	1998 12 22.13551	04 23 09.51	+15 21 10.2		704
1998 XL ₇₇	1998 12 15.25159	04 08 33.92	+10 27 04.6	15.6	704	1998 XV ₇₇	1998 12 22.15820	04 23 08.29	+15 21 21.4		704
1998 XL ₇₇	1998 12 15.26648	04 08 33.23	+10 27 06.3	15.5	704	1998 XV ₇₇	1999 01 07.23396	04 13 53.64	+17 33 13.7	17.0	704
1998 XL ₇₇	1998 12 15.28142	04 08 32.60	+10 27 09.4		704	1998 XV ₇₇	1999 01 07.24432	04 13 53.51	+17 33 20.2	17.0	704
1998 XL ₇₇	1998 12 15.29627	04 08 31.87	+10 27 12.7		704	1998 XV ₇₇	1999 01 07.25467	04 13 53.19	+17 33 24.8	17.0	704
1998 XL ₇₇	1998 12 22.06536	04 03 49.84	+10 51 44.9	16.6	704	1998 XV ₇₇	1999 01 07.26502	04 13 53.05	+17 33 29.5	17.0	704
1998 XL ₇₇	1998 12 22.08807	04 03 49.00	+10 51 50.3		704	1998 XV ₇₇	1999 01 11.23793	04 13 02.39	+18 06 06.9	17.3	704
1998 XL ₇₇	1998 12 22.11072	04 03 48.07	+10 51 55.1		704	1998 XV ₇₇	1999 01 11.24855	04 13 02.27	+18 06 11.6	17.3	704
1998 XL ₇₇	1998 12 22.13340	04 03 47.20	+10 52 00.9		704	1998 XV ₇₇	1999 01 11.25918	04 13 02.15	+18 06 16.1	17.3	704
1998 XL ₇₇	1998 12 22.15609	04 03 46.25	+10 52 05.5	16.4	704	1998 XV ₇₇	1999 01 11.26978	04 13 01.85	+18 06 20.8	17.1	704
1998 XM ₇₇	* 1998 12 15.23691	04 13 28.56	+13 03 14.8	17.0	704	1998 XV ₇₇	1999 01 11.28034	04 13 01.86	+18 06 28.5	17.1	704
1998 XM ₇₇	1998 12 15.26668	04 13 27.03	+13 03 11.7	16.7	704	1998 XW ₇₇	* 1998 12 15.30127	04 30 43.84	+13 26 49.7	17.5	704
1998 XM ₇₇	1998 12 15.28161	04 13 26.40	+13 03 10.9	16.7	704	1998 XW ₇₇	1998 12 15.31611	04 30 43.10	+13 26 47.6	17.5	704
1998 XM ₇₇	1998 12 15.29647	04 13 25.48	+13 03 11.1	16.8	704	1998 XW ₇₇	1998 12 15.33096	04 30 42.37	+13 26 46.4	17.4	704
1998 XM ₇₇	1998 12 22.08972	04 08 28.05	+13 02 10.7	16.3	704	1998 XW ₇₇	1998 12 15.34576	04 30 41.53	+13 26 44.6	17.4	704
1998 XM ₇₇	1998 12 22.11238	04 08 27.12	+13 02 11.1	16.3	704	1998 XW ₇₇	1998 12 15.36051	04 30 40.65	+13 26 45.1	17.6	704
1998 XM ₇₇	1998 12 22.13505	04 08 26.15	+13 02 12.3	16.3	704	1998 XW ₇₇	1998 12 22.06942	04 25 25.19	+13 21 38.1	17.0	704
1998 XM ₇₇	1998 12 22.15774	04 08 25.16	+13 02 13.6	16.5	704	1998 XW ₇₇	1998 12 22.09213	04 25 24.24	+13 21 37.0	16.9	704
1998 XN ₇₇	* 1998 12 15.23944	04 26 10.09	+03 43 10.2	15.8	704	1998 XW ₇₇	1998 12 22.11478	04 25 23.13	+13 21 37.6		704
1998 XN ₇₇	1998 12 15.25434	04 26 09.74	+03 43 05.8	15.8	704	1998 XW ₇₇	1998 12 22.13746	04 25 22.12	+13 21 36.7		704
1998 XN ₇₇	1998 12 15.26924	04 26 09.19	+03 43 03.8	15.8	704	1998 XW ₇₇	1998 12 22.16017	04 25 21.10	+13 21 36.3		704
1998 XN ₇₇	1998 12 15.29909	04 26 08.27	+03 43 01.1	15.8	704	1998 XX ₇₇	* 1998 12 15.30146	04 29 42.50	+11 43 37.8	17.6	704
1998 XN ₇₇	1998 12 22.07664	04 22 56.35	+03 31 29.5	17.6	704	1998 XX ₇₇	1998 12 15.31630	04 29 41.88	+11 43 35.7	17.6	704
1998 XN ₇₇	1998 12 22.09938	04 22 55.74	+03 31 25.6	17.2	704	1998 XX ₇₇	1998 12 15.33115	04 29 41.26	+11 43 35.7	17.8	704
1998 XN ₇₇	1998 12 22.12202	04 22 55.06	+03 31 26.3	17.2	704	1998 XX ₇₇	1998 12 15.34595	04 29 40.46	+11 43 35.9	18.0	704
1998 XN ₇₇	1998 12 22.14468	04 22 54.47	+03 31 24.5	17.2	704	1998 XX ₇₇	1998 12 15.36070	04 29 39.69	+11 43 34.6	18.1	704
1998 XN ₇₇	1998 12 22.16739	04 22 53.80	+03 31 23.5	17.4	704	1998 XX ₇₇	1998 12 22.06957	04 24 47.57	+11 39 30.6	18.1	704
1998 XO ₇₇	* 1998 12 15.25159	04 07 14.28	+09 47 14.6	16.1	704	1998 XX ₇₇	1998 12 22.11495	04 24 45.73	+11 39 26.6	16.9	704
1998 XO ₇₇	1998 12 15.26648	04 07 13.47	+09 47 19.4	16.1	704	1998 XX ₇₇	1998 12 22.13761	04 24 44.71	+11 39 27.3	16.9	704
1998 XO ₇₇	1998 12 15.28142	04 07 12.78	+09 47 24.7	16.3	704	1998 XX ₇₇	1998 12 22.16032	04 24 43.76	+11 39 27.0	17.5	704
1998 XO ₇₇	1998 12 15.29627	04 07 11.86	+09 47 31.2	16.3	704	1998 XY ₇₇	* 1998 12 15.30156	04 30 12.84	+10 20 42.8	16.3	704
1998 XO ₇₇	1998 12 22.11072	04 01 58.31	+10 35 23.8	16.2	704	1998 XY ₇₇	1998 12 15.31640	04 30 12.03	+10 20 43.4	16.3	704
1998 XO ₇₇	1998 12 22.13340	04 01 57.33	+10 35 33.3	16.2	704	1998 XY ₇₇	1998 12 15.33125	04 30 11.07	+10 20 43.0	16.4	704
1998 XO ₇₇	1998 12 22.15609	04 01 56.38	+10 35 44.0	17.1	704	1998 XY ₇₇	1998 12 15.34605	04 30 10.29	+10 20 43.9	16.4	704
1998 XP ₇₇	* 1998 12 15.25327	04 13 04.45	+09 53 05.4	16.2	704	1998 XY ₇₇	1998 12 15.36080	04 30 09.46	+10 20 43.0	16.7	704
1998 XP ₇₇	1998 12 15.26817	04 13 03.55	+09 53 03.7	16.2	704	1998 XY ₇₇	1998 12 22.07258	04 24 32.60	+10 23 43.8	16.4	704
1998 XP ₇₇	1998 12 15.28309	04 13 02.64	+09 53 03.6	16.3	704	1998 XY ₇₇	1998 12 22.09531	04 24 31.62	+10 23 45.6	16.4	704
1998 XP ₇₇	1998 12 15.29794	04 13 01.85	+09 53 02.9	16.3	704	1998 XY ₇₇	1998 12 22.11797	04 24 30.45	+10 23 47.4	16.0	704
1998 XP ₇₇	1998 12 22.08943	04 07 17.32	+09 56 35.2	17.5	704	1998 XY ₇₇	1998 12 22.14063	04 24 29.42	+10 23 47.4	16.0	704
1998 XP ₇₇	1998 12 22.11207	04 07 16.40	+09 56 36.8	17.1	704	1998 XY ₇₇	1998 12 22.16331	04 24 28.25	+10 23 48.6	16.4	704
1998 XP ₇₇	1998 12 22.13475	04 07 15.22	+09 56 38.5	16.2	704	1998 XZ ₇₇	* 1998 12 15.30176	04 31 44.47	+08 57 26.2	17.6	704
1998 XP ₇₇	1998 12 22.15744	04 07 14.00	+09 56 39.6	17.1	704	1998 XZ ₇₇	1998 12 15.31659	04 31 43.87	+08 57 23.8	17.6	704
1998 XP ₇₇	1999 01 07.23238	03 58 43.72	+10 31 04.2	18.4	704	1998 XZ ₇₇	1998 12 15.33144	04 31 43.42	+08 57 23.6	17.6	704
1998 XP ₇₇	1999 01 07.24272	03 58 43.57	+10 31 08.7	18.4	704	1998 XZ ₇₇	1998 12 15.34624	04 31 42.96	+08 57 22.8	17.6	704
1998 XP ₇₇	1999 01 07.25308	03 58 43.27	+10 31 08.8	18.5	704	1998 XZ ₇₇	1998 12 15.36099	04 31 42.37	+08 57 22.1	17.9	704
1998 XP ₇₇	1999 01 10.22000	03 58 00.69	+10 41 01.0	18.0 R	699	1998 XZ ₇₇	1998 12 22.07590	04 28 25.43	+08 50 58.9	17.9	704
1998 XP ₇₇	1999 01 10.24774	03 58 00.25	+10 41 06.6		699	1998 XZ ₇₇	1998 12 22.09864	04 28 24.91	+08 50 58.9	17.5	704
1998 XP ₇₇	1999 01 10.27325	03 57 59.97	+10 41 12.0		699	1998 XZ ₇₇	1998 12 22.12129	04 28 24.19	+08 50 57.4	17.0	704
1998 XP ₇₇	1999 01 15.08519	03 57 25.98	+10 59 08.4	18.0 R	699	1998 XZ ₇₇	1998 12 22.14394	04 28 23.57	+08 50 56.5	17.0	704
1998 XP ₇₇	1999 01 15.10044	03 57 25.89	+10 59 12.4		699	1998 XZ ₇₇	1998 12 22.16665	04 28 22.90	+08 50 56.2	17.1	704
1998 XP ₇₇	1999 01 15.11573	03 57 25.88	+10 59 17.0		699	1998 XZ ₇₇	1999 01 14.18311	04 20 16.53	+08 52 01.3	17.5 R	699
1998 XQ ₇₇	* 1998 12 15.25494	04 22 38.94	+11 04 53.7	16.1	704	1998 XZ ₇₇	1999 01 14.20095	04 20 16.29	+08 52 03.1		699
1998 XQ ₇₇	1998 12 15.26984	04 22 38.11	+11 04 54.4	16.1	704	1998 XZ ₇₇	1999 01 14.21878	04 20 16.03	+08 52 03.8		699
1998 XQ ₇₇	1998 12 15.28476	04 22 37.33	+11 04 54.7	16.3	704	1998 XA ₇₈	* 1998 12 15.30176	04 32 30.39	+09 32 04.1	18.0	704
1998 XQ ₇₇	1998 12 15.29969	04 22 36.35	+11 04 56.7	16.3	704	1998 XA ₇₈	1998 12 15.33144	04 32 28.86	+09 32 03.9	17.5	704
1998 XQ ₇₇	1998 12 22.06972	04 17 05.22	+11 15 51.8	17.5	704	1998 XA ₇₈	1998 12 15.34624	04 32 28.16	+09 31 59.9	17.5	704
1998 XQ ₇₇	1998 12 22.09244	04 17 04.14	+11 15 55.9	16.9	704	1998 XA ₇₈	1998 12 22.07590	04 27 31.24	+09 19 44.5	17.9	704
1998 XQ ₇₇	1998 12 22.11511	04 17 03.15	+11 15 58.3	16.9	704	1998 XA ₇₈					

1998 XD ₇₈	1998 12 22.14454	04 27 08.95	+04 46 12.0	17.7	704	1998 XP ₇₈	1998 12 15.33331	04 45 53.51	+17 14 44.0	17.3	704
1998 XD ₇₈	1998 12 22.16724	04 27 07.95	+04 46 22.2	17.7	704	1998 XP ₇₈	1998 12 15.34810	04 45 52.58	+17 14 48.9	17.3	704
1998 XE ₇₈	* 1998 12 15.30283	04 39 06.58	+08 03 48.4	17.7	704	1998 XP ₇₈	1998 12 15.36285	04 45 51.64	+17 14 55.8	18.0	704
1998 XE ₇₈	1998 12 15.31766	04 39 05.97	+08 03 48.6	17.7	704	1998 XP ₇₈	1998 12 22.07364	04 39 24.62	+18 02 06.7	18.5	704
1998 XE ₇₈	1998 12 15.33250	04 39 05.35	+08 03 48.6	18.4	704	1998 XP ₇₈	1998 12 22.09637	04 39 23.10	+18 02 14.6	17.8	704
1998 XE ₇₈	1998 12 15.34731	04 39 04.45	+08 03 44.4	18.4	704	1998 XP ₇₈	1998 12 22.11903	04 39 22.00	+18 02 24.0	17.8	704
1998 XE ₇₈	1998 12 22.07785	04 34 05.99	+07 57 38.5	17.9	704	1998 XP ₇₈	1998 12 22.14169	04 39 20.75	+18 02 33.3	17.4	704
1998 XE ₇₈	1998 12 22.12324	04 34 04.15	+07 57 37.2	17.3	704	1998 XP ₇₈	1998 12 22.16438	04 39 19.47	+18 02 45.5	17.7	704
1998 XE ₇₈	1998 12 22.14590	04 34 03.16	+07 57 37.0	17.3	704	1998 XQ ₇₈	* 1998 12 15.30373	04 44 12.39	+19 20 14.1	16.8	704
1998 XE ₇₈	1998 12 22.16860	04 34 02.22	+07 57 36.8	17.8	704	1998 XQ ₇₈	1998 12 15.31855	04 44 11.47	+19 20 16.9	16.5	704
1998 XF ₇₈	* 1998 12 15.30303	04 33 25.90	+09 57 46.5	17.8	704	1998 XQ ₇₈	1998 12 15.33341	04 44 10.52	+19 20 19.8	16.5	704
1998 XF ₇₈	1998 12 15.31786	04 33 25.26	+09 57 43.6	17.8	704	1998 XQ ₇₈	1998 12 15.34820	04 44 09.67	+19 20 23.7	17.2	704
1998 XF ₇₈	1998 12 15.33270	04 33 24.53	+09 57 39.6	18.0	704	1998 XQ ₇₈	1998 12 22.07394	04 38 20.25	+19 46 29.1	18.4	704
1998 XF ₇₈	1998 12 15.34751	04 33 23.80	+09 57 35.3	17.9	704	1998 XQ ₇₈	1998 12 22.11933	04 38 18.04	+19 46 40.1	17.2	704
1998 XF ₇₈	1998 12 15.36226	04 33 23.03	+09 57 32.1	17.9	704	1998 XQ ₇₈	1998 12 22.14199	04 38 16.96	+19 46 46.2	17.2	704
1998 XF ₇₈	1998 12 22.07590	04 28 34.57	+09 32 46.2	17.7	704	1998 XQ ₇₈	1998 12 22.16469	04 38 15.85	+19 46 52.4	17.0	704
1998 XF ₇₈	1998 12 22.09864	04 28 33.68	+09 32 42.9	17.5	704	1998 XR ₇₈	* 1998 12 15.30383	04 45 21.57	+19 54 04.8	17.9	704
1998 XF ₇₈	1998 12 22.12129	04 28 32.73	+09 32 39.1	16.8	704	1998 XR ₇₈	1998 12 15.31865	04 45 20.70	+19 54 01.2	17.3	704
1998 XF ₇₈	1998 12 22.14394	04 28 31.77	+09 32 34.2	16.8	704	1998 XR ₇₈	1998 12 15.33351	04 45 19.93	+19 53 59.6	17.3	704
1998 XF ₇₈	1998 12 22.16665	04 28 30.82	+09 32 29.2	17.2	704	1998 XR ₇₈	1998 12 15.34830	04 45 19.13	+19 53 58.3	17.2	704
1998 XG ₇₈	* 1998 12 15.30303	04 33 28.75	+10 05 00.4	18.0	704	1998 XR ₇₈	1998 12 15.36305	04 45 18.30	+19 53 56.5	17.2	704
1998 XG ₇₈	1998 12 15.31786	04 33 27.78	+10 05 01.1	18.0	704	1998 XR ₇₈	1998 12 22.07394	04 39 51.11	+19 42 32.4	18.1	704
1998 XG ₇₈	1998 12 15.33270	04 33 26.78	+10 05 03.0	18.2	704	1998 XR ₇₈	1998 12 22.11933	04 39 49.00	+19 42 27.0	17.4	704
1998 XG ₇₈	1998 12 15.34751	04 33 25.93	+10 05 04.2	18.1	704	1998 XR ₇₈	1998 12 22.14199	04 39 47.89	+19 42 25.9	17.4	704
1998 XG ₇₈	1998 12 15.36226	04 33 25.08	+10 05 04.0	18.1	704	1998 XR ₇₈	1998 12 22.16469	04 39 46.87	+19 42 25.3	17.6	704
1998 XG ₇₈	1998 12 22.09546	04 27 09.10	+10 11 49.0	17.7	704	1998 XS ₇₈	* 1998 12 15.30383	04 46 21.33	+20 03 12.3	17.5	704
1998 XG ₇₈	1998 12 22.11813	04 27 07.76	+10 11 51.5	17.5	704	1998 XS ₇₈	1998 12 15.31865	04 46 20.39	+20 03 11.1	16.9	704
1998 XG ₇₈	1998 12 22.14078	04 27 06.53	+10 11 53.2	16.8	704	1998 XS ₇₈	1998 12 15.33351	04 46 19.43	+20 03 08.0	16.9	704
1998 XG ₇₈	1998 12 22.16347	04 27 05.28	+10 11 56.5	17.1	704	1998 XS ₇₈	1998 12 15.34830	04 46 18.43	+20 03 06.1	17.0	704
1998 XH ₇₈	* 1998 12 15.30303	04 38 28.24	+10 32 11.7	18.1	704	1998 XS ₇₈	1998 12 15.36305	04 46 17.45	+20 03 03.1	17.0	704
1998 XH ₇₈	1998 12 15.31786	04 38 27.39	+10 32 15.8	17.8	704	1998 XS ₇₈	1998 12 22.07394	04 39 26.44	+19 45 00.9	17.9	704
1998 XH ₇₈	1998 12 15.33270	04 38 26.64	+10 32 16.7	17.7	704	1998 XS ₇₈	1998 12 22.09668	04 39 25.17	+19 44 58.9	19.0	704
1998 XH ₇₈	1998 12 15.34751	04 38 25.91	+10 32 20.3	17.7	704	1998 XS ₇₈	1998 12 22.11933	04 39 23.74	+19 44 55.3	17.5	704
1998 XH ₇₈	1998 12 15.36226	04 38 25.21	+10 32 21.5	17.9	704	1998 XS ₇₈	1998 12 22.14199	04 39 22.40	+19 44 51.3	17.4	704
1998 XH ₇₈	1998 12 22.07560	04 33 02.28	+10 53 38.3	18.0	704	1998 XS ₇₈	1998 12 22.16469	04 39 21.03	+19 44 49.6	17.5	704
1998 XH ₇₈	1998 12 22.09833	04 33 01.26	+10 53 42.8	17.7	704	1998 XT ₇₈	* 1998 12 15.30383	04 50 09.25	+20 12 53.8	17.8	704
1998 XH ₇₈	1998 12 22.12098	04 33 00.22	+10 53 47.3	17.7	704	1998 XT ₇₈	1998 12 15.31865	04 50 08.29	+20 12 54.0	17.8	704
1998 XH ₇₈	1998 12 22.14364	04 32 59.15	+10 53 52.6	17.2	704	1998 XT ₇₈	1998 12 15.33351	04 50 07.34	+20 12 54.3	17.9	704
1998 XH ₇₈	1998 12 22.16635	04 32 58.15	+10 53 58.2	18.4	704	1998 XT ₇₈	1998 12 15.34830	04 50 06.45	+20 12 59.0	17.3	704
1998 XJ ₇₈	* 1998 12 15.30313	04 36 39.53	+11 39 35.1	17.0	704	1998 XT ₇₈	1998 12 15.36305	04 50 05.65	+20 12 58.9	17.3	704
1998 XJ ₇₈	1998 12 15.31795	04 36 38.66	+11 39 37.0	17.0	704	1998 XT ₇₈	1998 12 22.07394	04 43 45.93	+20 23 06.9	17.9	704
1998 XJ ₇₈	1998 12 15.33280	04 36 37.86	+11 39 37.2	17.3	704	1998 XT ₇₈	1998 12 22.09668	04 43 44.80	+20 23 07.2	18.2	704
1998 XJ ₇₈	1998 12 15.34761	04 36 37.01	+11 39 40.0	17.3	704	1998 XT ₇₈	1998 12 22.11933	04 43 43.50	+20 23 09.0	17.9	704
1998 XJ ₇₈	1998 12 15.36236	04 36 36.14	+11 39 41.3	17.3	704	1998 XT ₇₈	1998 12 22.14199	04 43 42.22	+20 23 12.1	17.7	704
1998 XJ ₇₈	1998 12 22.07288	04 31 09.88	+11 55 19.4	17.9	704	1998 XU ₇₈	* 1998 12 15.30383	04 50 21.27	+19 34 48.7	18.0	704
1998 XJ ₇₈	1998 12 22.09562	04 31 08.74	+11 55 23.8	17.2	704	1998 XU ₇₈	1998 12 15.31865	04 50 20.52	+19 34 44.9	17.3	704
1998 XJ ₇₈	1998 12 22.11828	04 31 07.76	+11 55 27.8	17.2	704	1998 XU ₇₈	1998 12 15.33351	04 50 19.74	+19 34 45.0	17.3	704
1998 XJ ₇₈	1998 12 22.14094	04 31 06.72	+11 55 32.7	17.1	704	1998 XU ₇₈	1998 12 15.34830	04 50 18.79	+19 34 42.3	17.4	704
1998 XJ ₇₈	1998 12 22.16361	04 31 05.66	+11 55 36.5	17.9	704	1998 XU ₇₈	1998 12 15.36305	04 50 18.15	+19 34 40.8	17.4	704
1998 XK ₇₈	* 1998 12 15.30323	04 39 03.69	+12 24 45.2	17.7	704	1998 XU ₇₈	1998 12 22.07455	04 44 35.93	+19 26 10.5	18.0	704
1998 XK ₇₈	1998 12 15.31805	04 39 02.75	+12 24 48.1	17.7	704	1998 XU ₇₈	1998 12 22.09729	04 44 34.94	+19 26 06.1	17.8	704
1998 XK ₇₈	1998 12 15.33290	04 39 01.84	+12 24 50.0	17.7	704	1998 XU ₇₈	1998 12 22.11993	04 44 33.73	+19 26 07.1	16.9	704
1998 XK ₇₈	1998 12 15.34771	04 39 00.93	+12 24 53.2	17.4	704	1998 XU ₇₈	1998 12 22.14259	04 44 32.61	+19 26 05.6	16.9	704
1998 XK ₇₈	1998 12 15.36246	04 38 59.94	+12 24 54.8	17.4	704	1998 XU ₇₈	1998 12 22.16530	04 44 31.44	+19 26 03.6	17.8	704
1998 XK ₇₈	1998 12 22.07303	04 32 25.69	+12 44 21.1	18.1	704	1998 XV ₇₈	* 1998 12 15.30403	04 48 35.68	+21 15 46.7	18.0	704
1998 XK ₇₈	1998 12 22.09577	04 32 24.62	+12 44 23.6	17.8	704	1998 XV ₇₈	1998 12 15.31885	04 48 34.89	+21 15 47.1	18.0	704
1998 XK ₇₈	1998 12 22.11842	04 32 23.24	+12 44 30.6	17.1	704	1998 XV ₇₈	1998 12 15.33370	04 48 34.06	+21 15 47.2	17.9	704
1998 XK ₇₈	1998 12 22.14109	04 32 21.88	+12 44 34.8	16.8	704	1998 XV ₇₈	1998 12 15.34851	04 48 33.18	+21 15 42.8	17.2	704
1998 XK ₇₈	1998 12 22.16377	04 32 20.46	+12 44 39.6	17.3	704	1998 XV ₇₈	1998 12 15.36325	04 48 32.41	+21 15 42.9	17.2	704
1998 XL ₇₈	* 1998 12 15.30332	04 39 32.14	+13 54 13.1	17.7	704	1998 XV ₇₈	1998 12 22.07410	04 43 01.85	+21 06 45.7	18.3	704
1998 XL ₇₈	1998 12 15.31814	04 39 31.28	+13 54 14.4	17.8	704	1998 XV ₇₈	1998 12 22.14214	04 42 58.56	+21 06 39.0	18.1	704
1998 XL ₇₈	1998 12 15.33299	04 39 30.28	+13 54 16.4	17.0	704	1998 XV ₇₈	1998 12 22.16485	04 42 57.31	+21 06 37.9	18.4	704
1998 XL ₇₈	1998 12 15.34780	04 39 29.34	+13 54 19.0	17.0	704	1998 XW ₇₈	* 1998 12 15.30403	04 50 49.57	+21 04 54.0	17.7	704
1998 XL ₇₈	1998 12 15.36255	04 39 28.41	+13 54 20.0	17.3	704	1998 XW ₇₈	1998 12 15.31885	04 50 48.77	+21 04 58.6	17.8	704
1998 XL ₇₈	1998 12 22.07318	04 33 10.78	+14 12 12.4	17.6	704	1998 XW ₇₈	1998 12 15.33370	04 50 47.96	+21 04 58.8	17.6	704
1998 XL ₇₈	1998 12 22.09592	04 33 09.53	+14 12 15.4	17.6	704	1998 XW ₇₈	1998 12 15.34851	04 50 47.00	+21 05 02.5	17.1	704
1998 XL ₇₈	1998 12 22.11857	04 33 08.29	+14 12 20.7	17.2	704	1998 XW ₇₈	1998 12 15.36325	04 50 46.31	+21 05 03.6	17.1	704
1998 XL ₇₈	1998 12 22.14123	04 33 07.07	+14 12 24.3	16.8	704	1998 XW ₇₈	1998 12 22.11948	04 44 46.88	+21 21 01.3	18.4	704
1998 XL ₇₈	1998 12 22.16392	04 33 05.93	+14 12 28.7	17.1	704	1998 XW ₇₈	1998 12 22.14214	04 44 45.63	+21 21 02.9	18.2	704

1998 XA ₇₉	1998 12 22.14274	04 45 08.45	+18 01 53.9	16.4	704	1998 XN ₇₉	* 1998 12 15.30578	04 52 32.67	+04 50 31.9	17.6	704
1998 XA ₇₉	1998 12 22.16545	04 45 07.29	+18 01 50.5	16.9	704	1998 XN ₇₉	1998 12 15.32060	04 52 31.99	+04 50 29.3	17.5	704
1998 XB ₇₉	* 1998 12 15.30452	04 48 58.88	+15 28 00.03	17.7	704	1998 XN ₇₉	1998 12 15.33546	04 52 31.05	+04 50 27.7	17.1	704
1998 XB ₇₉	1998 12 15.31934	04 48 57.87	+15 28 02.2	17.7	704	1998 XN ₇₉	1998 12 15.35024	04 52 30.26	+04 50 24.8	17.1	704
1998 XB ₇₉	1998 12 15.33419	04 48 56.75	+15 28 06.4	17.7	704	1998 XN ₇₉	1998 12 15.36500	04 52 29.50	+04 50 23.5	17.4	704
1998 XB ₇₉	1998 12 15.34899	04 48 55.96	+15 28 06.2	17.5	704	1998 XN ₇₉	1998 12 22.08283	04 46 40.76	+04 37 38.2	17.3	704
1998 XB ₇₉	1998 12 15.36374	04 48 54.87	+15 28 07.5	17.5	704	1998 XN ₇₉	1998 12 22.10556	04 46 39.57	+04 37 35.3	18.4	704
1998 XB ₇₉	1998 12 22.07500	04 42 06.70	+15 43 43.3	18.1	704	1998 XN ₇₉	1998 12 22.12821	04 46 38.41	+04 37 35.6	18.5	704
1998 XB ₇₉	1998 12 22.09774	04 42 05.17	+15 43 48.3	18.2	704	1998 XN ₇₉	1998 12 22.15089	04 46 37.19	+04 37 31.5	17.7	704
1998 XB ₇₉	1998 12 22.12038	04 42 03.95	+15 43 51.5	17.7	704	1998 XN ₇₉	1998 12 22.17371	04 46 36.12	+04 37 30.7	17.7	704
1998 XB ₇₉	1998 12 22.14304	04 42 02.58	+15 43 54.7	17.2	704	1998 XO ₇₉	* 1998 12 15.30587	04 52 24.96	+05 28 42.5	17.5	704
1998 XB ₇₉	1998 12 22.16575	04 42 01.10	+15 43 58.9	17.6	704	1998 XO ₇₉	1998 12 15.32069	04 52 24.58	+05 28 42.6	17.5	704
1998 XC ₇₉	* 1998 12 15.30461	04 43 19.46	+13 23 59.9	18.2	704	1998 XO ₇₉	1998 12 15.33555	04 52 23.98	+05 28 43.4	17.5	704
1998 XC ₇₉	1998 12 15.31944	04 43 18.50	+13 23 56.7	18.2	704	1998 XO ₇₉	1998 12 15.35034	04 52 23.57	+05 28 42.7	17.5	704
1998 XC ₇₉	1998 12 15.33429	04 43 17.60	+13 23 55.2	18.2	704	1998 XO ₇₉	1998 12 15.36509	04 52 23.07	+05 28 42.8	17.7	704
1998 XC ₇₉	1998 12 15.34909	04 43 16.72	+13 23 52.0	18.2	704	1998 XO ₇₉	1998 12 22.10586	04 48 58.93	+05 30 08.0	17.5	704
1998 XC ₇₉	1998 12 15.36383	04 43 15.82	+13 23 48.9	18.4	704	1998 XO ₇₉	1998 12 22.12852	04 48 58.47	+05 30 12.4	17.5	704
1998 XC ₇₉	1998 12 22.07530	04 37 10.98	+13 06 57.3	17.8	704	1998 XO ₇₉	1998 12 22.15120	04 48 57.72	+05 30 11.4	16.8	704
1998 XC ₇₉	1998 12 22.09804	04 37 09.76	+13 06 55.3	16.8	704	1998 XO ₇₉	1999 01 14.19713	04 39 50.15	+05 59 04.7	18.6	R
1998 XC ₇₉	1998 12 22.12068	04 37 08.55	+13 06 53.6	16.2	704	1998 XO ₇₉	1999 01 14.21498	04 39 49.71	+05 59 07.5	699	
1998 XC ₇₉	1998 12 22.14334	04 37 07.32	+13 06 50.2	704		1998 XO ₇₉	1999 01 14.23281	04 39 49.41	+05 59 10.3	699	
1998 XC ₇₉	1998 12 22.16605	04 37 06.15	+13 06 47.8	16.9	704	1998 XP ₇₉	* 1998 12 15.30608	04 50 37.91	+08 27 08.5	17.3	704
1998 XD ₇₉	* 1998 12 15.30461	04 44 27.55	+13 38 37.1	17.4	704	1998 XP ₇₉	1998 12 15.32089	04 50 37.23	+08 27 04.6	17.5	704
1998 XD ₇₉	1998 12 15.31944	04 44 26.72	+13 38 38.1	17.4	704	1998 XP ₇₉	1998 12 15.33575	04 50 36.50	+08 27 01.7	17.3	704
1998 XD ₇₉	1998 12 15.33429	04 44 25.78	+13 38 41.2	17.4	704	1998 XP ₇₉	1998 12 15.35053	04 50 35.75	+08 26 59.3	17.3	704
1998 XD ₇₉	1998 12 15.34909	04 44 24.97	+13 38 44.1	17.4	704	1998 XP ₇₉	1998 12 15.36529	04 50 34.97	+08 26 56.1	18.1	704
1998 XD ₇₉	1998 12 15.36383	04 44 24.05	+13 38 46.2	18.0	704	1998 XP ₇₉	1998 12 22.08178	04 45 28.49	+08 05 46.9	17.3	704
1998 XD ₇₉	1998 12 22.07515	04 38 30.70	+13 57 53.6	18.0	704	1998 XP ₇₉	1998 12 22.10450	04 45 27.48	+08 05 40.8	16.6	704
1998 XD ₇₉	1998 12 22.09789	04 38 29.44	+13 57 58.5	16.8	704	1998 XP ₇₉	1998 12 22.12716	04 45 26.40	+08 05 38.2	16.6	704
1998 XD ₇₉	1998 12 22.12053	04 38 28.30	+13 58 03.9	16.6	704	1998 XP ₇₉	1998 12 22.17266	04 45 24.44	+08 05 32.3	16.4	704
1998 XD ₇₉	1998 12 22.14319	04 38 27.16	+13 58 08.0	16.5	704	1998 XQ ₇₉	* 1998 12 15.30608	04 51 14.57	+08 06 46.4	18.6	704
1998 XD ₇₉	1998 12 22.16590	04 38 26.00	+13 58 12.4	16.7	704	1998 XQ ₇₉	1998 12 15.32089	04 51 13.73	+08 06 42.0	18.0	704
1998 XE ₇₉	* 1998 12 15.30471	04 46 09.58	+13 13 11.9	17.8	704	1998 XQ ₇₉	1998 12 15.33575	04 51 13.05	+08 06 37.7	18.0	704
1998 XE ₇₉	1998 12 15.31953	04 46 08.66	+13 13 16.7	17.8	704	1998 XQ ₇₉	1998 12 15.35053	04 51 12.13	+08 06 33.3	18.2	704
1998 XE ₇₉	1998 12 15.34918	04 46 06.64	+13 13 21.7	17.9	704	1998 XQ ₇₉	1998 12 15.36529	04 51 11.21	+08 06 31.6	18.2	704
1998 XE ₇₉	1998 12 15.36393	04 46 05.59	+13 13 26.5	18.3	704	1998 XQ ₇₉	1998 12 22.10450	04 45 32.75	+07 46 48.0	17.8	704
1998 XE ₇₉	1998 12 22.09789	04 39 23.76	+13 42 06.9	18.0	704	1998 XQ ₇₉	1998 12 22.12716	04 45 31.63	+07 46 43.0	17.8	704
1998 XE ₇₉	1998 12 22.12053	04 39 22.51	+13 42 12.0	18.0	704	1998 XQ ₇₉	1998 12 22.14984	04 45 30.46	+07 46 39.4	17.7	704
1998 XE ₇₉	1998 12 22.14319	04 39 21.18	+13 42 19.3	17.3	704	1998 XQ ₇₉	1998 12 22.17266	04 45 29.22	+07 46 37.4	17.7	704
1998 XE ₇₉	1998 12 22.16590	04 39 19.72	+13 42 25.7	17.4	704	1998 XR ₇₉	* 1998 12 15.30648	04 47 35.96	+13 19 21.5	18.1	704
1998 XF ₇₉	* 1998 12 15.30500	04 50 56.52	+10 18 56.6	18.0	704	1998 XR ₇₉	1998 12 15.32129	04 47 35.00	+13 19 25.7	18.1	704
1998 XF ₇₉	1998 12 15.31982	04 50 55.61	+10 18 55.9	17.8	704	1998 XR ₇₉	1998 12 15.33615	04 47 34.09	+13 19 30.4	17.9	704
1998 XF ₇₉	1998 12 15.33467	04 50 54.78	+10 18 52.5	17.4	704	1998 XR ₇₉	1998 12 15.35093	04 47 33.18	+13 19 33.2	17.9	704
1998 XF ₇₉	1998 12 15.34947	04 50 53.97	+10 18 52.7	17.4	704	1998 XR ₇₉	1998 12 15.36568	04 47 32.27	+13 19 35.5	18.4	704
1998 XF ₇₉	1998 12 15.36422	04 50 53.09	+10 18 52.4	17.6	704	1998 XR ₇₉	1998 12 22.07515	04 41 19.47	+13 50 47.6	18.0	704
1998 XF ₇₉	1998 12 22.12686	04 45 07.43	+10 13 56.6	18.4	704	1998 XR ₇₉	1998 12 22.12053	04 41 17.02	+13 51 01.7	17.4	704
1998 XF ₇₉	1998 12 22.14954	04 45 06.46	+10 13 55.3	18.8	704	1998 XR ₇₉	1998 12 22.14319	04 41 15.89	+13 51 07.6	17.1	704
1998 XF ₇₉	1998 12 22.17236	04 45 05.18	+10 13 57.0	18.4	704	1998 XR ₇₉	1998 12 22.16590	04 41 14.56	+13 51 15.6	17.7	704
1998 XG ₇₉	* 1998 12 15.30510	04 47 16.54	+09 06 32.4	16.7	704	1998 XS ₇₉	* 1998 12 15.30648	04 50 36.85	+12 29 26.5	17.6	704
1998 XG ₇₉	1998 12 15.31992	04 47 15.77	+09 06 35.5	704		1998 XS ₇₉	1998 12 15.32129	04 50 36.11	+12 29 26.4	17.5	704
1998 XG ₇₉	1998 12 15.33477	04 47 15.04	+09 06 39.6	704		1998 XS ₇₉	1998 12 15.33615	04 50 35.36	+12 29 26.4	704	
1998 XG ₇₉	1998 12 15.34957	04 47 14.20	+09 06 42.8	17.2	704	1998 XS ₇₉	1998 12 15.35093	04 50 34.66	+12 29 26.9	704	
1998 XG ₇₉	1998 12 15.36432	04 47 13.41	+09 06 46.2	17.2	704	1998 XS ₇₉	1998 12 15.36568	04 50 33.84	+12 29 27.1	17.3	704
1998 XG ₇₉	1998 12 22.07816	04 41 48.51	+09 36 19.0	16.9	704	1998 XS ₇₉	1998 12 22.07861	04 45 19.22	+12 31 49.8	17.7	704
1998 XG ₇₉	1998 12 22.10090	04 41 47.31	+09 36 24.5	704		1998 XS ₇₉	1998 12 22.12400	04 45 17.27	+12 31 50.5	17.6	704
1998 XG ₇₉	1998 12 22.12355	04 41 46.33	+09 36 31.6	704		1998 XS ₇₉	1998 12 22.14667	04 45 16.18	+12 31 51.0	16.8	704
1998 XG ₇₉	1998 12 22.14622	04 41 45.27	+09 36 38.5	704		1998 XS ₇₉	1998 12 22.16936	04 45 15.15	+12 31 52.2	17.2	704
1998 XG ₇₉	1998 12 22.16891	04 41 44.22	+09 36 45.4	704		1998 XT ₇₉	* 1998 12 15.30648	04 53 33.15	+13 20 51.4	17.3	704
1998 XH ₇₉	* 1998 12 15.30520	04 46 40.48	+07 45 50.4	17.4	704	1998 XT ₇₉	1998 12 15.32129	04 53 32.23	+13 20 56.7	704	
1998 XH ₇₉	1998 12 15.32002	04 46 39.57	+07 45 53.1	704		1998 XT ₇₉	1998 12 15.33615	04 53 31.38	+13 21 00.9	17.9	704
1998 XH ₇₉	1998 12 15.33487	04 46 38.65	+07 45 57.2	704		1998 XT ₇₉	1998 12 15.35093	04 53 30.50	+13 21 07.4	17.5	704
1998 XH ₇₉	1998 12 15.34966	04 46 37.78	+07 46 01.4	17.3	704	1998 XT ₇₉	1998 12 15.36568	04 53 29.50	+13 21 11.0	17.5	704
1998 XH ₇₉	1998 12 15.36441	04 46 36.83	+07 46 04.3	17.3	704	1998 XT ₇₉	1998 12 22.07876	04 47 14.48	+13 59 47.6	18.2	704
1998 XH ₇₉	1998 12 22.07800	04 40 12.14	+08 14 39.2	17.6	704	1998 XT ₇₉	1998 12 22.12415	04 47 12.01	+14 00 03.8	17.8	704
1998 XH ₇₉	1998 12 22.12340	04 40 09.62	+08 14 51.7	17.3	704	1998 XT ₇₉	1998 12 22.16951	04 47 09.46	+14 00 19.8	17.6	704
1998 XH ₇₉	1998 12 22.14607	04 40 08.42	+08 14 58.3	16.4	704	1998 XU ₇₉	* 1998 12 15.30718	04 55 19.72	+21 18 38.8	16.9	704
1998 XH ₇₉	1998 12 22.16875	04 40 07.10	+08 15 05.2	17.0	704	1998 XU ₇₉	1998 12 15.33685	04 55 18.75	+21 18 37.6	16.9	704
1998 XH ₇₉	1999 01 14.18439	04 26 04.67	+10 27 59.1	17.4	R	1998 XU ₇₉	1998 12 15.35162	04 55 18.11	+21 18 37.1	17.4	704
1998 XH ₇₉	1999 01 14.20222	04 26 04.34	+10 28 06.6	699		1998 XU ₇₉	1998 12 15.36640	04 55 17.61	+21 18 36.1	17.4	704
1998 XH ₇₉	1999 01 14.22006	04 26 03.97	+10 28 13.3	699	</						

1998 XY ₇₉	1998 12 22.12627	04 56 35.76	+14 42 45.9	17.6	704	1998 XL ₈₀	1998 12 15.33949	05 07 45.05	+10 22 43.2	17.6	704
1998 XY ₇₉	1998 12 22.14894	04 56 34.64	+14 42 43.1	17.6	704	1998 XL ₈₀	1998 12 15.35425	05 07 44.32	+10 22 41.8	17.6	704
1998 XY ₇₉	1998 12 22.17177	04 56 33.58	+14 42 38.7	17.8	704	1998 XL ₈₀	1998 12 15.36903	05 07 43.53	+10 22 40.8	17.6	704
1998 XZ ₇₉	* 1998 12 15.30816	04 56 09.82	+13 43 13.6	17.8	704	1998 XL ₈₀	1998 12 22.17765	05 02 08.15	+10 12 47.5	18.1	704
1998 XZ ₇₉	1998 12 15.32296	04 56 08.85	+13 43 17.2	18.2	704	1998 XL ₈₀	1998 12 22.20055	05 02 07.00	+10 12 46.0	18.1	704
1998 XZ ₇₉	1998 12 15.33783	04 56 07.92	+13 43 22.5	18.4	704	1998 XL ₈₀	1998 12 22.22324	05 02 05.93	+10 12 44.1	17.8	704
1998 XZ ₇₉	1998 12 15.35259	04 56 07.01	+13 43 29.0	18.3	704	1998 XL ₈₀	1998 12 22.24591	05 02 04.81	+10 12 41.9	17.8	704
1998 XZ ₇₉	1998 12 22.08103	04 49 35.88	+14 21 23.6	16.7	704	1998 XL ₈₀	1998 12 22.26875	05 02 03.71	+10 12 41.0	17.8	704
1998 XZ ₇₉	1998 12 22.10376	04 49 34.54	+14 21 32.3		704	1998 XM ₈₀	* 1998 12 15.30982	05 09 33.24	+10 07 08.3	18.3	704
1998 XZ ₇₉	1998 12 22.12642	04 49 33.29	+14 21 40.9		704	1998 XM ₈₀	1998 12 15.32463	05 09 32.25	+10 07 08.5	17.9	704
1998 XZ ₇₉	1998 12 22.14909	04 49 32.01	+14 21 48.5		704	1998 XM ₈₀	1998 12 15.33949	05 09 31.31	+10 07 08.7	17.5	704
1998 XA ₈₀	* 1998 12 15.30865	04 58 25.54	+08 31 43.7	17.8	704	1998 XM ₈₀	1998 12 15.35425	05 09 30.26	+10 07 09.0	17.5	704
1998 XA ₈₀	1998 12 15.32345	04 58 24.70	+08 31 42.0	17.8	704	1998 XM ₈₀	1998 12 15.36903	05 09 29.38	+10 07 09.8	17.7	704
1998 XA ₈₀	1998 12 15.33832	04 58 23.91	+08 31 40.5	17.7	704	1998 XM ₈₀	1998 12 22.17765	05 02 36.21	+10 14 08.2	17.8	704
1998 XA ₈₀	1998 12 15.35308	04 58 23.13	+08 31 38.9	17.6	704	1998 XM ₈₀	1998 12 22.20055	05 02 34.85	+10 14 10.6	18.3	704
1998 XA ₈₀	1998 12 15.36786	04 58 22.27	+08 31 37.2	17.6	704	1998 XM ₈₀	1998 12 22.22324	05 02 33.41	+10 14 12.5	18.3	704
1998 XA ₈₀	1998 12 22.08344	04 52 46.40	+08 23 33.0	16.7	704	1998 XM ₈₀	1998 12 22.24591	05 02 32.10	+10 14 14.6	18.2	704
1998 XA ₈₀	1998 12 22.10616	04 52 45.41	+08 23 31.2	16.7	704	1998 XM ₈₀	1998 12 22.26875	05 02 30.75	+10 14 16.6		704
1998 XA ₈₀	1998 12 22.12883	04 52 44.14	+08 23 31.2	17.5	704	1998 XN ₈₀	* 1998 12 15.30982	05 09 38.03	+10 04 16.2	18.2	704
1998 XA ₈₀	1998 12 22.17433	04 52 42.00	+08 23 30.2	15.9	704	1998 XN ₈₀	1998 12 15.32463	05 09 37.12	+10 04 16.3	18.5	704
1998 XB ₈₀	* 1998 12 15.30865	05 00 48.53	+09 03 44.4	18.0	704	1998 XN ₈₀	1998 12 15.35425	05 09 35.16	+10 04 12.1	18.5	704
1998 XB ₈₀	1998 12 15.32345	05 00 47.67	+09 03 46.6	17.7	704	1998 XN ₈₀	1998 12 15.36903	05 09 34.06	+10 04 12.3	18.4	704
1998 XB ₈₀	1998 12 15.33832	05 00 46.74	+09 03 48.6	17.7	704	1998 XN ₈₀	1998 12 22.17765	05 02 43.17	+10 01 55.4	18.4	704
1998 XB ₈₀	1998 12 15.35308	05 00 45.81	+09 03 48.7	18.3	704	1998 XN ₈₀	1998 12 22.20055	05 02 41.76	+10 01 55.6	18.6	704
1998 XB ₈₀	1998 12 15.36786	05 00 44.85	+09 03 50.4	18.7	704	1998 XN ₈₀	1998 12 22.22324	05 02 40.37	+10 01 55.9	18.7	704
1998 XB ₈₀	1998 12 22.10631	04 54 24.00	+09 17 59.7	17.5	704	1998 XN ₈₀	1998 12 22.24591	05 02 38.96	+10 01 56.8	18.9	704
1998 XB ₈₀	1998 12 22.12898	04 54 22.93	+09 18 02.0	18.0	704	1998 XN ₈₀	1998 12 22.26875	05 02 37.67	+10 01 56.5	18.4	704
1998 XB ₈₀	1998 12 22.15166	04 54 21.56	+09 18 09.1	17.4	704	1998 XO ₈₀	* 1998 12 15.30992	05 09 13.39	+12 08 17.3	18.7	704
1998 XC ₈₀	* 1998 12 15.30865	05 00 57.00	+08 55 51.6	17.2	704	1998 XO ₈₀	1998 12 15.32474	05 09 12.47	+12 08 17.4	18.7	704
1998 XC ₈₀	1998 12 15.32345	05 00 56.19	+08 55 50.5	17.6	704	1998 XO ₈₀	1998 12 15.33959	05 09 11.85	+12 08 17.5	18.7	704
1998 XC ₈₀	1998 12 15.33832	05 00 55.34	+08 55 49.8	17.6	704	1998 XO ₈₀	1998 12 15.36913	05 09 10.30	+12 08 17.8	18.6	704
1998 XC ₈₀	1998 12 15.35308	05 00 54.48	+08 55 49.8	17.6	704	1998 XO ₈₀	1998 12 22.17750	05 03 32.25	+12 08 12.4	19.2	704
1998 XC ₈₀	1998 12 15.36786	05 00 53.65	+08 55 48.1	17.6	704	1998 XO ₈₀	1998 12 22.20040	05 03 31.27	+12 08 13.0	19.6	704
1998 XC ₈₀	1998 12 22.08360	04 55 01.01	+08 55 59.1	17.5	704	1998 XO ₈₀	1998 12 22.22309	05 03 29.99	+12 08 11.6	19.0	704
1998 XC ₈₀	1998 12 22.10631	04 54 59.79	+08 55 58.3	16.6	704	1998 XO ₈₀	1998 12 22.24576	05 03 28.88	+12 08 13.2	18.7	704
1998 XC ₈₀	1998 12 22.12898	04 54 58.57	+08 55 59.5	17.0	704	1998 XO ₈₀	1998 12 22.26860	05 03 27.83	+12 08 14.3	18.7	704
1998 XC ₈₀	1998 12 22.15166	04 54 57.35	+08 56 00.9	16.2	704	1998 XP ₈₀	* 1998 12 15.30992	05 09 31.07	+11 26 11.2	17.8	704
1998 XC ₈₀	1998 12 22.17448	04 54 56.30	+08 56 01.0	16.2	704	1998 XP ₈₀	1998 12 15.32474	05 09 30.14	+11 26 06.8	17.9	704
1998 XD ₈₀	* 1998 12 15.30894	04 55 50.96	+05 56 33.3	17.2	704	1998 XP ₈₀	1998 12 15.33959	05 09 29.22	+11 26 02.5	17.9	704
1998 XD ₈₀	1998 12 15.32374	04 55 49.95	+05 56 25.6	17.3	704	1998 XP ₈₀	1998 12 15.35435	05 09 28.29	+11 25 58.1	17.9	704
1998 XD ₈₀	1998 12 15.33861	04 55 48.86	+05 56 19.6	17.1	704	1998 XP ₈₀	1998 12 15.36913	05 09 27.36	+11 25 53.8	17.9	704
1998 XD ₈₀	1998 12 15.35337	04 55 47.93	+05 56 12.8	17.4	704	1998 XP ₈₀	1998 12 22.17765	05 02 53.20	+10 55 22.5	18.8	704
1998 XD ₈₀	1998 12 15.36815	04 55 46.80	+05 56 06.9	17.4	704	1998 XP ₈₀	1998 12 22.20055	05 02 51.92	+10 55 18.7	18.3	704
1998 XD ₈₀	1998 12 22.10586	04 48 39.29	+05 11 46.8	17.3	704	1998 XP ₈₀	1998 12 22.22324	05 02 50.70	+10 55 13.2	18.2	704
1998 XD ₈₀	1998 12 22.12852	04 48 37.91	+05 11 39.0	17.6	704	1998 XP ₈₀	1998 12 22.24591	05 02 49.42	+10 55 07.6	18.4	704
1998 XD ₈₀	1998 12 22.15120	04 48 36.39	+05 11 32.5	17.1	704	1998 XP ₈₀	1998 12 22.26875	05 02 48.18	+10 55 02.5	18.0	704
1998 XD ₈₀	1998 12 22.17402	04 48 35.06	+05 11 25.1	16.6	704	1998 XQ ₈₀	* 1998 12 15.30992	05 09 34.38	+12 02 59.6	18.3	704
1998 XE ₈₀	* 1998 12 15.30894	05 00 44.85	+05 50 05.5	18.1	704	1998 XQ ₈₀	1998 12 15.32474	05 09 33.49	+12 03 03.7	18.3	704
1998 XE ₈₀	1998 12 15.33861	05 00 43.18	+05 49 57.8	17.7	704	1998 XQ ₈₀	1998 12 15.33959	05 09 32.34	+12 03 04.2	18.3	704
1998 XE ₈₀	1998 12 15.35337	05 00 42.48	+05 49 53.7	17.9	704	1998 XQ ₈₀	1998 12 15.35435	05 09 31.45	+12 03 08.6	18.2	704
1998 XE ₈₀	1998 12 15.36815	05 00 41.49	+05 49 52.6	17.9	704	1998 XQ ₈₀	1998 12 15.36913	05 09 30.36	+12 03 09.9	18.2	704
1998 XE ₈₀	1998 12 22.17825	04 55 02.36	+05 33 52.3	18.3	704	1998 XQ ₈₀	1998 12 22.17735	05 02 03.38	+12 25 02.5	18.7	704
1998 XE ₈₀	1998 12 22.20114	04 55 01.24	+05 33 50.2	18.1	704	1998 XQ ₈₀	1998 12 22.20025	05 02 01.87	+12 25 01.1	19.0	704
1998 XE ₈₀	1998 12 22.22383	04 55 00.09	+05 33 47.4	17.9	704	1998 XQ ₈₀	1998 12 22.22294	05 02 00.39	+12 25 13.4	18.9	704
1998 XE ₈₀	1998 12 22.24651	04 54 59.00	+05 33 46.3	17.9	704	1998 XQ ₈₀	1998 12 22.24561	05 01 58.88	+12 25 18.3	19.2	704
1998 XE ₈₀	1998 12 22.26934	04 54 57.89	+05 33 44.2	17.9	704	1998 XQ ₈₀	1998 12 22.26845	05 01 57.44	+12 25 23.5	19.1	704
1998 XF ₈₀	* 1998 12 15.30903	04 55 44.35	+04 05 17.1	18.2	704	1998 XR ₈₀	* 1998 12 15.30992	05 11 01.21	+11 43 58.0	17.1	704
1998 XF ₈₀	1998 12 15.32383	04 55 43.44	+04 05 17.4	17.9	704	1998 XR ₈₀	1998 12 15.32474	05 11 00.27	+11 44 00.1		704
1998 XF ₈₀	1998 12 15.33870	04 55 42.54	+04 05 16.9	17.9	704	1998 XR ₈₀	1998 12 15.33959	05 10 59.41	+11 44 02.9		704
1998 XF ₈₀	1998 12 15.35346	04 55 41.63	+04 05 14.0	18.2	704	1998 XR ₈₀	1998 12 15.35435	05 10 58.59	+11 44 05.4		704
1998 XF ₈₀	1998 12 15.36824	04 55 40.79	+04 05 13.3	18.2	704	1998 XR ₈₀	1998 12 15.36913	05 10 57.66	+11 44 08.0		704
1998 XF ₈₀	1998 12 22.17855	04 49 28.27	+04 00 01.8	18.6	704	1998 XR ₈₀	1998 12 22.17750	05 04 41.32	+12 05 51.4	17.5	704
1998 XF ₈₀	1998 12 22.20145	04 49 26.99	+04 00 02.6	18.6	704	1998 XR ₈₀	1998 12 22.20040	05 04 40.05	+12 05 55.9		704
1998 XF ₈₀	1998 12 22.24681	04 49 24.44	+04 00 02.4	18.8	704	1998 XR ₈₀	1998 12 22.22309	05 04 38.84	+12 06 00.8		704
1998 XF ₈₀	1998 12 22.26964	04 49 23.41	+04 00 03.9	18.8	704	1998 XR ₈₀	1998 12 22.24576	05 04 37.62	+12 06 04.8		704
1998 XG ₈₀	* 1998 12 15.30963	05 05 45.42	+08 17 00.2	16.9	704	1998 XR ₈₀	1998 12 22.26860	05 04 36.36	+12 06 11.0		704
1998 XG ₈₀	1998 12 15.32444	05 05 44.59	+08 17 02.7		704	1998 XS ₈₀	* 1998 12 15.30992	05 11 01.71	+10 59 14.6	18.7	704
1998 XG ₈₀	1998 12 15.33929	05 05 43.88	+08 17 06.1		704	1998 XS ₈₀	1998 12 15.32474	05 11 00.73	+10 59 17.4	17.6	704
1998 XG ₈₀	1998 12 15.35405	05 05 43.06	+08 17 08.4		704	1998 XS ₈₀	1998 12 15.33959	05 11 00.05	+10 59 17.5	17.6	704
1998 XG ₈₀	1998 12 15.36883	05 05 42.39	+08 17 11.9								

1998 XW ₈₀	1998 12 15.33978	05 03 29.24	+13 23 17.6	18.3	704	1998 XH ₈₁	1998 12 22.20435	05 08 50.36	+12 50 37.1	18.3	704
1998 XW ₈₀	1998 12 15.35454	05 03 28.35	+13 23 13.4	18.1	704	1998 XH ₈₁	1998 12 22.22705	05 08 49.04	+12 50 37.1	18.5	704
1998 XW ₈₀	1998 12 22.08405	04 57 06.01	+12 56 09.0	18.0	704	1998 XH ₈₁	1998 12 22.24971	05 08 47.62	+12 50 36.8	18.5	704
1998 XW ₈₀	1998 12 22.10676	04 57 04.81	+12 56 03.2	17.3	704	1998 XH ₈₁	1998 12 22.27256	05 08 46.37	+12 50 36.6	18.6	704
1998 XW ₈₀	1998 12 22.12944	04 57 03.45	+12 55 58.9	17.0	704	1998 XJ ₈₁	* 1998 12 15.31180	05 17 10.87	+12 46 23.7	18.7	704
1998 XW ₈₀	1998 12 22.15211	04 57 02.38	+12 55 52.3	17.7	704	1998 XJ ₈₁	1998 12 15.32661	05 17 09.94	+12 46 28.4	18.7	704
1998 XW ₈₀	1998 12 22.17494	04 57 00.98	+12 55 48.7	16.6	704	1998 XJ ₈₁	1998 12 15.34147	05 17 09.02	+12 46 33.1	18.7	704
1998 XX ₈₀	* 1998 12 15.31052	05 13 45.89	+19 22 34.2	18.7	704	1998 XJ ₈₁	1998 12 15.35621	05 17 08.09	+12 46 37.8	18.8	704
1998 XX ₈₀	1998 12 15.32533	05 13 44.94	+19 22 34.5	18.3	704	1998 XJ ₈₁	1998 12 15.37119	05 17 07.16	+12 46 42.4		704
1998 XX ₈₀	1998 12 15.34019	05 13 43.98	+19 22 39.1	18.3	704	1998 XJ ₈₁	1998 12 22.20450	05 10 13.03	+13 23 30.0	18.7	704
1998 XX ₈₀	1998 12 15.35494	05 13 43.10	+19 22 43.5	18.0	704	1998 XJ ₈₁	1998 12 22.22720	05 10 11.77	+13 23 37.6	19.3	704
1998 XX ₈₀	1998 12 15.36972	05 13 42.07	+19 22 44.7	18.0	704	1998 XJ ₈₁	1998 12 22.27271	05 10 08.65	+13 23 51.7	19.3	704
1998 XX ₈₀	1998 12 22.17585	05 06 53.38	+19 47 06.1	18.7	704	1998 XK ₈₁	* 1998 12 15.31189	05 13 12.61	+11 30 15.3	18.8	704
1998 XX ₈₀	1998 12 22.22144	05 06 50.54	+19 47 16.2	19.8	704	1998 XK ₈₁	1998 12 15.32670	05 13 11.87	+11 30 15.9	18.6	704
1998 XX ₈₀	1998 12 22.24412	05 06 49.25	+19 47 19.5	19.6	704	1998 XK ₈₁	1998 12 15.34156	05 13 10.90	+11 30 16.0	18.6	704
1998 XY ₈₀	* 1998 12 15.31052	05 15 33.65	+18 58 35.4	18.6	704	1998 XK ₈₁	1998 12 15.35631	05 13 10.04	+11 30 17.0	18.5	704
1998 XY ₈₀	1998 12 15.32533	05 15 32.69	+18 58 35.7	18.6	704	1998 XK ₈₁	1998 12 15.37129	05 13 09.17	+11 30 20.8	18.5	704
1998 XY ₈₀	1998 12 15.34019	05 15 31.74	+18 58 32.6	18.8	704	1998 XK ₈₁	1998 12 22.18131	05 06 50.71	+11 45 14.4	18.5	704
1998 XY ₈₀	1998 12 15.35494	05 15 30.47	+18 58 31.7	18.4	704	1998 XK ₈₁	1998 12 22.20420	05 06 49.43	+11 45 19.1	19.2	704
1998 XY ₈₀	1998 12 15.36972	05 15 29.52	+18 58 29.9	18.4	704	1998 XK ₈₁	1998 12 22.22690	05 06 48.21	+11 45 21.0	18.4	704
1998 XY ₈₀	1998 12 22.17570	05 07 52.42	+18 47 08.0	18.9	704	1998 XK ₈₁	1998 12 22.24956	05 06 46.99	+11 45 26.1	18.7	704
1998 XY ₈₀	1998 12 22.19851	05 07 51.01	+18 47 08.0	19.0	704	1998 XL ₈₁	* 1998 12 15.31189	05 13 18.14	+11 51 38.5	18.3	704
1998 XY ₈₀	1998 12 22.22129	05 07 49.54	+18 47 03.9	19.2	704	1998 XL ₈₁	1998 12 15.32670	05 13 17.45	+11 51 40.4	18.4	704
1998 XY ₈₀	1998 12 22.24396	05 07 47.96	+18 47 04.1	19.1	704	1998 XL ₈₁	1998 12 15.34156	05 13 16.47	+11 51 42.7	18.3	704
1998 XZ ₈₀	* 1998 12 15.31062	05 13 47.74	+19 35 04.7	18.9	704	1998 XL ₈₁	1998 12 15.35631	05 13 15.59	+11 51 44.1	17.7	704
1998 XZ ₈₀	1998 12 15.32543	05 13 46.79	+19 35 04.9	18.4	704	1998 XL ₈₁	1998 12 15.37129	05 13 14.70	+11 51 45.3	17.7	704
1998 XZ ₈₀	1998 12 15.34029	05 13 45.67	+19 35 07.4	18.4	704	1998 XL ₈₁	1998 12 22.18131	05 07 04.35	+12 09 29.8	17.9	704
1998 XZ ₈₀	1998 12 15.35504	05 13 44.72	+19 35 05.3	18.3	704	1998 XL ₈₁	1998 12 22.20420	05 07 03.10	+12 09 34.2	17.8	704
1998 XZ ₈₀	1998 12 15.36982	05 13 43.73	+19 35 07.7	18.3	704	1998 XL ₈₁	1998 12 22.22690	05 07 01.85	+12 09 38.0	17.8	704
1998 XZ ₈₀	1998 12 22.17585	05 06 27.15	+19 42 17.0	19.5	704	1998 XL ₈₁	1998 12 22.24956	05 07 00.54	+12 09 44.0	18.1	704
1998 XZ ₈₀	1998 12 22.19875	05 06 25.63	+19 42 20.9	19.1	704	1998 XL ₈₁	1998 12 22.27241	05 06 59.35	+12 09 46.2	18.1	704
1998 XZ ₈₀	1998 12 22.22144	05 06 24.24	+19 42 21.5	19.0	704	1998 XM ₈₁	* 1998 12 15.31189	05 17 21.57	+11 18 51.7	18.5	704
1998 XZ ₈₀	1998 12 22.26694	05 06 21.10	+19 42 26.5	19.3	704	1998 XM ₈₁	1998 12 15.32670	05 17 20.91	+11 18 47.4	18.3	704
1998 XA ₈₁	* 1998 12 15.31092	05 20 58.68	+22 49 40.9	18.5	704	1998 XM ₈₁	1998 12 15.34156	05 17 20.03	+11 18 44.1	18.3	704
1998 XA ₈₁	1998 12 15.34058	05 20 56.70	+22 49 41.2	18.2	704	1998 XM ₈₁	1998 12 15.35631	05 17 19.31	+11 18 42.5	18.6	704
1998 XA ₈₁	1998 12 15.35534	05 20 55.72	+22 49 43.7	18.1	704	1998 XM ₈₁	1998 12 15.37129	05 17 18.65	+11 18 38.8	18.6	704
1998 XA ₈₁	1998 12 15.37011	05 20 54.65	+22 49 43.1	18.1	704	1998 XM ₈₁	1998 12 22.20420	05 11 51.06	+10 58 28.0	19.1	704
1998 XA ₈₁	1998 12 22.19905	05 13 28.59	+22 55 57.6	19.4	704	1998 XM ₈₁	1998 12 22.22690	05 11 50.00	+10 58 24.5	19.1	704
1998 XA ₈₁	1998 12 22.22174	05 13 27.07	+22 55 58.5	19.7	704	1998 XM ₈₁	1998 12 22.24956	05 11 48.83	+10 58 23.1	18.8	704
1998 XA ₈₁	1998 12 22.24442	05 13 25.66	+22 56 00.3	19.4	704	1998 XM ₈₁	1998 12 22.27241	05 11 47.77	+10 58 19.4	18.8	704
1998 XA ₈₁	1998 12 22.26724	05 13 24.02	+22 56 02.6	19.3	704	1998 XN ₈₁	* 1998 12 15.31200	05 12 27.40	+10 10 55.1	18.2	704
1998 XB ₈₁	* 1998 12 15.31102	05 23 05.93	+21 39 07.2	18.6	704	1998 XN ₈₁	1998 12 15.32680	05 12 26.49	+10 10 59.8	18.6	704
1998 XB ₈₁	1998 12 15.32582	05 23 04.96	+21 39 07.3	18.6	704	1998 XN ₈₁	1998 12 15.34166	05 12 25.79	+10 11 02.3	18.7	704
1998 XB ₈₁	1998 12 15.34068	05 23 03.75	+21 39 07.4	18.7	704	1998 XN ₈₁	1998 12 15.37139	05 12 24.04	+10 11 07.8	18.4	704
1998 XB ₈₁	1998 12 15.35543	05 23 02.70	+21 39 11.9	18.8	704	1998 XN ₈₁	1998 12 22.17991	05 06 29.17	+10 35 42.3	18.5	704
1998 XB ₈₁	1998 12 16.24249	05 21 57.01	+21 40 16.8	19.0	704	1998 XN ₈₁	1998 12 22.20281	05 06 27.94	+10 35 47.6	19.3	704
1998 XB ₈₁	1998 12 16.29616	05 21 52.94	+21 40 22.0	19.1	704	1998 XN ₈₁	1998 12 22.22551	05 06 26.72	+10 35 52.8	17.9	704
1998 XB ₈₁	1998 12 16.34373	05 21 49.35	+21 40 25.7	18.9	704	1998 XN ₈₁	1998 12 22.24817	05 06 25.51	+10 35 59.3	18.6	704
1998 XB ₈₁	1998 12 16.39187	05 21 45.71	+21 40 28.9	19.0	704	1998 XN ₈₁	1998 12 22.27102	05 06 24.40	+10 36 06.1	18.9	704
1998 XB ₈₁	1998 12 22.17630	05 14 51.18	+21 47 27.6	19.3	704	1998 XO ₈₁	* 1998 12 15.31200	05 15 35.03	+10 31 09.9	18.4	704
1998 XB ₈₁	1998 12 22.19920	05 14 49.59	+21 47 29.9	19.2	704	1998 XO ₈₁	1998 12 15.32680	05 15 34.19	+10 31 12.9	17.6	704
1998 XB ₈₁	1998 12 22.22189	05 14 48.00	+21 47 29.9	19.4	704	1998 XO ₈₁	1998 12 15.34166	05 15 33.32	+10 31 13.3	17.6	704
1998 XB ₈₁	1998 12 22.24457	05 14 46.34	+21 47 30.5	19.2	704	1998 XO ₈₁	1998 12 15.35641	05 15 32.52	+10 31 16.0	17.6	704
1998 XC ₈₁	* 1998 12 15.31102	05 23 28.72	+21 15 35.9	18.9	704	1998 XO ₈₁	1998 12 15.37139	05 15 31.55	+10 31 17.5	17.6	704
1998 XC ₈₁	1998 12 15.32582	05 23 27.76	+21 15 36.1	18.8	704	1998 XO ₈₁	1998 12 22.20281	05 09 24.42	+10 50 04.3	17.7	704
1998 XC ₈₁	1998 12 15.34068	05 23 26.66	+21 15 36.2	18.8	704	1998 XO ₈₁	1998 12 22.22551	05 09 23.35	+10 50 08.4		704
1998 XC ₈₁	1998 12 15.35543	05 23 25.81	+21 15 37.1	18.5	704	1998 XO ₈₁	1998 12 22.24817	05 09 22.13	+10 50 12.8	18.1	704
1998 XC ₈₁	1998 12 15.37021	05 23 24.78	+21 15 40.1	18.5	704	1998 XO ₈₁	1998 12 22.27102	05 09 20.91	+10 50 17.3	18.0	704
1998 XC ₈₁	1998 12 22.17630	05 16 32.00	+21 24 00.4	18.7	704	1998 XP ₈₁	* 1998 12 15.31200	05 16 34.70	+10 11 10.7	17.7	704
1998 XC ₈₁	1998 12 22.19920	05 16 30.60	+21 24 04.2	19.2	704	1998 XP ₈₁	1998 12 15.32680	05 16 34.01	+10 11 10.4	17.8	704
1998 XC ₈₁	1998 12 22.22189	05 16 29.13	+21 24 04.6	19.6	704	1998 XP ₈₁	1998 12 15.34166	05 16 33.29	+10 11 09.5	17.8	704
1998 XC ₈₁	1998 12 22.24457	05 16 27.85	+21 24 04.7	19.5	704	1998 XP ₈₁	1998 12 15.35641	05 16 32.42	+10 11 06.2	17.7	704
1998 XD ₈₁	* 1998 12 15.31121	05 17 29.92	+18 29 46.5	19.2	704	1998 XP ₈₁	1998 12 15.37139	05 16 31.66	+10 11 07.8	17.7	704
1998 XD ₈₁	1998 12 15.32602	05 17 28.81	+18 29 42.7	19.1	704	1998 XP ₈₁	1998 12 22.18116	05 11 06.74	+10 06 45.0	18.2	704
1998 XD ₈₁	1998 12 15.34087	05 17 27.83	+18 29 38.6	19.3	704	1998 XP ₈₁	1998 12 22.20405	05 11 05.56	+10 06 45.8	18.1	704
1998 XD ₈₁	1998 12 15.35563	05 17 26.92	+18 29 34.0	19.2	704	1998 XP ₈₁	1998 12 22.22674	05 11 04.49	+10 06 45.1	18.2	704
1998 XD ₈₁	1998 12 15.37041	05 17 25.93	+18 29 29.7	19.2	704	1998 XP ₈₁	1998 12 22.24941	05 11 03.40	+10 06 45.6	18.2	704
1998 XD ₈₁	1998 12 22.17675	05 10 17.17	+18 00 55.9	19.0	704	1998 XP ₈₁	1998 12 22.27226	05 11 02.31	+10 06 45.4	18.4	704
1998 XD ₈₁	1998 12 22.19965	05 10 15.63	+18 00 50.5	18.7	704	1998 XQ ₈₁	* 1998 12 15.31210	05 12 15.00	+09 31 10.9	17.9	704
1998 XD ₈₁											

1998 XU ₈₁	1998 12 15.32700	05 10 59.47	+07 48 53.8	17.8	704	1998 XF ₈₂	1998 12 15.34322	05 17 09.84	+14 13 14.9	17.4	704
1998 XU ₈₁	1998 12 15.34185	05 10 58.57	+07 48 59.7	17.7	704	1998 XF ₈₂	1998 12 15.35796	05 17 08.93	+14 13 14.3	17.5	704
1998 XU ₈₁	1998 12 15.35660	05 10 57.65	+07 49 06.3	17.6	704	1998 XF ₈₂	1998 12 15.37295	05 17 08.02	+14 13 13.8	17.7	704
1998 XU ₈₁	1998 12 15.37158	05 10 56.74	+07 49 11.9	17.6	704	1998 XF ₈₂	1998 12 22.18161	05 10 56.41	+14 13 52.1	17.4	704
1998 XU ₈₁	1998 12 22.17976	05 04 15.24	+08 36 17.6	18.0	704	1998 XF ₈₂	1998 12 22.20450	05 10 55.13	+14 13 53.6		704
1998 XU ₈₁	1998 12 22.20266	05 04 13.91	+08 36 28.0	17.4	704	1998 XF ₈₂	1998 12 22.22720	05 10 53.87	+14 13 54.1	17.8	704
1998 XU ₈₁	1998 12 22.22536	05 04 12.56	+08 36 37.9	17.9	704	1998 XF ₈₂	1998 12 22.24986	05 10 52.63	+14 13 56.0	17.8	704
1998 XU ₈₁	1998 12 22.24802	05 04 11.28	+08 36 49.4	17.7	704	1998 XF ₈₂	1998 12 22.27271	05 10 51.35	+14 13 56.6		704
1998 XU ₈₁	1998 12 22.27087	05 04 09.74	+08 36 58.6	18.1	704	1998 XG ₈₂	* 1998 12 15.31357	05 17 55.53	+14 11 09.6	18.5	704
1998 XV ₈₁	* 1998 12 15.31219	05 14 02.98	+07 37 13.1	18.7	704	1998 XG ₈₂	1998 12 15.32841	05 17 54.52	+14 11 09.7	19.0	704
1998 XV ₈₁	1998 12 15.32700	05 14 02.22	+07 37 08.8	18.4	704	1998 XG ₈₂	1998 12 15.35796	05 17 52.38	+14 11 05.6	18.1	704
1998 XV ₈₁	1998 12 15.34185	05 14 01.35	+07 37 04.4	18.4	704	1998 XG ₈₂	1998 12 15.37295	05 17 51.45	+14 11 05.7	18.4	704
1998 XV ₈₁	1998 12 15.37158	05 13 59.64	+07 36 55.9	17.8	704	1998 XG ₈₂	1998 12 22.18161	05 10 31.51	+14 03 54.3	19.0	704
1998 XV ₈₁	1998 12 22.20235	05 07 54.78	+07 12 16.7	18.3	704	1998 XG ₈₂	1998 12 22.20450	05 10 30.20	+14 03 54.4	18.1	704
1998 XV ₈₁	1998 12 22.22505	05 07 53.55	+07 12 12.0	18.3	704	1998 XG ₈₂	1998 12 22.22720	05 10 28.73	+14 03 52.7	18.8	704
1998 XV ₈₁	1998 12 22.24772	05 07 52.42	+07 12 08.2	18.1	704	1998 XG ₈₂	1998 12 22.24986	05 10 27.27	+14 03 51.0	19.1	704
1998 XV ₈₁	1998 12 22.27056	05 07 51.13	+07 12 03.0	18.1	704	1998 XG ₈₂	1998 12 22.27271	05 10 25.82	+14 03 52.1	19.7	704
1998 XW ₈₁	* 1998 12 15.31229	05 09 52.77	+06 53 08.7	18.2	704	1998 XH ₈₂	* 1998 12 15.31357	05 18 18.56	+14 15 32.3	17.1	704
1998 XW ₈₁	1998 12 15.32713	05 09 51.86	+06 53 13.3	18.4	704	1998 XH ₈₂	1998 12 15.32841	05 18 17.62	+14 15 34.1		704
1998 XW ₈₁	1998 12 15.35670	05 09 50.22	+06 53 20.2	18.4	704	1998 XH ₈₂	1998 12 15.34322	05 18 16.72	+14 15 36.0		704
1998 XW ₈₁	1998 12 15.37168	05 09 49.14	+06 53 23.5	17.9	704	1998 XH ₈₂	1998 12 15.35796	05 18 15.77	+14 15 37.2	17.4	704
1998 XW ₈₁	1998 12 22.17961	05 03 23.74	+07 26 54.1	18.4	704	1998 XH ₈₂	1998 12 15.37295	05 18 14.82	+14 15 40.1	17.5	704
1998 XW ₈₁	1998 12 22.20251	05 03 22.51	+07 27 03.0	17.6	704	1998 XH ₈₂	1998 12 22.18161	05 11 45.14	+14 34 23.1	18.0	704
1998 XW ₈₁	1998 12 22.22520	05 03 21.21	+07 27 10.8	18.3	704	1998 XH ₈₂	1998 12 22.20450	05 11 43.78	+14 34 28.7		704
1998 XW ₈₁	1998 12 22.24787	05 03 19.92	+07 27 18.6	18.2	704	1998 XH ₈₂	1998 12 22.22720	05 11 42.51	+14 34 33.5	18.0	704
1998 XW ₈₁	1998 12 22.27071	05 03 18.62	+07 27 26.6	17.9	704	1998 XH ₈₂	1998 12 22.24986	05 11 41.18	+14 34 37.9	18.1	704
1998 XX ₈₁	* 1998 12 15.31229	05 13 13.59	+07 12 10.7	17.2	704	1998 XH ₈₂	1998 12 22.27271	05 11 39.87	+14 34 42.5	17.8	704
1998 XX ₈₁	1998 12 15.32713	05 13 12.87	+07 12 07.8		704	1998 XJ ₈₂	* 1998 12 15.31357	05 19 06.25	+14 33 23.9	18.4	704
1998 XX ₈₁	1998 12 15.34195	05 13 12.10	+07 12 04.8		704	1998 XJ ₈₂	1998 12 15.32841	05 19 05.31	+14 33 19.7	18.3	704
1998 XX ₈₁	1998 12 15.35670	05 13 11.31	+07 12 00.4	17.5	704	1998 XJ ₈₂	1998 12 15.34322	05 19 04.38	+14 33 19.8	18.3	704
1998 XX ₈₁	1998 12 15.37168	05 13 10.47	+07 11 58.4	17.6	704	1998 XJ ₈₂	1998 12 15.35796	05 19 03.45	+14 33 15.6	18.0	704
1998 XX ₈₁	1998 12 22.17945	05 07 32.45	+06 54 41.2	17.4	704	1998 XJ ₈₂	1998 12 15.37295	05 19 02.47	+14 33 15.8	18.0	704
1998 XX ₈₁	1998 12 22.20235	05 07 31.31	+06 54 38.5		704	1998 XJ ₈₂	1998 12 22.18161	05 12 08.03	+14 22 00.9	19.0	704
1998 XX ₈₁	1998 12 22.22505	05 07 30.18	+06 54 35.8		704	1998 XJ ₈₂	1998 12 22.20450	05 12 06.58	+14 21 59.0	18.9	704
1998 XX ₈₁	1998 12 22.24772	05 07 29.09	+06 54 33.4		704	1998 XJ ₈₂	1998 12 22.22720	05 12 05.10	+14 21 54.7	19.4	704
1998 XX ₈₁	1998 12 22.27056	05 07 27.97	+06 54 30.8		704	1998 XJ ₈₂	1998 12 22.24986	05 12 03.84	+14 21 53.6	19.1	704
1998 XY ₈₁	* 1998 12 15.31238	05 11 45.52	+04 54 34.9	17.3	704	1998 XK ₈₂	* 1998 12 15.31357	05 19 36.91	+14 12 03.7	17.6	704
1998 XY ₈₁	1998 12 15.32723	05 11 44.94	+04 54 33.0	17.3	704	1998 XK ₈₂	1998 12 15.32841	05 19 35.87	+14 12 03.8	17.8	704
1998 XY ₈₁	1998 12 15.34205	05 11 44.38	+04 54 30.9	17.5	704	1998 XK ₈₂	1998 12 15.34322	05 19 34.96	+14 12 03.7	17.8	704
1998 XY ₈₁	1998 12 15.35680	05 11 44.03	+04 54 28.8		704	1998 XK ₈₂	1998 12 15.35796	05 19 33.92	+14 12 02.4	18.0	704
1998 XY ₈₁	1998 12 15.37177	05 11 43.40	+04 54 28.7	17.5	704	1998 XK ₈₂	1998 12 15.37295	05 19 32.89	+14 12 02.2	18.0	704
1998 XY ₈₁	1998 12 22.18040	05 08 03.12	+04 45 22.9	17.4	704	1998 XK ₈₂	1998 12 22.20450	05 12 16.11	+14 13 25.7	17.6	704
1998 XY ₈₁	1998 12 22.20329	05 08 02.38	+04 45 21.7	17.8	704	1998 XK ₈₂	1998 12 22.22720	05 12 14.67	+14 13 26.0	17.9	704
1998 XY ₈₁	1998 12 22.22598	05 08 01.59	+04 45 20.2	17.8	704	1998 XK ₈₂	1998 12 22.24986	05 12 13.21	+14 13 27.2	18.0	704
1998 XY ₈₁	1998 12 22.24865	05 08 00.91	+04 45 18.5		704	1998 XK ₈₂	1998 12 22.27271	05 12 11.76	+14 13 28.6	17.9	704
1998 XY ₈₁	1998 12 22.27149	05 08 00.12	+04 45 17.9		704	1998 XL ₈₂	* 1998 12 15.31407	05 26 38.67	+19 30 23.8	18.7	704
1998 XZ ₈₁	* 1998 12 15.31298	05 14 39.75	+06 35 02.8	18.0	704	1998 XL ₈₂	1998 12 15.32891	05 26 37.73	+19 30 23.6	18.7	704
1998 XZ ₈₁	1998 12 15.32781	05 14 39.03	+06 35 03.0	17.9	704	1998 XL ₈₂	1998 12 15.34373	05 26 37.00	+19 30 20.2	18.7	704
1998 XZ ₈₁	1998 12 15.34263	05 14 38.19	+06 35 02.3	17.9	704	1998 XL ₈₂	1998 12 15.35847	05 26 36.21	+19 30 19.8	18.7	704
1998 XZ ₈₁	1998 12 15.35737	05 14 37.42	+06 35 00.9	17.8	704	1998 XL ₈₂	1998 12 15.37345	05 26 35.43	+19 30 17.0	18.7	704
1998 XZ ₈₁	1998 12 15.37236	05 14 36.63	+06 34 58.9	17.8	704	1998 XL ₈₂	1998 12 22.18222	05 20 40.89	+19 18 02.7	18.5	704
1998 XZ ₈₁	1998 12 22.18070	05 08 59.13	+06 28 19.9	18.5	704	1998 XL ₈₂	1998 12 22.20511	05 20 39.88	+19 18 02.3	19.1	704
1998 XZ ₈₁	1998 12 22.20359	05 08 58.03	+06 28 18.4	18.5	704	1998 XL ₈₂	1998 12 22.25047	05 20 37.43	+19 17 58.3	18.9	704
1998 XZ ₈₁	1998 12 22.22628	05 08 56.80	+06 28 17.7	18.7	704	1998 XM ₈₂	* 1998 12 15.31407	05 31 56.32	+20 34 30.6	18.0	704
1998 XZ ₈₁	1998 12 22.24896	05 08 55.71	+06 28 18.0	18.4	704	1998 XM ₈₂	1998 12 15.32891	05 31 55.12	+20 34 27.1	17.9	704
1998 XZ ₈₁	1998 12 22.27180	05 08 54.65	+06 28 17.5	18.2	704	1998 XM ₈₂	1998 12 15.34373	05 31 54.11	+20 34 22.4	17.9	704
1998 XA ₈₂	* 1998 12 15.31298	05 16 06.14	+07 04 09.1	17.5	704	1998 XM ₈₂	1998 12 15.35847	05 31 52.97	+20 34 20.3		704
1998 XA ₈₂	1998 12 15.32781	05 16 05.29	+07 04 09.2	17.5	704	1998 XM ₈₂	1998 12 15.37345	05 31 51.87	+20 34 17.2		704
1998 XA ₈₂	1998 12 15.34263	05 16 04.47	+07 04 09.3	17.5	704	1998 XM ₈₂	1998 12 22.18237	05 23 57.23	+20 09 05.9	19.1	704
1998 XA ₈₂	1998 12 15.35737	05 16 03.72	+07 04 09.4	17.5	704	1998 XM ₈₂	1998 12 22.20527	05 23 55.63	+20 09 02.8	18.6	704
1998 XA ₈₂	1998 12 15.37236	05 16 02.81	+07 04 10.0	17.5	704	1998 XM ₈₂	1998 12 22.25062	05 23 52.45	+20 08 54.1	18.1	704
1998 XA ₈₂	1998 12 22.18070	05 09 51.83	+07 08 48.1	18.3	704	1998 XM ₈₂	1998 12 22.27348	05 23 50.84	+20 08 48.1		704
1998 XA ₈₂	1998 12 22.20359	05 09 50.55	+07 08 48.5	17.9	704	1998 XN ₈₂	* 1998 12 15.31437	05 32 42.63	+22 15 01.4	18.5	704
1998 XA ₈₂	1998 12 22.22628	05 09 49.25	+07 08 49.9	18.3	704	1998 XN ₈₂	1998 12 15.34403	05 32 40.48	+22 14 57.8	17.8	704
1998 XA ₈₂	1998 12 22.24896	05 09 48.20	+07 08 52.9	18.7	704	1998 XN ₈₂	1998 12 15.35877	05 32 39.60	+22 14 57.3	17.8	704
1998 XA ₈₂	1998 12 22.27180	05 09 46.99	+07 08 53.2	18.4	704	1998 XN ₈₂	1998 12 15.37374	05 32 38.58	+22 14 53.8	18.0	704
1998 XB ₈₂	* 1998 12 15.31298	05 20 11.01	+06 56 36.1	18.0	704	1998 XN ₈₂	1998 12 22.18283	05 25 36.45	+22 01 59.4	18.6	704
1998 XB ₈₂	1998 12 15.32781	05 20 10.41	+06 56 36.2	17.7	704	1998 XN ₈₂	1998 12 22.20573	05 25 35.03	+22 01 56.8	18.0	704
1998 XB ₈₂	1998 12 15.34263	05 20 09.51	+06 56 36.5	17.7	704	1998 XN ₈₂	1998 12 22.22841	05 25 33.57	+22 01 53.9	18.0	704
1998 XB ₈₂	1998 12 15.37236	05 20 08.00	+06 56 36.9	1							

1998 XS ₈₂	1998 12 15.33351	04 47 10.02	+20 36 11.2	18.0	704	1998 XE ₈₃	1998 12 22.24651	05 00 19.80	+05 44 00.2	18.6	704
1998 XS ₈₂	1998 12 15.34830	04 47 09.37	+20 36 10.3	17.8	704	1998 XE ₈₃	1998 12 22.26934	05 00 18.67	+05 44 00.5	18.5	704
1998 XS ₈₂	1998 12 15.36305	04 47 08.53	+20 36 08.6	17.8	704	1998 XF ₈₃	* 1998 12 15.32434	05 01 50.22	+07 11 44.6	18.3	704
1998 XS ₈₂	1998 12 22.07394	04 41 46.90	+20 28 23.5	18.5	704	1998 XF ₈₃	1998 12 15.33919	05 01 49.39	+07 11 44.6	18.3	704
1998 XS ₈₂	1998 12 22.11933	04 41 44.64	+20 28 19.0	17.9	704	1998 XF ₈₃	1998 12 15.35395	05 01 48.73	+07 11 44.6	18.0	704
1998 XS ₈₂	1998 12 22.14199	04 41 43.66	+20 28 19.2	17.9	704	1998 XF ₈₃	1998 12 15.36873	05 01 48.04	+07 11 43.7	18.0	704
1998 XT ₈₂	* 1998 12 15.31953	04 46 20.65	+12 52 40.1	17.7	704	1998 XF ₈₃	1998 12 22.17810	04 56 20.44	+07 12 01.0	18.8	704
1998 XT ₈₂	1998 12 15.33438	04 46 19.78	+12 52 40.3	17.7	704	1998 XF ₈₃	1998 12 22.20100	04 56 19.36	+07 12 02.6	18.3	704
1998 XT ₈₂	1998 12 15.34918	04 46 18.88	+12 52 40.5	17.9	704	1998 XF ₈₃	1998 12 22.22368	04 56 18.30	+07 12 02.9	18.3	704
1998 XT ₈₂	1998 12 15.36393	04 46 17.88	+12 52 39.9	18.0	704	1998 XF ₈₃	1998 12 22.24636	04 56 17.22	+07 12 03.5	18.6	704
1998 XT ₈₂	1998 12 22.07530	04 39 56.69	+12 51 12.5	17.9	704	1998 XF ₈₃	1998 12 22.26920	04 56 16.09	+07 12 04.6	18.6	704
1998 XT ₈₂	1998 12 22.12068	04 39 54.24	+12 51 11.0	17.7	704	1998 XG ₈₃	* 1998 12 15.32434	05 07 55.88	+06 58 37.9	18.1	704
1998 XT ₈₂	1998 12 22.14334	04 39 53.01	+12 51 11.7	16.7	704	1998 XG ₈₃	1998 12 15.33919	05 07 54.93	+06 58 40.9	18.3	704
1998 XT ₈₂	1998 12 22.16605	04 39 51.76	+12 51 11.6	17.6	704	1998 XG ₈₃	1998 12 15.35395	05 07 54.15	+06 58 42.9	17.9	704
1998 XU ₈₂	* 1998 12 15.31963	04 45 22.37	+12 04 39.3	17.3	704	1998 XG ₈₃	1998 12 15.36873	05 07 53.16	+06 58 46.2	17.9	704
1998 XU ₈₂	1998 12 15.33448	04 45 21.48	+12 04 40.0	17.3	704	1998 XG ₈₃	1998 12 22.17795	05 01 32.92	+07 24 56.7	17.9	704
1998 XU ₈₂	1998 12 15.34927	04 45 20.58	+12 04 43.0	17.6	704	1998 XG ₈₃	1998 12 22.20085	05 01 31.67	+07 25 02.1	18.2	704
1998 XU ₈₂	1998 12 15.36402	04 45 19.59	+12 04 45.0	17.6	704	1998 XG ₈₃	1998 12 22.22354	05 01 30.39	+07 25 08.4	18.6	704
1998 XU ₈₂	1998 12 22.09804	04 38 49.01	+12 20 37.2	17.6	704	1998 XG ₈₃	1998 12 22.24621	05 01 29.15	+07 25 13.8	18.6	704
1998 XU ₈₂	1998 12 22.14334	04 38 46.33	+12 20 43.0	16.9	704	1998 XG ₈₃	1998 12 22.26905	05 01 27.97	+07 25 19.8	18.3	704
1998 XU ₈₂	1998 12 22.16605	04 38 45.17	+12 20 48.3	17.1	704	1998 XH ₈₃	* 1998 12 15.32453	05 05 45.95	+09 29 42.1	17.5	704
1998 XV ₈₂	* 1998 12 15.32079	04 49 40.55	+06 09 41.2	18.1	704	1998 XH ₈₃	1998 12 15.33939	05 05 45.13	+09 29 38.0	17.5	704
1998 XV ₈₂	1998 12 15.33565	04 49 39.85	+06 09 44.1	18.0	704	1998 XH ₈₃	1998 12 15.35415	05 05 44.33	+09 29 35.2	17.2	704
1998 XV ₈₂	1998 12 15.35043	04 49 39.00	+06 09 45.3	18.0	704	1998 XH ₈₃	1998 12 15.36893	05 05 43.57	+09 29 32.2	17.2	704
1998 XV ₈₂	1998 12 15.36519	04 49 38.33	+06 09 44.4	18.3	704	1998 XH ₈₃	1998 12 22.17780	05 00 05.01	+09 06 19.9	18.0	704
1998 XV ₈₂	1998 12 22.10465	04 44 22.15	+06 05 01.0	17.1	704	1998 XH ₈₃	1998 12 22.20070	05 00 03.91	+09 06 16.5	18.3	704
1998 XV ₈₂	1998 12 22.12731	04 44 21.17	+06 05 02.4	17.1	704	1998 XH ₈₃	1998 12 22.22339	05 00 02.72	+09 06 11.3	18.3	704
1998 XV ₈₂	1998 12 22.14999	04 44 20.07	+06 05 02.8	17.0	704	1998 XH ₈₃	1998 12 22.24606	05 00 01.66	+09 06 08.5	18.3	704
1998 XV ₈₂	1998 12 22.17281	04 44 19.14	+06 05 06.4	17.0	704	1998 XH ₈₃	1998 12 22.26890	05 00 00.49	+09 06 04.4	18.6	704
1998 XW ₈₂	* 1998 12 15.32079	04 51 09.89	+06 53 54.2	17.5	704	1998 XJ ₈₃	* 1998 12 15.32453	05 07 23.81	+09 41 13.3	18.7	704
1998 XW ₈₂	1998 12 15.33565	04 51 09.18	+06 53 54.4	17.5	704	1998 XJ ₈₃	1998 12 15.33939	05 07 23.02	+09 41 09.9	18.7	704
1998 XW ₈₂	1998 12 15.35043	04 51 08.42	+06 53 53.8	17.5	704	1998 XJ ₈₃	1998 12 15.35415	05 07 22.31	+09 41 07.0	18.6	704
1998 XW ₈₂	1998 12 15.36519	04 51 07.75	+06 53 53.7	17.7	704	1998 XJ ₈₃	1998 12 15.36893	05 07 21.48	+09 41 05.7	18.6	704
1998 XW ₈₂	1998 12 22.08193	04 45 53.41	+06 51 38.4	17.2	704	1998 XJ ₈₃	1998 12 22.17780	05 02 04.79	+09 18 58.9	19.0	704
1998 XW ₈₂	1998 12 22.10465	04 45 52.42	+06 51 38.6	17.2	704	1998 XJ ₈₃	1998 12 22.20070	05 02 03.67	+09 18 54.7	18.9	704
1998 XW ₈₂	1998 12 22.12731	04 45 51.29	+06 51 39.1	16.2	704	1998 XJ ₈₃	1998 12 22.22339	05 02 02.61	+09 18 51.1	18.9	704
1998 XW ₈₂	1998 12 22.14999	04 45 50.37	+06 51 38.9	17.3	704	1998 XJ ₈₃	1998 12 22.24606	05 02 01.69	+09 18 49.5	19.4	704
1998 XW ₈₂	1998 12 22.17281	04 45 49.17	+06 51 40.3	16.5	704	1998 XJ ₈₃	1998 12 22.26890	05 02 00.57	+09 18 45.7	18.6	704
1998 XW ₈₂	1999 01 14.19713	04 34 11.40	+07 35 00.6	18.4	R 699	1998 XK ₈₃	* 1998 12 15.32453	05 08 24.93	+08 57 50.7	18.6	704
1998 XW ₈₂	1999 01 14.21498	04 34 11.04	+07 35 05.1		699	1998 XK ₈₃	1998 12 15.33939	05 08 24.02	+08 57 53.1	18.6	704
1998 XW ₈₂	1999 01 14.23281	04 34 10.87	+07 35 07.6		699	1998 XK ₈₃	1998 12 15.35415	05 08 23.40	+08 57 53.2	18.6	704
1998 XX ₈₂	* 1998 12 15.32129	04 47 48.68	+12 12 09.6	18.5	704	1998 XK ₈₃	1998 12 15.36893	05 08 22.50	+08 57 53.4	18.7	704
1998 XX ₈₂	1998 12 15.33615	04 47 47.85	+12 12 08.4	18.2	704	1998 XK ₈₃	1998 12 22.17780	05 02 39.14	+09 06 08.7	19.0	704
1998 XX ₈₂	1998 12 15.35093	04 47 47.10	+12 12 05.3	18.2	704	1998 XK ₈₃	1998 12 22.20070	05 02 38.02	+09 06 08.9	19.0	704
1998 XX ₈₂	1998 12 15.36568	04 47 46.31	+12 12 05.5	18.5	704	1998 XK ₈₃	1998 12 22.22339	05 02 36.92	+09 06 12.1	19.5	704
1998 XX ₈₂	1998 12 22.07846	04 42 33.39	+12 04 39.4	17.9	704	1998 XK ₈₃	1998 12 22.24606	05 02 35.73	+09 06 15.2	19.7	704
1998 XX ₈₂	1998 12 22.12385	04 42 31.44	+12 04 37.5	17.7	704	1998 XK ₈₃	1998 12 22.26890	05 02 34.52	+09 06 17.7	19.1	704
1998 XX ₈₂	1998 12 22.14652	04 42 30.41	+12 04 37.5	17.0	704	1998 XL ₈₃	* 1998 12 15.32463	05 08 10.93	+10 21 37.6	18.4	704
1998 XX ₈₂	1998 12 22.16921	04 42 29.36	+12 04 37.0	17.0	704	1998 XL ₈₃	1998 12 15.33949	05 08 10.13	+10 21 37.8	18.4	704
1998 XY ₈₂	* 1998 12 15.32138	04 51 13.61	+14 21 38.9	17.3	704	1998 XL ₈₃	1998 12 15.35425	05 08 09.40	+10 21 42.4	18.3	704
1998 XY ₈₂	1998 12 15.33625	04 51 12.66	+14 21 44.2	17.3	704	1998 XL ₈₃	1998 12 15.36903	05 08 08.54	+10 21 42.7	18.3	704
1998 XY ₈₂	1998 12 15.35103	04 51 11.84	+14 21 49.6	17.3	704	1998 XL ₈₃	1998 12 22.17765	05 02 22.30	+10 37 50.5	19.2	704
1998 XY ₈₂	1998 12 15.36578	04 51 10.84	+14 21 55.5	17.3	704	1998 XL ₈₃	1998 12 22.20055	05 02 21.08	+10 37 54.9	18.6	704
1998 XY ₈₂	1998 12 22.10165	04 44 36.75	+15 04 42.2	17.4	704	1998 XL ₈₃	1998 12 22.22324	05 02 20.01	+10 37 59.0	18.6	704
1998 XY ₈₂	1998 12 22.12430	04 44 35.25	+15 04 50.4		704	1998 XL ₈₃	1998 12 22.24591	05 02 18.79	+10 38 02.2	18.6	704
1998 XY ₈₂	1998 12 22.14698	04 44 34.14	+15 05 00.0		704	1998 XM ₈₃	* 1998 12 15.32533	05 14 02.80	+19 23 01.9	18.7	704
1998 XY ₈₂	1998 12 22.16967	04 44 32.89	+15 05 09.8	16.9	704	1998 XM ₈₃	1998 12 15.34019	05 14 01.84	+19 22 57.7	19.0	704
1998 XZ ₈₂	* 1998 12 15.32138	04 53 45.91	+13 48 00.4	17.6	704	1998 XM ₈₃	1998 12 15.35494	05 14 00.88	+19 22 55.7	18.4	704
1998 XZ ₈₂	1998 12 15.33625	04 53 45.18	+13 48 00.2	18.1	704	1998 XM ₈₃	1998 12 15.36972	05 13 59.92	+19 22 54.0	18.4	704
1998 XZ ₈₂	1998 12 15.35103	04 53 44.45	+13 48 01.5	18.0	704	1998 XM ₈₃	1998 12 22.17570	05 07 13.59	+19 04 17.7	18.6	704
1998 XZ ₈₂	1998 12 15.36578	04 53 43.73	+13 47 59.6	18.0	704	1998 XM ₈₃	1998 12 22.19851	05 07 12.03	+19 04 13.5	18.9	704
1998 XZ ₈₂	1998 12 22.07876	04 48 28.10	+13 49 20.4	18.2	704	1998 XM ₈₃	1998 12 22.24396	05 07 09.44	+19 04 08.1	19.1	704
1998 XZ ₈₂	1998 12 22.12415	04 48 26.15	+13 49 20.8	17.4	704	1998 XM ₈₃	1998 12 22.26678	05 07 08.11	+19 04 05.0	19.3	704
1998 XZ ₈₂	1998 12 22.14682	04 48 25.12	+13 49 21.0	16.9	704	1998 XN ₈₃	* 1998 12 15.32602	05 20 45.70	+18 37 21.1	19.3	704
1998 XZ ₈₂	1998 12 22.16951	04 48 24.02	+13 49 21.2	17.1	704	1998 XN ₈₃	1998 12 15.34087	05 20 44.66	+18 37 16.8	19.4	704
1998 XA ₈₃	* 1998 12 15.32159	04 55 47.61	+16 10 24.9	17.5	704	1998 XN ₈₃	1998 12 15.35563	05 20 43.88	+18 37 16.9	19.4	704
1998 XA ₈₃	1998 12 15.33645	04 55 46.88	+16 10 28.9	17.5	704	1998 XN ₈₃	1998 12 15.37041	05 20 42.72	+18 37 12.9	19.6	704
1998 XA ₈₃	1998 12 15.35122	04 55 45.98	+16 10 30.0	17.5	704	1998 XN ₈₃	1998 12 22.17660	05 13 53.66	+18 21 36.9	19.5	704
1998 XA ₈₃	1998 12 22.07907	04 49 10.02	+16 30 37.0	17.8	704	1998 XN ₈₃	1998 12 22.19950	05 13 52.39	+18 21 35.1	19.6	704
1998 XA<											

1998 XS ₈₃	* 1998 12 15.32752	05 16 22.08	+02 58 13.3	18.1	704	1998 XD ₈₄	1998 12 22.22931	05 23 01.91	+15 09 51.9	19.2	704
1998 XS ₈₃	1998 12 15.34234	05 16 21.42	+02 58 13.9	18.4	704	1998 XD ₈₄	1998 12 22.25198	05 23 00.62	+15 09 41.2	18.5	704
1998 XS ₈₃	1998 12 15.35708	05 16 20.58	+02 58 17.7	18.1	704	1998 XD ₈₄	1998 12 22.27484	05 22 59.09	+15 09 29.9	19.2	704
1998 XS ₈₃	1998 12 15.37206	05 16 19.67	+02 58 18.8	18.1	704	1998 XE ₈₄	* 1998 12 15.37496	05 25 37.06	+14 38 21.7	18.7	704
1998 XS ₈₃	1998 12 22.18025	05 10 41.09	+03 15 35.4	18.2	704	1998 XE ₈₄	1998 12 15.38998	05 25 36.38	+14 38 16.7	18.7	704
1998 XS ₈₃	1998 12 22.20314	05 10 40.01	+03 15 40.1	18.4	704	1998 XE ₈₄	1998 12 15.40479	05 25 35.42	+14 38 14.2	18.7	704
1998 XS ₈₃	1998 12 22.22583	05 10 38.87	+03 15 45.0	18.4	704	1998 XE ₈₄	1998 12 15.41963	05 25 34.76	+14 38 09.9	18.9	704
1998 XS ₈₃	1998 12 22.24850	05 10 37.78	+03 15 48.1	18.2	704	1998 XE ₈₄	1998 12 15.43449	05 25 33.88	+14 38 05.4	18.9	704
1998 XS ₈₃	1998 12 22.27134	05 10 36.57	+03 15 54.4	18.0	704	1998 XE ₈₄	1998 12 22.18388	05 19 46.35	+14 05 33.1	18.1	704
1998 XT ₈₃	* 1998 12 15.32781	05 15 47.05	+06 57 57.6	18.1	704	1998 XE ₈₄	1998 12 22.20678	05 19 45.18	+14 05 28.2	17.8	704
1998 XT ₈₃	1998 12 15.34263	05 15 46.15	+06 57 57.7	18.2	704	1998 XE ₈₄	1998 12 22.22946	05 19 44.07	+14 05 21.7	18.4	704
1998 XT ₈₃	1998 12 15.35737	05 15 45.24	+06 57 53.3	17.8	704	1998 XE ₈₄	1998 12 22.25213	05 19 42.91	+14 05 15.4	18.1	704
1998 XT ₈₃	1998 12 15.37236	05 15 44.38	+06 57 53.4	17.8	704	1998 XE ₈₄	1998 12 22.27499	05 19 41.66	+14 05 09.5	17.6	704
1998 XT ₈₃	1998 12 22.18070	05 09 09.31	+06 48 56.6	18.6	704	1998 XF ₈₄	* 1998 12 15.37496	05 29 10.73	+14 41 39.0	19.5	704
1998 XT ₈₃	1998 12 22.20359	05 09 07.99	+06 48 55.5	18.5	704	1998 XF ₈₄	1998 12 15.40479	05 29 08.87	+14 41 32.9	19.2	704
1998 XT ₈₃	1998 12 22.22628	05 09 06.71	+06 48 55.7	18.8	704	1998 XF ₈₄	1998 12 15.41963	05 29 07.95	+14 41 32.6	18.9	704
1998 XT ₈₃	1998 12 22.24896	05 09 05.35	+06 48 55.8	18.7	704	1998 XF ₈₄	1998 12 15.43449	05 29 07.00	+14 41 28.3	18.9	704
1998 XT ₈₃	1998 12 22.27180	05 09 04.07	+06 48 52.9	18.7	704	1998 XF ₈₄	1998 12 22.20963	05 22 17.79	+14 28 51.4	19.5	704
1998 XU ₈₃	* 1998 12 15.32911	05 24 28.96	+22 34 44.1	18.3	704	1998 XF ₈₄	1998 12 22.23231	05 22 16.32	+14 28 48.3	19.4	704
1998 XU ₈₃	1998 12 15.34393	05 24 27.95	+22 34 44.2	18.0	704	1998 XF ₈₄	1998 12 22.25498	05 22 15.07	+14 28 47.6	19.3	704
1998 XU ₈₃	1998 12 15.35867	05 24 26.94	+22 34 45.3	17.7	704	1998 XF ₈₄	1998 12 22.27785	05 22 13.53	+14 28 47.6	19.3	704
1998 XU ₈₃	1998 12 15.37364	05 24 25.93	+22 34 44.5	17.7	704	1998 XG ₈₄	* 1998 12 15.37505	05 22 09.21	+14 04 00.5	18.9	704
1998 XU ₈₃	1998 12 22.17615	05 16 56.57	+22 33 59.3	18.8	704	1998 XG ₈₄	1998 12 15.39007	05 22 08.28	+14 03 57.5	19.1	704
1998 XU ₈₃	1998 12 22.19905	05 16 54.97	+22 34 00.1	19.4	704	1998 XG ₈₄	1998 12 15.40488	05 22 07.35	+14 03 55.1	19.1	704
1998 XU ₈₃	1998 12 22.24442	05 16 52.11	+22 33 58.3	18.6	704	1998 XG ₈₄	1998 12 15.43458	05 22 05.51	+14 03 50.7	18.5	704
1998 XU ₈₃	1998 12 22.26724	05 16 50.45	+22 33 57.0	18.4	704	1998 XG ₈₄	1998 12 22.20450	05 15 04.18	+13 43 29.1	19.4	704
1998 XV ₈₃	* 1998 12 15.32985	05 48 30.02	+20 57 30.3	17.5	704	1998 XG ₈₄	1998 12 22.22720	05 15 02.79	+13 43 26.4	19.2	704
1998 XV ₈₃	1998 12 15.34466	05 48 28.99	+20 57 38.3	17.8	704	1998 XG ₈₄	1998 12 22.24986	05 15 01.43	+13 43 22.3	18.8	704
1998 XV ₈₃	1998 12 15.35940	05 48 27.89	+20 57 44.1	17.5	704	1998 XG ₈₄	1998 12 22.27271	05 14 59.94	+13 43 18.6	18.6	704
1998 XV ₈₃	1998 12 15.37437	05 48 27.09	+20 57 48.8	17.5	704	1998 XH ₈₄	* 1998 12 15.37518	05 31 33.15	+12 30 24.8	18.6	704
1998 XV ₈₃	1998 12 22.18766	05 41 16.11	+21 45 43.2	18.5	704	1998 XH ₈₄	1998 12 15.39017	05 31 31.99	+12 30 25.0	18.8	704
1998 XV ₈₃	1998 12 22.23233	05 41 13.13	+21 46 02.1	19.1	704	1998 XH ₈₄	1998 12 15.41983	05 31 30.14	+12 30 29.8	18.6	704
1998 XV ₈₃	1998 12 22.25590	05 41 11.65	+21 46 11.5	19.1	704	1998 XH ₈₄	1998 12 15.43468	05 31 29.21	+12 30 30.0	18.7	704
1998 XV ₈₃	1998 12 22.27878	05 41 10.20	+21 46 20.9	18.6	704	1998 XH ₈₄	1998 12 22.18659	05 24 25.07	+12 45 26.2	18.5	704
1998 XW ₈₃	1998 12 01.70469	04 56 30.49	+20 41 42.6		327	1998 XH ₈₄	1998 12 22.20948	05 24 23.58	+12 45 27.3	19.2	704
1998 XW ₈₃	1998 12 01.71333	04 56 29.88	+20 41 42.5	17.1	327	1998 XH ₈₄	1998 12 22.23216	05 24 22.18	+12 45 31.3	19.3	704
1998 XW ₈₃	1998 12 01.72140	04 56 29.26	+20 41 42.5		327	1998 XH ₈₄	1998 12 22.25483	05 24 20.72	+12 45 36.1	19.0	704
1998 XW ₈₃	* 1998 12 15.33048	04 40 25.15	+20 37 48.7	17.3	704	1998 XH ₈₄	1998 12 22.27770	05 24 19.27	+12 45 40.8	18.3	704
1998 XW ₈₃	1998 12 15.34528	04 40 24.24	+20 37 45.6	17.3	704	1998 XJ ₈₄	* 1998 12 15.37518	05 31 40.76	+12 14 06.2	17.9	704
1998 XW ₈₃	1998 12 15.36002	04 40 23.23	+20 37 46.5	17.6	704	1998 XJ ₈₄	1998 12 15.39017	05 31 39.78	+12 14 05.3	18.1	704
1998 XW ₈₃	1998 12 22.06852	04 33 21.84	+20 36 23.7	18.0	704	1998 XJ ₈₄	1998 12 15.40498	05 31 38.94	+12 14 04.8	18.0	704
1998 XW ₈₃	1998 12 22.11389	04 33 19.11	+20 36 23.9	17.6	704	1998 XJ ₈₄	1998 12 15.41983	05 31 37.96	+12 14 04.4	18.0	704
1998 XW ₈₃	1998 12 22.13657	04 33 17.74	+20 36 24.0	16.7	704	1998 XJ ₈₄	1998 12 15.43468	05 31 37.00	+12 14 03.9	18.0	704
1998 XW ₈₃	1998 12 22.15927	04 33 16.40	+20 36 23.9	17.2	704	1998 XJ ₈₄	1998 12 22.18659	05 25 03.65	+12 16 01.9	17.7	704
1998 XX ₈₃	* 1998 12 15.33822	04 58 54.39	+10 26 16.7	18.3	704	1998 XJ ₈₄	1998 12 22.20948	05 25 02.31	+12 16 02.7	18.0	704
1998 XX ₈₃	1998 12 15.35298	04 58 53.40	+10 26 17.1	18.1	704	1998 XJ ₈₄	1998 12 22.23216	05 25 00.90	+12 16 04.3	18.1	704
1998 XX ₈₃	1998 12 15.36776	04 58 52.45	+10 26 21.4	18.1	704	1998 XJ ₈₄	1998 12 22.25483	05 24 59.62	+12 16 06.5	18.2	704
1998 XX ₈₃	1998 12 22.10646	04 51 55.49	+10 47 07.1	16.9	704	1998 XJ ₈₄	1998 12 22.27770	05 24 58.24	+12 16 05.2	18.2	704
1998 XX ₈₃	1998 12 22.12913	04 51 54.13	+10 47 12.3	17.8	704	1998 XK ₈₄	* 1998 12 15.37528	05 25 58.46	+11 59 23.9	18.9	704
1998 XX ₈₃	1998 12 22.15181	04 51 52.77	+10 47 15.9	17.4	704	1998 XK ₈₄	1998 12 15.39027	05 25 57.41	+11 59 19.4	18.6	704
1998 XX ₈₃	1998 12 22.17463	04 51 51.28	+10 47 22.7	16.7	704	1998 XK ₈₄	1998 12 15.40508	05 25 56.53	+11 59 19.5	18.6	704
1998 XY ₈₃	* 1998 12 15.34156	05 15 17.66	+12 04 54.8	18.9	704	1998 XK ₈₄	1998 12 15.43478	05 25 54.65	+11 59 15.1	18.9	704
1998 XY ₈₃	1998 12 15.35631	05 15 17.05	+12 04 59.4	18.8	704	1998 XK ₈₄	1998 12 22.18433	05 18 52.24	+11 48 37.5	19.0	704
1998 XY ₈₃	1998 12 15.37129	05 15 16.12	+12 05 04.0	18.8	704	1998 XK ₈₄	1998 12 22.20723	05 18 50.90	+11 48 37.6	19.0	704
1998 XY ₈₃	1998 12 22.18146	05 09 28.97	+12 34 14.8	19.0	704	1998 XK ₈₄	1998 12 22.22991	05 18 49.51	+11 48 34.1	19.2	704
1998 XY ₈₃	1998 12 22.20435	05 09 27.87	+12 34 20.2	19.1	704	1998 XK ₈₄	1998 12 22.27544	05 18 46.57	+11 48 33.4	19.0	704
1998 XY ₈₃	1998 12 22.22705	05 09 26.82	+12 34 28.8	19.6	704	1998 XL ₈₄	* 1998 12 15.37537	05 26 34.00	+10 15 18.2	18.9	704
1998 XY ₈₃	1998 12 22.24971	05 09 25.59	+12 34 33.5	19.6	704	1998 XL ₈₄	1998 12 15.39036	05 26 33.09	+10 15 23.0	18.9	704
1998 XY ₈₃	1998 12 22.27256	05 09 24.34	+12 34 42.4	19.6	704	1998 XL ₈₄	1998 12 15.40518	05 26 32.17	+10 15 25.4	19.6	704
1998 XZ ₈₃	* 1998 12 15.34224	05 09 14.82	+03 12 19.4	18.3	704	1998 XL ₈₄	1998 12 15.42002	05 26 31.17	+10 15 26.7	19.5	704
1998 XZ ₈₃	1998 12 15.35698	05 09 13.95	+03 12 19.0	18.3	704	1998 XL ₈₄	1998 12 22.18448	05 20 07.23	+10 32 30.6	19.0	704
1998 XZ ₈₃	1998 12 15.37196	05 09 13.03	+03 12 19.2	18.4	704	1998 XL ₈₄	1998 12 22.20738	05 20 05.90	+10 32 35.3	19.1	704
1998 XZ ₈₃	1998 12 22.17900	05 03 31.69	+03 18 28.1	18.3	704	1998 XL ₈₄	1998 12 22.23006	05 20 04.65	+10 32 38.5	19.4	704
1998 XZ ₈₃	1998 12 22.20190	05 03 30.61	+03 18 31.1	18.1	704	1998 XL ₈₄	1998 12 22.25273	05 20 03.37	+10 32 43.5	19.1	704
1998 XZ ₈₃	1998 12 22.22459	05 03 29.46	+03 18 32.7	18.2	704	1998 XL ₈₄	1998 12 22.27559	05 20 01.86	+10 32 45.0	19.5	704
1998 XZ ₈₃	1998 12 22.24726	05 03 28.36	+03 18 33.0	19.0	704	1998 XM ₈₄	* 1998 12 15.37537	05 26 40.11	+10 39 58.5	17.8	704
1998 XZ ₈₃	1998 12 22.27010	05 03 27.15	+03 18 38.1	17.8	704	1998 XM ₈₄	1998 12 15.39036	05 26 39.24	+10 39 51.1	17.8	704
1998 XA ₈₄	* 1998 12 15.37467	05 30 04.80	+19 23 08.5	18.7	704	1998 XM ₈₄	1998 12 15.40518	05 26 38.36	+10 39 45.4	17.9	704
1998 XA ₈₄	1998 12 15.38968	05 30 03.55	+19 23 08.5	18.8	704	1998 XM ₈₄	1998 12 15.42002	05 26 37.49	+10 39 40.2	17.8	704</

1998 XQ ₈₄	1998 12 15.43497	05 23 09.63	+09 41 32.3	19.3	704	1998 XB ₈₅	1998 12 22.23247	05 25 58.99	+14 39 05.6	19.1	704
1998 XQ ₈₄	1998 12 22.18463	05 17 29.77	+09 33 47.3	18.4	704	1998 XB ₈₅	1998 12 22.25514	05 25 58.26	+14 39 04.7	18.3	704
1998 XQ ₈₄	1998 12 22.20753	05 17 28.76	+09 33 44.8	19.1	704	1998 XB ₈₅	1998 12 22.27801	05 25 57.39	+14 39 08.3	18.3	704
1998 XQ ₈₄	1998 12 22.25288	05 17 26.38	+09 33 44.3	18.3	704	1998 XC ₈₅	* 1998 12 15.37675	05 30 44.58	+14 14 45.3	17.8	704
1998 XQ ₈₄	1998 12 22.27574	05 17 25.21	+09 33 43.0	18.4	704	1998 XC ₈₅	1998 12 15.39173	05 30 43.61	+14 14 43.2	17.8	704
1998 XR ₈₄	* 1998 12 15.37605	05 28 32.50	+04 58 31.6	17.2	704	1998 XC ₈₅	1998 12 15.40654	05 30 42.58	+14 14 40.1	17.8	704
1998 XR ₈₄	1998 12 15.39104	05 28 31.67	+04 58 26.5		704	1998 XC ₈₅	1998 12 15.42140	05 30 41.62	+14 14 38.5	18.8	704
1998 XR ₈₄	1998 12 15.40585	05 28 30.90	+04 58 22.1		704	1998 XC ₈₅	1998 12 15.43626	05 30 40.55	+14 14 35.8	17.8	704
1998 XR ₈₄	1998 12 15.42070	05 28 30.05	+04 58 17.4	17.7	704	1998 XC ₈₅	1998 12 22.18674	05 23 24.64	+13 57 49.8	18.1	704
1998 XR ₈₄	1998 12 15.43556	05 28 29.17	+04 58 12.1	17.8	704	1998 XC ₈₅	1998 12 22.20963	05 23 23.24	+13 57 47.3	18.5	704
1998 XR ₈₄	1998 12 22.18552	05 22 20.08	+04 24 41.8	17.4	704	1998 XC ₈₅	1998 12 22.23231	05 23 21.72	+13 57 43.7	18.5	704
1998 XR ₈₄	1998 12 22.20842	05 22 18.83	+04 24 36.2	17.9	704	1998 XC ₈₅	1998 12 22.25498	05 23 20.27	+13 57 41.8	18.2	704
1998 XR ₈₄	1998 12 22.23110	05 22 17.56	+04 24 30.1		704	1998 XD ₈₅	* 1998 12 15.37675	05 31 00.69	+13 56 37.8	19.5	704
1998 XR ₈₄	1998 12 22.25377	05 22 16.25	+04 24 24.2		704	1998 XD ₈₅	1998 12 15.39173	05 30 59.70	+13 56 36.4	18.5	704
1998 XR ₈₄	1998 12 22.27664	05 22 15.03	+04 24 18.7		704	1998 XD ₈₅	1998 12 15.40654	05 30 58.61	+13 56 32.1	18.5	704
1998 XS ₈₄	* 1998 12 15.37615	05 28 24.09	+06 35 03.6	18.6	704	1998 XD ₈₅	1998 12 15.42140	05 30 57.67	+13 56 32.3	19.0	704
1998 XS ₈₄	1998 12 15.39113	05 28 23.15	+06 35 07.3	19.4	704	1998 XD ₈₅	1998 12 15.43626	05 30 56.73	+13 56 27.9	19.0	704
1998 XS ₈₄	1998 12 15.40594	05 28 22.17	+06 35 08.6	18.6	704	1998 XD ₈₅	1998 12 22.18674	05 23 33.35	+13 43 44.0	19.3	704
1998 XS ₈₄	1998 12 15.42080	05 28 21.37	+06 35 11.5	18.6	704	1998 XD ₈₅	1998 12 22.20963	05 23 31.83	+13 43 43.9	19.4	704
1998 XS ₈₄	1998 12 15.43566	05 28 20.50	+06 35 15.5	18.8	704	1998 XD ₈₅	1998 12 22.23231	05 23 30.30	+13 43 39.3	19.5	704
1998 XS ₈₄	1998 12 22.20872	05 21 38.83	+06 57 53.4	17.9	704	1998 XD ₈₅	1998 12 22.27785	05 23 27.13	+13 43 36.0	19.4	704
1998 XS ₈₄	1998 12 22.23141	05 21 37.34	+06 57 58.1	18.7	704	1998 XE ₈₅	* 1998 12 15.37675	05 31 38.92	+14 06 47.4	18.2	704
1998 XS ₈₄	1998 12 22.25407	05 21 36.14	+06 58 02.7	18.6	704	1998 XE ₈₅	1998 12 15.39173	05 31 37.98	+14 06 45.5		704
1998 XS ₈₄	1998 12 22.27694	05 21 34.63	+06 58 07.4	18.1	704	1998 XE ₈₅	1998 12 15.40654	05 31 37.03	+14 06 46.0		704
1998 XT ₈₄	* 1998 12 15.37645	05 33 32.03	+09 51 05.4	17.4	704	1998 XE ₈₅	1998 12 15.42140	05 31 36.08	+14 06 46.2	18.1	704
1998 XT ₈₄	1998 12 15.39143	05 33 31.28	+09 51 04.3	18.0	704	1998 XE ₈₅	1998 12 15.43626	05 31 35.16	+14 06 46.1	18.1	704
1998 XT ₈₄	1998 12 15.40624	05 33 30.39	+09 51 04.5	18.2	704	1998 XE ₈₅	1998 12 22.18674	05 24 35.67	+14 03 04.8	18.8	704
1998 XT ₈₄	1998 12 15.42110	05 33 29.70	+09 51 04.5	17.8	704	1998 XE ₈₅	1998 12 22.20963	05 24 34.29	+14 03 05.1	18.5	704
1998 XT ₈₄	1998 12 15.43596	05 33 28.90	+09 51 03.8	17.8	704	1998 XE ₈₅	1998 12 22.23231	05 24 32.83	+14 03 04.9	18.3	704
1998 XT ₈₄	1998 12 22.18628	05 27 45.20	+09 48 56.7	17.9	704	1998 XE ₈₅	1998 12 22.25498	05 24 31.50	+14 03 05.1	18.4	704
1998 XT ₈₄	1998 12 22.20918	05 27 44.03	+09 48 56.7	17.9	704	1998 XF ₈₅	* 1998 12 15.37675	05 34 40.72	+13 25 38.7	18.0	704
1998 XT ₈₄	1998 12 22.23186	05 27 42.85	+09 48 58.0	18.5	704	1998 XF ₈₅	1998 12 15.39173	05 34 39.87	+13 25 35.3	17.7	704
1998 XT ₈₄	1998 12 22.25453	05 27 41.65	+09 48 57.1	17.8	704	1998 XF ₈₅	1998 12 15.40654	05 34 38.97	+13 25 32.4	17.7	704
1998 XT ₈₄	1998 12 22.27739	05 27 40.51	+09 48 57.3		704	1998 XF ₈₅	1998 12 15.42140	05 34 38.09	+13 25 29.1		704
1998 XU ₈₄	* 1998 12 15.37645	05 33 50.62	+10 33 15.4	17.5	704	1998 XF ₈₅	1998 12 15.43626	05 34 37.23	+13 25 24.8		704
1998 XU ₈₄	1998 12 15.39143	05 33 49.82	+10 33 12.7	17.7	704	1998 XF ₈₅	1998 12 22.18916	05 28 26.08	+13 01 59.2	18.1	704
1998 XU ₈₄	1998 12 15.40624	05 33 48.95	+10 33 12.3	17.9	704	1998 XF ₈₅	1998 12 22.21205	05 28 24.82	+13 01 54.8	18.0	704
1998 XU ₈₄	1998 12 15.42110	05 33 48.18	+10 33 10.3	17.8	704	1998 XF ₈₅	1998 12 22.23473	05 28 23.60	+13 01 51.5	18.6	704
1998 XU ₈₄	1998 12 15.43596	05 33 47.42	+10 33 07.7	17.8	704	1998 XF ₈₅	1998 12 22.25747	05 28 22.22	+13 01 46.0	17.9	704
1998 XU ₈₄	1998 12 22.18628	05 27 57.06	+10 22 18.1	17.7	704	1998 XF ₈₅	1998 12 22.28028	05 28 20.98	+13 01 42.1	17.9	704
1998 XU ₈₄	1998 12 22.20918	05 27 55.80	+10 22 15.4	18.1	704	1998 XF ₈₅	1999 01 14.96381	05 11 20.64	+12 18 16.7		557
1998 XU ₈₄	1998 12 22.23186	05 27 54.62	+10 22 14.1	17.8	704	1998 XF ₈₅	1999 01 14.98519	05 11 20.02	+12 18 16.2		557
1998 XU ₈₄	1998 12 22.25453	05 27 53.42	+10 22 12.3		704	1998 XF ₈₅	1999 01 14.98775	05 11 19.93	+12 18 16.3		557
1998 XU ₈₄	1998 12 22.27739	05 27 52.25	+10 22 11.1		704	1998 XG ₈₅	* 1998 12 15.37685	05 31 25.89	+15 22 12.1	18.8	704
1998 XV ₈₄	* 1998 12 15.37645	05 35 04.75	+10 49 23.6	17.5	704	1998 XG ₈₅	1998 12 15.39183	05 31 24.76	+15 22 10.3	19.1	704
1998 XV ₈₄	1998 12 15.39143	05 35 03.79	+10 49 23.7		704	1998 XG ₈₅	1998 12 15.40664	05 31 23.71	+15 22 05.9	18.6	704
1998 XV ₈₄	1998 12 15.40624	05 35 02.78	+10 49 24.1		704	1998 XG ₈₅	1998 12 15.42150	05 31 22.77	+15 22 06.0	18.6	704
1998 XV ₈₄	1998 12 15.42110	05 35 01.88	+10 49 23.9		704	1998 XG ₈₅	1998 12 15.43635	05 31 21.83	+15 22 02.6	19.0	704
1998 XV ₈₄	1998 12 15.43596	05 35 00.91	+10 49 23.9	17.6	704	1998 XG ₈₅	1998 12 22.20979	05 24 04.26	+15 07 40.1	19.5	704
1998 XV ₈₄	1998 12 22.18628	05 28 00.57	+10 53 13.5	17.8	704	1998 XG ₈₅	1998 12 22.23247	05 24 02.90	+15 07 36.8	18.9	704
1998 XV ₈₄	1998 12 22.20918	05 27 59.09	+10 53 15.2	18.0	704	1998 XG ₈₅	1998 12 22.25514	05 24 01.48	+15 07 35.3	19.1	704
1998 XV ₈₄	1998 12 22.23186	05 27 57.72	+10 53 16.6	18.2	704	1998 XH ₈₅	* 1998 12 15.37685	05 31 50.74	+15 34 02.7	18.4	704
1998 XV ₈₄	1998 12 22.25453	05 27 56.27	+10 53 18.5	18.0	704	1998 XH ₈₅	1998 12 15.39183	05 31 49.63	+15 34 04.1	18.5	704
1998 XV ₈₄	1998 12 22.27739	05 27 54.83	+10 53 20.0	18.0	704	1998 XH ₈₅	1998 12 15.40664	05 31 48.64	+15 34 05.0	18.1	704
1998 XW ₈₄	* 1998 12 15.37655	05 32 59.41	+11 19 29.9	17.9	704	1998 XH ₈₅	1998 12 15.42150	05 31 47.46	+15 34 07.1	18.1	704
1998 XW ₈₄	1998 12 15.39153	05 32 58.50	+11 19 25.7	18.7	704	1998 XH ₈₅	1998 12 15.43635	05 31 46.59	+15 34 09.4	18.1	704
1998 XW ₈₄	1998 12 15.40634	05 32 57.36	+11 19 18.6	18.5	704	1998 XH ₈₅	1998 12 22.18690	05 24 05.96	+15 48 02.6	18.5	704
1998 XW ₈₄	1998 12 15.42120	05 32 56.44	+11 19 12.3	18.3	704	1998 XH ₈₅	1998 12 22.20979	05 24 04.38	+15 48 04.4	18.1	704
1998 XW ₈₄	1998 12 15.43606	05 32 55.40	+11 19 06.6	18.3	704	1998 XH ₈₅	1998 12 22.23247	05 24 02.97	+15 48 05.6	19.4	704
1998 XW ₈₄	1998 12 22.18628	05 25 43.85	+10 37 30.5	18.0	704	1998 XH ₈₅	1998 12 22.25514	05 24 01.23	+15 48 11.5	18.8	704
1998 XW ₈₄	1998 12 22.20918	05 25 42.42	+10 37 23.0	17.9	704	1998 XH ₈₅	1998 12 22.27801	05 23 59.69	+15 48 15.4	18.0	704
1998 XW ₈₄	1998 12 22.23186	05 25 40.96	+10 37 16.8	18.4	704	1998 XJ ₈₅	* 1998 12 15.37685	05 34 56.55	+15 06 58.7	18.0	704
1998 XW ₈₄	1998 12 22.25453	05 25 39.51	+10 37 09.2	18.1	704	1998 XJ ₈₅	1998 12 15.39183	05 34 55.61	+15 06 56.8	18.2	704
1998 XW ₈₄	* 1998 12 22.27739	05 25 38.08	+10 37 01.8	17.9	704	1998 XJ ₈₅	1998 12 15.40664	05 34 54.64	+15 06 55.6	17.9	704
1998 XX ₈₄	1998 12 15.37655	05 34 49.64	+11 38 36.0	17.4	704	1998 XJ ₈₅	1998 12 15.42150	05 34 53.74	+15 06 55.3	17.9	704
1998 XX ₈₄	1998 12 15.39153	05 34 48.84	+11 38 37.8	18.1	704	1998 XJ ₈₅	1998 12 15.43635	05 34 52.80	+15 06 55.4	17.9	704
1998 XX ₈₄	1998 12 15.40634	05 34 47.96	+11 38 40.6	18.1	704	1998 XJ ₈₅	1998 12 22.18690	05 28 02.59	+15 03 43.5	19.6	704
1998 XX ₈₄	1998 12 15.42120	05 34 47.14	+11 38 45.1	18.2	704	1998 XJ ₈₅	1998 12 22.20979	05 28 01.34	+15 03 43.7	19.6	704
1998 XX ₈₄	1998 12 15.43606	05 34 46.22	+11 38 46.1	18.2	704	1998 XJ ₈₅	1998 12 22.25514	05 27 58.54	+15 03 44.2	19.4	704
1998 XX ₈₄	1998 12 22.18644	05 28 38.31	+12 00 36.0	18.7	704	199					

1998 XO ₈₅	1998 12 15.40703	05 43 15.02	+15 18 52.0	18.9	704	1998 XZ ₈₅	1998 12 22.19006	05 33 16.81	+07 15 43.5	17.9	704
1998 XO ₈₅	1998 12 15.43674	05 43 13.33	+15 18 43.4	18.6	704	1998 XZ ₈₅	1998 12 22.21295	05 33 15.53	+07 15 48.0	18.1	704
1998 XO ₈₅	1998 12 22.19188	05 37 06.80	+14 51 18.1	19.0	704	1998 XZ ₈₅	1998 12 22.23563	05 33 14.36	+07 15 50.1	18.1	704
1998 XO ₈₅	1998 12 22.23744	05 37 04.34	+14 51 08.2	19.7	704	1998 XZ ₈₅	1998 12 22.25836	05 33 13.10	+07 15 52.7	18.2	704
1998 XO ₈₅	1998 12 22.26018	05 37 02.97	+14 51 03.3	19.1	704	1998 XZ ₈₅	1998 12 22.28118	05 33 11.80	+07 15 56.5	18.0	704
1998 XO ₈₅	1998 12 22.28301	05 37 01.69	+14 50 58.7	19.4	704	1998 XA ₈₆	* 1998 12 15.37801	05 35 16.35	+05 48 17.6	17.5	704
1998 XP ₈₅	* 1998 12 15.37734	05 35 14.23	+14 00 07.2	18.5	704	1998 XA ₈₆	1998 12 15.39299	05 35 15.51	+05 48 15.5	17.5	704
1998 XP ₈₅	1998 12 15.39231	05 35 13.31	+14 00 10.3	18.6	704	1998 XA ₈₆	1998 12 15.40780	05 35 14.64	+05 48 13.6		704
1998 XP ₈₅	1998 12 15.40713	05 35 12.36	+14 00 13.9	18.7	704	1998 XA ₈₆	1998 12 15.42266	05 35 13.76	+05 48 11.1		704
1998 XP ₈₅	1998 12 15.42199	05 35 11.45	+14 00 16.3	18.7	704	1998 XA ₈₆	1998 12 15.43752	05 35 13.02	+05 48 10.7		704
1998 XP ₈₅	1998 12 15.43684	05 35 10.52	+14 00 18.9	18.7	704	1998 XA ₈₆	1998 12 22.19021	05 29 04.60	+05 40 39.4	17.8	704
1998 XP ₈₅	1998 12 22.18674	05 28 16.88	+14 22 50.2	18.3	704	1998 XA ₈₆	1998 12 22.23578	05 29 02.04	+05 40 40.0	17.7	704
1998 XP ₈₅	1998 12 22.20963	05 28 15.50	+14 22 53.7	18.7	704	1998 XA ₈₆	1998 12 22.25851	05 29 00.79	+05 40 40.0	17.4	704
1998 XP ₈₅	1998 12 22.23231	05 28 14.04	+14 22 58.4	18.7	704	1998 XA ₈₆	1998 12 22.28133	05 28 59.47	+05 40 39.0	17.2	704
1998 XP ₈₅	1998 12 22.25498	05 28 12.64	+14 23 05.0	18.4	704	1998 XB ₈₆	* 1998 12 15.37840	05 43 30.80	+07 04 01.8	18.8	704
1998 XP ₈₅	1998 12 22.27785	05 28 11.26	+14 23 07.7	18.2	704	1998 XB ₈₆	1998 12 15.39338	05 43 30.16	+07 04 02.0	18.8	704
1998 XQ ₈₅	* 1998 12 15.37734	05 36 32.41	+13 58 15.4	18.5	704	1998 XB ₈₆	1998 12 15.40820	05 43 29.26	+07 04 02.2	19.2	704
1998 XQ ₈₅	1998 12 15.39231	05 36 31.47	+13 58 06.6	18.6	704	1998 XB ₈₆	1998 12 15.42306	05 43 28.77	+07 04 03.1	19.5	704
1998 XQ ₈₅	1998 12 15.40713	05 36 30.65	+13 57 57.6	18.5	704	1998 XB ₈₆	1998 12 15.43792	05 43 27.92	+07 04 06.0	19.5	704
1998 XQ ₈₅	1998 12 15.42199	05 36 29.81	+13 57 48.6	18.5	704	1998 XB ₈₆	1998 12 22.21370	05 37 59.56	+07 11 59.7	18.3	704
1998 XQ ₈₅	1998 12 15.43684	05 36 28.97	+13 57 39.7	18.8	704	1998 XB ₈₆	1998 12 22.23638	05 37 58.34	+07 12 00.5	18.5	704
1998 XQ ₈₅	1998 12 22.18916	05 30 19.83	+12 52 34.0	18.4	704	1998 XB ₈₆	1998 12 22.25911	05 37 57.30	+07 12 04.3	18.2	704
1998 XQ ₈₅	1998 12 22.21205	05 30 18.51	+12 52 20.7	18.5	704	1998 XB ₈₆	1998 12 22.28194	05 37 56.02	+07 12 05.0	18.0	704
1998 XQ ₈₅	1998 12 22.23473	05 30 17.33	+12 52 08.1	18.4	704	1998 XC ₈₆	* 1998 12 15.37850	05 43 41.19	+08 15 47.9	18.5	704
1998 XQ ₈₅	1998 12 22.25747	05 30 16.06	+12 51 56.7	18.8	704	1998 XC ₈₆	1998 12 15.39348	05 43 40.13	+08 15 43.5	19.0	704
1998 XQ ₈₅	1998 12 22.28028	05 30 14.69	+12 51 44.2	18.6	704	1998 XC ₈₆	1998 12 15.40830	05 43 39.36	+08 15 39.2	19.0	704
1998 XR ₈₅	* 1998 12 15.37734	05 37 50.34	+13 35 26.9	18.7	704	1998 XC ₈₆	1998 12 15.43802	05 43 37.52	+08 15 30.2	18.4	704
1998 XR ₈₅	1998 12 15.39231	05 37 49.44	+13 35 27.0	19.8	704	1998 XC ₈₆	1998 12 22.21385	05 37 03.58	+07 42 21.3	18.3	704
1998 XR ₈₅	1998 12 15.42199	05 37 48.04	+13 35 22.7	18.6	704	1998 XC ₈₆	1998 12 22.23653	05 37 02.36	+07 42 17.0	18.9	704
1998 XR ₈₅	1998 12 22.18901	05 32 08.45	+13 22 58.9	18.8	704	1998 XC ₈₆	1998 12 22.25927	05 37 00.87	+07 42 11.3	18.4	704
1998 XR ₈₅	1998 12 22.21190	05 32 07.24	+13 22 57.1	18.3	704	1998 XC ₈₆	1998 12 22.28209	05 36 59.60	+07 42 04.0	17.8	704
1998 XR ₈₅	1998 12 22.23458	05 32 06.11	+13 22 54.5	18.9	704	1998 XD ₈₆	* 1998 12 15.37850	05 45 21.85	+08 27 28.3	18.3	704
1998 XR ₈₅	1998 12 22.25725	05 32 04.83	+13 22 52.5	18.5	704	1998 XD ₈₆	1998 12 15.39348	05 45 20.87	+08 27 27.9	18.1	704
1998 XR ₈₅	1998 12 22.28013	05 32 03.80	+13 22 50.4	18.5	704	1998 XD ₈₆	1998 12 15.40830	05 45 19.95	+08 27 24.3	18.1	704
1998 XS ₈₅	* 1998 12 15.37744	05 42 36.14	+12 57 34.1	19.2	704	1998 XD ₈₆	1998 12 15.42316	05 45 18.74	+08 27 21.7	18.1	704
1998 XS ₈₅	1998 12 15.39241	05 42 35.37	+12 57 31.5	19.0	704	1998 XD ₈₆	1998 12 15.43802	05 45 17.82	+08 27 19.7	18.1	704
1998 XS ₈₅	1998 12 15.40723	05 42 34.49	+12 57 31.5	18.7	704	1998 XD ₈₆	1998 12 22.21385	05 38 02.75	+08 15 44.9	18.3	704
1998 XS ₈₅	1998 12 15.42208	05 42 33.56	+12 57 31.5	18.7	704	1998 XD ₈₆	1998 12 22.23653	05 38 01.39	+08 15 43.6	18.6	704
1998 XS ₈₅	1998 12 15.43694	05 42 32.62	+12 57 31.7	18.7	704	1998 XD ₈₆	1998 12 22.25927	05 37 59.75	+08 15 42.7	18.6	704
1998 XS ₈₅	1998 12 22.18931	05 36 01.98	+13 00 14.5	19.4	704	1998 XD ₈₆	1998 12 22.28209	05 37 58.30	+08 15 39.7	18.0	704
1998 XS ₈₅	1998 12 22.21221	05 36 00.73	+13 00 14.9	19.3	704	1998 XE ₈₆	* 1998 12 15.37890	05 49 49.31	+12 33 57.0	17.6	704
1998 XS ₈₅	1998 12 22.23488	05 35 59.40	+13 00 15.1	19.1	704	1998 XE ₈₆	1998 12 15.39388	05 49 48.34	+12 33 52.0	18.1	704
1998 XS ₈₅	1998 12 22.25762	05 35 57.99	+13 00 17.3	19.5	704	1998 XE ₈₆	1998 12 15.40869	05 49 47.41	+12 33 46.2	17.7	704
1998 XS ₈₅	1998 12 22.28043	05 35 56.64	+13 00 19.5	19.4	704	1998 XE ₈₆	1998 12 15.42355	05 49 46.44	+12 33 41.4	17.7	704
1998 XT ₈₅	* 1998 12 15.37744	05 45 40.15	+13 00 52.0	18.9	704	1998 XE ₈₆	1998 12 15.43841	05 49 45.45	+12 33 35.9	17.7	704
1998 XT ₈₅	1998 12 15.39241	05 45 39.34	+13 00 51.6	19.3	704	1998 XE ₈₆	1998 12 22.19142	05 42 40.67	+11 57 55.5	17.8	704
1998 XT ₈₅	1998 12 15.42208	05 45 37.54	+13 00 43.7	18.1	704	1998 XE ₈₆	1998 12 22.21431	05 42 39.17	+11 57 48.8		704
1998 XT ₈₅	1998 12 15.43694	05 45 36.61	+13 00 42.9	18.8	704	1998 XE ₈₆	1998 12 22.23699	05 42 37.78	+11 57 42.9	17.9	704
1998 XT ₈₅	1998 12 22.18931	05 39 14.46	+12 44 21.8	18.9	704	1998 XE ₈₆	1998 12 22.25972	05 42 36.32	+11 57 36.1		704
1998 XT ₈₅	1998 12 22.23488	05 39 11.70	+12 44 14.4	19.3	704	1998 XE ₈₆	1998 12 22.28255	05 42 34.85	+11 57 29.0		704
1998 XT ₈₅	1998 12 22.25762	05 39 10.42	+12 44 12.8	18.9	704	1998 XF ₈₆	* 1998 12 15.37890	05 50 07.37	+13 03 22.9	17.2	704
1998 XT ₈₅	1998 12 22.28043	05 39 09.10	+12 44 10.4	19.0	704	1998 XF ₈₆	1998 12 15.39388	05 50 06.38	+13 03 23.1	17.7	704
1998 XU ₈₅	* 1998 12 15.37753	05 39 24.85	+11 54 36.5	17.8	704	1998 XF ₈₆	1998 12 15.40869	05 50 05.22	+13 03 23.0	18.5	704
1998 XU ₈₅	1998 12 15.39251	05 39 23.86	+11 54 40.1	17.8	704	1998 XF ₈₆	1998 12 15.42355	05 50 04.29	+13 03 23.8	17.7	704
1998 XU ₈₅	1998 12 15.40732	05 39 22.96	+11 54 44.5	17.9	704	1998 XF ₈₆	1998 12 15.43841	05 50 03.36	+13 03 23.5	17.7	704
1998 XU ₈₅	1998 12 15.42218	05 39 22.00	+11 54 47.8		704	1998 XF ₈₆	1998 12 22.19157	05 42 45.58	+13 07 24.7	17.6	704
1998 XU ₈₅	1998 12 15.43704	05 39 21.02	+11 54 52.0		704	1998 XF ₈₆	1998 12 22.21446	05 42 44.10	+13 07 25.8	18.1	704
1998 XU ₈₅	1998 12 22.18916	05 32 16.07	+12 25 43.4	18.1	704	1998 XF ₈₆	1998 12 22.23714	05 42 42.47	+13 07 27.4	18.0	704
1998 XU ₈₅	1998 12 22.21205	05 32 14.60	+12 25 49.6	17.9	704	1998 XF ₈₆	1998 12 22.25987	05 42 41.03	+13 07 29.0	18.0	704
1998 XU ₈₅	1998 12 22.23473	05 32 13.11	+12 25 56.9	17.9	704	1998 XF ₈₆	1998 12 22.28270	05 42 39.55	+13 07 30.3	17.7	704
1998 XU ₈₅	1998 12 22.25747	05 32 11.63	+12 26 04.2	18.0	704	1998 XG ₈₆	* 1998 12 15.37890	05 50 39.05	+12 47 54.4	18.9	704
1998 XU ₈₅	1998 12 22.28028	05 32 10.14	+12 26 10.7	17.7	704	1998 XG ₈₆	1998 12 15.39388	05 50 37.99	+12 47 54.9	18.8	704
1998 XV ₈₅	* 1998 12 15.37753	05 43 08.38	+11 21 55.7	17.4	704	1998 XG ₈₆	1998 12 15.40869	05 50 36.91	+12 47 55.1	18.3	704
1998 XV ₈₅	1998 12 15.39251	05 43 07.45	+11 21 59.7		704	1998 XG ₈₆	1998 12 15.42355	05 50 35.99	+12 47 56.2	18.3	704
1998 XV ₈₅	1998 12 15.40732	05 43 06.58	+11 22 04.5		704	1998 XG ₈₆	1998 12 15.43841	05 50 35.05	+12 47 59.9	18.7	704
1998 XV ₈₅	1998 12 15.42218	05 43 05.81	+11 22 08.1	18.0	704	1998 XG ₈₆	1998 12 22.19157	05 43 33.12	+13 02 27.4	19.1	704
1998 XV ₈₅	1998 12 15.43704	05 43 04.76	+11 22 13.1		704	1998 XG ₈₆	1998 12 22.21446	05 43 31.68	+13 02 29.9	18.3	704
1998 XV ₈₅	1998 12 22.18946	05 36 46.96	+11 57 18.9	17.5	704	1998 XG ₈₆	1998 12 22.23714	05 43 30.18	+13 02 34.0	18.9	704
1998 XV ₈₅	1998 12 22.21236	05 36 45.79	+11 57 25.3	18.4	704	1998 XG ₈₆	1998 12 22.25987	05 43 28.72	+13 02 37.4	18.9	704
1998 XV ₈₅	1998 12 22.23503	05 36 44.26	+11 57 3								

1998 XM ₈₆	1998 12 15.40939	05 49 29.78	+21 45 58.1	18.0	704	1998 XX ₈₆	1998 12 22.28513	05 42 37.52	+14 09 11.3	704
1998 XM ₈₆	1998 12 15.42421	05 49 28.82	+21 46 02.5	18.8	704	1998 XY ₈₆	* 1998 12 15.38048	05 50 49.34	+14 28 42.6	17.2 704
1998 XM ₈₆	1998 12 15.43911	05 49 27.64	+21 46 05.9	18.7	704	1998 XY ₈₆	1998 12 15.39545	05 50 48.34	+14 28 40.9	17.6 704
1998 XM ₈₆	1998 12 22.18796	05 41 26.21	+22 11 05.2	18.9	704	1998 XY ₈₆	1998 12 15.41028	05 50 47.44	+14 28 39.3	704
1998 XM ₈₆	1998 12 22.21085	05 41 24.43	+22 11 12.4	19.8	704	1998 XY ₈₆	1998 12 15.42513	05 50 46.58	+14 28 38.4	704
1998 XM ₈₆	1998 12 22.23353	05 41 22.77	+22 11 14.6	19.4	704	1998 XY ₈₆	1998 12 15.43999	05 50 45.66	+14 28 38.6	17.5 704
1998 XM ₈₆	1998 12 22.25620	05 41 21.06	+22 11 22.0	19.2	704	1998 XY ₈₆	1998 12 22.19399	05 44 04.96	+14 21 10.0	17.5 704
1998 XM ₈₆	1998 12 22.27908	05 41 19.39	+22 11 26.4	18.4	704	1998 XY ₈₆	1998 12 22.21689	05 44 03.53	+14 21 09.1	18.1 704
1998 XN ₈₆	* 1998 12 15.37969	05 47 02.32	+22 24 01.7	19.5	704	1998 XY ₈₆	1998 12 22.23956	05 44 02.16	+14 21 09.2	18.0 704
1998 XN ₈₆	1998 12 15.39467	05 47 01.46	+22 24 00.2	19.5	704	1998 XY ₈₆	1998 12 22.26239	05 44 00.76	+14 21 07.9	704
1998 XN ₈₆	1998 12 15.40949	05 47 00.40	+22 23 59.5	19.2	704	1998 XY ₈₆	1998 12 22.28513	05 43 59.36	+14 21 07.5	704
1998 XN ₈₆	1998 12 15.42435	05 46 59.57	+22 23 59.6	19.2	704	1998 XZ ₈₆	* 1998 12 15.38062	05 58 50.72	+13 08 45.4	18.4 704
1998 XN ₈₆	1998 12 15.43921	05 46 58.61	+22 23 59.7	19.5	704	1998 XZ ₈₆	1998 12 15.39555	05 58 49.72	+13 08 47.2	19.4 704
1998 XN ₈₆	1998 12 22.18796	05 39 49.25	+22 19 40.5	19.4	704	1998 XZ ₈₆	1998 12 15.42523	05 58 47.70	+13 08 52.7	18.1 704
1998 XN ₈₆	1998 12 22.25620	05 39 44.63	+22 19 39.4	19.6	704	1998 XZ ₈₆	1998 12 15.44009	05 58 46.77	+13 08 55.6	18.1 704
1998 XN ₈₆	1998 12 22.27908	05 39 42.91	+22 19 37.0	19.7	704	1998 XZ ₈₆	1998 12 22.21704	05 51 45.02	+13 30 29.0	18.7 704
1998 XO ₈₆	* 1998 12 15.37979	05 56 01.07	+22 15 08.2	18.6	704	1998 XZ ₈₆	1998 12 22.23971	05 51 43.45	+13 30 33.4	18.7 704
1998 XO ₈₆	1998 12 15.39477	05 55 59.88	+22 15 08.4	18.6	704	1998 XZ ₈₆	1998 12 22.28528	05 51 40.61	+13 30 45.0	18.1 704
1998 XO ₈₆	1998 12 15.40959	05 55 58.90	+22 15 08.6	18.8	704	1998 XA ₈₇	* 1998 12 15.38091	05 52 24.33	+09 13 18.8	18.4 704
1998 XO ₈₆	1998 12 15.42445	05 55 57.92	+22 15 04.2	19.0	704	1998 XA ₈₇	1998 12 15.39584	05 52 23.58	+09 13 18.1	18.4 704
1998 XO ₈₆	1998 12 15.43931	05 55 56.93	+22 15 04.4	19.0	704	1998 XA ₈₇	1998 12 15.41066	05 52 22.77	+09 13 16.5	18.1 704
1998 XO ₈₆	1998 12 22.19279	05 48 18.30	+22 10 17.9	18.8	704	1998 XA ₈₇	1998 12 15.42552	05 52 22.05	+09 13 14.8	17.8 704
1998 XO ₈₆	1998 12 22.21569	05 48 16.68	+22 10 18.2	19.6	704	1998 XA ₈₇	1998 12 15.44038	05 52 21.21	+09 13 15.0	17.8 704
1998 XO ₈₆	1998 12 22.23836	05 48 15.07	+22 10 14.4	19.9	704	1998 XA ₈₇	1998 12 22.19474	05 46 32.27	+09 09 37.7	19.1 704
1998 XO ₈₆	1998 12 22.28393	05 48 11.92	+22 10 14.5	19.2	704	1998 XA ₈₇	1998 12 22.21763	05 46 31.11	+09 09 38.2	18.5 704
1998 XP ₈₆	* 1998 12 15.37989	05 59 29.37	+21 52 01.0	18.8	704	1998 XA ₈₇	1998 12 22.24030	05 46 29.97	+09 09 38.2	19.1 704
1998 XP ₈₆	1998 12 15.39487	05 59 28.40	+21 52 05.6	18.6	704	1998 XA ₈₇	1998 12 22.26314	05 46 28.81	+09 09 36.9	19.5 704
1998 XP ₈₆	1998 12 15.40969	05 59 27.31	+21 52 05.8	18.6	704	1998 XA ₈₇	1998 12 22.28588	05 46 27.56	+09 09 36.7	18.4 704
1998 XP ₈₆	1998 12 22.19279	05 51 24.94	+22 06 21.1	19.7	704	1998 XB ₈₇	* 1998 12 15.38129	05 50 34.54	+04 29 00.9	18.5 704
1998 XP ₈₆	1998 12 22.21569	05 51 23.22	+22 06 27.0	18.9	704	1998 XB ₈₇	1998 12 15.39622	05 50 33.79	+04 28 58.8	18.6 704
1998 XP ₈₆	1998 12 22.23836	05 51 21.62	+22 06 27.9	19.7	704	1998 XB ₈₇	1998 12 15.42590	05 50 32.13	+04 28 52.4	18.8 704
1998 XP ₈₆	1998 12 22.26119	05 51 20.02	+22 06 32.6	19.7	704	1998 XB ₈₇	1998 12 15.44076	05 50 31.22	+04 28 48.4	18.9 704
1998 XP ₈₆	1998 12 22.28393	05 51 18.24	+22 06 34.5	19.1	704	1998 XB ₈₇	1998 12 22.19534	05 44 27.00	+04 09 59.1	18.3 704
1998 XQ ₈₆	* 1998 12 15.37999	05 55 30.00	+20 07 18.2	18.6	704	1998 XB ₈₇	1998 12 22.24090	05 44 24.50	+04 09 53.0	18.9 704
1998 XQ ₈₆	1998 12 15.39496	05 55 29.04	+20 07 22.8	18.6	704	1998 XB ₈₇	1998 12 22.26373	05 44 23.40	+04 09 50.7	19.5 704
1998 XQ ₈₆	1998 12 15.40979	05 55 28.08	+20 07 26.6	18.5	704	1998 XC ₈₇	* 1998 12 15.38139	05 53 58.08	+03 50 56.3	18.7 704
1998 XQ ₈₆	1998 12 15.42464	05 55 27.38	+20 07 27.6	18.5	704	1998 XC ₈₇	1998 12 15.39633	05 53 57.14	+03 51 01.0	18.7 704
1998 XQ ₈₆	1998 12 15.43950	05 55 26.46	+20 07 32.3	18.6	704	1998 XC ₈₇	1998 12 15.41114	05 53 56.18	+03 51 05.7	18.8 704
1998 XQ ₈₆	1998 12 22.19248	05 48 56.05	+20 31 44.2	17.8	704	1998 XC ₈₇	1998 12 15.42600	05 53 55.44	+03 51 12.1	18.8 704
1998 XQ ₈₆	1998 12 22.21538	05 48 54.71	+20 31 49.0	18.6	704	1998 XC ₈₇	1998 12 15.44086	05 53 54.51	+03 51 17.6	19.2 704
1998 XQ ₈₆	1998 12 22.23805	05 48 53.27	+20 31 54.3	18.8	704	1998 XC ₈₇	1998 12 22.19549	05 47 15.27	+04 32 57.4	18.6 704
1998 XQ ₈₆	1998 12 22.26088	05 48 52.01	+20 31 59.3	18.5	704	1998 XC ₈₇	1998 12 22.21838	05 47 13.82	+04 33 06.0	18.9 704
1998 XR ₈₆	* 1998 12 15.37999	05 56 01.64	+19 31 23.5	18.4	704	1998 XC ₈₇	1998 12 22.24105	05 47 12.56	+04 33 14.8	19.1 704
1998 XR ₈₆	1998 12 15.39496	05 56 00.64	+19 31 23.6	18.4	704	1998 XC ₈₇	1998 12 22.26389	05 47 11.15	+04 33 25.3	18.6 704
1998 XR ₈₆	1998 12 15.40979	05 55 59.72	+19 31 23.7	18.4	704	1998 XC ₈₇	1998 12 22.28663	05 47 09.66	+04 33 34.5	18.7 704
1998 XR ₈₆	1998 12 15.42464	05 55 58.87	+19 31 22.4	18.9	704	1998 XD ₈₇	* 1998 12 15.38139	05 54 53.62	+04 01 54.2	18.5 704
1998 XR ₈₆	1998 12 15.43950	05 55 57.78	+19 31 24.0	18.9	704	1998 XD ₈₇	1998 12 15.39633	05 54 52.65	+04 01 50.5	18.5 704
1998 XR ₈₆	1998 12 22.19248	05 49 20.09	+19 29 15.0	18.8	704	1998 XD ₈₇	1998 12 15.41114	05 54 51.69	+04 01 46.1	18.4 704
1998 XR ₈₆	1998 12 22.21538	05 49 18.63	+19 29 13.0	19.5	704	1998 XD ₈₇	1998 12 15.42600	05 54 50.68	+04 01 46.3	18.4 704
1998 XR ₈₆	1998 12 22.23805	05 49 17.30	+19 29 14.6	19.5	704	1998 XD ₈₇	1998 12 15.44086	05 54 49.94	+04 01 43.7	18.9 704
1998 XR ₈₆	1998 12 22.26088	05 49 15.86	+19 29 14.3	19.1	704	1998 XD ₈₇	1998 12 22.19549	05 48 03.55	+03 48 20.3	18.4 704
1998 XR ₈₆	1998 12 22.28362	05 49 14.42	+19 29 13.4	19.0	704	1998 XD ₈₇	1998 12 22.21838	05 48 02.08	+03 48 18.1	18.5 704
1998 XS ₈₆	* 1998 12 15.37999	05 56 06.54	+19 46 14.5	18.7	704	1998 XD ₈₇	1998 12 22.24105	05 48 00.85	+03 48 17.6	19.3 704
1998 XS ₈₆	1998 12 15.39496	05 56 05.58	+19 46 14.8	18.7	704	1998 XD ₈₇	1998 12 22.26389	05 47 59.32	+03 48 16.0	19.1 704
1998 XS ₈₆	1998 12 15.40979	05 56 04.61	+19 46 14.9	18.6	704	1998 XD ₈₇	1998 12 22.28663	05 47 57.84	+03 48 13.9	18.5 704
1998 XS ₈₆	1998 12 15.42464	05 56 03.66	+19 46 19.6	18.6	704	1998 XE ₈₇	* 1998 12 15.38179	05 55 18.63	+09 03 27.2	16.9 704
1998 XS ₈₆	1998 12 22.19248	05 48 58.48	+20 02 53.8	18.2	704	1998 XE ₈₇	1998 12 15.39672	05 55 17.65	+09 03 22.4	704
1998 XS ₈₆	1998 12 22.21538	05 48 56.88	+20 02 58.6	19.3	704	1998 XE ₈₇	1998 12 15.41154	05 55 16.81	+09 03 17.1	704
1998 XS ₈₆	1998 12 22.23805	05 48 55.36	+20 03 01.4	19.4	704	1998 XE ₈₇	1998 12 15.42640	05 55 15.90	+09 03 12.0	704
1998 XS ₈₆	1998 12 22.26088	05 48 53.96	+20 03 05.2	18.8	704	1998 XE ₈₇	1998 12 15.44129	05 55 14.99	+09 03 06.7	704
1998 XS ₈₆	1998 12 22.28362	05 48 52.59	+20 03 08.4	19.3	704	1998 XE ₈₇	1998 12 22.19594	05 48 32.92	+08 27 21.2	16.4 704
1998 XT ₈₆	* 1998 12 15.38009	05 53 52.24	+18 34 16.6	18.7	704	1998 XE ₈₇	1998 12 22.21883	05 48 31.58	+08 27 15.8	17.8 704
1998 XT ₈₆	1998 12 15.39506	05 53 50.97	+18 34 12.3	18.5	704	1998 XE ₈₇	1998 12 22.24151	05 48 30.04	+08 27 09.6	17.2 704
1998 XT ₈₆	1998 12 15.42474	05 53 49.18	+18 34 03.5	18.0	704	1998 XE ₈₇	1998 12 22.26434	05 48 28.78	+08 27 03.0	16.9 704
1998 XT ₈₆	1998 12 15.43960	05 53 48.08	+18 33 59.2	18.1	704	1998 XE ₈₇	1998 12 22.28708	05 48 27.32	+08 26 55.8	17.0 704
1998 XT ₈₆	1998 12 22.19218	05 46 25.11	+17 57 51.8	17.9	704	1998 XF ₈₇	* 1998 12 15.38189	05 59 12.33	+10 01 28.8	18.2 704
1998 XT ₈₆	1998 12 22.21508	05 46 23.51	+17 57 44.6	18.8	704	1998 XF ₈₇	1998 12 15.39682	05 59 11.60	+10 01 19.9	18.2 704
1998 XT ₈₆	1998 12 22.23775	05 46 22.06	+17 57 37.4	19.3	704	1998 XF ₈₇	1998 12 15.41164	05 59 10.78	+10 01 10.8	18.5 704
1998 XT ₈₆	1998 12 22.26048	05 46 20.53	+17 57 30.6	18.5	704	1998 XF ₈₇	1998 12 15.42650	05 59 09.96	+10 01 02.1	18.5 704
1998 XU ₈₆	* 1998 12 15.38019	05 53 36.59	+17 42 31.3	18.1	704	1998 XF ₈₇	1998 12 15.44139	05 59 09.16	+10 00 50.6	18.4 704
1998 XU ₈₆	1998 12 15.39516	05 53 35.60	+17 42 31.6	18.2	704	1998 XF ₈₇	1998 12 22.19609	05 53 01.78	+08 52 57.9</	

1998 XK ₈₇	1998 12 16.21803	06 00 00.26	+17 19 24.5	16.9	704	1998 XV ₈₇	1998 12 22.24272	05 56 28.67	+17 25 23.2	19.9	704
1998 XK ₈₇	1998 12 16.36734	05 59 49.59	+17 19 06.1	17.4	704	1998 XV ₈₇	1998 12 22.26555	05 56 27.09	+17 25 19.0	19.8	704
1998 XK ₈₇	1998 12 16.41523	05 59 46.13	+17 18 59.9		704	1998 XV ₈₇	1998 12 22.28829	05 56 25.49	+17 25 17.3	19.6	704
1998 XK ₈₇	1998 12 22.19354	05 53 06.53	+17 08 27.0	18.6	704	1998 XW ₈₇	* 1998 12 15.38346	06 08 14.56	+16 38 12.8	17.9	704
1998 XK ₈₇	1998 12 22.21644	05 53 04.89	+17 08 25.1	18.6	704	1998 XW ₈₇	1998 12 15.39840	06 08 13.72	+16 38 09.7	18.0	704
1998 XK ₈₇	1998 12 22.23911	05 53 03.25	+17 08 23.1	18.8	704	1998 XW ₈₇	1998 12 15.41322	06 08 12.98	+16 38 06.6	18.0	704
1998 XK ₈₇	1998 12 22.26194	05 53 01.66	+17 08 21.1	18.7	704	1998 XW ₈₇	1998 12 15.42809	06 08 12.03	+16 38 02.5	17.6	704
1998 XK ₈₇	1998 12 22.28468	05 52 59.92	+17 08 17.0	18.5	704	1998 XW ₈₇	1998 12 15.44302	06 08 11.40	+16 38 01.2	17.6	704
1998 XL ₈₇	* 1998 12 15.38278	06 03 08.54	+21 33 16.3	18.3	704	1998 XW ₈₇	1998 12 22.28980	06 01 54.25	+16 19 13.7	17.6	704
1998 XL ₈₇	1998 12 15.39771	06 03 07.47	+21 33 18.2	18.7	704	1998 XW ₈₇	1998 12 22.31248	06 01 52.99	+16 19 10.0	18.0	704
1998 XL ₈₇	1998 12 15.41253	06 03 06.39	+21 33 20.3	18.2	704	1998 XW ₈₇	1998 12 22.33545	06 01 51.52	+16 19 06.7	18.7	704
1998 XL ₈₇	1998 12 15.42740	06 03 05.41	+21 33 21.0	18.3	704	1998 XW ₈₇	1998 12 22.35824	06 01 50.33	+16 19 02.2	18.7	704
1998 XL ₈₇	1998 12 15.44228	06 03 04.28	+21 33 21.6	18.3	704	1998 XW ₈₇	1998 12 22.38095	06 01 49.09	+16 18 59.7	18.1	704
1998 XL ₈₇	1998 12 22.19264	05 55 17.13	+21 41 29.2	18.4	704	1998 XX ₈₇	* 1998 12 15.38346	06 10 48.05	+16 49 58.9	18.0	704
1998 XL ₈₇	1998 12 22.21553	05 55 15.60	+21 41 30.7	19.2	704	1998 XX ₈₇	1998 12 15.41322	06 10 46.18	+16 49 58.1	18.1	704
1998 XL ₈₇	1998 12 22.23820	05 55 13.85	+21 41 30.7	19.1	704	1998 XX ₈₇	1998 12 15.42809	06 10 45.32	+16 49 58.0	18.1	704
1998 XL ₈₇	1998 12 22.28377	05 55 10.64	+21 41 33.0	18.9	704	1998 XX ₈₇	1998 12 15.44302	06 10 44.56	+16 49 55.4	18.3	704
1998 XM ₈₇	* 1998 12 15.38291	06 09 07.44	+22 01 51.4	18.5	704	1998 XX ₈₇	1998 12 22.28980	06 04 12.70	+16 46 38.5	17.6	704
1998 XM ₈₇	1998 12 15.39798	06 09 06.47	+22 01 48.1	18.9	704	1998 XX ₈₇	1998 12 22.31248	06 04 11.29	+16 46 37.7	18.2	704
1998 XM ₈₇	1998 12 15.41273	06 09 05.24	+22 01 47.2	18.7	704	1998 XX ₈₇	1998 12 22.33545	06 04 09.96	+16 46 37.6	19.1	704
1998 XM ₈₇	1998 12 15.44248	06 09 03.20	+22 01 43.1	18.6	704	1998 XX ₈₇	1998 12 22.35824	06 04 08.56	+16 46 37.8	19.0	704
1998 XM ₈₇	1998 12 22.19309	06 01 20.36	+21 47 15.8	18.7	704	1998 XX ₈₇	1998 12 22.38095	06 04 07.15	+16 46 36.6	18.4	704
1998 XM ₈₇	1998 12 22.21599	06 01 18.76	+21 47 11.9	19.1	704	1998 XY ₈₇	* 1998 12 15.38356	06 06 58.22	+15 25 06.5	18.9	704
1998 XM ₈₇	1998 12 22.23866	06 01 17.10	+21 47 09.8	19.1	704	1998 XY ₈₇	1998 12 15.39849	06 06 57.06	+15 25 05.4	18.3	704
1998 XM ₈₇	1998 12 22.26149	06 01 15.39	+21 47 08.3	19.6	704	1998 XY ₈₇	1998 12 15.41332	06 06 56.12	+15 25 05.9	18.3	704
1998 XM ₈₇	1998 12 22.28423	06 01 13.91	+21 47 04.4	19.0	704	1998 XY ₈₇	1998 12 15.42819	06 06 55.09	+15 25 07.1		704
1998 XN ₈₇	* 1998 12 15.38307	06 11 27.57	+20 51 26.3	18.3	704	1998 XY ₈₇	1998 12 15.44311	06 06 54.14	+15 25 06.9		704
1998 XN ₈₇	1998 12 15.39801	06 11 26.62	+20 51 24.4	18.3	704	1998 XY ₈₇	1998 12 22.28995	05 59 15.92	+15 30 52.9	17.6	704
1998 XN ₈₇	1998 12 15.41283	06 11 25.68	+20 51 22.4	18.5	704	1998 XY ₈₇	1998 12 22.31263	05 59 14.43	+15 30 54.2	18.2	704
1998 XN ₈₇	1998 12 15.42769	06 11 24.70	+20 51 21.0	18.8	704	1998 XY ₈₇	1998 12 22.33559	05 59 12.72	+15 30 54.5	19.6	704
1998 XN ₈₇	1998 12 15.44258	06 11 23.79	+20 51 20.0	18.8	704	1998 XY ₈₇	1998 12 22.35840	05 59 11.25	+15 30 57.7	18.9	704
1998 XN ₈₇	1998 12 22.19758	06 04 21.86	+20 38 55.1	18.1	704	1998 XY ₈₇	1998 12 22.38110	05 59 09.66	+15 30 58.7	18.5	704
1998 XN ₈₇	1998 12 22.22036	06 04 20.31	+20 38 52.2	18.5	704	1998 XZ ₈₇	* 1998 12 15.38356	06 08 00.29	+15 00 20.1	18.2	704
1998 XN ₈₇	1998 12 22.24303	06 04 18.89	+20 38 48.8	18.7	704	1998 XZ ₈₇	1998 12 15.39849	06 07 59.35	+15 00 20.5	18.7	704
1998 XN ₈₇	1998 12 22.26585	06 04 17.37	+20 38 46.4	18.4	704	1998 XZ ₈₇	1998 12 15.42819	06 07 57.74	+15 00 17.0	18.2	704
1998 XN ₈₇	1998 12 22.28860	06 04 15.88	+20 38 44.1	18.4	704	1998 XZ ₈₇	1998 12 15.44311	06 07 56.80	+15 00 16.5	18.2	704
1998 XO ₈₇	* 1998 12 15.38307	06 12 30.97	+20 58 06.6	18.6	704	1998 XZ ₈₇	1998 12 22.28995	06 01 26.26	+15 00 19.8	18.2	704
1998 XO ₈₇	1998 12 15.39801	06 12 29.99	+20 58 00.0	18.4	704	1998 XZ ₈₇	1998 12 22.31263	06 01 24.87	+15 00 20.0	18.2	704
1998 XO ₈₇	1998 12 15.41283	06 12 29.15	+20 57 55.6	18.4	704	1998 XZ ₈₇	1998 12 22.33559	06 01 23.50	+15 00 20.2	18.3	704
1998 XO ₈₇	1998 12 15.42769	06 12 28.34	+20 57 51.2	18.8	704	1998 XZ ₈₇	1998 12 22.35840	06 01 22.15	+15 00 20.6	19.0	704
1998 XO ₈₇	1998 12 15.44258	06 12 27.39	+20 57 44.7	18.8	704	1998 XZ ₈₇	1998 12 22.38110	06 01 20.71	+15 00 21.2	18.4	704
1998 XO ₈₇	1998 12 22.19758	06 06 00.24	+20 17 06.6	17.9	704	1998 XA ₈₈	* 1998 12 15.38356	06 09 14.84	+15 25 15.7	18.1	704
1998 XO ₈₇	1998 12 22.22036	06 05 58.82	+20 16 58.2	18.7	704	1998 XA ₈₈	1998 12 15.39849	06 09 13.96	+15 25 20.5	18.1	704
1998 XO ₈₇	1998 12 22.26585	06 05 56.08	+20 16 41.1	19.0	704	1998 XA ₈₈	1998 12 15.41332	06 09 13.17	+15 25 26.8	18.2	704
1998 XO ₈₇	1998 12 22.28860	06 05 54.86	+20 16 32.7	18.4	704	1998 XA ₈₈	1998 12 15.42819	06 09 12.26	+15 25 34.4	19.0	704
1998 XP ₈₇	* 1998 12 15.38307	06 15 09.81	+20 52 27.6	18.7	704	1998 XA ₈₈	1998 12 15.44311	06 09 11.21	+15 25 39.2	18.2	704
1998 XP ₈₇	1998 12 15.39801	06 15 08.86	+20 52 29.3	18.3	704	1998 XA ₈₈	1998 12 22.28980	06 02 12.09	+16 16 33.5	17.6	704
1998 XP ₈₇	1998 12 15.41283	06 15 07.91	+20 52 32.5	18.3	704	1998 XA ₈₈	1998 12 22.31248	06 02 10.60	+16 16 43.4	18.3	704
1998 XP ₈₇	1998 12 15.42769	06 15 06.95	+20 52 32.6	18.0	704	1998 XA ₈₈	1998 12 22.33545	06 02 09.13	+16 16 54.5	18.5	704
1998 XP ₈₇	1998 12 15.44258	06 15 05.99	+20 52 32.8	18.0	704	1998 XA ₈₈	1998 12 22.38095	06 02 06.26	+16 17 14.6	18.5	704
1998 XP ₈₇	1998 12 22.19773	06 07 58.59	+21 00 45.2	19.4	704	1998 XB ₈₈	* 1998 12 15.38366	06 03 51.40	+13 34 28.6	19.4	704
1998 XP ₈₇	1998 12 22.22051	06 07 57.29	+21 00 46.4	19.2	704	1998 XB ₈₈	1998 12 15.39859	06 03 50.47	+13 34 28.8	19.4	704
1998 XP ₈₇	1998 12 22.24318	06 07 55.71	+21 00 47.9	18.8	704	1998 XB ₈₈	1998 12 15.41342	06 03 49.46	+13 34 32.3	19.3	704
1998 XP ₈₇	1998 12 22.26600	06 07 54.10	+21 00 50.5	18.9	704	1998 XB ₈₈	1998 12 15.42828	06 03 48.55	+13 34 34.1	18.7	704
1998 XQ ₈₇	* 1998 12 15.38317	06 10 06.10	+20 35 56.2	18.6	704	1998 XB ₈₈	1998 12 15.44321	06 03 47.67	+13 34 36.0	18.7	704
1998 XQ ₈₇	1998 12 15.39810	06 10 05.01	+20 35 56.4	18.7	704	1998 XB ₈₈	1998 12 22.19670	05 56 33.71	+13 49 50.1	18.8	704
1998 XQ ₈₇	1998 12 15.41293	06 10 04.00	+20 35 54.2	18.4	704	1998 XB ₈₈	1998 12 22.21959	05 56 32.17	+13 49 54.2	19.2	704
1998 XQ ₈₇	1998 12 15.42779	06 10 02.89	+20 35 53.2	18.4	704	1998 XB ₈₈	1998 12 22.24227	05 56 30.62	+13 49 58.9	19.2	704
1998 XQ ₈₇	1998 12 15.44272	06 10 01.87	+20 35 53.0	18.5	704	1998 XB ₈₈	1998 12 22.26509	05 56 29.07	+13 50 01.6	18.9	704
1998 XQ ₈₇	1998 12 22.19758	06 02 04.27	+20 33 11.3	17.7	704	1998 XB ₈₈	1998 12 22.28784	05 56 27.52	+13 50 06.4	18.7	704
1998 XQ ₈₇	1998 12 22.22036	06 02 02.62	+20 33 10.9	18.1	704	1998 XC ₈₈	* 1998 12 15.38366	06 04 59.39	+14 06 26.3	18.7	704
1998 XQ ₈₇	1998 12 22.26585	06 02 59.32	+20 33 12.2	18.3	704	1998 XC ₈₈	1998 12 15.39859	06 04 58.46	+14 06 26.4	18.7	704
1998 XQ ₈₇	1998 12 22.28860	06 01 57.61	+20 33 09.9		704	1998 XC ₈₈	1998 12 15.42828	06 04 56.59	+14 06 26.8	18.3	704
1998 XR ₈₇	* 1998 12 15.38317	06 11 33.00	+19 34 31.8	18.4	704	1998 XC ₈₈	1998 12 15.44321	06 04 55.65	+14 06 26.9	18.3	704
1998 XR ₈₇	1998 12 15.39810	06 11 32.01	+19 34 27.4	18.4	704	1998 XC ₈₈	1998 12 22.19670	05 57 57.89	+14 11 42.6	18.5	704
1998 XR ₈₇	1998 12 15.41293	06 11 31.24	+19 34 27.4	18.1	704	1998 XC ₈₈	1998 12 22.21959	05 57 56.44	+14 11 42.9	18.6	704
1998 XR ₈₇	1998 12 15.42779	06 11 30.36	+19 34 23.1	18.1	704	1998 XC ₈₈	1998 12 22.26509	05 57 53.41	+14 11 48.0	19.0	704
1998 XR ₈₇	1998 12 15.44272	06 11 29.49	+19 34 23.2	18.4	704	1998 XC ₈₈	1998 12 22.28784	05 57 51.99	+14 11 48.2	18.9	704
1998 XR ₈₇	1998 12 22.28950	06 04 53.66	+19 22 00.4	18.7	704	1998 XD ₈₈	* 1998 12 15.38366	06 05 19.95	+13 49 37.8	18.8	704
1998 XR ₈₇	1998										

1998 XH _{ss}	1998 12 15.39898	06 04 37.03	+09 38 00.6	704	1998 XT _{ss}	1998 12 22.28995	06 02 30.85	+14 38 16.1	17.4	704	
1998 XH _{ss}	1998 12 15.41380	06 04 36.16	+09 38 01.2	704	1998 XT _{ss}	1998 12 22.31263	06 02 29.51	+14 38 20.2	18.4	704	
1998 XH _{ss}	1998 12 15.42867	06 04 35.31	+09 38 01.4	704	1998 XT _{ss}	1998 12 22.33559	06 02 28.14	+14 38 25.8	18.2	704	
1998 XH _{ss}	1998 12 15.44360	06 04 34.53	+09 38 01.8	704	1998 XT _{ss}	1998 12 22.35840	06 02 26.77	+14 38 31.3	18.6	704	
1998 XH _{ss}	1998 12 22.29055	05 58 11.49	+09 44 14.7	704	1998 XT _{ss}	1998 12 22.38110	06 02 25.47	+14 38 34.9	18.2	704	
1998 XH _{ss}	1998 12 22.31323	05 58 10.18	+09 44 16.1	18.2	704	1998 XU _{ss}	* 1998 12 15.38543	06 12 02.02	+13 25 08.4	17.8	704
1998 XH _{ss}	1998 12 22.33620	05 58 08.89	+09 44 17.7	18.4	704	1998 XU _{ss}	1998 12 15.40026	06 12 01.09	+13 25 07.0	17.8	704
1998 XH _{ss}	1998 12 22.35899	05 58 07.54	+09 44 20.1	18.7	704	1998 XU _{ss}	1998 12 15.41508	06 12 00.17	+13 25 08.4	17.8	704
1998 XH _{ss}	1998 12 22.38169	05 58 06.21	+09 44 22.4	18.7	704	1998 XU _{ss}	1998 12 15.42995	06 11 59.28	+13 25 07.3	18.1	704
1998 XJ _{ss}	* 1998 12 15.38431	06 01 05.54	+06 19 33.8	18.0	704	1998 XU _{ss}	1998 12 15.44488	06 11 58.31	+13 25 09.7	18.4	704
1998 XJ _{ss}	1998 12 15.39917	06 01 04.69	+06 19 29.7	17.4	704	1998 XU _{ss}	1998 12 22.29010	06 04 53.96	+13 29 20.8	18.3	704
1998 XJ _{ss}	1998 12 15.41400	06 01 03.71	+06 19 26.7	17.4	704	1998 XU _{ss}	1998 12 22.31278	06 04 52.46	+13 29 20.7	18.8	704
1998 XJ _{ss}	1998 12 15.42887	06 01 02.85	+06 19 23.9	17.3	704	1998 XU _{ss}	1998 12 22.33574	06 04 51.00	+13 29 22.0	18.8	704
1998 XJ _{ss}	1998 12 15.44380	06 01 01.88	+06 19 20.6	17.3	704	1998 XU _{ss}	1998 12 22.35854	06 04 49.52	+13 29 23.1	18.7	704
1998 XJ _{ss}	1998 12 22.29114	05 54 05.84	+05 58 01.3	18.2	704	1998 XU _{ss}	1998 12 22.38125	06 04 47.98	+13 29 25.5	20.0	704
1998 XJ _{ss}	1998 12 22.31382	05 54 04.39	+05 57 58.0	18.9	704	1998 XV _{ss}	* 1998 12 15.38563	06 13 12.37	+16 54 24.4	17.6	704
1998 XJ _{ss}	1998 12 22.33679	05 54 02.87	+05 57 54.2	18.7	704	1998 XV _{ss}	1998 12 15.40045	06 13 11.46	+16 54 20.4		704
1998 XJ _{ss}	1998 12 22.35959	05 54 01.46	+05 57 51.1	18.7	704	1998 XV _{ss}	1998 12 15.41528	06 13 10.54	+16 54 16.0		704
1998 XJ _{ss}	1998 12 22.38229	05 54 00.06	+05 57 48.5	18.7	704	1998 XV _{ss}	1998 12 15.43015	06 13 09.62	+16 54 11.9		704
1998 XK _{ss}	* 1998 12 15.38431	06 01 22.24	+06 36 49.8	18.4	704	1998 XV _{ss}	1998 12 15.44508	06 13 08.65	+16 54 07.8		704
1998 XK _{ss}	1998 12 15.39917	06 01 21.32	+06 36 44.8	18.2	704	1998 XV _{ss}	1998 12 22.29295	06 05 59.57	+16 22 39.9	18.0	704
1998 XK _{ss}	1998 12 15.41400	06 01 20.49	+06 36 36.5	18.2	704	1998 XV _{ss}	1998 12 22.31564	06 05 58.13	+16 22 34.1	17.9	704
1998 XK _{ss}	1998 12 15.42887	06 01 19.80	+06 36 31.9	18.7	704	1998 XV _{ss}	1998 12 22.33860	06 05 56.66	+16 22 28.6	18.2	704
1998 XK _{ss}	1998 12 15.44380	06 01 18.86	+06 36 27.3	18.7	704	1998 XV _{ss}	1998 12 22.36141	06 05 55.14	+16 22 22.8	18.1	704
1998 XK _{ss}	1998 12 22.29114	05 54 55.45	+05 54 29.6	18.8	704	1998 XV _{ss}	1998 12 22.38411	06 05 53.65	+16 22 16.9	18.3	704
1998 XK _{ss}	1998 12 22.31382	05 54 54.20	+05 54 22.4	19.9	704	1998 XW _{ss}	* 1998 12 15.38563	06 16 48.78	+15 54 40.8	18.3	704
1998 XK _{ss}	1998 12 22.35959	05 54 51.54	+05 54 07.0	19.8	704	1998 XW _{ss}	1998 12 15.40045	06 16 47.93	+15 54 38.2	17.7	704
1998 XL _{ss}	* 1998 12 15.38450	05 59 20.61	+03 44 05.9	18.9	704	1998 XW _{ss}	1998 12 15.41528	06 16 47.19	+15 54 34.5	17.7	704
1998 XL _{ss}	1998 12 15.39936	05 59 19.83	+03 44 07.6	18.9	704	1998 XW _{ss}	1998 12 15.43015	06 16 46.33	+15 54 30.1	18.1	704
1998 XL _{ss}	1998 12 15.41419	05 59 18.96	+03 44 10.7	18.8	704	1998 XW _{ss}	1998 12 15.44508	06 16 45.51	+15 54 28.4	18.7	704
1998 XL _{ss}	1998 12 15.42906	05 59 18.06	+03 44 12.5	18.7	704	1998 XW _{ss}	1998 12 22.29476	06 10 37.70	+15 51 40.3	18.6	704
1998 XL _{ss}	1998 12 15.44399	05 59 17.24	+03 44 15.6	18.7	704	1998 XW _{ss}	1998 12 22.31746	06 10 36.39	+15 51 35.8	18.0	704
1998 XL _{ss}	1998 12 22.29129	05 52 56.60	+04 07 20.7	19.2	704	1998 XW _{ss}	1998 12 22.34042	06 10 35.17	+15 51 32.6	18.3	704
1998 XL _{ss}	1998 12 22.31397	05 52 55.31	+04 07 26.0	19.2	704	1998 XW _{ss}	1998 12 22.36322	06 10 33.80	+15 51 27.0	18.8	704
1998 XL _{ss}	1998 12 22.33694	05 52 53.93	+04 07 32.7	19.2	704	1998 XW _{ss}	1998 12 22.38592	06 10 32.64	+15 51 24.2	19.4	704
1998 XL _{ss}	1998 12 22.35973	05 52 52.74	+04 07 37.1	19.8	704	1998 XX _{ss}	* 1998 12 15.38613	06 16 06.09	+22 54 35.9	19.2	704
1998 XL _{ss}	1998 12 22.38244	05 52 51.31	+04 07 45.3	19.6	704	1998 XX _{ss}	1998 12 15.40096	06 16 05.11	+22 54 31.6	18.5	704
1998 XM _{ss}	* 1998 12 15.38460	06 07 07.47	+04 34 43.8	17.9	704	1998 XX _{ss}	1998 12 15.41578	06 16 04.13	+22 54 29.5	18.5	704
1998 XM _{ss}	1998 12 15.39946	06 07 06.67	+04 34 44.0	18.3	704	1998 XX _{ss}	1998 12 15.43065	06 16 03.14	+22 54 25.2	18.8	704
1998 XM _{ss}	1998 12 15.41429	06 07 05.80	+04 34 43.5	18.6	704	1998 XX _{ss}	1998 12 15.44558	06 16 02.12	+22 54 20.9	18.8	704
1998 XM _{ss}	1998 12 15.42916	06 07 05.05	+04 34 41.3	18.7	704	1998 XX _{ss}	1998 12 22.19803	06 08 57.23	+22 27 20.5	18.8	704
1998 XM _{ss}	1998 12 15.44409	06 07 04.14	+04 34 39.9	18.7	704	1998 XX _{ss}	1998 12 22.22081	06 08 55.70	+22 27 14.0	19.6	704
1998 XM _{ss}	1998 12 22.29144	06 00 29.84	+04 31 41.0	18.0	704	1998 XX _{ss}	1998 12 22.26631	06 08 52.64	+22 27 04.7	19.5	704
1998 XM _{ss}	1998 12 22.31412	06 00 28.55	+04 31 41.6	18.8	704	1998 XX _{ss}	1998 12 22.28905	06 08 51.10	+22 26 58.9	19.3	704
1998 XM _{ss}	1998 12 22.33709	06 00 27.08	+04 31 42.4	18.8	704	1998 XY _{ss}	* 1998 12 15.38632	06 14 33.20	+20 31 20.2	17.9	704
1998 XM _{ss}	1998 12 22.35989	06 00 25.67	+04 31 42.7	19.1	704	1998 XY _{ss}	1998 12 15.40115	06 14 32.14	+20 31 23.2	17.6	704
1998 XM _{ss}	1998 12 22.38259	06 00 24.29	+04 31 43.9	19.2	704	1998 XY _{ss}	1998 12 15.41598	06 14 31.21	+20 31 24.8	17.6	704
1998 XN _{ss}	* 1998 12 15.38480	06 11 26.05	+07 04 24.0	17.7	704	1998 XY _{ss}	1998 12 15.43084	06 14 30.19	+20 31 27.5	18.5	704
1998 XN _{ss}	1998 12 15.39966	06 11 25.25	+07 04 28.6	17.7	704	1998 XY _{ss}	1998 12 15.44577	06 14 29.03	+20 31 32.4	19.0	704
1998 XN _{ss}	1998 12 15.41449	06 11 24.23	+07 04 36.7	17.7	704	1998 XY _{ss}	1998 12 22.19773	06 06 48.76	+20 50 42.4	18.4	704
1998 XN _{ss}	1998 12 15.42936	06 11 23.49	+07 04 42.5	17.5	704	1998 XY _{ss}	1998 12 22.22051	06 06 47.13	+20 50 45.7	18.3	704
1998 XN _{ss}	1998 12 15.44428	06 11 22.66	+07 04 47.4	17.5	704	1998 XY _{ss}	1998 12 22.24318	06 06 45.53	+20 50 51.3	18.9	704
1998 XN _{ss}	1998 12 22.29189	06 04 54.91	+07 54 20.1	17.7	704	1998 XY _{ss}	1998 12 22.26600	06 06 43.92	+20 50 54.3	19.3	704
1998 XN _{ss}	1998 12 22.31458	06 04 53.65	+07 54 31.1	18.2	704	1998 XY _{ss}	1998 12 22.28875	06 06 42.19	+20 50 57.9	19.1	704
1998 XN _{ss}	1998 12 22.33754	06 04 52.24	+07 54 41.2	18.3	704	1998 XZ _{ss}	* 1998 12 15.38632	06 15 35.06	+20 37 40.6	17.3	704
1998 XN _{ss}	1998 12 22.36034	06 04 50.90	+07 54 51.2	18.9	704	1998 XZ _{ss}	1998 12 15.40115	06 15 33.96	+20 37 45.1		704
1998 XN _{ss}	1998 12 22.38305	06 04 49.53	+07 55 02.5	18.3	704	1998 XZ _{ss}	1998 12 15.41598	06 15 33.02	+20 37 47.7		704
1998 XO _{ss}	* 1998 12 15.38490	06 09 22.20	+07 43 19.2	18.4	704	1998 XZ _{ss}	1998 12 15.43084	06 15 32.03	+20 37 50.2		704
1998 XO _{ss}	1998 12 15.39976	06 09 21.29	+07 43 16.4	18.4	704	1998 XZ _{ss}	1998 12 15.44577	06 15 31.04	+20 37 54.4	18.0	704
1998 XO _{ss}	1998 12 15.41459	06 09 20.66	+07 43 14.9	18.1	704	1998 XZ _{ss}	1998 12 22.19773	06 07 54.99	+21 01 32.3	17.8	704
1998 XO _{ss}	1998 12 15.42945	06 09 19.89	+07 43 10.5	17.9	704	1998 XZ _{ss}	1998 12 22.22051	06 07 53.42	+21 01 36.6		704
1998 XO _{ss}	1998 12 15.44438	06 09 19.15	+07 43 09.8	17.9	704	1998 XZ _{ss}	1998 12 22.24318	06 07 51.83	+21 01 41.8	18.3	704
1998 XO _{ss}	1998 12 22.29189	06 03 46.08	+07 24 22.0	18.3	704	1998 XZ _{ss}	1998 12 22.26600	06 07 50.00	+21 01 45.4	19.4	704
1998 XO _{ss}	1998 12 22.31458	06 03 45.03	+07 24 17.0	18.9	704	1998 XA _{sg}	* 1998 12 15.38632	06 19 37.30	+19 52 30.4	18.1	704
1998 XO _{ss}	1998 12 22.33754	06 03 43.81	+07 24 15.1	19.0	704	1998 XA _{sg}	1998 12 15.40115	06 19 36.22	+19 52 35.1	18.0	704
1998 XO _{ss}	1998 12 22.36034	06 03 42.59	+07 24 12.9	19.2	704	1998 XA _{sg}	1998 12 15.41598	06 19 35.29	+19 52 38.7	18.0	704
1998 XP _{ss}	* 1998 12 15.38490	06 10 48.10	+08 15 51.0	18.5	704	1998 XA _{sg}	1998 12 15.43084	06 19 34.32	+19 52 40.8	18.2	704
1998 XP _{ss}	1998 12 15.39976	06 10 47.27	+08 15 46.6	18.8	704	1998 XA _{sg}	1998 12 15.44577	06 19 33.17	+19 52 44.7	19.1	704
1998 XP _{ss}	1998 12 15.41459	06 10 46.55	+08 15 42.3	18.6	704	1998 XA _{sg}	1998 12 22.19833	06 12 03.25	+20 20 00.4	18.2	704
1998 XP _{ss}	1998 12 15.42945	06 10 45.64	+08 15 38.0	18.6	704	1998 XA _{sg}	1998 12 22.22111	06 12 01.44	+20 20 05.4	19.2	704
1998 XP _{ss}	1998 12 15.44438	06 10									

1998 XE ₈₉	1998 12 22.35809	06 04 29.57	+17 20 01.8	19.2	704	1998 XQ ₈₉	1998 12 22.31716	06 19 52.81	+18 00 26.4	18.3	704
1998 XE ₈₉	1998 12 22.38080	06 04 28.26	+17 20 01.5	18.6	704	1998 XQ ₈₉	1998 12 22.34012	06 19 51.24	+18 00 29.1	19.3	704
1998 XF ₈₉	* 1998 12 15.38651	06 13 14.08	+17 14 30.4	18.5	704	1998 XQ ₈₉	1998 12 22.36292	06 19 49.66	+18 00 34.8	18.2	704
1998 XF ₈₉	1998 12 15.40134	06 13 13.10	+17 14 27.4	17.9	704	1998 XQ ₈₉	1998 12 22.38562	06 19 48.08	+18 00 38.7	19.0	704
1998 XF ₈₉	1998 12 15.41617	06 13 12.14	+17 14 25.3	17.9	704	1998 XR ₈₉	* 1998 12 15.38760	06 21 23.74	+16 39 13.7	17.5	704
1998 XF ₈₉	1998 12 15.43103	06 13 10.93	+17 14 25.4	18.5	704	1998 XR ₈₉	1998 12 15.40243	06 21 22.81	+16 39 08.6	17.5	704
1998 XF ₈₉	1998 12 15.44597	06 13 10.05	+17 14 23.2	18.8	704	1998 XR ₈₉	1998 12 15.41727	06 21 21.91	+16 39 04.9	17.5	704
1998 XF ₈₉	1998 12 22.28965	06 05 39.16	+17 04 17.0	17.7	704	1998 XR ₈₉	1998 12 15.43212	06 21 20.83	+16 38 59.0	17.4	704
1998 XF ₈₉	1998 12 22.31233	06 05 37.58	+17 04 15.2	18.2	704	1998 XR ₈₉	1998 12 15.44705	06 21 19.89	+16 38 54.0	17.8	704
1998 XF ₈₉	1998 12 22.35809	06 05 34.35	+17 04 09.6	19.5	704	1998 XR ₈₉	1998 12 22.29461	06 14 06.01	+16 06 06.6	17.9	704
1998 XF ₈₉	1998 12 22.38080	06 05 32.77	+17 04 08.7	18.8	704	1998 XR ₈₉	1998 12 22.31731	06 14 04.54	+16 05 58.5	19.6	704
1998 XG ₈₉	* 1998 12 15.38662	06 14 45.87	+17 07 36.9	18.4	704	1998 XR ₈₉	1998 12 22.34027	06 14 02.98	+16 05 53.4	18.1	704
1998 XG ₈₉	1998 12 15.40144	06 14 45.02	+17 07 37.1	18.4	704	1998 XR ₈₉	1998 12 22.36307	06 14 01.46	+16 05 48.1	18.3	704
1998 XG ₈₉	1998 12 22.28965	06 06 58.08	+17 10 27.8	19.2	704	1998 XR ₈₉	1998 12 22.38577	06 13 59.95	+16 05 42.6	18.8	704
1998 XG ₈₉	1998 12 22.31233	06 06 56.41	+17 10 26.9	18.6	704	1998 XS ₈₉	* 1998 12 15.38760	06 23 15.78	+16 30 41.3	18.5	704
1998 XG ₈₉	1998 12 22.33529	06 06 54.82	+17 10 28.3	19.3	704	1998 XS ₈₉	1998 12 15.41727	06 23 13.96	+16 30 37.2	18.5	704
1998 XG ₈₉	1998 12 22.38080	06 06 51.53	+17 10 28.8	18.8	704	1998 XS ₈₉	1998 12 15.43212	06 23 12.94	+16 30 34.9	18.4	704
1998 XH ₈₉	* 1998 12 15.38662	06 16 46.97	+17 37 46.2	18.0	704	1998 XS ₈₉	1998 12 15.44705	06 23 12.07	+16 30 33.0	18.4	704
1998 XH ₈₉	1998 12 15.40144	06 16 46.02	+17 37 50.1	18.0	704	1998 XS ₈₉	1998 12 22.29461	06 16 14.05	+16 13 03.6	19.0	704
1998 XH ₈₉	1998 12 15.41627	06 16 44.95	+17 37 50.9	17.9	704	1998 XS ₈₉	1998 12 22.31731	06 16 12.47	+16 12 59.3	18.9	704
1998 XH ₈₉	1998 12 15.43113	06 16 43.97	+17 37 54.9	17.9	704	1998 XS ₈₉	1998 12 22.34027	06 16 11.09	+16 12 58.1	19.0	704
1998 XH ₈₉	1998 12 15.44607	06 16 42.92	+17 37 56.4	17.8	704	1998 XS ₈₉	1998 12 22.36307	06 16 09.64	+16 12 55.3	18.8	704
1998 XH ₈₉	1998 12 22.29310	06 08 52.91	+17 58 59.4	18.2	704	1998 XS ₈₉	1998 12 22.38577	06 16 08.06	+16 12 51.0	18.9	704
1998 XH ₈₉	1998 12 22.31579	06 08 51.39	+17 59 03.9	18.1	704	1998 XT ₈₉	* 1998 12 15.38770	06 19 13.12	+15 12 28.0	17.1	704
1998 XH ₈₉	1998 12 22.33875	06 08 49.68	+17 59 08.7	18.3	704	1998 XT ₈₉	1998 12 15.40252	06 19 12.29	+15 12 28.8		704
1998 XH ₈₉	1998 12 22.36156	06 08 48.04	+17 59 13.2	18.9	704	1998 XT ₈₉	1998 12 15.41736	06 19 11.32	+15 12 29.8	17.5	704
1998 XH ₈₉	1998 12 22.38426	06 08 46.38	+17 59 17.5	18.9	704	1998 XT ₈₉	1998 12 15.43222	06 19 10.51	+15 12 31.0		704
1998 XJ ₈₉	* 1998 12 15.38672	06 17 05.43	+18 43 49.1	19.1	704	1998 XT ₈₉	1998 12 15.44715	06 19 09.66	+15 12 32.9		704
1998 XJ ₈₉	1998 12 15.40154	06 17 04.44	+18 43 50.8	19.1	704	1998 XT ₈₉	1998 12 22.29476	06 12 27.57	+15 21 36.6	19.2	704
1998 XJ ₈₉	1998 12 15.41638	06 17 03.55	+18 43 53.9	18.9	704	1998 XT ₈₉	1998 12 22.34042	06 12 24.67	+15 21 39.9	18.4	704
1998 XJ ₈₉	1998 12 15.43123	06 17 02.62	+18 43 56.2	18.9	704	1998 XT ₈₉	1998 12 22.36322	06 12 23.34	+15 21 41.4	19.4	704
1998 XJ ₈₉	1998 12 22.28950	06 10 16.02	+19 08 06.3	18.9	704	1998 XT ₈₉	1999 01 15.90853	05 50 22.22	+16 23 59.9		118
1998 XJ ₈₉	1998 12 22.33514	06 10 13.17	+19 08 18.5	19.2	704	1998 XT ₈₉	1999 01 15.92562	05 50 21.52	+16 24 03.3		118
1998 XJ ₈₉	1998 12 22.35794	06 10 11.70	+19 08 21.4	19.6	704	1998 XT ₈₉	1999 01 15.93624	05 50 21.08	+16 24 05.3		118
1998 XJ ₈₉	1998 12 22.38065	06 10 10.17	+19 08 23.9	19.3	704	1998 XT ₈₉	1999 01 15.98543	05 50 19.01	+16 24 15.1		118
1998 XK ₈₉	* 1998 12 15.38672	06 18 30.62	+18 59 15.5	17.8	704	1998 XT ₈₉	1999 01 15.99485	05 50 18.64	+16 24 16.7		118
1998 XK ₈₉	1998 12 15.40154	06 18 29.84	+18 59 16.9	17.8	704	1998 XT ₈₉	1999 01 16.80259	05 49 47.25	+16 26 56.5		118
1998 XK ₈₉	1998 12 15.41638	06 18 28.89	+18 59 20.2	18.0	704	1998 XT ₈₉	1999 01 16.80857	05 49 47.04	+16 26 57.5		118
1998 XK ₈₉	1998 12 15.44617	06 18 26.98	+18 59 21.9	17.4	704	1998 XT ₈₉	1999 01 16.81192	05 49 46.90	+16 26 58.0		118
1998 XK ₈₉	1998 12 22.29326	06 11 34.98	+19 12 58.8	17.3	704	1998 XU ₈₉	* 1998 12 15.38780	06 14 37.87	+14 01 25.4	18.4	704
1998 XK ₈₉	1998 12 22.31594	06 11 33.57	+19 13 01.6	18.3	704	1998 XU ₈₉	1998 12 15.40262	06 14 36.95	+14 01 25.5	18.4	704
1998 XK ₈₉	1998 12 22.33890	06 11 32.14	+19 13 05.0	18.7	704	1998 XU ₈₉	1998 12 15.41746	06 14 36.29	+14 01 27.4	18.5	704
1998 XK ₈₉	1998 12 22.36171	06 11 30.52	+19 13 08.3	18.3	704	1998 XU ₈₉	1998 12 15.43232	06 14 35.53	+14 01 28.2	18.4	704
1998 XK ₈₉	1998 12 22.38441	06 11 29.12	+19 13 10.9	18.2	704	1998 XU ₈₉	1998 12 15.44725	06 14 34.76	+14 01 29.2	18.4	704
1998 XL ₈₉	* 1998 12 15.38672	06 21 45.90	+18 44 30.4	18.8	704	1998 XU ₈₉	1998 12 22.29265	06 08 42.75	+14 08 08.5	18.2	704
1998 XL ₈₉	1998 12 15.40154	06 21 44.85	+18 44 32.0	18.5	704	1998 XU ₈₉	1998 12 22.31533	06 08 41.49	+14 08 12.0	19.6	704
1998 XL ₈₉	1998 12 15.41638	06 21 43.81	+18 44 35.0	18.3	704	1998 XU ₈₉	1998 12 22.33829	06 08 40.33	+14 08 13.4	19.3	704
1998 XL ₈₉	1998 12 15.43123	06 21 42.92	+18 44 35.4	18.3	704	1998 XU ₈₉	1998 12 22.36110	06 08 39.28	+14 08 13.7	19.6	704
1998 XL ₈₉	1998 12 15.44617	06 21 42.09	+18 44 35.5	18.3	704	1998 XV ₈₉	* 1998 12 15.38780	06 17 09.00	+13 59 24.9	17.9	704
1998 XL ₈₉	1998 12 22.29326	06 14 33.93	+18 53 43.0	17.9	704	1998 XV ₈₉	1998 12 15.40262	06 17 08.22	+13 59 24.7	18.1	704
1998 XL ₈₉	1998 12 22.31594	06 14 32.38	+18 53 44.0	18.2	704	1998 XV ₈₉	1998 12 15.41746	06 17 07.47	+13 59 23.7	18.2	704
1998 XL ₈₉	1998 12 22.33890	06 14 30.87	+18 53 46.2	19.0	704	1998 XV ₈₉	1998 12 15.43232	06 17 06.85	+13 59 21.2	18.3	704
1998 XM ₈₉	* 1998 12 15.38701	06 25 13.76	+22 56 42.1	18.2	704	1998 XV ₈₉	1998 12 15.44725	06 17 05.91	+13 59 20.9	18.3	704
1998 XM ₈₉	1998 12 15.40184	06 25 12.79	+22 56 40.2	18.2	704	1998 XV ₈₉	1998 12 22.29265	06 11 28.17	+13 54 50.3	18.0	704
1998 XM ₈₉	1998 12 15.41667	06 25 11.54	+22 56 40.6	17.8	704	1998 XV ₈₉	1998 12 22.31533	06 11 27.02	+13 54 50.2	18.4	704
1998 XM ₈₉	1998 12 15.43153	06 25 10.52	+22 56 40.9	17.8	704	1998 XV ₈₉	1998 12 22.33829	06 11 25.83	+13 54 48.7	19.0	704
1998 XM ₈₉	1998 12 15.44646	06 25 09.53	+22 56 41.2	18.5	704	1998 XV ₈₉	1998 12 22.36110	06 11 24.74	+13 54 50.1	19.1	704
1998 XM ₈₉	1998 12 22.29371	06 16 57.69	+22 53 52.8	17.5	704	1998 XW ₈₉	* 1998 12 15.38789	06 23 45.55	+12 21 08.3		704
1998 XM ₈₉	1998 12 22.31640	06 16 55.87	+22 53 53.3	18.6	704	1998 XW ₈₉	1998 12 15.40272	06 23 44.64	+12 21 08.9		704
1998 XM ₈₉	1998 12 22.33936	06 16 54.23	+22 53 52.1	19.3	704	1998 XW ₈₉	1998 12 15.41756	06 23 43.60	+12 21 09.8		704
1998 XM ₈₉	1998 12 22.36216	06 16 52.45	+22 53 51.0	19.1	704	1998 XW ₈₉	1998 12 15.43242	06 23 42.59	+12 21 10.3		704
1998 XM ₈₉	1998 12 22.38487	06 16 50.83	+22 53 49.9	18.8	704	1998 XW ₈₉	1998 12 15.44735	06 23 41.58	+12 21 11.3		704
1998 XN ₈₉	* 1998 12 15.38730	06 27 36.80	+20 34 40.0	17.7	704	1998 XW ₈₉	1998 12 22.29506	06 15 59.15	+12 32 49.1	19.2	704
1998 XN ₈₉	1998 12 15.40213	06 27 35.97	+20 34 38.3	17.3	704	1998 XW ₈₉	1998 12 22.31776	06 15 57.48	+12 32 52.7	18.1	704
1998 XN ₈₉	1998 12 15.41697	06 27 35.07	+20 34 34.4	16.9	704	1998 XW ₈₉	1998 12 22.34072	06 15 55.91	+12 32 55.4	18.4	704
1998 XN ₈₉	1998 12 15.43182	06 27 34.08	+20 34 30.1	16.8	704	1998 XW ₈₉	1998 12 22.36352	06 15 54.30	+12 32 58.1	18.6	704
1998 XN ₈₉	1998 12 15.44676	06 27 33.16	+20 34 27.4	17.2	704	1998 XX ₈₉	1998 12 22.38631	06 15 52.66	+12 33 02.1	18.7	704
1998 XN ₈₉	1998 12 22.29416	06 20 28.13	+20 09 24.4	17.6	704	1998 XX ₈₉	* 1998 12 15.38799	06 17 45.59	+11 05 43.0	18.6	704
1998 XN ₈₉	1998 12 22.31686	06 20 26.66	+20 09 19.1		704	1998 XX ₈₉	1998 12 15.40281	06 17 44.59	+11 05 39.5	18.6	704
1998 XN ₈₉	1998 12 22.33981	06 20 25.16	+20 09 15.1	18.2	704						

1998 XB ₉₀	1998 12 22.29625	06 13 07.68	+04 24 02.5	17.6	704	1998 XO ₉₀	1998 12 22.24015	05 44 28.78	+10 37 16.0	19.8	704
1998 XB ₉₀	1998 12 22.31895	06 13 06.40	+04 23 56.7		704	1998 XO ₉₀	1998 12 22.26299	05 44 27.56	+10 37 18.4	19.5	704
1998 XB ₉₀	1998 12 22.34191	06 13 04.98	+04 23 51.8	19.2	704	1998 XO ₉₀	1998 12 22.28572	05 44 26.05	+10 37 18.6	18.3	704
1998 XB ₉₀	1998 12 22.36471	06 13 03.75	+04 23 44.8	18.6	704	1998 XP ₉₀	* 1998 12 15.39692	06 00 26.23	+12 00 51.2	18.3	704
1998 XB ₉₀	1998 12 22.38750	06 13 02.50	+04 23 39.9	18.9	704	1998 XP ₉₀	1998 12 15.41174	06 00 25.34	+12 00 46.8	17.6	704
1998 XC ₉₀	* 1998 12 15.38877	06 20 20.48	+05 19 07.0	17.5	704	1998 XP ₉₀	1998 12 15.42660	06 00 24.53	+12 00 42.4	17.6	704
1998 XC ₉₀	1998 12 15.40358	06 20 19.65	+05 19 06.3		704	1998 XP ₉₀	1998 12 15.44149	06 00 23.58	+12 00 38.1	17.8	704
1998 XC ₉₀	1998 12 15.41843	06 20 18.82	+05 19 04.2	17.7	704	1998 XP ₉₀	1998 12 22.19639	05 53 30.44	+11 31 30.4	18.3	704
1998 XC ₉₀	1998 12 15.43328	06 20 18.04	+05 19 02.9	17.8	704	1998 XP ₉₀	1998 12 22.24197	05 53 27.57	+11 31 20.4	18.6	704
1998 XC ₉₀	1998 12 15.44822	06 20 17.18	+05 19 02.3	17.8	704	1998 XP ₉₀	1998 12 22.26479	05 53 26.11	+11 31 15.2	18.0	704
1998 XC ₉₀	1998 12 22.29640	06 13 59.29	+05 13 33.0	18.8	704	1998 XP ₉₀	1998 12 22.28753	05 53 24.58	+11 31 08.9	18.6	704
1998 XC ₉₀	1998 12 22.31910	06 13 58.01	+05 13 34.0		704	1998 XQ ₉₀	* 1998 12 15.39712	05 57 07.74	+13 25 02.5	18.5	704
1998 XC ₉₀	1998 12 22.34207	06 13 56.71	+05 13 34.4	18.1	704	1998 XQ ₉₀	1998 12 15.41194	05 57 06.82	+13 25 02.5	18.7	704
1998 XC ₉₀	1998 12 22.36486	06 13 55.33	+05 13 34.5	18.2	704	1998 XQ ₉₀	1998 12 15.42680	05 57 06.01	+13 24 58.3	18.7	704
1998 XC ₉₀	1998 12 22.38765	06 13 54.06	+05 13 34.9	18.7	704	1998 XQ ₉₀	1998 12 15.44168	05 57 04.80	+13 24 56.3	19.3	704
1998 XD ₉₀	* 1998 12 15.38897	06 19 59.12	+07 47 48.9	17.4	704	1998 XQ ₉₀	1998 12 22.19430	05 50 08.27	+13 08 41.7	19.0	704
1998 XD ₉₀	1998 12 15.40378	06 19 58.25	+07 47 46.1		704	1998 XQ ₉₀	1998 12 22.23986	05 50 05.42	+13 08 37.8	18.9	704
1998 XD ₉₀	1998 12 15.41863	06 19 57.38	+07 47 43.2	17.9	704	1998 XQ ₉₀	1998 12 22.28543	05 50 02.48	+13 08 31.5	19.0	704
1998 XD ₉₀	1998 12 15.43348	06 19 56.41	+07 47 42.8		704	1998 XR ₉₀	* 1998 12 15.39731	06 04 42.31	+16 50 03.3	18.0	704
1998 XD ₉₀	1998 12 15.44842	06 19 55.52	+07 47 40.8		704	1998 XR ₉₀	1998 12 15.41213	06 04 41.25	+16 50 03.6	18.4	704
1998 XD ₉₀	1998 12 22.29565	06 13 03.90	+07 37 42.0	17.6	704	1998 XR ₉₀	1998 12 15.42700	06 04 40.21	+16 50 03.5	18.3	704
1998 XD ₉₀	1998 12 22.31836	06 13 02.41	+07 37 41.3	18.6	704	1998 XR ₉₀	1998 12 15.44188	06 04 39.18	+16 50 00.8	18.3	704
1998 XD ₉₀	1998 12 22.34131	06 13 00.93	+07 37 39.3	18.0	704	1998 XR ₉₀	1998 12 22.19712	05 56 53.91	+16 46 35.2	18.3	704
1998 XD ₉₀	1998 12 22.36411	06 12 59.47	+07 37 38.9		704	1998 XR ₉₀	1998 12 22.21990	05 56 52.33	+16 46 35.6	19.1	704
1998 XD ₉₀	1998 12 22.38690	06 12 58.04	+07 37 38.0	18.1	704	1998 XR ₉₀	1998 12 22.24257	05 56 50.50	+16 46 32.3	19.5	704
1998 XE ₉₀	* 1998 12 15.38917	06 22 41.96	+10 27 04.3	17.5	704	1998 XR ₉₀	1998 12 22.26540	05 56 48.89	+16 46 33.7	18.8	704
1998 XE ₉₀	1998 12 15.40398	06 22 41.00	+10 27 03.2	17.4	704	1998 XR ₉₀	1998 12 22.28814	05 56 47.29	+16 46 32.3	19.3	704
1998 XE ₉₀	1998 12 15.41883	06 22 40.10	+10 27 03.3	17.4	704	1998 XS ₉₀	* 1998 12 15.39741	05 59 13.35	+17 49 32.8	18.2	704
1998 XE ₉₀	1998 12 15.43368	06 22 39.23	+10 27 05.0	17.7	704	1998 XS ₉₀	1998 12 15.41224	05 59 12.53	+17 49 28.7	18.2	704
1998 XE ₉₀	1998 12 15.44862	06 22 38.25	+10 27 03.0	17.5	704	1998 XS ₉₀	1998 12 15.42710	05 59 11.75	+17 49 26.9	18.4	704
1998 XE ₉₀	1998 12 22.29536	06 15 28.15	+10 28 45.6	17.5	704	1998 XS ₉₀	1998 12 15.44198	05 59 10.64	+17 49 24.6	18.4	704
1998 XE ₉₀	1998 12 22.31806	06 15 26.65	+10 28 45.8		704	1998 XS ₉₀	1998 12 22.19354	05 52 01.13	+17 30 56.5	18.2	704
1998 XE ₉₀	1998 12 22.34101	06 15 25.04	+10 28 47.2	18.1	704	1998 XS ₉₀	1998 12 22.21644	05 51 59.74	+17 30 52.9	18.9	704
1998 XE ₉₀	1998 12 22.36381	06 15 23.62	+10 28 47.5	18.5	704	1998 XS ₉₀	1998 12 22.23911	05 51 58.22	+17 30 50.4	18.8	704
1998 XE ₉₀	1998 12 22.38660	06 15 22.04	+10 28 48.4	18.5	704	1998 XS ₉₀	1998 12 22.26194	05 51 56.81	+17 30 46.9	18.5	704
1998 XF ₉₀	* 1998 12 15.38946	06 22 31.00	+14 17 13.3	17.1	704	1998 XS ₉₀	1998 12 22.28468	05 51 55.19	+17 30 42.6	18.9	704
1998 XF ₉₀	1998 12 15.40427	06 22 30.15	+14 17 17.2	17.6	704	1998 XT ₉₀	* 1998 12 15.39771	06 06 25.58	+20 54 39.6	18.6	704
1998 XF ₉₀	1998 12 15.41912	06 22 29.34	+14 17 20.2	17.6	704	1998 XT ₉₀	1998 12 15.41253	06 06 24.80	+20 54 44.2	18.6	704
1998 XF ₉₀	1998 12 15.43397	06 22 28.54	+14 17 23.8		704	1998 XT ₉₀	1998 12 15.42740	06 06 24.03	+20 54 45.2	18.3	704
1998 XF ₉₀	1998 12 15.44892	06 22 27.71	+14 17 27.8		704	1998 XT ₉₀	1998 12 15.44228	06 06 23.19	+20 54 49.0	18.5	704
1998 XF ₉₀	1998 12 22.29476	06 16 11.33	+14 46 49.2	17.9	704	1998 XT ₉₀	1998 12 22.21599	06 00 10.42	+21 15 28.8	19.3	704
1998 XF ₉₀	1998 12 22.31746	06 16 09.94	+14 46 54.5		704	1998 XT ₉₀	1998 12 22.23866	06 00 09.23	+21 15 33.5	19.6	704
1998 XF ₉₀	1998 12 22.34042	06 16 08.64	+14 47 01.1	18.0	704	1998 XT ₉₀	1998 12 22.26149	06 00 07.91	+21 15 38.3	19.3	704
1998 XF ₉₀	1998 12 22.36322	06 16 07.32	+14 47 06.1	18.7	704	1998 XT ₉₀	1998 12 22.28423	06 00 06.69	+21 15 41.5	19.6	704
1998 XF ₉₀	1998 12 22.38592	06 16 05.92	+14 47 14.4	18.7	704	1998 XU ₉₀	* 1998 12 15.39820	06 04 35.51	+19 26 55.9	18.8	704
1998 XG ₉₀	* 1998 12 15.39075	05 23 11.38	+05 21 44.5	18.1	704	1998 XU ₉₀	1998 12 15.41303	06 04 34.78	+19 26 56.3	18.9	704
1998 XG ₉₀	1998 12 15.40556	05 23 10.66	+05 21 40.1	18.1	704	1998 XU ₉₀	1998 12 15.42789	06 04 34.04	+19 27 00.4	18.3	704
1998 XG ₉₀	1998 12 15.42041	05 23 09.75	+05 21 40.3	18.4	704	1998 XU ₉₀	1998 12 15.44282	06 04 33.17	+19 27 00.2	18.3	704
1998 XG ₉₀	1998 12 15.43526	05 23 08.83	+05 21 35.9	18.4	704	1998 XU ₉₀	1998 12 22.19324	05 58 39.29	+19 36 38.8	18.9	704
1998 XG ₉₀	1998 12 22.18507	05 16 50.41	+05 06 48.2	18.8	704	1998 XU ₉₀	1998 12 22.21614	05 58 37.84	+19 36 39.0	19.0	704
1998 XG ₉₀	1998 12 22.20797	05 16 48.90	+05 06 44.9	18.5	704	1998 XU ₉₀	1998 12 22.23881	05 58 36.79	+19 36 42.1	19.5	704
1998 XG ₉₀	1998 12 22.23066	05 16 47.69	+05 06 45.1	18.9	704	1998 XU ₉₀	1998 12 22.26164	05 58 35.63	+19 36 44.0	19.3	704
1998 XG ₉₀	1998 12 22.25332	05 16 46.50	+05 06 41.0	18.3	704	1998 XV ₉₀	* 1998 12 15.39820	06 06 44.67	+18 33 55.2	19.0	704
1998 XG ₉₀	1998 12 22.27619	05 16 45.20	+05 06 38.4	18.7	704	1998 XV ₉₀	1998 12 15.41303	06 06 43.86	+18 33 55.3	18.5	704
1998 XH ₉₀	* 1998 12 15.39113	05 30 48.88	+06 59 52.2	18.7	704	1998 XV ₉₀	1998 12 15.42789	06 06 42.98	+18 33 55.4	18.5	704
1998 XH ₉₀	1998 12 15.40594	05 30 48.25	+06 59 52.3	18.7	704	1998 XV ₉₀	1998 12 15.44282	06 06 42.25	+18 33 55.6	18.7	704
1998 XH ₉₀	1998 12 15.42080	05 30 47.51	+06 59 51.6	18.5	704	1998 XV ₉₀	1998 12 22.19743	06 00 46.30	+18 28 07.4	18.6	704
1998 XH ₉₀	1998 12 15.43566	05 30 46.59	+06 59 48.1	18.5	704	1998 XV ₉₀	1998 12 22.22020	06 00 45.07	+18 28 04.9	18.5	704
1998 XH ₉₀	1998 12 22.18582	05 25 00.98	+06 50 29.2	18.4	704	1998 XV ₉₀	1998 12 22.24288	06 00 43.94	+18 28 04.1	19.4	704
1998 XH ₉₀	1998 12 22.20872	05 24 59.67	+06 50 25.6	18.7	704	1998 XV ₉₀	1998 12 22.26570	06 00 42.48	+18 28 03.8	19.0	704
1998 XH ₉₀	1998 12 22.23141	05 24 58.55	+06 50 25.3	18.9	704	1998 XV ₉₀	1998 12 22.28844	06 00 41.29	+18 28 00.7	19.1	704
1998 XH ₉₀	1998 12 22.25407	05 24 57.34	+06 50 25.5	18.6	704	1998 XW ₉₀	* 1998 12 15.39830	06 01 41.34	+17 45 26.0	18.5	704
1998 XJ ₉₀	* 1998 12 15.39183	05 35 52.32	+15 34 44.8	18.3	704	1998 XW ₉₀	1998 12 15.41313	06 01 40.51	+17 45 28.7	18.5	704
1998 XJ ₉₀	1998 12 15.40664	05 35 51.46	+15 34 42.6	18.3	704	1998 XW ₉₀	1998 12 15.42799	06 01 39.78	+17 45 30.7	18.6	704
1998 XJ ₉₀	1998 12 15.42150	05 35 50.61	+15 34 40.8	18.5	704	1998 XW ₉₀	1998 12 15.44292	06 01 39.02	+17 45 34.1	19.1	704
1998 XJ ₉₀	1998 12 15.43635	05 35 49.84	+15 34 36.5	19.0	704	1998 XW ₉₀	1998 12 22.19727	05 55 44.23	+18 01 30.4	18.0	704
1998 XJ ₉₀	1998 12 22.18690	05 29 56.81	+15 19 51.6	18.8	704	1998 XW ₉₀	1998 12 22.22005	05 55 42.99	+18 01 34.5	18.7	704
1998 XJ ₉₀	1998 12 22.20979	05 29 55.52	+15 19 47.5	18.5	704	1998 XW ₉₀	1998 12 22.24272	05 55 41.73	+18 01 38.4	19.0	704
1998 XJ ₉₀	1998 12 22.23247	05 29 54.35	+15 19 45.2	18.6	704	1998 XW ₉₀	1998 12 22.26555	05 55 40.53	+18 01 41.6	18.3	704
1998 XJ ₉₀	1998 12 22.25514	05 29 53.12									

1998 XB ₉₁	1998 12 15.44498	06 12 31.25	+15 46 11.3	18.7	704	1998 XO ₉₁	1998 12 22.28799	05 51 34.74	+14 38 37.8	19.2	704
1998 XB ₉₁	1998 12 22.31549	06 05 41.94	+15 40 57.1	19.0	704	1998 XP ₉₁	* 1998 12 15.44931	06 30 35.13	+18 48 06.1	18.5	704
1998 XB ₉₁	1998 12 22.33845	06 05 40.38	+15 40 55.7	19.1	704	1998 XP ₉₁	1998 12 15.46404	06 30 34.58	+18 48 10.2	18.5	704
1998 XB ₉₁	1998 12 22.36125	06 05 39.12	+15 40 55.1	19.1	704	1998 XP ₉₁	1998 12 15.47882	06 30 33.81	+18 48 10.2	18.3	704
1998 XB ₉₁	1998 12 22.38396	06 05 37.55	+15 40 54.8	18.9	704	1998 XP ₉₁	1998 12 15.49358	06 30 33.10	+18 48 13.9	18.3	704
1998 XC ₉₁	* 1998 12 15.40035	06 13 50.91	+15 13 36.8	19.1	704	1998 XP ₉₁	1998 12 15.50836	06 30 32.31	+18 48 16.7	18.7	704
1998 XC ₉₁	1998 12 15.41518	06 13 50.00	+15 13 37.2	18.6	704	1998 XP ₉₁	1998 12 22.29807	06 24 41.67	+19 06 14.1	18.1	704
1998 XC ₉₁	1998 12 15.44498	06 13 48.11	+15 13 41.7	18.2	704	1998 XP ₉₁	1998 12 22.32078	06 24 40.50	+19 06 17.9	18.1	704
1998 XC ₉₁	1998 12 22.29280	06 06 41.01	+15 23 12.3	18.1	704	1998 XP ₉₁	1998 12 22.34374	06 24 39.27	+19 06 21.5	17.8	704
1998 XC ₉₁	1998 12 22.31549	06 06 39.52	+15 23 13.9	18.1	704	1998 XP ₉₁	1998 12 22.36654	06 24 38.06	+19 06 28.2	19.1	704
1998 XC ₉₁	1998 12 22.33845	06 06 38.12	+15 23 15.3	18.7	704	1998 XP ₉₁	1998 12 22.38932	06 24 36.73	+19 06 31.8	18.8	704
1998 XC ₉₁	1998 12 22.36125	06 06 36.58	+15 23 18.4	18.6	704	1998 XQ ₉₁	* 1998 12 15.44941	06 37 35.04	+20 18 21.7	18.1	704
1998 XC ₉₁	1998 12 22.38396	06 06 35.09	+15 23 20.4	18.3	704	1998 XQ ₉₁	1998 12 15.46414	06 37 34.07	+20 18 18.9	18.1	704
1998 XD ₉₁	* 1998 12 15.40035	06 16 21.46	+15 23 01.2	17.9	704	1998 XQ ₉₁	1998 12 15.49368	06 37 32.31	+20 18 14.8	18.8	704
1998 XD ₉₁	1998 12 15.41518	06 16 20.70	+15 23 01.1	17.7	704	1998 XQ ₉₁	1998 12 15.50846	06 37 31.48	+20 18 13.8	18.9	704
1998 XD ₉₁	1998 12 15.43005	06 16 19.86	+15 23 01.1	17.7	704	1998 XQ ₉₁	1998 12 22.29822	06 30 40.72	+20 09 11.5	17.6	704
1998 XD ₉₁	1998 12 15.44498	06 16 18.99	+15 23 01.6	17.9	704	1998 XQ ₉₁	1998 12 22.32093	06 30 39.12	+20 09 10.6	18.8	704
1998 XD ₉₁	1998 12 22.29476	06 10 04.75	+15 26 44.2	17.6	704	1998 XQ ₉₁	1998 12 22.34389	06 30 37.59	+20 09 10.3	18.8	704
1998 XD ₉₁	1998 12 22.31746	06 10 03.37	+15 26 46.6		704	1998 XR ₉₁	* 1998 12 15.44980	06 31 54.21	+15 42 27.4	17.3	704
1998 XD ₉₁	1998 12 22.34042	06 10 02.05	+15 26 47.3	18.0	704	1998 XR ₉₁	1998 12 15.46453	06 31 53.39	+15 42 32.3	17.9	704
1998 XD ₉₁	1998 12 22.36322	06 10 00.71	+15 26 48.7	18.1	704	1998 XR ₉₁	1998 12 15.47931	06 31 52.46	+15 42 36.9	17.9	704
1998 XD ₉₁	1998 12 22.38592	06 09 59.39	+15 26 47.7	19.0	704	1998 XR ₉₁	1998 12 15.49406	06 31 51.60	+15 42 41.3	18.2	704
1998 XD ₉₁	1999 01 15.92562	05 50 42.52	+16 20 28.3		118	1998 XR ₉₁	1998 12 15.50885	06 31 50.78	+15 42 45.5	18.2	704
1998 XD ₉₁	1999 01 15.93624	05 50 42.10	+16 20 30.2		118	1998 XR ₉₁	1998 12 22.29777	06 25 04.43	+16 21 03.8	18.2	704
1998 XD ₉₁	1999 01 15.99485	05 50 40.33	+16 20 41.1		118	1998 XR ₉₁	1998 12 22.34343	06 25 01.35	+16 21 17.5	19.3	704
1998 XD ₉₁	1999 01 16.80259	05 50 17.46	+16 23 18.4	18.6 R	118	1998 XR ₉₁	1998 12 22.36623	06 25 00.06	+16 21 26.8	19.2	704
1998 XD ₉₁	1999 01 16.80606	05 50 17.39	+16 23 18.9		118	1998 XR ₉₁	1998 12 22.38902	06 24 58.43	+16 21 33.9	19.7	704
1998 XD ₉₁	1999 01 16.80857	05 50 17.33	+16 23 19.1		118	1998 XS ₉₁	* 1998 12 15.44980	06 35 15.94	+14 55 06.5	18.6	704
1998 XE ₉₁	* 1998 12 15.40105	06 17 51.43	+21 51 09.5	18.3	704	1998 XS ₉₁	1998 12 15.46453	06 35 15.00	+14 55 01.2	19.2	704
1998 XE ₉₁	1998 12 15.41588	06 17 50.49	+21 51 13.1	17.8	704	1998 XS ₉₁	1998 12 15.47931	06 35 14.26	+14 54 56.0	18.9	704
1998 XE ₉₁	1998 12 15.43074	06 17 49.76	+21 51 17.7	17.8	704	1998 XS ₉₁	1998 12 15.49406	06 35 13.43	+14 54 52.3	18.9	704
1998 XE ₉₁	1998 12 15.44567	06 17 48.85	+21 51 22.2	18.4	704	1998 XS ₉₁	1998 12 22.29973	06 28 41.70	+14 18 14.8	18.2	704
1998 XE ₉₁	1998 12 22.19803	06 10 58.99	+22 19 41.7	18.4	704	1998 XS ₉₁	1998 12 22.32245	06 28 40.33	+14 18 09.3	18.7	704
1998 XE ₉₁	1998 12 22.22081	06 10 57.55	+22 19 45.8	19.6	704	1998 XS ₉₁	1998 12 22.34540	06 28 38.92	+14 18 01.5	18.4	704
1998 XE ₉₁	1998 12 22.26631	06 10 54.49	+22 19 57.7	19.3	704	1998 XS ₉₁	1998 12 22.39098	06 28 36.07	+14 17 48.3	19.1	704
1998 XE ₉₁	1998 12 22.28905	06 10 53.19	+22 20 04.2	19.1	704	1998 XT ₉₁	* 1998 12 15.44990	06 29 26.02	+13 28 45.1	18.0	704
1998 XF ₉₁	* 1998 12 15.40115	06 15 00.52	+20 21 19.5	18.1	704	1998 XT ₉₁	1998 12 15.46463	06 29 25.33	+13 28 44.9	18.3	704
1998 XF ₉₁	1998 12 15.41598	06 14 59.87	+20 21 19.6	18.1	704	1998 XT ₉₁	1998 12 15.47941	06 29 24.60	+13 28 43.8	18.3	704
1998 XF ₉₁	1998 12 15.43084	06 14 58.96	+20 21 20.4	18.5	704	1998 XT ₉₁	1998 12 15.49416	06 29 23.89	+13 28 45.2	18.2	704
1998 XF ₉₁	1998 12 15.44577	06 14 58.26	+20 21 21.8	18.7	704	1998 XT ₉₁	1998 12 15.50895	06 29 23.10	+13 28 43.8	18.2	704
1998 XF ₉₁	1998 12 22.19833	06 08 35.45	+20 26 56.5	18.4	704	1998 XT ₉₁	1998 12 22.29746	06 23 47.15	+13 26 48.3	17.4	704
1998 XF ₉₁	1998 12 22.22111	06 08 34.14	+20 26 56.6	19.7	704	1998 XT ₉₁	1998 12 22.32017	06 23 45.84	+13 26 46.4	18.4	704
1998 XF ₉₁	1998 12 22.26661	06 08 31.45	+20 27 01.2	19.4	704	1998 XT ₉₁	1998 12 22.34312	06 23 44.71	+13 26 47.4	18.0	704
1998 XF ₉₁	1998 12 22.28935	06 08 29.99	+20 27 01.4	19.2	704	1998 XT ₉₁	1998 12 22.36592	06 23 43.51	+13 26 49.0	18.1	704
1998 XG ₉₁	* 1998 12 15.40154	06 22 00.01	+18 46 44.5	17.2	704	1998 XT ₉₁	1998 12 22.38871	06 23 42.28	+13 26 48.9	18.5	704
1998 XG ₉₁	1998 12 15.41638	06 21 59.25	+18 46 48.4		704	1998 XU ₉₁	* 1998 12 15.45019	06 33 12.45	+09 52 51.7	18.0	704
1998 XG ₉₁	1998 12 15.43123	06 21 58.49	+18 46 52.1	17.8	704	1998 XU ₉₁	1998 12 15.46492	06 33 11.70	+09 52 49.6		704
1998 XG ₉₁	1998 12 15.44617	06 21 57.80	+18 46 57.3	18.4	704	1998 XU ₉₁	1998 12 15.47970	06 33 10.86	+09 52 49.8		704
1998 XG ₉₁	1998 12 22.29326	06 15 41.21	+19 15 17.0	17.4	704	1998 XU ₉₁	1998 12 15.49445	06 33 10.17	+09 52 49.2	18.1	704
1998 XG ₉₁	1998 12 22.31594	06 15 39.88	+19 15 22.3	17.7	704	1998 XU ₉₁	1998 12 15.50924	06 33 09.41	+09 52 47.7	19.2	704
1998 XG ₉₁	1998 12 22.33890	06 15 38.46	+19 15 28.0	18.3	704	1998 XU ₉₁	1998 12 22.30017	06 26 52.34	+09 49 27.1	17.5	704
1998 XG ₉₁	1998 12 22.36171	06 15 37.19	+19 15 33.8	18.2	704	1998 XU ₉₁	1998 12 22.36864	06 26 48.20	+09 49 27.4		704
1998 XG ₉₁	1998 12 22.38441	06 15 35.88	+19 15 39.3		704	1998 XU ₉₁	1998 12 22.39147	06 26 46.76	+09 49 25.9	17.9	704
1998 XH ₉₁	* 1998 12 15.40174	06 25 12.26	+21 22 21.3	18.7	704	1998 XV ₉₁	* 1998 12 15.45067	06 25 45.21	+04 51 38.8	18.3	704
1998 XH ₉₁	1998 12 15.41657	06 25 11.36	+21 22 22.1	18.4	704	1998 XV ₉₁	1998 12 15.46541	06 25 44.34	+04 51 38.9	18.3	704
1998 XH ₉₁	1998 12 15.43143	06 25 10.42	+21 22 24.9	18.2	704	1998 XV ₉₁	1998 12 15.48019	06 25 43.43	+04 51 37.3	19.2	704
1998 XH ₉₁	1998 12 15.44636	06 25 09.61	+21 22 25.6	18.2	704	1998 XV ₉₁	1998 12 15.49494	06 25 42.60	+04 51 34.6	19.3	704
1998 XH ₉₁	1998 12 22.29356	06 18 03.12	+21 30 23.5	18.3	704	1998 XV ₉₁	1998 12 22.32370	06 19 12.13	+04 45 20.5	18.6	704
1998 XH ₉₁	1998 12 22.31625	06 18 01.65	+21 30 24.8	18.8	704	1998 XV ₉₁	1998 12 22.34651	06 19 10.82	+04 45 22.9	20.0	704
1998 XH ₉₁	1998 12 22.33921	06 18 00.21	+21 30 27.6	19.2	704	1998 XV ₉₁	1998 12 22.36931	06 19 09.46	+04 45 20.9	19.6	704
1998 XH ₉₁	1998 12 22.38472	06 17 57.02	+21 30 31.9	19.7	704	1998 XW ₉₁	* 1998 12 15.45117	06 35 13.27	+09 22 45.2	17.8	704
1998 XJ ₉₁	* 1998 12 15.40213	06 28 56.18	+19 45 50.9	16.6	704	1998 XW ₉₁	1998 12 15.46590	06 35 12.50	+09 22 48.1	18.1	704
1998 XJ ₉₁	1998 12 15.41697	06 28 55.41	+19 45 46.7		704	1998 XW ₉₁	1998 12 15.48069	06 35 11.70	+09 22 51.3	18.2	704
1998 XJ ₉₁	1998 12 15.43182	06 28 54.47	+19 45 44.9		704	1998 XW ₉₁	1998 12 15.49543	06 35 10.91	+09 22 54.4		704
1998 XJ ₉₁	1998 12 15.44676	06 28 53.55	+19 45 42.4		704	1998 XW ₉₁	1998 12 15.51022	06 35 10.25	+09 22 58.3		704
1998 XJ ₉₁	1998 12 22.29416	06 21 58.83	+19 30 42.3	17.3	704	1998 XW ₉₁	1998 12 22.30251	06 29 07.17	+09 53 46.5	18.0	704
1998 XJ ₉₁	1998 12 22.31686	06 21 57.42	+19 30 38.9		704	1998 XW ₉₁	1998 12 22.32536	06 29 05.87	+09 53 51.7		704
1998 XJ ₉₁	1998 12 22.36262	06 21 54.54	+19 30 34.1	18.8	704	1998 XW ₉₁	1998 12 22.34818	06 29 04.56	+09 54 00.5		704
1998 XJ ₉₁	1998 12 22.38532	06 21 52.93	+19 30 30.8	17.7	704	1998 XW ₉₁	1998 12 22.39379	06 29 01.82	+09 54 16.1	18.4	704
1998 XK ₉₁	* 1998 12 15.40252	06 20 07.01	+15 33 38.0	17.5	704	1998 XX<					

1998 XA ₉₂	1998 12 15.49613	06 43 02.15	+17 50 10.0	18.4	704	1998 XL ₉₂	1998 12 15.48188	06 42 26.55	+22 14 00.0	19.2	704
1998 XA ₉₂	1998 12 15.51091	06 43 01.37	+17 50 10.7	18.6	704	1998 XL ₉₂	1998 12 15.49663	06 42 25.67	+22 14 00.4	19.0	704
1998 XA ₉₂	1998 12 22.30343	06 36 27.37	+18 05 30.75	17.7	704	1998 XL ₉₂	1998 12 15.51141	06 42 24.67	+22 14 04.8	19.0	704
1998 XA ₉₂	1998 12 22.34909	06 36 24.47	+18 05 45.1	19.4	704	1998 XL ₉₂	1998 12 22.29868	06 35 32.78	+22 33 35.7	18.3	704
1998 XA ₉₂	1998 12 22.37189	06 36 23.09	+18 05 48.7	18.9	704	1998 XL ₉₂	1998 12 22.32139	06 35 31.22	+22 33 40.5	18.4	704
1998 XA ₉₂	1998 12 22.39493	06 36 21.64	+18 05 52.1	18.2	704	1998 XL ₉₂	1998 12 22.34435	06 35 29.73	+22 33 42.9	18.8	704
1998 XA ₉₂	1999 01 18.10408	06 10 25.87	+19 18 00.3	18.0	704	1998 XM ₉₂	* 1998 12 15.45265	06 55 16.17	+19 05 52.3	17.5	704
1998 XA ₉₂	1999 01 18.14814	06 10 23.70	+19 18 08.6	17.5	704	1998 XM ₉₂	1998 12 15.46739	06 55 15.42	+19 05 57.0	18.2	704
1998 XA ₉₂	1999 01 18.17035	06 10 22.75	+19 18 13.8	18.4	704	1998 XM ₉₂	1998 12 15.48217	06 55 14.58	+19 05 57.6	18.3	704
1998 XA ₉₂	1999 01 18.19230	06 10 21.50	+19 18 16.6	18.1	704	1998 XM ₉₂	1998 12 15.51170	06 55 12.99	+19 06 02.4	18.4	704
1998 XA ₉₂	1999 01 20.09214	06 08 51.00	+19 23 34.6	18.2	704	1998 XM ₉₂	1998 12 22.30464	06 48 58.06	+19 25 29.3	17.8	704
1998 XA ₉₂	1999 01 20.11403	06 08 50.20	+19 23 39.3	17.9	704	1998 XM ₉₂	1998 12 22.32748	06 48 56.71	+19 25 31.8	18.9	704
1998 XA ₉₂	1999 01 20.13584	06 08 49.10	+19 23 42.2	17.9	704	1998 XM ₉₂	1998 12 22.35029	06 48 55.33	+19 25 37.0	18.3	704
1998 XA ₉₂	1999 01 20.15822	06 08 48.03	+19 23 45.8	18.3	704	1998 XM ₉₂	1998 12 22.37310	06 48 53.99	+19 25 41.5	18.6	704
1998 XA ₉₂	1999 01 20.18012	06 08 46.96	+19 23 50.1	18.3	704	1998 XM ₉₂	1998 12 22.39613	06 48 52.58	+19 25 45.3	18.7	704
1998 XB ₉₂	* 1998 12 15.45196	06 47 01.48	+19 16 29.4	18.4	704	1998 XM ₉₂	1999 01 18.10437	06 22 01.42	+20 54 36.6	17.6	704
1998 XB ₉₂	1998 12 15.46670	06 47 00.79	+19 16 27.9	18.3	704	1998 XM ₉₂	1999 01 18.12634	06 22 00.32	+20 54 42.2	18.5	704
1998 XB ₉₂	1998 12 15.48148	06 47 00.20	+19 16 27.2	18.3	704	1998 XM ₉₂	1999 01 18.14843	06 21 59.16	+20 54 47.0	18.5	704
1998 XB ₉₂	1998 12 15.49623	06 46 59.46	+19 16 27.3	18.8	704	1998 XM ₉₂	1999 01 18.17064	06 21 57.93	+20 54 48.3	18.3	704
1998 XB ₉₂	1998 12 15.51101	06 46 58.72	+19 16 27.4	18.8	704	1998 XM ₉₂	1999 01 18.19259	06 21 56.65	+20 54 53.6	17.8	704
1998 XB ₉₂	1998 12 22.30358	06 41 15.62	+19 13 02.2	17.8	704	1998 XM ₉₂	1999 01 20.09621	06 20 20.61	+21 01 09.5	18.0	704
1998 XB ₉₂	1998 12 22.32642	06 41 14.34	+19 13 02.6	19.4	704	1998 XM ₉₂	1999 01 20.11809	06 20 19.57	+21 01 16.1	18.4	704
1998 XB ₉₂	1998 12 22.34924	06 41 13.14	+19 12 59.8	19.0	704	1998 XM ₉₂	1999 01 20.13991	06 20 18.39	+21 01 19.4	18.4	704
1998 XB ₉₂	1998 12 22.37204	06 41 11.79	+19 12 58.7	19.5	704	1998 XN ₉₂	* 1998 12 15.45275	06 54 05.83	+17 38 50.5	18.2	704
1998 XB ₉₂	1998 12 22.39508	06 41 10.47	+19 12 59.0	19.3	704	1998 XN ₉₂	1998 12 15.46750	06 54 05.08	+17 38 55.2	18.2	704
1998 XC ₉₂	* 1998 12 15.45196	06 48 22.46	+18 29 55.6	18.0	704	1998 XN ₉₂	1998 12 15.48227	06 54 04.37	+17 38 59.8	18.2	704
1998 XC ₉₂	1998 12 15.46670	06 48 21.71	+18 29 53.8	18.0	704	1998 XN ₉₂	1998 12 15.49702	06 54 03.75	+17 39 04.5	18.6	704
1998 XC ₉₂	1998 12 15.48148	06 48 20.89	+18 29 51.9	18.2	704	1998 XN ₉₂	1998 12 15.51180	06 54 03.12	+17 39 09.1	18.8	704
1998 XC ₉₂	1998 12 15.49623	06 48 20.20	+18 29 49.5	18.2	704	1998 XN ₉₂	1998 12 22.30464	06 48 34.79	+18 20 16.8	18.6	704
1998 XC ₉₂	1998 12 15.51101	06 48 19.46	+18 29 47.3	19.0	704	1998 XN ₉₂	1998 12 22.32748	06 48 33.51	+18 20 25.4	18.8	704
1998 XC ₉₂	1998 12 22.30479	06 42 27.89	+18 14 07.1	17.8	704	1998 XN ₉₂	1998 12 22.35029	06 48 32.36	+18 20 33.6	18.8	704
1998 XC ₉₂	1998 12 22.35045	06 42 25.24	+18 14 02.8	19.7	704	1998 XN ₉₂	1998 12 22.37310	06 48 31.20	+18 20 41.8	19.5	704
1998 XC ₉₂	1998 12 22.39628	06 42 22.98	+18 13 55.6	19.5	704	1998 XO ₉₂	* 1998 12 15.45305	06 41 02.20	+14 02 42.0	19.5	704
1998 XC ₉₂	1999 01 18.10393	06 19 05.18	+17 26 01.6	18.7	704	1998 XO ₉₂	1998 12 15.46779	06 41 01.33	+14 02 38.1	18.9	704
1998 XC ₉₂	1999 01 18.12590	06 19 04.03	+17 26 00.1	18.5	704	1998 XO ₉₂	1998 12 15.48256	06 41 00.42	+14 02 37.5	18.9	704
1998 XC ₉₂	1999 01 18.14799	06 19 02.97	+17 25 55.8	18.4	704	1998 XO ₉₂	1998 12 15.49731	06 40 59.74	+14 02 37.6	18.9	704
1998 XC ₉₂	1999 01 18.17020	06 19 02.02	+17 25 56.0	18.4	704	1998 XO ₉₂	1998 12 22.30296	06 34 13.97	+13 53 50.4	18.7	704
1998 XC ₉₂	1999 01 20.09707	06 17 39.34	+17 23 27.5	17.0	704	1998 XO ₉₂	1998 12 22.32581	06 34 12.59	+13 53 49.6	19.5	704
1998 XC ₉₂	1999 01 20.11897	06 17 38.37	+17 23 26.4	17.0	704	1998 XO ₉₂	1998 12 22.34863	06 34 11.14	+13 53 47.1	19.8	704
1998 XC ₉₂	1999 01 20.14078	06 17 37.49	+17 23 25.0	17.5	704	1998 XO ₉₂	1998 12 22.37143	06 34 09.64	+13 53 47.8	19.9	704
1998 XC ₉₂	1999 01 20.16314	06 17 36.47	+17 23 23.5	17.5	704	1998 XP ₉₂	* 1998 12 15.45305	06 42 25.00	+14 31 02.3	17.7	704
1998 XC ₉₂	1999 01 20.18505	06 17 35.53	+17 23 21.9	18.1	704	1998 XP ₉₂	1998 12 15.46779	06 42 24.30	+14 31 00.1	18.1	704
1998 XD ₉₂	* 1998 12 15.45206	06 40 36.82	+20 04 38.4	18.8	704	1998 XP ₉₂	1998 12 15.48256	06 42 23.46	+14 30 57.8	18.4	704
1998 XD ₉₂	1998 12 15.46680	06 40 35.88	+20 04 43.0	18.8	704	1998 XP ₉₂	1998 12 15.49731	06 42 22.83	+14 30 55.3	18.4	704
1998 XD ₉₂	1998 12 15.48158	06 40 35.15	+20 04 47.5	19.0	704	1998 XP ₉₂	1998 12 15.51209	06 42 22.01	+14 30 53.4	18.4	704
1998 XD ₉₂	1998 12 15.49633	06 40 34.30	+20 04 52.2	18.8	704	1998 XP ₉₂	1998 12 22.30296	06 36 28.60	+14 15 01.0	17.7	704
1998 XD ₉₂	1998 12 15.51111	06 40 33.66	+20 04 56.7	18.8	704	1998 XP ₉₂	1998 12 22.32581	06 36 27.30	+14 14 59.0	18.4	704
1998 XD ₉₂	1998 12 22.29898	06 34 29.30	+20 36 44.9	17.7	704	1998 XP ₉₂	1998 12 22.34863	06 36 26.11	+14 14 56.0	18.4	704
1998 XD ₉₂	1998 12 22.32169	06 34 27.92	+20 36 51.4	18.9	704	1998 XP ₉₂	1998 12 22.37143	06 36 24.85	+14 14 53.3	18.4	704
1998 XD ₉₂	1998 12 22.34465	06 34 26.66	+20 36 58.8	18.8	704	1998 XP ₉₂	1998 12 22.39447	06 36 23.67	+14 14 48.5	18.6	704
1998 XD ₉₂	1998 12 22.36744	06 34 25.46	+20 37 06.2	19.2	704	1998 XP ₉₂	1999 01 18.10087	06 13 45.98	+13 44 53.9	17.3	704
1998 XD ₉₂	1998 12 22.39023	06 34 24.10	+20 37 11.9	19.4	704	1998 XP ₉₂	1999 01 18.12285	06 13 45.13	+13 44 56.0	18.3	704
1998 XE ₉₂	* 1998 12 15.45206	06 41 56.76	+20 30 40.3	17.9	704	1998 XP ₉₂	1999 01 18.14483	06 13 44.21	+13 44 55.2	18.5	704
1998 XE ₉₂	1998 12 15.46680	06 41 55.83	+20 30 43.5	18.4	704	1998 XP ₉₂	1999 01 18.18911	06 13 42.24	+13 44 52.5	17.8	704
1998 XE ₉₂	1998 12 15.48158	06 41 55.11	+20 30 49.0	18.6	704	1998 XP ₉₂	1999 01 20.09287	06 12 25.92	+13 44 42.4	17.9	704
1998 XE ₉₂	1998 12 15.49633	06 41 54.07	+20 30 52.6	18.3	704	1998 XP ₉₂	1999 01 20.11475	06 12 25.03	+13 44 43.2	17.9	704
1998 XE ₉₂	1998 12 15.51111	06 41 53.25	+20 30 57.7	18.3	704	1998 XP ₉₂	1999 01 20.13657	06 12 24.22	+13 44 41.7	17.9	704
1998 XE ₉₂	1998 12 22.29838	06 34 52.46	+21 05 45.0	17.9	704	1998 XP ₉₂	1999 01 20.15894	06 12 23.31	+13 44 41.2	17.9	704
1998 XE ₉₂	1998 12 22.32109	06 34 50.92	+21 05 51.1	18.8	704	1998 XP ₉₂	1999 01 20.18085	06 12 22.44	+13 44 40.6	18.1	704
1998 XE ₉₂	1998 12 22.34405	06 34 49.32	+21 05 59.0	18.8	704	1998 XQ ₉₂	* 1998 12 15.45314	06 45 43.21	+12 38 26.9	18.1	704
1998 XE ₉₂	1998 12 22.36684	06 34 47.87	+21 06 05.5	19.4	704	1998 XQ ₉₂	1998 12 15.46789	06 45 42.52	+12 38 29.5	18.1	704
1998 XF ₉₂	* 1998 12 15.45206	06 42 03.05	+20 15 42.1	18.2	704	1998 XQ ₉₂	1998 12 15.48266	06 45 41.90	+12 38 33.3	18.7	704
1998 XF ₉₂	1998 12 15.46680	06 42 02.09	+20 15 43.4	18.3	704	1998 XQ ₉₂	1998 12 15.49741	06 45 41.18	+12 38 35.8	18.8	704
1998 XF ₉₂	1998 12 15.48158	06 42 01.45	+20 15 46.8	18.3	704	1998 XQ ₉₂	1998 12 15.51219	06 45 40.54	+12 38 38.1	18.9	704
1998 XF ₉₂	1998 12 15.49633	06 42 00.49	+20 15 46.9	18.8	704	1998 XQ ₉₂	1998 12 22.30539	06 40 21.87	+13 00 40.1	17.4	704
1998 XF ₉₂	1998 12 15.51111	06 41 59.85	+20 15 51.5	18.8	704	1998 XQ ₉₂	1998 12 22.32824	06 40 20.66	+13 00 46.1	17.8	704
1998 XF ₉₂	1998 12 22.29898	06 35 50.36	+20 31 21.7	18.8	704	1998 XQ ₉₂	1998 12 22.35105	06 40 19.57	+13 00 50.6	18.4	704
1998 XF ₉₂	1998 12 22.32169	06 35 49.17	+20 31 25.2	19.2	704	1998 XQ ₉₂	1998 12 22.37385	06 40 18.38	+13 00 55.2	18.2	704
1998 XF ₉₂	1998 12 22.34465	06 35 47.74	+20 31 29.7	19.4	704	1998 XQ ₉₂	1998 12 22.39688	06 40 17.22	+13 01 01.5	18.2	704
1998 XF ₉											

1998 XT ₉₂	1998 12 22.32854	06 39 45.80	+10 44 07.3	18.6	704	1998 XF ₉₃	* 1998 12 15.45540	06 48 44.78	+22 54 19.8	17.6	704
1998 XT ₉₂	1998 12 22.35135	06 39 44.70	+10 44 12.2	18.7	704	1998 XF ₉₃	1998 12 15.47014	06 48 43.99	+22 54 19.5		704
1998 XT ₉₂	1998 12 22.37415	06 39 43.62	+10 44 17.8	18.8	704	1998 XF ₉₃	1998 12 15.48493	06 48 43.27	+22 54 17.5		704
1998 XU ₉₂	* 1998 12 15.45334	06 45 26.23	+09 52 35.0	17.9	704	1998 XF ₉₃	1998 12 15.49967	06 48 42.43	+22 54 16.2	18.0	704
1998 XU ₉₂	1998 12 15.46809	06 45 25.47	+09 52 31.8		704	1998 XF ₉₃	1998 12 15.51445	06 48 41.74	+22 54 15.7	18.4	704
1998 XU ₉₂	1998 12 15.48286	06 45 24.69	+09 52 31.1		704	1998 XF ₉₃	1998 12 22.30404	06 42 37.16	+22 44 45.4	17.5	704
1998 XU ₉₂	1998 12 15.49760	06 45 24.07	+09 52 28.5	18.0	704	1998 XF ₉₃	1998 12 22.32688	06 42 35.84	+22 44 43.3		704
1998 XU ₉₂	1998 12 15.51239	06 45 23.47	+09 52 27.6	18.9	704	1998 XF ₉₃	1998 12 22.34969	06 42 34.53	+22 44 41.6	18.0	704
1998 XU ₉₂	1998 12 22.30583	06 39 39.57	+09 40 17.2	17.9	704	1998 XF ₉₃	1998 12 22.37249	06 42 33.28	+22 44 40.3	18.8	704
1998 XU ₉₂	1998 12 22.32869	06 39 38.36	+09 40 15.1	18.1	704	1998 XF ₉₃	1998 12 22.39553	06 42 31.92	+22 44 39.1	18.9	704
1998 XU ₉₂	1998 12 22.35150	06 39 37.09	+09 40 12.9	18.4	704	1998 XF ₉₃	1999 01 18.10452	06 18 42.59	+22 01 58.3	17.9	704
1998 XU ₉₂	1998 12 22.37430	06 39 35.85	+09 40 11.4	18.6	704	1998 XF ₉₃	1999 01 18.12649	06 18 41.62	+22 01 58.4	18.0	704
1998 XU ₉₂	1998 12 22.39733	06 39 34.66	+09 40 09.3	19.1	704	1998 XF ₉₃	1999 01 18.14857	06 18 40.65	+22 01 54.1	18.0	704
1998 XV ₉₂	* 1998 12 15.45343	06 45 22.63	+08 47 41.8	19.3	704	1998 XF ₉₃	1999 01 18.17079	06 18 39.68	+22 01 52.0	18.9	704
1998 XV ₉₂	1998 12 15.46819	06 45 21.98	+08 47 41.9	19.3	704	1998 XF ₉₃	1999 01 20.09635	06 17 15.90	+21 58 39.6	17.9	704
1998 XV ₉₂	1998 12 15.48295	06 45 21.37	+08 47 41.8	19.3	704	1998 XF ₉₃	1999 01 20.14006	06 17 13.98	+21 58 33.9	17.7	704
1998 XV ₉₂	1998 12 15.49770	06 45 20.77	+08 47 39.8	19.9	704	1998 XF ₉₃	1999 01 20.16242	06 17 13.04	+21 58 31.8	17.7	704
1998 XV ₉₂	1998 12 22.30583	06 39 57.20	+08 48 07.9	18.1	704	1998 XF ₉₃	1999 01 20.18433	06 17 12.12	+21 58 29.5	18.1	704
1998 XV ₉₂	1998 12 22.32869	06 39 56.08	+08 48 08.2	18.7	704	1998 XG ₉₃	* 1998 12 15.45540	06 53 38.57	+22 19 57.4	18.4	704
1998 XV ₉₂	1998 12 22.35150	06 39 54.83	+08 48 08.5	19.1	704	1998 XG ₉₃	1998 12 15.48493	06 53 36.84	+22 19 53.0	18.7	704
1998 XV ₉₂	1998 12 22.37430	06 39 53.70	+08 48 10.7	19.3	704	1998 XG ₉₃	1998 12 15.49967	06 53 35.87	+22 19 48.7	18.7	704
1998 XV ₉₂	1998 12 22.39733	06 39 52.57	+08 48 11.5	19.5	704	1998 XG ₉₃	1998 12 15.51445	06 53 34.81	+22 19 45.3	19.2	704
1998 XW ₉₂	* 1998 12 15.45353	06 39 32.19	+08 27 17.3	18.9	704	1998 XG ₉₃	1998 12 22.30404	06 46 16.37	+21 59 00.6	17.9	704
1998 XW ₉₂	1998 12 15.46828	06 39 31.76	+08 27 17.1	18.9	704	1998 XG ₉₃	1998 12 22.32688	06 46 14.82	+21 58 57.1	18.1	704
1998 XW ₉₂	1998 12 15.48305	06 39 31.16	+08 27 17.1	19.3	704	1998 XG ₉₃	1998 12 22.34969	06 46 13.21	+21 58 52.2	18.1	704
1998 XW ₉₂	1998 12 15.49780	06 39 30.81	+08 27 17.1	19.3	704	1998 XG ₉₃	1998 12 22.37249	06 46 11.61	+21 58 48.6	19.6	704
1998 XW ₉₂	1998 12 15.51258	06 39 30.20	+08 27 17.2	19.8	704	1998 XG ₉₃	1998 12 22.39553	06 46 10.07	+21 58 42.2	19.2	704
1998 XW ₉₂	1998 12 22.30583	06 35 53.28	+08 31 24.9	18.8	704	1998 XH ₉₃	* 1998 12 15.45569	07 06 48.52	+19 18 10.3	18.0	704
1998 XW ₉₂	1998 12 22.32869	06 35 52.42	+08 31 28.9	19.1	704	1998 XH ₉₃	1998 12 15.47044	07 06 47.56	+19 18 08.3	18.3	704
1998 XW ₉₂	1998 12 22.35150	06 35 51.80	+08 31 29.3	19.1	704	1998 XH ₉₃	1998 12 15.48523	07 06 46.62	+19 18 05.0	18.1	704
1998 XW ₉₂	1998 12 22.37430	06 35 50.93	+08 31 30.2	19.8	704	1998 XH ₉₃	1998 12 15.49997	07 06 45.66	+19 18 00.1	18.1	704
1998 XX ₉₂	* 1998 12 15.45391	06 46 01.13	+04 47 10.2	18.5	704	1998 XH ₉₃	1998 12 15.51475	07 06 44.75	+19 17 56.3	18.5	704
1998 XX ₉₂	1998 12 15.46867	06 46 00.49	+04 47 05.8	19.1	704	1998 XH ₉₃	1998 12 22.30961	06 59 31.69	+18 50 05.6	18.1	704
1998 XX ₉₂	1998 12 15.48343	06 45 59.66	+04 47 06.0	19.1	704	1998 XH ₉₃	1998 12 22.33247	06 59 30.01	+18 50 00.9	18.9	704
1998 XX ₉₂	1998 12 15.49819	06 45 59.01	+04 47 02.6	19.6	704	1998 XH ₉₃	1998 12 22.35530	06 59 28.59	+18 49 54.8	18.0	704
1998 XX ₉₂	1998 12 22.30658	06 40 42.00	+04 35 45.5	18.4	704	1998 XH ₉₃	1998 12 22.37808	06 59 26.95	+18 49 50.0	18.8	704
1998 XX ₉₂	1998 12 22.37504	06 40 38.70	+04 35 41.8	19.6	704	1998 XH ₉₃	1998 12 22.40111	06 59 25.50	+18 49 43.3	19.0	704
1998 XX ₉₂	1998 12 22.39807	06 40 37.42	+04 35 38.0	19.9	704	1998 XH ₉₃	1999 01 18.19561	06 30 27.39	+17 16 53.5	17.9	704
1998 XY ₉₂	* 1998 12 15.45401	06 45 33.84	+05 32 17.9	18.1	704	1998 XH ₉₃	1999 01 18.23987	06 30 24.85	+17 16 45.2	18.5	704
1998 XY ₉₂	1998 12 15.46876	06 45 33.19	+05 32 15.0	20.0	704	1998 XH ₉₃	1999 01 18.26247	06 30 23.60	+17 16 40.8	17.8	704
1998 XY ₉₂	1998 12 15.51306	06 45 30.75	+05 32 07.9	18.7	704	1998 XH ₉₃	1999 01 18.28454	06 30 22.18	+17 16 38.8	18.7	704
1998 XY ₉₂	1998 12 22.30643	06 39 24.27	+05 14 37.6	18.2	704	1998 XH ₉₃	1999 01 20.18958	06 28 42.75	+17 11 25.0	18.1	704
1998 XY ₉₂	1998 12 22.32929	06 39 22.92	+05 14 34.9	19.3	704	1998 XH ₉₃	1999 01 20.21136	06 28 41.73	+17 11 20.8	18.6	704
1998 XY ₉₂	1998 12 22.35210	06 39 21.74	+05 14 29.2	19.2	704	1998 XH ₉₃	1999 01 20.23334	06 28 40.37	+17 11 18.2	18.2	704
1998 XY ₉₂	1998 12 22.37490	06 39 20.31	+05 14 27.8	19.0	704	1998 XH ₉₃	1999 01 20.25518	06 28 39.30	+17 11 15.8	18.0	704
1998 XY ₉₂	1998 12 22.39793	06 39 19.08	+05 14 26.0	19.0	704	1998 XH ₉₃	1999 01 20.27774	06 28 37.99	+17 11 12.6	17.5	704
1998 XY ₉₂	1999 01 18.19719	06 16 03.56	+05 12 56.7	18.1	704	1998 XJ ₉₃	* 1998 12 15.45569	07 07 53.94	+18 52 36.8	19.2	704
1998 XY ₉₂	1999 01 18.21931	06 16 02.67	+05 12 59.8	18.8	704	1998 XJ ₉₃	1998 12 15.47044	07 07 53.30	+18 52 37.4	19.2	704
1998 XY ₉₂	1999 01 18.24146	06 16 01.54	+05 13 01.7	18.0	704	1998 XJ ₉₃	1998 12 15.48523	07 07 52.35	+18 52 42.1	19.2	704
1998 XY ₉₂	1999 01 18.26405	06 16 00.64	+05 13 04.6	18.0	704	1998 XJ ₉₃	1998 12 15.51475	07 07 50.75	+18 52 46.9	19.0	704
1998 XY ₉₂	1999 01 20.12040	06 14 43.56	+05 16 32.1	18.1	704	1998 XJ ₉₃	1998 12 22.30961	07 01 23.21	+19 20 59.8	18.8	704
1998 XY ₉₂	1999 01 20.14222	06 14 42.74	+05 16 35.7	18.1	704	1998 XJ ₉₃	1998 12 22.33247	07 01 21.68	+19 21 06.9	19.5	704
1998 XY ₉₂	1999 01 20.16461	06 14 41.70	+05 16 37.0	18.3	704	1998 XJ ₉₃	1998 12 22.35530	07 01 20.25	+19 21 12.7	19.0	704
1998 XY ₉₂	1999 01 20.18649	06 14 40.95	+05 16 39.6	18.5	704	1998 XJ ₉₃	1998 12 22.37808	07 01 18.98	+19 21 18.6	19.3	704
1998 XZ ₉₂	* 1998 12 15.45401	06 48 21.10	+05 08 16.1	19.5	704	1998 XK ₉₃	* 1998 12 15.45579	07 03 47.62	+17 02 14.2	17.9	704
1998 XZ ₉₂	1998 12 15.46876	06 48 20.24	+05 08 11.3	20.0	704	1998 XK ₉₃	1998 12 15.47054	07 03 46.90	+17 02 15.1	18.0	704
1998 XZ ₉₂	1998 12 15.48354	06 48 19.44	+05 08 07.2	19.8	704	1998 XK ₉₃	1998 12 15.48533	07 03 46.21	+17 02 16.1	18.0	704
1998 XZ ₉₂	1998 12 15.49829	06 48 18.68	+05 08 02.8	19.8	704	1998 XK ₉₃	1998 12 15.50007	07 03 45.45	+17 02 17.9	18.2	704
1998 XZ ₉₂	1998 12 22.30658	06 41 51.92	+04 35 18.4	18.6	704	1998 XK ₉₃	1998 12 15.51485	07 03 44.70	+17 02 18.0	18.6	704
1998 XZ ₉₂	1998 12 22.32944	06 41 50.47	+04 35 10.6	19.8	704	1998 XK ₉₃	1998 12 22.30976	06 57 43.48	+17 11 45.5	17.6	704
1998 XZ ₉₂	1998 12 22.35224	06 41 49.17	+04 35 06.3	19.3	704	1998 XK ₉₃	1998 12 22.33263	06 57 42.07	+17 11 48.2	18.4	704
1998 XZ ₉₂	1998 12 22.37504	06 41 47.78	+04 35 02.2	19.3	704	1998 XK ₉₃	1998 12 22.35545	06 57 40.72	+17 11 50.6	18.1	704
1998 XA ₉₃	* 1998 12 15.45431	06 46 39.46	+09 17 30.0	18.0	704	1998 XK ₉₃	1998 12 22.37823	06 57 39.31	+17 11 53.3	18.3	704
1998 XA ₉₃	1998 12 15.46905	06 46 38.67	+09 17 29.0	18.7	704	1998 XL ₉₃	* 1998 12 15.45579	07 04 36.17	+17 44 36.8	17.9	704
1998 XA ₉₃	1998 12 15.48384	06 46 37.86	+09 17 29.7	18.7	704	1998 XL ₉₃	1998 12 15.48533	07 04 34.66	+17 44 46.1	17.8	704
1998 XA ₉₃	1998 12 15.49858	06 46 37.07	+09 17 25.6	18.7	704	1998 XL ₉₃	1998 12 15.50007	07 04 33.99	+17 44 50.7	18.1	704
1998 XA ₉₃	1998 12 22.30779	06 40 22.12	+09 07 32.6	17.8	704	1998 XL ₉₃	1998 12 15.51485	07 04 33.06	+17 44 55.4	18.4	704
1998 XA ₉₃	1998 12 22.33065	06 40 20.73	+09 07 31.5	18.3	704	1998 XL ₉₃	1998 12 22.30961	06 58 31.97	+18 18 21.1	17.4	704
1998 XA ₉₃	1998 12 22.35346	06 40 19.37	+09 07 29.8	18.4	704	1998 XL ₉₃	1998 12 22.35530	06 58 29.42	+18 18 36.0	18.6	704
1998 XA ₉₃											

1998 XP ₉₃	1998 12 15.48581	06 58 55.59	+11 33 23.2	18.1	704	1998 XX ₉₃	1998 12 15.47279	07 02 56.76	+13 25 38.8	17.9	704
1998 XP ₉₃	1998 12 15.50055	06 58 54.97	+11 33 27.9	18.2	704	1998 XX ₉₃	1998 12 15.48758	07 02 56.19	+13 25 36.9	18.0	704
1998 XP ₉₃	1998 12 22.31036	06 53 13.06	+12 16 29.8	18.7	704	1998 XX ₉₃	1998 12 15.50234	07 02 55.71	+13 25 35.5	18.0	704
1998 XP ₉₃	1998 12 22.33332	06 53 11.79	+12 16 39.5	18.9	704	1998 XX ₉₃	1998 12 15.51713	07 02 55.18	+13 25 32.9	18.0	704
1998 XP ₉₃	1998 12 22.35612	06 53 10.49	+12 16 48.0	18.9	704	1998 XX ₉₃	1998 12 22.40701	06 59 04.79	+13 11 11.8	17.2	704
1998 XP ₉₃	1998 12 22.37883	06 53 09.08	+12 16 58.8	19.7	704	1998 XX ₉₃	1998 12 22.42982	06 59 03.96	+13 11 08.5	17.2	704
1998 XQ ₉₃	* 1998 12 15.45628	07 02 07.14	+11 48 37.6	17.8	704	1998 XX ₉₃	1998 12 22.45259	06 59 03.20	+13 11 06.3	17.3	704
1998 XQ ₉₃	1998 12 15.47103	07 02 06.40	+11 48 38.1	17.8	704	1998 XX ₉₃	1998 12 22.47538	06 59 02.49	+13 11 04.0	17.7	704
1998 XQ ₉₃	1998 12 15.48581	07 02 05.66	+11 48 38.3	18.1	704	1998 XX ₉₃	1999 01 18.20320	06 43 16.49	+12 33 23.6	16.6	704
1998 XQ ₉₃	1998 12 15.50055	07 02 04.87	+11 48 38.7	18.1	704	1998 XX ₉₃	1999 01 18.22530	06 43 15.72	+12 33 23.7		704
1998 XQ ₉₃	1998 12 15.51536	07 02 03.96	+11 48 40.6	18.6	704	1998 XX ₉₃	1999 01 18.24806	06 43 14.94	+12 33 23.8	17.8	704
1998 XQ ₉₃	1998 12 22.31051	06 55 51.44	+12 02 44.5	18.2	704	1998 XX ₉₃	1999 01 18.26999	06 43 14.15	+12 33 21.5	17.8	704
1998 XQ ₉₃	1998 12 22.33347	06 55 50.03	+12 02 47.0	18.4	704	1998 XX ₉₃	1999 01 20.19232	06 42 11.62	+12 31 44.0		704
1998 XQ ₉₃	1998 12 22.35627	06 55 48.56	+12 02 50.7	18.5	704	1998 XX ₉₃	1999 01 20.21410	06 42 10.85	+12 31 44.1	17.9	704
1998 XQ ₉₃	1998 12 22.37898	06 55 47.16	+12 02 54.5	18.9	704	1998 XX ₉₃	1999 01 20.23606	06 42 10.24	+12 31 41.6		704
1998 XQ ₉₃	1998 12 22.40201	06 55 45.73	+12 02 57.4	18.8	704	1998 XX ₉₃	1999 01 20.25793	06 42 09.47	+12 31 40.6		704
1998 XR ₉₃	* 1998 12 15.45667	06 54 18.53	+06 24 20.0	18.1	704	1998 XX ₉₃	1999 01 20.28049	06 42 08.68	+12 31 40.0	18.6	704
1998 XR ₉₃	1998 12 15.47141	06 54 17.72	+06 24 20.7	18.5	704	1998 XY ₉₃	* 1998 12 15.45815	07 03 37.42	+14 42 40.1	18.9	704
1998 XR ₉₃	1998 12 15.48620	06 54 17.02	+06 24 25.3	18.5	704	1998 XY ₉₃	1998 12 15.47289	07 03 36.56	+14 42 38.2	18.5	704
1998 XR ₉₃	1998 12 15.50094	06 54 16.40	+06 24 25.5	19.0	704	1998 XY ₉₃	1998 12 15.48768	07 03 35.77	+14 42 36.6	18.5	704
1998 XR ₉₃	1998 12 15.51574	06 54 15.50	+06 24 27.8	19.0	704	1998 XY ₉₃	1998 12 15.50244	07 03 35.04	+14 42 32.4	18.7	704
1998 XR ₉₃	1998 12 22.30748	06 48 22.38	+06 44 46.5	19.2	704	1998 XY ₉₃	1998 12 15.51723	07 03 34.24	+14 42 30.9	18.7	704
1998 XR ₉₃	1998 12 22.33035	06 48 21.28	+06 44 51.2	19.9	704	1998 XY ₉₃	1998 12 22.31021	06 57 15.60	+14 24 39.2	18.1	704
1998 XR ₉₃	1998 12 22.35315	06 48 19.66	+06 44 56.1	19.3	704	1998 XY ₉₃	1998 12 22.35590	06 57 12.85	+14 24 32.9	18.1	704
1998 XR ₉₃	1998 12 22.39898	06 48 17.19	+06 45 06.2	19.4	704	1998 XY ₉₃	1998 12 22.37868	06 57 11.36	+14 24 29.0	20.2	704
1998 XS ₉₃	* 1998 12 15.45667	06 55 47.25	+06 37 51.1	18.4	704	1998 XY ₉₃	1998 12 22.40171	06 57 09.73	+14 24 23.8	19.6	704
1998 XS ₉₃	1998 12 15.47141	06 55 46.37	+06 37 46.5		704	1998 XY ₉₃	1999 01 18.21817	06 29 40.83	+13 57 20.7	18.3	704
1998 XS ₉₃	1998 12 15.48620	06 55 45.51	+06 37 42.5		704	1998 XY ₉₃	1999 01 18.24030	06 29 39.58	+13 57 20.9	18.1	704
1998 XS ₉₃	1998 12 15.50094	06 55 44.74	+06 37 38.5	18.1	704	1998 XY ₉₃	1999 01 18.26290	06 29 38.38	+13 57 21.1	18.0	704
1998 XS ₉₃	1998 12 15.51574	06 55 43.90	+06 37 34.2	18.3	704	1998 XY ₉₃	1999 01 18.28499	06 29 37.10	+13 57 21.3	18.3	704
1998 XS ₉₃	1998 12 22.33035	06 49 17.90	+06 08 36.0	18.7	704	1998 XY ₉₃	1999 01 20.09997	06 28 04.51	+13 57 55.6	18.0	704
1998 XS ₉₃	1998 12 22.35315	06 49 16.55	+06 08 29.7		704	1998 XY ₉₃	1999 01 20.12186	06 28 03.28	+13 57 55.8	18.2	704
1998 XS ₉₃	1998 12 22.37596	06 49 15.00	+06 08 24.6	19.5	704	1998 XY ₉₃	1999 01 20.14367	06 28 02.36	+13 57 55.9	18.5	704
1998 XS ₉₃	1998 12 22.39898	06 49 13.71	+06 08 20.0	18.6	704	1998 XY ₉₃	1999 01 20.16606	06 28 01.13	+13 57 58.0	17.7	704
1998 XS ₉₃	1999 01 18.19762	06 23 30.63	+05 32 05.0	18.1	704	1998 XY ₉₃	1999 01 20.18792	06 27 59.89	+13 57 58.3	17.5	704
1998 XS ₉₃	1999 01 18.24188	06 23 28.48	+05 32 07.8	18.6	704	1998 XZ ₉₃	* 1998 12 15.45825	07 08 44.43	+16 34 13.9	17.8	704
1998 XS ₉₃	1999 01 18.26447	06 23 27.30	+05 32 08.0	17.8	704	1998 XZ ₉₃	1998 12 15.47299	07 08 43.74	+16 34 09.5		704
1998 XS ₉₃	1999 01 18.28657	06 23 26.08	+05 32 09.9	18.7	704	1998 XZ ₉₃	1998 12 15.48778	07 08 43.03	+16 34 05.0		704
1998 XS ₉₃	1999 01 20.09894	06 22 01.49	+05 33 59.9	17.4	704	1998 XZ ₉₃	1998 12 15.50254	07 08 42.29	+16 34 00.6	18.1	704
1998 XS ₉₃	1999 01 20.12084	06 22 00.49	+05 34 00.1	17.4	704	1998 XZ ₉₃	1998 12 15.51733	07 08 41.60	+16 33 56.2	18.3	704
1998 XS ₉₃	1999 01 20.14265	06 21 59.48	+05 34 03.2	17.5	704	1998 XZ ₉₃	1998 12 22.40656	07 02 53.04	+16 02 13.3	16.6	704
1998 XS ₉₃	1999 01 20.16504	06 21 58.54	+05 34 04.9	17.9	704	1998 XZ ₉₃	1998 12 22.42938	07 02 51.63	+16 02 07.3		704
1998 XT ₉₃	* 1998 12 15.45676	06 54 48.17	+05 53 30.4	17.9	704	1998 XZ ₉₃	1998 12 22.45214	07 02 50.46	+16 02 01.2		704
1998 XT ₉₃	1998 12 15.47151	06 54 47.52	+05 53 35.1	18.8	704	1998 XZ ₉₃	1998 12 22.47493	07 02 49.17	+16 01 55.9	17.2	704
1998 XT ₉₃	1998 12 15.50104	06 54 46.02	+05 53 40.6		704	1998 XZ ₉₃	1999 01 18.20101	06 38 04.42	+14 40 33.0	17.2	704
1998 XT ₉₃	1998 12 15.51584	06 54 45.21	+05 53 44.6	18.6	704	1998 XZ ₉₃	1999 01 18.22307	06 38 03.25	+14 40 30.0		704
1998 XT ₉₃	1998 12 22.30748	06 49 05.31	+06 25 45.3	19.2	704	1998 XZ ₉₃	1999 01 18.24588	06 38 02.37	+14 40 26.6	18.1	704
1998 XT ₉₃	1998 12 22.35315	06 49 02.75	+06 26 00.9	19.4	704	1998 XZ ₉₃	1999 01 18.28990	06 38 00.07	+14 40 24.3	18.0	704
1998 XT ₉₃	1998 12 22.37596	06 49 01.43	+06 26 07.7	19.4	704	1998 XZ ₉₃	1999 01 20.21439	06 36 35.00	+14 37 16.9		704
1998 XT ₉₃	1998 12 22.39898	06 49 00.11	+06 26 16.6	19.3	704	1998 XZ ₉₃	1999 01 20.23635	06 36 34.08	+14 37 14.8		704
1998 XU ₉₃	* 1998 12 15.45695	06 53 00.15	+03 30 19.0	18.0	704	1998 XZ ₉₃	1999 01 20.25822	06 36 33.08	+14 37 13.5	16.5	704
1998 XU ₉₃	1998 12 15.47170	06 52 59.38	+03 30 16.3	18.4	704	1998 XZ ₉₃	1999 01 20.28077	06 36 32.19	+14 37 10.3	17.2	704
1998 XU ₉₃	1998 12 15.48649	06 52 58.51	+03 30 14.2	18.3	704	1998 XA ₉₄	* 1998 12 15.45835	07 10 44.43	+17 06 35.8	18.8	704
1998 XU ₉₃	1998 12 15.50123	06 52 57.73	+03 30 11.2	18.3	704	1998 XA ₉₄	1998 12 15.47308	07 10 43.49	+17 06 35.1	19.1	704
1998 XU ₉₃	1998 12 15.51603	06 52 56.96	+03 30 08.7	18.7	704	1998 XA ₉₄	1998 12 15.48788	07 10 42.67	+17 06 32.3	19.0	704
1998 XU ₉₃	1998 12 22.30687	06 46 38.69	+03 18 30.5	18.1	704	1998 XA ₉₄	1998 12 15.50264	07 10 41.91	+17 06 32.5	19.0	704
1998 XU ₉₃	1998 12 22.32974	06 46 37.38	+03 18 29.4	18.5	704	1998 XA ₉₄	1998 12 15.51742	07 10 41.03	+17 06 32.7	19.5	704
1998 XU ₉₃	1998 12 22.35255	06 46 36.01	+03 18 28.1	18.2	704	1998 XA ₉₄	1998 12 22.40656	07 04 03.29	+17 00 37.8	18.2	704
1998 XU ₉₃	1998 12 22.37534	06 46 34.67	+03 18 26.9	18.7	704	1998 XA ₉₄	1998 12 22.42938	07 04 01.88	+17 00 35.1	18.2	704
1998 XU ₉₃	1998 12 22.39837	06 46 33.26	+03 18 25.9	18.9	704	1998 XA ₉₄	1998 12 22.45214	07 04 00.46	+17 00 35.2	18.4	704
1998 XU ₉₃	1999 01 18.19748	06 21 42.53	+04 06 23.1	18.2	704	1998 XB ₉₄	* 1998 12 15.45835	07 12 52.84	+18 06 14.9	18.4	704
1998 XU ₉₃	1999 01 18.21960	06 21 41.42	+04 06 29.5	18.1	704	1998 XB ₉₄	1998 12 15.47308	07 12 52.08	+18 06 15.1	19.1	704
1998 XU ₉₃	1999 01 18.24174	06 21 40.51	+04 06 34.2	18.3	704	1998 XB ₉₄	1998 12 15.48788	07 12 51.32	+18 06 15.7	19.3	704
1998 XU ₉₃	1999 01 18.26433	06 21 39.32	+04 06 38.5	17.6	704	1998 XB ₉₄	1998 12 15.50264	07 12 50.64	+18 06 16.1	19.5	704
1998 XU ₉₃	1999 01 20.09880	06 20 19.19	+04 14 34.6	17.6	704	1998 XB ₉₄	1998 12 22.40641	07 07 19.40	+18 06 54.3	17.9	704
1998 XU ₉₃	1999 01 20.12069	06 20 18.15	+04 14 39.7	18.1	704	1998 XB ₉₄	1998 12 22.42923	07 07 18.24	+18 06 56.7	18.5	704
1998 XU ₉₃	1999 01 20.16489	06 20 16.29	+04 14 51.6	17.6	704	1998 XB ₉₄	1998 12 22.45199	07 07 17.16	+18 06 56.1	18.5	704
1998 XU ₉₃	1999 01 20.18677	06 20 15.28	+04 14 58.0	17.7	704	1998 XB ₉₄	1998 12 22.47478	07 07 15.98	+18 06 54.4	18.9	704
1998 XV ₉₃	* 1998 12 15.45746	07 02 48.95	+06 28 08.1	17.8	704	1998 XC ₉₄	* 1998 12 15.45845	07 16 30.56	+18 54 39.9	19.1	704
1998 XV ₉₃	1998 12 15.47219	07 02 48.24	+06 28 03.0	18.2	704	1998 XC<					

1998 XF ₉₄	1998 12 15.50313	07 16 43.07	+20 30 49.4	18.4	704	1998 XO ₉₄	1999 01 20.19144	06 33 19.39	+05 42 24.7	17.7	704
1998 XF ₉₄	1998 12 22.41501	07 10 39.53	+20 54 26.2	18.0	704	1998 XO ₉₄	1999 01 20.21322	06 33 18.40	+05 42 25.1	17.7	704
1998 XF ₉₄	1998 12 22.43781	07 10 38.17	+20 54 31.0	17.8	704	1998 XO ₉₄	1999 01 20.23519	06 33 17.29	+05 42 25.4	17.7	704
1998 XF ₉₄	1998 12 22.46060	07 10 36.71	+20 54 35.5	17.6	704	1998 XO ₉₄	1999 01 20.25705	06 33 16.18	+05 42 27.0	18.0	704
1998 XF ₉₄	1998 12 22.48345	07 10 35.31	+20 54 41.2	18.0	704	1998 XO ₉₄	1999 01 20.27960	06 33 15.08	+05 42 30.2	18.8	704
1998 XF ₉₄	1998 12 22.50703	07 10 33.93	+20 54 45.4	18.0	704	1998 XP ₉₄	* 1998 12 15.46099	07 17 01.48	+11 16 56.1	19.1	704
1998 XG ₉₄	* 1998 12 15.45894	07 20 23.88	+18 25 09.4	18.9	704	1998 XP ₉₄	1998 12 15.47571	07 17 00.87	+11 16 58.7	19.3	704
1998 XG ₉₄	1998 12 15.47368	07 20 23.26	+18 25 16.7	19.0	704	1998 XP ₉₄	1998 12 15.49052	07 17 00.17	+11 16 58.8	19.0	704
1998 XG ₉₄	1998 12 15.48847	07 20 22.63	+18 25 21.3	19.0	704	1998 XP ₉₄	1998 12 15.50529	07 16 59.49	+11 16 57.9	19.0	704
1998 XG ₉₄	1998 12 15.51802	07 20 21.30	+18 25 35.0	19.5	704	1998 XP ₉₄	1998 12 15.52007	07 16 58.75	+11 16 56.6	19.7	704
1998 XG ₉₄	1998 12 22.41456	07 14 55.83	+19 17 44.6	18.4	704	1998 XP ₉₄	1998 12 22.41123	07 11 36.57	+11 22 04.4	18.3	704
1998 XG ₉₄	1998 12 22.43736	07 14 54.39	+19 17 54.1	18.5	704	1998 XP ₉₄	1998 12 22.43403	07 11 35.40	+11 22 06.0	18.2	704
1998 XG ₉₄	1998 12 22.46014	07 14 53.16	+19 18 06.6	18.6	704	1998 XP ₉₄	1998 12 22.45681	07 11 34.18	+11 22 08.1	18.0	704
1998 XG ₉₄	1998 12 22.50657	07 14 50.72	+19 18 26.4	18.7	704	1998 XP ₉₄	1998 12 22.47960	07 11 32.81	+11 22 09.0	18.8	704
1998 XH ₉₄	* 1998 12 15.45904	07 19 32.84	+17 43 42.8	18.7	704	1998 XQ ₉₄	* 1998 12 15.46099	07 17 37.24	+11 37 04.2	18.0	704
1998 XH ₉₄	1998 12 15.47377	07 19 32.05	+17 43 43.3	19.4	704	1998 XQ ₉₄	1998 12 15.47571	07 17 36.71	+11 37 04.0	18.6	704
1998 XH ₉₄	1998 12 15.48857	07 19 31.16	+17 43 43.5	19.3	704	1998 XQ ₉₄	1998 12 15.49052	07 17 36.09	+11 37 04.1	18.5	704
1998 XH ₉₄	1998 12 15.50333	07 19 30.39	+17 43 43.6	19.3	704	1998 XQ ₉₄	1998 12 15.50529	07 17 35.37	+11 37 02.9	18.5	704
1998 XH ₉₄	1998 12 15.51811	07 19 29.65	+17 43 43.8	19.8	704	1998 XQ ₉₄	1998 12 15.52007	07 17 34.81	+11 37 01.9	19.1	704
1998 XH ₉₄	1998 12 22.40626	07 13 00.25	+17 49 59.2	18.3	704	1998 XQ ₉₄	1998 12 22.41123	07 12 30.34	+11 35 52.0	18.1	704
1998 XH ₉₄	1998 12 22.42907	07 12 58.78	+17 50 01.0	19.2	704	1998 XQ ₉₄	1998 12 22.43403	07 12 29.08	+11 35 53.0	17.6	704
1998 XH ₉₄	1998 12 22.45183	07 12 57.42	+17 50 04.2	18.8	704	1998 XQ ₉₄	1998 12 22.45681	07 12 28.03	+11 35 52.7	17.4	704
1998 XH ₉₄	1998 12 22.47462	07 12 56.15	+17 50 04.3	18.7	704	1998 XQ ₉₄	1998 12 22.47960	07 12 26.88	+11 35 53.6	18.2	704
1998 XJ ₉₄	* 1998 12 15.45924	07 11 20.59	+15 05 33.6	17.8	704	1998 XQ ₉₄	1998 12 22.50324	07 12 25.70	+11 35 53.8	18.2	704
1998 XJ ₉₄	1998 12 15.47397	07 11 19.73	+15 05 33.7	18.0	704	1998 XR ₉₄	* 1998 12 15.46108	07 23 00.40	+12 10 13.1	18.3	704
1998 XJ ₉₄	1998 12 15.48877	07 11 18.93	+15 05 33.4		704	1998 XR ₉₄	1998 12 15.47581	07 22 59.83	+12 10 12.5	18.9	704
1998 XJ ₉₄	1998 12 15.50352	07 11 18.11	+15 05 33.7		704	1998 XR ₉₄	1998 12 15.49062	07 22 59.31	+12 10 08.8	18.3	704
1998 XJ ₉₄	1998 12 15.51831	07 11 17.33	+15 05 34.2		704	1998 XR ₉₄	1998 12 15.50539	07 22 58.56	+12 10 05.3	18.3	704
1998 XJ ₉₄	1998 12 22.41018	07 04 39.77	+15 09 46.7	17.4	704	1998 XR ₉₄	1998 12 15.52017	07 22 58.06	+12 10 04.5	19.0	704
1998 XJ ₉₄	1998 12 22.43298	07 04 38.31	+15 09 48.5	17.4	704	1998 XR ₉₄	1998 12 22.41379	07 18 02.62	+11 54 23.4	18.0	704
1998 XJ ₉₄	1998 12 22.45576	07 04 36.76	+15 09 48.6	17.5	704	1998 XR ₉₄	1998 12 22.43659	07 18 01.57	+11 54 21.6	18.0	704
1998 XJ ₉₄	1998 12 22.47855	07 04 35.41	+15 09 51.1	18.4	704	1998 XR ₉₄	1998 12 22.45937	07 18 00.55	+11 54 18.8	18.2	704
1998 XJ ₉₄	1998 12 22.50219	07 04 33.92	+15 09 52.2	18.2	704	1998 XR ₉₄	1998 12 22.48224	07 17 59.51	+11 54 16.0	18.5	704
1998 XK ₉₄	* 1998 12 15.45924	07 12 59.93	+14 42 38.0	18.2	704	1998 XR ₉₄	1998 12 22.50581	07 17 58.36	+11 54 13.6	18.7	704
1998 XK ₉₄	1998 12 15.47397	07 12 59.06	+14 42 33.7	18.9	704	1998 XR ₉₄	1999 01 18.22732	06 55 46.02	+11 35 05.9	17.0	704
1998 XK ₉₄	1998 12 15.48877	07 12 58.17	+14 42 29.3	18.9	704	1998 XR ₉₄	1999 01 18.25008	06 55 44.81	+11 35 07.3	16.9	704
1998 XK ₉₄	1998 12 15.50352	07 12 57.42	+14 42 29.4	18.9	704	1998 XR ₉₄	1999 01 18.27201	06 55 43.74	+11 35 06.4	17.4	704
1998 XK ₉₄	1998 12 15.51831	07 12 56.52	+14 42 25.0	19.6	704	1998 XR ₉₄	1999 01 18.29409	06 55 42.48	+11 35 07.3	18.1	704
1998 XK ₉₄	1998 12 22.40686	07 06 14.00	+14 19 43.2	18.5	704	1998 XR ₉₄	1999 01 20.21859	06 54 14.09	+11 36 07.6	17.4	704
1998 XK ₉₄	1998 12 22.42967	07 06 12.75	+14 19 39.0	18.5	704	1998 XR ₉₄	1999 01 20.24062	06 54 13.02	+11 36 07.9		704
1998 XK ₉₄	1998 12 22.45244	07 06 11.21	+14 19 35.0	18.2	704	1998 XR ₉₄	1999 01 20.26241	06 54 11.93	+11 36 08.3	17.3	704
1998 XK ₉₄	1998 12 22.47523	07 06 09.67	+14 19 28.7	19.5	704	1998 XR ₉₄	1999 01 20.28499	06 54 10.97	+11 36 08.8	17.3	704
1998 XL ₉₄	* 1998 12 15.45962	07 13 29.41	+10 24 20.0	18.7	704	1998 XS ₉₄	* 1998 12 15.46119	07 14 19.37	+13 39 18.4	18.9	704
1998 XL ₉₄	1998 12 15.47436	07 13 28.72	+10 24 19.9		704	1998 XS ₉₄	1998 12 15.47591	07 14 18.65	+13 39 18.6	18.9	704
1998 XL ₉₄	1998 12 15.48916	07 13 28.10	+10 24 16.5		704	1998 XS ₉₄	1998 12 15.49071	07 14 18.06	+13 39 18.3	19.1	704
1998 XL ₉₄	1998 12 15.50392	07 13 27.54	+10 24 13.3		704	1998 XS ₉₄	1998 12 15.50549	07 14 17.32	+13 39 18.7	19.1	704
1998 XL ₉₄	1998 12 15.51870	07 13 26.88	+10 24 10.6	18.4	704	1998 XS ₉₄	1998 12 15.52027	07 14 16.51	+13 39 17.7	19.2	704
1998 XL ₉₄	1998 12 22.41138	07 08 17.39	+10 05 36.7	17.4	704	1998 XS ₉₄	1998 12 22.41002	07 08 29.64	+13 40 09.7	18.0	704
1998 XL ₉₄	1998 12 22.43418	07 08 16.29	+10 05 31.4	17.4	704	1998 XS ₉₄	1998 12 22.43283	07 08 28.31	+13 40 09.5	17.6	704
1998 XL ₉₄	1998 12 22.47975	07 08 13.91	+10 05 29.2	18.7	704	1998 XS ₉₄	1998 12 22.45561	07 08 26.94	+13 40 10.9	17.9	704
1998 XL ₉₄	1999 01 18.20348	06 43 47.62	+09 57 15.8	16.9	704	1998 XS ₉₄	1998 12 22.47840	07 08 25.82	+13 40 12.5	18.3	704
1998 XL ₉₄	1999 01 18.22559	06 43 46.41	+09 57 18.0		704	1998 XT ₉₄	* 1998 12 15.46139	07 22 33.62	+16 40 14.0	18.7	704
1998 XL ₉₄	1999 01 18.24835	06 43 45.38	+09 57 20.8	17.7	704	1998 XT ₉₄	1998 12 15.47611	07 22 32.89	+16 40 17.2	18.7	704
1998 XL ₉₄	1999 01 18.27028	06 43 44.02	+09 57 22.3	17.4	704	1998 XT ₉₄	1998 12 15.49091	07 22 32.26	+16 40 18.8	18.7	704
1998 XL ₉₄	1999 01 18.29236	06 43 42.75	+09 57 25.9	18.5	704	1998 XT ₉₄	1998 12 15.50568	07 22 31.58	+16 40 18.9	18.4	704
1998 XL ₉₄	1999 01 20.19508	06 42 07.54	+10 00 36.1	17.2	704	1998 XT ₉₄	1998 12 15.52047	07 22 31.10	+16 40 19.0	18.4	704
1998 XL ₉₄	1999 01 20.21686	06 42 06.46	+10 00 38.9	17.2	704	1998 XT ₉₄	1998 12 22.41063	07 17 11.24	+16 50 14.1	18.6	704
1998 XL ₉₄	1999 01 20.23890	06 42 05.29	+10 00 41.5	17.3	704	1998 XT ₉₄	1998 12 22.43343	07 17 10.08	+16 50 15.7	18.0	704
1998 XL ₉₄	1999 01 20.26068	06 42 04.18	+10 00 45.2	17.0	704	1998 XT ₉₄	1998 12 22.45621	07 17 08.83	+16 50 16.0	18.5	704
1998 XM ₉₄	* 1998 12 15.45982	07 08 16.98	+07 25 47.6	18.0	704	1998 XU ₉₄	* 1998 12 15.46139	07 22 39.35	+16 48 15.4	18.6	704
1998 XM ₉₄	1998 12 15.47455	07 08 16.37	+07 25 45.6	18.0	704	1998 XU ₉₄	1998 12 15.47611	07 22 38.73	+16 48 15.5	18.6	704
1998 XM ₉₄	1998 12 15.48935	07 08 15.63	+07 25 45.2	19.0	704	1998 XU ₉₄	1998 12 15.49091	07 22 38.10	+16 48 13.8	19.1	704
1998 XM ₉₄	1998 12 15.50411	07 08 14.85	+07 25 42.4	18.6	704	1998 XU ₉₄	1998 12 15.50568	07 22 37.46	+16 48 11.3	18.7	704
1998 XM ₉₄	1998 12 15.51890	07 08 14.23	+07 25 40.9	18.6	704	1998 XU ₉₄	1998 12 15.52047	07 22 36.83	+16 48 11.4	18.7	704
1998 XM ₉₄	1998 12 22.40776	07 02 22.32	+07 17 03.5	18.5	704	1998 XU ₉₄	1998 12 22.41063	07 17 19.60	+16 39 47.1	18.8	704
1998 XM ₉₄	1998 12 22.43057	07 02 20.81	+07 17 03.9	17.6	704	1998 XU ₉₄	1998 12 22.43343	07 17 18.36	+16 39 43.9	18.5	704
1998 XM ₉₄	1998 12 22.45334	07 02 19.61	+07 17 04.3	17.9	704	1998 XU ₉₄	1998 12 22.45621	07 17 17.17	+16 39 44.6	18.8	704
1998 XM ₉₄	1998 12 22.47613	07 02 18.40	+07 17 04.6	18.7	704	1998 XU ₉₄	1999 01 16.88968	06 55 04.97	+16 25 59.4	18.2	V
1998 XM ₉₄	1999 01 18.20015	06 36 17.42	+08 07 54.8	17.8	704	1998 XU ₉₄	1999 01 16.92389	06 55 03.21	+16 25 59.4		552
1998 XM ₉₄	1999 01 18.22219	06 36 16.20	+08 07 59								

1998 XY ₉₄	1998 12 22.48420	07 22 24.18	+20 47 23.5	17.2	704	1998 XK ₉₅	* 1998 12 15.46362	07 22 31.53	+05 06 50.2	18.2	704
1998 XY ₉₄	1998 12 22.50779	07 22 23.00	+20 47 24.6	17.5	704	1998 XK ₉₅	1998 12 15.47841	07 22 30.87	+05 06 53.0	18.5	704
1998 XZ ₉₄	* 1998 12 15.46188	07 28 51.52	+21 14 38.4	18.4	704	1998 XK ₉₅	1998 12 15.49316	07 22 30.18	+05 06 56.3	18.5	704
1998 XZ ₉₄	1998 12 15.47661	07 28 50.97	+21 14 38.5	18.9	704	1998 XK ₉₅	1998 12 15.50794	07 22 29.47	+05 06 57.8	18.8	704
1998 XZ ₉₄	1998 12 15.49141	07 28 50.23	+21 14 38.7	18.7	704	1998 XK ₉₅	1998 12 15.52272	07 22 28.78	+05 07 00.8	19.2	704
1998 XZ ₉₄	1998 12 15.50618	07 28 49.58	+21 14 38.8	18.7	704	1998 XK ₉₅	1998 12 22.41213	07 16 41.58	+05 30 07.8	17.9	704
1998 XZ ₉₄	1998 12 15.52096	07 28 48.91	+21 14 38.9	19.4	704	1998 XK ₉₅	1998 12 22.43493	07 16 40.46	+05 30 11.7	17.9	704
1998 XZ ₉₄	1998 12 22.43857	07 23 12.47	+21 21 59.1	17.4	704	1998 XK ₉₅	1998 12 22.45771	07 16 39.22	+05 30 17.6	17.4	704
1998 XZ ₉₄	1998 12 22.46136	07 23 11.28	+21 22 03.5	17.4	704	1998 XK ₉₅	1998 12 22.48050	07 16 37.94	+05 30 24.1	18.0	704
1998 XZ ₉₄	1998 12 22.48420	07 23 09.99	+21 22 04.1	17.1	704	1998 XK ₉₅	1999 01 18.20478	06 50 48.62	+08 25 36.8	18.2	704
1998 XZ ₉₄	1998 12 22.50779	07 23 08.71	+21 22 04.4	17.5	704	1998 XK ₉₅	1999 01 18.22688	06 50 47.35	+08 25 47.4	17.3	704
1998 XA ₉₅	* 1998 12 15.46188	07 31 10.44	+21 21 48.5	17.7	704	1998 XK ₉₅	1999 01 18.24964	06 50 46.06	+08 25 59.7	17.8	704
1998 XA ₉₅	1998 12 15.47661	07 31 09.68	+21 21 48.7	18.3	704	1998 XK ₉₅	1999 01 18.27157	06 50 44.84	+08 26 09.2	17.8	704
1998 XA ₉₅	1998 12 15.49141	07 31 09.02	+21 21 48.9	18.2	704	1998 XK ₉₅	1999 01 20.19652	06 49 05.88	+08 42 23.0	17.7	704
1998 XA ₉₅	1998 12 15.50618	07 31 08.48	+21 21 49.8	18.2	704	1998 XK ₉₅	1999 01 20.21830	06 49 04.71	+08 42 34.6	16.9	704
1998 XA ₉₅	1998 12 15.52096	07 31 07.64	+21 21 51.5	18.8	704	1998 XK ₉₅	1999 01 20.24033	06 49 03.71	+08 42 45.1	18.2	704
1998 XA ₉₅	1998 12 22.43872	07 25 22.40	+21 31 55.3	17.3	704	1998 XK ₉₅	1999 01 20.26212	06 49 02.55	+08 42 55.4	18.5	704
1998 XA ₉₅	1998 12 22.46151	07 25 21.13	+21 31 56.6	16.7	704	1998 XK ₉₅	1999 01 20.28470	06 49 01.23	+08 43 08.7	17.0	704
1998 XA ₉₅	1998 12 22.48436	07 25 19.88	+21 31 58.5	17.0	704	1998 XL ₉₅	* 1998 12 15.46689	06 42 22.51	+21 24 14.1	17.4	704
1998 XA ₉₅	1998 12 22.50794	07 25 18.48	+21 32 01.0	16.9	704	1998 XL ₉₅	1998 12 15.48168	06 42 21.75	+21 24 11.5		704
1998 XB ₉₅	* 1998 12 15.46198	07 32 52.42	+20 12 18.3	18.6	704	1998 XL ₉₅	1998 12 15.49643	06 42 20.96	+21 24 09.3		704
1998 XB ₉₅	1998 12 15.47670	07 32 51.51	+20 12 18.5	18.8	704	1998 XL ₉₅	1998 12 15.51121	06 42 20.07	+21 24 07.0	17.9	704
1998 XB ₉₅	1998 12 15.49150	07 32 50.75	+20 12 18.7	19.1	704	1998 XL ₉₅	1998 12 22.29838	06 36 03.09	+21 07 37.6	17.7	704
1998 XB ₉₅	1998 12 15.50628	07 32 49.87	+20 12 18.9	18.9	704	1998 XL ₉₅	1998 12 22.32109	06 36 01.75	+21 07 33.8	18.1	704
1998 XB ₉₅	1998 12 15.52106	07 32 49.21	+20 12 19.0	18.9	704	1998 XL ₉₅	1998 12 22.34405	06 36 00.33	+21 07 29.9	18.0	704
1998 XB ₉₅	1998 12 22.41561	07 26 10.18	+20 16 55.7	18.5	704	1998 XL ₉₅	1998 12 22.36684	06 35 58.97	+21 07 26.2	18.3	704
1998 XB ₉₅	1998 12 22.46120	07 26 07.07	+20 16 55.5	18.1	704	1998 XL ₉₅	1999 01 18.10015	06 11 34.23	+20 07 14.7	17.5	704
1998 XB ₉₅	1998 12 22.48405	07 26 05.63	+20 16 55.9	18.1	704	1998 XL ₉₅	1999 01 18.12213	06 11 33.11	+20 07 10.8	17.9	704
1998 XB ₉₅	1998 12 22.50763	07 26 04.07	+20 16 56.2	18.2	704	1998 XL ₉₅	1999 01 18.14410	06 11 32.39	+20 07 09.5	17.9	704
1998 XC ₉₅	* 1998 12 15.46198	07 33 46.35	+20 07 39.7	18.5	704	1998 XL ₉₅	1999 01 18.16644	06 11 31.35	+20 07 05.7	18.2	704
1998 XC ₉₅	1998 12 15.47670	07 33 45.72	+20 07 39.9	18.5	704	1998 XL ₉₅	1999 01 20.09200	06 10 13.95	+20 03 25.7	17.5	704
1998 XC ₉₅	1998 12 15.49150	07 33 45.08	+20 07 40.0	18.9	704	1998 XL ₉₅	1999 01 20.11388	06 10 13.21	+20 03 21.5	18.1	704
1998 XC ₉₅	1998 12 15.50628	07 33 44.45	+20 07 40.2	18.8	704	1998 XL ₉₅	1999 01 20.13569	06 10 12.19	+20 03 20.7	18.1	704
1998 XC ₉₅	1998 12 15.52106	07 33 43.81	+20 07 40.3	18.8	704	1998 XL ₉₅	1999 01 20.15807	06 10 11.31	+20 03 17.8	18.3	704
1998 XC ₉₅	1998 12 22.43887	07 28 20.18	+20 09 25.3	18.6	704	1998 XL ₉₅	1999 01 20.17998	06 10 10.44	+20 03 15.5	18.3	704
1998 XC ₉₅	1998 12 22.46166	07 28 19.07	+20 09 26.5	18.6	704	1998 XM ₉₅	* 1998 12 15.46876	06 48 50.08	+05 06 13.2	19.1	704
1998 XC ₉₅	1998 12 22.50809	07 28 16.19	+20 09 25.5	18.7	704	1998 XM ₉₅	1998 12 15.48354	06 48 49.49	+05 06 15.5	19.1	704
1998 XD ₉₅	* 1998 12 15.46227	07 26 15.03	+16 46 48.7	18.6	704	1998 XM ₉₅	1998 12 15.49829	06 48 48.89	+05 06 15.6	19.8	704
1998 XD ₉₅	1998 12 15.47700	07 26 14.40	+16 46 52.9	18.7	704	1998 XM ₉₅	1998 12 15.51306	06 48 48.24	+05 06 18.6	19.9	704
1998 XD ₉₅	1998 12 15.49180	07 26 13.78	+16 46 57.4	19.0	704	1998 XM ₉₅	1998 12 22.30733	06 43 40.56	+05 18 35.1	19.2	704
1998 XD ₉₅	1998 12 15.50657	07 26 13.16	+16 47 01.9	19.3	704	1998 XM ₉₅	1998 12 22.33019	06 43 39.56	+05 18 39.1	20.1	704
1998 XD ₉₅	1998 12 22.42892	07 20 30.81	+17 19 08.4	18.5	704	1998 XM ₉₅	1998 12 22.35300	06 43 38.48	+05 18 39.6	19.9	704
1998 XD ₉₅	1998 12 22.45168	07 20 29.55	+17 19 17.3	18.8	704	1998 XM ₉₅	1998 12 22.37580	06 43 37.29	+05 18 45.6	20.0	704
1998 XD ₉₅	1998 12 22.47447	07 20 28.33	+17 19 22.3	18.7	704	1998 XN ₉₅	* 1998 12 15.47073	07 01 20.02	+14 38 53.6	18.2	704
1998 XE ₉₅	* 1998 12 15.46237	07 22 28.70	+15 10 57.0	18.5	704	1998 XN ₉₅	1998 12 15.48552	07 01 19.21	+14 38 53.9	18.2	704
1998 XE ₉₅	1998 12 15.47716	07 22 28.08	+15 10 54.5	18.7	704	1998 XN ₉₅	1998 12 15.50026	07 01 18.37	+14 38 56.0	18.8	704
1998 XE ₉₅	1998 12 15.49190	07 22 27.36	+15 10 52.0	19.2	704	1998 XN ₉₅	1998 12 15.51504	07 01 17.55	+14 38 57.8	18.8	704
1998 XE ₉₅	1998 12 15.50667	07 22 26.61	+15 10 48.8	19.2	704	1998 XN ₉₅	1998 12 22.31006	06 54 33.38	+14 52 18.6	18.2	704
1998 XE ₉₅	1998 12 15.52145	07 22 25.92	+15 10 45.2	19.2	704	1998 XN ₉₅	1998 12 22.33302	06 54 31.86	+14 52 21.9	18.4	704
1998 XE ₉₅	1998 12 22.41078	07 16 35.13	+14 50 49.1	18.6	704	1998 XN ₉₅	1998 12 22.35575	06 54 30.28	+14 52 25.3	19.0	704
1998 XE ₉₅	1998 12 22.43358	07 16 33.78	+14 50 45.4	18.4	704	1998 XN ₉₅	1998 12 22.37853	06 54 28.75	+14 52 27.7	19.2	704
1998 XE ₉₅	1998 12 22.45636	07 16 32.51	+14 50 42.0	18.1	704	1998 XN ₉₅	1998 12 22.40156	06 54 27.37	+14 52 30.8	19.3	704
1998 XF ₉₅	* 1998 12 15.46246	07 23 27.18	+14 34 04.9	18.1	704	1998 XO ₉₅	* 1998 12 15.47083	06 55 38.88	+14 22 13.9	19.0	704
1998 XF ₉₅	1998 12 15.47725	07 23 26.45	+14 34 00.7	18.1	704	1998 XO ₉₅	1998 12 15.48562	06 55 38.25	+14 22 09.5	19.0	704
1998 XF ₉₅	1998 12 15.49200	07 23 25.81	+14 33 57.2	18.2	704	1998 XO ₉₅	1998 12 15.50036	06 55 37.62	+14 22 05.4	18.6	704
1998 XF ₉₅	1998 12 15.50677	07 23 25.13	+14 33 52.9		704	1998 XO ₉₅	1998 12 15.51516	06 55 36.69	+14 22 04.4	18.6	704
1998 XF ₉₅	1998 12 15.52155	07 23 24.50	+14 33 48.7		704	1998 XO ₉₅	1998 12 22.30839	06 49 39.23	+13 58 12.9	18.5	704
1998 XF ₉₅	1998 12 22.41093	07 17 46.02	+14 07 00.2	16.8	704	1998 XO ₉₅	1998 12 22.33126	06 49 37.99	+13 58 08.5	19.1	704
1998 XF ₉₅	1998 12 22.43373	07 17 44.69	+14 06 55.5		704	1998 XO ₉₅	1998 12 22.35406	06 49 36.71	+13 58 04.2	19.1	704
1998 XF ₉₅	1998 12 22.45651	07 17 43.43	+14 06 50.4		704	1998 XO ₉₅	1998 12 22.37686	06 49 35.26	+13 57 58.8	19.8	704
1998 XF ₉₅	1998 12 22.47930	07 17 42.20	+14 06 45.5	17.4	704	1998 XP ₉₅	* 1998 12 15.47249	07 01 04.59	+09 55 29.9	18.2	704
1998 XG ₉₅	* 1998 12 15.46246	07 24 40.85	+14 32 36.0	17.7	704	1998 XP ₉₅	1998 12 15.48729	07 01 03.94	+09 55 30.3	18.0	704
1998 XG ₉₅	1998 12 15.47725	07 24 40.22	+14 32 40.2	18.5	704	1998 XP ₉₅	1998 12 15.50204	07 01 03.28	+09 55 33.4	18.0	704
1998 XG ₉₅	1998 12 15.49200	07 24 39.55	+14 32 45.2		704	1998 XP ₉₅	1998 12 15.51684	07 01 02.63	+09 55 36.2	18.1	704
1998 XG ₉₅	1998 12 15.50677	07 24 38.93	+14 32 48.8		704	1998 XP ₉₅	1998 12 22.40731	06 55 41.30	+10 17 48.5	17.0	704
1998 XG ₉₅	1998 12 15.52155	07 24 38.36	+14 32 53.3		704	1998 XP ₉₅	1998 12 22.43012	06 55 40.19	+10 17 53.3	17.6	704
1998 XG ₉₅	1998 12 22.41078	07 19 34.61	+15 12 40.1	16.9	704	1998 XP ₉₅	1998 12 22.45289	06 55 38.96	+10 17 57.4	17.8	704
1998 XG ₉₅	1998 12 22.43358	07 19 33.47	+15 12 48.2		704	1998 XP ₉₅	1998 12 22.47568	06 55 37.70	+10 18 04.1	18.1	704
1998 XG ₉₅	1998 12 22.47915	07 19 30.77	+15 13 05.0	17.1	704	1998 XP ₉₅	1998 12 22.49932	06 55 36.62	+10 18 09.2	18.1	704
1998 XG ₉₅	1998 12 22.50279	07 19 29.87	+1								

1998 XT ₉₅	1998 12 22.46485	07 21 18.06	+10 38 55.9	18.7	704	1998 YC	1999 01 20.74524	07 33 45.80	+20 20 57.3	18.0	120
1998 XT ₉₅	1998 12 22.51128	07 21 15.65	+10 38 51.6	18.8	704	1998 YC	1999 01 20.74869	07 33 45.58	+20 20 57.4		120
1998 XU ₉₅	* 1998 12 15.48444	06 52 10.06	+16 03 21.5	19.1	704	1998 YD	1998 12 01.36642	08 14 20.81	+22 22 47.2	18.2 R	699
1998 XU ₉₅	1998 12 15.49918	06 52 09.33	+16 03 26.4	19.1	704	1998 YD	1998 12 01.39422	08 14 20.32	+22 22 38.6		699
1998 XU ₉₅	1998 12 15.51396	06 52 08.45	+16 03 27.9	19.1	704	1998 YD	1998 12 01.41972	08 14 19.82	+22 22 29.7		699
1998 XU ₉₅	1998 12 22.30869	06 45 24.89	+16 22 37.0	18.2	704	1998 YD	1999 01 16.78981	07 34 32.41	+18 09 08.5	17.5	120
1998 XU ₉₅	1998 12 22.35438	06 45 21.92	+16 22 45.8	19.1	704	1998 YD	1999 01 16.80977	07 34 31.00	+18 09 02.1		120
1998 XU ₉₅	1998 12 22.37717	06 45 20.34	+16 22 52.0	19.3	704	1998 YD	1999 01 17.77494	07 33 23.64	+18 03 44.0	17.0	120
1998 XU ₉₅	1998 12 22.40020	06 45 18.85	+16 22 54.7	19.5	704	1998 YD	1999 01 17.79521	07 33 22.19	+18 03 37.4		120
1998 XV ₉₅	* 1998 12 15.48748	07 05 33.75	+13 13 40.4	18.4	704	1998 YD	1999 01 20.30001	07 30 29.01	+17 49 57.6	17.1	704
1998 XV ₉₅	1998 12 15.50224	07 05 32.94	+13 13 40.5	18.4	704	1998 YD	1999 01 20.34416	07 30 26.05	+17 49 41.0	18.8	704
1998 XV ₉₅	1998 12 15.51703	07 05 32.33	+13 13 40.3	18.9	704	1998 YD	1999 01 20.36648	07 30 24.35	+17 49 35.2	18.6	704
1998 XV ₉₅	1998 12 22.40701	07 00 13.32	+13 11 27.8	18.1	704	1998 YE	1999 01 10.07922	11 02 03.16	-00 37 43.3	17.7	120
1998 XV ₉₅	1998 12 22.42982	07 00 12.08	+13 11 26.1	18.0	704	1998 YE	1999 01 10.09797	11 02 03.40	-00 37 47.2		120
1998 XV ₉₅	1998 12 22.45259	07 00 10.94	+13 11 26.4	17.9	704	1998 YF	1999 01 10.09581	10 59 11.85	+01 34 13.0	17.7	120
1998 XV ₉₅	1998 12 22.47538	07 00 09.89	+13 11 28.2	18.4	704	1998 YG	1999 01 20.10263	11 00 30.77	+04 02 13.7	18.0	120
1998 XV ₉₅	1999 01 18.20087	06 37 29.22	+13 41 12.9	17.6	704	1998 YG	1999 01 20.12998	11 00 30.56	+04 02 14.0		120
1998 XV ₉₅	1999 01 18.22292	06 37 28.25	+13 41 17.1	17.8	704	1998 YG	1999 01 20.98281	11 00 24.66	+04 02 16.5	18.1	120
1998 XV ₉₅	1999 01 18.24574	06 37 27.31	+13 41 18.5	18.3	704	1998 YG	1999 01 21.06744	11 00 23.84	+04 02 17.0		120
1998 XV ₉₅	1999 01 18.26766	06 37 26.12	+13 41 22.5	18.3	704	1998 YG	1999 01 21.08140	11 00 23.75	+04 02 17.7		120
1998 XV ₉₅	1999 01 20.19002	06 36 01.04	+13 45 25.1	18.4	704	1998 YG	1999 01 22.02304	11 00 15.40	+04 02 31.2	18.2	120
1998 XV ₉₅	1999 01 20.21179	06 36 00.02	+13 45 27.5	18.1	704	1998 YG	1999 01 22.09281	11 00 14.55	+04 02 32.7		120
1998 XV ₉₅	1999 01 20.23377	06 35 59.06	+13 45 30.5	18.1	704	1998 YG	1999 01 23.05004	11 00 04.33	+04 02 58.5	18.2	120
1998 XV ₉₅	1999 01 20.25562	06 35 58.04	+13 45 34.0	17.7	704	1998 YG	1999 01 23.08123	11 00 03.89	+04 02 59.1		120
1998 XV ₉₅	1999 01 20.27818	06 35 57.02	+13 45 37.0	17.9	704	1998 YH	1999 01 14.06307	11 06 40.53	+03 22 31.2	18.0	120
1998 XW ₉₅	* 1998 12 15.48808	07 11 27.85	+19 31 29.2	19.2	704	1998 YH	1999 01 14.08832	11 06 40.83	+03 22 24.2		120
1998 XW ₉₅	1998 12 15.50284	07 11 26.90	+19 31 29.6	19.2	704	1998 YH	1999 01 14.11457	11 06 41.16	+03 22 16.0		120
1998 XW ₉₅	1998 12 15.51762	07 11 25.93	+19 31 34.3	19.3	704	1998 YH	1999 01 15.51213	11 06 57.76	+03 15 29.7	17.8 R	699
1998 XW ₉₅	1998 12 22.30945	07 04 28.09	+19 54 12.6	18.7	704	1998 YH	1999 01 15.52743	11 06 57.79	+03 15 25.2		699
1998 XW ₉₅	1998 12 22.33232	07 04 26.48	+19 54 17.4	18.9	704	1998 YH	1999 01 15.54104	11 06 57.97	+03 15 21.4		699
1998 XW ₉₅	1998 12 22.35514	07 04 24.89	+19 54 22.2	18.7	704	1998 YP	1999 01 04.65459	07 06 20.12	+20 08 57.4		411
1998 XW ₉₅	1998 12 22.37792	07 04 23.39	+19 54 28.5	19.4	704	1998 YP	1999 01 04.65711	07 06 19.90	+20 08 56.7		411
1998 XX ₉₅	* 1998 12 15.49081	07 19 02.02	+15 42 43.5	18.6	704	1998 YP	1999 01 15.56902	06 54 37.93	+19 37 40.0		411
1998 XX ₉₅	1998 12 15.50558	07 19 01.40	+15 42 48.1	18.6	704	1998 YP	1999 01 15.58530	06 54 37.02	+19 37 36.1		411
1998 XX ₉₅	1998 12 15.52037	07 19 00.72	+15 42 48.2	18.9	704	1998 YQ	1999 01 05.53617	07 06 11.32	+24 28 27.6		411
1998 XX ₉₅	1998 12 22.41063	07 14 02.91	+16 01 50.6	18.4	704	1998 YQ	1999 01 05.54894	07 06 10.36	+24 28 30.9		411
1998 XX ₉₅	1998 12 22.43343	07 14 01.96	+16 01 55.5	18.4	704	1998 YQ	1999 01 15.57082	06 55 02.24	+25 04 05.2		411
1998 XX ₉₅	1998 12 22.50264	07 13 58.36	+16 02 07.5	19.7	704	1998 YQ	1999 01 15.58711	06 55 01.17	+25 04 08.7		411
1998 XY ₉₅	* 1998 12 12.91524	05 15 19.72	+26 44 53.9	22.2 R	950	1998 YQ	1999 01 16.19979	06 54 22.17	+25 06 04.8	18.1	704
1998 XY ₉₅	1998 12 13.02631	05 15 19.18	+26 44 53.6	21.6 R	950	1998 YQ	1999 01 16.22176	06 54 20.68	+25 06 08.2	18.3	704
1998 XY ₉₅	1998 12 13.07074	05 15 18.93	+26 44 53.5		950	1998 YQ	1999 01 16.24384	06 54 19.13	+25 06 13.3	19.2	704
1998 XY ₉₅	1998 12 13.86534	05 15 14.68	+26 44 50.0		950	1998 YQ	1999 01 16.26579	06 54 17.77	+25 06 16.7	18.5	704
1998 XY ₉₅	1998 12 14.19124	05 15 12.93	+26 44 48.6		950	1998 YQ	1999 01 19.19656	06 51 15.73	+25 15 02.6	17.9	704
1998 XY ₉₅	1999 01 19.12019	05 12 20.28	+26 41 25.1	23.6 R F	709	1998 YQ	1999 01 19.21884	06 51 14.40	+25 15 07.4	19.4	704
1998 XY ₉₅	1999 01 19.16583	05 12 20.02	+26 41 25.3	22.1 R F	709	1998 YQ	1999 01 19.24112	06 51 12.90	+25 15 12.1	18.8	704
1998 XY ₉₅	1999 01 19.21161	05 12 19.97	+26 41 24.0	22.5 R I	709	1998 YQ	1999 01 19.26335	06 51 11.45	+25 15 15.8	18.0	704
1998 XY ₉₅	1999 01 19.25780	05 12 19.70	+26 41 24.7	22.1 R F	709	1998 YQ	1999 01 19.28554	06 51 10.07	+25 15 19.5	19.0	704
1998 XZ ₉₅	* 1998 12 02.76069	07 38 13.36	+17 40 28.6	18.1	327	1998 YR	1998 12 15.46198	07 28 40.81	+20 31 17.6	18.3	704
1998 XZ ₉₅	1998 12 02.77000	07 38 13.09	+17 40 29.6		327	1998 YR	1998 12 15.47670	07 28 40.18	+20 31 16.5	18.3	704
1998 XZ ₉₅	1998 12 02.77881	07 38 12.85	+17 40 30.7		327	1998 YR	1998 12 15.49150	07 28 39.61	+20 31 15.0		704
1998 XZ ₉₅	1998 12 09.85188	07 33 58.43	+17 55 48.0		327	1998 YR	1998 12 15.50628	07 28 38.94	+20 31 14.9		704
1998 XZ ₉₅	1998 12 09.86439	07 33 57.88	+17 55 50.2	17.7	327	1998 YR	1998 12 15.52106	07 28 38.32	+20 31 14.5		704
1998 XZ ₉₅	1998 12 09.92029	07 33 55.39	+17 55 58.6		327	1998 YR	1998 12 22.41561	07 23 26.75	+20 26 13.0	18.0	704
1998 XA ₉₆	* 1998 12 02.76069	07 38 42.84	+17 49 38.2		327	1998 YR	1998 12 22.43842	07 23 25.64	+20 26 11.4	17.8	704
1998 XA ₉₆	1998 12 02.77000	07 38 42.66	+17 49 35.2		327	1998 YR	1998 12 22.48405	07 23 23.30	+20 26 09.7	17.4	704
1998 XA ₉₆	1998 12 02.77881	07 38 42.47	+17 49 31.1	18.1	327	1998 YR	1998 12 22.50763	07 23 22.24	+20 26 09.7	17.7	704
1998 XA ₉₆	1998 12 09.85612	07 35 37.77	+17 04 01.3	18.2	327	1998 YR	1999 01 05.54340	07 11 14.37	+20 17 22.1		411
1998 XA ₉₆	1998 12 09.86927	07 35 37.24	+17 03 56.0		327	1998 YR	1999 01 05.55615	07 11 13.59	+20 17 21.2		411
1998 XA ₉₆	1998 12 09.92323	07 35 35.31	+17 03 35.9		327	1998 YR	1999 01 11.87464	07 05 32.00	+20 13 28.7	17.7	120
1998 XB ₉₆	* 1998 12 02.79123	07 46 06.03	+19 10 41.7	18.4	327	1998 YR	1999 01 11.88589	07 05 31.37	+20 13 28.3		120
1998 XB ₉₆	1998 12 02.82091	07 46 05.50	+19 10 43.2		327	1998 YR	1999 01 13.81649	07 03 48.25	+20 12 15.5	17.8	120
1998 XB ₉₆	1998 12 02.83377	07 46 05.22	+19 10 44.4		327	1998 YR	1999 01 13.90065	07 03 43.69	+20 12 12.8		120
1998 XB ₉₆	1998 12 09.86027	07 43 29.12	+19 20 18.4		327	1998 YR	1999 01 13.91181	07 03 43.13	+20 12 13.1		120
1998 XB ₉₆	1998 12 09.87338	07 43 28.77	+19 20 20.0	18.0	327	1998 YR	1999 01 19.74253	06 58 40.94	+20 08 26.6	17.8	120
1998 XB ₉₆	1998 12 09.92622	07 43 27.20	+19 20 24.8		327	1998 YR	1999 01 19.76578	06 58 39.68	+20 08 25.0		120
1998 XC ₉₆	* 1998 12 12.35984	09 37 31.50	+14 51 06.7	19.5	303	1998 YR	1999 01 19.77663	06 58 39.14	+20 08 24.2		120
1998 XC ₉₆	1998 12 12.40414	09 37 31.25	+14 51 05.5	19.5	303	1998 YR	1999 01 21.81863	06 56 57.68	+20 07 01.7	18.0	120
1998 XC ₉₆	1998 12 13.40428	09 37 29.54	+14 50 43.2	19.5	303	1998 YR	1999 01 21.83170	06 56 57.03	+20 07 02.2		120
1998 XD ₉₆	* 1998 12 12.35984	09 38 02.99	+14 37 30.0	19	303	1998 YR	1999 01 23.78277	06 55 23.01	+20 05 41.5	18.4	120
1998 XD ₉₆	1998 12 12.40414	09 38 03.25	+14 37 30.4	19	303	1998 YS	1999 01 05.54159	07 10 15.09	+24 43 14.2		411
1998 XD ₉₆	1998 12 13.40428	09 38 10.55	+14 37 57.9	19	303	1998 YS	1999 01 05.55435	07 10 14.40	+24 43 17.8		411
1998 YA	1999 01 16.79464	07 38 18.71	+21 12 44.9	18.0	120	1998 YS	1999 01 07.48780	07 08 25.63	+24 48 43.6		411
1998 YA	1999 01 16.81473	07 38 17.38	+21 12 47.2		120	1998 YS	1999 01 07.49102	07 08 25.40	+24 48 44.2		411
1998 YA	1999 01 17.78064	07 37 14.58									

1998 YX	1999 01	19.19815	07 00	13.99	+25 34 09.1	17.4	704	1998 YL ₁	1998 12	19.19824	03 58	16.42	+36 30 37.4	18.7	704
1998 YX	1999 01	19.22043	07 00	12.71	+25 34 16.7		704	1998 YL ₁	1998 12	19.22119	03 58	15.29	+36 30 30.7	19.2	704
1998 YX	1999 01	19.24271	07 00	11.52	+25 34 22.2		704	1998 YL ₁	1998 12	19.24397	03 58	14.01	+36 30 22.3	18.9	704
1998 YX	1999 01	19.26494	07 00	10.27	+25 34 29.0	17.7	704	1998 YL ₁	1998 12	19.26686	03 58	12.81	+36 30 15.2	18.8	704
1998 YX	1999 01	19.28713	07 00	09.11	+25 34 35.8	18.0	704	1998 YL ₁	1998 12	19.28806	03 58	11.56	+36 30 06.1	18.1	704
1998 YY	1999 01	05.54523	07 11	42.44	+27 28 57.5		411	1998 YL ₁	1998 12	19.31093	03 58	10.42	+36 29 59.3	18.1	704
1998 YY	1999 01	05.55798	07 11	41.48	+27 29 04.5		411	1998 YL ₁	1998 12	19.33388	03 58	09.30	+36 29 51.4	18.5	704
1998 YY	1999 01	15.57626	07 00	19.91	+29 07 29.7		411	1998 YL ₁	1998 12	19.35683	03 58	07.98	+36 29 43.8	18.4	704
1998 YY	1999 01	15.59255	07 00	18.80	+29 07 38.7		411	1998 YL ₁	1998 12	23.26193	03 54	56.98	+36 06 32.2	17.8	704
1998 YZ	1998 12	15.93589	06 30	32.86	+22 46 42.6	18.5 V	046	1998 YL ₁	1998 12	23.26892	03 54	56.60	+36 06 31.2	17.8	704
1998 YZ	1998 12	15.93785	06 30	32.73	+22 46 42.1		046	1998 YL ₁	1998 12	23.27585	03 54	56.22	+36 06 27.7	17.8	704
1998 YZ	1998 12	15.94259	06 30	32.46	+22 46 41.1		046	1998 YL ₁	1998 12	23.28278	03 54	55.85	+36 06 26.8	18.1	704
1998 YZ	1998 12	18.08466	06 28	36.03	+22 41 39.5		046	1998 YL ₁	1998 12	23.28972	03 54	55.46	+36 06 22.3	18.1	704
1998 YZ	1998 12	18.08664	06 28	35.97	+22 41 39.5	18.7 V	046	1998 YN ₁	1999 01	05.51014	05 10	43.38	+32 35 24.8	17.9 V	402
1998 YZ	1998 12	18.08897	06 28	35.77	+22 41 38.8		046	1998 YN ₁	1999 01	05.51153	05 10	43.12	+32 35 25.1		402
1998 YZ	1998 12	18.09179	06 28	35.65	+22 41 38.7		046	1998 YN ₁	1999 01	05.51292	05 10	42.91	+32 35 25.6		402
1998 YZ	1998 12	22.07370	06 24	55.27	+22 32 08.7	17.6 V	046	1998 YN ₁	1999 01	05.94038	05 09	30.95	+32 37 08.2		557
1998 YZ	1998 12	22.08306	06 24	54.71	+22 32 07.8		046	1998 YN ₁	1999 01	05.94837	05 09	29.59	+32 37 11.4		587
1998 YZ	1998 12	22.08494	06 24	54.62	+22 32 07.0		046	1998 YN ₁	1999 01	05.95272	05 09	28.81	+32 37 12.3		587
1998 YZ	1998 12	28.92095	06 18	32.67	+22 15 24.9	18.0 V	046	1998 YN ₁	1999 01	06.50109	05 07	57.98	+32 39 41.9	18.6 R	422
1998 YZ	1998 12	28.92730	06 18	32.32	+22 15 24.4		046	1998 YN ₁	1999 01	06.50260	05 07	57.66	+32 39 42.1	18.8 R	422
1998 YZ	1999 01	19.95411	06 00	34.30	+21 21 14.9	18.3 R	046	1998 YN ₁	1999 01	13.89672	04 48	28.66	+32 59 11.9		118
1998 YZ	1999 01	19.95641	06 00	34.22	+21 21 14.4		046	1998 YN ₁	1999 01	13.90310	04 48	27.65	+32 59 12.2		118
1998 YZ	1999 01	19.95892	06 00	34.10	+21 21 13.9		046	1998 YN ₁	1999 01	15.86995	04 43	44.36	+33 01 50.6		587
1998 YZ	1999 01	20.90352	05 59	58.06	+21 19 02.2	18.7 R	046	1998 YN ₁	1999 01	15.87481	04 43	43.79	+33 01 51.4		587
1998 YZ	1999 01	20.90781	05 59	57.89	+21 19 01.5		046	1998 YN ₁	1999 01	15.88225	04 43	42.72	+33 01 52.6		587
1998 YZ	1999 01	20.91156	05 59	57.70	+21 19 00.4		046	1998 YN ₁	1999 01	16.95255	04 41	14.38	+33 02 50.4	18.1 R	118
1998 YB ₁	1999 01	08.62358	08 02	05.70	+35 57 39.2	18.0 V	886	1998 YN ₁	1999 01	16.95862	04 41	13.49	+33 02 51.1		118
1998 YB ₁	1999 01	08.63551	08 02	05.12	+35 57 41.3		886	1998 YN ₁	1999 01	18.54924	04 37	42.73	+33 04 02.2	18.6 V	402
1998 YB ₁	1999 01	15.24118	07 55	04.82	+36 33 45.7	18.1 R	699	1998 YN ₁	1999 01	18.55086	04 37	42.49	+33 04 02.0		402
1998 YB ₁	1999 01	15.25391	07 55	04.04	+36 33 49.5		699	1998 YN ₁	1999 01	18.55407	04 37	42.09	+33 04 02.9		402
1998 YB ₁	1999 01	15.26744	07 55	03.11	+36 33 53.2		699	1998 YN ₁	1999 01	20.87037	04 32	54.83	+33 04 50.1		587
1998 YB ₁	1999 01	22.71514	07 47	00.68	+37 03 15.5	17.5 V	888	1998 YN ₁	1999 01	20.88201	04 32	53.39	+33 04 49.9		587
1998 YB ₁	1999 01	22.72341	07 47	00.09	+37 03 17.2		888	1998 YN ₁	1999 01	21.54115	04 31	36.05	+33 04 59.4	18.4 V	360
1998 YC ₁	1998 12	15.38662	06 16	43.03	+17 19 27.2	17.9	704	1998 YN ₁	1999 01	21.54358	04 31	35.76	+33 04 59.3		360
1998 YC ₁	1998 12	15.40144	06 16	42.34	+17 19 28.0	17.9	704	1998 YN ₁	1999 01	21.54618	04 31	35.44	+33 04 59.3		360
1998 YC ₁	1998 12	15.41627	06 16	41.55	+17 19 27.5	18.4	704	1998 YN ₁	1999 01	21.80100	04 31	06.58	+33 04 56.8	18.1 V	046
1998 YC ₁	1998 12	15.43113	06 16	40.91	+17 19 27.6	18.1	704	1998 YN ₁	1999 01	21.80292	04 31	06.36	+33 04 56.9		046
1998 YC ₁	1998 12	15.44607	06 16	40.03	+17 19 27.7	18.1	704	1998 YN ₁	1999 01	21.80472	04 31	06.14	+33 04 57.0		046
1998 YC ₁	1998 12	22.29310	06 10	53.12	+17 17 38.7	18.3	704	1998 YN ₁	1999 01	24.23435	04 26	42.10	+33 04 50.9		658
1998 YC ₁	1998 12	22.31579	06 10	51.94	+17 17 37.6	18.6	704	1998 YN ₁	1999 01	24.23659	04 26	41.83	+33 04 50.8		658
1998 YC ₁	1998 12	22.33875	06 10	50.73	+17 17 38.2	19.2	704	1998 YO ₁	1998 12	08.26192	03 55	23.47	+20 04 42.2	17.7 R	699
1998 YC ₁	1998 12	22.36156	06 10	49.46	+17 17 38.3	19.2	704	1998 YO ₁	1998 12	08.28740	03 55	21.91	+20 04 43.9		699
1998 YC ₁	1998 12	22.38426	06 10	48.33	+17 17 40.0	19.2	704	1998 YO ₁	1998 12	08.31288	03 55	20.41	+20 04 45.7		699
1998 YC ₁	1999 01	13.65799	05 52	54.51	+17 23 46.0		360	1998 YO ₁	1999 01	05.15234	03 41	05.00	+21 01 17.9	19.0 R	699
1998 YC ₁	1999 01	13.66198	05 52	54.34	+17 23 46.3		360	1998 YO ₁	1999 01	05.17271	03 41	04.88	+21 01 21.5		699
1998 YC ₁	1999 01	21.61042	05 48	05.73	+17 30 11.9	18.3 V	360	1998 YO ₁	1999 01	05.19435	03 41	04.80	+21 01 25.9		699
1998 YC ₁	1999 01	21.61493	05 48	05.59	+17 30 12.3		360	1998 YP ₁	1998 12	23.87841	08 04	20.57	+17 35 05.6	18.0	120
1998 YE ₁	1998 12	17.33069	08 19	37.69	+30 21 51.0	17.9 R	699	1998 YP ₁	1998 12	24.03891	08 04	13.37	+17 35 49.1		120
1998 YE ₁	1998 12	17.35110	08 19	36.81	+30 21 55.2		699	1998 YP ₁	1999 01	16.79733	07 40	52.62	+19 50 01.0	18.0	120
1998 YE ₁	1998 12	17.37150	08 19	35.94	+30 21 59.9		699	1998 YP ₁	1999 01	16.81755	07 40	51.23	+19 50 09.1		120
1998 YE ₁	1998 12	17.39912	08 19	34.80	+30 22 07.3	18.3 R	699	1998 YP ₁	1999 01	17.78325	07 39	46.22	+19 56 07.1	17.8	120
1998 YE ₁	1998 12	17.44271	08 19	32.99	+30 22 16.2		699	1998 YP ₁	1999 01	17.80338	07 39	44.71	+19 56 14.8		120
1998 YE ₁	1998 12	17.44595	08 19	32.82	+30 22 17.1		699	1998 YP ₁	1999 01	18.31052	07 39	10.25	+19 59 22.2	18.4	704
1998 YE ₁	1999 01	09.37449	07 56	05.77	+31 32 25.1	17.5 R	699	1998 YP ₁	1999 01	18.33254	07 39	08.67	+19 59 31.4	17.8	704
1998 YE ₁	1999 01	09.39491	07 56	04.17	+31 32 27.5		699	1998 YP ₁	1999 01	18.35620	07 39	06.96	+19 59 40.8	17.8	704
1998 YE ₁	1999 01	09.41536	07 56	02.55	+31 32 29.1		699	1998 YP ₁	1999 01	18.37836	07 39	05.48	+19 59 49.9	17.8	704
1998 YG ₁	1999 01	09.75256	07 59	10.32	+28 25 49.4	17.5 V	888	1998 YP ₁	1999 01	24.76183	07 32	04.43	+20 38 33.1	18.0	120
1998 YG ₁	1999 01	09.75743	07 59	09.95	+28 25 50.2		888	1998 YP ₁	1999 01	24.78491	07 32	02.95	+20 38 41.7		120
1998 YG ₁	1999 01	22.74636	07 43	12.88	+28 59 46.1	17.5 V	888	1998 YP ₁	1999 01	24.81001	07 32	01.29	+20 38 50.7		120
1998 YG ₁	1999 01	22.75169	07 43	12.50	+28 59 46.4		888	1998 YQ ₁	1998 12	01.37788	08 09	12.73	+18 41 15.3	17.7 R	699
1998 YH ₁	1999 01	09.37578	08 02	32.46	+33 02 09.6	18.5 R	699	1998 YQ ₁	1998 12	01.40569	08 09	13.16	+18 41 20.9		699
1998 YH ₁	1999 01	09.39619	08 02	31.40	+33 02 16.7		699	1998 YQ ₁	1998 12	01.43120	08 09	13.53	+18 41 26.9		699
1998 YH ₁	1999 01	09.41666	08 02	30.13	+33 02 23.6		699	1998 YQ ₁	1999 01	16.80202	07 46	59.93	+24 12 19.7	17.1	120
1998 YH ₁	1999 01	09.76809	08 02	10.20	+33 04 21.5	18 V	888	1998 YQ ₁	1999 01	16.82241	07 46	58.70	+24 12 30.3		120
1998 YH ₁	1999 01	09.77868	08 02	09.62	+33 04 25.2		888	1998 YR ₁	1999 01	14.05701	10 55	38.79	+03 47 57.1	18.2	120
1998 YH ₁	1999 01	22.73177													

1998 YB ₂	1999 01	14.47815	09 54 23.66	+13 03 14.2	19.3 V	691	1998 YE ₃	1999 01	20.28674	07 05 20.39	+20 37 22.3	17.2	704
1998 YB ₂	1999 01	14.49975	09 54 22.89	+13 03 14.6	19.4 V	691	1998 YF ₃	1999 01	05.56708	07 23 02.98	+22 06 05.5		411
1998 YB ₂	1999 01	14.53089	09 54 21.72	+13 03 14.3	19.4 V	691	1998 YF ₃	1999 01	05.58160	07 23 01.95	+22 06 04.8		411
1998 YB ₂	1999 01	18.48190	09 51 48.79	+13 04 44.3	19.3 V	691	1998 YF ₃	1999 01	16.20532	07 11 24.97	+22 02 38.6	17.7	704
1998 YB ₂	1999 01	18.50403	09 51 47.81	+13 04 44.9	19.1 V	691	1998 YF ₃	1999 01	16.22728	07 11 23.56	+22 02 38.9		704
1998 YB ₂	1999 01	18.52543	09 51 46.87	+13 04 45.8	19.2 V	691	1998 YF ₃	1999 01	16.24937	07 11 22.08	+22 02 36.3	18.9	704
1998 YF ₂	1998 11	26.87323	09 19 31.48	+15 47 50.0		327	1998 YF ₃	1999 01	16.27128	07 11 20.69	+22 02 37.6	18.4	704
1998 YF ₂	1998 11	26.88734	09 19 32.23	+15 47 47.6	19.3	327	1998 YF ₃	1999 01	16.29321	07 11 19.25	+22 02 36.8	19.4	704
1998 YF ₂	1998 11	26.90149	09 19 32.98	+15 47 44.7		327	1998 YF ₃	1999 01	19.20251	07 08 19.19	+22 01 03.6	17.9	704
1998 YF ₂	1999 01	14.35784	09 27 41.47	+16 29 54.2	17.5 R	699	1998 YF ₃	1999 01	19.22493	07 08 17.90	+22 01 06.1	18.7	704
1998 YF ₂	1999 01	14.37823	09 27 40.58	+16 30 00.4		699	1998 YF ₃	1999 01	19.24706	07 08 16.44	+22 01 03.0	18.8	704
1998 YF ₂	1999 01	14.39792	09 27 39.84	+16 30 05.5		699	1998 YF ₃	1999 01	19.26935	07 08 14.97	+22 01 03.3		704
1998 YG ₂	1999 01	13.45042	09 24 14.24	+15 07 37.2	18.3 V	691	1998 YG ₃	1999 01	05.57069	07 25 53.40	+25 37 18.5		411
1998 YG ₂	1999 01	13.47374	09 24 12.95	+15 07 38.1	18.4 V	691	1998 YG ₃	1999 01	05.58523	07 25 52.58	+25 37 22.1		411
1998 YG ₂	1999 01	13.49577	09 24 11.74	+15 07 39.0	18.4 V	691	1998 YG ₃	1999 01	16.20604	07 16 04.47	+26 23 06.9	17.6	704
1998 YG ₂	1999 01	18.28961	09 19 40.97	+15 12 07.5	18.5 V	691	1998 YG ₃	1999 01	16.22801	07 16 03.26	+26 23 12.1		704
1998 YG ₂	1999 01	18.31109	09 19 39.62	+15 12 09.0	18.4 V	691	1998 YG ₃	1999 01	16.25009	07 16 02.05	+26 23 16.9	18.0	704
1998 YG ₂	1999 01	18.33261	09 19 38.27	+15 12 10.5	18.5 V	691	1998 YG ₃	1999 01	16.27200	07 16 00.75	+26 23 22.7	18.4	704
1998 YG ₂	1999 01	23.41601	09 14 17.80	+15 18 48.5	18.2 V	691	1998 YG ₃	1999 01	16.46652	07 15 50.25	+26 24 08.3		411
1998 YG ₂	1999 01	23.43747	09 14 16.34	+15 18 50.2	18.2 V	691	1998 YG ₃	1999 01	16.48468	07 15 49.22	+26 24 12.9		411
1998 YG ₂	1999 01	23.45879	09 14 14.91	+15 18 51.9	18.1 V	691	1998 YG ₃	1999 01	19.20207	07 13 22.80	+26 34 40.5		704
1998 YH ₂	1999 01	14.35784	09 26 44.27	+14 55 18.8	18.7 R	699	1998 YG ₃	1999 01	19.22449	07 13 21.54	+26 34 45.8	18.1	704
1998 YH ₂	1999 01	14.37823	09 26 43.24	+14 55 19.3		699	1998 YG ₃	1999 01	19.24662	07 13 20.36	+26 34 52.1		704
1998 YH ₂	1999 01	14.39792	09 26 42.28	+14 55 18.3		699	1998 YG ₃	1999 01	19.26892	07 13 19.19	+26 34 56.8		704
1998 YH ₂	1999 01	15.44994	09 25 49.75	+14 55 02.8	18.3 V	691	1998 YG ₃	1999 01	19.29105	07 13 17.94	+26 35 01.1	18.1	704
1998 YH ₂	1999 01	15.47154	09 25 48.65	+14 55 02.6	18.3 V	691	1998 YH ₃	1998 12	01.37534	07 56 13.57	+19 54 17.1	17.2 R	699
1998 YH ₂	1999 01	15.49308	09 25 47.54	+14 55 02.0	18.4 V	691	1998 YH ₃	1998 12	01.40315	07 56 13.12	+19 54 13.8		699
1998 YH ₂	1999 01	17.92101	09 23 41.90	+14 54 40.3	18.2	120	1998 YH ₃	1998 12	01.42866	07 56 12.58	+19 54 11.6		699
1998 YH ₂	1999 01	17.94159	09 23 40.73	+14 54 39.9		120	1998 YH ₃	1998 12	01.79009	07 56 06.58	+19 53 28.8		327
1998 YH ₂	1999 01	22.46672	09 19 27.96	+14 54 47.0	18.1 V	691	1998 YH ₃	1998 12	01.80597	07 56 06.26	+19 53 27.2	16.8	327
1998 YH ₂	1999 01	22.48776	09 19 26.74	+14 54 47.4	18.2 V	691	1998 YH ₃	1998 12	01.81440	07 56 06.11	+19 53 26.0		327
1998 YH ₂	1999 01	22.51035	09 19 25.36	+14 54 47.3	18.2 V	691	1998 YH ₃	1999 01	05.59064	07 27 00.99	+19 24 12.8		411
1998 YJ ₂	1999 01	13.45574	09 31 55.25	+15 16 57.6	18.7 V	691	1998 YH ₃	1999 01	05.61072	07 26 59.47	+19 24 12.1		411
1998 YJ ₂	1999 01	13.47906	09 31 54.13	+15 16 59.3	18.8 V	691	1998 YH ₃	1999 01	16.46104	07 13 49.77	+19 22 51.6		411
1998 YJ ₂	1999 01	13.50109	09 31 53.06	+15 17 00.3	18.9 V	691	1998 YH ₃	1999 01	16.47920	07 13 48.43	+19 22 51.4		411
1998 YJ ₂	1999 01	23.42201	09 22 58.16	+15 29 50.8	18.6 V	691	1998 YH ₃	1999 01	18.21551	07 11 46.37	+19 22 38.7	17.3	704
1998 YJ ₂	1999 01	23.44348	09 22 56.82	+15 29 52.9	18.6 V	691	1998 YH ₃	1999 01	18.23765	07 11 44.85	+19 22 38.9		704
1998 YJ ₂	1999 01	23.46479	09 22 55.48	+15 29 55.1	18.6 V	691	1998 YH ₃	1999 01	18.26036	07 11 43.21	+19 22 38.9	17.5	704
1998 YM ₂	1999 01	14.35911	09 35 03.46	+15 08 25.8	18.3 R	699	1998 YH ₃	1999 01	18.28243	07 11 41.64	+19 22 38.9	17.5	704
1998 YM ₂	1999 01	14.37950	09 35 02.37	+15 08 27.3		699	1998 YH ₃	1999 01	18.30446	07 11 40.06	+19 22 39.0	17.0	704
1998 YM ₂	1999 01	14.39919	09 35 01.41	+15 08 28.4		699	1998 YH ₃	1999 01	20.20277	07 09 30.23	+19 22 23.8	17.5	704
1998 YM ₂	1999 01	18.29788	09 31 37.20	+15 12 37.0	17.9 V	691	1998 YH ₃	1999 01	20.22458	07 09 28.66	+19 22 23.0		704
1998 YM ₂	1999 01	18.31936	09 31 36.01	+15 12 38.8	17.8 V	691	1998 YH ₃	1999 01	20.24657	07 09 27.18	+19 22 24.3	16.7	704
1998 YM ₂	1999 01	18.34088	09 31 34.62	+15 12 39.7	18.2 V	691	1998 YH ₃	1999 01	20.26839	07 09 25.67	+19 22 21.1	16.6	704
1998 YM ₂	1999 01	23.42449	09 26 32.70	+15 19 56.1	18.1 V	691	1998 YH ₃	1999 01	20.29098	07 09 24.05	+19 22 21.1	16.8	704
1998 YM ₂	1999 01	23.44595	09 26 31.31	+15 19 58.4	17.9 V	691	1998 YJ ₃	1999 01	05.56345	07 21 09.66	+26 14 00.7		411
1998 YM ₂	1999 01	23.46727	09 26 29.92	+15 20 00.2	17.9 V	691	1998 YJ ₃	1999 01	05.57798	07 21 08.55	+26 14 00.8		411
1998 YM ₂	1999 01	27.96588	09 21 38.16	+15 27 35.9	18.1	120	1998 YJ ₃	1999 01	16.20473	07 07 58.73	+26 07 17.4	18.0	704
1998 YM ₂	1999 01	27.98577	09 21 36.73	+15 27 38.5		120	1998 YJ ₃	1999 01	16.22669	07 07 57.13	+26 07 16.2	18.4	704
1998 YN ₂	1998 11	18.46518	09 23 36.30	+16 16 30.8	19.4 V	691	1998 YJ ₃	1999 01	16.24878	07 07 55.53	+26 07 14.0	18.5	704
1998 YN ₂	1998 11	18.48728	09 23 37.70	+16 16 25.5	19.4 V	691	1998 YJ ₃	1999 01	16.27070	07 07 53.84	+26 07 14.2	18.8	704
1998 YN ₂	1998 11	18.50925	09 23 39.05	+16 16 20.2	19.4 V	691	1998 YJ ₃	1999 01	19.22043	07 04 28.44	+26 03 34.4	18.4	704
1998 YN ₂	1999 01	13.44373	09 43 43.29	+16 47 51.7	18.0 R	699	1998 YJ ₃	1999 01	19.24271	07 04 26.80	+26 03 34.8	19.0	704
1998 YN ₂	1999 01	13.46411	09 43 42.65	+16 47 57.5		699	1998 YJ ₃	1999 01	19.26494	07 04 25.28	+26 03 30.2	18.4	704
1998 YN ₂	1999 01	13.48449	09 43 41.92	+16 48 03.8		699	1998 YK ₃	1999 01	05.56888	07 25 30.67	+23 02 07.1		411
1998 YP ₂	1999 01	22.88108	09 34 34.48	+13 22 47.9	18.4	120	1998 YK ₃	1999 01	05.58341	07 25 29.60	+23 02 08.5		411
1998 YP ₂	1999 01	22.95819	09 34 30.43	+13 22 41.3		120	1998 YK ₃	1999 01	17.47568	07 11 29.11	+23 09 58.0		411
1998 YP ₂	1999 01	23.91006	09 33 39.58	+13 21 15.8	18.6	120	1998 YK ₃	1999 01	17.49024	07 11 28.10	+23 09 57.7		411
1998 YP ₂	1999 01	24.93212	09 32 43.85	+13 19 47.1	18.5	120	1998 YL ₃	1999 01	05.59609	07 31 03.14	+23 20 00.0		411
1998 YP ₂	1999 01	24.95615	09 32 42.42	+13 19 45.6		120	1998 YL ₃	1999 01	05.61620	07 31 02.04	+23 20 02.4		411
1998 YX ₂	1999 01	06.75161	03 39 17.07	+13 40 52.1		557	1998 YL ₃	1999 01	16.49016	07 21 27.21	+23 38 50.5		411
1998 YX ₂	1999 01	06.77505	03 39 17.09	+13 40 49.9		557	1998 YL ₃	1999 01	16.50845	07 21 26.38	+23 38 52.3		411
1998 YX ₂	1999 01	06.77736	03 39 17.08	+13 40 50.0		557	1998 YM ₃	1999 01	05.60159	07 34 36.05	+24 34 05.9		411
1998 YX ₂	1999 01	06.82725	03 39 17.11	+13 40 44.0	19.0 V	557	1998 YM ₃	1999 01	05.62168	07 34 35.41	+24 34 07.6		411
1998 YX ₂	1999 01	17.80091	03 41 37.19	+13 30 20.5	19.3 V	557	1998 YM ₃	1999 01	07.51761	07 33 27.63	+24 36 59.2		411
1998 YX ₂	1999 01	17.82299	03 41 37.71	+13 30 19.5		557	1998 YM ₃	1999 01	07.52727	07 33 27.25	+24 36 59.6		411
1998 YB ₃	1999 01	05.56526	07 21 57.03	+23 20 01.9		411	1998 YM ₃	1999 01	17.48661	07 27 27.62	+24 50 50.8		411
1998 YB ₃	1999 01	05.57979	07 21 56.10	+23 19 59.9		411	1998 YM ₃	1999 01	17.50116	07 27 27.			

1998 YP ₃	1998 12 25.97891	06 20 43.47	+22 28 22.7	17.5 V	046	1998 YY ₃	1999 01 05.15234	03 42 20.50	+21 41 13.9	17.8 R	699
1998 YP ₃	1998 12 25.98163	06 20 43.29	+22 28 22.4		046	1998 YY ₃	1999 01 05.17271	03 42 20.50	+21 41 19.3		699
1998 YP ₃	1998 12 25.98308	06 20 43.17	+22 28 22.4		046	1998 YY ₃	1999 01 05.19435	03 42 20.38	+21 41 25.4		699
1998 YP ₃	1998 12 25.98456	06 20 43.06	+22 28 21.9		046	1998 YY ₃	1999 01 13.52500	03 43 37.48	+22 21 08.4	18 V	888
1998 YP ₃	1998 12 28.88457	06 17 31.34	+22 21 24.0		046	1998 YY ₃	1999 01 13.53683	03 43 37.65	+22 21 11.7		888
1998 YP ₃	1998 12 28.88606	06 17 31.22	+22 21 23.3		046	1998 YY ₃	1999 01 22.49149	03 47 54.35	+23 06 45.9	18 V	888
1998 YP ₃	1998 12 28.89060	06 17 30.92	+22 21 23.7		046	1998 YY ₃	1999 01 22.50279	03 47 54.73	+23 06 48.9		888
1998 YP ₃	1998 12 28.89469	06 17 30.60	+22 21 23.6		046	1998 YZ ₃	1999 01 05.59972	07 33 55.92	+14 50 39.6		411
1998 YP ₃	1999 01 14.92797	06 00 34.24	+21 39 29.6		046	1998 YZ ₃	1999 01 05.61983	07 33 54.74	+14 50 37.5		411
1998 YP ₃	1999 01 14.93089	06 00 34.07	+21 39 28.7	17.8 R	046	1998 YZ ₃	1999 01 16.49562	07 23 51.04	+14 34 19.0		411
1998 YP ₃	1999 01 14.93390	06 00 33.96	+21 39 29.2		046	1998 YZ ₃	1999 01 16.51392	07 23 50.03	+14 34 18.6		411
1998 YP ₃	1999 01 16.98036	05 58 56.52	+21 34 38.5		046	1998 YZ ₃	1999 01 18.30576	07 22 12.16	+14 32 14.7	17.7	704
1998 YP ₃	1999 01 16.98225	05 58 56.34	+21 34 37.7		046	1998 YZ ₃	1999 01 18.32778	07 22 10.96	+14 32 13.1	17.7	704
1998 YP ₃	1999 01 16.98405	05 58 56.33	+21 34 38.4		046	1998 YZ ₃	1999 01 18.35041	07 22 09.72	+14 32 13.2	18.2	704
1998 YQ ₃	1998 12 15.31160	05 10 49.18	+13 31 14.3	17.7	704	1998 YZ ₃	1999 01 18.37362	07 22 08.44	+14 32 11.1	18.4	704
1998 YQ ₃	1998 12 15.32641	05 10 48.35	+13 31 08.8	17.7	704	1998 YZ ₃	1999 01 18.39556	07 22 07.04	+14 32 09.2	18.5	704
1998 YQ ₃	1998 12 15.34127	05 10 47.53	+13 31 03.3	18.2	704	1998 YZ ₃	1999 01 20.20681	07 20 30.42	+14 30 15.0	17.6	704
1998 YQ ₃	1998 12 15.35602	05 10 46.73	+13 30 59.6	18.4	704	1998 YZ ₃	1999 01 20.22876	07 20 29.22	+14 30 14.1		704
1998 YQ ₃	1998 12 15.37080	05 10 45.75	+13 30 52.3	18.4	704	1998 YZ ₃	1999 01 20.25062	07 20 28.06	+14 30 13.0		704
1998 YQ ₃	1998 12 22.17735	05 04 39.14	+12 50 16.9	17.7	704	1998 YZ ₃	1999 01 20.27314	07 20 26.84	+14 30 11.6		704
1998 YQ ₃	1998 12 22.20025	05 04 37.90	+12 50 09.0	18.3	704	1998 YZ ₃	1999 01 20.29504	07 20 25.54	+14 30 10.7	18.9	704
1998 YQ ₃	1998 12 22.22294	05 04 36.75	+12 50 01.3		704	1998 YA ₄	1999 01 05.59791	07 32 41.13	+20 29 29.1		411
1998 YQ ₃	1998 12 22.24561	05 04 35.54	+12 49 53.4	18.5	704	1998 YA ₄	1999 01 05.61801	07 32 39.92	+20 29 34.1		411
1998 YQ ₃	1998 12 22.26845	05 04 34.45	+12 49 47.0	19.5	704	1998 YA ₄	1999 01 17.48117	07 20 39.02	+21 28 04.1		411
1998 YQ ₃	1999 01 06.79562	04 53 35.27	+11 41 59.2	18.3 V	552	1998 YA ₄	1999 01 17.49571	07 20 38.10	+21 28 08.6		411
1998 YQ ₃	1999 01 06.82634	04 53 34.21	+11 41 54.4		552	1998 YA ₄	1999 01 22.60913	07 15 48.76	+21 51 33.5	17.8 R	426
1998 YQ ₃	1999 01 06.84874	04 53 33.49	+11 41 50.1		552	1998 YA ₄	1999 01 22.62221	07 15 48.05	+21 51 35.9	18.0 R	426
1998 YQ ₃	1999 01 11.80541	04 51 16.23	+11 28 05.0	18.4 V	552	1998 YA ₄	1999 01 22.63490	07 15 47.33	+21 51 39.7	18.7 V	426
1998 YQ ₃	1999 01 11.83311	04 51 15.53	+11 28 00.8		552	1998 YA ₄	1999 01 24.50875	07 14 08.55	+21 59 44.0	17.0 R	426
1998 YQ ₃	1999 01 15.79854	04 49 55.31	+11 19 45.3	18.5 V	552	1998 YA ₄	1999 01 24.52152	07 14 07.85	+21 59 47.5	17.9 R	426
1998 YQ ₃	1999 01 15.83815	04 49 54.57	+11 19 40.7		552	1998 YA ₄	1999 01 24.53399	07 14 07.08	+21 59 51.7	17.1 R	426
1998 YR ₃	1999 01 16.79944	07 43 59.58	+20 05 34.9	18.2	120	1998 YB ₄	1999 01 05.59427	07 30 25.49	+15 50 07.7		411
1998 YR ₃	1999 01 16.81999	07 43 58.49	+20 05 42.7		120	1998 YB ₄	1999 01 05.61434	07 30 23.88	+15 50 05.2		411
1998 YR ₃	1999 01 17.80984	07 43 01.99	+20 11 50.5	18.0	120	1998 YB ₄	1999 01 16.48655	07 17 24.93	+15 36 28.2		411
1998 YR ₃	1999 01 17.82650	07 43 00.96	+20 11 56.0		120	1998 YB ₄	1999 01 16.50476	07 17 23.62	+15 36 28.3		411
1998 YT ₃	1998 12 15.46208	07 33 28.39	+18 55 28.1	17.6	704	1998 YC ₄	1999 01 05.60348	07 34 29.09	+18 44 09.2		411
1998 YT ₃	1998 12 15.47680	07 33 27.75	+18 55 28.8	17.8	704	1998 YC ₄	1999 01 05.62350	07 34 27.83	+18 44 17.4		411
1998 YT ₃	1998 12 15.49160	07 33 27.21	+18 55 29.8	17.8	704	1998 YC ₄	1999 01 16.49381	07 22 59.87	+20 04 00.2		411
1998 YT ₃	1998 12 15.50637	07 33 26.58	+18 55 31.4	18.4	704	1998 YC ₄	1999 01 16.51211	07 22 58.63	+20 04 07.5		411
1998 YT ₃	1998 12 15.52116	07 33 26.06	+18 55 33.2	18.5	704	1998 YC ₄	1999 01 18.30505	07 21 08.44	+20 17 05.1	17.8	704
1998 YT ₃	1998 12 22.43902	07 28 28.95	+19 06 43.2	17.8	704	1998 YC ₄	1999 01 18.32705	07 21 07.11	+20 17 14.2	18.1	704
1998 YT ₃	1998 12 22.46181	07 28 27.92	+19 06 46.0	17.4	704	1998 YC ₄	1999 01 18.34969	07 21 05.61	+20 17 32.3	17.4	704
1998 YT ₃	1998 12 22.48466	07 28 26.85	+19 06 48.6	17.5	704	1998 YC ₄	1999 01 18.37290	07 21 04.09	+20 17 32.4	18.4	704
1998 YT ₃	1998 12 22.50824	07 28 25.75	+19 06 50.5	18.5	704	1998 YC ₄	1999 01 20.22530	07 19 14.15	+20 30 43.9	15.9	704
1998 YT ₃	1999 01 06.85235	07 15 04.96	+19 38 24.9	17.7	120	1998 YC ₄	1999 01 20.24716	07 19 12.79	+20 30 53.5		704
1998 YT ₃	1999 01 06.87022	07 15 03.96	+19 38 27.6		120	1998 YC ₄	1999 01 20.26897	07 19 11.45	+20 31 02.2	16.2	704
1998 YT ₃	1999 01 06.89934	07 15 02.31	+19 38 31.4		120	1998 YC ₄	1999 01 20.29157	07 19 10.07	+20 31 11.8	16.0	704
1998 YT ₃	1999 01 06.90227	07 15 02.13	+19 38 31.9		120	1998 YD ₄	1999 01 05.60530	07 36 39.96	+17 50 01.1		411
1998 YT ₃	1999 01 09.89785	07 12 15.85	+19 45 13.6	17.7	120	1998 YD ₄	1999 01 05.62530	07 36 38.82	+17 50 03.4		411
1998 YT ₃	1999 01 09.90855	07 12 15.23	+19 45 15.2		120	1998 YD ₄	1999 01 17.48479	07 26 05.59	+18 12 56.7		411
1998 YT ₃	1999 01 09.91999	07 12 14.64	+19 45 16.9		120	1998 YD ₄	1999 01 17.49933	07 26 04.73	+18 12 59.6		411
1998 YT ₃	1999 01 11.86970	07 10 26.68	+19 49 39.3	17.7	120	1998 YE ₄	1999 01 05.60890	07 38 42.76	+15 00 24.5		411
1998 YT ₃	1999 01 11.88199	07 10 26.01	+19 49 40.9		120	1998 YE ₄	1999 01 05.62889	07 38 41.67	+15 00 22.8		411
1998 YT ₃	1999 01 11.90775	07 10 24.57	+19 49 44.7		120	1998 YE ₄	1999 01 16.50294	07 29 07.35	+14 49 54.4		411
1998 YT ₃	1999 01 11.92220	07 10 23.77	+19 49 46.7		120	1998 YE ₄	1999 01 16.52123	07 29 06.29	+14 49 55.1		411
1998 YT ₃	1999 01 15.76693	07 06 53.81	+19 58 22.1	18.0	120	1998 YE ₄	1999 01 18.30562	07 27 33.11	+14 48 43.4	17.5	704
1998 YT ₃	1999 01 15.77576	07 06 53.37	+19 58 23.3		120	1998 YE ₄	1999 01 18.32763	07 27 31.94	+14 48 43.3	18.2	704
1998 YT ₃	1999 01 15.78466	07 06 52.90	+19 58 25.0		120	1998 YE ₄	1999 01 18.37347	07 27 29.30	+14 48 39.5	18.4	704
1998 YT ₃	1999 01 19.77325	07 03 22.33	+20 07 12.3	17.9	120	1998 YE ₄	1999 01 18.39541	07 27 28.19	+14 48 39.5	18.6	704
1998 YT ₃	1999 01 19.78385	07 03 21.75	+20 07 13.6		120	1998 YE ₄	1999 01 20.20856	07 25 55.30	+14 47 33.6	18.0	704
1998 YT ₃	1999 01 21.82097	07 01 38.31	+20 11 38.1	18.1	120	1998 YE ₄	1999 01 20.23054	07 25 54.07	+14 47 33.1	17.8	704
1998 YT ₃	1999 01 21.83412	07 01 37.66	+20 11 40.2		120	1998 YE ₄	1999 01 20.25238	07 25 53.06	+14 47 32.8	17.9	704
1998 YT ₃	1999 01 23.78539	07 00 01.93	+20 15 49.0	18.1	120	1998 YE ₄	1999 01 20.29683	07 25 50.59	+14 47 31.5	17.9	704
1998 YT ₃	1999 01 23.79629	07 00 01.38	+20 15 50.1		120	1998 YF ₄	1999 01 05.60709	07 37 29.19	+17 04 09.8		411
1998 YU ₃	1999 01 16.78626	07 29 16.48	+25 40 24.2	18.0	120	1998 YF ₄	1999 01 05.62708	07 37 27.92	+17 04 17.8		411
1998 YU ₃	1999 01 16.80593	07 29 15.21	+25 40 32.8		120	1998 YF ₄	1999 01 17.48298	07 25 02.66	+18 22 54.5		411
1998 YV ₃	1999 01 05.85866	06 54 21.68	+20 30 39.6		557	1998 YH ₄	1999 01 17.49752	07 25 01.73	+18 22 59.5		411
1998 YV ₃	1999 01 05.86097	06 54 21.53	+20 30 39.8		557	1998 YH ₄	1999 01 09.53583	04 02 57.88	+12 27 19.0	18.6 R	426
1998 YV ₃	1999 01 05.86332	06 54 21.46	+20 30 39.7		557	1998 YH ₄	1999 01 09.54625	04 02 57.71	+12 27 21.7		426
1998 YV ₃	1999 01 05.94564	06 54 16.83	+20 30 49.5	I	557	1998 YH ₄	1999 01 12.52763	04 02 10.55	+12 40 35.9	18.5 R	426
1998 YV ₃	1999 01 07.09476	06 53 14.24	+20 33 04.2		557	1998 YH ₄	1999 01 12.53363	04 02 10.47	+12 40 37.8	18.8 R	426
1998 YV ₃	1999 01 07.09685	06 53 14.13	+20 33 04.7		557	1998 YJ ₄	1999 01 09.58407	06 44 59.			

1998 YM ₄	1999 01 05.51079	05 24 54.78	+33 27 00.7		867	1998 YR ₅	1999 01 20.33138	07 59 23.56	+19 17 32.8	18.4	704
1998 YM ₄	1999 01 05.51825	05 24 53.88	+33 26 52.5	19.0 V	402	1998 YR ₅	1999 01 20.35343	07 59 22.20	+19 17 31.1	20.1	704
1998 YM ₄	1999 01 05.51984	05 24 53.60	+33 26 50.0		402	1998 YR ₅	1999 01 20.75564	07 58 59.21	+19 16 37.4	18.2	120
1998 YM ₄	1999 01 05.52144	05 24 53.41	+33 26 47.5		402	1998 YR ₅	1999 01 20.78464	07 58 57.49	+19 16 33.4		120
1998 YM ₄	1999 01 08.23605	05 20 17.97	+32 36 04.6		658	1998 YS ₅	1998 12 10.41462	08 31 23.47	+18 57 40.6	17.4 V	691
1998 YM ₄	1999 01 08.24466	05 20 17.18	+32 35 55.5		658	1998 YS ₅	1998 12 10.43677	08 31 23.07	+18 57 46.4	17.5 V	691
1998 YM ₄	1999 01 08.24920	05 20 16.75	+32 35 51.0		658	1998 YS ₅	1998 12 10.45974	08 31 22.82	+18 57 52.2	17.4 V	691
1998 YM ₄	1999 01 09.45727	05 18 37.82	+32 15 29.0		411	1998 YS ₅	1998 12 16.32933	08 29 41.19	+19 24 32.6	17.1 R	699
1998 YM ₄	1999 01 09.46710	05 18 36.99	+32 15 20.0		411	1998 YS ₅	1998 12 16.35485	08 29 40.56	+19 24 40.0		699
1998 YM ₄	1999 01 09.47691	05 18 36.22	+32 15 10.3		411	1998 YS ₅	1998 12 16.38039	08 29 39.95	+19 24 46.7		699
1998 YN ₄	1998 12 22.06217	03 56 39.25	+36 39 08.0	17.5	704	1998 YS ₅	1999 01 06.39661	08 17 02.25	+21 26 33.4	16.7 R	699
1998 YN ₄	1998 12 22.08489	03 56 38.37	+36 38 54.5	17.5	704	1998 YS ₅	1999 01 06.41713	08 17 01.20	+21 26 42.0		699
1998 YN ₄	1998 12 22.10754	03 56 37.54	+36 38 39.7	17.5	704	1998 YS ₅	1999 01 06.43762	08 17 00.23	+21 26 49.1		699
1998 YN ₄	1998 12 22.13022	03 56 36.46	+36 38 25.9	17.1	704	1998 YS ₅	1999 01 09.50766	08 14 30.11	+21 26 32.0		411
1998 YN ₄	1998 12 23.26193	03 55 53.22	+36 26 32.9	17.3	704	1998 YS ₅	1999 01 09.51249	08 14 29.89	+21 26 33.3		411
1998 YN ₄	1998 12 23.26892	03 55 53.02	+36 26 28.4		704	1998 YS ₅	1999 01 10.26583	08 13 51.83	+21 51 24.6	16.8 V	691
1998 YN ₄	1998 12 23.27585	03 55 52.69	+36 26 24.0		704	1998 YS ₅	1999 01 10.30205	08 13 49.94	+21 51 38.6	16.7 V	691
1998 YN ₄	1998 12 23.28278	03 55 52.36	+36 26 19.5		704	1998 YS ₅	1999 01 10.32462	08 13 48.77	+21 51 47.4	16.9 V	691
1998 YN ₄	1998 12 23.28972	03 55 52.15	+36 26 15.0		704	1998 YS ₅	1999 01 18.50077	08 06 40.14	+22 43 57.5		411
1998 YN ₄	1999 01 08.19213	03 50 50.50	+33 43 44.7	17.4	704	1998 YS ₅	1999 01 18.50813	08 06 39.76	+22 44 00.7		411
1998 YN ₄	1999 01 08.21567	03 50 50.49	+33 43 31.2	17.7	704	1998 YS ₅	1999 01 15.22694	07 09 43.59	+25 33 18.2	17.3 R	684
1998 YN ₄	1999 01 08.22752	03 50 50.32	+33 43 22.2	17.7	704	1998 YS ₅	1999 01 15.23024	07 09 43.41	+25 33 18.6		684
1998 YN ₄	1999 01 08.23881	03 50 50.37	+33 43 17.2	17.7	704	1998 YS ₅	1999 01 16.27009	07 08 48.41	+25 35 00.7		684
1998 YO ₄	1999 01 02.25898	03 23 25.84	+30 55 54.3		658	1998 YS ₅	1999 01 16.27397	07 08 48.17	+25 35 01.3	17.4 R	684
1998 YO ₄	1999 01 23.12589	03 21 22.40	+30 01 51.4		711	1998 YS ₅	1999 01 15.23732	07 11 45.97	+19 10 10.9		I 684
1998 YO ₄	1999 01 23.13893	03 21 22.70	+30 01 50.5		711	1998 YS ₅	1999 01 15.24100	07 11 45.72	+19 10 10.7		I 684
1998 YO ₄	1999 01 24.13034	03 21 47.27	+30 00 32.4		658	1998 YS ₅	1999 01 16.27991	07 10 38.16	+19 06 48.6	17.8 R	684
1998 YO ₄	1999 01 24.14108	03 21 47.47	+30 00 31.5		658	1998 YS ₅	1999 01 16.28352	07 10 37.94	+19 06 48.3		684
1998 YO ₄	1999 01 24.14795	03 21 47.72	+30 00 30.7		658	1998 YS ₅	1999 01 15.94706	06 18 57.38	+27 56 03.0		595
1998 YP ₄	1999 01 15.15760	04 55 08.70	-09 56 19.7	18.4 R	703	1998 YS ₅	1999 01 15.97209	06 18 55.97	+27 55 57.7		595
1998 YP ₄	1999 01 15.17891	04 55 08.35	-09 56 05.5		703	1998 YS ₅	1999 01 19.95750	06 15 37.88	+27 42 37.3		595
1998 YR ₄	1998 12 29.04005	07 29 08.64	+36 05 38.0	18.4 V	046	1998 YS ₅	1999 01 19.98341	06 15 36.64	+27 42 32.1		595
1998 YR ₄	1998 12 29.04174	07 29 08.48	+36 05 38.6		046	1998 YS ₅	1999 01 05.78970	03 59 46.59	+14 25 11.1	18.2	120
1998 YR ₄	1998 12 29.04322	07 29 08.43	+36 05 39.1		046	1998 YS ₅	1999 01 05.81037	03 59 46.10	+14 25 12.1		120
1998 YR ₄	1998 12 29.04464	07 29 08.35	+36 05 39.7		046	1998 YS ₅	1999 01 05.83708	03 59 45.49	+14 25 13.4		120
1998 YR ₄	1999 01 18.94330	07 07 49.18	+37 12 07.1	18.4 R	046	1998 YS ₅	1999 01 06.73812	03 59 28.66	+14 26 10.1	18.4	120
1998 YR ₄	1999 01 18.94524	07 07 48.94	+37 12 07.0		046	1998 YS ₅	1999 01 06.82514	03 59 26.95	+14 26 16.0		120
1998 YR ₄	1999 01 18.94704	07 07 48.90	+37 12 06.7		046	1998 YS ₅	1999 01 07.20318	03 59 20.37	+14 26 41.9	18.9 R	699
1998 YR ₄	1999 01 20.12168	07 06 39.42	+37 13 40.5	18.2 R	046	1998 YS ₅	1999 01 07.23153	03 59 19.76	+14 26 44.4		699
1998 YR ₄	1999 01 20.12321	07 06 39.32	+37 13 40.5		046	1998 YS ₅	1999 01 07.25701	03 59 19.26	+14 26 45.4		699
1998 YR ₄	1999 01 20.12483	07 06 39.23	+37 13 40.9		046	1998 YS ₅	1998 11 24.19762	04 08 57.91	+23 52 24.5	18.1	704
1998 YB ₅	1999 01 23.42201	09 22 57.99	+15 25 23.4	21.6 V	691	1998 YS ₅	1998 11 24.24584	04 08 55.15	+23 52 04.1	19.7	704
1998 YB ₅	1999 01 23.44348	09 22 56.74	+15 25 24.4	21.3 V	691	1998 YS ₅	1998 11 24.34202	04 08 49.64	+23 51 30.8	19.6	704
1998 YB ₅	1999 01 23.46480	09 22 55.51	+15 25 25.6	21.2 V	691	1998 YS ₅	1998 11 24.39005	04 08 46.66	+23 51 14.9	18.7	704
1998 YF ₅	1999 01 13.44245	09 36 38.77	+17 01 47.0	17.5 R	699	1998 YS ₅	1998 12 11.30557	03 53 34.11	+22 06 45.3	17.8 R	699
1998 YF ₅	1999 01 13.46284	09 36 38.01	+17 01 54.8		699	1998 YS ₅	1998 12 11.32845	03 53 33.00	+22 06 36.6		699
1998 YF ₅	1999 01 13.48322	09 36 37.21	+17 02 01.8		699	1998 YS ₅	1998 12 11.35137	03 53 31.87	+22 06 27.7		699
1998 YF ₅	1999 01 14.35911	09 36 05.83	+17 07 28.8	17.4 R	699	1998 YS ₅	1999 01 05.15743	03 39 29.92	+19 52 35.8	18.5 R	699
1998 YF ₅	1999 01 14.37950	09 36 05.01	+17 07 37.6		699	1998 YS ₅	1999 01 05.17906	03 39 29.54	+19 52 30.8		699
1998 YF ₅	1999 01 14.39919	09 36 04.25	+17 07 44.9		699	1998 YS ₅	1999 01 05.19946	03 39 29.23	+19 52 25.5		699
1998 YH ₅	1998 11 15.32101	05 36 28.04	-17 25 15.7		703	1998 YS ₅	1999 01 06.01730	03 39 15.96	+19 48 58.3	16.6 R	758
1998 YH ₅	1998 11 15.35640	05 36 26.71	-17 25 26.1		703	1998 YS ₅	1999 01 06.02190	03 39 16.03	+19 48 57.6	17.2 R	758
1998 YH ₅	1998 12 23.25374	05 06 03.49	-15 46 10.2	19.0 R	703	1998 YS ₅	1999 01 06.02837	03 39 15.85	+19 48 54.2	16.7 R	758
1998 YH ₅	1998 12 23.26081	05 06 03.37	-15 46 03.3		703	1998 YS ₅	1999 01 07.08640	03 39 00.07	+19 44 34.4	18.5 R	758
1998 YH ₅	1998 12 23.26509	05 06 03.13	-15 46 01.2		703	1998 YS ₅	1999 01 07.10572	03 38 59.64	+19 44 27.3	18.3 R	758
1998 YH ₅	1998 12 24.31924	05 05 14.77	-15 35 43.9	18.7 R	703	1998 YS ₅	1999 01 10.09941	03 38 24.33	+19 32 43.7	18.8 V	691
1998 YH ₅	1998 12 24.32916	05 05 14.31	-15 35 39.6		703	1998 YS ₅	1999 01 10.13223	03 38 23.93	+19 32 37.1	18.9 V	691
1998 YH ₅	1998 12 24.33065	05 05 14.17	-15 35 38.3		703	1998 YS ₅	1999 01 10.16592	03 38 23.58	+19 32 28.8	19.0 V	691
1998 YH ₅	1999 01 19.11924	04 52 43.90	-10 02 18.3	19.2 R	703	1998 YS ₅	1999 01 15.15517	04 51 51.52	-16 39 04.9	18.4 R	703
1998 YH ₅	1999 01 19.15611	04 52 43.55	-10 01 44.9	19.6 R	703	1998 YS ₅	1999 01 15.17891	04 51 51.16	-16 38 51.2		703
1998 YL ₅	1999 01 20.54186	03 39 15.14	+21 41 37.6	18.5 V	888	1998 YS ₅	1999 01 15.20463	05 41 16.44	-14 40 59.8		703
1998 YL ₅	1999 01 20.58428	03 39 16.01	+21 41 44.3		888	1998 YS ₅	1999 01 15.21796	05 41 16.03	-14 40 51.3	18.8 R	703
1998 YN ₅	1999 01 18.49532	07 55 02.68	+22 31 49.5		411	1998 YS ₅	1999 01 15.20463	05 40 21.50	-14 01 10.2		703
1998 YN ₅	1999 01 18.50258	07 55 02.18	+22 31 52.8		411	1998 YS ₅	1999 01 15.21796	05 40 21.01	-14 01 09.9	17.9 R	703
1998 YN ₅	1999 01 19.30097	07 54 13.34	+22 38 11.5	17.7	704	1998 YS ₅	1998 11 18.39749	06 42 13.67	-08 03 58.4		703
1998 YN ₅	1999 01 19.32318	07 54 11.96	+22 38 22.3	18.5	704	1998 YS ₅	1998 11 18.40627	06 42 13.41	-08 04 05.0		703
1998 YN ₅	1999 01 19.36749	07 54 09.16	+22 38 43.3	19.7	704	1998 YS ₅	1998 11 18.41501	06 42 13.28	-08 04 12.8	18.6 R	703
1998 YN ₅	1999 01 19.38954	07 54 07.86	+22 38 54.8	18.8	704	1998 YS ₅	1999 01 15.22059	06 04 26.38	-14 33 06.2	18.2 R	703
1998 YO ₅	1999 01 09.50332	08 02 15.37	+20 26 48.8		411	1998 YS ₅	1999 01 15.22847	06 04 26.03	-14 33 04.3		703
1998 YO ₅	1999 01 09.50354	08 02 15.16	+20 26 48.7		411	1998 YS ₅	1999 01 18.22497	06 02 38.57	-14 22 19.8		703
1998 YO ₅	1999 01 18.31515	07 52 38.72	+20 12 23.6	17.4	704	1998 YS ₅	1999 01 18.23346	06 02 38.30	-14 22 17.7		703
1998 YO ₅	1999 01 18.33782	07 52 37.15	+20 12 22.0	1							

1998 YW ₆	1999 01 05.86300	03 49 31.29	+28 27 35.0	595	1998 YM ₇	1998 11 16.49101	06 00 56.78	+44 59 26.9	19.0	704
1998 YW ₆	1999 01 05.88976	03 49 30.90	+28 27 31.8	595	1998 YM ₇	1998 12 12.25256	05 29 50.75	+45 13 05.2	18.0	704
1998 YW ₆	1999 01 09.84196	03 48 34.12	+28 20 17.6	595	1998 YM ₇	1998 12 12.26664	05 29 49.63	+45 13 01.0		704
1998 YW ₆	1999 01 09.86545	03 48 33.87	+28 20 15.3	595	1998 YM ₇	1998 12 12.28068	05 29 48.23	+45 12 59.1		704
1998 YW ₆	1999 01 09.89571	03 48 33.40	+28 20 12.8	595	1998 YM ₇	1998 12 12.29466	05 29 46.94	+45 12 56.9	17.6	704
1998 YW ₆	1999 01 09.90547	03 48 33.37	+28 20 10.3	595	1998 YM ₇	1998 12 12.30852	05 29 45.68	+45 12 53.9	17.7	704
1998 YW ₆	1999 01 13.84892	03 47 51.22	+28 13 22.4	595	1998 YM ₇	1999 01 09.06108	04 58 17.21	+42 01 14.5	17.5	726
1998 YW ₆	1999 01 13.90553	03 47 50.73	+28 13 16.6	595	1998 YM ₇	1999 01 09.15010	04 58 13.48	+42 00 26.0	17.3	726
1998 YW ₆	1999 01 23.73896	03 47 10.26	+27 58 34.1	595	1998 YM ₇	1999 01 12.15588	04 56 24.06	+41 32 49.5	18.0	726
1998 YW ₆	1999 01 23.86102	03 47 10.21	+27 58 24.5	595	1998 YM ₇	1999 01 12.18779	04 56 22.83	+41 32 34.6	17.3	726
1998 YY ₆	1999 01 04.96247	07 08 24.84	+16 25 20.6	595	1998 YM ₇	1999 01 26.05799	04 52 47.60	+39 25 03.9	17.7	726
1998 YY ₆	1999 01 04.99005	07 08 23.24	+16 25 21.2	595	1998 YM ₇	1999 01 26.09265	04 52 47.61	+39 24 46.3	17.8	726
1998 YY ₆	1999 01 05.93177	07 07 28.53	+16 25 45.9	595	1998 YN ₇	1998 12 15.37675	05 32 58.01	+14 04 37.3	17.4	704
1998 YY ₆	1999 01 05.95388	07 07 27.19	+16 25 46.8	595	1998 YN ₇	1998 12 15.39173	05 32 57.09	+14 04 30.3		704
1998 YY ₆	1999 01 22.01635	06 52 28.07	+16 38 20.7	595	1998 YN ₇	1998 12 15.40654	05 32 56.21	+14 04 24.6	18.0	704
1998 YY ₆	1999 01 22.05228	06 52 26.18	+16 38 21.8	595	1998 YN ₇	1998 12 15.42140	05 32 55.17	+14 04 17.5		704
1998 YY ₆	1999 01 23.93566	06 50 52.70	+16 40 22.0	595	1998 YN ₇	1998 12 15.43626	05 32 54.33	+14 04 11.4		704
1998 YY ₆	1999 01 23.94939	06 50 51.98	+16 40 23.2	595	1998 YN ₇	1998 12 22.18659	05 26 12.93	+13 19 24.7	18.2	704
1998 YZ ₆	1998 12 15.25188	04 12 37.81	+13 52 29.2	704	1998 YN ₇	1998 12 22.20948	05 26 11.50	+13 19 16.2	18.6	704
1998 YZ ₆	1998 12 15.26678	04 12 37.18	+13 52 29.4	704	1998 YN ₇	1998 12 22.23216	05 26 10.32	+13 19 07.3	18.6	704
1998 YZ ₆	1998 12 15.28171	04 12 36.26	+13 52 33.9	704	1998 YN ₇	1998 12 22.25483	05 26 08.89	+13 19 01.2	19.3	704
1998 YZ ₆	1998 12 15.29657	04 12 35.51	+13 52 36.6	704	1998 YN ₇	1998 12 22.27770	05 26 07.49	+13 18 50.3	17.9	704
1998 YZ ₆	1998 12 22.06492	04 07 25.54	+14 14 01.5	704	1998 YN ₇	1999 01 05.75971	05 13 38.21	+12 04 05.7		596
1998 YZ ₆	1998 12 22.08763	04 07 24.61	+14 14 06.2	704	1998 YN ₇	1999 01 05.76009	05 13 38.19	+12 04 05.8	17.0	104
1998 YZ ₆	1998 12 22.11027	04 07 23.64	+14 14 11.0	704	1998 YN ₇	1999 01 05.76597	05 13 37.94	+12 04 04.3		104
1998 YZ ₆	1998 12 22.13296	04 07 22.64	+14 14 15.9	704	1998 YN ₇	1999 01 05.77001	05 13 37.76	+12 04 03.9		596
1998 YZ ₆	1998 12 22.15564	04 07 21.51	+14 14 20.4	704	1998 YN ₇	1999 01 05.77066	05 13 37.74	+12 04 02.4		108
1998 YZ ₆	1999 01 05.78081	04 00 11.95	+15 11 57.8	120	1998 YN ₇	1999 01 05.77188	05 13 37.66	+12 04 03.2		104
1998 YZ ₆	1999 01 05.80766	04 00 11.49	+15 12 04.9	120	1998 YN ₇	1999 01 05.77471	05 13 37.69	+12 04 01.6		108
1998 YZ ₆	1999 01 06.78238	03 59 55.76	+15 16 25.4	120	1998 YN ₇	1999 01 05.77853	05 13 37.30	+12 04 02.3		108
1998 YZ ₆	1999 01 06.80031	03 59 55.45	+15 16 30.1	120	1998 YN ₇	1999 01 05.78031	05 13 37.30	+12 04 01.0		596
1998 YZ ₆	1999 01 06.84264	03 59 54.75	+15 16 41.0	120	1998 YN ₇	1999 01 05.78536	05 13 37.29	+12 03 58.1	17.5	108
1998 YZ ₆	1999 01 07.20318	03 59 49.38	+15 18 18.6	699	1998 YN ₇	1999 01 13.81819	05 08 53.59	+11 37 48.4		108
1998 YZ ₆	1999 01 07.23153	03 59 48.97	+15 18 26.5	699	1998 YN ₇	1999 01 13.82954	05 08 53.40	+11 37 46.7	17.5	108
1998 YZ ₆	1999 01 07.25701	03 59 48.54	+15 18 32.1	699	1998 YN ₇	1999 01 15.77431	05 08 03.32	+11 33 10.1		108
1998 YA ₇	1998 12 16.22655	04 12 09.77	+13 37 41.9	699	1998 YN ₇	1999 01 15.78568	05 08 03.15	+11 33 09.0		108
1998 YA ₇	1998 12 16.25203	04 12 08.49	+13 37 50.0	699	1998 YN ₇	1999 01 15.79482	05 08 02.93	+11 33 07.3	17.6	108
1998 YA ₇	1998 12 16.27756	04 12 07.18	+13 37 55.8	699	1998 YN ₇	1999 01 19.76903	05 06 45.10	+11 25 43.4		108
1998 YA ₇	1999 01 05.78081	04 00 36.97	+15 18 14.7	120	1998 YN ₇	1999 01 19.77477	05 06 44.91	+11 25 44.7		108
1998 YA ₇	1999 01 05.80766	04 00 36.53	+15 18 23.4	120	1998 YN ₇	1999 01 19.79586	05 06 44.70	+11 25 41.6	17.8	108
1998 YA ₇	1999 01 06.78238	04 00 21.10	+15 23 50.5	120	1998 YN ₇	1999 01 20.78341	05 06 30.56	+11 24 17.2		108
1998 YA ₇	1999 01 06.80031	04 00 20.81	+15 23 56.7	120	1998 YN ₇	1999 01 20.78928	05 06 30.49	+11 24 16.5		108
1998 YA ₇	1999 01 06.84264	04 00 20.11	+15 24 10.7	120	1998 YN ₇	1999 01 20.79516	05 06 30.38	+11 24 15.5		108
1998 YB ₇	1999 01 03.10726	01 51 01.71	+26 56 02.4	682	1998 YN ₇	1999 01 20.80374	05 06 30.23	+11 24 14.4	18.0	108
1998 YB ₇	1999 01 03.13006	01 51 03.16	+26 55 55.8	682	1998 YO ₇	1999 01 09.58656	04 27 20.55	+21 09 08.0	18.5	888
1998 YB ₇	1999 01 05.10943	01 53 10.29	+26 46 58.2	682	1998 YO ₇	1999 01 09.59591	04 27 20.37	+21 09 11.7		888
1998 YB ₇	1999 01 05.15527	01 53 13.20	+26 46 45.9	682	1998 YP ₇	1999 01 07.50003	04 14 40.02	+14 11 45.2	18.9	428
1998 YB ₇	1999 01 08.12902	01 56 34.52	+26 34 37.1	704	1998 YP ₇	1999 01 07.52669	04 14 39.35	+14 11 53.6	18.8	428
1998 YB ₇	1999 01 08.13980	01 56 35.24	+26 34 36.2	704	1998 YP ₇	1999 01 19.53632	04 12 29.80	+15 13 49.8	18.7	428
1998 YB ₇	1999 01 08.15116	01 56 36.06	+26 34 34.0	704	1998 YP ₇	1999 01 19.55952	04 12 29.63	+15 13 57.9	18.5	428
1998 YB ₇	1999 01 08.16300	01 56 36.90	+26 34 30.7	704	1998 YQ ₇	1999 01 06.34649	07 32 40.05	+68 38 36.0	18.0	699
1998 YB ₇	1999 01 08.17414	01 56 37.64	+26 34 28.7	704	1998 YQ ₇	1999 01 06.35922	07 32 38.15	+68 38 40.5		699
1998 YB ₇	1999 01 09.12950	01 57 44.94	+26 30 53.9	734	1998 YQ ₇	1999 01 06.37204	07 32 36.21	+68 38 44.4		699
1998 YB ₇	1999 01 09.16738	01 57 47.51	+26 30 45.5	734	1998 YQ ₇	1999 01 13.39031	07 15 15.09	+68 57 16.2	18.6	704
1998 YB ₇	1999 01 09.17461	01 57 48.02	+26 30 43.7	734	1998 YQ ₇	1999 01 13.40140	07 15 13.42	+68 57 15.5	18.6	704
1998 YB ₇	1999 01 15.07061	02 05 09.08	+26 12 11.8	682	1998 YQ ₇	1999 01 13.41291	07 15 11.34	+68 57 15.9	18.9	704
1998 YB ₇	1999 01 15.10833	02 05 11.89	+26 12 05.7	682	1998 YQ ₇	1999 01 13.42425	07 15 09.63	+68 57 15.8	18.9	704
1998 YB ₇	1999 01 22.10135	02 14 47.52	+25 57 02.8	682	1998 YR ₇	1999 01 13.43551	07 15 07.56	+68 57 16.6	18.9	704
1998 YB ₇	1999 01 22.17546	02 14 53.78	+25 56 54.7	682	1998 YR ₇	1999 01 14.20678	05 10 04.69	+69 52 18.5		703
1998 YD ₇	1998 12 25.61597	06 48 16.03	+25 37 44.4	365	1998 YR ₇	1999 01 14.22612	05 10 02.38	+69 52 16.0		703
1998 YD ₇	1998 12 25.66354	06 48 13.24	+25 37 48.4	365	1998 YS ₇	1999 01 14.31714	08 26 23.21	+47 50 28.9	17.9	704
1998 YD ₇	1999 01 16.21449	06 27 44.71	+25 56 02.6	704	1998 YS ₇	1999 01 14.34015	08 26 20.16	+47 50 14.5		704
1998 YD ₇	1999 01 16.23645	06 27 43.55	+25 56 02.4	704	1998 YS ₇	1999 01 14.36313	08 26 17.17	+47 50 00.3		704
1998 YD ₇	1999 01 16.25854	06 27 42.44	+25 56 03.1	704	1998 YS ₇	1999 01 14.38604	08 26 14.07	+47 49 46.1		704
1998 YD ₇	1999 01 16.28045	06 27 41.39	+25 56 03.5	704	1998 YS ₇	1999 01 14.41013	08 26 10.86	+47 49 30.0		704
1998 YD ₇	1999 01 19.18986	06 25 21.09	+25 56 26.0	704	1998 YX ₇	1999 01 06.39789	08 02 06.15	+20 43 04.5		699
1998 YD ₇	1999 01 19.21214	06 25 20.02	+25 56 26.8	704	1998 YX ₇	1999 01 06.41841	08 02 04.83	+20 43 14.0		699
1998 YD ₇	1999 01 19.23440	06 25 18.99	+25 56 26.6	704	1998 YX ₇	1999 01 06.44954	08 02 02.93	+20 43 25.2		699
1998 YD ₇	1999 01 19.25665	06 25 17.84	+25 56 27.2	704	1998 YX ₇	1999 01 15.26131	07 52 48.41	+21 47 54.6	17.4	684
1998 YF ₇	1998 12 15.45766	07 02 59.54	+08 54 19.7	704	1998 YX ₇	1999 01 15.26485	07 52 48.18	+21 47 56.1		684
1998 YF ₇	1998 12 15.47239	07 02 58.95	+08 54 18.3	704	1998 YX ₇	1999 01 16.30806	07 51 40.07	+21 55 29.0	17.5	684
1998 YF ₇	1998 12 15.48719	07 02 58.30	+08 54 16.7	704	1998 YX ₇	1999 01 16.31135	07 51 39.86	+21 55 30.5		684
1998 YF ₇	1998 12 15.50194	07 02 57.60	+08 54 14.5	704	1998 YZ ₇	1999 01 13.63594	05 47 28.54	+18 22 03.9		360
1998 YF ₇	1998 12 15.51674	07 02 57.02	+08 54 12.9	704	1998 YZ ₇	1999 01 13.64080	05 47 28.32	+18 22 05.1		360
1998 YF ₇	1998 12 22.31096	06 57 42.91	+08 41							

1998 YC _s	1999 01	08.29486	03 55 12.40	+27 00 57.9	17.7	704	1998 YP _s	1999 01	05.85542	08 08 58.13	+18 39 49.6	18.0	120
1998 YC _s	1999 01	11.23451	03 55 25.94	+26 38 51.2	18.1	704	1998 YP _s	1999 01	05.87660	08 08 57.07	+18 39 54.0		120
1998 YC _s	1999 01	11.24503	03 55 26.27	+26 38 47.6	18.1	704	1998 YP _s	1999 01	05.89987	08 08 55.83	+18 39 59.4		120
1998 YC _s	1999 01	11.26631	03 55 26.42	+26 38 36.4	18.1	704	1998 YP _s	1999 01	06.92078	08 08 02.55	+18 43 31.4	18.2	120
1998 YC _s	1999 01	11.27694	03 55 26.40	+26 38 31.9	18.1	704	1998 YP _s	1999 01	06.94009	08 08 01.52	+18 43 35.1		120
1998 YC _s	1999 01	17.78185	03 56 57.36	+25 54 33.0	16.3 R	046	1998 YP _s	1999 01	06.99236	08 07 58.81	+18 43 46.9		120
1998 YC _s	1999 01	17.78495	03 56 57.41	+25 54 31.9		046	1998 YP _s	1999 01	07.38123	08 07 37.86	+18 45 10.1		691
1998 YC _s	1999 01	17.78645	03 56 57.46	+25 54 31.4		046	1998 YP _s	1999 01	07.40335	08 07 36.68	+18 45 14.6	17.9 V	691
1998 YC _s	1999 01	19.74660	03 57 40.56	+25 42 37.5		046	1998 YP _s	1999 01	07.42559	08 07 35.44	+18 45 18.6	18.1 V	691
1998 YD _s	1998 12	15.45855	07 12 02.61	+20 39 12.3	18.5	704	1998 YP _s	1999 01	15.79767	07 59 45.83	+19 16 03.9	17.8	120
1998 YD _s	1998 12	15.47328	07 12 01.97	+20 39 20.3	18.4	704	1998 YP _s	1999 01	15.82578	07 59 44.21	+19 16 11.4		120
1998 YD _s	1998 12	15.48808	07 12 01.29	+20 39 25.3	18.4	704	1998 YP _s	1999 01	15.85167	07 59 42.72	+19 16 17.8		120
1998 YD _s	1998 12	15.50284	07 12 00.47	+20 39 30.8	19.0	704	1998 YP _s	1999 01	16.82634	07 58 45.90	+19 19 57.9	18.2	120
1998 YD _s	1998 12	15.51762	07 11 59.73	+20 39 39.1	19.3	704	1998 YR _s	1999 01	09.48771	03 29 51.53	+02 17 55.5	18.5	327
1998 YD _s	1998 12	22.43781	07 05 54.69	+21 30 57.2	18.3	704	1998 YR _s	1999 01	09.50284	03 29 51.38	+02 18 00.6		327
1998 YD _s	1998 12	22.46060	07 05 53.22	+21 31 10.4	18.0	704	1998 YR _s	1999 01	09.51780	03 29 51.32	+02 18 05.8		327
1998 YD _s	1998 12	22.48345	07 05 51.95	+21 31 20.0	18.1	704	1998 YR _s	1999 01	10.50933	03 29 47.45	+02 23 29.0		327
1998 YD _s	1998 12	22.50703	07 05 50.32	+21 31 30.1	18.9	704	1998 YR _s	1999 01	10.53309	03 29 47.36	+02 23 36.6	19.4	327
1998 YF _s	1999 01	10.38668	08 29 50.72	+12 02 32.1	17.1 R	699	1998 YR _s	1999 01	10.55716	03 29 47.33	+02 23 45.1		327
1998 YF _s	1999 01	10.41221	08 29 49.49	+12 02 33.5		699	1998 YT _s	1998 12	23.50417	03 43 12.90	+16 42 29.9		327
1998 YF _s	1999 01	10.43778	08 29 48.31	+12 02 35.6		699	1998 YT _s	1998 12	23.52009	03 43 12.48	+16 42 30.6		327
1998 YF _s	1999 01	10.55677	08 29 43.26	+12 02 43.8		411	1998 YT _s	1998 12	23.53622	03 43 11.99	+16 42 32.3	20.5	327
1998 YF _s	1999 01	10.56404	08 29 42.91	+12 02 44.0		411	1998 YT _s	1999 01	04.48047	03 39 02.45	+16 49 33.8		327
1998 YF _s	1999 01	21.51112	08 20 50.99	+12 21 01.7		411	1998 YT _s	1999 01	04.48472	03 39 02.39	+16 49 34.0	17.9	327
1998 YF _s	1999 01	21.51595	08 20 50.74	+12 21 02.6		411	1998 YT _s	1999 01	04.50426	03 39 02.11	+16 49 35.6	18.0	327
1998 YG _s	1999 01	10.38668	08 29 21.43	+12 40 42.6	17.8 R	699	1998 YT _s	1999 01	04.52950	03 39 01.84	+16 49 36.9		327
1998 YG _s	1999 01	10.41221	08 29 19.89	+12 40 46.7		699	1998 YT _s	1999 01	04.54590	03 39 01.61	+16 49 38.0		327
1998 YG _s	1999 01	10.43778	08 29 18.33	+12 40 49.7		699	1998 YT _s	1999 01	04.55008	03 39 01.57	+16 49 38.7		327
1998 YG _s	1999 01	10.55497	08 29 11.78	+12 41 10.7		411	1998 YD _o	1998 12	26.67735	03 42 47.07	+17 21 18.4		327
1998 YG _s	1999 01	10.56223	08 29 11.38	+12 41 11.7		411	1998 YD _o	1998 12	26.69280	03 42 46.60	+17 21 18.5	19.1	327
1998 YG _s	1999 01	21.52157	08 17 33.64	+13 18 43.1		411	1998 YD _o	1998 12	26.70841	03 42 46.22	+17 21 19.0		327
1998 YG _s	1999 01	21.52713	08 17 33.29	+13 18 44.7		411	1998 YD _o	1998 12	26.72406	03 42 45.90	+17 21 18.0		327
1998 YH _s	1999 01	06.03917	08 36 55.37	+14 31 37.1	17.8	120	1998 YG _o	1999 01	05.78264	04 35 43.63	+23 05 48.0	19.0 V	104
1998 YH _s	1999 01	06.06269	08 36 54.20	+14 31 38.1		120	1998 YG _o	1999 01	05.78993	04 35 43.42	+23 05 48.3		104
1998 YH _s	1999 01	10.55858	08 33 17.02	+14 33 47.8		411	1998 YG _o	1999 01	05.79792	04 35 43.20	+23 05 48.8		104
1998 YH _s	1999 01	10.56584	08 33 16.62	+14 33 48.0		411	1998 YG _o	1999 01	06.71007	04 35 22.10	+23 06 10.0	19.0 V	104
1998 YH _s	1999 01	18.42831	08 26 04.15	+14 41 57.5	17.0	704	1998 YG _o	1999 01	06.71701	04 35 21.93	+23 06 10.6		104
1998 YH _s	1999 01	18.45034	08 26 02.84	+14 41 59.6	17.6	704	1998 YG _o	1999 01	06.72407	04 35 21.76	+23 06 11.0		104
1998 YH _s	1999 01	18.47247	08 26 01.50	+14 42 00.7	17.3	704	1998 YJ _o	1998 12	14.40258	09 07 03.02	+23 06 34.8	18.0 R	699
1998 YH _s	1999 01	18.49469	08 26 00.11	+14 42 02.0	17.6	704	1998 YJ _o	1998 12	14.43174	09 07 02.91	+23 06 44.0		699
1998 YH _s	1999 01	18.51671	08 25 58.87	+14 42 03.6	17.2	704	1998 YJ _o	1998 12	14.45726	09 07 02.80	+23 06 53.3		699
1998 YH _s	1999 01	20.31903	08 24 14.07	+14 44 36.6		704	1998 YJ _o	1998 12	21.31028	09 05 57.25	+23 50 12.1	18.2	704
1998 YH _s	1999 01	20.34108	08 24 12.68	+14 44 38.5		704	1998 YJ _o	1998 12	21.32088	09 05 57.16	+23 50 16.8	18.2	704
1998 YH _s	1999 01	20.36333	08 24 11.34	+14 44 40.7	18.4	704	1998 YJ _o	1998 12	21.33149	09 05 56.95	+23 50 21.3	18.2	704
1998 YH _s	1999 01	20.40838	08 24 08.62	+14 44 44.4	18.6	704	1998 YJ _o	1998 12	21.34249	09 05 56.72	+23 50 25.9	19.1	704
1998 YH _s	1999 01	21.52344	08 23 03.35	+14 46 23.6		411	1998 YJ _o	1998 12	21.35332	09 05 56.46	+23 50 30.4	19.4	704
1998 YH _s	1999 01	21.52899	08 23 03.02	+14 46 24.4		411	1998 YJ _o	1998 12	28.94966	09 03 16.46	+24 44 19.1	17.5 V	596
1998 YH _s	1999 01	23.83252	08 20 46.40	+14 50 01.3	17.5	120	1998 YJ _o	1998 12	28.96469	09 03 15.99	+24 44 25.4		596
1998 YH _s	1999 01	23.85375	08 20 45.09	+14 50 03.8		120	1998 YJ _o	1998 12	28.98244	09 03 15.49	+24 44 33.3		596
1998 YK _s	1998 12	16.77686	08 47 42.17	+15 17 07.5		327	1998 YJ _o	1999 01	06.86909	08 58 20.74	+25 52 34.1	17.1 V	596
1998 YK _s	1998 12	16.80573	08 47 41.79	+15 17 10.9	18.4	327	1998 YJ _o	1999 01	06.87939	08 58 20.29	+25 52 38.3		596
1998 YK _s	1998 12	16.82917	08 47 41.56	+15 17 14.1		327	1998 YJ _o	1999 01	06.88969	08 58 19.87	+25 52 43.9		596
1998 YK _s	1999 01	08.32191	08 36 12.13	+16 44 59.0	18.0 V	691	1998 YL _o	1999 01	15.25022	07 13 24.56	+15 47 08.4		684
1998 YK _s	1999 01	08.34387	08 36 10.96	+16 45 06.4	18.1 V	691	1998 YL _o	1999 01	15.25341	07 13 24.38	+15 47 08.3		684
1998 YK _s	1999 01	08.36579	08 36 09.79	+16 45 13.7	18.0 V	691	1998 YL _o	1999 01	16.29425	07 12 28.32	+15 45 24.5		684
1998 YK _s	1999 01	10.56038	08 34 16.10	+16 57 44.7		411	1998 YL _o	1999 01	16.29964	07 12 27.99	+15 45 24.6		684
1998 YK _s	1999 01	10.56765	08 34 15.73	+16 57 47.2		411	1998 YM _o	1999 01	10.11699	11 55 55.23	+03 37 25.2	18.0	120
1998 YK _s	1999 01	13.28377	08 31 45.51	+17 13 59.3	18.1 V	691	1998 YM _o	1999 01	10.13271	11 55 55.92	+03 37 19.4		120
1998 YK _s	1999 01	13.30575	08 31 44.20	+17 14 07.3	18.0 V	691	1998 YM _o	1999 01	13.49955	11 58 00.97	+03 14 33.3	17.8 R	699
1998 YK _s	1999 01	13.33274	08 31 42.60	+17 14 17.2	18.1 V	691	1998 YM _o	1999 01	13.51481	11 58 01.47	+03 14 26.0		699
1998 YK _s	1999 01	21.52525	08 23 24.91	+18 06 30.7		411	1998 YM _o	1999 01	13.53012	11 58 02.02	+03 14 19.3		699
1998 YK _s	1999 01	21.53081	08 23 24.45	+18 06 34.0		411	1998 YM _o	1999 01	14.06992	11 58 20.34	+03 10 48.7	18.2	120
1998 YK _s	1999 01	22.33501	08 22 32.97	+18 11 51.2	17.8 V	691	1998 YM _o	1999 01	14.09479	11 58 21.10	+03 10 38.6		120
1998 YK _s	1999 01	22.35712	08 22 31.50	+18 12 00.0	17.7 V	691	1998 YM _o	1999 01	14.12802	11 58 22.14	+03 10 25.4		120
1998 YK _s	1999 01	22.37925	08 22 30.03	+18 12 08.7	17.7 V	691	1998 YM _o	1999 01	29.13899	12 02 50.88	+01 51 21.6	18.0	120
1998 YL _s	1999 01	05.78435	07 11 41.05	+26 18 42.9	15.0 R	540	1998 YM _o	1999 01	29.16420	12 02 50.87	+01 51 15.9		120
1998 YL _s	1999 01	05.78964	07 11 40.72	+26 18 45.2		540	1998 YN _o	1999 01	14.06663	11 47 38.02	+02 57 23.8	18.0	120
1998 YL _s	1999 01	05.79374	07 11 40.43	+26 18 46.3		540	1998 YN _o	1999 01	14.09169	11 47 38.52	+02 57 15.7		120
1998 YL _s	1999 01	16.20081	06 59 57.04	+27 28 43.0	17.8	704	1998 YN _o	1999 01	14.12516	11 47 39.09	+02		

1998 YQ ₉	1999 01	18.33269	07 40 24.62	+18 15 05.1	18.3	704	1998 YY ₉	1999 01	23.81882	07 58 42.87	+20 28 36.6	120
1998 YQ ₉	1999 01	18.35635	07 40 22.90	+18 15 06.5	18.2	704	1998 YZ ₉	1999 01	14.24633	08 05 30.18	+18 22 31.1	18.2 V 691
1998 YQ ₉	1999 01	18.37850	07 40 21.39	+18 15 07.1	18.3	704	1998 YZ ₉	1999 01	14.26854	08 05 28.80	+18 22 40.3	18.3 V 691
1998 YQ ₉	1999 01	19.81567	07 38 43.21	+18 18 04.6	18.0	120	1998 YZ ₉	1999 01	14.29088	08 05 27.65	+18 22 47.7	17.0 V 691
1998 YQ ₉	1999 01	19.83441	07 38 41.88	+18 18 07.3		120	1998 YZ ₉	1999 01	20.78464	07 58 49.85	+19 05 13.2	18.7 V 120
1998 YQ ₉	1999 01	21.84123	07 36 25.10	+18 22 16.9	17.9	120	1998 YD ₁₀	1999 01	04.73874	06 44 34.03	+23 50 21.2	17.3 V 104
1998 YR ₉	1999 01	05.85542	08 07 49.38	+18 38 03.5	18.0	120	1998 YD ₁₀	1999 01	04.74497	06 44 33.69	+23 50 22.0	104
1998 YR ₉	1999 01	05.87660	08 07 48.29	+18 38 07.7		120	1998 YD ₁₀	1999 01	04.74896	06 44 33.48	+23 50 22.4	104
1998 YR ₉	1999 01	05.89987	08 07 47.04	+18 38 11.8		120	1998 YD ₁₀	1999 01	05.84772	06 43 30.56	+23 52 42.5	108
1998 YR ₉	1999 01	06.92078	08 06 54.38	+18 41 26.2	18.0	120	1998 YD ₁₀	1999 01	05.85399	06 43 29.98	+23 52 44.1	108
1998 YR ₉	1999 01	06.94009	08 06 53.36	+18 41 29.5		120	1998 YD ₁₀	1999 01	05.86372	06 43 29.54	+23 52 46.6	17.2 V 108
1998 YR ₉	1999 01	06.99236	08 06 50.61	+18 41 39.8		120	1998 YD ₁₀	1999 01	14.83363	06 35 17.02	+24 10 13.9	17.5 V 104
1998 YR ₉	1999 01	15.85167	07 58 51.99	+19 10 42.9	17.9	120	1998 YD ₁₀	1999 01	14.83709	06 35 16.80	+24 10 14.8	104
1998 YR ₉	1999 01	16.82634	07 57 57.91	+19 13 56.7	17.9	120	1998 YD ₁₀	1999 01	14.84201	06 35 16.54	+24 10 15.1	104
1998 YR ₉	1999 01	16.85085	07 57 56.54	+19 14 01.9		120	1998 YD ₁₀	1999 01	14.84983	06 35 16.21	+24 10 15.6	104
1998 YR ₉	1999 01	17.79112	07 57 04.45	+19 17 08.9	17.8	120	1998 YD ₁₀	1999 01	18.79581	06 31 59.96	+24 16 47.3	17.7 V 104
1998 YR ₉	1999 01	17.81330	07 57 03.16	+19 17 13.4		120	1998 YD ₁₀	1999 01	18.80313	06 31 59.62	+24 16 47.9	104
1998 YR ₉	1999 01	18.31530	07 56 35.11	+19 18 54.6	17.5	704	1998 YD ₁₀	1999 01	18.80938	06 31 59.29	+24 16 48.6	104
1998 YR ₉	1999 01	18.33796	07 56 33.99	+19 18 59.4	18.0	704	1998 YE ₁₀	1999 01	04.71008	06 42 07.70	+25 41 41.2	17.5 V 104
1998 YR ₉	1999 01	18.38312	07 56 31.31	+19 19 07.0	18.2	704	1998 YE ₁₀	1999 01	04.71580	06 42 07.28	+25 41 42.6	104
1998 YR ₉	1999 01	18.40516	07 56 29.96	+19 19 11.0	17.7	704	1998 YE ₁₀	1999 01	04.72748	06 42 06.49	+25 41 45.5	104
1998 YR ₉	1999 01	20.30884	07 54 44.81	+19 25 29.5	18.0	704	1998 YE ₁₀	1999 01	14.81597	06 32 06.03	+26 28 51.9	18.0 V 104
1998 YR ₉	1999 01	20.33094	07 54 43.60	+19 25 33.2	18.1	704	1998 YE ₁₀	1999 01	14.81806	06 32 05.93	+26 28 52.3	104
1998 YR ₉	1999 01	20.35300	07 54 42.31	+19 25 36.8	19.6	704	1998 YE ₁₀	1999 01	14.82153	06 32 05.81	+26 28 52.8	104
1998 YR ₉	1999 01	20.39835	07 54 39.61	+19 25 46.0	19.0	704	1998 YE ₁₀	1999 01	14.82500	06 32 05.67	+26 28 53.9	104
1998 YS ₉	1998 12	23.90487	08 19 15.39	+17 44 14.9	18.2	120	1998 YE ₁₀	1999 01	15.87134	06 31 06.73	+26 33 20.6	108
1998 YS ₉	1998 12	24.06421	08 19 10.08	+17 44 36.8		120	1998 YE ₁₀	1999 01	15.88326	06 31 06.23	+26 33 24.4	18.0 V 108
1998 YS ₉	1999 01	20.75564	07 58 48.24	+19 07 55.5	18.5	120	1998 YE ₁₀	1999 01	18.81679	06 28 26.66	+26 45 27.6	17.7 V 104
1998 YS ₉	1999 01	20.78464	07 58 46.83	+19 08 01.4		120	1998 YE ₁₀	1999 01	18.82153	06 28 26.40	+26 45 28.8	104
1998 YU ₉	1999 01	14.91403	08 05 15.52	+16 01 29.3	17.8	120	1998 YE ₁₀	1999 01	18.82697	06 28 26.13	+26 45 30.2	104
1998 YU ₉	1999 01	14.93432	08 05 14.23	+16 01 39.4		120	1998 YF ₁₀	1999 01	08.09495	03 44 13.67	+26 45 42.8	21.4 V 691
1998 YU ₉	1999 01	14.94914	08 05 13.31	+16 01 46.6		120	1998 YF ₁₀	1999 01	08.10008	03 44 13.96	+26 45 53.0	21.1 V 691
1998 YU ₉	1999 01	15.80833	08 04 20.57	+16 08 05.1	17.6	120	1998 YF ₁₀	1999 01	08.10644	03 44 14.42	+26 46 06.9	20.7 V 691
1998 YU ₉	1999 01	15.86225	08 04 17.13	+16 09 11.7		120	1998 YF ₁₀	1999 01	08.12306	03 44 15.21	+26 46 38.3	21.2 V 691
1998 YU ₉	1999 01	16.83929	08 03 16.45	+16 17 11.2	17.4	120	1998 YF ₁₀	1999 01	08.12720	03 44 15.44	+26 46 47.1	20.8 V 691
1998 YU ₉	1999 01	16.86372	08 03 14.86	+16 17 23.6		120	1998 YF ₁₀	1999 01	08.13153	03 44 15.72	+26 46 54.8	21.4 V 691
1998 YU ₉	1999 01	16.87474	08 03 14.20	+16 17 29.1		120	1998 YF ₁₀	1999 01	08.19955	03 44 19.69	+26 49 01.6	658
1998 YU ₉	1999 01	17.83080	08 02 14.45	+16 25 21.6	17.6	120	1998 YF ₁₀	1999 01	08.20581	03 44 20.04	+26 49 13.8	658
1998 YU ₉	1999 01	17.85167	08 02 13.12	+16 25 32.2		120	1998 YF ₁₀	1999 01	08.21497	03 44 20.63	+26 49 31.3	658
1998 YU ₉	1999 01	18.34260	08 01 41.94	+16 29 38.0	17.9	704	1998 YG ₁₀	1999 01	08.15962	04 03 45.81	+20 05 10.0	21.1 V 691
1998 YU ₉	1999 01	18.36568	08 01 40.54	+16 29 49.9	18.0	704	1998 YG ₁₀	1999 01	08.16716	04 03 46.15	+20 05 17.7	21.2 V 691
1998 YU ₉	1999 01	18.38774	08 01 39.12	+16 29 59.7	17.6	704	1998 YG ₁₀	1999 01	08.17809	04 03 46.70	+20 05 28.9	20.7 V 691
1998 YU ₉	1999 01	18.40979	08 01 37.69	+16 30 09.8	18.4	704	1998 YG ₁₀	1999 01	14.23221	04 09 43.59	+21 47 02.6	20.8 V 691
1998 YU ₉	1999 01	19.82323	08 00 09.09	+16 41 55.5	17.7	120	1998 YG ₁₀	1999 01	14.23682	04 09 43.89	+21 47 06.6	20.7 V 691
1998 YU ₉	1999 01	19.84312	08 00 07.82	+16 42 05.8		120	1998 YG ₁₀	1999 01	14.24091	04 09 44.15	+21 47 10.9	20.8 V 691
1998 YU ₉	1999 01	20.30956	07 59 38.10	+16 46 01.4		704	1998 YG ₁₀	1999 01	17.13776	04 13 06.29	+22 32 46.5	21.7 V 691
1998 YU ₉	1999 01	20.33167	07 59 36.71	+16 46 13.4	18.3	704	1998 YG ₁₀	1999 01	17.14180	04 13 06.56	+22 32 49.8	20.7 V 691
1998 YU ₉	1999 01	20.35373	07 59 35.16	+16 46 23.2	19.8	704	1998 YG ₁₀	1999 01	17.14733	04 13 06.99	+22 32 55.8	20.7 V 691
1998 YU ₉	1999 01	20.39907	07 59 32.33	+16 46 46.4	18.6	704	1998 YH ₁₀	1999 01	10.65199	07 16 42.51	+20 29 43.5	327
1998 YU ₉	1999 01	21.84807	07 58 01.08	+16 58 54.5	17.4	120	1998 YH ₁₀	1999 01	10.67169	07 16 41.16	+20 29 44.5	18.2
1998 YU ₉	1999 01	23.80733	07 55 57.56	+17 15 24.9	17.5	120	1998 YH ₁₀	1999 01	10.69154	07 16 39.80	+20 29 46.0	327
1998 YU ₉	1999 01	23.82161	07 55 56.63	+17 15 32.3		120	1998 YH ₁₀	1999 01	13.62985	07 13 25.11	+20 31 51.0	18.0
1998 YV ₉	1999 01	06.92568	08 13 24.17	+17 33 36.8	18.0	120	1998 YH ₁₀	1999 01	13.65476	07 13 23.45	+20 31 52.5	327
1998 YV ₉	1999 01	06.94556	08 13 23.01	+17 33 40.5		120	1998 YH ₁₀	1999 01	13.67484	07 13 22.08	+20 31 53.4	327
1998 YV ₉	1999 01	06.99824	08 13 19.96	+17 33 47.5		120	1998 YJ ₁₀	1999 01	22.38550	07 45 35.11	+18 47 21.2	17.8 R 684
1998 YV ₉	1999 01	13.33925	08 07 12.41	+17 49 45.6	17.5 V 691		1998 YJ ₁₀	1999 01	22.39064	07 45 34.76	+18 47 20.8	684
1998 YV ₉	1999 01	13.36129	08 07 11.03	+17 49 49.0	17.5 V 691		1998 YJ ₁₀	1999 01	23.36594	07 44 32.66	+18 45 39.7	17.7 R 684
1998 YV ₉	1999 01	13.38334	08 07 09.57	+17 49 52.0	17.2 V 691		1998 YJ ₁₀	1999 01	23.37007	07 44 32.40	+18 45 39.3	684
1998 YV ₉	1999 01	15.80520	08 04 44.58	+17 56 18.5	18.1	120	1998 YK ₁₀	1999 01	16.65058	07 52 33.23	+19 33 12.3	17.2 R 426
1998 YV ₉	1999 01	15.83314	08 04 42.88	+17 56 23.7		120	1998 YK ₁₀	1999 01	16.66686	07 52 32.12	+19 33 11.5	17.5 R 426
1998 YV ₉	1999 01	15.85898	08 04 41.33	+17 56 27.4		120	1998 YK ₁₀	1999 01	17.56870	07 51 34.03	+19 32 38.8	17.8 R 426
1998 YV ₉	1999 01	18.31980	08 02 12.14	+18 03 08.6	17.6	704	1998 YK ₁₀	1999 01	17.58193	07 51 33.23	+19 32 38.4	17.0 R 426
1998 YV ₉	1999 01	18.34246	08 02 10.74	+18 03 13.2	17.8	704	1998 YK ₁₀	1999 01	17.59481	07 51 32.36	+19 32 38.1	17.6 R 426
1998 YV ₉	1999 01	18.36554	08 02 09.27	+18 03 17.7	18.3	704	1998 YK ₁₀	1999 01	22.37210	07 46 27.25	+19 29 29.0	17.9 R 684
1998 YV ₉	1999 01	18.38759	08 02 07.95	+18 03 21.4	18.0	704	1998 YK ₁₀	1999 01	22.37609	07 46 26.97	+19 29 28.9	684
1998 YV ₉	1999 01	18.40964	08 02 06.44	+18 03 22.5	18.4	704	1998 YK ₁₀	1999 01	23.38234	07 45 23.95	+19 28 47.3	17.6 R 684
1998 YV ₉	1999 01	20.30942	08 00 12.14	+18 08 34.5		704	1998 YK ₁₀	1999 01	23.38572	07 45 23.73	+19 28 47.2	684
1998 YV ₉	1999 01	20.33153	08 00 10.81	+18 08 37.9	18.5	704	1998 YN ₁₀	1998 12	29.85344	06 05 20.26	+23 09 16.7	16.9 V 046
1998 YV ₉	1999 01	20.35359	08 00 09.40	+18 08 41.7	20.3	704	1998 YN ₁₀	1998 12	29.85637	06 05 20.13		

1998 YO ₁₀	1999 01	19.25665	06 27 56.39	+25 35 10.5	19.1	704	1998 YB ₁₂	1998 11	28.85351	08 53 51.98	+20 16 34.5	327
1998 YO ₁₀	1999 01	19.27881	06 27 55.38	+25 35 13.1	19.4	704	1998 YB ₁₂	1998 11	28.87039	08 53 52.24	+20 16 35.0	327
1998 YZ ₁₀	1999 01	13.45097	09 25 01.70	+15 30 47.9	19.9 V	691	1998 YB ₁₂	1998 11	28.88461	08 53 52.46	+20 16 35.3	327
1998 YZ ₁₀	1999 01	13.47429	09 25 00.59	+15 30 52.4	20.1 V	691	1998 YB ₁₂	1999 01	07.53504	08 45 01.06	+21 55 26.1	411
1998 YZ ₁₀	1999 01	13.49632	09 24 59.55	+15 30 56.4	20.1 V	691	1998 YB ₁₂	1999 01	07.53987	08 45 00.80	+21 55 28.0	411
1998 YB ₁₁	1999 01	19.91055	09 28 11.12	+14 55 18.7	18.4	120	1998 YC ₁₂	1999 01	10.44586	08 41 10.89	+21 18 58.0	699
1998 YB ₁₁	1999 01	19.97083	09 28 07.88	+14 55 26.0		120	1998 YC ₁₂	1999 01	10.46626	08 41 09.48	+21 18 58.2	699
1998 YB ₁₁	1999 01	20.03509	09 28 04.34	+14 55 32.5		120	1998 YC ₁₂	1999 01	10.48668	08 41 08.12	+21 19 01.1	699
1998 YB ₁₁	1999 01	20.85002	09 27 21.27	+14 56 58.1		120	1998 YC ₁₂	1999 01	10.56954	08 41 03.47	+21 19 07.3	411
1998 YB ₁₁	1999 01	20.87289	09 27 20.15	+14 57 01.0		120	1998 YC ₁₂	1999 01	10.57858	08 41 02.94	+21 19 08.0	411
1998 YB ₁₁	1999 01	23.42340	09 24 58.28	+15 01 55.2	18.6 V	691	1998 YC ₁₂	1999 01	19.20424	08 31 30.39	+21 30 39.4	691
1998 YB ₁₁	1999 01	23.44486	09 24 57.01	+15 01 57.7	18.6 V	691	1998 YC ₁₂	1999 01	19.22662	08 31 28.78	+21 30 41.3	691
1998 YB ₁₁	1999 01	23.46618	09 24 55.74	+15 02 00.2	18.5 V	691	1998 YC ₁₂	1999 01	19.24856	08 31 27.19	+21 30 43.0	691
1998 YB ₁₁	1999 01	27.96588	09 20 28.11	+15 11 33.3	18.8	120	1998 YC ₁₂	1999 01	21.53626	08 28 45.05	+21 33 26.0	411
1998 YB ₁₁	1999 01	27.98577	09 20 26.95	+15 11 36.1		120	1998 YC ₁₂	1999 01	21.54897	08 28 43.99	+21 33 26.9	411
1998 YN ₁₁	1998 12	29.93855	07 22 25.12	+14 58 56.1	17.5 V	046	1998 YE ₁₂	1999 01	10.57497	08 44 46.56	+24 15 52.9	411
1998 YN ₁₁	1998 12	29.94022	07 22 25.05	+14 58 57.5		046	1998 YE ₁₂	1999 01	10.58400	08 44 46.19	+24 15 56.4	411
1998 YN ₁₁	1998 12	29.94333	07 22 24.84	+14 58 56.6		046	1998 YE ₁₂	1999 01	20.65130	08 36 20.49	+25 19 00.7	426
1998 YN ₁₁	1998 12	30.94997	07 21 20.75	+14 56 26.0	18.3 V	046	1998 YE ₁₂	1999 01	20.66515	08 36 19.78	+25 19 05.4	426
1998 YN ₁₁	1998 12	30.95391	07 21 20.49	+14 56 25.8		046	1998 YE ₁₂	1999 01	20.67908	08 36 19.04	+25 19 10.7	426
1998 YN ₁₁	1998 12	30.95578	07 21 20.39	+14 56 24.7		046	1998 YE ₁₂	1999 01	21.54353	08 35 33.50	+25 24 18.6	411
1998 YN ₁₁	1999 01	18.92750	07 01 20.18	+14 23 20.6	17.8 R	046	1998 YE ₁₂	1999 01	21.55625	08 35 32.79	+25 24 22.4	411
1998 YN ₁₁	1999 01	18.92939	07 01 20.05	+14 23 20.5		046	1998 YE ₁₂	1999 01	22.61867	08 34 36.11	+25 30 46.9	426
1998 YN ₁₁	1999 01	18.93179	07 01 19.93	+14 23 20.2		046	1998 YE ₁₂	1999 01	22.63173	08 34 35.42	+25 30 51.2	426
1998 YN ₁₁	1999 01	20.09906	07 00 12.85	+14 22 07.7		046	1998 YE ₁₂	1999 01	22.64443	08 34 34.72	+25 30 55.5	426
1998 YN ₁₁	1999 01	20.10252	07 00 12.68	+14 22 07.0		046	1998 YF ₁₂	1999 01	10.57677	08 45 14.52	+25 13 23.9	411
1998 YN ₁₁	1999 01	23.93653	06 56 44.56	+14 18 45.1	17.8 R	046	1998 YF ₁₂	1999 01	10.58582	08 45 14.11	+25 13 27.5	411
1998 YN ₁₁	1999 01	23.93920	06 56 44.41	+14 18 45.0		046	1998 YG ₁₂	1999 01	10.57315	08 45 14.05	+23 02 13.0	411
1998 YN ₁₁	1999 01	23.94336	06 56 44.17	+14 18 44.3		046	1998 YG ₁₂	1999 01	10.58219	08 45 13.59	+23 02 16.5	411
1998 YP ₁₁	1999 01	12.59865	11 34 49.35	-02 48 39.3	17.9 R	422	1998 YG ₁₂	1999 01	21.54169	08 33 54.29	+24 03 03.4	411
1998 YP ₁₁	1999 01	12.60001	11 34 49.56	-02 48 40.0	18.1 R	422	1998 YG ₁₂	1999 01	21.55441	08 33 53.46	+24 03 08.2	411
1998 YP ₁₁	1999 01	12.60104	11 34 49.73	-02 48 39.6	18.1 R	422	1998 YH ₁₂	1999 01	05.79779	07 14 19.80	+24 01 54.4	557
1998 YP ₁₁	1999 01	16.70078	11 45 54.43	-02 41 26.7	16.8 R	426	1998 YH ₁₂	1999 01	08.75773	07 11 20.73	+23 50 30.0	557
1998 YP ₁₁	1999 01	16.70833	11 45 55.65	-02 41 25.3	17.0 R	426	1998 YH ₁₂	1999 01	08.76764	07 11 20.05	+23 50 28.4	557
1998 YP ₁₁	1999 01	16.71557	11 45 56.83	-02 41 24.2	16.9 R	426	1998 YJ ₁₂	1999 01	05.79069	04 04 13.69	+28 38 50.0	557
1998 YP ₁₁	1999 01	17.78606	11 48 56.24	-02 38 21.0	18.2 V	402	1998 YJ ₁₂	1999 01	05.82311	04 04 12.53	+28 38 48.8	557
1998 YP ₁₁	1999 01	17.78745	11 48 56.50	-02 38 20.5		402	1998 YJ ₁₂	1999 01	08.72484	04 02 41.87	+28 36 56.9	557
1998 YP ₁₁	1999 01	17.78884	11 48 56.70	-02 38 20.5		402	1998 YJ ₁₂	1999 01	08.72681	04 02 41.81	+28 36 56.7	557
1998 YP ₁₁	1999 01	19.13845	11 52 47.38	-02 33 14.0		104	1998 YJ ₁₂	1999 01	08.72878	04 02 41.75	+28 36 56.7	557
1998 YP ₁₁	1999 01	19.14030	11 52 47.71	-02 33 13.6		104	1998 YJ ₁₂	1999 01	08.73869	04 02 41.44	+28 36 56.5	557
1998 YP ₁₁	1999 01	19.14215	11 52 47.99	-02 33 13.1	17.4 V	104	1998 YK ₁₂	1998 12	14.45718	07 41 30.15	+23 52 40.3	18.8
1998 YP ₁₁	1999 01	19.69880	11 54 24.97	-02 30 28.0		428	1998 YK ₁₂	1998 12	14.47912	07 41 28.40	+23 52 26.8	19.5
1998 YP ₁₁	1999 01	19.71693	11 54 27.84	-02 30 23.3		428	1998 YK ₁₂	1998 12	14.50093	07 41 27.06	+23 52 08.6	19.6
1998 YP ₁₁	1999 01	21.79149	12 00 34.76	-02 19 49.2	17.2 V	360	1998 YK ₁₂	1998 12	14.52276	07 41 25.71	+23 51 51.0	19.5
1998 YP ₁₁	1999 01	21.79392	12 00 35.18	-02 19 48.4		360	1998 YK ₁₂	1998 12	17.41940	07 37 57.28	+23 14 10.0	18.5
1998 YP ₁₁	1999 01	21.79601	12 00 35.54	-02 19 47.6		360	1998 YK ₁₂	1998 12	17.44213	07 37 55.53	+23 13 52.4	18.7
1998 YP ₁₁	1999 01	25.47635	12 11 57.74	-01 53 28.9		711	1998 YK ₁₂	1998 12	17.46480	07 37 53.62	+23 13 32.4	19.0
1998 YP ₁₁	1999 01	25.48219	12 11 58.81	-01 53 25.9		711	1998 YK ₁₂	1998 12	17.51080	07 37 50.00	+23 12 56.0	18.8
1998 YP ₁₁	1999 01	26.70503	12 15 55.60	-01 42 12.4	17.3 R	428	1998 YK ₁₂	1998 12	21.70678	07 32 11.96	+22 16 41.9	18.0
1998 YP ₁₁	1999 01	26.71132	12 15 56.78	-01 42 08.7	17.5 R	428	1998 YK ₁₂	1998 12	21.71913	07 32 10.82	+22 16 32.4	327
1998 YQ ₁₁	1999 01	10.71743	12 20 04.38	-27 35 38.3	19.0 R	428	1998 YK ₁₂	1998 12	21.73212	07 32 09.71	+22 16 21.7	327
1998 YQ ₁₁	1999 01	10.72302	12 20 05.52	-27 35 51.6	18.8 R	428	1998 YK ₁₂	1999 01	07.12242	07 06 22.79	+18 26 14.3	17.4 R
1998 YQ ₁₁	1999 01	13.71337	12 30 41.90	-29 32 15.3	18.9 R	428	1998 YK ₁₂	1999 01	07.13417	07 06 21.67	+18 26 04.9	16.9 R
1998 YQ ₁₁	1999 01	13.72257	12 30 43.76	-29 32 36.6	18.8 R	428	1998 YK ₁₂	1999 01	07.14495	07 06 20.63	+18 25 55.2	17.5 R
1998 YQ ₁₁	1999 01	15.73527	12 37 51.53	-30 47 42.6	18.3 R	426	1998 YK ₁₂	1999 01	08.24402	07 04 34.49	+18 10 34.0	16.7 R
1998 YQ ₁₁	1999 01	15.74150	12 37 52.80	-30 47 56.2	18.5 R	426	1998 YK ₁₂	1999 01	08.25094	07 04 33.82	+18 10 28.1	17.0 R
1998 YQ ₁₁	1999 01	15.74749	12 37 54.05	-30 48 09.6	18.5 R	426	1998 YK ₁₂	1999 01	08.25786	07 04 33.12	+18 10 22.4	17.2 R
1998 YQ ₁₁	1999 01	19.72600	12 51 56.45	-33 08 35.2	18.9 R	428	1998 YM ₁₂	1999 01	09.70806	07 39 48.55	+25 07 07.7	18 V
1998 YQ ₁₁	1999 01	19.73214	12 51 57.70	-33 08 47.6	18.7 R	428	1998 YM ₁₂	1999 01	09.71625	07 39 48.01	+25 07 08.8	888
1998 YS ₁₁	1999 01	04.76065	06 40 52.08	+23 32 01.5	18.7 V	104	1998 YM ₁₂	1999 01	22.60483	07 27 43.50	+25 36 31.0	18.5 V
1998 YS ₁₁	1999 01	04.76539	06 40 51.79	+23 32 02.1		104	1998 YM ₁₂	1999 01	22.61596	07 27 42.83	+25 36 33.3	888
1998 YS ₁₁	1999 01	04.77025	06 40 51.47	+23 32 02.9		104	1998 YN ₁₂	1998 12	30.89535	06 17 11.22	+22 11 57.6	046
1998 YS ₁₁	1999 01	14.79722	06 29 53.72	+23 59 01.6	18.7 V	104	1998 YN ₁₂	1998 12	30.89789	06 17 11.07	+22 11 57.7	046
1998 YS ₁₁	1999 01	14.80278	06 29 53.36	+23 59 02.5		104	1998 YN ₁₂	1998 12	30.89905	06 17 10.99	+22 11 57.3	046
1998 YS ₁₁	1999 01	14.80787	06 29 53.03	+23 59 03.1		104	1998 YN ₁₂	1999 01	06.97313	06 09 55.41	+22 11 21.8	17.7 R
1998 YT ₁₁	1999 01	06.74074	06 42 45.21	+23 35 02.1	19.0 V	104	1998 YN ₁₂	1999 01	06.97791	06 09 55.10	+22 11 21.8	046
1998 YT ₁₁	1999 01	06.74653	06 42 44.80	+23 35 02.5		104	1998 YN ₁₂	1999 01	06.98012	06 09 54.97	+22 11 21.9	046
1998 YT ₁₁	1999 01	06.75174	06 42 44.60	+23 35 02.9		104	1998 YN ₁₂	1999 01	14.94582	06 02 41.98	+22 10 07.1	17.8 R
1998 YT ₁₁	1999 01	06.76466	06 42 44.00	+23 35 05.1		104	1998 YN ₁₂	1999 01	14.94873	06 02 41.86	+22 10 07.6	046
1998 YV ₁₁	1999 01	04.50209	06 24 31.12	+27 57 12.5		411	1998 YN ₁₂	1999 01				

1998 YP ₁₂	1999 01	11.20139	08 33 09.29	+18 45 45.6	16.6 V	715	1998 YD ₁₇	1999 01	07.46623	08 40 48.16	+16 30 12.1	19.7 V	691
1998 YP ₁₂	1999 01	11.21715	08 33 08.43	+18 45 48.1	16.7 V	715	1998 YD ₁₇	1999 01	07.49636	08 40 46.70	+16 30 12.5	19.5 V	691
1998 YP ₁₂	1999 01	14.32993	08 30 32.97	+18 53 30.6	17.7 V	691	1998 YD ₁₇	1999 01	07.52648	08 40 45.25	+16 30 12.5	19.7 V	691
1998 YP ₁₂	1999 01	14.35408	08 30 31.70	+18 53 34.3	17.9 V	691	1998 YD ₁₇	1999 01	08.32463	08 40 07.60	+16 30 23.9	19.4 V	691
1998 YP ₁₂	1999 01	14.37621	08 30 30.55	+18 53 37.6	17.8 V	691	1998 YD ₁₇	1999 01	08.34659	08 40 06.49	+16 30 24.7	19.5 V	691
1998 YP ₁₂	1999 01	17.16256	08 28 07.36	+19 00 39.5	16.8 V	715	1998 YD ₁₇	1999 01	08.36851	08 40 05.40	+16 30 24.8	19.5 V	691
1998 YP ₁₂	1999 01	17.17832	08 28 06.54	+19 00 41.4	16.8 V	715	1998 YD ₁₇	1999 01	18.20922	08 31 24.43	+16 35 32.4	19.4 V	691
1998 YP ₁₂	1999 01	17.19383	08 28 05.67	+19 00 45.6	16.7 V	715	1998 YD ₁₇	1999 01	18.23183	08 31 23.11	+16 35 33.7	19.4 V	691
1998 YP ₁₂	1999 01	23.15678	08 22 50.66	+19 15 47.7	16.6 V	715	1998 YD ₁₇	1999 01	18.25343	08 31 21.85	+16 35 34.6	19.5 V	691
1998 YP ₁₂	1999 01	23.16796	08 22 50.04	+19 15 49.8	16.7 V	715	1998 YG ₁₇	1999 01	17.45003	08 34 56.03	+18 00 15.9	19.0 V	691
1998 YP ₁₂	1999 01	23.17837	08 22 49.41	+19 15 51.4	16.9 V	715	1998 YG ₁₇	1999 01	17.47249	08 34 54.85	+18 00 19.9	19.1 V	691
1998 YQ ₁₂	1999 01	07.54470	08 44 40.49	+22 05 16.3		411	1998 YG ₁₇	1999 01	17.49490	08 34 53.66	+18 00 24.0	19.0 V	691
1998 YQ ₁₂	1999 01	07.54793	08 44 40.31	+22 05 17.9		411	1998 YG ₁₇	1999 01	22.34060	08 30 37.02	+18 14 43.6	19.2 V	691
1998 YQ ₁₂	1999 01	07.55115	08 44 40.16	+22 05 19.6		411	1998 YG ₁₇	1999 01	22.36271	08 30 35.79	+18 14 47.4	19.1 V	691
1998 YQ ₁₂	1999 01	21.53807	08 30 50.53	+23 49 00.0		411	1998 YG ₁₇	1999 01	22.38485	08 30 34.58	+18 14 51.2	18.7 V	691
1998 YQ ₁₂	1999 01	21.55079	08 30 49.74	+23 49 05.0		411	1998 YH ₁₇	1999 01	08.32569	08 41 39.86	+16 57 26.5	20.1 V	691
1998 YQ ₁₅	1999 01	18.32429	08 17 16.72	+18 46 37.8	18.0	704	1998 YH ₁₇	1999 01	08.34765	08 41 38.76	+16 57 28.9	19.7 V	691
1998 YQ ₁₅	1999 01	18.34694	08 17 15.09	+18 46 48.5	16.7	704	1998 YH ₁₇	1999 01	08.36957	08 41 37.66	+16 57 30.9	19.6 V	691
1998 YQ ₁₅	1999 01	18.37013	08 17 13.61	+18 46 56.7	17.1	704	1998 YJ ₁₇	1999 01	08.39989	08 44 18.13	+17 18 59.7	20.2 V	691
1998 YQ ₁₅	1999 01	18.39208	08 17 12.17	+18 47 08.7	17.5	704	1998 YJ ₁₇	1999 01	08.42181	08 44 17.15	+17 19 04.4	20.1 V	691
1998 YQ ₁₅	1999 01	18.41411	08 17 10.74	+18 47 17.7	17.6	704	1998 YJ ₁₇	1999 01	08.44393	08 44 16.19	+17 19 08.7	20.2 V	691
1998 YQ ₁₅	1999 01	20.31423	08 15 12.36	+19 01 15.9		704	1998 YJ ₁₇	1999 01	17.45127	08 37 16.31	+17 51 44.7	20.2 V	691
1998 YQ ₁₅	1999 01	20.33630	08 15 10.90	+19 01 26.2		704	1998 YJ ₁₇	1999 01	17.47372	08 37 15.15	+17 51 50.1	20.7 V	691
1998 YQ ₁₅	1999 01	20.35838	08 15 09.45	+19 01 35.4	18.3	704	1998 YJ ₁₇	1999 01	17.49614	08 37 14.13	+17 51 56.4	19.7 V	691
1998 YQ ₁₅	1999 01	20.38172	08 15 07.94	+19 01 46.5	19.3	704	1998 YK ₁₇	1998 12	17.75036	08 58 29.90	+17 01 09.5	18.8	327
1998 YQ ₁₅	1999 01	20.40370	08 15 06.43	+19 01 55.3	18.0	704	1998 YK ₁₇	1998 12	17.76270	08 58 29.57	+17 01 07.4		327
1998 YU ₁₅	1999 01	08.39267	08 33 38.55	+17 20 08.4	19.7 V	691	1998 YK ₁₇	1998 12	17.77613	08 58 29.17	+17 01 04.7		327
1998 YU ₁₅	1999 01	08.41459	08 33 37.55	+17 20 15.9	19.7 V	691	1998 YK ₁₇	1999 01	07.46808	08 43 27.98	+16 13 42.5	18.3 V	691
1998 YU ₁₅	1999 01	08.43671	08 33 36.52	+17 20 22.8	19.5 V	691	1998 YK ₁₇	1999 01	07.49820	08 43 26.16	+16 13 39.5	18.4 V	691
1998 YU ₁₅	1999 01	13.35486	08 29 44.07	+17 49 16.8	19.7 V	691	1998 YK ₁₇	1999 01	07.52831	08 43 24.33	+16 13 36.6	18.3 V	691
1998 YU ₁₅	1999 01	13.37689	08 29 42.91	+17 49 24.5	19.7 V	691	1998 YK ₁₇	1999 01	14.38424	08 36 16.77	+16 04 05.0	18.5 V	691
1998 YU ₁₅	1999 01	13.39895	08 29 41.75	+17 49 32.7	19.5 V	691	1998 YK ₁₇	1999 01	14.40595	08 36 15.32	+16 04 03.1	18.4 V	691
1998 YU ₁₅	1999 01	22.40204	08 21 37.86	+18 46 38.3	19.1 V	691	1998 YK ₁₇	1999 01	14.43666	08 36 13.25	+16 04 00.3	18.3 V	691
1998 YU ₁₅	1999 01	22.42406	08 21 36.59	+18 46 47.2	19.2 V	691	1998 YO ₁₇	1999 01	08.40532	08 52 08.10	+17 07 14.8	19.6 V	691
1998 YU ₁₅	1999 01	22.44551	08 21 35.43	+18 46 55.0	18.8 V	691	1998 YO ₁₇	1999 01	08.42724	08 52 07.05	+17 07 18.3	19.4 V	691
1998 YW ₁₅	1999 01	10.36154	08 31 08.88	+16 29 52.4	18.8 V	691	1998 YO ₁₇	1999 01	08.44936	08 52 06.01	+17 07 21.5	19.4 V	691
1998 YW ₁₅	1999 01	10.38340	08 31 07.77	+16 29 53.8	19.6 V	691	1998 YO ₁₇	1999 01	17.45627	08 44 29.66	+17 32 21.5	19.3 V	691
1998 YW ₁₅	1999 01	10.40911	08 31 06.45	+16 29 56.0	19.5 V	691	1998 YO ₁₇	1999 01	17.47872	08 44 28.38	+17 32 25.4	19.5 V	691
1998 YW ₁₅	1999 01	18.20429	08 24 17.94	+16 39 38.0	19.3 V	691	1998 YO ₁₇	1999 01	17.50114	08 44 27.17	+17 32 29.0	20.2 V	691
1998 YW ₁₅	1999 01	18.22691	08 24 16.71	+16 39 40.0	19.6 V	691	1998 YS ₁₇	1999 01	08.26914	08 28 09.87	+19 19 59.2	17.8 V	691
1998 YW ₁₅	1999 01	18.24851	08 24 15.50	+16 39 41.9	19.6 V	691	1998 YS ₁₇	1999 01	08.29144	08 28 08.65	+19 20 10.6	17.7 V	691
1998 YY ₁₅	1999 01	13.93177	08 33 29.95	+17 04 22.2	18.2	120	1998 YS ₁₇	1999 01	08.31380	08 28 07.40	+19 20 21.7	17.8 V	691
1998 YY ₁₅	1999 01	13.96670	08 33 28.30	+17 04 29.9		120	1998 YS ₁₇	1999 01	15.22823	08 21 36.75	+20 18 16.8	17.7 V	691
1998 YY ₁₅	1999 01	14.95648	08 32 41.44	+17 07 50.3	18.2	120	1998 YS ₁₇	1999 01	15.25051	08 21 35.41	+20 18 28.2	17.7 V	691
1998 YY ₁₅	1999 01	14.97256	08 32 40.64	+17 07 53.3		120	1998 YS ₁₇	1999 01	15.27465	08 21 33.96	+20 18 40.4	17.7 V	691
1998 YY ₁₅	1999 01	15.94980	08 31 53.88	+17 11 14.2	18.2	120	1998 YS ₁₇	1999 01	23.23573	08 13 38.14	+21 24 37.8	17.5 V	691
1998 YY ₁₅	1999 01	15.97337	08 31 52.76	+17 11 18.9		120	1998 YS ₁₇	1999 01	23.25830	08 13 36.76	+21 24 48.9	17.5 V	691
1998 YY ₁₅	1999 01	17.83934	08 30 22.00	+17 17 47.1	18.3	120	1998 YS ₁₇	1999 01	23.28078	08 13 35.36	+21 24 59.9	17.5 V	691
1998 YY ₁₅	1999 01	17.85972	08 30 21.13	+17 17 54.1		120	1998 YO ₁₉	1999 01	09.22089	08 06 46.73	+20 55 17.1	20.5 V	691
1998 YY ₁₅	1999 01	23.83803	08 25 22.41	+17 39 07.7	18.4	120	1998 YO ₁₉	1999 01	09.26158	08 06 44.30	+20 55 14.8	20.4 V	691
1998 YY ₁₅	1999 01	23.85925	08 25 21.34	+17 39 12.5		120	1998 YO ₁₉	1999 01	09.29099	08 06 42.56	+20 55 13.9	20.4 V	691
1998 YZ ₁₅	1999 01	07.46295	08 36 04.08	+16 28 12.3	19.4 V	691	1998 YT ₁₉	1999 01	07.26794	08 11 47.74	+22 02 42.2	18.8 V	691
1998 YZ ₁₅	1999 01	07.49308	08 36 02.38	+16 28 13.9	19.4 V	691	1998 YT ₁₉	1999 01	07.28318	08 11 46.82	+22 02 45.0	18.8 V	691
1998 YZ ₁₅	1999 01	07.52320	08 36 00.69	+16 28 16.1	19.6 V	691	1998 YT ₁₉	1999 01	07.29859	08 11 45.89	+22 02 48.7	18.8 V	691
1998 YZ ₁₅	1999 01	13.20009	08 30 30.53	+16 35 36.5	19.5 V	691	1998 YZ ₁₉	1999 01	16.29938	08 07 52.25	+22 03 03.7	19.5 V	691
1998 YZ ₁₅	1999 01	13.22187	08 30 29.13	+16 35 38.5	19.3 V	691	1998 YZ ₁₉	1999 01	16.32254	08 07 50.58	+22 03 05.5	20.8 V	691
1998 YZ ₁₅	1999 01	13.24410	08 30 27.68	+16 35 41.2	19.6 V	691	1998 YZ ₁₉	1999 01	16.34658	08 07 48.90	+22 03 07.6	20.1 V	691
1998 YZ ₁₅	1999 01	18.20490	08 25 10.08	+16 43 45.3	19.2 V	691	1998 YZ ₁₉	1999 01	17.29823	08 06 45.56	+22 04 35.0	19.9 V	691
1998 YZ ₁₅	1999 01	18.22751	08 25 08.55	+16 43 47.8	19.4 V	691	1998 YZ ₁₉	1999 01	17.30233	08 06 45.19	+22 04 36.9	19.3 V	691
1998 YZ ₁₅	1999 01	18.24910	08 25 07.06	+16 43 50.1	19.2 V	691	1998 YZ ₁₉	1999 01	17.30888	08 06 44.84	+22 04 36.1	19.7 V	691
1998 YA ₁₆	1999 01	08.39300	08 34 21.07	+17 22 32.9	18.9 V	691	1998 YH ₂₀	1998 12	12.41380	08 24 15.73	+21 26 14.6	20.2 V	691
1998 YA ₁₆	1999 01	08.41492	08 34 19.76	+17 22 39.9	19.0 V	691	1998 YH ₂₀	1998 12	12.44216	08 24 15.21	+21 26 15.9	20.4 V	691
1998 YA ₁₆	1999 01	08.43703	08 34 18.44	+17 22 46.9	18.8 V	691	1998 YH ₂₀	1998 12	12.46452	08 24 14.80	+21 26 16.4	20.5 V	691
1998 YA ₁₆	1999 01	13.35464	08 29 25.17	+17 50 15.7	18.8 V	691	1998 YH ₂₀	1999 01	07.26721	08 10 43.92	+21 59 34.8	19.9 V	691
1998 YA ₁₆	1999 01	13.37667	08 29 23.83	+17 50 21.2	18.3 V	691	1998 YH ₂₀	1999 01	07.28245	08 10 43.21	+21 59 36.1	20.0 V	691
1998 YA ₁₆	1999 01	13.39873	08 29 22.35	+17 50 30.7	18.7 V	691	1998 YH ₂₀	1999 01					

1998 YL ₂₂	1999 01	09.85552	08 37 37.23	+17 28 19.0	18.5	120	1998 YL ₂₂	1999 01	20.30942	07 55 02.87	+18 06 40.8	18.4	704
1998 YL ₂₁	1999 01	09.87495	08 37 36.14	+17 28 17.8		120	1998 YL ₂₂	1999 01	20.33153	07 55 01.58	+18 06 49.7	19.6	704
1998 YL ₂₁	1999 01	09.93476	08 37 32.84	+17 28 16.5		120	1998 YL ₂₂	1999 01	20.35359	07 55 00.21	+18 07 01.9	19.3	704
1998 YL ₂₁	1999 01	13.93177	08 33 46.32	+17 26 41.3	18.6	120	1998 YL ₂₂	1999 01	24.79081	07 50 43.23	+18 40 32.1	18.0	120
1998 YL ₂₁	1999 01	13.96670	08 33 44.40	+17 26 41.1		120	1998 YL ₂₂	1999 01	06.75316	07 59 44.08	+14 37 15.7		327
1998 YL ₂₁	1999 01	14.95648	08 32 46.11	+17 26 23.3	18.8	120	1998 YL ₂₂	1999 01	06.77453	07 59 42.89	+14 37 24.6	16.3	327
1998 YL ₂₁	1999 01	14.97256	08 32 45.27	+17 26 22.7		120	1998 YL ₂₂	1999 01	06.79521	07 59 41.68	+14 37 32.5		327
1998 YL ₂₁	1999 01	17.83934	08 29 53.24	+17 25 40.8	18.6	120	1998 YL ₂₂	1999 01	10.71611	07 56 06.69	+15 04 04.8	17.6	327
1998 YL ₂₁	1999 01	17.85972	08 29 52.10	+17 25 40.8		120	1998 YL ₂₂	1999 01	10.74064	07 56 05.12	+15 04 14.3		327
1998 YL ₂₁	1999 01	09.85552	08 37 53.43	+17 18 10.4	18.0	120	1998 YL ₂₂	1999 01	10.76517	07 56 03.68	+15 04 24.8		327
1998 YL ₂₁	1999 01	09.87495	08 37 52.29	+17 18 09.2		120	1998 YL ₂₂	1999 01	11.70334	07 55 10.15	+15 11 04.9		327
1998 YL ₂₁	1999 01	09.93476	08 37 48.93	+17 18 05.2		120	1998 YL ₂₂	1999 01	11.72336	07 55 08.94	+15 11 13.5	17.6	327
1998 YL ₂₁	1999 01	13.93177	08 33 57.37	+17 13 29.7		120	1998 YL ₂₂	1999 01	11.74294	07 55 07.77	+15 11 22.0		327
1998 YL ₂₁	1999 01	13.96670	08 33 55.27	+17 13 27.2		120	1998 YL ₂₂	1999 01	18.31559	07 48 38.03	+16 00 46.7	18.1	704
1998 YL ₂₁	1999 01	14.95648	08 32 55.64	+17 12 22.3	18.2	120	1998 YL ₂₂	1999 01	18.33825	07 48 36.47	+16 00 56.6	18.3	704
1998 YL ₂₁	1999 01	14.97256	08 32 54.63	+17 12 21.8		120	1998 YL ₂₂	1999 01	18.36134	07 48 34.91	+16 01 07.1	18.3	704
1998 YL ₂₁	1999 01	15.94980	08 31 55.14	+17 11 19.6	18.0	120	1998 YL ₂₂	1999 01	18.38340	07 48 33.67	+16 01 17.4	19.2	704
1998 YL ₂₁	1999 01	15.97337	08 31 53.79	+17 11 18.4		120	1998 YL ₂₂	1999 01	06.75316	08 00 34.30	+14 24 47.3		327
1998 YL ₂₁	1999 01	18.43150	08 29 20.70	+17 08 47.5	18.4	704	1998 YL ₂₂	1999 01	06.77453	08 00 33.16	+14 24 53.5		327
1998 YL ₂₁	1999 01	18.45354	08 29 19.35	+17 08 46.2	18.3	704	1998 YL ₂₂	1999 01	06.79521	08 00 32.10	+14 25 00.9	15.6	327
1998 YL ₂₁	1999 01	18.47567	08 29 17.96	+17 08 43.6	18.4	704	1998 YL ₂₂	1999 01	10.71611	07 57 06.64	+14 47 16.6		327
1998 YL ₂₁	1999 01	18.49788	08 29 16.53	+17 08 42.8	18.3	704	1998 YL ₂₂	1999 01	10.74064	07 57 05.34	+14 47 24.8	16.3	327
1998 YL ₂₁	1999 01	20.31859	08 27 21.60	+17 06 50.8	18.1	704	1998 YL ₂₂	1999 01	10.76517	07 57 03.91	+14 47 34.2		327
1998 YL ₂₁	1999 01	20.34064	08 27 20.14	+17 06 51.4	18.9	704	1998 YL ₂₂	1999 01	18.31573	07 50 09.87	+15 33 37.7	17.1	704
1998 YL ₂₁	1999 01	20.36289	08 27 18.55	+17 06 50.2	18.9	704	1998 YL ₂₂	1999 01	18.33839	07 50 08.55	+15 33 46.7	17.6	704
1998 YL ₂₁	1999 01	20.38605	08 27 16.97	+17 06 45.9	20.0	704	1998 YL ₂₂	1999 01	18.36149	07 50 07.18	+15 33 57.7	18.0	704
1998 YL ₂₁	1999 01	09.42430	08 42 46.20	+17 49 12.2	19.2 V	691	1998 YL ₂₂	1999 01	18.38355	07 50 06.02	+15 34 03.1	17.8	704
1998 YL ₂₁	1999 01	09.45034	08 42 44.89	+17 49 12.2	19.0 V	691	1998 YL ₂₂	1999 01	18.40559	07 50 04.79	+15 34 11.3	18.2	704
1998 YL ₂₁	1999 01	09.48074	08 42 43.33	+17 49 12.4	18.9 V	691	1998 YL ₂₂	1999 01	20.30494	07 48 19.86	+15 46 12.9		704
1998 YL ₂₁	1999 01	17.45033	08 35 47.78	+17 50 10.7	18.8 V	691	1998 YL ₂₂	1999 01	20.32703	07 48 18.56	+15 46 20.7		704
1998 YL ₂₁	1999 01	17.47279	08 35 46.55	+17 50 11.0	18.9 V	691	1998 YL ₂₂	1999 01	20.34909	07 48 17.28	+15 46 29.9		704
1998 YL ₂₁	1999 01	17.49520	08 35 45.31	+17 50 11.2	19.1 V	691	1998 YL ₂₂	1999 01	20.37151	07 48 16.08	+15 46 37.0	18.6	704
1998 YL ₂₁	1999 01	17.75036	09 00 37.83	+17 20 47.9	19.7	327	1998 YL ₂₂	1999 01	20.39446	07 48 14.66	+15 46 46.4	19.4	704
1998 YL ₂₁	1999 01	17.76210	09 00 37.59	+17 20 49.2		327	1998 YL ₂₂	1999 01	06.76120	08 04 35.75	+15 56 11.6		327
1998 YL ₂₁	1999 01	17.77613	09 00 37.41	+17 20 49.7		327	1998 YL ₂₂	1999 01	06.78251	08 04 34.60	+15 56 23.9	15.6	327
1998 YL ₂₁	1999 01	21.71088	07 32 43.12	+18 33 17.2		327	1998 YL ₂₂	1999 01	06.80328	08 04 33.49	+15 56 34.7		327
1998 YL ₂₁	1999 01	21.72326	07 32 42.52	+18 33 16.6	17.4	327	1998 YL ₂₂	1999 01	13.75557	07 58 24.20	+17 04 43.6	16.4	327
1998 YL ₂₁	1999 01	21.73622	07 32 41.88	+18 33 16.5		327	1998 YL ₂₂	1999 01	13.77521	07 58 23.08	+17 04 55.5		327
1998 YL ₂₁	1999 01	27.71102	07 27 36.08	+18 30 44.0	17.0	327	1998 YL ₂₂	1999 01	13.79579	07 58 21.91	+17 05 07.9		327
1998 YL ₂₁	1999 01	27.71956	07 27 35.63	+18 30 44.1		327	1998 YL ₂₂	1999 01	24.76920	07 48 23.57	+18 54 46.1	17.7	120
1998 YL ₂₁	1999 01	27.72815	07 27 35.09	+18 30 46.2		327	1998 YL ₂₂	1999 01	24.81456	07 48 21.15	+18 55 12.8		120
1998 YL ₂₁	1999 01	05.84352	07 18 59.81	+18 29 23.9		611	1998 YL ₂₂	1999 01	08.24825	04 48 05.71	+25 57 57.6	17.8	704
1998 YL ₂₁	1999 01	05.84780	07 18 59.53	+18 29 24.3		611	1998 YL ₂₂	1999 01	08.26210	04 48 04.96	+25 57 57.7	18.2	704
1998 YL ₂₁	1999 01	05.85122	07 18 59.36	+18 29 24.0		611	1998 YL ₂₂	1999 01	08.29085	04 48 03.74	+25 57 55.4	18.2	704
1998 YL ₂₁	1999 01	06.84062	07 18 01.60	+18 29 23.5		611	1998 YL ₂₂	1999 01	08.30240	04 48 03.13	+25 57 55.4	18.2	704
1998 YL ₂₁	1999 01	06.84618	07 18 01.27	+18 29 23.7		611	1998 YL ₂₂	1999 01	11.24225	04 46 04.02	+25 56 39.4	18.0	704
1998 YL ₂₁	1999 01	06.85139	07 18 00.96	+18 29 23.5		611	1998 YL ₂₂	1999 01	11.25296	04 46 03.68	+25 56 39.4	18.0	704
1998 YL ₂₁	1999 01	14.80463	07 10 19.14	+18 30 04.1		611	1998 YL ₂₂	1999 01	11.27413	04 46 02.69	+25 56 37.5	18.3	704
1998 YL ₂₁	1999 01	14.81065	07 10 18.76	+18 30 03.9		611	1998 YL ₂₂	1999 01	11.28468	04 46 02.33	+25 56 35.3	18.3	704
1998 YL ₂₁	1999 01	18.23373	07 07 07.14	+18 30 37.9	16.9	704	1998 YL ₂₂	1999 01	22.19788	06 00 07.40	+22 20 57.5	17.8	704
1998 YL ₂₁	1999 01	18.25645	07 07 05.72	+18 30 38.7	17.2	704	1998 YL ₂₂	1999 01	22.22066	06 00 05.89	+22 20 53.0	18.3	704
1998 YL ₂₁	1999 01	18.27851	07 07 04.63	+18 30 38.4	17.2	704	1998 YL ₂₂	1999 01	22.24334	06 00 04.32	+22 20 48.8	18.4	704
1998 YL ₂₁	1999 01	18.30047	07 07 03.07	+18 30 41.3	17.9	704	1998 YL ₂₂	1999 01	22.26615	06 00 02.77	+22 20 44.3	18.4	704
1998 YL ₂₁	1999 01	20.20277	07 05 20.74	+18 31 01.5	17.7	704	1998 YL ₂₂	1999 01	22.28890	06 00 01.24	+22 20 39.5		704
1998 YL ₂₁	1999 01	20.22458	07 05 19.42	+18 31 03.4	17.1	704	1998 YL ₂₂	1999 01	16.08660	05 28 45.72	+29 38 43.4	18.7	704
1998 YL ₂₁	1999 01	20.24657	07 05 18.26	+18 31 01.9	17.0	704	1998 YL ₂₂	1999 01	16.10861	05 28 44.69	+29 38 38.4	18.8	704
1998 YL ₂₁	1999 01	20.26839	07 05 17.06	+18 31 03.7	17.2	704	1998 YL ₂₂	1999 01	16.13063	05 28 43.79	+29 38 32.5	18.9	704
1998 YL ₂₁	1999 01	20.29098	07 05 15.69	+18 31 04.6	17.8	704	1998 YL ₂₂	1999 01	16.15338	05 28 42.58	+29 38 25.9	18.6	704
1998 YL ₂₁	1999 01	05.10891	07 24 50.91	+11 36 57.6	17.4 R	747	1998 YL ₂₂	1999 01	16.17543	05 28 41.77	+29 38 19.8	18.6	704
1998 YL ₂₁	1999 01	05.11725	07 24 50.32	+11 36 58.4	17.2 R	747	1998 YL ₂₂	1999 01	19.07818	05 26 48.85	+29 25 47.6	18.1	704
1998 YL ₂₁	1999 01	05.12174	07 24 50.11	+11 36 58.9	17.2 R	747	1998 YL ₂₂	1999 01	19.10012	05 26 47.98	+29 25 43.2	19.0	704
1998 YL ₂₁	1999 01	05.12859	07 24 49.75	+11 36 58.7	18.0 R	747	1998 YL ₂₂	1999 01	19.14409	05 26 46.41	+29 25 29.9	18.5	704
1998 YL ₂₁	1999 01	05.13086	07 24 49.54	+11 36 59.0	18.6 R	747	1998 YL ₂₂	1999 01	19.16606	05 26 45.35	+29 25 25.6	18.5	704
1998 YL ₂₁	1999 01	06.08676	07 23 51.71	+11 37 53.0	16.7 R	747	1998 YL ₂₂	1999 01	16.08280	05 25 08.62	+26 05 57.2	18.5	704
1998 YL ₂₁	1999 01	06.09396	07 23 51.26	+11 37 53.9		747	1998 YL ₂₂	1999 01	16.10482	05 25 07.70	+26 06 02.6	18.5	704
1998 YL ₂₁	1999 01	06.11822	07 23 49.74	+11 37 55.3	17.2 R	747	1998 YL ₂₂	1999 01	16.12683	05 25 06.85	+26 06 08.4	18.9	704
1998 YL ₂₁	1999 01	10.18238	07 19 40.96	+11 43 18.6	17.5 R	747	1998 YL ₂₂	1999 01	16.14958	05 25 06.05			

1998 YH ₂₇	1999 01	20.86520	05 52 37.80	+07 40 49.3	16.6 R	113	1998 YS ₂₇	1999 01	09.94557	08 41 16.94	+10 37 20.6	120
1998 YH ₂₇	1999 01	20.89201	05 52 36.88	+07 40 49.7	17.2 R	113	1998 YS ₂₇	1999 01	14.29058	08 37 17.22	+10 58 55.6	17.1 R 699
1998 YH ₂₇	1999 01	20.92593	05 52 35.59	+07 40 47.9	16.7 R	113	1998 YS ₂₇	1999 01	14.31096	08 37 15.98	+10 59 02.6	699
1998 YH ₂₇	1999 01	21.80918	05 52 07.39	+07 40 26.8	16.9 R	113	1998 YS ₂₇	1999 01	14.33141	08 37 14.73	+10 59 09.2	699
1998 YH ₂₇	1999 01	21.83743	05 52 06.43	+07 40 26.2	17.2 R	113	1998 YI ₂₇	* 1998 12	25.99550	08 51 00.89	+10 21 25.5	120
1998 YK ₂₇	* 1998 12	25.88560	08 04 14.15	+14 16 44.1	18.3	120	1998 YI ₂₇	1998 12	26.03891	08 50 59.78	+10 21 29.8	18.0 120
1998 YK ₂₇	1998 12	25.95517	08 04 11.64	+14 16 44.6		120	1998 YI ₂₇	1998 12	26.06502	08 50 59.03	+10 21 31.5	120
1998 YK ₂₇	1999 01	05.85275	07 56 18.67	+14 26 47.2	18.0	120	1998 YI ₂₇	1999 01	06.97214	08 44 40.54	+10 46 38.6	18.0 120
1998 YK ₂₇	1999 01	05.87325	07 56 17.89	+14 26 48.1		120	1998 YI ₂₇	1999 01	06.98865	08 44 39.95	+10 46 40.9	120
1998 YK ₂₇	1999 01	05.89758	07 56 16.51	+14 26 51.1		120	1998 YI ₂₇	1999 01	07.02431	08 44 38.54	+10 46 47.5	120
1998 YK ₂₇	1999 01	06.88098	07 55 29.57	+14 28 10.2	18.2	120	1998 YI ₂₇	1999 01	09.86391	08 42 47.34	+10 55 09.6	18.0 120
1998 YK ₂₇	1999 01	06.89140	07 55 29.03	+14 28 11.3		120	1998 YI ₂₇	1999 01	09.88332	08 42 46.60	+10 55 14.0	120
1998 YK ₂₇	1999 01	06.91625	07 55 27.80	+14 28 13.4		120	1998 YI ₂₇	1999 01	09.88596	08 42 46.41	+10 55 13.7	120
1998 YK ₂₇	1999 01	10.36780	07 52 38.55	+14 33 22.5	18.5 R	699	1998 YI ₂₇	1999 01	09.94216	08 42 44.12	+10 55 24.4	120
1998 YK ₂₇	1999 01	10.39433	07 52 37.11	+14 33 22.0		699	1998 YI ₂₇	1999 01	09.94557	08 42 43.92	+10 55 25.1	120
1998 YK ₂₇	1999 01	10.41986	07 52 35.85	+14 33 25.9		699	1998 YU ₂₇	* 1998 12	26.00823	08 51 18.83	+14 52 45.4	18.2 120
1998 YK ₂₇	1999 01	10.70141	07 52 21.86	+14 33 52.3	18.3	327	1998 YU ₂₇	1998 12	26.07784	08 51 16.08	+14 52 43.2	120
1998 YK ₂₇	1999 01	10.72584	07 52 20.59	+14 33 54.2		327	1998 YU ₂₇	1999 01	06.96157	08 41 59.25	+14 51 34.1	18.0 120
1998 YK ₂₇	1999 01	10.75039	07 52 19.36	+14 33 56.6		327	1998 YU ₂₇	1999 01	06.97853	08 41 58.35	+14 51 35.4	120
1998 YK ₂₇	1999 01	11.69824	07 51 31.94	+14 35 30.0	18.1	327	1998 YU ₂₇	1999 01	07.01530	08 41 56.35	+14 51 35.6	120
1998 YK ₂₇	1999 01	11.71823	07 51 30.93	+14 35 31.8		327	1998 YU ₂₇	1999 01	09.86128	08 39 22.08	+14 52 40.3	18.0 120
1998 YK ₂₇	1999 01	11.73785	07 51 29.88	+14 35 34.1		327	1998 YU ₂₇	1999 01	09.88065	08 39 21.03	+14 52 40.8	120
1998 YK ₂₇	1999 01	13.69567	07 49 51.08	+14 38 54.8	18.1	327	1998 YV ₂₇	* 1998 12	17.84887	02 15 42.40	+10 43 45.9	950
1998 YK ₂₇	1999 01	13.71523	07 49 50.08	+14 38 56.8		327	1998 YV ₂₇	1998 12	17.88315	02 15 42.58	+10 43 51.4	950
1998 YK ₂₇	1999 01	13.73475	07 49 49.03	+14 38 58.8		327	1998 YV ₂₇	1998 12	17.91846	02 15 42.74	+10 43 56.8	950
1998 YK ₂₇	1999 01	14.92862	07 48 48.42	+14 41 06.5	18.3	120	1998 YV ₂₇	1998 12	18.82521	02 15 50.42	+10 46 13.4	950
1998 YK ₂₇	1999 01	15.79482	07 48 04.58	+14 42 41.5	18.2	120	1998 YV ₂₇	1998 12	18.86664	02 15 50.62	+10 46 20.2	950
1998 YK ₂₇	1999 01	15.82285	07 48 02.88	+14 42 43.7		120	1998 YV ₂₇	1998 12	18.87145	02 15 50.64	+10 46 20.7	950
1998 YL ₂₇	* 1998 12	25.93727	08 21 42.54	+16 02 44.6		120	1998 YV ₂₇	1998 12	18.87619	02 15 50.69	+10 46 21.4	950
1998 YL ₂₇	1998 12	25.97743	08 21 41.01	+16 02 48.4	18.0	120	1998 YV ₂₇	1998 12	18.93028	02 15 51.10	+10 46 29.9	950
1998 YL ₂₇	1998 12	26.02259	08 21 39.02	+16 02 52.4		120	1998 YW ₂₇	* 1998 12	17.84887	02 15 46.70	+10 49 08.4	950
1998 YL ₂₇	1999 01	05.88554	08 13 26.91	+16 24 22.0	18.0	120	1998 YW ₂₇	1998 12	17.88315	02 15 46.49	+10 49 05.3	950
1998 YL ₂₇	1999 01	05.90689	08 13 25.72	+16 24 25.1		120	1998 YW ₂₇	1998 12	17.91846	02 15 46.23	+10 49 02.1	950
1998 YL ₂₇	1999 01	06.92847	08 12 33.65	+16 26 50.8	18.0	120	1998 YW ₂₇	1998 12	18.82521	02 15 42.40	+10 47 53.9	950
1998 YL ₂₇	1999 01	06.94769	08 12 32.68	+16 26 53.9		120	1998 YW ₂₇	1998 12	18.86664	02 15 42.17	+10 47 50.4	950
1998 YL ₂₇	1999 01	07.00036	08 12 29.89	+16 27 01.0		120	1998 YW ₂₇	1998 12	18.87145	02 15 42.14	+10 47 49.8	950
1998 YL ₂₇	1999 01	13.18382	08 07 00.60	+16 42 47.9	17.5 V	691	1998 YW ₂₇	1998 12	18.87619	02 15 42.06	+10 47 50.3	950
1998 YL ₂₇	1999 01	13.20560	08 06 59.39	+16 42 51.7	17.5 V	691	1998 YX ₂₇	* 1998 12	19.06892	04 09 13.69	+00 37 22.1	17.6 704
1998 YL ₂₇	1999 01	13.22783	08 06 58.13	+16 42 55.2	17.6 V	691	1998 YX ₂₇	* 1998 12	19.09182	04 09 12.60	+00 37 30.6	17.0 704
1998 YL ₂₇	1999 01	16.83682	08 03 38.30	+16 52 46.3	17.8	120	1998 YX ₂₇	1998 12	19.11470	04 09 11.57	+00 37 39.7	17.0 704
1998 YL ₂₇	1999 01	21.84807	07 58 57.80	+17 06 54.7	18.0	120	1998 YX ₂₇	1998 12	19.13746	04 09 10.51	+00 37 48.8	17.1 704
1998 YL ₂₇	1999 01	21.87321	07 58 56.37	+17 06 58.9		120	1998 YX ₂₇	1998 12	19.16024	04 09 09.39	+00 37 58.1	17.2 704
1998 YL ₂₇	1999 01	23.80733	07 57 09.06	+17 12 30.4	18.3	120	1998 YX ₂₇	1998 12	22.07121	04 07 06.39	+00 57 22.3	17.6 704
1998 YL ₂₇	1999 01	23.82161	07 57 08.27	+17 12 32.6		120	1998 YX ₂₇	1998 12	22.09393	04 07 05.58	+00 57 31.1	17.8 704
1998 YM ₂₇	* 1998 12	27.25628	07 15 13.13	+46 20 50.5	18.3 R	699	1998 YX ₂₇	1998 12	22.11660	04 07 04.60	+00 57 40.3	17.3 704
1998 YM ₂₇	1998 12	27.28175	07 15 11.41	+46 20 52.1		699	1998 YX ₂₇	1998 12	22.13926	04 07 03.62	+00 57 50.4	17.0 704
1998 YM ₂₇	1998 12	27.30725	07 15 09.52	+46 20 52.4		699	1998 YX ₂₇	1998 12	22.16196	04 07 02.70	+00 58 00.4	17.0 704
1998 YM ₂₇	1999 01	08.38330	07 00 42.45	+46 06 05.6	18.3 R	699	1998 YY ₂₇	* 1998 12	19.07377	04 29 00.69	+00 55 58.1	18.4 704
1998 YM ₂₇	1999 01	08.39860	07 00 41.32	+46 06 02.6		699	1998 YY ₂₇	1998 12	19.09672	04 28 59.80	+00 56 05.0	19.0 704
1998 YM ₂₇	1999 01	08.41395	07 00 40.25	+46 05 58.5		699	1998 YY ₂₇	1998 12	19.14230	04 28 57.58	+00 56 24.0	17.5 704
1998 YN ₂₇	* 1998 12	27.27283	07 30 46.58	+45 25 25.8	18.9 R	699	1998 YY ₂₇	1998 12	19.16507	04 28 56.52	+00 56 33.3	17.2 704
1998 YN ₂₇	1998 12	27.29833	07 30 44.73	+45 25 35.1		699	1998 YY ₂₇	1998 12	22.07679	04 26 54.34	+01 15 52.3	18.2 704
1998 YN ₂₇	1998 12	27.32383	07 30 42.96	+45 25 45.1		699	1998 YY ₂₇	1998 12	22.12217	04 26 52.43	+01 16 10.6	17.6 704
1998 YN ₂₇	1999 01	08.38458	07 15 55.85	+46 18 14.3	18.9 R	699	1998 YY ₂₇	1998 12	22.14483	04 26 51.45	+01 16 18.9	17.4 704
1998 YN ₂₇	1999 01	08.39988	07 15 54.70	+46 18 17.3		699	1998 YY ₂₇	1998 12	22.16754	04 26 50.56	+01 16 28.3	17.4 704
1998 YN ₂₇	1999 01	08.41523	07 15 53.44	+46 18 18.7		699	1998 YZ ₂₇	* 1998 12	19.17442	04 50 52.54	+02 23 37.3	18.2 704
1998 YO ₂₇	* 1998 12	27.27411	07 44 46.59	+44 55 59.4	18.3 R	699	1998 YZ ₂₇	1998 12	19.19723	04 50 51.38	+02 23 40.9	18.7 704
1998 YO ₂₇	1998 12	27.29961	07 44 45.01	+44 56 10.4		699	1998 YZ ₂₇	1998 12	19.22020	04 50 50.17	+02 23 42.9	19.1 704
1998 YO ₂₇	1998 12	27.32510	07 44 43.64	+44 56 22.8		699	1998 YZ ₂₇	1998 12	19.24298	04 50 48.94	+02 23 47.0	18.9 704
1998 YO ₂₇	1999 01	08.38713	07 32 05.06	+46 10 52.2	18.2 R	699	1998 YZ ₂₇	1998 12	19.26587	04 50 47.75	+02 23 50.4	18.7 704
1998 YO ₂₇	1999 01	08.40243	07 32 03.98	+46 10 55.8		699	1998 YZ ₂₇	1998 12	22.17870	04 48 23.01	+02 31 11.1	18.8 704
1998 YO ₂₇	1999 01	08.41778	07 32 02.86	+46 10 59.5		699	1998 YZ ₂₇	1998 12	22.20160	04 48 21.96	+02 31 15.8	18.8 704
1998 YP ₂₇	* 1998 12	27.27538	07 15 17.33	+45 40 14.0	18.1 R	699	1998 YZ ₂₇	1998 12	22.22428	04 48 20.75	+02 31 20.4	18.8 704
1998 YP ₂₇	1998 12	27.30088	07 15 15.33	+45 40 22.9		699	1998 YZ ₂₇	1998 12	22.24696	04 48 19.71	+02 31 23.1	19.2 704
1998 YP ₂₇	1998 12	27.32639	07 15 13.30	+45 40 32.2		699	1998 YZ ₂₇	1998 12	22.26979	04 48 18.46	+02 31 27.9	18.4 704
1998 YP ₂₇	1999 01	08.38330	06 59 22.80	+46 27 25.7	18.2 R	699	1998 YA ₂₈	* 1998 12	19.17560	05 01 45.82	+02 22 32.5	18.0 704
1998 YP ₂₇	1999 01	08.39860	06 59 21.57	+46 27 27.8		699	1998 YA ₂₈	1998 12	19.19843	05 01 44.58	+02 22 39.1	18.8 704
1998 YP ₂₇	1999 01	08.41395	06 59 20.32	+46 27 27.9		699	1998 YA ₂₈	1998 12	19.22138	05 01 43.13	+02 22 45.9	19.5 704
1998 YQ ₂₇	* 1998 12	29.06676	07 21 39.72	+24 36 25.6		557	1998 YA ₂₈	1998 12	19.24417	05 01 41.94	+02 22 53.6	

1998 YD ₂₈	1999 01	17.25211	08 23	11.53	+16 15	28.8	17.3	V	691	1998 YQ ₂₈	1998 12	16.30322	05 35	53.10	+16 08	23.8	19.6	704
1998 YD ₂₈	1999 01	17.27364	08 23	10.03	+16 15	27.3	17.4	V	691	1998 YQ ₂₈	1998 12	16.35103	05 35	49.97	+16 08	28.1	19.6	704
1998 YE ₂₈	* 1998 12	22.41758	07 57	12.33	+20 01	08.6	17.9		704	1998 YQ ₂₈	1998 12	16.39891	05 35	46.83	+16 08	31.1	18.8	704
1998 YE ₂₈	1998 12	22.44037	07 57	11.38	+20 01	11.7	17.8		704	1998 YQ ₂₈	1998 12	22.18705	05 29	52.56	+16 18	23.3	19.0	704
1998 YE ₂₈	1998 12	22.46318	07 57	10.40	+20 01	14.6	17.7		704	1998 YQ ₂₈	1998 12	22.20994	05 29	51.10	+16 18	23.6	18.7	704
1998 YE ₂₈	1998 12	22.48676	07 57	09.45	+20 01	19.5	17.6		704	1998 YQ ₂₈	1998 12	22.23262	05 29	49.66	+16 18	28.4	19.2	704
1998 YE ₂₈	1998 12	22.50960	07 57	08.51	+20 01	20.9	17.6		704	1998 YQ ₂₈	1998 12	22.25529	05 29	48.24	+16 18	31.1	18.8	704
1998 YE ₂₈	1998 12	23.26491	07 56	38.27	+20 03	06.6	17.9		704	1998 YQ ₂₈	1998 12	22.27817	05 29	46.73	+16 18	33.5	18.4	704
1998 YE ₂₈	1998 12	23.27188	07 56	37.95	+20 03	07.9	17.9		704	1998 YR ₂₈	* 1998 12	16.20319	05 37	01.06	+21 13	14.2	18.4	704
1998 YE ₂₈	1998 12	23.27882	07 56	37.63	+20 03	11.1			704	1998 YR ₂₈	1998 12	16.25104	05 36	57.95	+21 13	21.0	18.9	704
1998 YE ₂₈	1998 12	23.28576	07 56	37.30	+20 03	11.0			704	1998 YR ₂₈	1998 12	16.30471	05 36	54.34	+21 13	28.2	18.7	704
1998 YE ₂₈	1998 12	23.29269	07 56	36.95	+20 03	11.2			704	1998 YR ₂₈	1998 12	16.35251	05 36	51.15	+21 13	34.7	18.4	704
1998 YE ₂₈	1999 01	06.40045	07 45	20.33	+20 40	19.2	16.9	R	699	1998 YR ₂₈	1998 12	16.40040	05 36	47.93	+21 13	38.7	18.8	704
1998 YE ₂₈	1999 01	06.42098	07 45	19.21	+20 40	21.8			699	1998 YR ₂₈	1998 12	22.20588	05 30	41.00	+21 25	22.2	17.5	704
1998 YE ₂₈	1999 01	06.45139	07 45	17.54	+20 40	28.8			699	1998 YR ₂₈	1998 12	22.22856	05 30	39.53	+21 25	26.7	18.9	704
1998 YE ₂₈	1999 01	21.83786	07 31	32.23	+21 21	59.8	17.8		120	1998 YR ₂₈	1998 12	22.25123	05 30	38.10	+21 25	28.6	17.9	704
1998 YE ₂₈	1999 01	21.86330	07 31	30.87	+21 22	03.6			120	1998 YR ₂₈	1998 12	22.27408	05 30	36.56	+21 25	30.8		704
1998 YE ₂₈	1999 01	22.80111	07 30	42.84	+21 24	23.3	17.8		120	1998 YS ₂₈	* 1998 12	16.20319	05 39	58.09	+20 51	38.8	18.7	704
1998 YE ₂₈	1999 01	22.82554	07 30	41.59	+21 24	26.6			120	1998 YS ₂₈	1998 12	16.25104	05 39	55.58	+20 51	43.7	19.0	704
1998 YE ₂₈	1999 01	22.84591	07 30	40.54	+21 24	29.7			120	1998 YS ₂₈	1998 12	16.30471	05 39	52.42	+20 51	49.4	19.5	704
1998 YE ₂₈	1999 01	24.75900	07 29	04.60	+21 29	06.6	17.8		120	1998 YS ₂₈	1998 12	16.35251	05 39	49.81	+20 51	57.2	18.8	704
1998 YE ₂₈	1999 01	24.80745	07 29	02.10	+21 29	14.1			120	1998 YS ₂₈	1998 12	22.18298	05 34	40.23	+21 04	16.4	18.9	704
1998 YF ₂₈	* 1998 12	16.18272	05 10	49.16	+15 35	28.2	18.3		704	1998 YS ₂₈	1998 12	22.20588	05 34	39.11	+21 04	21.1	18.9	704
1998 YF ₂₈	1998 12	16.23035	05 10	46.41	+15 35	17.8	19.7		704	1998 YS ₂₈	1998 12	22.22856	05 34	37.72	+21 04	21.4	19.2	704
1998 YF ₂₈	1998 12	16.28427	05 10	43.30	+15 35	08.8	19.3		704	1998 YS ₂₈	1998 12	22.25123	05 34	36.57	+21 04	26.1	19.4	704
1998 YF ₂₈	1998 12	16.33187	05 10	40.53	+15 34	59.0	19.6		704	1998 YT ₂₈	* 1998 12	16.20319	05 40	59.19	+21 19	00.4	17.6	704
1998 YF ₂₈	1998 12	16.37967	05 10	37.83	+15 34	48.7	19.2		704	1998 YT ₂₈	1998 12	16.25104	05 40	56.01	+21 18	48.0	18.1	704
1998 YF ₂₈	1998 12	22.17705	05 05	23.90	+15 16	20.6	18.6		704	1998 YT ₂₈	1998 12	16.30471	05 40	52.36	+21 18	31.9	17.9	704
1998 YF ₂₈	1998 12	22.19995	05 05	22.67	+15 16	16.3	18.9		704	1998 YT ₂₈	1998 12	16.35251	05 40	49.17	+21 18	18.9		704
1998 YF ₂₈	1998 12	22.22264	05 05	21.55	+15 16	11.9	19.0		704	1998 YT ₂₈	1998 12	16.40040	05 40	45.85	+21 18	04.2	18.1	704
1998 YF ₂₈	1998 12	22.24532	05 05	20.38	+15 16	08.7	19.7		704	1998 YT ₂₈	1998 12	22.18298	05 34	35.31	+20 51	43.3	17.6	704
1998 YG ₂₈	* 1998 12	16.18272	05 11	34.48	+15 31	41.0	18.4		704	1998 YT ₂₈	1998 12	22.20588	05 34	33.88	+20 51	37.2		704
1998 YG ₂₈	1998 12	16.28427	05 11	27.61	+15 31	12.2	19.7		704	1998 YT ₂₈	1998 12	22.22856	05 34	32.40	+20 51	30.4	17.7	704
1998 YG ₂₈	1998 12	16.33187	05 11	24.49	+15 30	56.4	20.1		704	1998 YT ₂₈	1998 12	22.25123	05 34	31.00	+20 51	24.7	17.8	704
1998 YG ₂₈	1998 12	16.37967	05 11	20.94	+15 30	42.3	19.6		704	1998 YU ₂₈	1998 12	22.27408	05 34	29.44	+20 51	18.5	17.9	704
1998 YG ₂₈	1998 12	22.17705	05 05	06.51	+15 02	04.1	18.5		704	1998 YU ₂₈	* 1998 12	16.20950	05 44	17.07	+19 22	26.4	17.6	704
1998 YG ₂₈	1998 12	22.19995	05 05	05.01	+15 01	57.8	18.7		704	1998 YU ₂₈	1998 12	16.25735	05 44	13.50	+19 22	16.4	18.3	704
1998 YG ₂₈	1998 12	22.22264	05 05	03.54	+15 01	51.1	19.3		704	1998 YU ₂₈	1998 12	16.31101	05 44	09.44	+19 22	06.9	18.3	704
1998 YG ₂₈	1998 12	22.24532	05 05	02.17	+15 01	46.5	19.5		704	1998 YU ₂₈	1998 12	16.40671	05 44	02.75	+19 21	46.3	17.9	704
1998 YH ₂₈	* 1998 12	16.18272	05 15	23.95	+15 06	19.7	19.1		704	1998 YU ₂₈	1998 12	22.18841	05 37	16.55	+19 01	32.4	18.9	704
1998 YH ₂₈	1998 12	16.28427	05 15	16.97	+15 06	35.4	19.8		704	1998 YU ₂₈	1998 12	22.21130	05 37	14.96	+19 01	27.0	19.0	704
1998 YH ₂₈	1998 12	16.37967	05 15	10.43	+15 06	49.9	19.8		704	1998 YU ₂₈	1998 12	22.23398	05 37	13.37	+19 01	21.5	18.5	704
1998 YH ₂₈	1998 12	22.17705	05 08	59.20	+15 24	52.4	18.7		704	1998 YU ₂₈	1998 12	22.25666	05 37	11.70	+19 01	17.8	19.3	704
1998 YH ₂₈	1998 12	22.19995	05 08	57.96	+15 24	57.3	19.4		704	1998 YV ₂₈	* 1998 12	16.21061	05 46	01.19	+16 30	12.3	17.7	704
1998 YH ₂₈	1998 12	22.22264	05 08	56.40	+15 25	02.0	19.4		704	1998 YV ₂₈	1998 12	16.25846	05 45	58.37	+16 30	29.6	18.0	704
1998 YH ₂₈	1998 12	22.24532	05 08	54.85	+15 25	07.0	19.5		704	1998 YV ₂₈	1998 12	16.31213	05 45	54.91	+16 30	52.8	18.3	704
1998 YH ₂₈	1998 12	22.26815	05 08	53.29	+15 25	11.9	18.9		704	1998 YV ₂₈	1998 12	16.40782	05 45	49.05	+16 31	29.3	18.1	704
1998 YJ ₂₈	* 1998 12	16.19014	05 19	04.57	+22 07	10.2	19.6		704	1998 YV ₂₈	1998 12	22.18856	05 40	03.37	+17 09	25.1	18.6	704
1998 YJ ₂₈	1998 12	16.23801	05 19	01.01	+22 07	15.2	19.7		704	1998 YV ₂₈	1998 12	22.23413	05 40	00.59	+17 09	45.3	18.8	704
1998 YJ ₂₈	1998 12	16.29170	05 18	56.80	+22 07	22.4	19.8		704	1998 YV ₂₈	1998 12	22.25681	05 39	59.04	+17 09	52.7	18.9	704
1998 YJ ₂₈	1998 12	16.38709	05 18	49.67	+22 07	29.3	19.4		704	1998 YV ₂₈	1998 12	22.27968	05 39	57.76	+17 10	02.9	18.6	704
1998 YJ ₂₈	1998 12	22.17615	05 11	52.58	+22 15	27.0	18.7		704	1998 YW ₂₈	* 1998 12	16.21061	05 51	02.10	+16 39	21.2	18.2	704
1998 YJ ₂₈	1998 12	22.19905	05 11	51.05	+22 15	29.5	19.5		704	1998 YW ₂₈	1998 12	16.25846	05 50	58.98	+16 39	29.4	17.5	704
1998 YJ ₂₈	1998 12	22.24442	05 11	47.58	+22 15	32.3	18.8		704	1998 YW ₂₈	1998 12	16.31213	05 50	55.58	+16 39	40.1	17.3	704
1998 YJ ₂₈	1998 12	22.26724	05 11	45.95	+22 15	36.7	18.8		704	1998 YW ₂₈	1998 12	16.35993	05 50	52.44	+16 39	47.4	19.2	704
1998 YK ₂₈	* 1998 12	16.19014	05 23	54.01	+22 03	01.5	19.0		704	1998 YW ₂₈	1998 12	16.40782	05 50	49.31	+16 40	00.6	18.6	704
1998 YK ₂₈	1998 12	16.29170	05 23	47.21	+22 03	19.8	19.5		704	1998 YW ₂₈	1998 12	22.19203	05 44	47.86	+17 00	13.6	18.4	704
1998 YK ₂₈	1998 12	16.33929	05 23	44.04	+22 03	27.4	19.3		704	1998 YW ₂₈	1998 12	22.21492	05 44	46.31	+17 00	18.2	18.9	704
1998 YK ₂₈	1998 12	16.38709	05 23	40.76	+22 03	35.4	19.0		704	1998 YW ₂₈	1998 12	22.26033	05 44	43.48	+17 00	29.6	18.5	704
1998 YK ₂₈	1998 12	22.18268	05 17	33.55	+22 20	11.8	18.9		704	1998 YW ₂₈	1998 12	22.2						

1998 YC ₂₉	1998 12 22.28860	06 04 13.23	+20 14 37.9	19.4	704	1998 YP ₂₉	1999 01 13.26144	07 59 57.84	+22 10 19.6	19.7 V	691
1998 YD ₂₉	* 1998 12 16.22175	06 11 06.05	+19 48 28.6	18.0	704	1998 YP ₂₉	1999 01 17.28539	07 54 39.03	+22 11 50.7	20.0 V	691
1998 YD ₂₉	1998 12 16.27567	06 11 02.54	+19 48 34.2	19.0	704	1998 YP ₂₉	1999 01 17.28960	07 54 38.66	+22 11 50.9	20.1 V	691
1998 YD ₂₉	1998 12 16.32328	06 10 59.34	+19 48 38.5	19.2	704	1998 YP ₂₉	1999 01 17.29442	07 54 38.27	+22 11 50.9	20.0 V	691
1998 YD ₂₉	1998 12 16.41917	06 10 53.14	+19 48 49.5	18.9	704	1998 YQ ₂₉	* 1998 12 27.33778	09 50 22.70	+29 04 27.3	18.4 R	699
1998 YD ₂₉	1998 12 22.19758	06 04 45.85	+19 59 42.1	18.9	704	1998 YQ ₂₉	1998 12 27.36325	09 50 22.25	+29 04 32.7		699
1998 YD ₂₉	1998 12 22.24303	06 04 42.79	+19 59 47.0	19.4	704	1998 YQ ₂₉	1998 12 27.38876	09 50 21.73	+29 04 36.7		699
1998 YD ₂₉	1998 12 22.26585	06 04 41.20	+19 59 50.3	18.8	704	1998 YQ ₂₉	1999 01 09.44561	09 43 48.07	+29 47 26.4	18.6 R	699
1998 YD ₂₉	1998 12 22.28860	06 04 39.72	+19 59 52.3	18.7	704	1998 YQ ₂₉	1999 01 09.48123	09 43 46.40	+29 47 34.3		699
1998 YE ₂₉	* 1998 12 16.26903	05 52 41.40	+16 39 00.5	18.2	704	1998 YQ ₂₉	1999 01 09.50159	09 43 45.51	+29 47 37.2		699
1998 YE ₂₉	1998 12 16.31992	05 52 38.06	+16 38 42.7	18.5	704	1998 YR ₂₉	* 1998 12 27.33904	09 55 50.48	+29 02 37.1	18.8 R	699
1998 YE ₂₉	1998 12 16.36771	05 52 35.00	+16 38 25.0	19.0	704	1998 YR ₂₉	1998 12 27.36452	09 55 50.08	+29 02 42.1		699
1998 YE ₂₉	1998 12 16.41560	05 52 31.93	+16 38 08.7	18.3	704	1998 YR ₂₉	1998 12 27.39004	09 55 49.83	+29 02 45.1		699
1998 YE ₂₉	1998 12 22.19369	05 46 31.31	+16 04 25.5	19.6	704	1998 YR ₂₉	1999 01 09.44179	09 50 39.00	+29 43 19.5	18.5 R	699
1998 YE ₂₉	1998 12 22.21659	05 46 30.04	+16 04 20.8	19.6	704	1998 YR ₂₉	1999 01 09.47741	09 50 37.69	+29 43 26.7		699
1998 YE ₂₉	1998 12 22.23926	05 46 28.50	+16 04 11.5	19.0	704	1998 YR ₂₉	1999 01 09.49777	09 50 36.99	+29 43 30.0		699
1998 YF ₂₉	* 1998 12 16.26940	06 04 17.33	+16 35 18.9	19.9	704	1998 YS ₂₉	* 1998 12 27.33904	09 58 15.24	+27 27 29.0	17.8 R	699
1998 YF ₂₉	1998 12 16.32030	06 04 14.05	+16 35 17.5	19.9	704	1998 YS ₂₉	1998 12 27.36452	09 58 15.26	+27 27 34.2		699
1998 YF ₂₉	1998 12 16.41597	06 04 07.78	+16 35 12.3	19.3	704	1998 YS ₂₉	1998 12 27.39004	09 58 15.23	+27 27 39.2		699
1998 YF ₂₉	1998 12 22.19712	05 58 00.34	+16 31 35.3	19.2	704	1998 YS ₂₉	1999 01 09.44307	09 55 14.13	+28 13 41.9	17.3 R	699
1998 YF ₂₉	1998 12 22.21990	05 57 58.78	+16 31 31.3	19.3	704	1998 YS ₂₉	1999 01 09.47868	09 55 12.93	+28 13 48.8		699
1998 YF ₂₉	1998 12 22.24257	05 57 57.33	+16 31 33.0	19.9	704	1998 YS ₂₉	1999 01 09.49904	09 55 12.20	+28 13 53.6		699
1998 YF ₂₉	1998 12 22.26540	05 57 55.95	+16 31 31.9	18.6	704	1998 YS ₂₉	1999 01 22.55814	09 45 21.10	+29 02 02.2	17.5	411
1998 YF ₂₉	1998 12 22.28814	05 57 54.38	+16 31 32.3	19.3	704	1998 YS ₂₉	1999 01 22.57716	09 45 19.91	+29 02 05.2		411
1998 YG ₂₉	* 1998 12 16.26977	06 06 05.48	+17 37 44.1	19.7	704	1998 YS ₂₉	1999 01 25.56906	09 42 18.46	+29 10 57.7		411
1998 YG ₂₉	1998 12 16.32067	06 06 02.02	+17 37 49.3	20.0	704	1998 YS ₂₉	1999 01 25.57389	09 42 18.17	+29 10 58.7		411
1998 YG ₂₉	1998 12 16.36846	06 05 58.84	+17 37 50.4	20.0	704	1998 YT ₂₉	* 1998 12 27.34161	10 06 32.82	+29 35 05.9	18.3 R	699
1998 YG ₂₉	1998 12 16.41635	06 05 55.40	+17 37 55.2	19.5	704	1998 YT ₂₉	1998 12 27.36707	10 06 32.57	+29 35 11.8		699
1998 YG ₂₉	1998 12 22.19277	05 59 24.22	+17 45 55.6	19.1	704	1998 YT ₂₉	1998 12 27.39258	10 06 32.25	+29 35 17.6		699
1998 YG ₂₉	1998 12 22.22005	05 59 22.59	+17 45 58.7	19.9	704	1998 YT ₂₉	1999 01 09.43287	10 02 01.54	+30 35 47.5	18.1 R	699
1998 YG ₂₉	1998 12 22.24272	05 59 20.92	+17 45 58.6	20.1	704	1998 YT ₂₉	1999 01 09.46847	10 02 00.35	+30 35 58.0		699
1998 YH ₂₉	* 1998 12 16.27015	06 09 55.73	+19 04 35.3	19.7	704	1998 YT ₂₉	1999 01 09.48887	10 01 59.73	+30 36 02.7		699
1998 YH ₂₉	1998 12 16.32104	06 09 52.60	+19 04 49.5	19.9	704	1998 YU ₂₉	* 1998 12 27.34161	10 07 16.09	+28 11 48.6	17.5 R	699
1998 YH ₂₉	1998 12 16.36883	06 09 49.65	+19 05 03.9	19.6	704	1998 YU ₂₉	1998 12 27.36707	10 07 16.07	+28 12 03.6		699
1998 YH ₂₉	1998 12 22.19758	06 03 50.21	+19 32 55.3	18.6	704	1998 YU ₂₉	1998 12 27.39258	10 07 16.05	+28 12 17.8		699
1998 YH ₂₉	1998 12 22.22036	06 03 48.64	+19 33 00.7	19.4	704	1998 YU ₂₉	1999 01 09.42906	10 04 14.23	+30 24 38.8	17.3 R	699
1998 YH ₂₉	1998 12 22.24303	06 03 47.34	+19 33 09.3	19.5	704	1998 YU ₂₉	1999 01 09.46465	10 04 13.10	+30 25 01.7		699
1998 YH ₂₉	1998 12 22.26585	06 03 45.76	+19 33 14.0	19.3	704	1998 YU ₂₉	1999 01 09.48505	10 04 12.42	+30 25 14.9		699
1998 YH ₂₉	1998 12 22.28860	06 03 44.17	+19 33 22.7	19.6	704	1998 YV ₂₉	* 1998 12 27.34288	10 14 42.73	+29 12 32.9	18.5 R	699
1998 YJ ₂₉	* 1998 12 17.17813	05 55 42.93	+22 09 28.1	19.5	704	1998 YV ₂₉	1998 12 27.36835	10 14 42.80	+29 12 40.1		699
1998 YJ ₂₉	1998 12 17.24779	05 55 37.77	+22 09 24.6	19.5	704	1998 YV ₂₉	1998 12 27.39387	10 14 42.90	+29 12 44.1		699
1998 YJ ₂₉	1998 12 17.27090	05 55 36.08	+22 09 20.5	19.4	704	1998 YV ₂₉	1999 01 09.43034	10 12 46.89	+30 06 39.0		699
1998 YJ ₂₉	1998 12 22.19279	05 49 50.10	+22 00 47.9	18.8	704	1998 YV ₂₉	1999 01 09.46593	10 12 45.99	+30 06 50.4		699
1998 YJ ₂₉	1998 12 22.21569	05 49 48.32	+22 00 44.1	19.9	704	1998 YV ₂₉	1999 01 09.48632	10 12 45.42	+30 06 54.6		699
1998 YJ ₂₉	1998 12 22.26119	05 49 45.08	+22 00 39.8	19.7	704	1998 YW ₂₉	* 1998 12 27.35051	10 12 28.42	+26 11 11.9	17.7 R	699
1998 YJ ₂₉	1998 12 22.28393	05 49 43.45	+22 00 39.3	19.3	704	1998 YW ₂₉	1998 12 27.37600	10 12 28.41	+26 11 19.0		699
1998 YK ₂₉	* 1998 12 17.17813	05 55 48.27	+22 53 28.3	19.3	704	1998 YW ₂₉	1998 12 27.40152	10 12 28.43	+26 11 25.4		699
1998 YK ₂₉	1998 12 17.22468	05 55 45.68	+22 53 34.2	19.3	704	1998 YW ₂₉	1999 01 09.44052	10 10 01.66	+27 15 15.8	18.1 R	699
1998 YK ₂₉	1998 12 17.24779	05 55 44.22	+22 53 35.5	19.3	704	1998 YW ₂₉	1999 01 09.47612	10 10 00.76	+27 15 26.4		699
1998 YK ₂₉	1998 12 17.27090	05 55 43.05	+22 53 42.3	19.3	704	1998 YW ₂₉	1999 01 09.49649	10 10 00.17	+27 15 34.4		699
1998 YK ₂₉	1998 12 22.19279	05 51 11.94	+23 03 44.1	19.1	704	1998 YX ₂₉	* 1998 12 27.35434	10 02 59.99	+26 42 32.2	17.6 R	699
1998 YK ₂₉	1998 12 22.21569	05 51 10.53	+23 03 46.8	20.2	704	1998 YX ₂₉	1998 12 27.37983	10 02 59.79	+26 42 37.9		699
1998 YK ₂₉	1998 12 22.23836	05 51 09.27	+23 03 48.6	20.2	704	1998 YX ₂₉	1998 12 27.40532	10 02 59.61	+26 42 43.3		699
1998 YK ₂₉	1998 12 22.28393	05 51 06.81	+23 03 54.8	19.4	704	1998 YX ₂₉	1999 01 09.43925	09 59 09.10	+27 40 58.7	17.3 R	699
1998 YL ₂₉	* 1998 12 17.17843	06 05 19.50	+22 37 32.9	19.5	704	1998 YX ₂₉	1999 01 09.44307	09 59 09.00	+27 40 59.0	17.3 R	699
1998 YL ₂₉	1998 12 17.20173	06 05 18.20	+22 37 38.2	19.3	704	1998 YX ₂₉	1999 01 09.47484	09 59 07.96	+27 41 08.8		699
1998 YL ₂₉	1998 12 17.22498	06 05 16.70	+22 37 46.9	19.3	704	1998 YX ₂₉	1999 01 09.47868	09 59 07.80	+27 41 10.5		699
1998 YL ₂₉	1998 12 17.24809	06 05 15.57	+22 37 51.8	19.5	704	1998 YX ₂₉	1999 01 09.49523	09 59 07.33	+27 41 15.2		699
1998 YL ₂₉	1998 12 17.40803	06 05 06.00	+22 38 32.2	19.1	704	1998 YX ₂₉	1999 01 09.49904	09 59 07.13	+27 41 15.4		699
1998 YL ₂₉	1998 12 17.43069	06 05 04.58	+22 38 36.9	18.8	704	1998 YX ₂₉	1999 01 22.63418	09 49 22.21	+28 48 27.0	17	411
1998 YL ₂₉	1998 12 17.45343	06 05 03.15	+22 38 41.7	19.1	704	1998 YX ₂₉	1999 01 22.65319	09 49 21.08	+28 48 32.7		411
1998 YL ₂₉	1998 12 17.47619	06 05 01.80	+22 38 46.4	18.9	704	1998 YX ₂₉	1999 01 25.57935	09 46 27.74	+29 02 45.9		411
1998 YL ₂₉	1998 12 22.19788	06 00 26.95	+22 58 14.6	19.2	704	1998 YX ₂₉	1999 01 25.59024	09 46 27.08	+29 02 49.3		411
1998 YL ₂₉	1998 12 22.22066	06 00 25.68	+22 58 19.6	19.9	704	1998 YY ₂₉	* 1998 12 27.35434	10 06 46.79	+26 16 46.0		699
1998 YL ₂₉	1998 12 22.24334	06 00 24.09	+22 58 28.3	19.4	704	1998 YY ₂₉	1998 12 27.37983	10 06 47.35	+26 17 20.2		699
1998 YL ₂₉	1998 12 22.26615	06 00 22.79	+22 58 33.0	19.6	704	1998 YY ₂₉	1998 12 27.40532	10 06 47.94	+26 17 54.0		699
1998 YL ₂₉	1998 12 22.28890	06 00 21.48	+22 58 39.0	19.3	704	1998 YY ₂₉	1999 01 09.42906	10 08 30.72	+31 33 30.8	17.2 R	699
1998 YM ₂₉	* 1998 12 17.29467	05 55 41.49	+24 09 14.8	18.0	704	1998 YY ₂₉	1999 01 09.46465	10 08 30.26	+31 34 26.0		699
1998 YM ₂₉	1998 12 17.31790	05 55 40.15	+24 09 19.6	18.6	704	1998 YY ₂₉	1999 01 09.48505	10 08 29.98	+31 34 58.2		699
1998 YM ₂₉	1998 12 17.34104	05 55 38.91	+24 09 25.7	19.7	704	1998 YY ₂₉	1999 01 14.43990	10 07 09.18			

1998 YD ₃₀	1998 12 21.43862	11 10 29.40	+24 15 51.4	19.6	704	1999 AJ	1999 01 10.39996	08 17 53.84	+16 23 14.2	17.9 V	691
1998 YD ₃₀	1998 12 21.45992	11 10 38.12	+24 15 14.8	19.3	704	1999 AJ	1999 01 10.42498	08 17 52.29	+16 23 20.2		699
1998 YD ₃₀	1998 12 22.13678	11 15 25.57	+23 54 56.4	17.7 R	046	1999 AJ	1999 01 13.18934	08 14 59.00	+16 34 57.2	17.9 V	691
1998 YD ₃₀	1998 12 22.13791	11 15 26.14	+23 54 54.4		046	1999 AJ	1999 01 13.21112	08 14 57.56	+16 35 02.8	18.0 V	691
1998 YD ₃₀	1998 12 22.14071	11 15 27.23	+23 54 49.4		046	1999 AJ	1999 01 13.23335	08 14 56.11	+16 35 08.6	18.0 V	691
1998 YD ₃₀	1998 12 22.14198	11 15 27.82	+23 54 47.4		046	1999 AJ	1999 01 18.19411	08 09 36.03	+16 56 47.0	17.7 V	691
1998 YD ₃₀	1998 12 22.14288	11 15 28.10	+23 54 46.1		046	1999 AJ	1999 01 18.21673	08 09 34.52	+16 56 53.4	17.7 V	691
1998 YD ₃₀	1998 12 22.14390	11 15 28.58	+23 54 44.0		046	1999 AJ	1999 01 18.23832	08 09 33.09	+16 56 59.3	17.8 V	691
1999 AA	1999 01 05.44513	04 39 17.29	+36 39 31.4		411	1999 AJ	1999 01 21.85259	08 05 38.91	+17 13 01.4	18.0	120
1999 AA	1999 01 05.44836	04 39 17.19	+36 39 30.9		411	1999 AJ	1999 01 21.87763	08 05 37.22	+17 13 07.9		120
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1999 AA	1999 01 09.44406	04 36 57.24	+36 22 10.2		411	1999 AJ	1999 01 22.80656	08 04 37.63	+17 17 15.2	18.0	120
1999 AA	1999 01 09.44567	04 36 57.13	+36 22 10.1		411	1999 AJ	1999 01 22.83105	08 04 35.99	+17 17 21.5		120
1999 AA	1999 01 15.41452	04 34 18.97	+35 55 36.9		411	1999 AJ	1999 01 22.90302	08 04 31.33	+17 17 41.4		120
1999 AA	1999 01 15.42579	04 34 18.69	+35 55 34.7		411	1999 AJ	1999 01 23.81229	08 03 33.52	+17 21 42.5	18.0	120
1999 AB	1999 01 05.43192	04 38 43.26	+37 26 20.7		411	1999 AJ	1999 01 23.82626	08 03 32.59	+17 21 46.3		120
1999 AB	1999 01 05.43999	04 38 42.90	+37 26 15.6		411	1999 AK	* 1999 01 06.00181	08 34 44.06	+09 13 34.2	16.8	120
1999 AB	1999 01 09.42333	04 36 31.39	+36 48 38.9		411	1999 AK	1999 01 06.02536	08 34 42.96	+09 13 32.6		120
1999 AB	1999 01 09.42656	04 36 31.35	+36 48 37.1		411	1999 AK	1999 01 06.04647	08 34 41.93	+09 13 31.1		120
1999 AB	1999 01 15.42258	04 34 06.04	+35 52 14.4		411	1999 AK	1999 01 06.96630	08 33 59.33	+09 12 28.7	17.0	120
1999 AB	1999 01 15.43225	04 34 05.81	+35 52 09.7		411	1999 AK	1999 01 06.98343	08 33 58.55	+09 12 27.4		120
1999 AB	1999 01 15.43547	04 34 05.73	+35 52 07.4		411	1999 AK	1999 01 07.01998	08 33 56.71	+09 12 25.4		120
1999 AC	* 1999 01 06.20422	04 18 52.26	+20 29 31.9	19.0 R	684	1999 AK	1999 01 13.92189	08 28 06.19	+09 08 17.1	17.5	120
1999 AC	1999 01 06.22897	04 18 51.42	+20 29 27.7		684	1999 AK	1999 01 13.94005	08 28 05.19	+09 08 17.0		120
1999 AC	1999 01 07.17694	04 18 19.62	+20 27 20.2	19.2 R	684	1999 AK	1999 01 18.42975	08 23 54.75	+09 08 56.4	17.2	704
1999 AC	1999 01 07.19685	04 18 18.93	+20 27 18.4		684	1999 AK	1999 01 18.45179	08 23 53.47	+09 08 57.5	17.6	704
1999 AD	1998 12 15.23318	04 10 07.32	+14 49 38.2	16.9	704	1999 AK	1999 01 18.47392	08 23 52.21	+09 08 58.2	17.9	704
1999 AD	1998 12 15.24806	04 10 06.61	+14 49 36.7	17.2	704	1999 AK	1999 01 18.49613	08 23 50.91	+09 08 58.0	17.8	704
1999 AD	1998 12 15.26297	04 10 05.85	+14 49 34.1	16.5	704	1999 AK	1999 01 18.51816	08 23 49.68	+09 08 59.1	18.0	704
1999 AD	1998 12 15.27789	04 10 04.95	+14 49 32.2	16.5	704	1999 AK	1999 01 20.31975	08 22 06.27	+09 09 57.2		704
1999 AD	1998 12 15.29273	04 10 04.16	+14 49 31.2	17.2	704	1999 AK	1999 01 20.34180	08 22 05.02	+09 09 57.8	18.2	704
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1999 AD	1998 12 22.13129	04 04 57.45	+14 38 08.5		704	1999 AK	1999 01 20.40919	08 22 00.99	+09 09 58.5	18.7	704
1999 AD	1998 12 22.15397	04 04 56.50	+14 38 07.6	17.6	704	1999 AL	* 1999 01 06.01368	08 36 15.15	+13 19 32.0	17.8	120
1999 AD	* 1999 01 05.78970	03 59 15.55	+14 38 28.7	17.5	120	1999 AL	1999 01 06.03656	08 36 14.19	+13 19 37.7		120
1999 AD	1999 01 05.81037	03 59 15.36	+14 38 30.2		120	1999 AL	1999 01 06.06075	08 36 13.06	+13 19 43.1		120
1999 AD	1999 01 05.83708	03 59 15.11	+14 38 31.7		120	1999 AL	1999 01 06.96412	08 35 33.64	+13 23 21.7	18.0	120
1999 AD	1999 01 06.82514	03 59 09.03	+14 39 44.9	17.5	120	1999 AL	1999 01 06.98118	08 35 32.80	+13 23 26.0		120
1999 AE	1998 11 16.51353	08 10 40.20	+19 24 04.5	18.8 V	691	1999 AL	1999 01 07.01759	08 35 31.17	+13 23 35.3		120
1999 AE	1998 11 16.52716	08 10 40.70	+19 24 00.2	18.9 V	691	1999 AL	1999 01 13.92475	08 30 08.10	+13 53 43.0	17.8	120
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1999 AE	1998 11 24.41101	08 14 37.27	+18 48 47.9	18.9 V	691	1999 AL	1999 01 23.83252	08 21 47.41	+14 41 54.7	18.1	120
1999 AE	1998 11 24.43344	08 14 37.69	+18 48 42.5	18.8 V	691	1999 AL	1999 01 23.85375	08 21 46.30	+14 42 01.5		120
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1999 AE	* 1999 01 05.85034	07 54 48.87	+17 30 39.4	18.0	120	1999 AM	1999 01 05.82877	07 15 28.87	+26 29 13.1	19 V I	557
1999 AE	1999 01 05.87036	07 54 47.50	+17 30 40.1		120	1999 AM	1999 01 06.12061	07 15 12.05	+26 29 23.9		557
1999 AE	1999 01 05.89523	07 54 45.91	+17 30 39.5		120	1999 AM	1999 01 06.12260	07 15 11.94	+26 29 24.2		557
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1999 AE	1999 01 06.88733	07 53 40.05	+17 30 53.7		120	1999 AM	1999 01 06.80398	07 14 33.72	+26 29 47.0	19.2 V	557
1999 AE	1999 01 14.90508	07 44 34.60	+17 34 31.4	18.0	120	1999 AN	1998 12 17.42361	07 35 07.38	+25 38 08.6	19.4	704
1999 AE	1999 01 14.92594	07 44 33.05	+17 34 32.3		120	1999 AN	1998 12 17.44633	07 35 06.35	+25 38 11.7	19.2	704
1999 AE	1999 01 14.94053	07 44 32.06	+17 34 33.0		120	1999 AN	1998 12 17.46902	07 35 05.38	+25 38 15.7	20.2	704
1999 AE	1999 01 15.79251	07 43 34.35	+17 35 03.6	18.0	120	1999 AN	1998 12 17.49177	07 35 04.33	+25 38 21.1	19.4	704
1999 AE	1999 01 15.82020	07 43 32.51	+17 35 04.5		120	1999 AN	1998 12 17.51501	07 35 03.22	+25 38 23.5	19.4	704
1999 AF	* 1999 01 05.87036	07 55 08.23	+17 24 14.7	17.8	120	1999 AN	* 1999 01 05.82877	07 15 57.40	+26 31 32.8		557
1999 AF	1999 01 06.87683	07 54 08.23	+17 27 50.3		120	1999 AN	1999 01 06.12061	07 15 36.60	+26 32 12.3		557
1999 AF	1999 01 06.88733	07 54 07.54	+17 27 52.8	18.0	120	1999 AN	1999 01 06.12260	07 15 36.45	+26 32 12.6		557
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1999 AF	1999 01 14.90508	07 45 42.37	+17 59 01.3	17.7	120	1999 AN	1999 01 06.80398	07 14 49.66	+26 33 44.2		557
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1999 AF	1999 01 15.78946	07 44 45.51	+18 02 37.4	17.8	120	1999 AN	1999 01 07.06519	07 14 30.95	+26 34 19.5	18.1 V	557
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1999 AF	1999 01 17.78558	07 42 36.87	+18 10 52.3	17.8	120	1999 AN	1999 01 08.75150	07 12 33.54	+26 37 52.5		557
1999 AF	1999 01 17.80744	07 42 35.46	+18 10 58.0		120	1999 AN	1999 01 08.75348	07 12 33.40	+26 37 52.8		557
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1999 AG	1999 01 06.94009	08 06 51.45	+18 20 02.4		120	1999 AP	1999 01 05.84097	03 51 13.82	+28 22 18.4		595
1999 AG	1999 01 06.99236	08 06 48.42	+18 20								

1999 AS	1999 01	26.48834	07 51 57.98	+27 34 05.0	411	1999 AH ₁	1999 01	08.35634	08 54 11.59	+16 30 40.5	20.4 V	691
1999 AT	* 1999 01	07.60165	08 11 30.54	+26 30 06.4	17	1999 AH ₁	1999 01	08.37826	08 54 10.53	+16 30 46.0	20.4 V	691
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1999 AT	1999 01	08.60697	08 10 34.30	+26 36 32.2	411	1999 AJ ₁	1999 01	07.50777	08 57 15.26	+16 30 39.6	18.6 V	691
1999 AT	1999 01	08.61216	08 10 33.95	+26 36 34.6	411	1999 AJ ₁	1999 01	07.53789	08 57 13.83	+16 30 40.5	18.6 V	691
1999 AT	1999 01	13.50969	08 05 46.75	+27 06 56.3	411	1999 AJ ₁	1999 01	08.33605	08 56 37.11	+16 31 15.6	18.2 V	691
1999 AT	1999 01	13.52417	08 05 45.82	+27 07 01.6	411	1999 AJ ₁	1999 01	08.35801	08 56 36.02	+16 31 16.6	18.3 V	691
1999 AT	1999 01	22.48903	07 56 34.85	+27 55 46.5	411	1999 AJ ₁	1999 01	08.37993	08 56 34.91	+16 31 17.7	18.4 V	691
1999 AT	1999 01	22.50365	07 56 33.91	+27 55 51.5	411	1999 AJ ₁	1999 01	10.38030	08 54 57.34	+16 33 00.4	19.0 R	699
1999 AU	* 1999 01	07.63635	08 14 06.11	+25 52 48.4	16	1999 AJ ₁	1999 01	10.40583	08 54 55.97	+16 33 02.5		699
1999 AU	1999 01	07.65528	08 14 04.73	+25 52 48.3	411	1999 AJ ₁	1999 01	10.43139	08 54 54.60	+16 33 04.0		699
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1999 AU	1999 01	08.60054	08 12 58.31	+25 51 57.5	411	1999 AJ ₁	1999 01	16.94568	08 48 58.85	+16 40 56.0		120
1999 AU	1999 01	13.51330	08 06 59.25	+25 46 29.1	411	1999 AJ ₁	1999 01	16.94790	08 48 58.82	+16 40 56.4		120
1999 AU	1999 01	13.52778	08 06 58.12	+25 46 27.6	411	1999 AJ ₁	1999 01	17.32704	08 48 36.47	+16 41 31.2	18.7 V	691
1999 AU	1999 01	19.30518	07 59 37.45	+25 37 10.3	17.1	1999 AJ ₁	1999 01	17.34894	08 48 35.13	+16 41 32.8	18.5 V	691
1999 AU	1999 01	19.32738	07 59 35.69	+25 37 08.2	17.5	1999 AK ₁	* 1999 01	07.47854	08 58 34.08	+16 29 09.1	20.5 V	691
1999 AU	1999 01	19.37169	07 59 32.18	+25 37 03.1	704	1999 AK ₁	1999 01	07.50866	08 58 32.62	+16 29 18.9	20.4 V	691
1999 AU	1999 01	19.39374	07 59 30.42	+25 37 00.2	17.3	1999 AK ₁	1999 01	07.53878	08 58 31.16	+16 29 28.7	20.4 V	691
1999 AU	1999 01	22.48611	07 55 33.47	+25 30 32.4	411	1999 AK ₁	1999 01	08.33693	08 57 53.15	+16 33 57.7	20.4 V	691
1999 AU	1999 01	22.50073	07 55 32.32	+25 30 31.1	411	1999 AK ₁	1999 01	08.35889	08 57 52.05	+16 34 04.7	20.5 V	691
1999 AV	* 1999 01	07.63792	08 12 42.22	+26 11 38.5	16.5	1999 AK ₁	1999 01	08.38081	08 57 50.94	+16 34 12.2	20.4 V	691
1999 AV	1999 01	07.65686	08 12 41.06	+26 11 41.2	411	1999 AL ₁	* 1999 01	07.47985	09 00 27.65	+16 27 17.4	18.6 V	691
1999 AV	1999 01	08.60423	08 11 46.37	+26 14 41.3	411	1999 AL ₁	1999 01	07.50997	09 00 26.15	+16 27 23.3	18.7 V	691
1999 AV	1999 01	08.60942	08 11 46.07	+26 14 42.3	411	1999 AL ₁	1999 01	07.54009	09 00 24.65	+16 27 29.0	18.7 V	691
1999 AV	1999 01	13.51149	08 06 44.53	+26 29 16.9	411	1999 AL ₁	1999 01	08.33824	08 59 46.57	+16 30 12.7	18.7 V	691
1999 AV	1999 01	13.52597	08 06 43.56	+26 29 20.3	411	1999 AL ₁	1999 01	08.36019	08 59 45.44	+16 30 17.6	18.7 V	691
1999 AV	1999 01	22.49049	07 56 49.61	+26 49 32.6	411	1999 AL ₁	1999 01	08.38212	08 59 44.30	+16 30 22.0	18.7 V	691
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1999 AW	* 1999 01	07.63792	08 13 06.57	+26 03 32.7	17	1999 AM ₁	1999 01	07.09135	01 25 46.32	+09 24 39.9	20.9 V	691
1999 AW	1999 01	07.65686	08 13 05.49	+26 03 41.2	411	1999 AM ₁	1999 01	07.11261	01 25 46.99	+09 24 46.2	20.9 V	691
1999 AW	1999 01	08.60423	08 12 13.53	+26 11 06.7	411	1999 AM ₁	1999 01	09.08057	01 26 53.98	+09 34 46.4	21.4 V	691
1999 AW	1999 01	08.60942	08 12 13.19	+26 11 09.0	411	1999 AM ₁	1999 01	09.10218	01 26 54.77	+09 34 51.6	20.9 V	691
1999 AW	1999 01	13.51510	08 07 27.13	+26 48 50.2	411	1999 AM ₁	1999 01	09.12354	01 26 55.51	+09 34 59.1	21.1 V	691
1999 AW	1999 01	13.52958	08 07 26.13	+26 48 55.1	411	1999 AN ₁	* 1999 01	07.07723	01 35 50.23	+09 26 05.5	19.9 V	691
1999 AW	1999 01	22.49194	07 58 07.17	+27 51 08.9	411	1999 AN ₁	1999 01	07.09832	01 35 50.55	+09 26 12.5	20.2 V	691
1999 AW	1999 01	22.50656	07 58 06.26	+27 51 14.4	411	1999 AN ₁	1999 01	07.11959	01 35 50.87	+09 26 19.2	20.0 V	691
1999 AX	* 1999 01	07.67264	08 15 59.25	+25 15 19.9	17	1999 AN ₁	1999 01	09.08716	01 36 24.43	+09 36 42.1	20.6 V	691
1999 AX	1999 01	07.69158	08 15 58.23	+25 15 29.6	411	1999 AN ₁	1999 01	09.10876	01 36 24.82	+09 36 48.6	21.2 V	691
1999 AX	1999 01	08.61929	08 15 09.06	+25 23 18.5	411	1999 AN ₁	1999 01	09.13011	01 36 25.22	+09 36 55.7	21.1 V	691
1999 AX	1999 01	08.62511	08 15 08.78	+25 23 21.3	411	1999 AO ₁	* 1999 01	07.07779	01 36 38.92	+09 30 27.6	20.2 V	691
1999 AX	1999 01	13.52052	08 10 35.50	+26 04 23.0	411	1999 AO ₁	1999 01	07.09889	01 36 39.51	+09 30 34.8	20.5 V	691
1999 AX	1999 01	13.53500	08 10 34.69	+26 04 29.8	411	1999 AO ₁	1999 01	07.12015	01 36 40.11	+09 30 41.9	20.0 V	691
1999 AX	1999 01	22.49635	08 01 39.12	+27 16 23.2	411	1999 AO ₁	1999 01	09.08802	01 37 39.19	+09 41 45.7	20.7 V	691
1999 AX	1999 01	22.51094	08 01 38.20	+27 16 30.0	411	1999 AO ₁	1999 01	09.10963	01 37 39.84	+09 41 52.1	20.8 V	691
1999 AY	* 1999 01	07.67580	08 14 46.22	+26 15 13.7	17	1999 AO ₁	1999 01	09.13098	01 37 40.46	+09 41 59.7	20.7 V	691
1999 AY	1999 01	07.69474	08 14 45.19	+26 15 15.0	411	1999 AO ₁	1999 01	13.09494	01 39 52.87	+10 05 10.1	20.2 V	691
1999 AY	1999 01	08.61768	08 13 56.11	+26 16 35.3	411	1999 AO ₁	1999 01	13.15890	01 39 55.06	+10 05 33.2	20.5 V	691
1999 AY	1999 01	08.63625	08 13 55.10	+26 16 36.8	411	1999 AP ₁	* 1999 01	07.13628	03 21 30.94	+18 24 05.3	19.7 V	691
1999 AY	1999 01	13.51691	08 09 27.36	+26 22 51.3	411	1999 AP ₁	1999 01	07.18112	03 21 30.63	+18 24 13.9	19.9 V	691
1999 AY	1999 01	13.53139	08 09 26.51	+26 22 52.8	411	1999 AP ₁	1999 01	09.14672	03 21 23.17	+18 30 49.2	20.2 V	691
1999 AY	1999 01	26.50286	07 57 12.36	+26 32 09.9	411	1999 AP ₁	1999 01	09.16912	03 21 23.04	+18 30 54.2	20.1 V	691
1999 AY	1999 01	26.50770	07 57 12.05	+26 32 09.3	411	1999 AP ₁	1999 01	09.19106	03 21 22.96	+18 30 59.6	19.8 V	691
1999 AZ	* 1999 01	07.67895	08 14 43.20	+26 48 03.6	17.5	1999 AQ ₁	* 1999 01	08.18659	08 07 21.25	+19 58 15.0	19.9 V	691
1999 AZ	1999 01	07.69789	08 14 42.17	+26 48 17.0	411	1999 AQ ₁	1999 01	08.20877	08 07 20.12	+19 58 16.7	20.3 V	691
1999 AZ	1999 01	08.61622	08 13 54.32	+26 58 59.7	411	1999 AQ ₁	1999 01	08.23111	08 07 18.99	+19 58 18.4	19.9 V	691
1999 AZ	1999 01	08.62220	08 13 53.92	+26 59 04.4	411	1999 AQ ₁	1999 01	09.33906	08 06 23.37	+19 59 46.8	19.8 V	691
1999 AZ	1999 01	13.51872	08 09 22.69	+27 55 34.3	411	1999 AQ ₁	1999 01	09.36393	08 06 22.08	+19 59 48.5	19.7 V	691
1999 AZ	1999 01	13.53319	08 09 21.83	+27 55 44.3	411	1999 AQ ₁	1999 01	09.38617	08 06 20.93	+19 59 50.4	19.9 V	691
1999 AZ	1999 01	22.49340	08 00 27.84	+29 32 42.6	411	1999 AR ₁	* 1999 01	08.19791	08 23 42.16	+20 25 38.3	20.2 V	691
1999 AZ	1999 01	22.50802	08 00 26.96	+29 32 50.8	411	1999 AR ₁	1999 01	08.22009	08 23 40.92	+20 25 44.8	20.0 V	691
1999 AA ₁	* 1999 01	07.38370	08 11 26.02	+19 01 32.9	19.4 V	1999 AR ₁	1999 01	08.24243	08 23 39.65	+20 25 51.8	20.1 V	691
1999 AA ₁	1999 01	07.40582	08 11 24.69	+19 01 36.0	19.3 V	1999 AR ₁	1999 01	09.23195	08 22 44.12	+20 30 51.3	20.9 V	691
1999 AA ₁	1999 01	08.25696	08 10 34.82	+19 03 48.2	19.4 V	1999 AR ₁	1999 01	09.27263	08 22 41.78	+20 31 04.1	20.9 V	691
1999 AA ₁	1999 01	08.27926	08 10 33.43	+19 03 51.5	19.2 V	1999 AR ₁	1999 01	09.30204	08 22 40.09	+20 31 13.0	20.7 V	691
1999 AA ₁	1999 01	08.30161	08 10 32.09	+19 03 55.3	19.2 V	1999 AR ₁	1999 01	19.19136	08 12 55.28	+21 20 54.2	19.8 V	691
1999 AB ₁	* 1999 01	07.46327	08 36 31.65	+16 26 30.0	18.3 V	1999 AR ₁	1999 01	19.21375	08 12 53.87	+21 21 01.1	19.7 V	691
1999 AB ₁	1999 01	07.49340	08 36 30.14	+16 26 50.4	18.1 V	1999 AR ₁	1999 01	19.23570	08 12 52.54	+21 21 07.9	20.0 V	691
1999 AB ₁	1999 01	07.52352	08 36 28.68	+16 27 10.8	18.0 V	1999 AR ₁	1999 01	22.30383	08 09 46.32	+21 35 59.2	20.0 V	691
1999 AB ₁	1999 01	08.32175	08 35 50.30	+16 36 16.2	18.1 V	1999 AR ₁	1999 01	22.31035	08 09 45.93	+21 36 01.1	19.9 V	691
1999 AB ₁	1999 01	08.34371	08 35 49.20	+16 36 31.3	18.1 V	1999 AR ₁	1999 01	22.31634	08 09 45.51	+21 36 02.8	20.0 V	691
1999 AB ₁	1999 01	08.36564	08 35 48.08	+16 36 46.5	18.0 V	1999 AS ₁	* 1999 01	08.19810	08 23 59.01	+20 02 42.0	19.6 V	691
1999 AC ₁	* 1999 01											

1999 AW ₁	1999 01	08.22244	08 27 04.68	+20 03 09.1	20.1 V	691	1999 AD ₂	1999 01	22.52889	08 20 26.16	+27 16 56.9	411
1999 AW ₁	1999 01	08.24478	08 27 02.88	+20 03 07.2	20.1 V	691	1999 AE ₂	* 1999 01	09.56822	08 35 37.90	+26 38 19.9	17 411
1999 AW ₁	1999 01	09.35236	08 25 35.65	+20 00 51.9	20.2 V	691	1999 AE ₂	1999 01	09.58731	08 35 36.92	+26 38 26.6	411
1999 AW ₁	1999 01	09.37723	08 25 33.63	+20 00 48.6	19.9 V	691	1999 AE ₂	1999 01	10.50947	08 34 51.39	+26 43 10.5	411
1999 AW ₁	1999 01	09.39945	08 25 31.83	+20 00 46.0	20.1 V	691	1999 AE ₂	1999 01	10.52032	08 34 50.83	+26 43 13.5	411
1999 AX ₁	* 1999 01	08.20114	08 28 22.48	+20 23 21.0	18.8 V	691	1999 AE ₂	1999 01	14.59692	08 31 17.27	+27 03 46.5	411
1999 AX ₁	1999 01	08.22332	08 28 21.24	+20 23 29.3	18.7 V	691	1999 AE ₂	1999 01	14.61314	08 31 16.39	+27 03 51.7	411
1999 AX ₁	1999 01	08.24567	08 28 19.97	+20 23 37.7	18.7 V	691	1999 AE ₂	1999 01	16.55486	08 29 29.47	+27 13 12.9	17.1 399
1999 AX ₁	1999 01	09.23518	08 27 24.52	+20 29 44.1	18.9 V	691	1999 AE ₂	1999 01	16.56910	08 29 28.52	+27 13 17.5	399
1999 AX ₁	1999 01	09.27587	08 27 22.15	+20 29 59.1	19.1 V	691	1999 AE ₂	1999 01	17.52334	08 28 34.84	+27 17 50.7	17.1 399
1999 AX ₁	1999 01	09.30528	08 27 20.44	+20 30 09.9	18.8 V	691	1999 AE ₂	1999 01	17.53775	08 28 34.06	+27 17 54.2	399
1999 AX ₁	1999 01	19.31406	08 17 13.38	+21 32 45.6	18.3 V	691	1999 AE ₂	1999 01	22.51803	08 23 47.06	+27 40 01.0	411
1999 AX ₁	1999 01	19.33691	08 17 11.86	+21 32 54.1	18.3 V	691	1999 AE ₂	1999 01	22.53432	08 23 46.07	+27 40 06.0	411
1999 AX ₁	1999 01	19.36043	08 17 10.33	+21 33 03.2	18.2 V	691	1999 AF ₂	* 1999 01	09.57598	07 50 23.05	+25 54 59.5	16.5 411
1999 AY ₁	* 1999 01	08.26878	08 27 39.19	+19 27 02.0	17.6 V	691	1999 AF ₂	1999 01	09.59594	07 50 21.64	+25 55 03.0	411
1999 AY ₁	1999 01	08.29109	08 27 38.01	+19 27 12.1	17.6 V	691	1999 AF ₂	1999 01	10.43861	07 49 27.66	+25 57 32.1	411
1999 AY ₁	1999 01	08.31344	08 27 36.82	+19 27 22.1	17.6 V	691	1999 AF ₂	1999 01	10.44113	07 49 27.46	+25 57 32.3	411
1999 AY ₁	1999 01	09.35314	08 26 42.99	+19 35 03.3	17.6 V	691	1999 AF ₂	1999 01	14.57980	07 44 54.51	+26 09 01.6	411
1999 AY ₁	1999 01	09.37801	08 26 41.63	+19 35 14.8	17.6 V	691	1999 AF ₂	1999 01	14.58254	07 44 54.29	+26 09 01.9	411
1999 AY ₁	1999 01	09.40024	08 26 40.41	+19 35 24.4	17.5 V	691	1999 AF ₂	1999 01	15.57372	07 43 48.16	+26 11 41.2	15.4 R 426
1999 AY ₁	1999 01	15.22800	08 21 17.23	+20 19 42.0	17.6 V	691	1999 AF ₂	1999 01	15.57786	07 43 47.87	+26 11 41.6	15.6 R 426
1999 AY ₁	1999 01	15.25029	08 21 15.89	+20 19 52.5	17.6 V	691	1999 AF ₂	1999 01	15.58223	07 43 47.54	+26 11 42.3	15.6 R 426
1999 AY ₁	1999 01	15.27442	08 21 14.43	+20 20 03.8	17.6 V	691	1999 AF ₂	1999 01	16.57332	07 42 41.37	+26 14 05.7	15.4 R 426
1999 AZ ₁	* 1999 01	08.39997	08 44 24.83	+17 30 44.9	18.5 V	691	1999 AF ₂	1999 01	16.58697	07 42 40.39	+26 14 08.3	15.4 R 426
1999 AZ ₁	1999 01	08.42189	08 44 23.67	+17 30 53.2	18.5 V	691	1999 AF ₂	1999 01	16.59982	07 42 39.51	+26 14 09.8	15.7 R 426
1999 AZ ₁	1999 01	08.44401	08 44 22.60	+17 31 01.7	18.4 V	691	1999 AF ₂	1999 01	22.46323	07 36 13.31	+26 25 50.3	411
1999 AZ ₁	1999 01	09.42485	08 43 33.91	+17 37 23.0	18.4 V	691	1999 AF ₂	1999 01	22.46576	07 36 13.13	+26 25 50.4	411
1999 AZ ₁	1999 01	09.45089	08 43 32.55	+17 37 33.4	18.5 V	691	1999 AG ₂	* 1999 01	09.60321	08 37 32.77	+26 06 37.1	16.5 411
1999 AZ ₁	1999 01	09.48129	08 43 30.97	+17 37 45.1	18.2 V	691	1999 AG ₂	1999 01	09.62215	08 37 31.57	+26 06 42.5	411
1999 AA ₂	1998 12	15.47680	07 31 57.26	+19 18 13.6	19.1	704	1999 AG ₂	1999 01	10.51308	08 36 36.11	+26 10 57.9	411
1999 AA ₂	1998 12	15.49160	07 31 56.62	+19 18 09.2	18.5	704	1999 AG ₂	1999 01	10.52394	08 36 35.38	+26 11 00.8	411
1999 AA ₂	1998 12	15.50637	07 31 56.04	+19 18 10.5	18.5	704	1999 AG ₂	1999 01	16.55486	08 29 52.60	+26 38 40.9	17.0 399
1999 AA ₂	1998 12	15.52116	07 31 55.29	+19 18 09.3	18.8	704	1999 AG ₂	1999 01	16.56910	08 29 51.54	+26 38 45.8	399
1999 AA ₂	1998 12	22.41622	07 26 08.36	+19 16 24.4	18.6	704	1999 AG ₂	1999 01	17.52334	08 28 44.54	+26 42 52.8	17.0 399
1999 AA ₂	1998 12	22.43902	07 26 07.16	+19 16 23.8	18.4	704	1999 AG ₂	1999 01	17.53775	08 28 43.55	+26 42 54.9	399
1999 AA ₂	1998 12	22.46181	07 26 05.82	+19 16 24.7	18.5	704	1999 AH ₂	* 1999 01	09.60759	07 55 00.24	+27 37 23.5	17 411
1999 AA ₂	1998 12	22.48466	07 26 04.73	+19 16 24.7	18.8	704	1999 AH ₂	1999 01	09.62755	07 54 59.00	+27 37 28.4	411
1999 AA ₂	* 1999 01	06.84749	07 10 35.22	+19 18 24.9	17.8	120	1999 AH ₂	1999 01	10.44633	07 54 06.99	+27 39 53.5	411
1999 AA ₂	1999 01	06.85598	07 10 34.64	+19 18 25.5		120	1999 AH ₂	1999 01	10.46021	07 54 06.00	+27 39 56.7	411
1999 AA ₂	1999 01	06.89631	07 10 32.01	+19 18 26.7		120	1999 AH ₂	1999 01	14.58604	07 49 39.08	+27 51 12.7	411
1999 AA ₂	1999 01	09.89094	07 07 22.72	+19 19 22.3	17.9	120	1999 AH ₂	1999 01	14.58901	07 49 38.88	+27 51 13.2	411
1999 AA ₂	1999 01	09.90111	07 07 22.05	+19 19 22.8		120	1999 AH ₂	1999 01	22.47415	07 41 12.47	+28 07 16.1	411
1999 AA ₂	1999 01	09.91215	07 07 21.37	+19 19 23.1		120	1999 AH ₂	1999 01	22.47794	07 41 12.19	+28 07 16.5	411
1999 AA ₂	1999 01	11.91547	07 05 16.01	+19 20 02.2	18.2	120	1999 AJ ₂	* 1999 01	09.61268	08 37 01.62	+28 19 35.2	18.5 411
1999 AA ₂	1999 01	11.91758	07 05 15.86	+19 20 02.2		120	1999 AJ ₂	1999 01	09.63167	08 37 00.68	+28 19 41.1	411
1999 AA ₂	1999 01	13.89244	07 03 14.08	+19 20 43.8	18.2	120	1999 AJ ₂	1999 01	10.53116	08 36 17.89	+28 24 56.1	411
1999 AA ₂	1999 01	13.91473	07 03 12.67	+19 20 43.1		120	1999 AJ ₂	1999 01	10.53838	08 36 17.50	+28 24 59.8	411
1999 AA ₂	1999 01	15.76072	07 01 21.12	+19 21 21.1	18.0	120	1999 AJ ₂	1999 01	16.52539	08 31 15.75	+28 59 02.6	411
1999 AA ₂	1999 01	15.77032	07 01 20.47	+19 21 21.1		120	1999 AJ ₂	1999 01	16.52861	08 31 15.59	+28 59 03.9	411
1999 AA ₂	1999 01	15.77943	07 01 19.92	+19 21 21.6		120	1999 AJ ₂	1999 01	16.53344	08 31 15.30	+28 59 05.5	411
1999 AA ₂	1999 01	19.76845	06 57 27.80	+19 22 46.2	18.1	120	1999 AJ ₂	1999 01	22.51984	08 25 54.03	+29 30 31.6	411
1999 AA ₂	1999 01	19.77925	06 57 27.14	+19 22 45.9		120	1999 AJ ₂	1999 01	22.53614	08 25 53.18	+29 30 35.8	411
1999 AB ₂	* 1999 01	06.84749	07 10 37.24	+19 20 47.7		120	1999 AK ₂	* 1999 01	09.63641	08 39 19.68	+24 39 11.8	18.5 411
1999 AB ₂	1999 01	06.85598	07 10 36.52	+19 20 50.5	17.9	120	1999 AK ₂	1999 01	09.65535	08 39 18.62	+24 39 17.2	411
1999 AB ₂	1999 01	06.86561	07 10 35.96	+19 20 53.0		120	1999 AK ₂	1999 01	10.54019	08 38 31.22	+24 43 05.5	411
1999 AB ₂	1999 01	06.89631	07 10 33.97	+19 21 02.2		120	1999 AK ₂	1999 01	10.54775	08 38 30.85	+24 43 08.0	411
1999 AB ₂	1999 01	09.90111	07 07 24.20	+19 35 19.8	18.0	120	1999 AK ₂	1999 01	16.54141	08 32 49.65	+25 08 24.9	411
1999 AB ₂	1999 01	09.91215	07 07 23.48	+19 35 22.9		120	1999 AK ₂	1999 01	16.54869	08 32 49.30	+25 08 26.6	411
1999 AB ₂	1999 01	11.87464	07 05 20.79	+19 44 43.1	18.2	120	1999 AK ₂	1999 01	22.52347	08 26 47.08	+25 31 26.4	411
1999 AB ₂	1999 01	11.88589	07 05 20.10	+19 44 45.5		120	1999 AK ₂	1999 01	22.53977	08 26 45.96	+25 31 30.2	411
1999 AB ₂	1999 01	11.91156	07 05 18.53	+19 44 54.7	18.0	120	1999 AL ₂	* 1999 01	09.64115	08 39 00.81	+25 51 25.5	17 411
1999 AB ₂	1999 01	13.90065	07 03 15.84	+19 54 19.1	18.0	120	1999 AL ₂	1999 01	09.66010	08 38 59.82	+25 51 27.8	411
1999 AB ₂	1999 01	13.91181	07 03 15.15	+19 54 22.3		120	1999 AL ₂	1999 01	10.51669	08 38 14.31	+25 52 45.1	411
1999 AB ₂	1999 01	19.74253	06 57 33.10	+20 21 29.7	18.4	120	1999 AL ₂	1999 01	10.52755	08 38 13.80	+25 52 46.3	411
1999 AB ₂	1999 01	21.85663	06 55 37.56	+20 31 06.3	18.4	120	1999 AL ₂	1999 01	14.60413	08 34 28.50	+25 58 33.2	411
1999 AB ₂	1999 01	23.78008	06 53 57.77	+20 39 36.5	18.6	120	1999 AL ₂	1999 01	14.62036	08 34 27.56	+25 58 33.6	411
1999 AB ₂	1999 01	23.79133	06 53 57.11	+20 39 39.6		120	1999 AL ₂	1999 01	16.55486	08 32 36.78	+26 00 56.1	17.1 399
1999 AC ₂	1998 12	15.46208	07 34 52.08	+18 38 31.4	18.6	704	1999 AL ₂	1999 01	16.56910	08 32 35.93	+26 00 59.8	399
1999 AC ₂	1998 12	15.47680	07 34 51.34	+18 38 34.6	18.7	704	1999 AL ₂	1999 01	17.52334	08 31 40.87	+26 02 05.6	17.1 399
1999 AC ₂	1998 12	15.49160	07 34 50.61	+18 38 34.8	18.1	704	1999 AL ₂	1999 01	17.53775	08 31 39.97	+26 02 07.3	399
1999 AC ₂	1998 12	15.50637										

1999 AQ ₂	* 1999 01	09.72098	10 40 15.32	+17 20 05.8	18	411	1999 AE ₃	1999 01	19.28050	09 05 03.68	+12 48 53.2	17.7 R	747
1999 AQ ₂	1999 01	09.73992	10 40 15.21	+17 20 08.3		411	1999 AE ₃	1999 01	25.15795	09 00 04.01	+13 46 56.9		747
1999 AQ ₂	1999 01	10.59076	10 40 13.53	+17 22 00.4		411	1999 AE ₃	1999 01	25.17182	09 00 03.27	+13 47 05.2		747
1999 AQ ₂	1999 01	10.62438	10 40 13.40	+17 22 05.5		411	1999 AE ₃	1999 01	25.18513	09 00 02.50	+13 47 12.7	18.4 R	747
1999 AQ ₂	1999 01	13.81199	10 39 51.37	+17 30 09.9	17.5 V	888	1999 AE ₃	1999 01	27.93964	08 57 35.41	+14 15 16.4	18.5	120
1999 AQ ₂	1999 01	13.82253	10 39 51.23	+17 30 11.8		888	1999 AE ₃	1999 01	27.95944	08 57 34.04	+14 15 29.1		120
1999 AQ ₂	1999 01	14.72703	10 39 41.24	+17 32 46.2	17.5 V	888	1999 AF ₃	* 1999 01	07.07618	01 08 49.28	-03 31 45.3	18.1	704
1999 AQ ₂	1999 01	14.75523	10 39 40.82	+17 32 51.0		888	1999 AF ₃	1999 01	07.08656	01 08 49.91	-03 31 27.4	19.0	704
1999 AR ₂	* 1999 01	09.72414	10 40 45.22	+18 08 13.9	18	411	1999 AF ₃	1999 01	07.09722	01 08 50.67	-03 31 14.0	18.6	704
1999 AR ₂	1999 01	09.74308	10 40 45.18	+18 08 18.7		411	1999 AF ₃	1999 01	07.10767	01 08 51.42	-03 30 56.2	18.9	704
1999 AR ₂	1999 01	10.60427	10 40 43.10	+18 11 46.7		411	1999 AF ₃	1999 01	11.08980	01 13 41.11	-01 52 33.6	19.0	704
1999 AR ₂	1999 01	10.62616	10 40 42.92	+18 11 52.7		411	1999 AF ₃	1999 01	11.10092	01 13 42.03	-01 52 15.9	18.9	704
1999 AR ₂	1999 01	21.63168	10 37 53.31	+19 06 10.2		411	1999 AF ₃	1999 01	11.11207	01 13 42.65	-01 52 00.9	18.4	704
1999 AR ₂	1999 01	21.64075	10 37 53.08	+19 06 13.5		411	1999 AF ₃	1999 01	11.12289	01 13 43.39	-01 51 44.4	18.7	704
1999 AS ₂	* 1999 01	09.76675	10 42 13.98	+19 27 49.5	18	411	1999 AG ₃	* 1999 01	07.13675	01 58 08.50	+06 51 17.0	16.8	704
1999 AS ₂	1999 01	09.78569	10 42 13.56	+19 27 51.2		411	1999 AG ₃	1999 01	07.14755	01 58 08.62	+06 51 32.2	17.0	704
1999 AS ₂	1999 01	10.60609	10 41 58.80	+19 28 00.2		411	1999 AG ₃	1999 01	07.15839	01 58 08.87	+06 51 44.6	16.8	704
1999 AS ₂	1999 01	10.62799	10 41 58.35	+19 28 00.8		411	1999 AG ₃	1999 01	07.16919	01 58 09.15	+06 51 59.2	15.8	704
1999 AS ₂	1999 01	21.62806	10 36 31.17	+19 35 05.8		411	1999 AG ₃	1999 01	11.13064	02 00 29.22	+08 13 08.6	17.8	704
1999 AS ₂	1999 01	21.63712	10 36 30.65	+19 35 05.8		411	1999 AG ₃	1999 01	11.14120	02 00 29.65	+08 13 21.6	17.8	704
1999 AT ₂	* 1999 01	09.79516	10 43 06.47	+17 09 13.3	18.5	411	1999 AG ₃	1999 01	11.15183	02 00 30.08	+08 13 35.3	18.0	704
1999 AT ₂	1999 01	09.81409	10 43 06.19	+17 09 18.9		411	1999 AG ₃	1999 01	11.16229	02 00 30.33	+08 13 47.4	17.9	704
1999 AT ₂	1999 01	10.60790	10 42 57.61	+17 13 29.4		411	1999 AG ₃	1999 01	11.17281	02 00 30.81	+08 13 59.5	18.0	704
1999 AT ₂	1999 01	10.62980	10 42 57.35	+17 13 36.2		411	1999 AH ₃	1998 11	13.32926	02 14 04.06	-00 23 26.4	16.9	704
1999 AT ₂	1999 01	21.63350	10 39 17.27	+18 19 13.4		411	1999 AH ₃	1998 11	13.33913	02 14 03.45	-00 23 22.6	17.5	704
1999 AT ₂	1999 01	21.64256	10 39 17.03	+18 19 17.8		411	1999 AH ₃	1998 11	13.34884	02 14 02.93	-00 23 18.3	17.5	704
1999 AU ₂	* 1999 01	09.79989	10 43 46.42	+18 11 25.6	18	411	1999 AH ₃	1998 11	13.35863	02 14 02.72	-00 23 12.4	17.3	704
1999 AU ₂	1999 01	09.81884	10 43 46.11	+18 11 30.2		411	1999 AH ₃	1998 11	13.36840	02 14 01.98	-00 23 10.7	17.3	704
1999 AU ₂	1999 01	10.60970	10 43 36.60	+18 14 26.7		411	1999 AH ₃	1998 12	08.23424	02 03 09.82	+03 19 39.6	17.7	704
1999 AU ₂	1999 01	10.63160	10 43 36.19	+18 14 33.2		411	1999 AH ₃	1998 12	08.24476	02 03 09.87	+03 19 47.7	17.7	704
1999 AU ₂	1999 01	21.63532	10 39 22.11	+19 02 50.4		411	1999 AH ₃	1998 12	08.25571	02 03 09.76	+03 19 56.7	17.7	704
1999 AU ₂	1999 01	21.64438	10 39 21.78	+19 02 52.4		411	1999 AH ₃	1998 12	08.26649	02 03 09.80	+03 20 02.7	17.6	704
1999 AV ₂	* 1999 01	07.26760	08 11 17.61	+22 00 00.0	19.6 V	691	1999 AH ₃	1998 12	08.27705	02 03 09.75	+03 20 12.1	17.6	704
1999 AV ₂	1999 01	07.28283	08 11 16.78	+22 00 00.1	19.7 V	691	1999 AH ₃	* 1999 01	07.14141	02 18 57.10	+09 50 21.0	15.4	704
1999 AV ₂	1999 01	07.29824	08 11 15.93	+22 00 01.1	19.4 V	691	1999 AH ₃	1999 01	07.15211	02 18 57.71	+09 50 29.9	15.4	704
1999 AV ₂	1999 01	10.26220	08 08 36.65	+22 01 35.5	19.3 V	691	1999 AH ₃	1999 01	07.16317	02 18 58.38	+09 50 39.3	15.2	704
1999 AV ₂	1999 01	10.29841	08 08 34.60	+22 01 36.8	19.7 V	691	1999 AH ₃	1999 01	07.17361	02 18 58.95	+09 50 47.8	15.2	704
1999 AV ₂	1999 01	10.32098	08 08 33.35	+22 01 37.6	19.5 V	691	1999 AH ₃	1999 01	11.13544	02 23 13.29	+10 45 51.6	17.6	704
1999 AW ₂	* 1999 01	07.26944	08 13 56.55	+21 48 06.0	19.1 V	691	1999 AH ₃	1999 01	11.14604	02 23 13.98	+10 46 00.7	17.6	704
1999 AW ₂	1999 01	07.28468	08 13 55.76	+21 48 08.2	19.1 V	691	1999 AH ₃	1999 01	11.15662	02 23 14.69	+10 46 10.0	17.7	704
1999 AW ₂	1999 01	07.30008	08 13 54.95	+21 48 11.8	19.3 V	691	1999 AH ₃	1999 01	11.16711	02 23 15.31	+10 46 18.4	17.6	704
1999 AW ₂	1999 01	10.26411	08 11 22.87	+21 57 06.5	18.8 V	691	1999 AH ₃	1999 01	11.17760	02 23 16.01	+10 46 26.8	17.6	704
1999 AW ₂	1999 01	10.30033	08 11 20.93	+21 57 13.0	18.8 V	691	1999 AJ ₃	* 1999 01	15.50614	09 55 09.25	+12 49 23.0	19.8 V	691
1999 AW ₂	1999 01	10.32290	08 11 19.71	+21 57 17.2	18.9 V	691	1999 AJ ₃	1999 01	15.52406	09 55 08.67	+12 49 25.4	20.0 V	691
1999 AX ₂	* 1999 01	07.28133	08 09 06.83	+21 45 37.5	20.1 V	691	1999 AJ ₃	1999 01	15.54184	09 55 08.15	+12 49 28.3	20.2 V	691
1999 AX ₂	1999 01	07.29674	08 09 06.09	+21 45 43.2	20.1 V	691	1999 AJ ₃	1999 01	23.47681	09 50 29.48	+13 14 24.6	19.8 V	691
1999 AX ₂	1999 01	10.26088	08 06 42.57	+22 02 56.2	19.1 V	691	1999 AJ ₃	1999 01	23.49835	09 50 28.60	+13 14 28.7	20.0 V	691
1999 AX ₂	1999 01	10.29710	08 06 40.74	+22 03 09.1	19.1 V	691	1999 AJ ₃	1999 01	23.52246	09 50 27.61	+13 14 33.9	20.0 V	691
1999 AX ₂	1999 01	10.31967	08 06 39.60	+22 03 16.8	19.2 V	691	1999 AK ₃	1999 01	02.14729	00 42 54.81	+11 31 44.3	18.0 R	699
1999 AY ₂	* 1999 01	09.16084	03 41 46.00	+19 00 55.7	20.4 V	691	1999 AK ₃	1999 01	02.17289	00 42 56.67	+11 31 42.9		699
1999 AY ₂	1999 01	09.18323	03 41 45.65	+19 00 58.4	20.0 V	691	1999 AK ₃	1999 01	02.19853	00 42 58.47	+11 31 43.6		699
1999 AY ₂	1999 01	09.20517	03 41 45.32	+19 01 02.4	19.7 V	691	1999 AK ₃	* 1999 01	08.07199	00 50 13.59	+11 36 01.0	18.3	704
1999 AY ₂	1999 01	10.10160	03 41 34.25	+19 03 13.7	20.1 V	691	1999 AK ₃	1999 01	08.08258	00 50 14.34	+11 36 02.1	18.3	704
1999 AY ₂	1999 01	10.13442	03 41 33.78	+19 03 18.7	20.0 V	691	1999 AK ₃	1999 01	08.09438	00 50 15.43	+11 36 02.4	18.8	704
1999 AY ₂	1999 01	10.16811	03 41 33.35	+19 03 23.7	19.9 V	691	1999 AK ₃	1999 01	08.10560	00 50 16.05	+11 36 00.5	18.7	704
1999 AZ ₂	* 1999 01	09.23242	08 23 24.74	+20 54 36.9	20.2 V	691	1999 AK ₃	1999 01	08.11709	00 50 16.96	+11 36 04.7	18.6	704
1999 AZ ₂	1999 01	09.27310	08 23 22.57	+20 55 00.0	20.2 V	691	1999 AK ₃	1999 01	11.07504	00 54 07.86	+11 40 09.2	19.1	704
1999 AZ ₂	1999 01	09.30251	08 23 21.00	+20 55 16.5	20.1 V	691	1999 AK ₃	1999 01	11.08572	00 54 08.61	+11 40 09.7	19.1	704
1999 AZ ₂	1999 01	10.19870	08 22 34.12	+21 03 40.1	19.9 V	691	1999 AK ₃	1999 01	11.09687	00 54 09.57	+11 40 13.5	19.4	704
1999 AZ ₂	1999 01	10.22104	08 22 32.94	+21 03 52.7	20.1 V	691	1999 AK ₃	1999 01	11.10802	00 54 10.42	+11 40 12.2	19.4	704
1999 AZ ₂	1999 01	10.24819	08 22 31.43	+21 04 08.7	19.7 V	691	1999 AL ₃	1998 11	13.43066	04 29 38.41	-00 10 26.1	16.9	704
1999 AA ₃	* 1999 01	09.23528	08 27 32.83	+21 00 05.3	21.4 V	691	1999 AL ₃	1998 11	13.44036	04 29 37.59	-00 10 17.6		704
1999 AA ₃	1999 01	09.27597	08 27 30.74	+21 00 18.1	20.7 V	691	1999 AL ₃	1998 11	13.45019	04 29 36.84	-00 10 08.5		704
1999 AA ₃	1999 01	09.30538	08 27 29.13	+21 00 28.0	20.5 V	691	1999 AL ₃	1998 11	13.46001	04 29 36.12	-00 09 59.9		704
1999 AA ₃	1999 01	10.20157	08 26 43.32	+21 05 15.2	20.3 V	691	1999 AL ₃	1998 11	13.46981	04 29 35.34	-00 09 51.5	17.3	704
1999 AA ₃	1999 01	10.22391	08 26 42.14	+21 05 21.5	20.7 V	691	1999 AL ₃	1998 12	15.23008	03 44 58.43	+10 11 58.7	17.0	704
1999 AA ₃	1999 01	10.25107	08 26 40.67	+21 05 31.0	20.6 V	691	1999 AL ₃	1998 12	15.24500	03 44 57.38	+10 12 18.4	18.9	704
1999 AB ₃	* 1999 01	09.27685	08 28 47.37	+20 58 23.2	18.6 V	691	1999 AL ₃	1998 12	15.2599				

1999 AN ₃	* 1999 01	09.83179	09 09 56.94	+16 56 06.8	17.5 V	888	1999 AV ₃	1999 01	28.60122	09 30 34.53	+22 59 38.0	411
1999 AN ₃	1999 01	09.83971	09 09 56.50	+16 56 07.6		888	1999 AV ₃	1999 01	28.61568	09 30 33.79	+22 59 44.8	411
1999 AN ₃	1999 01	10.85053	09 09 04.33	+16 58 03.5	17.5 V	888	1999 AW ₃	* 1999 01	10.69282	09 42 17.10	+22 29 12.6	18 411
1999 AN ₃	1999 01	10.85506	09 09 04.11	+16 58 03.8		888	1999 AW ₃	1999 01	10.71175	09 42 16.33	+22 29 20.0	411
1999 AN ₃	1999 01	13.67455	09 06 30.32	+17 03 54.4	17.5 V	888	1999 AW ₃	1999 01	11.58554	09 41 43.90	+22 35 33.7	411
1999 AN ₃	1999 01	13.68304	09 06 29.84	+17 03 55.7		888	1999 AW ₃	1999 01	11.59498	09 41 43.46	+22 35 38.3	411
1999 AN ₃	1999 01	14.36421	09 05 50.85	+17 05 25.0	17.5 R	699	1999 AW ₃	1999 01	17.58524	09 37 28.30	+23 19 19.5	411
1999 AN ₃	1999 01	14.40429	09 05 48.46	+17 05 30.9		699	1999 AW ₃	1999 01	17.59795	09 37 27.68	+23 19 24.7	411
1999 AN ₃	1999 01	14.42470	09 05 47.26	+17 05 33.1		699	1999 AW ₃	1999 01	28.59579	09 27 46.45	+24 39 13.4	411
1999 AN ₃	1999 01	17.40342	09 02 49.30	+17 12 25.9	17.5 V	691	1999 AW ₃	1999 01	28.61026	09 27 45.69	+24 39 19.7	411
1999 AN ₃	1999 01	17.42511	09 02 47.90	+17 12 29.0	17.4 V	691	1999 AX ₃	* 1999 01	10.72280	09 43 42.90	+20 24 10.4	17.5 411
1999 AN ₃	1999 01	17.44663	09 02 46.52	+17 12 32.3	17.5 V	691	1999 AX ₃	1999 01	10.74173	09 43 42.25	+20 24 16.4	411
1999 AN ₃	1999 01	18.57949	09 01 36.65	+17 15 13.3	18.0 V	886	1999 AX ₃	1999 01	11.54369	09 43 17.07	+20 28 32.0	411
1999 AN ₃	1999 01	18.59271	09 01 35.73	+17 15 18.2		886	1999 AX ₃	1999 01	11.55274	09 43 16.74	+20 28 34.9	411
1999 AN ₃	1999 01	18.74853	09 01 25.67	+17 15 40.7	17.5 V	888	1999 AX ₃	1999 01	18.61916	09 38 31.58	+21 09 08.1	411
1999 AN ₃	1999 01	18.75693	09 01 25.08	+17 15 41.9		888	1999 AX ₃	1999 01	18.62821	09 38 31.12	+21 09 11.3	411
1999 AN ₃	1999 01	28.66494	08 50 30.14	+17 40 42.9	17 V	888	1999 AX ₃	1999 01	28.59942	09 29 14.53	+22 10 25.6	411
1999 AN ₃	1999 01	28.67174	08 50 29.68	+17 40 43.7		888	1999 AX ₃	1999 01	28.61387	09 29 13.58	+22 10 30.7	411
1999 AO ₃	1998 12	15.45786	07 06 46.36	+11 31 21.6	17.8	704	1999 AY ₃	* 1999 01	10.72911	09 43 10.57	+21 49 08.1	17.5 411
1999 AO ₃	1998 12	15.47259	07 06 45.60	+11 31 13.6		704	1999 AY ₃	1999 01	10.74805	09 43 09.82	+21 49 11.0	411
1999 AO ₃	1998 12	15.48739	07 06 44.92	+11 31 06.5		704	1999 AY ₃	1999 01	11.54185	09 42 39.36	+21 51 02.5	411
1999 AO ₃	1998 12	15.50214	07 06 44.25	+11 30 58.9		704	1999 AY ₃	1999 01	11.55090	09 42 39.04	+21 51 04.3	411
1999 AO ₃	1998 12	15.51694	07 06 43.50	+11 30 51.5		704	1999 AY ₃	1999 01	17.58708	09 38 07.96	+22 06 09.9	411
1999 AO ₃	1998 12	22.40731	07 00 53.83	+10 35 24.8	17.3	704	1999 AY ₃	1999 01	17.59976	09 38 07.33	+22 06 12.0	411
1999 AO ₃	1998 12	22.43012	07 00 52.49	+10 35 14.2	17.5	704	1999 AY ₃	1999 01	28.57587	09 27 36.04	+22 33 39.0	411
1999 AO ₃	1998 12	22.45289	07 00 51.33	+10 35 03.2	17.7	704	1999 AY ₃	1999 01	28.59399	09 27 34.90	+22 33 41.2	411
1999 AO ₃	1998 12	22.47568	07 00 50.07	+10 34 51.4	19.0	704	1999 AZ ₃	* 1999 01	10.75121	09 44 52.86	+17 55 41.3	17.5 411
1999 AO ₃	* 1999 01	10.51601	06 42 28.85	+08 36 50.3	16.5 V	355	1999 AZ ₃	1999 01	10.77015	09 44 52.31	+17 55 44.8	411
1999 AO ₃	1999 01	10.51969	06 42 28.62	+08 36 49.6		355	1999 AZ ₃	1999 01	11.54730	09 44 27.94	+17 58 41.5	411
1999 AO ₃	1999 01	10.54793	06 42 26.97	+08 36 42.0		355	1999 AZ ₃	1999 01	11.55635	09 44 27.55	+17 58 41.8	411
1999 AO ₃	1999 01	10.55463	06 42 26.58	+08 36 39.8		355	1999 AZ ₃	1999 01	18.62278	09 40 08.79	+18 27 35.0	411
1999 AO ₃	1999 01	10.56751	06 42 25.86	+08 36 36.6		355	1999 AZ ₃	1999 01	18.63182	09 40 08.32	+18 27 37.8	411
1999 AO ₃	1999 01	11.57052	06 41 30.00	+08 32 06.4	16.5 V	355	1999 AZ ₃	1999 01	28.60483	09 32 32.65	+19 11 56.1	411
1999 AO ₃	1999 01	11.57362	06 41 29.81	+08 32 05.4		355	1999 AZ ₃	1999 01	28.61930	09 32 31.93	+19 11 59.7	411
1999 AO ₃	1999 01	11.57959	06 41 29.49	+08 32 04.0		355	1999 AA ₄	* 1999 01	10.75279	09 44 52.78	+18 29 04.2	18.5 411
1999 AO ₃	1999 01	11.58259	06 41 29.29	+08 32 03.3		355	1999 AA ₄	1999 01	10.77172	09 44 52.05	+18 29 06.7	411
1999 AO ₃	1999 01	12.57681	06 40 34.81	+08 27 46.0		355	1999 AA ₄	1999 01	11.58737	09 44 21.18	+18 31 27.9	411
1999 AO ₃	1999 01	12.57910	06 40 34.72	+08 27 45.6		355	1999 AA ₄	1999 01	11.60380	09 44 20.53	+18 31 30.5	411
1999 AO ₃	1999 01	12.58138	06 40 34.59	+08 27 44.9		355	1999 AA ₄	1999 01	18.62096	09 39 12.45	+18 53 26.0	411
1999 AO ₃	1999 01	13.53860	06 39 43.03	+08 23 48.9		355	1999 AA ₄	1999 01	18.63564	09 39 11.81	+18 53 27.3	411
1999 AO ₃	1999 01	13.54463	06 39 42.71	+08 23 47.7		355	1999 AB ₄	* 1999 01	10.76384	09 44 19.60	+21 17 33.6	17.5 411
1999 AO ₃	1999 01	13.54738	06 39 42.55	+08 23 46.6		355	1999 AB ₄	1999 01	10.78278	09 44 18.30	+21 17 24.8	411
1999 AO ₃	1999 01	16.60450	06 37 03.86	+08 12 19.1		355	1999 AB ₄	1999 01	11.54549	09 43 30.71	+21 11 20.4	411
1999 AO ₃	1999 01	16.60764	06 37 03.74	+08 12 18.3		355	1999 AB ₄	1999 01	11.55454	09 43 30.15	+21 11 15.2	411
1999 AO ₃	1999 01	16.61574	06 37 03.29	+08 12 16.9		355	1999 AB ₄	1999 01	17.57069	09 36 10.21	+20 21 37.1	411
1999 AO ₃	1999 01	18.20015	06 35 45.65	+08 07 01.7	18.3	704	1999 AB ₄	1999 01	17.58161	09 36 09.21	+20 21 32.1	411
1999 AO ₃	1999 01	18.22219	06 35 44.48	+08 06 58.6	17.9	704	1999 AB ₄	1999 01	28.52873	09 19 10.57	+18 40 52.8	411
1999 AO ₃	1999 01	18.24501	06 35 43.41	+08 06 54.3	18.1	704	1999 AB ₄	1999 01	28.55046	09 19 08.30	+18 40 41.6	411
1999 AO ₃	1999 01	18.26693	06 35 42.19	+08 06 49.0	18.1	704	1999 AC ₄	1999 01	10.31066	07 47 01.58	+24 08 21.2	17.4 R 699
1999 AO ₃	1999 01	18.28902	06 35 41.10	+08 06 45.3	19.1	704	1999 AC ₄	1999 01	10.33617	07 47 00.17	+24 08 25.0	699
1999 AO ₃	1999 01	20.19173	06 34 12.44	+08 01 02.3	18.2	704	1999 AC ₄	* 1999 01	10.35618	07 46 58.84	+24 08 27.5	17.2 R 757
1999 AO ₃	1999 01	20.21352	06 34 11.37	+08 00 59.0	19.3	704	1999 AC ₄	1999 01	10.36185	07 46 58.71	+24 08 28.9	699
1999 AO ₃	1999 01	20.25735	06 34 09.29	+08 00 53.1	19.4	704	1999 AC ₄	1999 01	10.36819	07 46 58.17	+24 08 29.6	17.3 R 757
1999 AO ₃	1999 01	20.27990	06 34 08.25	+08 00 49.3	18.9	704	1999 AC ₄	1999 01	11.21788	07 46 12.41	+24 10 32.7	17.8 R 757
1999 AP ₃	* 1999 01	10.64073	09 39 34.07	+18 54 46.1	18.5	411	1999 AC ₄	1999 01	11.25418	07 46 10.27	+24 10 38.0	17.6 R 757
1999 AP ₃	1999 01	10.65967	09 39 33.61	+18 54 56.1		411	1999 AC ₄	1999 01	13.23209	07 44 22.55	+24 15 18.7	17.0 R 757
1999 AP ₃	1999 01	11.56001	09 39 10.57	+19 02 48.9		411	1999 AC ₄	1999 01	13.25847	07 44 21.02	+24 15 22.3	17.3 R 757
1999 AP ₃	1999 01	11.57458	09 39 10.05	+19 02 57.2		411	1999 AC ₄	1999 01	25.17833	07 33 32.59	+24 39 21.5	17.2 R 757
1999 AP ₃	1999 01	17.56704	09 36 10.11	+19 57 34.3		411	1999 AC ₄	1999 01	25.20336	07 33 31.26	+24 39 24.0	17.6 R 757
1999 AP ₃	1999 01	17.57797	09 36 09.72	+19 57 39.6		411	1999 AD ₄	* 1999 01	08.46782	09 13 28.08	+14 44 40.6	21.6 V 691
1999 AP ₃	1999 01	28.59760	09 29 00.54	+21 43 44.0		411	1999 AD ₄	1999 01	08.49964	09 13 26.69	+14 44 44.7	21.4 V 691
1999 AP ₃	1999 01	28.61207	09 28 59.77	+21 43 53.4		411	1999 AD ₄	1999 01	08.51057	09 13 26.17	+14 44 45.6	21.1 V 691
1999 AQ ₃	* 1999 01	10.64073	09 40 06.49	+18 36 58.8	18.5	411	1999 AD ₄	1999 01	11.42893	09 11 17.36	+14 52 03.6	21.2 V 691
1999 AQ ₃	1999 01	10.65967	09 40 05.75	+18 37 04.7		411	1999 AD ₄	1999 01	11.45048	09 11 16.35	+14 52 06.9	21.5 V 691
1999 AQ ₃	1999 01	11.56364	09 39 35.21	+18 40 50.4		411	1999 AD ₄	1999 01	11.47199	09 11 15.31	+14 52 09.7	21.2 V 691
1999 AQ ₃	1999 01	11.57826	09 39 34.78	+18 40 52.5		411	1999 AE ₄	1998 11	14.29395	04 02 42.65	+37 45 20.9	18.6 704
1999 AQ ₃	1999 01	17.56341	09 35 47.58	+19 07 01.5		411	1999 AE ₄	1998 11	14.31595	04 02 40.70	+37 44 53.8	19.1 704
1999 AQ ₃	1999 01	17.57435	09 35 47.05	+19 07 06.0		411	1999 AE ₄	1998 11	14.33797	04 02 38.85	+37 44 27.1	19.1 704
1999 AQ ₃	1999 01	28.57406	09 27 18.79	+19 58 05.6		411	1999 AE ₄	1998 11	14.36008	04 02 37.19	+37 43 57.8	19.3 704
1999 AQ ₃	1999 01	28.59217	09 27 17.93	+19 58 10.9		411	1999 AE ₄	1998 12	14.11420	03 26 36.03	+24 53 10.5	18.4 704
1999 AR ₃	* 1999 01	10.64547	09 40 06.89	+19 54 50.5	18.5	411	1999 AE ₄	1998 12	14.13609	03 26 34.8		

1999 AE ₄	1999 01	10.47030	03 17 35.18	+14 08 45.3	18.2 R	422	1999 AG ₄	1999 01	11.87464	07 06 42.02	+19 56 02.3	120
1999 AE ₄	1999 01	10.48022	03 17 35.33	+14 08 34.8	18.3 R	422	1999 AG ₄	1999 01	11.88589	07 06 41.18	+19 56 04.5	18.0
1999 AE ₄	1999 01	10.48784	03 17 35.33	+14 08 26.4	18.3 R	422	1999 AG ₄	1999 01	13.90065	07 04 27.11	+20 02 49.9	18.3
1999 AE ₄	1999 01	12.46982	03 18 00.75	+13 32 53.4	18.4 R	426	1999 AG ₄	1999 01	13.91181	07 04 26.32	+20 02 51.8	120
1999 AE ₄	1999 01	12.47262	03 18 00.71	+13 32 49.6	18.4 R	422	1999 AG ₄	1999 01	19.76578	06 58 09.14	+20 22 09.2	18.6
1999 AE ₄	1999 01	12.47384	03 18 00.76	+13 32 48.4	18.3 R	I 422	1999 AG ₄	1999 01	19.77663	06 58 08.46	+20 22 10.7	120
1999 AE ₄	1999 01	12.47492	03 18 00.70	+13 32 48.7	18.3 R	I 422	1999 AG ₄	1999 01	21.81566	06 56 03.49	+20 28 41.1	18.6
1999 AE ₄	1999 01	12.47581	03 18 00.83	+13 32 47.2	18.9 R	426	1999 AG ₄	1999 01	21.82899	06 56 02.52	+20 28 44.3	120
1999 AE ₄	1999 01	12.48179	03 18 00.94	+13 32 40.8	18.7 R	I 426	1999 AG ₄	1999 01	21.85663	06 56 00.97	+20 28 50.3	120
1999 AF ₄	1998 10	19.08668	23 34 48.93	+39 21 22.6	19.8	704	1999 AG ₄	1999 01	23.78008	06 54 07.33	+20 34 52.3	18.4
1999 AF ₄	1998 10	19.10696	23 34 46.61	+39 21 32.8	20.0	704	1999 AG ₄	1999 01	23.79133	06 54 06.49	+20 34 53.2	120
1999 AF ₄	1998 10	19.16762	23 34 39.61	+39 21 59.7	19.7	704	1999 AH ₄	1998 12	29.62503	07 23 54.77	+19 16 20.5	327
1999 AF ₄	* 1999 01	09.17975	02 27 24.73	+34 25 47.0	17.7	704	1999 AH ₄	1998 12	29.63343	07 23 54.22	+19 16 19.8	327
1999 AF ₄	1999 01	09.19027	02 27 30.10	+34 25 23.8	18.3	704	1999 AH ₄	1998 12	29.64188	07 23 53.61	+19 16 18.9	327
1999 AF ₄	1999 01	09.20088	02 27 35.59	+34 25 02.0	17.8	704	1999 AH ₄	1998 12	29.65037	07 23 53.06	+19 16 17.9	17.2
1999 AF ₄	1999 01	09.21142	02 27 40.93	+34 24 38.5	17.8	704	1999 AH ₄	1999 01	06.85009	07 14 33.83	+19 01 33.7	18.2
1999 AF ₄	1999 01	09.22209	02 27 46.43	+34 24 15.9	18.0	704	1999 AH ₄	1999 01	06.86819	07 14 32.62	+19 01 32.4	120
1999 AF ₄	1999 01	10.44686	02 38 37.21	+33 40 33.0	17.3 R	422	1999 AH ₄	* 1999 01	09.89317	07 10 59.34	+18 56 28.9	18.3
1999 AF ₄	1999 01	10.45098	02 38 39.29	+33 40 23.4	17.2 R	422	1999 AH ₄	1999 01	09.90340	07 10 58.54	+18 56 27.5	120
1999 AF ₄	1999 01	10.45216	02 38 39.95	+33 40 20.6	17.0 R	422	1999 AH ₄	1999 01	09.91513	07 10 57.68	+18 56 26.9	120
1999 AF ₄	1999 01	10.45287	02 38 40.32	+33 40 19.5	17.1 R	422	1999 AH ₄	1999 01	09.92427	07 10 57.06	+18 56 25.2	120
1999 AF ₄	1999 01	10.45353	02 38 40.62	+33 40 17.8	16.8 R	422	1999 AH ₄	1999 01	11.87969	07 08 39.62	+18 53 15.4	18.0
1999 AF ₄	1999 01	10.74819	02 41 19.48	+33 28 10.9	16.9 R	540	1999 AH ₄	1999 01	11.90518	07 08 37.82	+18 53 12.7	120
1999 AF ₄	1999 01	10.75167	02 41 21.28	+33 28 03.4		540	1999 AH ₄	1999 01	11.92000	07 08 36.78	+18 53 11.4	120
1999 AF ₄	1999 01	10.75358	02 41 22.29	+33 27 58.9		540	1999 AH ₄	1999 01	12.64458	07 07 46.12	+18 52 02.4	327
1999 AF ₄	1999 01	10.75971	02 41 25.49	+33 27 44.5		540	1999 AH ₄	1999 01	12.66450	07 07 44.67	+18 52 00.9	327
1999 AF ₄	1999 01	10.76145	02 41 26.61	+33 27 40.4		540	1999 AH ₄	1999 01	12.68461	07 07 43.20	+18 51 58.6	17.7
1999 AF ₄	1999 01	11.00219	02 43 35.71	+33 18 31.3	15.7 R	758	1999 AH ₄	1999 01	13.88612	07 06 20.05	+18 50 03.2	18.0
1999 AF ₄	1999 01	11.00391	02 43 36.55	+33 18 28.0	15.5 R	758	1999 AH ₄	1999 01	13.90603	07 06 18.63	+18 50 00.8	120
1999 AF ₄	1999 01	11.00564	02 43 37.49	+33 18 23.4	15.9 R	758	1999 AH ₄	1999 01	15.76346	07 04 11.88	+18 47 06.6	18.6
1999 AF ₄	1999 01	11.00726	02 43 38.32	+33 18 19.2	15.7 R	758	1999 AH ₄	1999 01	15.77329	07 04 11.28	+18 47 06.2	120
1999 AF ₄	1999 01	11.01359	02 43 41.56	+33 18 05.2	15.3 R	758	1999 AH ₄	1999 01	15.78250	07 04 10.51	+18 47 05.0	120
1999 AF ₄	1999 01	11.05624	02 44 04.83	+33 16 14.2	16.0 R	713	1999 AJ ₄	1998 12	15.46208	07 35 15.49	+19 17 22.5	18.6
1999 AF ₄	1999 01	11.06662	02 44 10.24	+33 15 49.8	16.0 R	713	1999 AJ ₄	1998 12	15.47680	07 35 14.72	+19 17 22.6	19.1
1999 AF ₄	1999 01	11.07419	02 44 14.16	+33 15 35.9	17.8	704	1999 AJ ₄	1998 12	15.49160	07 35 13.89	+19 17 22.8	18.9
1999 AF ₄	1999 01	11.08487	02 44 19.69	+33 15 12.1	17.8	704	1999 AJ ₄	1998 12	15.50637	07 35 13.25	+19 17 23.7	18.9
1999 AF ₄	1999 01	11.09593	02 44 24.84	+33 15 00.0	16.3	732	1999 AJ ₄	1998 12	15.52116	07 35 12.42	+19 17 26.9	19.0
1999 AF ₄	1999 01	11.09598	02 44 25.54	+33 14 45.6	18.1	704	1999 AJ ₄	1998 12	22.41622	07 28 51.88	+19 25 47.3	18.5
1999 AF ₄	1999 01	11.10094	02 44 27.69	+33 14 46.5	16.2	732	1999 AJ ₄	1998 12	22.43902	07 28 50.47	+19 25 49.4	19.0
1999 AF ₄	1999 01	11.10718	02 44 31.36	+33 14 18.5	17.7	704	1999 AJ ₄	1998 12	22.46181	07 28 49.13	+19 25 52.3	18.9
1999 AF ₄	1999 01	11.11818	02 44 36.94	+33 13 52.5	17.9	704	1999 AJ ₄	1998 12	22.48466	07 28 47.55	+19 25 52.8	18.8
1999 AF ₄	1999 01	11.18500	02 45 11.00	+33 11 21.9	16.3	732	1999 AJ ₄	1998 12	22.50824	07 28 45.95	+19 25 56.5	18.9
1999 AF ₄	1999 01	11.73608	02 50 09.35	+32 48 41.0	16.4 R	046	1999 AJ ₄	1999 01	06.84749	07 11 46.99	+19 51 46.6	18.0
1999 AF ₄	1999 01	11.73681	02 50 09.66	+32 48 38.7		046	1999 AJ ₄	1999 01	06.89631	07 11 43.59	+19 51 53.2	120
1999 AF ₄	1999 01	12.08366	02 53 14.80	+32 34 26.5	15.8 R	758	1999 AJ ₄	* 1999 01	09.89545	07 08 18.45	+19 57 19.1	18.3
1999 AF ₄	1999 01	12.08762	02 53 16.96	+32 34 15.6	16.1 R	758	1999 AJ ₄	1999 01	09.91760	07 08 16.88	+19 57 21.3	120
1999 AF ₄	1999 01	12.10069	02 53 23.88	+32 33 41.1	16.2 R	758	1999 AJ ₄	1999 01	09.92665	07 08 16.22	+19 57 22.2	120
1999 AF ₄	1999 01	12.44241	02 56 27.94	+32 19 45.8	17.1 R	422	1999 AJ ₄	1999 01	11.86192	07 06 06.23	+20 00 50.4	18.2
1999 AF ₄	1999 01	12.44558	02 56 29.56	+32 19 37.6	17.0 R	422	1999 AJ ₄	1999 01	11.87464	07 06 05.28	+20 00 51.6	120
1999 AF ₄	1999 01	12.44907	02 56 31.35	+32 19 28.8	17.1 R	422	1999 AJ ₄	1999 01	11.88589	07 06 04.54	+20 00 52.9	120
1999 AF ₄	1999 01	12.45117	02 56 32.46	+32 19 22.8	16.9 R	422	1999 AJ ₄	1999 01	11.91156	07 06 02.81	+20 00 57.2	120
1999 AF ₄	1999 01	14.84796	03 18 02.78	+30 28 29.4	16.7 R	151	1999 AJ ₄	1999 01	13.81649	07 03 57.36	+20 04 18.2	18.2
1999 AF ₄	1999 01	14.85465	03 18 06.43	+30 28 10.4	16.4 R	151	1999 AJ ₄	1999 01	13.90065	07 03 51.79	+20 04 27.5	120
1999 AF ₄	1999 01	14.85998	03 18 09.02	+30 27 54.3	16.4 R	151	1999 AJ ₄	1999 01	13.91181	07 03 51.10	+20 04 28.6	120
1999 AF ₄	1999 01	14.86166	03 18 09.98	+30 27 49.2	16.7 R	151	1999 AJ ₄	1999 01	19.74253	06 57 50.00	+20 14 24.7	18.6
1999 AF ₄	1999 01	14.86326	03 18 10.82	+30 27 44.2	16.3 R	151	1999 AJ ₄	1999 01	19.76578	06 57 48.58	+20 14 27.2	120
1999 AF ₄	1999 01	15.77661	03 26 20.77	+29 42 26.4	17.6 R	151	1999 AJ ₄	1999 01	19.77663	06 57 47.93	+20 14 28.7	120
1999 AF ₄	1999 01	15.78156	03 26 23.27	+29 42 10.8	17.2 R	151	1999 AJ ₄	1999 01	21.81566	06 55 51.69	+20 17 46.3	18.4
1999 AF ₄	1999 01	15.78624	03 26 25.76	+29 41 57.8	17.1 R	151	1999 AJ ₄	1999 01	21.82899	06 55 50.95	+20 17 48.7	120
1999 AF ₄	1999 01	15.78965	03 26 27.58	+29 41 46.7	17.5 R	151	1999 AJ ₄	1999 01	23.79133	06 54 05.32	+20 20 51.4	18.4
1999 AF ₄	1999 01	15.85663	03 27 01.99	+29 38 21.0		118	1999 AK ₄	1999 01	06.85235	07 16 11.54	+19 47 14.4	18.0
1999 AF ₄	1999 01	15.85840	03 27 02.89	+29 38 15.5		118	1999 AK ₄	1999 01	06.90227	07 16 08.06	+19 47 12.7	120
1999 AF ₄	1999 01	15.86265	03 27 05.13	+29 38 02.3		118	1999 AK ₄	* 1999 01	09.89785	07 12 49.22	+19 45 21.2	18.0
1999 AF ₄	1999 01	16.85959	03 35 54.39	+28 46 33.8		118	1999 AK ₄	1999 01	09.90855	07 12 48.50	+19 45 20.8	120
1999 AF ₄	1999 01	16.86155	03 35 55.42	+28 46 27.6		118	1999 AK ₄	1999 01	09.91999	07 12 47.69	+19 45 20.9	120
1999 AF ₄	1999 01	16.86605	03 35 57.75	+28 46 13.2		118	1999 AK ₄	1999 01	11.86970	07 10 39.51	+19 44 09.8	18.2
1999 AF ₄	1999 01	17.78508	03 44 01.84	+27 57 17.5		118	1999 AK ₄	1999 01	11.90775	07 10 36.92	+19 44 09.0	120
1999 AF ₄	1999 01	17.78831	03 44 03.50	+27 57 06.9		118	1999 AK ₄	1999 01	11.92220	07 10 36.01	+19 44 08.3	120
1999 AF ₄	1999 01	17.81498	03 44 17.36	+27 55 40.6	16.8 R	151	1999 AK ₄	1999 01	13.89528	07 08 28.02	+19 42 59.0	18.4
1999 AF ₄	1999 01	17.81931	03 44 19.52	+27 55 26.8	16.9 R	151	1999 AK ₄	1999 01	13.90848	07 08 27.17	+19 42 57.1	120
1999 AF ₄	1999 01	17.82353	03 44 21.82	+27 55 13.1	17.1 R							

1999 AM ₄	1999 01	18.55928	09 22 39.39	+20 48 59.3	411	1999 AX ₄	1999 01	12.57369	09 33 11.35	+20 28 32.5	411
1999 AM ₄	1999 01	18.57384	09 22 38.71	+20 49 06.7	411	1999 AX ₄	1999 01	18.59199	09 28 28.10	+23 01 51.9	411
1999 AN ₄	* 1999 01	11.62425	09 28 42.68	+21 31 03.6	17.5	1999 AX ₄	1999 01	18.60650	09 28 27.25	+23 02 14.7	411
1999 AN ₄	1999 01	11.64317	09 28 41.58	+21 31 00.6	411	1999 AX ₄	1999 01	19.42444	09 27 42.20	+23 23 40.3	17.9 704
1999 AN ₄	1999 01	12.55182	09 27 44.50	+21 27 56.5	411	1999 AX ₄	1999 01	19.44634	09 27 40.81	+23 24 16.6	19.0 704
1999 AN ₄	1999 01	12.56639	09 27 43.54	+21 27 53.4	411	1999 AX ₄	1999 01	19.46820	09 27 39.61	+23 24 49.2	18.4 704
1999 AN ₄	1999 01	18.55746	09 20 46.80	+21 06 50.0	411	1999 AX ₄	1999 01	19.49006	09 27 38.35	+23 25 24.7	18.1 704
1999 AN ₄	1999 01	18.57203	09 20 45.63	+21 06 46.2	411	1999 AX ₄	1999 01	19.51205	09 27 37.01	+23 25 58.7	18.4 704
1999 AN ₄	1999 01	19.41981	09 19 41.33	+21 03 37.9	17.5 704	1999 AX ₄	1999 01	28.52511	09 18 00.68	+27 25 01.7	411
1999 AN ₄	1999 01	19.44172	09 19 39.56	+21 03 33.8	18.1 704	1999 AX ₄	1999 01	28.54682	09 17 59.14	+27 25 35.1	411
1999 AN ₄	1999 01	19.46357	09 19 37.75	+21 03 28.0	17.3 704	1999 AY ₄	* 1999 01	11.74105	09 33 36.83	+22 17 38.2	18 411
1999 AN ₄	1999 01	19.48543	09 19 36.07	+21 03 23.7	17.3 704	1999 AY ₄	1999 01	11.75999	09 33 35.97	+22 17 42.1	411
1999 AN ₄	1999 01	19.50742	09 19 34.33	+21 03 18.1	17.5 704	1999 AY ₄	1999 01	12.59007	09 32 58.98	+22 20 17.1	411
1999 AN ₄	1999 01	28.50775	09 07 13.67	+20 26 21.6	411	1999 AY ₄	1999 01	12.60637	09 32 58.18	+22 20 19.2	411
1999 AN ₄	1999 01	28.51097	09 07 13.31	+20 26 21.5	411	1999 AY ₄	1999 01	18.58836	09 27 54.45	+22 39 29.8	411
1999 AO ₄	1999 01	10.45733	09 30 33.33	+18 40 10.1	17.8 R 699	1999 AY ₄	1999 01	18.60287	09 27 53.69	+22 39 33.4	411
1999 AO ₄	1999 01	10.47773	09 30 32.61	+18 40 21.3	699	1999 AZ ₄	* 1999 01	11.76630	09 34 43.11	+19 09 26.3	17.5 411
1999 AO ₄	1999 01	10.49815	09 30 31.91	+18 40 29.2	699	1999 AZ ₄	1999 01	11.78524	09 34 42.31	+19 09 26.7	411
1999 AO ₄	* 1999 01	11.65106	09 29 53.54	+18 49 12.8	17 411	1999 AZ ₄	1999 01	12.56276	09 34 06.32	+19 09 34.1	411
1999 AO ₄	1999 01	11.67001	09 29 52.81	+18 49 21.9	411	1999 AZ ₄	1999 01	12.57734	09 34 05.64	+19 09 33.8	411
1999 AO ₄	1999 01	12.53532	09 29 22.67	+18 56 00.8	411	1999 AA ₅	* 1999 01	11.76946	09 34 52.73	+19 51 23.6	19 411
1999 AO ₄	1999 01	12.54177	09 29 22.43	+18 56 04.3	411	1999 AA ₅	1999 01	11.78840	09 34 52.05	+19 51 34.4	411
1999 AO ₄	1999 01	18.56293	09 25 22.50	+19 44 32.8	411	1999 AA ₅	1999 01	12.59368	09 34 22.89	+19 59 47.6	411
1999 AO ₄	1999 01	18.57750	09 25 21.92	+19 44 40.2	411	1999 AA ₅	1999 01	12.60999	09 34 22.20	+19 59 59.0	411
1999 AO ₄	1999 01	19.56693	09 24 38.06	+19 52 54.1	411	1999 AA ₅	1999 01	18.59744	09 30 10.93	+21 02 33.7	411
1999 AO ₄	1999 01	19.57498	09 24 37.62	+19 52 59.7	411	1999 AA ₅	1999 01	18.61192	09 30 10.21	+21 02 42.5	411
1999 AO ₄	1999 01	28.51968	09 17 13.91	+21 09 44.0	411	1999 AA ₅	1999 01	22.96414	09 26 38.32	+21 48 52.8	18.0 V 552
1999 AO ₄	1999 01	28.54141	09 17 12.77	+21 09 56.4	411	1999 AA ₅	1999 01	22.96734	09 26 38.18	+21 48 55.6	552
1999 AP ₄	* 1999 01	11.66053	09 30 02.55	+21 12 41.9	18.5 411	1999 AA ₅	1999 01	22.97569	09 26 37.72	+21 48 59.9	552
1999 AP ₄	1999 01	11.67948	09 30 01.90	+21 12 53.4	411	1999 AA ₅	1999 01	22.97891	09 26 37.55	+21 49 03.3	552
1999 AP ₄	1999 01	12.58102	09 29 27.31	+21 20 53.0	411	1999 AA ₅	1999 01	23.90284	09 25 50.12	+21 58 51.1	18.1 V 552
1999 AP ₄	1999 01	12.62053	09 29 25.74	+21 21 13.6	411	1999 AA ₅	1999 01	23.92058	09 25 49.20	+21 59 01.5	552
1999 AP ₄	1999 01	18.56113	09 25 11.69	+22 15 16.0	411	1999 AA ₅	1999 01	23.94549	09 25 47.84	+21 59 17.4	552
1999 AP ₄	1999 01	18.57569	09 25 11.06	+22 15 25.4	411	1999 AA ₅	1999 01	28.56313	09 21 39.90	+22 47 38.6	411
1999 AP ₄	1999 01	19.58988	09 24 23.59	+22 24 46.6	411	1999 AA ₅	1999 01	28.58129	09 21 38.93	+22 47 50.7	411
1999 AP ₄	1999 01	19.59311	09 24 23.48	+22 24 49.0	411	1999 AB ₅	* 1999 01	11.77104	09 34 19.29	+20 30 34.4	17 411
1999 AP ₄	1999 01	19.59633	09 24 23.31	+22 24 50.4	411	1999 AB ₅	1999 01	11.78997	09 34 18.62	+20 30 42.8	411
1999 AP ₄	1999 01	28.51788	09 16 47.24	+23 47 06.5	411	1999 AB ₅	1999 01	12.56091	09 33 52.11	+20 36 27.2	411
1999 AP ₄	1999 01	28.53960	09 16 46.14	+23 47 17.1	411	1999 AB ₅	1999 01	12.57549	09 33 51.57	+20 36 33.7	411
1999 AQ ₄	* 1999 01	11.69211	09 30 43.98	+19 32 09.1	18 411	1999 AB ₅	1999 01	18.59563	09 29 44.07	+21 23 29.4	411
1999 AQ ₄	1999 01	11.71106	09 30 43.19	+19 32 11.7	411	1999 AB ₅	1999 01	18.61012	09 29 43.33	+21 23 36.3	411
1999 AQ ₄	1999 01	12.58283	09 30 07.58	+19 33 45.9	411	1999 AB ₅	1999 01	22.99263	09 26 05.84	+21 59 18.9	17.0 V 552
1999 AQ ₄	1999 01	12.59914	09 30 06.78	+19 33 47.3	411	1999 AB ₅	1999 01	23.00736	09 26 05.03	+21 59 26.2	552
1999 AQ ₄	1999 01	18.56475	09 25 41.57	+19 45 04.2	411	1999 AB ₅	1999 01	23.89753	09 25 17.77	+22 06 45.7	17.0 V 552
1999 AQ ₄	1999 01	19.56854	09 24 53.75	+19 47 03.0	411	1999 AB ₅	1999 01	23.91064	09 25 17.02	+22 06 52.6	552
1999 AQ ₄	1999 01	19.57498	09 24 53.39	+19 47 03.5	411	1999 AB ₅	1999 01	23.95397	09 25 14.61	+22 07 13.6	552
1999 AQ ₄	1999 01	20.56597	09 24 05.32	+19 49 00.6	411	1999 AB ₅	1999 01	28.55951	09 20 53.94	+22 45 08.2	411
1999 AQ ₄	1999 01	20.57889	09 24 04.79	+19 49 01.2	411	1999 AB ₅	1999 01	28.57768	09 20 52.88	+22 45 18.1	411
1999 AR ₄	* 1999 01	11.69211	09 31 43.09	+19 36 53.5	17 411	1999 AC ₅	* 1999 01	11.77577	09 34 50.08	+21 35 39.2	18 411
1999 AR ₄	1999 01	11.71106	09 31 42.46	+19 37 02.8	411	1999 AC ₅	1999 01	11.79470	09 34 49.45	+21 35 49.8	411
1999 AR ₄	1999 01	12.55363	09 31 14.77	+19 44 17.8	411	1999 AC ₅	1999 01	12.59187	09 34 27.00	+21 42 58.7	411
1999 AR ₄	1999 01	12.56820	09 31 14.17	+19 44 25.7	411	1999 AC ₅	1999 01	12.61733	09 34 26.16	+21 43 13.2	411
1999 AR ₄	1999 01	18.56657	09 27 22.77	+20 37 47.7	411	1999 AC ₅	1999 01	18.59925	09 30 55.08	+22 38 52.3	411
1999 AR ₄	1999 01	18.58112	09 27 22.11	+20 37 56.1	411	1999 AC ₅	1999 01	18.61374	09 30 54.48	+22 38 59.8	411
1999 AR ₄	1999 01	28.53054	09 19 22.57	+22 08 23.7	411	1999 AC ₅	1999 01	28.56498	09 22 58.26	+24 13 56.9	411
1999 AR ₄	1999 01	28.55226	09 19 21.38	+22 08 35.3	411	1999 AC ₅	1999 01	28.58314	09 22 57.31	+24 14 06.1	411
1999 AS ₄	* 1999 01	11.69526	09 31 42.44	+20 19 19.5	17 411	1999 AD ₅	* 1999 01	12.23992	09 47 44.34	+17 22 32.0	16.6 R 758
1999 AS ₄	1999 01	11.71421	09 31 41.92	+20 19 31.4	411	1999 AD ₅	1999 01	12.24691	09 47 44.13	+17 22 37.4	16.5 R 758
1999 AS ₄	1999 01	12.55542	09 31 17.18	+20 28 57.9	411	1999 AD ₅	1999 01	12.25819	09 47 43.75	+17 22 42.4	16.7 R 758
1999 AS ₄	1999 01	12.57001	09 31 16.72	+20 29 08.5	411	1999 AD ₅	1999 01	13.19944	09 47 14.04	+17 37 04.5	15.9 R 758
1999 AS ₄	1999 01	18.58655	09 27 41.34	+21 39 16.8	411	1999 AD ₅	1999 01	13.20731	09 47 13.79	+17 37 12.6	15.9 R 758
1999 AS ₄	1999 01	18.60105	09 27 40.67	+21 39 27.3	411	1999 AD ₅	1999 01	13.21615	09 47 13.48	+17 37 19.2	16.0 R 758
1999 AS ₄	1999 01	28.53234	09 19 51.32	+23 39 32.7	411	1999 AD ₅	1999 01	13.23159	09 47 12.84	+17 37 33.6	16.1 R 758
1999 AS ₄	1999 01	28.55407	09 19 50.12	+23 39 48.9	411	1999 AD ₅	1999 01	17.36609	09 44 44.36	+18 42 28.5	16.7 R 758
1999 AT ₄	* 1999 01	11.69999	09 31 51.92	+21 25 48.4	19 411	1999 AD ₅	1999 01	17.38334	09 44 43.64	+18 42 45.2	16.7 R 758
1999 AT ₄	1999 01	11.71894	09 31 51.18	+21 25 55.8	411	1999 AD ₅	1999 01	17.39251	09 44 43.44	+18 42 52.9	16.5 R 758
1999 AT ₄	1999 01	12.58464	09 31 21.74	+21 31 17.8	411	1999 AD ₅	1999 01	19.24478	09 43 28.82	+19 12 42.5	17.5 R 747
1999 AT ₄	1999 01	12.60095	09 31 21.10	+21 31 23.3	411	1999 AD ₅	1999 01	19.25302	09 43 28.46	+19 12 50.6	17.5 R 747
1999 AT ₄	1999 01	18.56838	09 27 34.72	+22 09 15.1	411	1999 AD ₅	1999 01	19.26644	09 43 27.86	+19 13 03.8	17.6 R 747
1999 AT ₄	1999 01	18.58293	09 27 34.21	+22 09 22.0	411	1999 AD ₅	1999 01	19.42662	09 43 20.91	+19 15 39.2	18.3 704
1999 AT ₄	1999 01	28.53597	09 20 10.75	+23 13 01.8	411	1999 AD ₅	1999 01	19.44852	09 43 19.97	+19 15 59.9	18.4 704
1999 AT ₄	1999 01	28.55770	09 20 09.68	+23 13 09.7	411	1999 AD ₅	1999 01	19.47038	09 43 19.03	+19 16 18.1	19.2 704
1999 AU ₄	* 1999 01	11.72683	09 32 56.90	+18 53 09.1	18 411	1999 AD ₅	1999 01	19.49225	09 43 17.90	+19 16 42.2	19.4 704

1999 AH ₅	1999 01	18.58280	09 03	28.96	+28 52	41.6	16.5	V	886	1999 AU ₅	1999 01	21.59208	09 49	50.85	+24 38	30.3	411
1999 AH ₅	1999 01	18.59606	09 03	27.94	+28 52	40.6			886	1999 AU ₅	1999 01	21.61755	09 49	49.73	+24 38	40.8	411
1999 AJ ₅	1998 12	21.31281	09 26	30.81	+27 24	10.1	18.3		704	1999 AU ₅	1999 01	28.63571	09 44	45.35	+25 27	32.2	411
1999 AJ ₅	1998 12	21.32341	09 26	30.93	+27 24	17.4	18.3		704	1999 AU ₅	1999 01	28.65391	09 44	44.42	+25 27	39.2	411
1999 AJ ₅	1998 12	21.33427	09 26	30.64	+27 24	22.0	18.4		704	1999 AV ₅	* 1999 01	12.71556	09 55	19.43	+23 24	44.4	18 411
1999 AJ ₅	1998 12	21.34517	09 26	30.51	+27 24	26.6	18.4		704	1999 AV ₅	1999 01	12.73450	09 55	18.57	+23 24	47.9	411
1999 AJ ₅	1998 12	21.35587	09 26	30.45	+27 24	34.3	18.5		704	1999 AV ₅	1999 01	13.58969	09 54	42.93	+23 27	11.2	411
1999 AJ ₅	1999 01	09.58935	09 18	18.67	+30 08	18.3	16.5		905	1999 AV ₅	1999 01	13.60242	09 54	42.43	+23 27	13.9	411
1999 AJ ₅	1999 01	09.61157	09 18	17.69	+30 08	30.1			905	1999 AV ₅	1999 01	20.64385	09 49	09.50	+23 47	15.0	411
1999 AJ ₅	* 1999 01	10.55862	09 17	34.54	+30 16	47.1	16.5		905	1999 AV ₅	1999 01	20.65473	09 49	08.89	+23 47	17.7	411
1999 AJ ₅	1999 01	10.57662	09 17	33.85	+30 16	56.9			905	1999 AV ₅	1999 01	28.62841	09 41	46.18	+24 08	36.8	411
1999 AJ ₅	1999 01	13.36687	09 15	17.79	+30 41	06.8	15.7	R	699	1999 AV ₅	1999 01	28.64658	09 41	44.97	+24 08	40.2	411
1999 AJ ₅	1999 01	13.38727	09 15	16.73	+30 41	17.0			699	1999 AW ₅	* 1999 01	12.71556	09 55	40.58	+23 43	16.2	18.5 411
1999 AJ ₅	1999 01	13.40770	09 15	15.58	+30 41	27.1			699	1999 AW ₅	1999 01	12.73450	09 55	40.11	+23 43	24.1	411
1999 AJ ₅	1999 01	13.68910	09 15	01.26	+30 43	52.3	16	V	888	1999 AW ₅	1999 01	13.60609	09 55	17.32	+23 50	34.3	411
1999 AJ ₅	1999 01	13.69472	09 15	00.96	+30 43	55.1			888	1999 AW ₅	1999 01	13.62849	09 55	16.63	+23 50	46.2	411
1999 AK ₅	1999 01	09.60417	09 25	48.64	+31 38	14.9	18		905	1999 AW ₅	1999 01	21.59766	09 50	38.21	+24 58	31.1	411
1999 AK ₅	1999 01	09.61892	09 25	48.01	+31 38	19.3			905	1999 AW ₅	1999 01	21.60685	09 50	37.72	+24 58	36.3	411
1999 AK ₅	* 1999 01	10.56765	09 25	07.20	+31 42	48.5	18		905	1999 AW ₅	1999 01	28.63932	09 45	05.01	+25 58	18.5	411
1999 AK ₅	1999 01	10.58634	09 25	06.21	+31 42	55.3			905	1999 AW ₅	1999 01	28.65753	09 45	04.06	+25 58	27.3	411
1999 AK ₅	1999 01	13.36302	09 22	59.16	+31 55	51.8	17.1	R	699	1999 AX ₅	* 1999 01	12.74082	09 57	10.74	+20 18	28.5	18.5 411
1999 AK ₅	1999 01	13.38344	09 22	58.18	+31 55	56.3			699	1999 AX ₅	1999 01	12.75976	09 57	10.04	+20 18	36.3	411
1999 AK ₅	1999 01	13.40388	09 22	57.15	+31 56	01.7			699	1999 AX ₅	1999 01	13.59695	09 56	46.77	+20 24	17.1	411
1999 AK ₅	1999 01	13.55000	09 22	50.49	+31 56	42.3	18		905	1999 AX ₅	1999 01	13.60972	09 56	46.30	+20 24	22.0	411
1999 AK ₅	1999 01	13.55810	09 22	50.12	+31 56	43.5			905	1999 AX ₅	1999 01	21.59948	09 51	46.35	+21 22	07.1	411
1999 AK ₅	1999 01	18.77979	09 18	22.94	+32 19	24.9	17	V	888	1999 AX ₅	1999 01	21.60866	09 51	46.02	+21 22	11.5	411
1999 AK ₅	1999 01	18.78637	09 18	22.59	+32 19	26.0			888	1999 AX ₅	1999 01	28.64113	09 45	45.90	+22 15	44.8	411
1999 AL ₅	1999 01	09.60417	09 26	24.73	+30 11	19.9	18		905	1999 AX ₅	1999 01	28.65935	09 45	44.81	+22 15	51.3	17.5 411
1999 AL ₅	1999 01	09.61892	09 26	23.93	+30 11	19.4			905	1999 AY ₅	* 1999 01	12.75028	09 56	27.62	+22 37	33.4	411
1999 AL ₅	* 1999 01	10.56765	09 25	25.52	+30 10	28.6	18		905	1999 AY ₅	1999 01	12.76923	09 56	26.99	+22 37	42.3	411
1999 AL ₅	1999 01	10.58634	09 25	24.21	+30 10	26.4			905	1999 AY ₅	1999 01	13.57523	09 56	01.50	+22 44	31.3	411
1999 AL ₅	1999 01	13.70036	09 22	00.86	+30 07	06.5	17.5	V	888	1999 AY ₅	1999 01	13.58427	09 56	01.13	+22 44	35.2	411
1999 AL ₅	1999 01	13.70729	09 22	00.38	+30 07	05.4			888	1999 AY ₅	1999 01	20.66560	09 51	15.68	+23 46	25.3	411
1999 AL ₅	1999 01	18.60273	09 16	11.09	+29 59	35.2	17.5	V	886	1999 AY ₅	1999 01	20.67644	09 51	15.07	+23 46	31.2	411
1999 AL ₅	1999 01	18.61290	09 16	10.34	+29 59	34.2			886	1999 AY ₅	1999 01	28.63391	09 44	10.89	+24 56	11.2	411
1999 AM ₅	1999 01	09.60417	09 30	20.34	+30 59	00.02	18		905	1999 AY ₅	1999 01	28.65209	09 44	09.74	+24 56	21.4	411
1999 AM ₅	1999 01	09.61892	09 30	19.63	+30 59	04.5			905	1999 AZ ₅	* 1999 01	15.50865	09 58	46.65	+12 34	16.4	18.7 V 691
1999 AM ₅	* 1999 01	10.56765	09 29	36.33	+31 02	41.1	18		905	1999 AZ ₅	1999 01	15.52657	09 58	46.11	+12 34	19.7	18.6 V 691
1999 AM ₅	1999 01	10.58634	09 29	35.39	+31 02	45.6			905	1999 AZ ₅	1999 01	15.54435	09 58	45.61	+12 34	22.9	18.7 V 691
1999 AM ₅	1999 01	13.55000	09 27	05.85	+31 13	39.0	18		905	1999 AZ ₅	1999 01	23.47949	09 54	21.96	+13 02	29.1	18.5 V 691
1999 AM ₅	1999 01	13.55810	09 27	05.57	+31 13	41.9			905	1999 AZ ₅	1999 01	23.50103	09 54	21.11	+13 02	34.1	18.5 V 691
1999 AM ₅	1999 01	18.60952	09 22	06.89	+31 30	02.8	17.5	V	886	1999 AZ ₅	1999 01	23.52515	09 54	20.17	+13 02	39.9	18.5 V 691
1999 AM ₅	1999 01	18.61949	09 22	06.15	+31 30	05.8			886	1999 AA ₆	* 1999 01	07.17563	02 27	44.88	+05 57	08.9	17.1 704
1999 AM ₅	1999 01	18.80128	09 21	53.90	+31 30	35.1			888	1999 AA ₆	1999 01	07.18602	02 27	45.25	+05 57	16.6	17.1 704
1999 AM ₅	1999 01	28.61649	09 10	19.06	+31 48	58.1	17	V	888	1999 AA ₆	1999 01	07.19657	02 27	45.53	+05 57	25.2	17.4 704
1999 AM ₅	1999 01	28.62133	09 10	18.64	+31 48	58.5			888	1999 AA ₆	1999 01	07.20704	02 27	45.98	+05 57	32.1	17.4 704
1999 AN ₅	* 1999 01	12.62875	09 52	09.86	+20 51	20.1	17		411	1999 AA ₆	1999 01	07.21739	02 27	46.25	+05 57	41.6	17.4 704
1999 AN ₅	1999 01	12.64770	09 52	08.97	+20 51	25.5			411	1999 AA ₆	1999 01	11.13726	02 30	11.79	+06 46	53.3	17.1 704
1999 AN ₅	1999 01	13.56800	09 51	26.90	+20 55	47.6			411	1999 AA ₆	1999 01	11.14786	02 30	12.17	+06 47	01.7	704
1999 AN ₅	1999 01	13.57704	09 51	26.39	+20 55	49.3			411	1999 AA ₆	1999 01	11.15843	02 30	12.59	+06 47	09.4	704
1999 AN ₅	1999 01	20.63658	09 45	15.46	+21 30	30.5			411	1999 AA ₆	1999 01	11.16891	02 30	12.98	+06 47	17.0	704
1999 AN ₅	1999 01	20.64748	09 45	14.82	+21 30	33.9			411	1999 AA ₆	1999 01	11.17940	02 30	13.43	+06 47	25.1	17.4 704
1999 AN ₅	1999 01	28.60664	09 36	57.61	+22 09	36.1			411	1999 AB ₆	* 1999 01	07.17672	02 35	06.43	+04 40	14.8	18.6 704
1999 AN ₅	1999 01	28.62114	09 36	56.60	+22 09	40.2			411	1999 AB ₆	1999 01	07.19769	02 35	06.85	+04 40	29.0	18.7 704
1999 AO ₅	* 1999 01	12.63349	09 52	06.36	+21 50	07.7	18.5		411	1999 AB ₆	1999 01	07.20813	02 35	06.93	+04 40	39.0	18.7 704
1999 AO ₅	1999 01	12.65243	09 52	05.50	+21 50	08.4			411	1999 AB ₆	1999 01	07.21848	02 35	07.23	+04 40	43.9	18.7 704
1999 AO ₅	1999 01	13.58608	09 51	25.12	+21 49	59.5			411	1999 AB ₆	1999 01	11.13746	02 36	40.74	+05 27	14.8	18.1 704
1999 AO ₅	1999 01	13.59880	09 51	24.63	+21 49	59.2			411	1999 AB ₆	1999 01	11.14808	02 36	41.05	+05 27	23.8	18.1 704
1999 AO ₅	1999 01	20.63840	09 45	29.55	+21 49	19.4			411	1999 AB ₆	1999 01	11.15863	02 36	41.26	+05 27	29.8	18.2 704
1999 AO ₅	1999 01	20.64929	09 45	28.93	+21 49	19.3			411	1999 AB ₆	1999 01	11.16912	02 36	41.65	+05 27	37.9	18.9 704
1999 AO ₅	1999 01	28.60845	09 37	20.77	+21 47	11.0			411	1999 AC ₆	* 1999 01	07.23122	03 51	14.83	+10 33	48.6	16.7 704
1999 AO ₅	1999 01	28.62295	09 37	19.82	+21 47	10.5			411	1999 AC ₆	1999 01	07.24156	03 51	14.71	+10 33	57.6	16.7 704
1999 AP ₅	* 1999 01	12.66821	09 53	36.54	+21 09	53.1	17.5		411	1999 AC ₆	1999 01	07.25191	03 51	14.64	+10 34	05.7	16.7 704
1999 AP ₅	1999 01	12.68714	09 53	35.84	+21 09	58.0			4								

1999 AG ₆	1999 01	14.11612	01 58 27.76	+19 18 41.1		699	1999 AT ₆	1999 01	22.33814	08 27 04.15	+18 28 32.2	18.7 V	691
1999 AH ₆	* 1999 01	08.12949	01 48 35.29	+18 03 31.3	18.0	704	1999 AT ₆	1999 01	22.36026	08 27 02.84	+18 28 39.1	18.5 V	691
1999 AH ₆	1999 01	08.14028	01 48 35.92	+18 03 31.2	18.0	704	1999 AT ₆	1999 01	22.38239	08 27 01.55	+18 28 46.0	18.3 V	691
1999 AH ₆	1999 01	08.15170	01 48 36.55	+18 03 30.2	18.5	704	1999 AU ₆	* 1999 01	09.85552	08 38 19.96	+17 20 22.8	18.2	120
1999 AH ₆	1999 01	08.16348	01 48 37.47	+18 03 30.2	18.5	704	1999 AU ₆	1999 01	09.87495	08 38 19.15	+17 20 27.3		120
1999 AH ₆	1999 01	08.17464	01 48 38.12	+18 03 27.1	18.4	704	1999 AU ₆	1999 01	09.93476	08 38 16.51	+17 20 38.1		120
1999 AH ₆	1999 01	11.12928	01 51 58.01	+17 59 53.0	17.9	704	1999 AU ₆	1999 01	13.93177	08 35 10.02	+17 32 58.6		120
1999 AH ₆	1999 01	11.13977	01 51 58.89	+17 59 52.8	17.9	704	1999 AU ₆	1999 01	13.93432	08 35 09.91	+17 32 59.4	18.2	120
1999 AH ₆	1999 01	11.15045	01 51 59.53	+17 59 52.6	18.5	704	1999 AU ₆	1999 01	13.93647	08 35 09.74	+17 32 59.3		120
1999 AH ₆	1999 01	11.16093	01 52 00.15	+17 59 50.2	18.8	704	1999 AU ₆	1999 01	13.95218	08 35 08.98	+17 33 02.1		120
1999 AH ₆	1999 01	11.17144	01 52 00.77	+17 59 49.0	18.2	704	1999 AU ₆	1999 01	13.96154	08 35 08.54	+17 33 03.8		120
1999 AH ₆	1999 01	14.08558	01 55 27.57	+17 57 42.6	17.6 R	699	1999 AU ₆	1999 01	13.96670	08 35 08.29	+17 33 05.0		120
1999 AH ₆	1999 01	14.10085	01 55 28.64	+17 57 42.1		699	1999 AU ₆	1999 01	15.95186	08 33 32.46	+17 39 22.8	18.0	120
1999 AH ₆	1999 01	14.11612	01 55 29.72	+17 57 41.4		699	1999 AU ₆	1999 01	15.97552	08 33 31.33	+17 39 27.9		120
1999 AJ ₆	* 1999 01	08.13053	01 58 31.66	+21 15 42.4	18.4	704	1999 AU ₆	1999 01	17.83934	08 31 59.77	+17 45 26.3	18.4	120
1999 AJ ₆	1999 01	08.14134	01 58 32.15	+21 15 40.4	18.4	704	1999 AU ₆	1999 01	17.85972	08 31 58.87	+17 45 31.1		120
1999 AJ ₆	1999 01	08.15280	01 58 32.47	+21 15 36.4	18.4	704	1999 AU ₆	1999 01	22.33895	08 28 14.38	+18 00 04.3	18.7 V	691
1999 AJ ₆	1999 01	08.16467	01 58 32.98	+21 15 36.3	18.5	704	1999 AU ₆	1999 01	22.36107	08 28 13.22	+18 00 08.9	18.4 V	691
1999 AJ ₆	1999 01	08.17575	01 58 33.43	+21 15 33.5	18.5	704	1999 AU ₆	1999 01	22.38320	08 28 12.08	+18 00 13.1	18.3 V	691
1999 AJ ₆	1999 01	11.13143	02 00 19.45	+21 07 44.1	17.8	704	1999 AV ₆	1999 01	23.86151	08 26 57.78	+18 05 01.2	18.4	120
1999 AJ ₆	1999 01	11.14200	02 00 19.93	+21 07 43.1	17.8	704	1999 AV ₆	* 1999 01	09.85552	08 38 30.07	+17 16 45.7	17.8	120
1999 AJ ₆	1999 01	11.16311	02 00 20.58	+21 07 38.9	17.9	704	1999 AV ₆	1999 01	09.87495	08 38 29.11	+17 16 53.9		120
1999 AJ ₆	1999 01	11.17360	02 00 21.02	+21 07 36.8	18.4	704	1999 AV ₆	1999 01	09.93476	08 38 26.11	+17 17 18.2		120
1999 AK ₆	* 1999 01	08.13304	02 14 47.54	+22 57 48.8	17.6	704	1999 AV ₆	1999 01	11.92909	08 36 45.68	+17 31 14.5		120
1999 AK ₆	1999 01	08.14398	02 14 48.19	+22 57 46.5	16.3	704	1999 AV ₆	1999 01	13.93432	08 34 59.88	+17 45 37.2		120
1999 AK ₆	1999 01	08.15575	02 14 48.82	+22 57 42.9	16.3	704	1999 AV ₆	1999 01	13.93647	08 34 59.74	+17 45 37.3	18.0	120
1999 AK ₆	1999 01	08.16750	02 14 49.49	+22 57 40.8	17.1	704	1999 AV ₆	1999 01	13.95218	08 34 58.85	+17 45 44.8		120
1999 AK ₆	1999 01	08.17826	02 14 50.09	+22 57 37.7	16.8	704	1999 AV ₆	1999 01	13.96154	08 34 58.39	+17 45 48.2		120
1999 AK ₆	1999 01	11.13379	02 17 46.53	+22 47 02.2	17.5	704	1999 AV ₆	1999 01	15.95186	08 33 09.14	+18 00 21.4	18.2	120
1999 AK ₆	1999 01	11.14438	02 17 47.19	+22 47 01.0	17.5	704	1999 AV ₆	1999 01	15.97552	08 33 07.72	+18 00 33.9		120
1999 AK ₆	1999 01	11.15495	02 17 47.81	+22 46 58.5	17.9	704	1999 AV ₆	1999 01	21.88619	08 27 25.34	+18 44 59.4	18.0	120
1999 AK ₆	1999 01	11.16546	02 17 48.40	+22 46 56.1	17.8	704	1999 AV ₆	1999 01	21.90201	08 27 24.37	+18 45 06.4		120
1999 AK ₆	1999 01	11.17596	02 17 48.93	+22 46 54.2	17.8	704	1999 AW ₆	* 1999 01	09.85843	08 35 17.38	+16 18 30.4	18.2	120
1999 AL ₆	* 1999 01	15.51135	10 02 40.03	+12 55 56.3	19.2 V	691	1999 AW ₆	1999 01	09.87762	08 35 16.30	+16 18 35.8		120
1999 AL ₆	1999 01	15.52927	10 02 39.46	+12 56 02.4	19.4 V	691	1999 AW ₆	1999 01	10.37648	08 34 50.57	+16 20 45.6	18.8 R	699
1999 AL ₆	1999 01	15.54705	10 02 38.90	+12 56 07.7	19.3 V	691	1999 AW ₆	1999 01	10.40201	08 34 49.53	+16 20 54.2		699
1999 AL ₆	1999 01	18.48828	10 01 02.07	+13 12 25.3	19.3 V	691	1999 AW ₆	1999 01	10.42756	08 34 48.11	+16 21 00.0		699
1999 AL ₆	1999 01	18.51042	10 01 01.25	+13 12 32.2	19.2 V	691	1999 AW ₆	1999 01	11.92613	08 33 30.70	+16 27 39.9	18.2	120
1999 AL ₆	1999 01	18.53182	10 01 00.46	+13 12 39.9	19.3 V	691	1999 AW ₆	1999 01	13.20139	08 32 22.76	+16 33 29.4	18.1 V	691
1999 AM ₆	* 1999 01	08.14542	02 23 42.83	+22 06 58.4	17.5	704	1999 AW ₆	1999 01	13.22317	08 32 21.56	+16 33 35.6	18.1 V	691
1999 AM ₆	1999 01	08.15715	02 23 43.15	+22 06 56.9	17.5	704	1999 AW ₆	1999 01	13.24540	08 32 20.39	+16 33 42.8	17.9 V	691
1999 AM ₆	1999 01	08.16891	02 23 43.48	+22 06 55.9	17.5	704	1999 AW ₆	1999 01	13.92707	08 31 43.32	+16 36 50.4		120
1999 AM ₆	1999 01	08.17957	02 23 44.00	+22 06 55.5	18.2	704	1999 AW ₆	1999 01	13.95868	08 31 41.56	+16 36 59.6		120
1999 AM ₆	1999 01	11.13616	02 25 38.42	+22 05 23.4	18.8	704	1999 AW ₆	1999 01	15.94587	08 29 51.08	+16 46 25.0	18.2	120
1999 AM ₆	1999 01	11.14676	02 25 38.90	+22 05 23.3	18.8	704	1999 AW ₆	1999 01	15.97051	08 29 49.62	+16 46 32.4		120
1999 AM ₆	1999 01	11.16782	02 25 39.81	+22 05 21.7	18.8	704	1999 AW ₆	1999 01	17.83645	08 28 03.36	+16 55 34.9	18.2	120
1999 AM ₆	1999 01	11.17831	02 25 40.08	+22 05 22.0	18.8	704	1999 AW ₆	1999 01	17.85724	08 28 02.16	+16 55 41.8		120
1999 AN ₆	* 1999 01	15.51299	10 05 02.35	+12 32 42.9	20.0 V	691	1999 AW ₆	1999 01	17.91456	08 27 58.78	+16 55 58.9		120
1999 AN ₆	1999 01	15.53091	10 05 01.96	+12 32 47.5	19.9 V	691	1999 AW ₆	1999 01	23.83533	08 22 08.83	+17 25 41.8	18.2	120
1999 AN ₆	1999 01	15.54869	10 05 01.58	+12 32 51.6	19.8 V	691	1999 AW ₆	1999 01	23.85674	08 22 07.50	+17 25 48.4		120
1999 AN ₆	1999 01	23.50585	10 01 18.35	+13 12 48.6	19.9 V	691	1999 AX ₆	* 1999 01	09.95174	08 51 58.34	+16 19 01.4	18.0	120
1999 AN ₆	1999 01	23.52996	10 01 17.46	+13 12 56.8	19.9 V	691	1999 AX ₆	1999 01	09.97353	08 51 57.02	+16 19 02.2		120
1999 AO ₆	* 1999 01	08.18300	02 37 56.35	+19 01 24.9	18.8	704	1999 AX ₆	1999 01	10.01665	08 51 54.42	+16 19 05.2		120
1999 AO ₆	1999 01	08.19388	02 37 56.71	+19 01 20.3	18.8	704	1999 AX ₆	1999 01	10.38030	08 51 33.07	+16 19 31.9	18.7 R	699
1999 AO ₆	1999 01	08.21732	02 37 57.72	+19 01 16.4	18.9	704	1999 AX ₆	1999 01	10.40583	08 51 31.51	+16 19 32.9		699
1999 AO ₆	1999 01	11.13658	02 40 06.97	+18 53 30.8	18.6	704	1999 AX ₆	1999 01	10.43139	08 51 30.03	+16 19 34.1		699
1999 AO ₆	1999 01	11.14718	02 40 07.29	+18 53 30.6	18.6	704	1999 AX ₆	1999 01	13.97251	08 47 53.24	+16 24 05.5	17.8	120
1999 AO ₆	1999 01	11.15775	02 40 07.92	+18 53 28.2	18.6	704	1999 AX ₆	1999 01	14.00881	08 47 50.87	+16 24 08.7		120
1999 AO ₆	1999 01	11.16823	02 40 08.23	+18 53 28.2	18.7	704	1999 AX ₆	1999 01	14.39197	08 47 26.26	+16 24 43.2	18.6 V	691
1999 AP ₆	* 1999 01	14.19856	06 35 25.94	+42 40 03.3	18.8	704	1999 AX ₆	1999 01	14.41368	08 47 24.81	+16 24 44.9	18.4 V	691
1999 AP ₆	1999 01	14.22225	06 35 24.22	+42 40 00.1	18.8	704	1999 AX ₆	1999 01	14.44439	08 47 22.75	+16 24 47.4	18.3 V	691
1999 AP ₆	1999 01	14.24523	06 35 22.61	+42 39 56.5	19.3	704	1999 AX ₆	1999 01	15.95516	08 45 44.96	+16 27 00.9	18.0	120
1999 AP ₆	1999 01	14.26819	06 35 20.98	+42 39 53.3	19.5	704	1999 AX ₆	1999 01	15.97784	08 45 43.52	+16 27 03.1		120
1999 AP ₆	1999 01	14.29126	06 35 19.40	+42 39 51.1	19.3	704	1999 AY ₆	* 1999 01	09.95422	08 52 44.68	+15 10 52.3	18.0	120
1999 AP ₆	1999 01	19.18783	06 30 09.44	+42 25 19.5	18.8	704	1999 AY ₆	1999 01	09.97564	08 52 43.57	+15 10 56.3		120
1999 AP ₆	1999 01	19.23237	06 30 06.62	+42 25 09.1	19.1	704	1999 AY ₆	1999 01	10.01866	08 52 41.17	+15 11 05.4		120
1999 AP ₆	1999 01	19.27678	06 30 03.75	+42 25 00.4	19.4	704	1999 AY ₆	1999 01	10.38030	08 52 22.08	+15 12 17.0	19.1 R	699
1999 AQ ₆	1999 01	09.84196	03 48 29.94	+28 17 38.8		595	1999 AY ₆	1999 01	10.40583	08 52 20.66	+15 12 22.1		

1999 AB ₇	1999 01	14.02047	08 48 13.18	+14 04 52.3	120	1999 AK ₇	1999 01	10.04786	08 48 19.65	+12 47 27.1	120
1999 AB ₇	1999 01	16.01420	08 46 45.41	+14 17 18.9	18.2 120	1999 AK ₇	1999 01	13.99287	08 44 31.50	+12 52 35.9	18.0 120
1999 AB ₇	1999 01	16.03700	08 46 44.36	+14 17 28.9	120	1999 AK ₇	1999 01	14.02512	08 44 29.48	+12 52 39.5	120
1999 AB ₇	1999 01	20.79976	08 43 04.17	+14 48 26.7	18.3 120	1999 AK ₇	1999 01	14.04245	08 44 28.43	+12 52 40.9	120
1999 AB ₇	1999 01	20.82133	08 43 03.31	+14 48 36.2	120	1999 AK ₇	1999 01	15.99569	08 42 29.93	+12 55 44.7	18.2 120
1999 AC ₇	* 1999 01	09.96083	08 51 01.84	+13 17 19.9	18.3 120	1999 AK ₇	1999 01	16.01905	08 42 28.62	+12 55 48.7	120
1999 AC ₇	1999 01	09.98156	08 51 00.89	+13 17 28.1	120	1999 AK ₇	1999 01	22.85240	08 35 15.77	+13 08 56.6	18.3 120
1999 AC ₇	1999 01	10.02453	08 50 58.91	+13 17 43.3	120	1999 AK ₇	1999 01	22.91158	08 35 11.80	+13 09 05.8	120
1999 AC ₇	1999 01	13.98738	08 47 54.42	+13 43 16.5	18.0 120	1999 AL ₇	* 1999 01	10.00753	08 49 47.46	+11 40 27.8	17.6 120
1999 AC ₇	1999 01	14.02047	08 47 52.76	+13 43 29.7	120	1999 AL ₇	1999 01	13.99534	08 46 36.03	+12 02 23.7	17.8 120
1999 AC ₇	1999 01	14.95972	08 47 06.18	+13 49 52.9	18.2 120	1999 AL ₇	1999 01	14.02744	08 46 34.26	+12 02 35.2	120
1999 AC ₇	1999 01	14.97654	08 47 05.36	+13 50 00.8	120	1999 AL ₇	1999 01	16.00049	08 44 52.28	+12 14 23.5	18.2 120
1999 AC ₇	1999 01	15.99052	08 46 13.69	+13 57 03.8	18.4 120	1999 AL ₇	1999 01	16.02454	08 44 50.89	+12 14 32.2	120
1999 AC ₇	1999 01	16.03700	08 46 11.22	+13 57 22.7	120	1999 AL ₇	1999 01	22.85448	08 38 30.99	+12 59 26.5	17.9 120
1999 AC ₇	1999 01	16.04273	08 46 10.93	+13 57 25.5	120	1999 AL ₇	1999 01	22.89700	08 38 28.55	+12 59 46.2	120
1999 AC ₇	1999 01	20.79976	08 41 56.06	+14 32 05.9	18.4 120	1999 AM ₇	* 1999 01	10.00944	08 49 26.40	+10 49 29.9	18.0 120
1999 AC ₇	1999 01	20.82133	08 41 54.92	+14 32 16.1	120	1999 AM ₇	1999 01	10.05353	08 49 24.50	+10 49 41.1	120
1999 AD ₇	* 1999 01	09.96083	08 52 09.13	+13 15 12.0	18.2 120	1999 AM ₇	1999 01	14.00221	08 46 42.02	+11 07 00.8	18.0 120
1999 AD ₇	1999 01	09.98156	08 52 08.28	+13 15 14.2	120	1999 AM ₇	1999 01	14.04727	08 46 39.98	+11 07 12.7	120
1999 AD ₇	1999 01	10.02453	08 52 06.41	+13 15 18.0	120	1999 AM ₇	1999 01	14.96632	08 46 00.54	+11 11 29.8	18.2 120
1999 AD ₇	1999 01	13.99022	08 49 14.65	+13 22 06.2	18.2 120	1999 AM ₇	1999 01	14.98450	08 45 59.75	+11 11 34.6	120
1999 AD ₇	1999 01	14.02271	08 49 13.16	+13 22 09.4	120	1999 AM ₇	1999 01	16.00562	08 45 15.02	+11 16 26.3	17.9 120
1999 AD ₇	1999 01	14.95972	08 48 30.79	+13 23 57.9	18.4 120	1999 AM ₇	1999 01	16.02951	08 45 13.87	+11 16 33.0	120
1999 AD ₇	1999 01	14.97654	08 48 29.91	+13 23 59.3	120	1999 AM ₇	1999 01	20.80336	08 41 36.84	+11 40 33.1	18.2 120
1999 AD ₇	1999 01	15.99262	08 47 43.32	+13 26 00.0	18.2 120	1999 AM ₇	1999 01	20.82377	08 41 35.79	+11 40 39.0	120
1999 AD ₇	1999 01	16.01644	08 47 42.15	+13 26 02.6	120	1999 AM ₇	1999 01	20.83733	08 41 35.21	+11 40 42.5	120
1999 AD ₇	1999 01	21.88855	08 43 00.33	+13 38 59.0	18.4 120	1999 AM ₇	1999 01	21.89058	08 40 45.73	+11 46 16.1	18.2 120
1999 AD ₇	1999 01	21.90425	08 42 59.52	+13 39 01.3	120	1999 AM ₇	1999 01	21.90670	08 40 44.95	+11 46 21.2	120
1999 AD ₇	1999 01	25.79413	08 39 45.95	+13 48 32.5	18.3 120	1999 AM ₇	1999 01	21.91894	08 40 44.38	+11 46 25.2	120
1999 AD ₇	1999 01	25.80503	08 39 45.42	+13 48 33.1	18.4 120	1999 AN ₇	* 1999 01	11.86970	07 11 06.01	+20 09 59.1	18.2 120
1999 AD ₇	1999 01	25.82132	08 39 44.69	+13 48 36.6	18.4 120	1999 AN ₇	1999 01	11.88199	07 11 05.13	+20 10 00.5	120
1999 AE ₇	* 1999 01	09.96536	08 51 41.31	+11 28 40.2	18.2 120	1999 AN ₇	1999 01	11.90775	07 11 03.28	+20 09 59.2	120
1999 AE ₇	1999 01	09.98568	08 51 40.41	+11 28 47.1	120	1999 AN ₇	1999 01	11.92220	07 11 02.30	+20 09 59.1	120
1999 AE ₇	1999 01	10.02863	08 51 38.39	+11 28 56.9	120	1999 AN ₇	1999 01	13.89528	07 08 48.55	+20 10 26.0	18.3 120
1999 AE ₇	1999 01	13.99751	08 48 28.55	+11 47 05.0	18.5 120	1999 AN ₇	1999 01	13.90848	07 08 47.63	+20 10 26.3	120
1999 AE ₇	1999 01	14.02998	08 48 26.98	+11 47 15.3	120	1999 AN ₇	1999 01	15.76693	07 06 44.65	+20 10 47.4	18.2 120
1999 AE ₇	1999 01	14.96184	08 47 40.48	+11 51 45.2	18.6 120	1999 AN ₇	1999 01	15.77576	07 06 44.05	+20 10 46.3	120
1999 AE ₇	1999 01	16.00314	08 46 47.84	+11 56 51.1	18.2 120	1999 AN ₇	1999 01	15.78466	07 06 43.28	+20 10 47.4	120
1999 AE ₇	1999 01	17.86727	08 45 11.85	+12 06 14.3	18.2 120	1999 AN ₇	1999 01	19.75219	07 02 32.35	+20 11 31.6	18.3 120
1999 AE ₇	1999 01	20.80870	08 42 36.25	+12 21 36.5	18.3 120	1999 AN ₇	1999 01	19.77325	07 02 31.06	+20 11 31.4	120
1999 AE ₇	1999 01	20.82936	08 42 35.15	+12 21 41.9	120	1999 AN ₇	1999 01	19.78385	07 02 30.41	+20 11 32.9	120
1999 AE ₇	1999 01	20.84377	08 42 34.41	+12 21 47.2	120	1999 AN ₇	1999 01	21.82097	07 00 29.71	+20 11 51.5	18.4 120
1999 AF ₇	* 1999 01	09.96536	08 52 02.30	+11 25 16.6	18.2 120	1999 AN ₇	1999 01	23.78539	06 58 39.77	+20 12 07.8	18.4 120
1999 AF ₇	1999 01	09.98568	08 52 01.38	+11 25 14.8	120	1999 AO ₇	1999 01	23.79629	06 58 39.19	+20 12 08.1	120
1999 AF ₇	1999 01	10.02863	08 51 59.43	+11 25 11.5	120	1999 AO ₇	* 1999 01	11.87742	07 05 53.37	+19 06 26.3	18.4 120
1999 AF ₇	1999 01	13.99985	08 48 56.89	+11 21 42.9	18.0 120	1999 AO ₇	1999 01	11.88850	07 05 52.77	+19 06 31.0	120
1999 AF ₇	1999 01	14.03232	08 48 55.46	+11 21 41.9	120	1999 AO ₇	1999 01	11.91758	07 05 51.31	+19 06 37.6	120
1999 AF ₇	1999 01	14.04477	08 48 54.82	+11 21 40.8	120	1999 AO ₇	1999 01	13.89244	07 04 07.01	+19 15 54.2	18.2 120
1999 AF ₇	1999 01	14.96419	08 48 10.97	+11 21 02.8	18.2 120	1999 AO ₇	1999 01	13.91473	07 04 05.85	+19 16 00.3	120
1999 AF ₇	1999 01	14.98236	08 48 10.12	+11 21 02.3	120	1999 AO ₇	1999 01	15.75683	07 02 29.73	+19 24 40.2	18.6 120
1999 AF ₇	1999 01	16.00852	08 47 20.32	+11 20 24.4	18.2 120	1999 AO ₇	1999 01	15.77943	07 02 28.75	+19 24 44.7	120
1999 AF ₇	1999 01	16.03172	08 47 19.24	+11 20 23.3	120	1999 AO ₇	1999 01	19.77925	06 59 05.48	+19 43 25.2	18.2 120
1999 AF ₇	1999 01	20.80565	08 43 20.86	+11 18 21.6	18.5 120	1999 AO ₇	1999 01	23.78277	06 55 52.59	+20 01 48.3	18.3 120
1999 AF ₇	1999 01	20.82684	08 43 19.74	+11 18 21.7	120	1999 AO ₇	1999 01	23.79420	06 55 52.07	+20 01 52.1	120
1999 AF ₇	1999 01	20.84088	08 43 19.00	+11 18 20.7	120	1999 AP ₇	1999 01	09.65587	07 11 02.01	+18 38 33.9	327
1999 AG ₇	* 1999 01	09.96536	08 52 27.26	+11 44 40.6	17.8 120	1999 AP ₇	1999 01	09.67566	07 11 00.66	+18 38 41.4	18.0 327
1999 AG ₇	1999 01	09.98568	08 52 26.28	+11 44 42.3	120	1999 AP ₇	1999 01	09.69535	07 10 59.41	+18 38 48.6	327
1999 AG ₇	1999 01	10.02863	08 52 24.03	+11 44 45.7	120	1999 AP ₇	* 1999 01	11.87969	07 08 46.16	+18 51 39.9	18.4 120
1999 AG ₇	1999 01	10.38541	08 52 06.22	+11 45 14.8	17.3 R 699	1999 AP ₇	1999 01	11.90518	07 08 44.44	+18 51 49.3	120
1999 AG ₇	1999 01	10.41094	08 52 04.89	+11 45 17.5	699	1999 AP ₇	1999 01	11.92000	07 08 43.50	+18 51 54.4	120
1999 AG ₇	1999 01	10.43649	08 52 03.65	+11 45 20.3	699	1999 AP ₇	1999 01	12.64458	07 07 59.44	+18 56 13.4	327
1999 AG ₇	1999 01	13.99751	08 48 55.63	+11 51 06.5	18.0 120	1999 AP ₇	1999 01	12.66450	07 07 58.16	+18 56 20.4	17.9 327
1999 AG ₇	1999 01	14.02998	08 48 53.77	+11 51 10.2	120	1999 AP ₇	1999 01	12.68461	07 07 56.90	+18 56 27.2	327
1999 AG ₇	1999 01	14.96184	08 48 01.78	+11 52 58.9	17.8 120	1999 AP ₇	1999 01	13.88612	07 06 44.44	+19 03 34.8	18.4 120
1999 AG ₇	1999 01	16.00314	08 47 02.25	+11 55 09.3	17.6 120	1999 AP ₇	1999 01	13.90603	07 06 43.27	+19 03 41.5	120
1999 AG ₇	1999 01	16.02696	08 47 00.83	+11 55 12.5	120	1999 AP ₇	1999 01	15.76346	07 04 52.70	+19 14 46.0	18.5 120
1999 AG ₇	1999 01	17.84757	08 45 14.25	+11 59 19.5	17.8 120	1999 AP ₇	1999 01	15.77329	07 04 51.97	+19 14 48.6	120
1999 AG ₇	1999 01	17.86727	08 45 13.05	+11 59 22.4	120	1999 AP ₇	1999 01	15.78250	07 04 51.42	+19 14 54.0	120
1999 AG ₇	1999 01	20.80870	08 42 13.62	+12 06 53.8	17.8 120	1999 AP ₇	1999 01	19.74811	07 01 04.11	+19 38 31.6	18.5 120
1999 AG ₇	1999 01	20.82936	08 42 12.34	+12 06 57.1	120	1999 AP ₇	1999 01	19.77079	07 01 02.76	+19 38 41.0	120
1999 AG ₇	1999 01	20.84377	08 42 11.41	+12 06 59.5	120	1999 AP ₇	1999 01	19.78147	07 01 02.19	+19 38 45.0	120
1999 AH ₇	* 1999 01	09.96777	08 51 17.28	+11 12 39.6	18.3 120	1999 AP ₇	1999 01	25.77238	06 55 54.21	+20 13 49.2	18.6 120
1999 AH ₇	1999 01	09.98782	08 51 16.33	+11							

1999 AR ₇	1999 01	13.74456	02 44	10.91	+11 39	28.5		118	1999 AZ ₇	1999 01	14.50369	09 21	27.98	+26 22	27.1	411
1999 AR ₇	1999 01	13.82338	02 44	08.18	+11 43	12.0	17.8 R	587	1999 AZ ₇	1999 01	18.54671	09 17	40.01	+26 21	24.7	411
1999 AR ₇	1999 01	13.82648	02 44	08.07	+11 43	20.9		587	1999 AZ ₇	1999 01	18.55109	09 17	39.84	+26 21	25.2	411
1999 AR ₇	1999 01	14.07780	02 44	00.54	+11 55	11.4	18.5	704	1999 AZ ₇	1999 01	26.51898	09 09	34.47	+26 16	12.1	411
1999 AR ₇	1999 01	14.10083	02 43	59.74	+11 56	14.8	19.6	704	1999 AZ ₇	1999 01	26.53078	09 09	33.69	+26 16	11.7	411
1999 AR ₇	1999 01	14.12380	02 43	58.87	+11 57	22.8	19.3	704	1999 AA ₈	* 1999 01	13.68086	09 20	32.18	+28 37	48.4	17 411
1999 AR ₇	1999 01	14.17020	02 43	57.14	+11 59	33.1	19.3	704	1999 AA ₈	1999 01	13.70748	09 20	31.03	+28 38	00.0	411
1999 AR ₇	1999 01	14.48355	02 43	47.96	+12 14	26.7	18.6 R	426	1999 AA ₈	1999 01	14.49633	09 20	00.98	+28 44	22.1	411
1999 AR ₇	1999 01	14.48772	02 43	47.85	+12 14	38.3	18.2 R	426	1999 AA ₈	1999 01	14.50223	09 20	00.81	+28 44	24.3	411
1999 AR ₇	1999 01	14.49248	02 43	47.57	+12 14	51.3	18.6 R	426	1999 AA ₈	1999 01	18.54379	09 17	03.66	+29 16	46.0	411
1999 AR ₇	1999 01	14.87104	02 43	36.88	+12 32	15.8	17.5 R	046	1999 AA ₈	1999 01	18.54964	09 17	03.35	+29 16	49.0	411
1999 AR ₇	1999 01	14.87321	02 43	36.60	+12 32	20.6		046	1999 AA ₈	1999 01	26.52043	09 09	52.25	+30 16	18.1	411
1999 AR ₇	1999 01	14.87465	02 43	36.69	+12 32	25.8		046	1999 AA ₈	1999 01	26.53224	09 09	51.53	+30 16	22.9	411
1999 AR ₇	1999 01	14.87571	02 43	36.69	+12 32	28.4		046	1999 AB ₈	* 1999 01	13.68419	09 24	52.17	+27 33	45.0	17.5 411
1999 AR ₇	1999 01	14.90543	02 43	35.87	+12 33	51.4		557	1999 AB ₈	1999 01	13.71082	09 24	51.13	+27 34	02.6	411
1999 AR ₇	1999 01	14.90766	02 43	35.78	+12 33	57.6	S	557	1999 AB ₈	1999 01	14.49334	09 24	25.83	+27 42	47.8	411
1999 AR ₇	1999 01	15.19160	02 43	28.33	+12 47	09.9		658	1999 AB ₈	1999 01	14.50519	09 24	25.32	+27 42	57.2	411
1999 AR ₇	1999 01	15.19605	02 43	28.18	+12 47	22.1		658	1999 AB ₈	1999 01	18.54817	09 21	58.36	+28 28	27.7	411
1999 AR ₇	1999 01	15.19884	02 43	28.11	+12 47	30.0		658	1999 AB ₈	1999 01	18.55255	09 21	58.14	+28 28	30.8	411
1999 AR ₇	1999 01	15.43234	02 43	21.98	+12 58	33.0	18.2 R	428	1999 AB ₈	1999 01	26.52189	09 16	12.30	+29 56	09.3	411
1999 AR ₇	1999 01	15.43299	02 43	21.81	+12 58	53.3	18.2 R	422	1999 AB ₈	1999 01	26.53370	09 16	11.74	+29 56	17.4	411
1999 AR ₇	1999 01	15.44052	02 43	21.74	+12 58	56.5	18.1 R	422	1999 AC ₈	* 1999 01	13.69084	09 30	53.26	+25 43	17.0	17 411
1999 AR ₇	1999 01	15.79854	02 43	13.02	+13 15	14.9		587	1999 AC ₈	1999 01	13.71747	09 30	51.98	+25 43	26.5	411
1999 AR ₇	1999 01	15.80255	02 43	12.88	+13 15	24.5		587	1999 AC ₈	1999 01	14.49485	09 30	17.36	+25 47	35.0	411
1999 AR ₇	1999 01	21.73248	02 41	51.82	+17 38	47.2	17.6 R	046	1999 AC ₈	1999 01	14.50669	09 30	16.81	+26 20	12.9	411
1999 AR ₇	1999 01	21.73441	02 41	51.82	+17 38	52.5		046	1999 AC ₈	1999 01	20.55874	09 25	01.14	+26 25	22.9	18 905
1999 AR ₇	1999 01	21.73551	02 41	51.77	+17 38	54.9		046	1999 AC ₈	1999 01	20.58628	09 24	59.63	+26 25	22.9	905
1999 AR ₇	1999 01	22.47778	02 41	50.00	+18 10	34.5	19.0 V	360	1999 AC ₈	1999 01	21.57043	09 24	02.05	+26 25	22.9	18 905
1999 AR ₇	1999 01	22.48038	02 41	49.95	+18 10	40.7		360	1999 AC ₈	1999 01	21.58785	09 24	00.87	+26 25	27.5	905
1999 AR ₇	1999 01	22.48316	02 41	49.96	+18 10	47.9		360	1999 AD ₈	* 1999 01	13.72174	10 12	33.64	+17 56	05.2	18 411
1999 AR ₇	1999 01	24.10816	02 41	53.25	+19 18	57.0		658	1999 AD ₈	1999 01	13.74068	10 12	33.20	+17 56	11.2	411
1999 AR ₇	1999 01	24.11117	02 41	53.24	+19 19	03.9		658	1999 AD ₈	1999 01	14.55745	10 12	13.90	+18 00	43.7	411
1999 AR ₇	1999 01	24.11322	02 41	53.23	+19 19	09.6		658	1999 AD ₈	1999 01	14.56467	10 12	13.72	+18 00	46.7	411
1999 AS ₇	* 1999 01	06.81372	05 58	32.91	+25 33	05.5	19.2 R	621	1999 AD ₈	1999 01	25.65903	10 05	28.88	+19 11	07.1	411
1999 AS ₇	1999 01	06.81741	05 58	32.69	+25 33	05.2	19.0 R	621	1999 AE ₈	1999 01	25.66808	10 05	28.37	+19 11	10.9	411
1999 AS ₇	1999 01	06.82109	05 58	32.47	+25 33	05.4	19.1 R	621	1999 AE ₈	* 1999 01	13.72490	10 14	02.14	+18 38	31.6	17 411
1999 AS ₇	1999 01	06.82478	05 58	32.27	+25 33	05.1	19.0 R	621	1999 AE ₈	1999 01	13.74384	10 14	01.45	+18 38	32.2	411
1999 AS ₇	1999 01	06.82847	05 58	32.08	+25 33	05.1	18.6 R	621	1999 AE ₈	1999 01	14.51683	10 13	35.25	+18 39	03.0	411
1999 AS ₇	1999 01	06.83214	05 58	31.95	+25 33	05.0	18.7 R	621	1999 AE ₈	1999 01	14.55255	10 13	33.98	+18 39	04.5	411
1999 AS ₇	1999 01	06.89568	05 58	28.48	+25 33	03.4	18.4 R	621	1999 AE ₈	1999 01	25.65723	10 05	16.61	+18 50	08.9	411
1999 AS ₇	1999 01	10.97773	05 55	00.50	+25 30	49.0	18.8 R	621	1999 AE ₈	1999 01	25.66628	10 05	16.15	+18 50	09.6	411
1999 AS ₇	1999 01	10.98142	05 55	00.31	+25 30	48.4	19.1 R	621	1999 AF ₈	* 1999 01	13.73122	10 13	52.75	+20 26	07.7	17.5 411
1999 AS ₇	1999 01	10.98510	05 55	00.10	+25 30	48.4	19.1 R	621	1999 AF ₈	1999 01	13.75014	10 13	52.21	+20 26	15.7	411
1999 AS ₇	1999 01	10.99392	05 54	59.70	+25 30	47.8	18.6 R	621	1999 AF ₈	1999 01	14.55925	10 13	30.86	+20 32	19.1	411
1999 AS ₇	1999 01	17.94764	05 49	48.29	+25 25	56.7	18.7 R	621	1999 AF ₈	1999 01	14.56648	10 13	30.65	+20 32	21.1	411
1999 AS ₇	1999 01	17.95201	05 49	48.20	+25 25	56.6	19.5 R	621	1999 AF ₈	1999 01	25.66084	10 06	25.02	+22 01	38.4	411
1999 AS ₇	1999 01	17.95639	05 49	47.97	+25 25	56.6	18.9 R	621	1999 AF ₈	1999 01	25.66989	10 06	24.54	+22 01	43.5	411
1999 AS ₇	1999 01	20.81083	05 47	58.54	+25 23	40.4	19.0 R	621	1999 AG ₈	* 1999 01	13.75804	10 14	51.05	+17 34	35.4	18.5 411
1999 AS ₇	1999 01	20.81443	05 47	58.44	+25 23	40.2	18.9 R	621	1999 AG ₈	1999 01	13.77698	10 14	50.61	+17 34	43.6	411
1999 AS ₇	1999 01	20.81820	05 47	58.28	+25 23	40.2	19.0 R	621	1999 AG ₈	1999 01	14.56286	10 14	31.37	+17 40	43.6	411
1999 AS ₇	1999 01	20.82188	05 47	58.13	+25 23	39.8	19.5 R	621	1999 AG ₈	1999 01	14.57009	10 14	31.14	+17 40	45.9	411
1999 AT ₇	* 1999 01	11.80361	10 24	42.22	+18 45	46.7	18 V	888	1999 AG ₈	1999 01	25.66446	10 07	54.93	+19 13	31.2	411
1999 AT ₇	1999 01	11.81060	10 24	42.03	+18 45	51.1		888	1999 AG ₈	1999 01	25.67350	10 07	54.54	+19 13	35.8	411
1999 AT ₇	1999 01	13.74641	10 23	52.39	+18 57	38.2	18 V	888	1999 AH ₈	* 1999 01	13.76120	10 14	28.67	+18 29	29.8	18 411
1999 AT ₇	1999 01	13.75226	10 23	52.18	+18 57	40.1		888	1999 AH ₈	1999 01	13.78013	10 14	28.24	+18 29	37.9	411
1999 AT ₇	1999 01	16.78640	10 22	17.81	+19 17	07.3	18 V	888	1999 AH ₈	1999 01	14.56106	10 14	11.67	+18 35	35.4	411
1999 AT ₇	1999 01	16.79495	10 22	17.49	+19 17	10.3		888	1999 AH ₈	1999 01	14.56828	10 14	11.53	+18 35	40.1	411
1999 AT ₇	1999 01	16.80047	10 22	17.27	+19 17	12.4		888	1999 AJ ₈	* 1999 01	06.39532	08 14	53.60	+23 34	08.4	18.6 R 699
1999 AT ₇	1999 01	21.79868	10 19	00.56	+19 51	14.4		888	1999 AJ ₈	1999 01	06.41584	08 14	52.53	+23 34	18.2	699
1999 AT ₇	1999 01	21.80396	10 19	00.33	+19 51	17.5		888	1999 AJ ₈	1999 01	06.43633	08 14	51.33	+23 34	27.6	699
1999 AT ₇	1999 01	28.76832	10 13	11.07	+20 40	47.5		888	1999 AJ ₈	1999 01	10.30428	08 11	21.59	+24 04	52.9	18.2 R 699
1999 AT ₇	1999 01	28.77621	10 13	10.59	+20 40	51.9		888	1999 AJ ₈	1999 01	10.32978	08 11	20.10	+24 05	05.0	699
1999 AU ₇	* 1999 01	11.83082	10 24	36.17	+18 31	02.8	17.5 V	888	1999 AJ ₈	1999 01	10.35531	08 11	18.72	+24 05	16.4	699
1999 AU ₇	1999 01	11.83810	10 24	36.03	+18 31	04.8		888	1999 AK ₈	* 1999 01	06.39661	08 17	09.39	+23 37	15.7	18.5 R 699
1999 AU ₇	1999 01	13.76022	10 23	58.13	+18 40	20.4	17.5 V	888	1999 AK ₈	1999 01	06.41713	08 17	08.21	+23		

1999 AR _s	1999 01	13.13549	02 42 08.14	+27 28 02.8	19.3	725	1999 AF ₉	1999 01	13.70525	07 59 05.55	+14 38 08.5	327
1999 AR _s	1999 01	13.16006	02 42 08.57	+27 27 59.3		725	1999 AF ₉	1999 01	13.72479	07 59 04.52	+14 38 12.6	18.5 327
1999 AS _s	* 1999 01	15.51343	10 05 40.38	+12 48 17.0	19.9 V	691	1999 AF ₉	1999 01	13.74591	07 59 03.43	+14 38 16.8	327
1999 AS _s	1999 01	15.53135	10 05 39.74	+12 48 18.2	20.1 V	691	1999 AF ₉	1999 01	14.62522	07 58 19.06	+14 41 21.5	327
1999 AS _s	1999 01	15.54913	10 05 39.10	+12 48 18.8	20.3 V	691	1999 AF ₉	1999 01	14.63469	07 58 18.60	+14 41 23.7	327
1999 AS _s	1999 01	23.48366	10 00 23.20	+13 00 15.5	20.0 V	691	1999 AF ₉	1999 01	14.64598	07 58 18.02	+14 41 26.5	18.6 327
1999 AS _s	1999 01	23.50520	10 00 22.12	+13 00 17.8	20.0 V	691	1999 AG ₉	* 1999 01	09.73037	08 01 49.21	+16 16 17.4	327
1999 AS _s	1999 01	23.52931	10 00 20.99	+13 00 20.2	20.2 V	691	1999 AG ₉	1999 01	09.75546	08 01 47.70	+16 16 29.1	19.3 327
1999 AT _s	* 1999 01	10.12953	03 27 39.18	+13 08 05.4	19.4	725	1999 AG ₉	1999 01	09.78083	08 01 46.21	+16 16 40.4	327
1999 AT _s	1999 01	10.21659	03 27 39.72	+13 08 14.4	19.4	725	1999 AG ₉	1999 01	11.70810	07 59 56.58	+16 31 10.4	19.2 327
1999 AT _s	1999 01	13.14848	03 28 11.71	+13 14 04.4		725	1999 AG ₉	1999 01	11.72824	07 59 55.38	+16 31 19.8	327
1999 AT _s	1999 01	13.17314	03 28 12.13	+13 14 07.2		725	1999 AG ₉	1999 01	11.74770	07 59 54.25	+16 31 27.9	327
1999 AU _s	* 1999 01	10.25909	07 52 56.84	+15 51 32.1	18.1	725	1999 AH ₉	* 1999 01	09.73037	08 02 41.51	+16 07 24.2	327
1999 AU _s	1999 01	10.28722	07 52 54.97	+15 51 32.9		725	1999 AH ₉	1999 01	09.75546	08 02 40.15	+16 07 30.1	327
1999 AU _s	1999 01	13.18950	07 49 45.52	+15 52 23.9	18.2	725	1999 AH ₉	1999 01	09.78083	08 02 38.75	+16 07 35.1	18.8 327
1999 AU _s	1999 01	13.22226	07 49 43.29	+15 52 24.9	18.1	725	1999 AH ₉	1999 01	10.71135	08 01 48.10	+16 10 25.1	327
1999 AU _s	1999 01	15.21381	07 47 31.80	+15 53 14.4		I 725	1999 AH ₉	1999 01	10.73587	08 01 46.69	+16 10 29.9	18.8 327
1999 AU _s	1999 01	15.24506	07 47 29.67	+15 53 14.4	18.0	725	1999 AH ₉	1999 01	10.76041	08 01 45.31	+16 10 34.4	327
1999 AV _s	* 1999 01	10.26464	08 33 05.91	+19 24 17.6	18.1	725	1999 AH ₉	1999 01	11.70810	08 00 53.20	+16 13 30.9	18.9 327
1999 AV _s	1999 01	10.29252	08 33 04.23	+19 24 19.6		725	1999 AH ₉	1999 01	11.72824	08 00 52.06	+16 13 35.4	327
1999 AV _s	1999 01	13.19450	08 30 10.29	+19 27 28.1	17.9	725	1999 AH ₉	1999 01	11.74770	08 00 50.97	+16 13 38.8	327
1999 AV _s	1999 01	13.23221	08 30 07.92	+19 27 30.7	18.1	725	1999 AJ ₉	* 1999 01	09.73037	08 03 38.17	+16 51 50.4	327
1999 AV _s	1999 01	15.22174	08 28 05.27	+19 29 42.0	17.9	725	1999 AJ ₉	1999 01	09.75546	08 03 36.85	+16 51 53.5	327
1999 AV _s	1999 01	15.25292	08 28 03.27	+19 29 44.1	18.0	725	1999 AJ ₉	1999 01	09.78083	08 03 35.52	+16 51 56.9	18.0 327
1999 AV _s	1999 01	15.37290	08 27 55.78	+19 29 51.1	18.5 V	691	1999 AJ ₉	1999 01	13.75557	08 00 13.78	+17 01 00.6	327
1999 AV _s	1999 01	15.40419	08 27 53.84	+19 29 53.4	18.3 V	691	1999 AJ ₉	1999 01	13.76071	08 00 13.53	+17 01 00.9	327
1999 AV _s	1999 01	15.42627	08 27 52.38	+19 29 54.8	18.5 V	691	1999 AJ ₉	1999 01	13.77521	08 00 12.72	+17 01 03.5	17.8 327
1999 AV _s	1999 01	19.38863	08 23 42.49	+19 34 14.2	18.3 V	691	1999 AJ ₉	1999 01	13.78034	08 00 12.48	+17 01 03.6	17.9 327
1999 AV _s	1999 01	19.41242	08 23 40.92	+19 34 15.5	18.4 V	691	1999 AJ ₉	1999 01	13.79579	08 00 11.67	+17 01 05.9	327
1999 AW _s	* 1999 01	06.75720	08 02 32.78	+14 55 19.1		327	1999 AJ ₉	1999 01	13.80094	08 00 11.36	+17 01 06.3	327
1999 AW _s	1999 01	06.77848	08 02 31.59	+14 55 18.7		327	1999 AK ₉	* 1999 01	09.73561	08 07 02.70	+17 05 03.1	327
1999 AW _s	1999 01	06.79921	08 02 30.47	+14 55 18.2	18.1	327	1999 AK ₉	1999 01	09.76118	08 07 01.22	+17 05 09.2	17.6 327
1999 AW _s	1999 01	13.70056	07 56 20.98	+14 54 15.5		327	1999 AK ₉	1999 01	09.78582	08 06 59.77	+17 05 15.2	327
1999 AW _s	1999 01	13.72009	07 56 19.87	+14 54 15.7	17.9	327	1999 AK ₉	1999 01	10.72094	08 06 07.80	+17 09 05.5	18.2 327
1999 AW _s	1999 01	13.73962	07 56 18.79	+14 54 16.1		327	1999 AK ₉	1999 01	10.74549	08 06 06.35	+17 09 11.8	327
1999 AW _s	1999 01	15.77442	07 54 27.20	+14 54 22.6		327	1999 AK ₉	1999 01	10.76993	08 06 04.88	+17 09 17.6	327
1999 AW _s	1999 01	15.78870	07 54 26.38	+14 54 22.3	18.1	327	1999 AK ₉	1999 01	13.76071	08 03 13.60	+17 22 00.9	327
1999 AW _s	1999 01	15.80299	07 54 25.62	+14 54 22.7		327	1999 AK ₉	1999 01	13.78034	08 03 12.31	+17 22 04.5	18.0 327
1999 AX _s	* 1999 01	06.76120	08 04 41.67	+16 10 19.8		327	1999 AK ₉	1999 01	13.80094	08 03 11.05	+17 22 10.2	327
1999 AX _s	1999 01	06.78251	08 04 40.53	+16 10 26.9	17.2	327	1999 AL ₉	* 1999 01	10.44154	00 13 46.59	-05 14 14.6	18.9 327
1999 AX _s	1999 01	06.80328	08 04 39.35	+16 10 34.1		327	1999 AL ₉	1999 01	10.45115	00 13 47.40	-05 14 06.6	327
1999 AX _s	1999 01	13.75557	07 58 21.98	+16 48 42.7		327	1999 AL ₉	1999 01	10.46153	00 13 48.30	-05 13 57.9	327
1999 AX _s	1999 01	13.77521	07 58 20.87	+16 48 49.5	18.1	327	1999 AL ₉	1999 01	11.43503	00 15 13.64	-05 00 10.0	19.2 327
1999 AX _s	1999 01	13.79579	07 58 19.77	+16 48 55.9		327	1999 AL ₉	1999 01	11.43966	00 15 14.08	-05 00 05.1	327
1999 AX _s	1999 01	15.77921	07 56 29.29	+17 00 07.6	17.8	327	1999 AL ₉	1999 01	11.44425	00 15 14.43	-05 00 01.3	327
1999 AX _s	1999 01	15.79348	07 56 28.43	+17 00 11.9		327	1999 AM ₉	* 1999 01	10.48588	02 30 25.48	+14 49 27.5	327
1999 AX _s	1999 01	15.80784	07 56 27.65	+17 00 17.2		327	1999 AM ₉	1999 01	10.49492	02 30 25.63	+14 49 30.2	18.7 327
1999 AY _s	* 1999 01	09.48771	03 29 53.08	+02 45 24.5	18.5	327	1999 AM ₉	1999 01	10.50395	02 30 25.76	+14 49 32.4	327
1999 AY _s	1999 01	09.50284	03 29 52.94	+02 45 30.4		327	1999 AM ₉	1999 01	11.45510	02 30 43.87	+14 53 27.0	18.3 327
1999 AY _s	1999 01	09.51780	03 29 52.75	+02 45 36.3		327	1999 AM ₉	1999 01	11.47520	02 30 44.29	+14 53 32.3	327
1999 AY _s	1999 01	10.50933	03 29 45.49	+02 52 03.7		327	1999 AM ₉	1999 01	11.49500	02 30 44.65	+14 53 36.6	327
1999 AY _s	1999 01	10.53309	03 29 45.26	+02 52 13.4		327	1999 AM ₉	1999 01	14.46588	02 31 49.06	+15 06 16.9	19.0 327
1999 AY _s	1999 01	10.55716	03 29 45.07	+02 52 22.3		327	1999 AM ₉	1999 01	14.48069	02 31 49.33	+15 06 20.9	327
1999 AZ _s	* 1999 01	09.53256	03 38 04.88	+17 53 55.7	18.6	327	1999 AM ₉	1999 01	14.49605	02 31 49.70	+15 06 25.4	327
1999 AZ _s	1999 01	09.55190	03 38 05.02	+17 54 00.7		327	1999 AM ₉	1999 01	16.42509	02 32 37.88	+15 14 58.7	327
1999 AZ _s	1999 01	09.57141	03 38 05.16	+17 54 05.5		327	1999 AM ₉	1999 01	16.43514	02 32 38.05	+15 15 00.5	18.1 327
1999 AZ _s	1999 01	11.56439	03 38 28.00	+18 02 28.9		327	1999 AM ₉	1999 01	16.44512	02 32 38.34	+15 15 04.7	327
1999 AZ _s	1999 01	11.58859	03 38 28.26	+18 02 35.1	18.6	327	1999 AM ₉	1999 01	16.45578	02 32 38.56	+15 15 06.7	327
1999 AZ _s	1999 01	11.62139	03 38 28.66	+18 02 43.8		327	1999 AN ₉	* 1999 01	10.65199	07 15 10.08	+20 23 09.0	327
1999 AZ _s	1999 01	11.64050	03 38 28.78	+18 02 48.7		327	1999 AN ₉	1999 01	10.67169	07 15 08.96	+20 23 17.7	17.5 327
1999 AA ₉	* 1999 01	09.53256	03 38 54.66	+17 59 23.3	18.6	327	1999 AN ₉	1999 01	10.69154	07 15 07.84	+20 23 26.4	327
1999 AA ₉	1999 01	09.55190	03 38 55.62	+17 59 33.7		327	1999 AN ₉	1999 01	13.62985	07 12 27.03	+20 44 36.8	17.3 327
1999 AA ₉	1999 01	09.57141	03 38 56.54	+17 59 44.6		327	1999 AN ₉	1999 01	13.65476	07 12 25.61	+20 44 47.9	327
1999 AA ₉	1999 01	10.51834	03 39 47.08	+18 08 34.7	18.6	327	1999 AN ₉	1999 01	13.67484	07 12 24.49	+20 44 56.4	327
1999 AA ₉	1999 01	10.54229	03 39 48.27	+18 08 47.4		327	1999 AO ₉	* 1999 01	10.65199	07 16 31.83	+20 03 11.0	327
1999 AA ₉	1999 01	10.56646	03 39 49.51	+18 09 01.1		327	1999 AO ₉	1999 01	10.67169	07 16 30.65	+20 03 18.9	327
1999 AB ₉	* 1999 01	09.66531	07 15 25.31	+19 28 24.1		327	1999 AO ₉	1999 01	10.69154	07 16 29.50	+20 03 27.5	18.6 327
1999 AB ₉	1999 01	09.68556	07 15 24.14	+19 28 27.0	18.3	327	1999 AO ₉	1999 01	12.65446	07 14 34.42	+20 17 26.9	18.5 327
1999 AB ₉	1999 01	09.70516	07 15 23.13	+19 28 28.5		327	1999 AO ₉	1999 01	12.67469	07 14 33.22	+20 17 35.8	327
1999 AB ₉	1999 01	12.64976	07 12 44.68	+19 34 11.0		327	1999 AO ₉	1999 01	12.69450	07 14 32.02	+20 17 44.2	327
1999 AB ₉	1999 01	12.66957	07 12 43.55	+19 34 13.6	18.4	327	1999 AO ₉	1999 01	13.63500	07 13 37.32	+20 24 25.0	327
1999 AB ₉ </												

1999 AS ₉	1999 01	17.76513	10 55 30.16	+14 37 39.2	18.1	327	1999 AB ₁₀	1999 01	21.91894	08 41 27.38	+11 46 59.0	120
1999 AS ₉	1999 01	17.77934	10 55 29.93	+14 37 45.2		327	1999 AB ₁₀	1999 01	25.82588	08 37 28.04	+11 45 37.1	18.4 120
1999 AS ₉	1999 01	17.79390	10 55 29.75	+14 37 50.0		327	1999 AC ₁₀	* 1999 01	13.99751	08 50 42.83	+11 34 44.8	18.0 120
1999 AT ₉	* 1999 01	10.77723	10 57 11.33	+14 35 06.2		327	1999 AC ₁₀	1999 01	14.02998	08 50 41.32	+11 34 46.1	120
1999 AT ₉	1999 01	10.80083	10 57 11.14	+14 35 20.5		327	1999 AC ₁₀	1999 01	14.96892	08 49 56.50	+11 35 20.3	18.0 120
1999 AT ₉	1999 01	10.82406	10 57 11.03	+14 35 33.2	19.0	327	1999 AC ₁₀	1999 01	14.98690	08 49 55.61	+11 35 20.5	120
1999 AT ₉	1999 01	11.76451	10 57 05.56	+14 44 27.8		327	1999 AC ₁₀	1999 01	15.00285	08 49 54.80	+11 35 21.2	120
1999 AT ₉	1999 01	11.77477	10 57 05.47	+14 44 33.9		327	1999 AC ₁₀	1999 01	15.02116	08 49 53.89	+11 35 21.7	120
1999 AT ₉	1999 01	11.78545	10 57 05.39	+14 44 40.3	18.8	327	1999 AC ₁₀	1999 01	16.01073	08 49 05.97	+11 36 02.4	18.0 120
1999 AU ₉	* 1999 01	10.77723	10 57 12.00	+14 34 58.7	18.6	327	1999 AC ₁₀	1999 01	16.03403	08 49 04.79	+11 36 03.5	120
1999 AU ₉	1999 01	10.80083	10 57 11.84	+14 35 05.1		327	1999 AC ₁₀	1999 01	20.80565	08 45 06.23	+11 40 14.1	18.2 120
1999 AU ₉	1999 01	10.82406	10 57 11.67	+14 35 11.5		327	1999 AC ₁₀	1999 01	20.82684	08 45 05.06	+11 40 15.7	120
1999 AU ₉	1999 01	11.76451	10 57 06.17	+14 39 30.0		327	1999 AC ₁₀	1999 01	20.84088	08 45 04.34	+11 40 16.4	120
1999 AU ₉	1999 01	11.77477	10 57 06.14	+14 39 33.3		327	1999 AD ₁₀	* 1999 01	13.99985	08 48 01.88	+11 24 46.3	18.6 120
1999 AU ₉	1999 01	11.78545	10 57 06.01	+14 39 36.6	18.4	327	1999 AD ₁₀	1999 01	14.03232	08 48 00.46	+11 24 48.5	120
1999 AU ₉	1999 01	18.76485	10 55 28.82	+15 16 38.4		327	1999 AD ₁₀	1999 01	14.04477	08 48 00.09	+11 24 50.6	120
1999 AU ₉	1999 01	18.78558	10 55 28.42	+15 16 45.0	18.4	327	1999 AD ₁₀	1999 01	14.96419	08 47 24.54	+11 26 24.5	18.4 120
1999 AU ₉	1999 01	26.85961	10 51 35.29	+16 09 06.4	18.2	327	1999 AD ₁₀	1999 01	14.98236	08 47 23.96	+11 26 26.8	120
1999 AU ₉	1999 01	26.86774	10 51 34.93	+16 09 10.2		327	1999 AD ₁₀	1999 01	16.02951	08 46 42.89	+11 28 17.0	18.4 120
1999 AU ₉	1999 01	26.87594	10 51 34.65	+16 09 13.6		327	1999 AD ₁₀	1999 01	17.86727	08 45 29.66	+11 31 45.5	18.6 120
1999 AV ₉	* 1999 01	10.77723	11 03 23.92	+14 01 42.7		327	1999 AD ₁₀	1999 01	20.80565	08 43 28.89	+11 37 47.7	18.6 120
1999 AV ₉	1999 01	10.81288	11 03 23.85	+14 01 52.0		327	1999 AD ₁₀	1999 01	20.84088	08 43 27.67	+11 37 53.5	120
1999 AV ₉	1999 01	10.83368	11 03 23.77	+14 02 01.4	18.9	327	1999 AE ₁₀	1999 01	10.00944	08 49 54.69	+10 49 42.2	18.6 120
1999 AV ₉	1999 01	13.81610	11 03 13.77	+14 22 39.3		327	1999 AE ₁₀	1999 01	10.05353	08 49 52.91	+10 49 47.5	120
1999 AV ₉	1999 01	13.83601	11 03 13.62	+14 22 47.3		327	1999 AE ₁₀	* 1999 01	14.00221	08 46 51.92	+11 01 34.6	18.6 120
1999 AV ₉	1999 01	13.85588	11 03 13.47	+14 22 57.1	18.3	327	1999 AE ₁₀	1999 01	14.03471	08 46 50.46	+11 01 40.4	120
1999 AW ₉	* 1999 01	12.64976	07 13 06.36	+19 49 58.4	18.5	327	1999 AE ₁₀	1999 01	14.04727	08 46 49.81	+11 01 42.0	120
1999 AW ₉	1999 01	12.66957	07 13 05.28	+19 49 57.7		327	1999 AE ₁₀	1999 01	14.96632	08 46 05.41	+11 04 44.4	18.4 120
1999 AW ₉	1999 01	12.68973	07 13 04.09	+19 49 56.4		327	1999 AE ₁₀	1999 01	14.98450	08 46 04.39	+11 04 49.0	120
1999 AW ₉	1999 01	13.63500	07 12 12.73	+19 49 12.2	18.4	327	1999 AE ₁₀	1999 01	16.00562	08 45 13.77	+11 08 19.9	18.4 120
1999 AW ₉	1999 01	13.66030	07 12 11.30	+19 49 11.3		327	1999 AE ₁₀	1999 01	20.80336	08 41 04.96	+11 26 35.3	18.5 120
1999 AW ₉	1999 01	13.67999	07 12 10.19	+19 49 10.2		327	1999 AE ₁₀	1999 01	20.82377	08 41 03.86	+11 26 41.3	120
1999 AX ₉	* 1999 01	13.70056	07 55 43.55	+14 39 25.0		327	1999 AE ₁₀	1999 01	20.83733	08 41 03.20	+11 26 43.6	120
1999 AX ₉	1999 01	13.72009	07 55 42.47	+14 39 24.1	18.6	327	1999 AE ₁₀	1999 01	21.90670	08 40 05.34	+11 31 09.2	18.4 120
1999 AX ₉	1999 01	13.73962	07 55 41.37	+14 39 22.4		327	1999 AE ₁₀	1999 01	21.91894	08 40 04.61	+11 31 13.0	120
1999 AX ₉	1999 01	14.62056	07 54 53.10	+14 38 33.1		327	1999 AE ₁₀	1999 01	25.79928	08 36 31.18	+11 48 12.4	18.6 120
1999 AX ₉	1999 01	14.63940	07 54 52.06	+14 38 32.0	18.7	327	1999 AE ₁₀	1999 01	25.82588	08 36 29.53	+11 48 19.9	120
1999 AX ₉	1999 01	14.65072	07 54 51.42	+14 38 31.7		327	1999 AF ₁₀	* 1999 01	14.00221	08 47 15.05	+11 02 11.1	18.6 120
1999 AY ₉	* 1999 01	13.70056	07 57 14.44	+14 29 23.1		327	1999 AF ₁₀	1999 01	14.03471	08 47 13.22	+11 02 14.5	120
1999 AY ₉	1999 01	13.70525	07 57 14.07	+14 29 20.8		327	1999 AF ₁₀	1999 01	14.04727	08 47 12.65	+11 02 16.7	120
1999 AY ₉	1999 01	13.72009	07 57 12.51	+14 29 08.5		327	1999 AF ₁₀	1999 01	14.96632	08 46 24.11	+11 04 21.5	18.7 120
1999 AY ₉	1999 01	13.72479	07 57 12.01	+14 29 05.4		327	1999 AF ₁₀	1999 01	14.98450	08 46 23.29	+11 04 23.5	120
1999 AY ₉	1999 01	13.73962	07 57 10.42	+14 28 53.0	18.7	327	1999 AF ₁₀	1999 01	16.00562	08 45 28.53	+11 06 50.4	18.6 120
1999 AY ₉	1999 01	13.74591	07 57 09.79	+14 28 48.0	18.5	327	1999 AF ₁₀	1999 01	21.89058	08 40 01.15	+11 22 40.3	18.6 120
1999 AY ₉	1999 01	14.62056	07 55 42.59	+14 17 15.2		327	1999 AF ₁₀	1999 01	21.90670	08 40 00.19	+11 22 42.9	120
1999 AY ₉	1999 01	14.62994	07 55 41.61	+14 17 07.6	18.8	327	1999 AF ₁₀	1999 01	21.91894	08 39 59.51	+11 22 45.1	120
1999 AY ₉	1999 01	14.63940	07 55 40.65	+14 16 59.6		327	1999 AF ₁₀	1999 01	25.82588	08 36 14.17	+11 34 43.1	18.8 120
1999 AY ₉	1999 01	14.65072	07 55 39.46	+14 16 51.6		327	1999 AG ₁₀	* 1999 01	14.06036	10 59 55.59	+04 27 43.7	18.0 120
1999 AY ₉	1999 01	15.76969	07 53 46.75	+14 02 08.0		327	1999 AG ₁₀	1999 01	14.08574	10 59 55.28	+04 27 42.3	120
1999 AY ₉	1999 01	15.78397	07 53 45.28	+14 01 56.3	19.3	327	1999 AG ₁₀	1999 01	14.12197	10 59 54.66	+04 27 41.1	120
1999 AY ₉	1999 01	15.79824	07 53 43.79	+14 01 44.8		327	1999 AG ₁₀	1999 01	15.09591	10 59 41.64	+04 26 55.4	18.2 120
1999 AZ ₉	1998 11	24.38220	08 09 08.23	+32 16 06.4	18.6 R	699	1999 AG ₁₀	1999 01	15.12449	10 59 41.29	+04 26 54.0	120
1999 AZ ₉	1998 11	24.40763	08 09 07.99	+32 16 16.2		699	1999 AG ₁₀	1999 01	15.43087	10 59 36.70	+04 26 44.3	18.6 R 699
1999 AZ ₉	1998 11	24.43111	08 09 07.72	+32 16 28.0		699	1999 AG ₁₀	1999 01	15.45635	10 59 36.30	+04 26 43.5	699
1999 AZ ₉	* 1999 01	09.32100	07 22 51.59	+37 07 43.2	17.7 R	699	1999 AG ₁₀	1999 01	15.48184	10 59 35.79	+04 26 42.0	699
1999 AZ ₉	1999 01	09.33884	07 22 49.99	+37 07 45.8		699	1999 AG ₁₀	1999 01	20.09962	10 58 03.11	+04 26 14.8	18.2 120
1999 AZ ₉	1999 01	09.35672	07 22 48.22	+37 07 48.4		699	1999 AG ₁₀	1999 01	20.12633	10 58 02.49	+04 26 15.6	120
1999 AZ ₉	1999 01	14.89212	07 14 38.33	+37 17 33.8		557	1999 AG ₁₀	1999 01	20.97976	10 57 40.69	+04 26 41.5	18.4 120
1999 AZ ₉	1999 01	14.89225	07 14 38.39	+37 17 34.0	17.7 R	046	1999 AG ₁₀	1999 01	21.06490	10 57 38.24	+04 26 43.6	120
1999 AZ ₉	1999 01	14.89380	07 14 38.23	+37 17 34.5		046	1999 AG ₁₀	1999 01	22.02035	10 57 11.85	+04 27 23.5	18.3 120
1999 AZ ₉	1999 01	14.89444	07 14 38.13	+37 17 33.9		557	1999 AG ₁₀	1999 01	22.07181	10 57 10.26	+04 27 26.2	18.3 120
1999 AZ ₉	1999 01	14.89516	07 14 38.12	+37 17 34.6		046	1999 AG ₁₀	1999 01	22.07457	10 57 10.18	+04 27 25.4	120
1999 AZ ₉	1999 01	14.89653	07 14 38.00	+37 17 34.6		046	1999 AG ₁₀	1999 01	22.08780	10 57 09.76	+04 27 27.4	120
1999 AZ ₉	1999 01	14.89677	07 14 37.89	+37 17 34.1		557	1999 AG ₁₀	1999 01	22.09027	10 57 09.70	+04 27 26.3	120
1999 AZ ₉	1999 01	14.89810	07 14 37.85	+37 17 34.7		046	1999 AG ₁₀	1999 01	23.95486	10 56 12.71	+04 29 18.4	18.6 120
1999 AZ ₉	1999 01	14.89910	07 14 37.71	+37 17 34.2	17.8 V	557	1999 AG ₁₀	1999 01	24.06662	10 56 08.92	+04 29 26.6	120
1999 AZ ₉	1999 01	15.26352	07 14 06.31	+37 17 56.3	18.2 V	734	1999 AG ₁₀	1999 01	24.08480	10 56 08.27	+04 29 27.8	120
1999 AZ ₉	1999 01	15.29358	07 14 03.61	+37 17 58.9	18.3 V	734	1999 AG ₁₀	1999 01	25.03418	10 55 36.49	+04 30 42.6	18.4 120
1999 AZ ₉	1999 01	15.29737	07 14 03.24	+37 17 58.8	18.5 V	734	1999 AG ₁₀	1999 01	25.07667	10 55 34.86	+04 30 46.0	120
1999 AZ ₉	1999 01	15.30191	07 14 02.87	+37 17 58.5	18.3 V	734	1999 AH ₁₀	* 1999 01	14.06663	11 45 55.06	+02 46 19.9	18.4 120
1999 AZ ₉	1999 01	15.49771	07 13 46.41	+37 18 15.3								

1999 AL ₁₀	1999 01	15.09912	05 05 10.67	+69 37 54.5		703	1999 AO ₁₀	1999 01	17.12563	09 46 18.24	+52 14 29.1	16.7 R	046
1999 AL ₁₀	1999 01	15.11962	05 05 11.98	+69 37 19.2	18.9 R	703	1999 AO ₁₀	1999 01	17.13062	09 46 08.28	+52 14 13.6		118
1999 AL ₁₀	1999 01	15.24333	05 05 18.21	+69 33 39.2		703	1999 AO ₁₀	1999 01	17.13392	09 46 02.64	+52 14 05.0	16.9 R	118
1999 AL ₁₀	1999 01	15.24878	05 05 18.18	+69 33 30.9		703	1999 AO ₁₀	1999 01	17.14095	09 45 50.65	+52 13 46.8		118
1999 AL ₁₀	1999 01	15.31021	05 05 21.75	+69 31 37.9	18.9 R	703	1999 AO ₁₀	1999 01	17.68120	09 32 13.36	+51 56 10.9	17.0 V	402
1999 AL ₁₀	1999 01	16.28481	05 06 24.28	+69 02 24.8		703	1999 AO ₁₀	1999 01	17.68260	09 32 10.98	+51 56 07.0		402
1999 AL ₁₀	1999 01	16.28991	05 06 24.19	+69 02 26.4		703	1999 AO ₁₀	1999 01	17.68399	09 32 08.48	+51 56 04.0		402
1999 AM ₁₀	* 1999 01	13.44502	08 59 04.69	+69 13 02.8	18.1	704	1999 AO ₁₀	1999 01	17.68538	09 32 06.01	+51 56 00.5		402
1999 AM ₁₀	1999 01	13.45607	08 59 20.03	+69 14 55.4	18.5	704	1999 AO ₁₀	1999 01	17.93073	09 26 02.29	+51 42 53.4	16.9 R	118
1999 AM ₁₀	1999 01	13.46715	08 59 36.04	+69 16 46.2	19.4	704	1999 AO ₁₀	1999 01	17.93337	09 25 57.78	+51 42 47.6		118
1999 AM ₁₀	1999 01	13.47822	08 59 51.97	+69 18 38.8	18.8	704	1999 AO ₁₀	1999 01	17.93741	09 25 51.05	+51 42 38.7		118
1999 AM ₁₀	1999 01	14.19376	09 20 36.78	+71 20 43.5	18.1	704	1999 AO ₁₀	1999 01	19.23032	08 53 11.45	+50 20 53.4		104
1999 AM ₁₀	1999 01	14.21672	09 21 20.07	+71 24 44.9	18.7	704	1999 AO ₁₀	1999 01	19.23218	08 53 08.75	+50 20 42.2		104
1999 AM ₁₀	1999 01	14.24043	09 22 05.02	+71 28 51.6	19.1	704	1999 AO ₁₀	1999 01	19.23417	08 53 05.92	+50 20 31.5		104
1999 AM ₁₀	1999 01	14.26345	09 22 48.29	+71 32 51.3	18.7	704	1999 AO ₁₀	1999 01	19.76134	08 41 41.38	+49 38 22.0	16.7 R	540
1999 AM ₁₀	1999 01	14.28654	09 23 32.55	+71 36 48.9	18.4	704	1999 AO ₁₀	1999 01	19.76273	08 41 39.41	+49 38 17.1		540
1999 AM ₁₀	1999 01	15.06697	09 53 11.29	+73 42 18.9	17.3 R	046	1999 AO ₁₀	1999 01	19.76412	08 41 37.43	+49 38 11.1		540
1999 AM ₁₀	1999 01	15.06820	09 53 14.34	+73 42 30.0		046	1999 AO ₁₀	1999 01	19.76551	08 41 35.41	+49 38 06.2		540
1999 AM ₁₀	1999 01	15.06876	09 53 15.73	+73 42 34.5		046	1999 AO ₁₀	1999 01	19.89957	08 38 22.89	+49 29 18.1		104
1999 AM ₁₀	1999 01	15.06928	09 53 17.14	+73 42 40.1		046	1999 AO ₁₀	1999 01	19.90142	08 38 20.10	+49 29 09.6		104
1999 AM ₁₀	1999 01	15.06989	09 53 18.77	+73 42 46.1		046	1999 AO ₁₀	1999 01	19.90330	08 38 17.32	+49 29 02.0		104
1999 AM ₁₀	1999 01	15.07043	09 53 19.95	+73 42 50.1		046	1999 AO ₁₀	1999 01	19.91339	08 38 02.10	+49 28 16.4		104
1999 AM ₁₀	1999 01	15.95410	10 39 00.00	+75 44 29.1		587	1999 AO ₁₀	1999 01	19.91524	08 37 59.26	+49 28 07.7		104
1999 AM ₁₀	1999 01	15.96310	10 39 31.80	+75 45 36.3		587	1999 AO ₁₀	1999 01	20.12102	08 32 48.13	+49 09 30.3		104
1999 AM ₁₀	1999 01	15.96479	10 39 37.67	+75 45 49.6		587	1999 AO ₁₀	1999 01	20.12287	08 32 45.38	+49 09 18.9		104
1999 AM ₁₀	1999 01	19.95474	15 22 22.23	+73 26 52.1		104	1999 AO ₁₀	1999 01	20.12544	08 32 41.63	+49 09 02.3		104
1999 AM ₁₀	1999 01	19.95660	15 22 27.60	+73 26 32.7		104	1999 AO ₁₀	1999 01	20.88958	08 16 51.87	+47 56 51.4		587
1999 AM ₁₀	1999 01	19.95845	15 22 33.11	+73 26 12.9		104	1999 AO ₁₀	1999 01	20.89143	08 16 49.33	+47 56 41.5		587
1999 AM ₁₀	1999 01	19.96024	15 22 38.60	+73 25 55.8	18.1 V	104	1999 AO ₁₀	1999 01	21.15443	08 10 49.39	+47 28 23.7	16.5 R	046
1999 AM ₁₀	1999 01	20.93438	16 03 00.87	+70 12 42.2		587	1999 AO ₁₀	1999 01	21.15513	08 10 48.56	+47 28 18.9		046
1999 AM ₁₀	1999 01	20.93623	16 03 04.88	+70 12 19.0		587	1999 AO ₁₀	1999 01	21.15575	08 10 47.74	+47 28 14.4		046
1999 AM ₁₀	1999 01	20.93987	16 03 12.73	+70 11 34.7		587	1999 AO ₁₀	1999 01	21.15625	08 10 47.07	+47 28 10.5		046
1999 AN ₁₀	* 1999 01	13.49892	10 18 58.47	+70 45 49.2	19.0	704	1999 AO ₁₀	1999 01	23.85399	07 24 19.50	+42 24 52.7	16.8 R	540
1999 AN ₁₀	1999 01	13.50926	10 18 53.43	+70 46 04.0	19.3	704	1999 AO ₁₀	1999 01	23.85544	07 24 18.14	+42 24 43.8		540
1999 AN ₁₀	1999 01	13.51969	10 18 48.43	+70 46 24.2	18.7	704	1999 AO ₁₀	1999 01	23.85828	07 24 15.31	+42 24 25.4		540
1999 AN ₁₀	1999 01	13.53029	10 18 43.69	+70 46 43.6	18.9	704	1999 AO ₁₀	1999 01	23.86285	07 24 10.65	+42 23 53.8		540
1999 AN ₁₀	1999 01	13.54075	10 18 38.36	+70 47 01.2	18.8	704	1999 AO ₁₀	1999 01	24.11701	07 20 01.58	+41 52 09.3	17.1 R	046
1999 AN ₁₀	1999 01	14.91131	10 07 28.84	+71 27 52.1		557	1999 AO ₁₀	1999 01	24.11767	07 20 01.00	+41 52 04.7		046
1999 AN ₁₀	1999 01	14.91911	10 07 24.61	+71 28 06.9	18.0 V	557	1999 AO ₁₀	1999 01	24.11851	07 20 00.25	+41 51 57.5		046
1999 AN ₁₀	1999 01	15.07211	10 05 59.23	+71 32 43.0	17.6 R	046	1999 AO ₁₀	1999 01	24.11988	07 19 59.05	+41 51 46.9		046
1999 AN ₁₀	1999 01	15.07337	10 05 58.50	+71 32 45.4		046	1999 AO ₁₀	1999 01	24.38517	07 16 24.82	+41 21 33.7		658
1999 AN ₁₀	1999 01	15.07455	10 05 57.78	+71 32 46.8		046	1999 AO ₁₀	1999 01	24.38772	07 16 22.47	+41 21 14.2		658
1999 AN ₁₀	1999 01	15.07590	10 05 57.05	+71 32 49.4		046	1999 AO ₁₀	1999 01	24.39169	07 16 18.69	+41 20 43.6		658
1999 AN ₁₀	1999 01	15.07729	10 05 56.22	+71 32 52.2		046	1999 AO ₁₀	1999 01	26.56977	06 50 14.73	+37 06 12.2	17.0 V	402
1999 AN ₁₀	1999 01	15.94225	09 57 37.71	+71 57 58.0		587	1999 AO ₁₀	1999 01	26.57255	06 50 12.58	+37 05 52.6		402
1999 AN ₁₀	1999 01	15.94572	09 57 35.36	+71 58 04.5		587	1999 AO ₁₀	1999 01	26.57393	06 50 11.51	+37 05 42.7		402
1999 AN ₁₀	1999 01	16.18878	09 55 05.87	+72 04 54.5	18.1	704	1999 AO ₁₀	1999 01	26.69132	06 48 45.07	+36 51 39.7	17.4 V	360
1999 AN ₁₀	1999 01	16.21076	09 54 51.70	+72 05 34.5	17.6	704	1999 AO ₁₀	1999 01	26.69306	06 48 43.81	+36 51 26.3		360
1999 AN ₁₀	1999 01	16.23272	09 54 37.31	+72 06 14.1	19.3	704	1999 AO ₁₀	1999 01	26.69462	06 48 42.68	+36 51 14.9		360
1999 AN ₁₀	1999 01	16.25480	09 54 23.17	+72 06 53.7	18.4	704	1999 AO ₁₀	1999 01	26.69635	06 48 41.47	+36 51 01.3		360
1999 AN ₁₀	1999 01	17.10964	09 44 44.96	+72 30 27.9	16.8 R	046	1999 AP ₁₀	* 1999 01	14.09771	06 29 04.05	+51 37 08.0	17.3	704
1999 AN ₁₀	1999 01	17.11042	09 44 44.43	+72 30 28.8		046	1999 AP ₁₀	1999 01	14.12068	06 29 06.16	+51 36 15.2	18.6	704
1999 AN ₁₀	1999 01	17.11116	09 44 43.86	+72 30 30.4		046	1999 AP ₁₀	1999 01	14.14404	06 29 07.93	+51 35 21.1	19.2	704
1999 AN ₁₀	1999 01	17.11197	09 44 43.28	+72 30 31.5		046	1999 AP ₁₀	1999 01	14.16707	06 29 09.59	+51 34 22.8		704
1999 AN ₁₀	1999 01	17.68882	09 37 41.90	+72 45 46.3	18.1 V	402	1999 AP ₁₀	1999 01	14.19013	06 29 11.48	+51 33 30.8	18.0	704
1999 AN ₁₀	1999 01	17.69022	09 37 40.86	+72 45 48.3		402	1999 AP ₁₀	1999 01	15.01492	06 30 23.42	+51 00 07.8	15.5 R	046
1999 AN ₁₀	1999 01	17.69161	09 37 39.71	+72 45 50.6		402	1999 AP ₁₀	1999 01	15.01595	06 30 23.58	+51 00 05.6		046
1999 AN ₁₀	1999 01	17.74047	09 37 05.53	+72 46 42.7	16.7 R	540	1999 AP ₁₀	1999 01	15.01701	06 30 23.60	+51 00 03.6		046
1999 AN ₁₀	1999 01	17.74397	09 37 02.90	+72 46 48.2		540	1999 AP ₁₀	1999 01	15.01852	06 30 23.72	+50 59 59.3		046
1999 AN ₁₀	1999 01	17.74800	09 36 59.51	+72 46 54.7		540	1999 AP ₁₀	1999 01	15.14782	06 30 37.14	+50 54 55.8	15.9 V	734
1999 AN ₁₀	1999 01	19.76516	09 08 03.03	+73 32 08.9	17.9 R	151	1999 AP ₁₀	1999 01	15.15659	06 30 37.80	+50 54 35.1	15.8 V	734
1999 AN ₁₀	1999 01	19.77558	09 07 53.35	+73 32 22.0	17.7 R	151	1999 AP ₁₀	1999 01	15.15869	06 30 37.96	+50 54 30.8	15.9 V	734
1999 AN ₁₀	1999 01	19.78518	09 07 43.16	+73 32 34.9	17.9 R	151	1999 AP ₁₀	1999 01	15.72670	06 31 28.30	+50 51 51.7	15.9 R	151
1999 AN ₁₀	1999 01	19.89204	09 05 59.48	+73 34 41.2		587	1999 AP ₁₀	1999 01	15.73102	06 31 28.67	+50 51 41.8	16.0 R	151
1999 AN ₁₀	1999 01	19.89456	09 05 56.91	+73 34 44.3		587	1999 AP ₁₀	1999 01	15.73404	06 31 28.85	+50 51 35.2	15.9 R	151
1999 AN ₁₀	1999 01	21.16412	08 43 50.02	+73 53 25.2	16.9 R	046	1999 AP ₁₀	1999 01	15.74037	06 31 29.43	+50 51 20.7	15.8 R	151
1999 AN ₁₀	1999 01	21.16478	08 43 49.41	+73 53 25.7		046	1999 AP ₁₀	1999 01	15.80271	06 31 34.19	+50 28 59.5	15.8 R	I 540
1999 AN ₁₀	1999 01	21.16549	08 43 48.53	+73 53 26.2		046	1999 AP ₁₀	1999 01	15.80411	06 31 34.36	+50 28 55.8	I	540
1999 AN ₁₀	1999 01	21.89368	08 30 04.01	+73 59 51.8</									

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1999 AP ₁₀	1999 01	18.07083	06 34 40.16	+49 02 15.9	15.3 V	636	1999 AQ ₁₀	1999 01	21.15988	08 32 52.79	+46 07 21.2	046
1999 AP ₁₀	1999 01	18.81373	06 35 41.55	+48 34 50.1		127	1999 AQ ₁₀	1999 01	21.87407	08 27 30.37	+46 13 34.8	151
1999 AP ₁₀	1999 01	18.81822	06 35 41.86	+48 34 40.3		127	1999 AQ ₁₀	1999 01	21.87867	08 27 28.00	+46 13 38.8	17.4 R
1999 AP ₁₀	1999 01	18.82441	06 35 42.29	+48 34 26.9		127	1999 AQ ₁₀	1999 01	21.88420	08 27 25.38	+46 13 41.2	17.4 R
1999 AP ₁₀	1999 01	18.88208	06 35 46.09	+48 32 23.7		118	1999 AQ ₁₀	1999 01	21.89112	08 27 21.82	+46 13 45.0	17.7 R
1999 AP ₁₀	1999 01	18.88847	06 35 46.53	+48 32 09.7	15.9 R	118	1999 AQ ₁₀	1999 01	22.64531	08 21 18.75	+46 18 58.6	17.6 V
1999 AP ₁₀	1999 01	19.81317	06 36 59.50	+47 58 39.4	16.3 R	151	1999 AQ ₁₀	1999 01	22.64740	08 21 17.66	+46 18 59.2	360
1999 AP ₁₀	1999 01	19.81847	06 36 59.92	+47 58 28.5	16.2 R	151	1999 AQ ₁₀	1999 01	22.64913	08 21 16.76	+46 18 59.8	360
1999 AP ₁₀	1999 01	19.82037	06 36 59.97	+47 58 23.0		127	1999 AQ ₁₀	1999 01	23.83802	08 11 28.14	+46 22 38.3	16.6 R
1999 AP ₁₀	1999 01	19.82429	06 37 00.27	+47 58 16.0	16.2 R	151	1999 AQ ₁₀	1999 01	23.83953	08 11 27.37	+46 22 38.5	540
1999 AP ₁₀	1999 01	19.82807	06 37 00.58	+47 58 08.0	16.4 R	151	1999 AQ ₁₀	1999 01	23.84101	08 11 26.61	+46 22 39.0	540
1999 AP ₁₀	1999 01	19.82894	06 37 00.58	+47 58 05.2		127	1999 AQ ₁₀	1999 01	23.84251	08 11 25.81	+46 22 38.8	540
1999 AP ₁₀	1999 01	19.87951	06 37 04.05	+47 56 20.6		587	1999 AQ ₁₀	1999 01	24.12331	08 08 54.81	+46 22 48.2	16.5 R
1999 AP ₁₀	1999 01	19.88329	06 37 04.29	+47 56 12.1		587	1999 AQ ₁₀	1999 01	24.12411	08 08 54.38	+46 22 48.0	046
1999 AP ₁₀	1999 01	20.53304	06 37 53.98	+47 33 12.3	16.0 V	355	1999 AQ ₁₀	1999 01	24.12515	08 08 53.83	+46 22 48.2	046
1999 AP ₁₀	1999 01	20.53542	06 37 54.16	+47 33 07.6		355	1999 AQ ₁₀	1999 01	24.12634	08 08 53.21	+46 22 48.0	046
1999 AP ₁₀	1999 01	20.53802	06 37 54.29	+47 33 02.0		355	1999 AQ ₁₀	1999 01	24.39444	08 06 36.76	+46 23 04.0	658
1999 AP ₁₀	1999 01	20.76470	06 38 12.47	+47 24 51.8	15.4 V	636	1999 AQ ₁₀	1999 01	24.39787	08 06 34.86	+46 23 02.5	658
1999 AP ₁₀	1999 01	20.77373	06 38 12.92	+47 24 33.4	15.5 V	636	1999 AQ ₁₀	1999 01	24.40154	08 06 32.85	+46 23 03.2	658
1999 AP ₁₀	1999 01	20.94756	06 38 24.91	+47 18 34.1		127	1999 AQ ₁₀	1999 01	26.19308	07 50 34.60	+46 16 28.5	16.7 R
1999 AP ₁₀	1999 01	20.95222	06 38 25.21	+47 18 24.2		127	1999 AQ ₁₀	1999 01	26.19712	07 50 32.23	+46 16 26.8	16.7 R
1999 AP ₁₀	1999 01	20.95721	06 38 25.53	+47 18 13.8		127	1999 AQ ₁₀	1999 01	26.20850	07 50 25.64	+46 16 21.2	16.7 R
1999 AP ₁₀	1999 01	21.15023	06 38 38.85	+47 11 21.0	15.8 R	046	1999 AQ ₁₀	1999 01	26.60601	07 46 46.64	+46 13 18.6	17.0 V
1999 AP ₁₀	1999 01	21.15177	06 38 38.97	+47 11 17.7		046	1999 AQ ₁₀	1999 01	26.60741	07 46 45.82	+46 13 17.6	402
1999 AP ₁₀	1999 01	21.15299	06 38 39.06	+47 11 15.1		046	1999 AQ ₁₀	1999 01	26.60880	07 46 44.99	+46 13 16.8	402
1999 AP ₁₀	1999 01	21.82572	06 39 31.65	+46 48 12.9	16.5 R	151	1999 AQ ₁₀	1999 01	26.71719	07 45 41.28	+46 12 08.6	17.3 V
1999 AP ₁₀	1999 01	21.82990	06 39 31.97	+46 48 04.3	16.4 R	151	1999 AQ ₁₀	1999 01	26.71892	07 45 40.25	+46 12 07.3	360
1999 AP ₁₀	1999 01	21.83346	06 39 32.21	+46 47 57.2	16.4 R	151	1999 AQ ₁₀	1999 01	26.72031	07 45 39.41	+46 12 06.7	360
1999 AP ₁₀	1999 01	21.83753	06 39 32.48	+46 47 49.1	16.5 R	151	1999 AR ₁₀	* 1999 01	07.06909	01 24 05.16	+09 05 59.2	20.9 V
1999 AP ₁₀	1999 01	21.93796	06 39 39.03	+46 44 24.8		587	1999 AR ₁₀	1999 01	07.09018	01 24 05.86	+09 06 06.5	20.2 V
1999 AP ₁₀	1999 01	21.94301	06 39 39.34	+46 44 14.7		587	1999 AR ₁₀	1999 01	07.11146	01 24 06.57	+09 06 13.1	20.7 V
1999 AP ₁₀	1999 01	22.52500	06 40 23.18	+46 24 35.0	16.0 V	360	1999 AR ₁₀	1999 01	15.15224	01 29 21.08	+09 53 39.3	20.6 V
1999 AP ₁₀	1999 01	22.52760	06 40 23.34	+46 24 29.8		360	1999 AR ₁₀	1999 01	15.17345	01 29 22.00	+09 53 47.7	21.0 V
1999 AP ₁₀	1999 01	22.52969	06 40 23.47	+46 24 25.6		360	1999 AR ₁₀	1999 01	15.19446	01 29 22.89	+09 53 55.2	20.9 V
1999 AP ₁₀	1999 01	24.10520	06 42 16.60	+45 32 07.5	16.0 R	046	1999 AR ₁₀	1999 01	19.10848	01 32 18.95	+10 18 31.7	20.6 V
1999 AP ₁₀	1999 01	24.10579	06 42 16.59	+45 32 06.5		046	1999 AR ₁₀	1999 01	19.12973	01 32 19.89	+10 18 40.1	20.6 V
1999 AP ₁₀	1999 01	24.10667	06 42 16.66	+45 32 04.7		046	1999 AR ₁₀	1999 01	19.15153	01 32 20.89	+10 18 48.4	20.5 V
1999 AP ₁₀	1999 01	24.10745	06 42 16.69	+45 32 03.2		046	1999 AS ₁₀	* 1999 01	07.07080	01 26 33.17	+09 10 32.7	20.5 V
1999 AP ₁₀	1999 01	24.29918	06 42 31.69	+45 25 57.4		658	1999 AS ₁₀	1999 01	07.09190	01 26 34.05	+09 10 37.6	20.4 V
1999 AP ₁₀	1999 01	24.30138	06 42 31.85	+45 25 53.0		658	1999 AS ₁₀	1999 01	07.11317	01 26 34.95	+09 10 43.2	20.2 V
1999 AP ₁₀	1999 01	24.30505	06 42 32.10	+45 25 45.8		658	1999 AS ₁₀	1999 01	15.15479	01 33 01.87	+09 45 39.9	20.2 V
1999 AP ₁₀	1999 01	24.80419	06 43 09.08	+45 09 42.7		151	1999 AS ₁₀	1999 01	15.17600	01 33 02.92	+09 45 46.1	20.3 V
1999 AP ₁₀	1999 01	24.80915	06 43 09.25	+45 09 33.8		151	1999 AS ₁₀	1999 01	15.19702	01 33 04.06	+09 45 52.5	20.7 V
1999 AP ₁₀	1999 01	24.81450	06 43 09.65	+45 09 23.7	16.4 V	151	1999 AT ₁₀	* 1999 01	07.07388	01 31 00.66	+09 01 02.2	20.1 V
1999 AP ₁₀	1999 01	26.57611	06 45 14.11	+44 14 18.5	16.7 V	402	1999 AT ₁₀	1999 01	07.11627	01 31 03.43	+09 01 14.4	20.3 V
1999 AP ₁₀	1999 01	26.57751	06 45 14.19	+44 14 15.8		402	1999 AT ₁₀	1999 01	15.16009	01 40 41.29	+09 43 29.0	20.3 V
1999 AP ₁₀	1999 01	26.57890	06 45 14.28	+44 14 13.3		402	1999 AT ₁₀	1999 01	15.18131	01 40 42.87	+09 43 35.9	19.7 V
1999 AP ₁₀	1999 01	26.62090	06 45 16.86	+44 12 55.3	16.5 V	900	1999 AT ₁₀	1999 01	15.20233	01 40 44.48	+09 43 43.2	20.4 V
1999 AP ₁₀	1999 01	26.63006	06 45 17.41	+44 12 38.1		900	1999 AT ₁₀	1999 01	19.11788	01 45 53.25	+10 06 52.9	20.5 V
1999 AP ₁₀	1999 01	26.70052	06 45 21.92	+44 10 26.3	16.3 V	360	1999 AT ₁₀	1999 01	19.13914	01 45 54.93	+10 07 00.6	20.4 V
1999 AP ₁₀	1999 01	26.70226	06 45 22.01	+44 10 23.2		360	1999 AT ₁₀	1999 01	19.16095	01 45 56.63	+10 07 08.5	20.6 V
1999 AP ₁₀	1999 01	26.70399	06 45 22.12	+44 10 19.9		360	1999 AU ₁₀	* 1999 01	07.07636	01 34 35.04	+09 10 33.3	20.0 V
1999 AP ₁₀	* 1999 01	14.32980	09 15 36.23	+44 21 03.6		704	1999 AU ₁₀	1999 01	07.09746	01 34 35.42	+09 10 36.0	20.3 V
1999 AQ ₁₀	1999 01	14.37573	09 15 21.24	+44 21 59.6	18.8	704	1999 AU ₁₀	1999 01	07.11872	01 34 35.77	+09 10 38.7	20.2 V
1999 AQ ₁₀	1999 01	14.39868	09 15 13.71	+44 22 26.0	18.7	704	1999 AU ₁₀	1999 01	15.09015	01 37 25.89	+09 29 19.4	20.3 V
1999 AQ ₁₀	1999 01	14.42381	09 15 05.50	+44 22 53.9	18.8	704	1999 AU ₁₀	1999 01	15.11119	01 37 26.46	+09 29 23.1	20.1 V
1999 AQ ₁₀	1999 01	15.02696	09 12 02.71	+44 34 25.5		046	1999 AU ₁₀	1999 01	15.13218	01 37 26.92	+09 29 26.7	20.1 V
1999 AQ ₁₀	1999 01	15.02801	09 12 02.45	+44 34 26.6	17.0 R	046	1999 AV ₁₀	* 1999 01	07.08133	01 41 45.46	+09 15 53.0	20.2 V
1999 AQ ₁₀	1999 01	15.02914	09 12 01.99	+44 34 28.3		046	1999 AV ₁₀	1999 01	07.10243	01 41 45.97	+09 15 58.3	20.7 V
1999 AQ ₁₀	1999 01	15.03150	09 12 01.23	+44 34 31.0		046	1999 AV ₁₀	1999 01	07.12369	01 41 46.46	+09 16 03.5	20.4 V
1999 AQ ₁₀	1999 01	15.85290	09 07 40.53	+44 49 46.9	16.9 R	046	1999 AV ₁₀	1999 01	15.16353	01 45 38.70	+09 51 31.5	20.3 V
1999 AQ ₁₀	1999 01	15.85381	09 07 40.22	+44 49 47.7		046	1999 AV ₁₀	1999 01	15.18473	01 45 39.36	+09 51 37.3	20.6 V
1999 AQ ₁₀	1999 01	15.85468	09 07 39.96	+44 49 48.6		046	1999 AV ₁₀	1999 01	15.20575	01 45 40.07	+09 51 43.7	20.4 V
1999 AQ ₁₀	1999 01	15.85609	09 07 39.48	+44 49 50.7		046	1999 AV ₁₀	1999 01	19.11929	01 47 55.50	+10 10 33.7	20.5 V
1999 AQ ₁₀	1999 01	15.85707	09 07 39.12	+44 49 51.7		046	1999 AV ₁₀	1999 01	19.14054	01 47 56.22	+10 10 39.9	20.6 V
1999 AQ ₁₀	1999 01	15.92572	09 07 15.62	+44 51 17.8		587	1999 AV ₁₀	1999 01	19.16234	01 47 57.03	+10 10 46.4	20.7 V
1999 AQ ₁₀	1999 01	15.92868	09 07 14.57	+44 51 20.9		587	1999 AW ₁₀	* 1999 01	07.30991	08 12 10.15	+18 09 29.2	19.0 V
1999 AQ ₁₀	1999 01	16.18895	09 05 49.09	+44 56 08.7	18.0	704	1999 AW ₁₀	1999 01	07.33201	08 12 09.03	+18 09 31.8	19.0 V
1999 AQ ₁₀	1999 01	16.21093	09 05 41.21	+44 56 36.1	17.2	704	1999 AW ₁₀	1999 01	07.35432	08 12 07.93	+18 09 33.9	19.0 V
1999 AQ ₁₀	1999 01	16.23290	09 05 33.29	+44 57 04.2	17.2	704	1999 AW ₁₀	1999 01	14.24670	08 06 20.02	+18 21 45.2	18.8 V
1999 AQ ₁₀	1999 01	16.254										

1999 AA ₁₁	1999 01	19.37241	08 03	10.63	+19 29	27.1	17.9	704	1999 AT ₁₁	* 1999 01	07.32068	08 27	43.61	+18 25	24.9	20.6	V	691	
1999 AA ₁₁	1999 01	19.39446	08 03	09.21	+19 29	33.2	17.8	704	1999 AT ₁₁	1999 01	07.34279	08 27	42.43	+18 25	30.5	20.2	V	691	
1999 AB ₁₁	* 1999 01	07.31249	08 15	53.88	+18 03	12.3	20.8	V	691	1999 AT ₁₁	1999 01	07.36509	08 27	41.24	+18 25	35.8	20.5	V	691
1999 AB ₁₁	1999 01	07.33460	08 15	52.75	+18 03	21.5	20.9	V	691	1999 AT ₁₁	1999 01	14.32357	08 21	22.55	+18 56	14.7	20.7	V	691
1999 AB ₁₁	1999 01	07.35690	08 15	51.57	+18 03	30.4	20.4	V	691	1999 AT ₁₁	1999 01	14.34772	08 21	21.04	+18 56	21.7	20.4	V	691
1999 AB ₁₁	1999 01	14.31544	08 09	38.25	+18 50	04.2	21.8	V	691	1999 AT ₁₁	1999 01	14.36985	08 21	19.72	+18 56	27.6	20.9	V	691
1999 AB ₁₁	1999 01	14.33959	08 09	36.91	+18 50	13.7	20.6	V	691	1999 AU ₁₁	* 1999 01	07.32085	08 27	57.94	+18 09	22.2	19.7	V	691
1999 AB ₁₁	1999 01	14.36173	08 09	35.58	+18 50	22.3	20.9	V	691	1999 AU ₁₁	1999 01	07.34295	08 27	56.65	+18 09	25.9	19.6	V	691
1999 AC ₁₁	* 1999 01	07.31263	08 16	06.05	+18 05	22.0	20.6	V	691	1999 AU ₁₁	1999 01	07.36525	08 27	55.41	+18 09	29.6	19.3	V	691
1999 AC ₁₁	1999 01	07.33474	08 16	04.85	+18 05	22.5	20.3	V	691	1999 AU ₁₁	1999 01	14.25698	08 21	10.62	+18 29	09.8	19.0	V	691
1999 AC ₁₁	1999 01	07.35704	08 16	03.63	+18 05	23.1	19.9	V	691	1999 AU ₁₁	1999 01	14.27919	08 21	09.20	+18 29	14.1	19.3	V	691
1999 AC ₁₁	1999 01	14.24911	08 09	48.71	+18 09	27.2	20.2	V	691	1999 AU ₁₁	1999 01	14.30151	08 21	07.78	+18 29	18.5	19.6	V	691
1999 AC ₁₁	1999 01	14.27132	08 09	47.45	+18 09	28.7	20.1	V	691	1999 AV ₁₁	* 1999 01	07.32088	08 28	00.56	+18 24	24.9	18.3	V	691
1999 AC ₁₁	1999 01	14.29365	08 09	46.23	+18 09	29.4	19.9	V	691	1999 AV ₁₁	1999 01	07.34298	08 27	59.25	+18 24	27.3	18.4	V	691
1999 AD ₁₁	* 1999 01	07.31385	08 17	51.46	+18 06	03.9	21.0	V	691	1999 AV ₁₁	1999 01	07.36528	08 27	57.92	+18 24	29.8	18.4	V	691
1999 AD ₁₁	1999 01	07.33595	08 17	50.31	+18 06	09.8	21.0	V	691	1999 AV ₁₁	1999 01	14.32326	08 20	55.42	+18 38	29.9	18.5	V	691
1999 AD ₁₁	1999 01	07.35826	08 17	49.15	+18 06	16.5	21.6	V	691	1999 AV ₁₁	1999 01	14.34741	08 20	53.81	+18 38	32.8	18.4	V	691
1999 AD ₁₁	1999 01	14.31695	08 11	48.86	+18 41	02.9	21.5	V	691	1999 AV ₁₁	1999 01	14.36954	08 20	52.36	+18 38	35.8	18.3	V	691
1999 AD ₁₁	1999 01	14.34110	08 11	47.50	+18 41	10.2	20.9	V	691	1999 AW ₁₁	* 1999 01	07.32124	08 28	31.99	+18 01	20.2	21.1	V	691
1999 AD ₁₁	1999 01	14.36324	08 11	46.29	+18 41	17.4	20.7	V	691	1999 AW ₁₁	1999 01	07.34335	08 28	30.73	+18 01	22.9	20.9	V	691
1999 AE ₁₁	* 1999 01	07.31440	08 18	39.27	+18 19	23.9	19.9	V	691	1999 AW ₁₁	1999 01	07.36565	08 28	29.51	+18 01	25.2	21.6	V	691
1999 AE ₁₁	1999 01	07.33651	08 18	38.19	+18 19	29.2	21.0	V	691	1999 AW ₁₁	1999 01	14.25743	08 21	49.75	+18 14	22.4	20.7	V	691
1999 AE ₁₁	1999 01	07.35881	08 18	36.95	+18 19	35.3	20.6	V	691	1999 AW ₁₁	1999 01	14.27964	08 21	48.35	+18 14	24.9	21.1	V	691
1999 AE ₁₁	1999 01	14.31727	08 12	16.92	+18 50	12.7	21.0	V	691	1999 AW ₁₁	1999 01	14.30197	08 21	46.91	+18 14	28.3	21.1	V	691
1999 AE ₁₁	1999 01	14.34142	08 12	15.47	+18 50	19.4	20.3	V	691	1999 AW ₁₁	1999 01	22.39618	08 13	10.48	+18 31	33.9	20.4	V	691
1999 AE ₁₁	1999 01	14.36356	08 12	14.13	+18 50	25.1	20.5	V	691	1999 AW ₁₁	1999 01	22.41820	08 13	08.98	+18 31	36.1	20.2	V	691
1999 AF ₁₁	* 1999 01	07.31447	08 18	44.89	+18 08	21.7	20.0	V	691	1999 AW ₁₁	1999 01	22.43965	08 13	07.60	+18 31	39.7	20.6	V	691
1999 AF ₁₁	1999 01	07.33657	08 18	43.50	+18 08	25.1	20.0	V	691	1999 AX ₁₁	* 1999 01	07.32167	08 29	08.88	+18 20	22.0	20.8	V	691
1999 AF ₁₁	1999 01	07.35887	08 18	42.03	+18 08	29.2	20.0	V	691	1999 AX ₁₁	1999 01	07.34377	08 29	07.62	+18 20	29.0	21.0	V	691
1999 AF ₁₁	1999 01	14.25012	08 11	16.65	+18 28	24.0	19.9	V	691	1999 AX ₁₁	1999 01	07.36607	08 29	06.37	+18 20	36.1	21.1	V	691
1999 AF ₁₁	1999 01	14.27233	08 11	15.13	+18 28	28.1	20.0	V	691	1999 AX ₁₁	1999 01	15.36837	08 21	23.65	+19 02	56.9	20.7	V	691
1999 AF ₁₁	1999 01	14.29466	08 11	13.65	+18 28	32.2	19.9	V	691	1999 AX ₁₁	1999 01	15.39966	08 21	21.66	+19 03	06.4	20.8	V	691
1999 AG ₁₁	* 1999 01	07.31462	08 18	58.07	+18 00	08.1	19.3	V	691	1999 AY ₁₁	1999 01	15.42175	08 21	20.29	+19 03	13.9	21.2	V	691
1999 AG ₁₁	1999 01	07.33672	08 18	56.78	+18 00	12.0	19.8	V	691	1999 AY ₁₁	* 1999 01	07.32230	08 30	03.67	+18 16	30.5	19.7	V	691
1999 AG ₁₁	1999 01	07.35902	08 18	55.50	+18 00	16.3	19.8	V	691	1999 AY ₁₁	1999 01	07.34440	08 30	02.40	+18 16	31.9	19.9	V	691
1999 AG ₁₁	1999 01	14.25078	08 12	13.25	+18 22	43.4	19.4	V	691	1999 AY ₁₁	1999 01	07.36671	08 30	01.17	+18 16	33.4	19.8	V	691
1999 AG ₁₁	1999 01	14.27298	08 12	11.82	+18 22	48.5	19.1	V	691	1999 AY ₁₁	1999 01	14.25848	08 23	20.32	+18 24	04.4	19.8	V	691
1999 AG ₁₁	1999 01	14.29531	08 12	10.42	+18 22	52.7	19.2	V	691	1999 AY ₁₁	1999 01	14.28068	08 23	18.89	+18 24	05.9	19.8	V	691
1999 AH ₁₁	* 1999 01	07.31689	08 22	15.12	+18 16	15.9	19.3	V	691	1999 AY ₁₁	1999 01	14.30301	08 23	17.47	+18 24	07.8	19.8	V	691
1999 AH ₁₁	1999 01	07.33900	08 22	13.76	+18 16	16.5	19.4	V	691	1999 AY ₁₁	1999 01	22.39719	08 14	37.78	+18 34	40.0	19.3	V	691
1999 AH ₁₁	1999 01	07.36129	08 22	12.39	+18 16	17.9	19.3	V	691	1999 AY ₁₁	1999 01	22.41921	08 14	36.27	+18 34	41.8	19.3	V	691
1999 AH ₁₁	1999 01	14.25272	08 15	01.28	+18 22	12.8	19.4	V	691	1999 AZ ₁₁	1999 01	22.44065	08 14	34.84	+18 34	43.4	19.3	V	691
1999 AH ₁₁	1999 01	14.27492	08 14	59.79	+18 22	14.5	19.6	V	691	1999 AZ ₁₁	* 1999 01	07.32435	08 33	01.27	+18 11	01.0	18.6	V	691
1999 AH ₁₁	1999 01	14.29725	08 14	58.30	+18 22	15.8	19.5	V	691	1999 AZ ₁₁	1999 01	07.34646	08 33	00.20	+18 11	08.2	18.3	V	691
1999 AJ ₁₁	* 1999 01	07.31736	08 22	55.64	+18 28	54.7	20.1	V	691	1999 AZ ₁₁	1999 01	07.36876	08 32	59.13	+18 11	15.2	18.1	V	691
1999 AJ ₁₁	1999 01	07.33946	08 22	54.19	+18 28	55.6	20.2	V	691	1999 AZ ₁₁	1999 01	14.32767	08 27	17.61	+18 50	00.7	18.5	V	691
1999 AJ ₁₁	1999 01	07.36176	08 22	52.73	+18 28	56.7	19.9	V	691	1999 AZ ₁₁	1999 01	14.35182	08 27	16.27	+18 50	09.2	18.1	V	691
1999 AJ ₁₁	1999 01	14.31931	08 15	13.51	+18 35	21.6	21.0	V	691	1999 AA ₁₂	1999 01	14.37396	08 27	15.04	+18 50	16.3	18.2	V	691
1999 AJ ₁₁	1999 01	14.34346	08 15	11.76	+18 35	23.8	19.9	V	691	1999 AA ₁₂	* 1999 01	07.32438	08 33	03.88	+18 00	13.3	20.4	V	691
1999 AJ ₁₁	1999 01	14.36559	08 15	10.26	+18 35	25.0	20.0	V	691	1999 AA ₁₂	1999 01	07.34649	08 33	02.92	+18 00	15.8	20.4	V	691
1999 AK ₁₁	* 1999 01	07.31748	08 23	06.05	+18 23	38.6	20.1	V	691	1999 AA ₁₂	1999 01	07.36879	08 33	01.85	+18 00	19.3	20.2	V	691
1999 AK ₁₁	1999 01	07.33959	08 23	04.93	+18 23	45.3	20.3	V	691	1999 AA ₁₂	1999 01	14.26142	08 27	35.20	+18 17	04.0	20.2	V	691
1999 AK ₁₁	1999 01	07.36189	08 23	03.79	+18 23	52.4	20.1	V	691	1999 AA ₁₂	1999 01	14.28363	08 27	34.08	+18 17	07.5	20.2	V	691
1999 AK ₁₁	1999 01	15.36467	08 16	03.18	+19 06	46.4	20.2	V	691	1999 AA ₁₂	1999 01	14.30596	08 27	32.92	+18 17	10.8	20.3	V	691
1999 AK ₁₁	1999 01	15.39597	08 16	01.42	+19 06	56.7	20.1	V	691	1999 AB ₁₂	* 1999 01	07.32442	08 33	07.60	+18 19	57.7	18.9	V	691
1999 AK ₁₁	1999 01	15.41805	08 16	00.15	+19 07	04.3	20.2	V	691	1999 AB ₁₂	1999 01	07.34653	08 33	06.28	+18 19	53.2	18.8	V	691
1999 AL ₁₁	* 1999 01	07.31805	08 23	55.77	+18 08	57.9	19.7	V	691	1999 AB ₁₂	1999 01	07.36883	08 33	04.94	+18 19	48.5	18.8	V	691
1999 AL ₁₁	1999 01	07.34016	08 23	54.45	+18 08	57.9	19.6	V	691	1999 AB ₁₂	1999 01	13.35296	08 26	59.87	+17 59	15.9	18.8	V	691
1999 AL ₁₁	1999 01																		

1999 AK ₁₂	1999 01	15.39164	08 09 46.84	+19 19 15.3	20.6 V	691	1999 AA ₁₃	1999 01	15.42112	08 20 26.14	+19 25 09.1	18.1 V	691
1999 AK ₁₂	1999 01	15.41372	08 09 45.35	+19 19 19.1	20.5 V	691	1999 AA ₁₃	1999 01	19.38409	08 17 09.20	+19 45 36.5	17.8 V	691
1999 AL ₁₂	* 1999 01	07.38865	08 18 34.86	+19 00 01.2	20.5 V	691	1999 AA ₁₃	1999 01	19.40789	08 17 07.97	+19 45 43.9	17.8 V	691
1999 AL ₁₂	1999 01	07.41077	08 18 33.40	+19 00 02.7	20.5 V	691	1999 AA ₁₃	1999 01	22.17065	08 14 48.35	+20 00 00.2	17.9 V	691
1999 AL ₁₂	1999 01	07.43300	08 18 31.97	+19 00 03.7	20.8 V	691	1999 AA ₁₃	1999 01	22.19288	08 14 47.19	+20 00 07.2	17.9 V	691
1999 AL ₁₂	1999 01	15.36037	08 09 50.31	+19 08 14.6	20.3 V	691	1999 AA ₁₃	1999 01	22.21518	08 14 46.01	+20 00 14.5	17.8 V	691
1999 AL ₁₂	1999 01	15.39166	08 09 48.12	+19 08 15.6	20.2 V	691	1999 AB ₁₃	* 1999 01	07.46299	08 36 07.11	+16 15 46.0	20.4 V	691
1999 AL ₁₂	1999 01	15.41374	08 09 46.56	+19 08 17.9	20.3 V	691	1999 AB ₁₃	1999 01	07.49311	08 36 05.48	+16 15 54.5	20.5 V	691
1999 AM ₁₂	* 1999 01	07.38959	08 19 56.13	+18 43 58.3	20.5 V	691	1999 AB ₁₃	1999 01	07.52323	08 36 03.91	+16 16 02.7	20.4 V	691
1999 AM ₁₂	1999 01	07.41171	08 19 55.00	+18 44 04.1	20.6 V	691	1999 AB ₁₃	1999 01	13.20033	08 30 51.25	+16 44 10.1	20.2 V	691
1999 AM ₁₂	1999 01	07.43395	08 19 53.87	+18 44 10.4	20.7 V	691	1999 AB ₁₃	1999 01	13.22211	08 30 49.94	+16 44 16.6	20.5 V	691
1999 AM ₁₂	1999 01	15.36256	08 13 00.17	+19 23 12.4	20.6 V	691	1999 AB ₁₃	1999 01	13.24434	08 30 48.62	+16 44 24.7	20.4 V	691
1999 AM ₁₂	1999 01	15.39385	08 12 58.39	+19 23 21.8	20.8 V	691	1999 AC ₁₃	* 1999 01	07.46305	08 36 12.36	+16 16 25.8	19.8 V	691
1999 AM ₁₂	1999 01	15.41594	08 12 57.15	+19 23 27.7	21.0 V	691	1999 AC ₁₃	1999 01	07.49317	08 36 10.86	+16 16 31.1	20.0 V	691
1999 AM ₁₂	1999 01	19.37867	08 09 19.32	+19 43 18.5	20.2 V	691	1999 AC ₁₃	1999 01	07.52329	08 36 09.43	+16 16 36.0	20.4 V	691
1999 AM ₁₂	1999 01	19.40246	08 09 17.98	+19 43 25.8	20.1 V	691	1999 AC ₁₃	1999 01	13.20074	08 31 26.29	+16 33 53.0	19.9 V	691
1999 AN ₁₂	* 1999 01	07.39088	08 21 47.69	+18 51 00.5	18.4 V	691	1999 AC ₁₃	1999 01	13.22252	08 31 25.09	+16 33 57.3	20.0 V	691
1999 AN ₁₂	1999 01	07.41300	08 21 46.45	+18 51 12.8	18.4 V	691	1999 AC ₁₃	1999 01	13.24475	08 31 23.90	+16 34 02.1	20.5 V	691
1999 AN ₁₂	1999 01	07.43523	08 21 45.20	+18 51 25.3	18.5 V	691	1999 AD ₁₃	* 1999 01	07.46389	08 37 25.18	+16 27 07.4	20.2 V	691
1999 AN ₁₂	1999 01	15.22322	08 14 22.69	+20 04 45.7	18.2 V	691	1999 AD ₁₃	1999 01	07.49401	08 37 23.58	+16 27 11.6	20.0 V	691
1999 AN ₁₂	1999 01	15.24550	08 14 21.34	+20 04 58.7	18.3 V	691	1999 AD ₁₃	1999 01	07.52413	08 37 22.03	+16 27 17.1	20.1 V	691
1999 AN ₁₂	1999 01	15.26964	08 14 19.87	+20 05 12.4	18.4 V	691	1999 AD ₁₃	1999 01	13.20137	08 32 21.23	+16 44 24.4	20.5 V	691
1999 AO ₁₂	* 1999 01	07.39106	08 22 03.84	+18 50 32.0	18.7 V	691	1999 AD ₁₃	1999 01	13.22315	08 32 19.96	+16 44 28.6	20.4 V	691
1999 AO ₁₂	1999 01	07.41319	08 22 02.81	+18 50 35.6	18.8 V	691	1999 AD ₁₃	1999 01	13.24538	08 32 18.73	+16 44 33.2	20.3 V	691
1999 AO ₁₂	1999 01	07.43542	08 22 01.79	+18 50 39.1	18.7 V	691	1999 AE ₁₃	* 1999 01	07.46749	08 42 37.11	+16 20 32.3	17.7 V	691
1999 AO ₁₂	1999 01	15.36446	08 15 44.54	+19 12 58.6	18.6 V	691	1999 AE ₁₃	1999 01	07.49762	08 42 35.55	+16 20 29.8	17.6 V	691
1999 AO ₁₂	1999 01	15.39575	08 15 42.93	+19 13 04.4	18.5 V	691	1999 AE ₁₃	1999 01	07.52773	08 42 34.00	+16 20 27.2	17.6 V	691
1999 AO ₁₂	1999 01	15.41784	08 15 41.79	+19 13 08.3	18.5 V	691	1999 AE ₁₃	1999 01	14.38433	08 36 24.15	+16 13 27.6	17.8 V	691
1999 AP ₁₂	* 1999 01	07.39247	08 24 05.76	+18 53 48.5	19.6 V	691	1999 AE ₁₃	1999 01	14.40603	08 36 22.84	+16 13 26.3	17.7 V	691
1999 AP ₁₂	1999 01	07.41459	08 24 04.51	+18 53 51.8	19.5 V	691	1999 AE ₁₃	1999 01	14.43675	08 36 20.99	+16 13 24.3	17.7 V	691
1999 AP ₁₂	1999 01	07.43683	08 24 03.26	+18 53 55.2	19.4 V	691	1999 AF ₁₃	* 1999 01	07.46793	08 43 15.81	+16 13 34.0	19.8 V	691
1999 AP ₁₂	1999 01	15.36484	08 16 17.70	+19 15 55.5	19.3 V	691	1999 AF ₁₃	1999 01	07.49807	08 43 14.60	+16 13 35.2	20.1 V	691
1999 AP ₁₂	1999 01	15.39613	08 16 15.67	+19 16 01.2	19.6 V	691	1999 AF ₁₃	1999 01	07.52819	08 43 13.40	+16 13 37.0	20.4 V	691
1999 AP ₁₂	1999 01	15.41821	08 16 14.24	+19 16 04.8	19.9 V	691	1999 AF ₁₃	1999 01	14.38568	08 38 21.19	+16 22 08.3	20.4 V	691
1999 AQ ₁₂	* 1999 01	07.39281	08 24 35.19	+18 53 31.9	19.8 V	691	1999 AF ₁₃	1999 01	14.40739	08 38 20.11	+16 22 10.0	20.1 V	691
1999 AQ ₁₂	1999 01	07.41493	08 24 34.13	+18 53 36.3	19.8 V	691	1999 AF ₁₃	1999 01	14.43811	08 38 18.65	+16 22 12.5	19.6 V	691
1999 AQ ₁₂	1999 01	07.43717	08 24 33.09	+18 53 40.9	19.7 V	691	1999 AG ₁₃	* 1999 01	07.47144	08 48 19.63	+16 00 17.7	19.4 V	691
1999 AQ ₁₂	1999 01	15.36608	08 18 05.35	+19 21 14.4	19.9 V	691	1999 AG ₁₃	1999 01	07.50157	08 48 17.89	+16 00 20.9	19.6 V	691
1999 AQ ₁₂	1999 01	15.39738	08 18 03.70	+19 21 21.2	19.8 V	691	1999 AG ₁₃	1999 01	07.53168	08 48 16.13	+16 00 24.7	19.6 V	691
1999 AQ ₁₂	1999 01	15.41946	08 18 02.50	+19 21 25.9	19.6 V	691	1999 AG ₁₃	1999 01	14.38777	08 41 22.65	+16 15 48.9	19.6 V	691
1999 AR ₁₂	* 1999 01	07.39381	08 26 01.60	+18 54 04.5	20.8 V	691	1999 AG ₁₃	1999 01	14.40948	08 41 21.23	+16 15 51.9	19.4 V	691
1999 AR ₁₂	1999 01	07.41593	08 26 00.51	+18 54 09.4	20.6 V	691	1999 AG ₁₃	1999 01	14.44019	08 41 19.22	+16 15 55.9	19.3 V	691
1999 AR ₁₂	1999 01	07.43817	08 25 59.38	+18 54 13.2	20.6 V	691	1999 AH ₁₃	* 1999 01	07.47324	08 50 55.57	+16 06 43.2	19.6 V	691
1999 AR ₁₂	1999 01	15.36689	08 19 15.66	+19 19 51.8	20.2 V	691	1999 AH ₁₃	1999 01	07.50337	08 50 54.36	+16 06 48.5	19.6 V	691
1999 AR ₁₂	1999 01	15.42027	08 19 12.70	+19 20 01.6	20.3 V	691	1999 AH ₁₃	1999 01	07.53350	08 50 53.17	+16 06 53.9	19.5 V	691
1999 AS ₁₂	* 1999 01	07.39473	08 27 21.14	+18 38 33.6	20.5 V	691	1999 AH ₁₃	1999 01	14.39108	08 46 08.89	+16 29 13.5	19.6 V	691
1999 AS ₁₂	1999 01	07.41685	08 27 19.91	+18 38 40.3	20.5 V	691	1999 AH ₁₃	1999 01	14.41279	08 46 07.90	+16 29 18.0	19.7 V	691
1999 AS ₁₂	1999 01	07.43908	08 27 18.55	+18 38 47.6	20.1 V	691	1999 AH ₁₃	1999 01	14.44351	08 46 06.48	+16 29 24.3	19.5 V	691
1999 AS ₁₂	1999 01	15.36702	08 19 26.08	+19 22 05.7	20.4 V	691	1999 AH ₁₃	1999 01	17.32380	08 43 55.32	+16 39 36.3	19.8 V	691
1999 AS ₁₂	1999 01	15.39831	08 19 24.02	+19 22 16.2	20.4 V	691	1999 AH ₁₃	1999 01	17.34570	08 43 54.28	+16 39 41.0	19.4 V	691
1999 AS ₁₂	1999 01	15.42039	08 19 22.57	+19 22 23.5	20.2 V	691	1999 AJ ₁₃	* 1999 01	07.47654	08 55 41.31	+16 02 14.7	19.6 V	691
1999 AS ₁₂	1999 01	19.38272	08 15 10.43	+19 44 24.7	20.0 V	691	1999 AJ ₁₃	1999 01	07.50667	08 55 39.67	+16 02 20.7	19.8 V	691
1999 AS ₁₂	1999 01	19.40651	08 15 08.86	+19 44 32.3	20.1 V	691	1999 AJ ₁₃	1999 01	07.53678	08 55 38.08	+16 02 26.4	19.6 V	691
1999 AS ₁₂	1999 01	22.16885	08 12 12.55	+19 59 38.9	20.3 V	691	1999 AJ ₁₃	1999 01	14.39322	08 49 14.23	+16 28 10.2	20.2 V	691
1999 AS ₁₂	1999 01	22.19108	08 12 11.08	+19 59 46.1	19.6 V	691	1999 AJ ₁₃	1999 01	14.41492	08 49 12.90	+16 28 14.8	20.1 V	691
1999 AS ₁₂	1999 01	22.21338	08 12 09.56	+19 59 53.7	19.9 V	691	1999 AJ ₁₃	1999 01	14.44564	08 49 11.02	+16 28 22.2	19.7 V	691
1999 AT ₁₂	* 1999 01	07.39544	08 28 22.75	+18 37 03.9	19.5 V	691	1999 AK ₁₃	* 1999 01	07.47705	08 56 25.21	+16 11 38.2	20.7 V	691
1999 AT ₁₂	1999 01	07.41756	08 28 21.50	+18 37 08.6	19.6 V	691	1999 AK ₁₃	1999 01	07.53730	08 56 22.30	+16 11 40.1	20.7 V	691
1999 AT ₁₂	1999 01	07.43979	08 28 20.22	+18 37 13.6	19.5 V	691	1999 AK ₁₃	1999 01	14.39407	08 50 28.20	+16 20 06.7	20.7 V	691
1999 AT ₁₂	1999 01	15.39910	08 20 33.04	+19 06 25.8	19.9 V	691	1999 AK ₁₃	1999 01	14.41578	08 50 26.85	+16 20 08.2	20.5 V	691
1999 AT ₁₂	1999 01	15.42118	08 20 31.64	+19 06 30.9	19.9 V	691	1999 AK ₁₃	1999 01	14.44650	08 50 25.03	+16 20 10.6	20.6 V	691
1999 AU ₁₂	* 1999 01	07.39577	08 28 51.93	+18 34 48.3	20.8 V	691	1999 AL ₁₃	* 1999 01	07.48194	09 03 29.01	+16 10 23.2	17.9 V	691
1999 AU ₁₂	1999 01	07.41790	08 28 50.97	+18 34 58.6	21.2 V	691	1999 AL ₁₃	1999 01	07.51207	09 03 27.54	+16 10 22.1	17.9 V	691
1999 AU ₁₂	1999 01	07.44014	08 28 50.01	+18 35 07.7	20.5 V	691	1999 AL ₁₃	1999 01	07.54219	09 03 26.09	+16 10 20.9	18.0 V	691
1999 AU ₁₂	1999 01	15.36914	08 22 30.41	+19 30 47.4	20.8 V	691	1999 AL ₁₃	1999 01	14.36294	08 57 30.81	+16 09 10.2	18.1 R	699
1999 AU ₁₂	1999 01	15.40044	08 22 28.80	+19 31 00.7	21.2 V	691	1999 AL ₁₃						

1999 AR ₁₃	1999 01	15.31245	08 07 37.00	+20 53 24.4	18.0 V	691	1999 AH ₁₄	* 1999 01	08.20285	08 30 50.47	+20 15 42.2	21.1 V	691
1999 AR ₁₃	1999 01	15.33476	08 07 35.71	+20 53 34.6	18.0 V	691	1999 AH ₁₄	1999 01	08.22503	08 30 49.08	+20 15 46.7	21.1 V	691
1999 AS ₁₃	* 1999 01	08.19133	08 14 12.30	+20 04 49.1	20.5 V	691	1999 AH ₁₄	1999 01	08.24737	08 30 47.64	+20 15 52.4	21.1 V	691
1999 AS ₁₃	1999 01	08.21351	08 14 11.01	+20 04 52.9	20.5 V	691	1999 AH ₁₄	1999 01	15.30091	08 23 05.15	+20 41 46.7	21.4 V	691
1999 AS ₁₃	1999 01	08.23585	08 14 09.72	+20 04 56.8	20.6 V	691	1999 AH ₁₄	1999 01	15.32314	08 23 03.58	+20 41 51.3	21.1 V	691
1999 AS ₁₃	1999 01	15.21832	08 07 18.80	+20 23 43.7	20.6 V	691	1999 AH ₁₄	1999 01	15.34545	08 23 02.01	+20 41 56.9	20.9 V	691
1999 AS ₁₃	1999 01	15.24061	08 07 17.39	+20 23 47.5	20.7 V	691	1999 AJ ₁₄	* 1999 01	08.20332	08 31 30.70	+20 06 39.8	20.4 V	691
1999 AS ₁₃	1999 01	15.26474	08 07 15.90	+20 23 52.0	20.5 V	691	1999 AJ ₁₄	1999 01	08.22550	08 31 29.60	+20 06 47.7	20.2 V	691
1999 AT ₁₃	* 1999 01	08.19212	08 15 20.56	+20 17 10.7	19.3 V	691	1999 AJ ₁₄	1999 01	08.24784	08 31 28.48	+20 06 55.1	20.9 V	691
1999 AT ₁₃	1999 01	08.21430	08 15 19.53	+20 17 18.0	19.3 V	691	1999 AJ ₁₄	1999 01	15.30250	08 25 22.65	+20 46 01.8	20.5 V	691
1999 AT ₁₃	1999 01	08.23664	08 15 18.47	+20 17 25.2	19.3 V	691	1999 AJ ₁₄	1999 01	15.32474	08 25 21.42	+20 46 09.4	20.1 V	691
1999 AT ₁₃	1999 01	15.29163	08 09 41.56	+20 55 34.3	19.2 V	691	1999 AJ ₁₄	1999 01	15.34704	08 25 20.16	+20 46 17.1	20.5 V	691
1999 AT ₁₃	1999 01	15.31387	08 09 40.44	+20 55 41.1	19.2 V	691	1999 AK ₁₄	* 1999 01	08.20406	08 32 34.98	+20 13 34.1	18.5 V	691
1999 AT ₁₃	1999 01	15.33618	08 09 39.32	+20 55 48.5	19.1 V	691	1999 AK ₁₄	1999 01	08.22624	08 32 33.83	+20 13 40.7	18.4 V	691
1999 AT ₁₃	1999 01	19.18690	08 06 28.72	+21 16 31.1	18.9 V	691	1999 AK ₁₄	1999 01	08.24858	08 32 32.67	+20 13 47.2	18.4 V	691
1999 AT ₁₃	1999 01	19.20929	08 06 27.51	+21 16 37.5	18.5 V	691	1999 AK ₁₄	1999 01	15.30302	08 26 08.23	+20 48 12.3	18.3 V	691
1999 AT ₁₃	1999 01	19.23124	08 06 26.47	+21 16 45.4	18.9 V	691	1999 AK ₁₄	1999 01	15.32526	08 26 06.86	+20 48 19.6	18.1 V	691
1999 AT ₁₃	1999 01	20.05602	08 05 45.22	+21 21 08.8	18.0 R	046	1999 AK ₁₄	1999 01	15.34757	08 26 05.51	+20 47 25.7	18.3 V	691
1999 AT ₁₃	1999 01	20.05870	08 05 45.05	+21 21 09.8		046	1999 AK ₁₄	1999 01	19.19785	08 22 17.16	+21 07 25.0	18.0 V	691
1999 AT ₁₃	1999 01	20.06084	08 05 44.96	+21 21 10.3		046	1999 AK ₁₄	1999 01	19.22024	08 22 15.77	+21 07 31.9	18.0 V	691
1999 AT ₁₃	1999 01	20.06294	08 05 44.87	+21 21 10.8		046	1999 AK ₁₄	1999 01	19.24218	08 22 14.40	+21 07 38.6	18.1 V	691
1999 AT ₁₃	1999 01	21.00405	08 04 58.07	+21 26 10.4	17.9 R	046	1999 AL ₁₄	* 1999 01	08.21878	08 21 47.33	+20 01 03.1	20.5 V	691
1999 AT ₁₃	1999 01	21.00664	08 04 57.91	+21 26 11.4		046	1999 AL ₁₄	1999 01	08.24112	08 21 45.97	+20 01 09.3	20.6 V	691
1999 AT ₁₃	1999 01	21.00846	08 04 57.82	+21 26 12.0		046	1999 AL ₁₄	1999 01	15.29485	08 14 20.04	+20 34 54.8	20.5 V	691
1999 AT ₁₃	1999 01	21.01047	08 04 57.72	+21 26 12.1		046	1999 AL ₁₄	1999 01	15.31708	08 14 18.50	+20 35 01.2	20.4 V	691
1999 AU ₁₃	* 1999 01	08.19280	08 16 19.37	+20 06 35.7	20.1 V	691	1999 AL ₁₄	1999 01	15.33939	08 14 17.01	+20 35 07.4	20.6 V	691
1999 AU ₁₃	1999 01	08.21498	08 16 18.14	+20 06 39.3	20.4 V	691	1999 AM ₁₄	* 1999 01	08.22031	08 24 00.55	+20 14 22.0	18.2 V	691
1999 AU ₁₃	1999 01	08.23732	08 16 16.83	+20 06 43.2	20.5 V	691	1999 AM ₁₄	1999 01	08.24266	08 23 59.27	+20 14 26.1	18.4 V	691
1999 AU ₁₃	1999 01	15.21981	08 09 27.90	+20 25 08.1	19.6 V	691	1999 AM ₁₄	1999 01	15.29689	08 17 17.15	+20 33 58.8	18.2 V	691
1999 AU ₁₃	1999 01	15.24210	08 09 26.54	+20 25 12.9	20.1 V	691	1999 AM ₁₄	1999 01	15.31913	08 17 15.79	+20 34 02.7	18.3 V	691
1999 AU ₁₃	1999 01	15.26623	08 09 25.02	+20 25 16.9	20.2 V	691	1999 AM ₁₄	1999 01	15.34144	08 17 14.42	+20 34 06.1	18.3 V	691
1999 AV ₁₃	* 1999 01	08.19316	08 16 51.15	+20 09 35.0	20.0 V	691	1999 AN ₁₄	* 1999 01	08.22125	08 25 21.51	+20 12 45.9	21.3 V	691
1999 AV ₁₃	1999 01	08.21534	08 16 49.95	+20 09 35.5	20.2 V	691	1999 AN ₁₄	1999 01	08.24359	08 25 20.17	+20 12 50.5	21.3 V	691
1999 AV ₁₃	1999 01	08.23769	08 16 48.73	+20 09 35.9	20.1 V	691	1999 AN ₁₄	1999 01	15.29754	08 18 13.40	+20 36 04.8	21.4 V	691
1999 AV ₁₃	1999 01	15.22041	08 10 19.87	+20 11 25.6	19.8 V	691	1999 AN ₁₄	1999 01	15.31978	08 18 11.93	+20 36 09.8	21.0 V	691
1999 AV ₁₃	1999 01	15.24270	08 10 18.57	+20 11 26.5	20.1 V	691	1999 AN ₁₄	1999 01	15.34208	08 18 10.50	+20 36 14.3	21.2 V	691
1999 AV ₁₃	1999 01	15.26684	08 10 17.15	+20 11 26.9	19.9 V	691	1999 AO ₁₄	* 1999 01	08.22365	08 28 49.43	+20 05 31.5	20.7 V	691
1999 AW ₁₃	* 1999 01	08.19319	08 16 53.19	+20 16 32.2	21.4 V	691	1999 AO ₁₄	1999 01	08.24599	08 28 48.24	+20 05 39.3	20.9 V	691
1999 AW ₁₃	1999 01	08.21537	08 16 52.01	+20 16 39.4	21.0 V	691	1999 AO ₁₄	1999 01	15.30038	08 22 19.09	+20 47 32.3	21.0 V	691
1999 AW ₁₃	1999 01	08.23771	08 16 50.88	+20 16 45.2	21.3 V	691	1999 AO ₁₄	1999 01	15.32261	08 22 17.70	+20 47 41.2	20.8 V	691
1999 AW ₁₃	1999 01	15.31447	08 10 31.80	+20 50 33.0	20.7 V	691	1999 AO ₁₄	1999 01	15.34492	08 22 16.35	+20 47 48.9	21.0 V	691
1999 AW ₁₃	1999 01	15.33677	08 10 30.52	+20 50 39.1	20.7 V	691	1999 AO ₁₄	1999 01	19.19518	08 18 25.65	+21 11 06.4	20.3 V	691
1999 AW ₁₃	1999 01	19.18719	08 06 54.02	+21 09 05.3	20.4 V	691	1999 AO ₁₄	1999 01	19.21756	08 18 24.26	+21 11 14.7	20.6 V	691
1999 AW ₁₃	1999 01	19.20958	08 06 52.69	+21 09 12.3	20.3 V	691	1999 AO ₁₄	1999 01	19.23951	08 18 22.88	+21 11 22.9	20.8 V	691
1999 AW ₁₃	1999 01	19.23153	08 06 51.40	+21 09 18.3	20.5 V	691	1999 AO ₁₄	1999 01	23.30441	08 14 11.77	+21 35 43.3	21.0 V	691
1999 AX ₁₃	* 1999 01	08.19490	08 19 21.27	+20 22 16.2	20.8 V	691	1999 AO ₁₄	1999 01	23.32676	08 14 10.32	+21 35 50.9	20.7 V	691
1999 AX ₁₃	1999 01	08.21708	08 19 20.31	+20 22 24.0	20.3 V	691	1999 AO ₁₄	1999 01	23.34967	08 14 08.67	+21 36 01.3	19.9 V	691
1999 AX ₁₃	1999 01	08.23942	08 19 19.23	+20 22 30.6	20.6 V	691	1999 AP ₁₄	* 1999 01	08.25901	08 13 32.38	+19 08 28.0	21.3 V	691
1999 AX ₁₃	1999 01	15.29446	08 13 46.80	+21 00 26.3	20.7 V	691	1999 AP ₁₄	1999 01	08.30367	08 13 29.83	+19 08 33.6	21.1 V	691
1999 AX ₁₃	1999 01	15.31670	08 13 45.69	+21 00 33.7	20.6 V	691	1999 AP ₁₄	1999 01	15.38950	08 06 40.99	+19 24 10.0	21.7 V	691
1999 AX ₁₃	1999 01	15.33901	08 13 44.56	+21 00 40.4	20.6 V	691	1999 AP ₁₄	1999 01	15.41158	08 06 39.70	+19 24 13.2	21.7 V	691
1999 AY ₁₃	* 1999 01	08.19531	08 19 57.13	+20 20 26.1	18.6 V	691	1999 AQ ₁₄	* 1999 01	08.26160	08 17 16.55	+19 24 22.1	19.9 V	691
1999 AY ₁₃	1999 01	08.21749	08 19 55.62	+20 20 29.7	18.6 V	691	1999 AQ ₁₄	1999 01	08.28390	08 17 15.18	+19 24 28.6	19.7 V	691
1999 AY ₁₃	1999 01	08.23983	08 19 54.10	+20 20 32.8	18.5 V	691	1999 AQ ₁₄	1999 01	08.30625	08 17 13.77	+19 24 35.5	19.2 V	691
1999 AY ₁₃	1999 01	15.29304	08 11 43.22	+20 37 31.7	18.4 V	691	1999 AQ ₁₄	1999 01	15.22017	08 09 58.68	+19 58 44.5	19.5 V	691
1999 AY ₁₃	1999 01	15.31527	08 11 41.58	+20 37 34.9	18.4 V	691	1999 AQ ₁₄	1999 01	15.24245	08 09 57.20	+19 58 51.4	19.3 V	691
1999 AY ₁₃	1999 01	15.33758	08 11 39.91	+20 37 38.0	18.3 V	691	1999 AQ ₁₄	1999 01	15.26659	08 09 55.62	+19 58 58.4	19.1 V	691
1999 AZ ₁₃	* 1999 01	08.19723	08 22 43.34	+20 22 59.8	19.6 V	691	1999 AR ₁₄	* 1999 01	08.26252	08 18 36.70	+19 19 29.8	20.5 V	691
1999 AZ ₁₃	1999 01	08.21941	08 22 42.10	+20 23 04.7	19.6 V	691	1999 AR ₁₄	1999 01	08.28482	08 18 35.33	+19 19 38.8	20.5 V	691
1999 AZ ₁₃	1999 01	08.24175	08 22 40.83	+20 23 09.7	19.5 V	691	1999 AR ₁₄	1999 01	08.30718	08 18 33.93	+19 19 47.4	20.2 V	691
1999 AZ ₁₃	1999 01	15.29591	08 15 52.19	+20 49 11.6	19.5 V	691	1999 AR ₁₄	1999 01	15.22102	08 11 12.46	+20 03 59.9	19.4 V	691
1999 AZ ₁₃	1999 01	15.31815	08 15 50.77	+20 49 16.5	19.2 V	691	1999 AR ₁₄	1999 01	15.24331	08 11 10.97	+20 04 08.2	19.8 V	691
1999 AZ ₁₃	1999 01	19.19065	08 11 53.69	+21 03 29.6	19.1 V	691	1999 AR ₁₄	1999 01	15.26744	08 11 09.29	+20 04 17.4	20.0 V	691
1999 AZ ₁₃	1999 01	19.21304	08 11 52.27	+21 03 34.6	19.0 V	691	1999 AS ₁₄	* 1999 01	08.26519	08 22 28.11	+19 13 40.1	20.2 V	691
1999 AZ ₁₃	1999 01	19.23498	08 11 50.87	+21 03 39.4	19.2 V	691	1999 AS ₁₄	1999 01	08.28749	08 22 26.95	+19 13 50.5	20.0 V	691
1999 AA ₁₄	* 1999 01	08.19753	08 23 09.30	+20 10 12.7	20.4 V	691	1999 AS ₁₄	1999 01	08.30985	08 2			

1999 AY ₁₄	1999 01	15.27574	08 23 08.69	+20 20 43.8	20.2 V	691	1999 AQ ₁₅	1999 01	15.32048	08 19 13.12	+20 35 52.9	17.5 V	691
1999 AZ ₁₄	* 1999 01	08.27239	08 32 51.62	+19 23 40.5	21.5 V	691	1999 AQ ₁₅	1999 01	15.34279	08 19 11.55	+20 35 53.2	17.5 V	691
1999 AZ ₁₄	1999 01	08.29469	08 32 50.36	+19 23 40.6	21.3 V	691	1999 AR ₁₅	* 1999 01	09.23515	08 27 21.26	+20 41 58.6	19.3 V	691
1999 AZ ₁₄	1999 01	08.31705	08 32 49.11	+19 23 40.6	21.2 V	691	1999 AR ₁₅	1999 01	09.27583	08 27 18.66	+20 42 05.2	19.5 V	691
1999 AZ ₁₄	1999 01	15.37161	08 26 04.15	+19 25 36.5	21.2 V	691	1999 AR ₁₅	1999 01	09.30524	08 27 16.77	+20 42 10.8	19.0 V	691
1999 AZ ₁₄	1999 01	15.40290	08 26 02.19	+19 25 37.3	21.5 V	691	1999 AR ₁₅	1999 01	15.29936	08 20 50.72	+20 58 59.9	19.1 V	691
1999 AZ ₁₄	1999 01	15.42498	08 26 00.81	+19 25 37.1	21.5 V	691	1999 AR ₁₅	1999 01	15.32159	08 20 49.18	+20 59 03.9	18.9 V	691
1999 AA ₁₅	* 1999 01	08.32207	08 36 26.10	+16 52 52.6	19.4 V	691	1999 AR ₁₅	1999 01	15.34390	08 20 47.66	+20 59 07.6	18.9 V	691
1999 AA ₁₅	1999 01	08.34403	08 36 24.97	+16 53 00.5	19.3 V	691	1999 AR ₁₅	1999 01	19.19382	08 16 27.98	+21 09 41.3	18.7 V	691
1999 AA ₁₅	1999 01	08.36595	08 36 23.85	+16 53 07.8	19.4 V	691	1999 AR ₁₅	1999 01	19.21620	08 16 26.43	+21 09 45.0	18.8 V	691
1999 AA ₁₅	1999 01	13.28405	08 32 08.97	+17 21 54.9	19.8 V	691	1999 AR ₁₅	1999 01	19.23815	08 16 24.89	+21 09 48.6	18.8 V	691
1999 AA ₁₅	1999 01	13.30602	08 32 07.71	+17 22 03.0	19.6 V	691	1999 AR ₁₅	1999 01	23.23449	08 11 51.27	+21 20 15.4	18.6 V	691
1999 AA ₁₅	1999 01	13.33301	08 32 06.21	+17 22 12.6	19.7 V	691	1999 AR ₁₅	1999 01	23.25707	08 11 49.69	+21 20 19.2	18.8 V	691
1999 AB ₁₅	* 1999 01	08.32256	08 37 08.98	+16 50 38.3	19.8 V	691	1999 AR ₁₅	1999 01	23.27954	08 11 48.10	+21 20 22.8	18.7 V	691
1999 AB ₁₅	1999 01	08.34452	08 37 07.80	+16 50 42.9	19.9 V	691	1999 AS ₁₅	* 1999 01	09.23544	08 27 47.11	+20 39 38.0	20.5 V	691
1999 AB ₁₅	1999 01	08.36644	08 37 06.64	+16 50 47.2	19.8 V	691	1999 AS ₁₅	1999 01	09.27612	08 27 44.52	+20 39 43.7	21.1 V	691
1999 AB ₁₅	1999 01	13.28430	08 32 31.42	+17 05 29.3	18.5 V	691	1999 AS ₁₅	1999 01	09.30553	08 27 42.71	+20 39 48.2	20.6 V	691
1999 AB ₁₅	1999 01	13.30628	08 32 30.05	+17 05 33.0	18.5 V	691	1999 AS ₁₅	1999 01	15.29979	08 21 27.85	+20 52 26.5	21.3 V	691
1999 AB ₁₅	1999 01	13.33327	08 32 28.38	+17 05 37.2	18.4 V	691	1999 AS ₁₅	1999 01	15.32202	08 21 26.30	+20 52 29.7	21.4 V	691
1999 AC ₁₅	* 1999 01	08.33675	08 57 37.43	+16 42 49.2	18.8 V	691	1999 AS ₁₅	1999 01	15.34433	08 21 24.74	+20 52 32.7	21.3 V	691
1999 AC ₁₅	1999 01	08.35870	08 57 36.29	+16 42 42.2	19.0 V	691	1999 AT ₁₅	* 1999 01	09.23691	08 29 53.91	+20 48 59.1	19.4 V	691
1999 AC ₁₅	1999 01	08.38063	08 57 35.17	+16 42 35.4	18.9 V	691	1999 AT ₁₅	1999 01	09.27759	08 29 51.39	+20 49 03.5	19.6 V	691
1999 AC ₁₅	1999 01	14.39524	08 52 09.60	+16 12 04.7	19.1 V	691	1999 AT ₁₅	1999 01	09.30700	08 29 49.52	+20 49 06.1	19.3 V	691
1999 AC ₁₅	1999 01	14.41695	08 52 08.25	+16 11 57.9	18.9 V	691	1999 AT ₁₅	1999 01	15.30110	08 23 22.00	+20 58 56.5	19.1 V	691
1999 AD ₁₅	* 1999 01	08.39374	08 35 25.03	+17 27 54.0	20.7 V	691	1999 AT ₁₅	1999 01	15.32334	08 23 20.49	+20 58 58.7	19.1 V	691
1999 AD ₁₅	1999 01	08.41565	08 35 23.78	+17 27 56.4	20.5 V	691	1999 AT ₁₅	1999 01	15.34564	08 23 18.94	+20 59 00.9	19.1 V	691
1999 AD ₁₅	1999 01	08.43777	08 35 22.51	+17 27 58.7	20.5 V	691	1999 AT ₁₅	1999 01	19.19554	08 18 56.90	+21 05 03.5	18.7 V	691
1999 AD ₁₅	1999 01	13.35547	08 30 37.53	+17 38 16.3	20.6 V	691	1999 AT ₁₅	1999 01	19.21793	08 18 55.49	+21 05 07.2	17.9 V	691
1999 AD ₁₅	1999 01	13.37751	08 30 36.20	+17 38 19.1	20.6 V	691	1999 AT ₁₅	1999 01	19.23987	08 18 53.80	+21 05 07.7	18.7 V	691
1999 AD ₁₅	1999 01	13.39957	08 30 34.78	+17 38 22.0	20.3 V	691	1999 AU ₁₅	* 1999 01	09.23864	08 32 23.86	+21 00 05.7	20.7 V	691
1999 AE ₁₅	* 1999 01	08.39405	08 35 51.58	+17 03 23.4	18.9 V	691	1999 AU ₁₅	1999 01	09.27932	08 32 21.41	+21 00 05.7	21.3 V	691
1999 AE ₁₅	1999 01	08.41596	08 35 50.30	+17 03 28.3	18.8 V	691	1999 AU ₁₅	1999 01	09.30873	08 32 19.66	+21 00 04.9	21.5 V	691
1999 AE ₁₅	1999 01	08.43808	08 35 49.00	+17 03 33.0	18.7 V	691	1999 AU ₁₅	1999 01	15.30298	08 26 04.95	+20 56 29.8	20.5 V	691
1999 AE ₁₅	1999 01	13.28326	08 31 01.19	+17 22 16.4	19.0 V	691	1999 AU ₁₅	1999 01	15.32522	08 26 03.46	+20 56 29.1	20.7 V	691
1999 AE ₁₅	1999 01	13.30524	08 30 59.78	+17 22 21.4	18.9 V	691	1999 AV ₁₅	1999 01	15.34753	08 26 01.97	+20 56 28.5	20.6 V	691
1999 AE ₁₅	1999 01	13.33222	08 30 58.06	+17 22 28.0	19.0 V	691	1999 AV ₁₅	* 1999 01	09.34453	08 14 17.43	+19 58 13.7	19.9 V	691
1999 AF ₁₅	* 1999 01	08.39437	08 36 19.63	+17 14 13.7	20.0 V	691	1999 AV ₁₅	1999 01	09.36940	08 14 16.08	+19 58 28.2	20.0 V	691
1999 AF ₁₅	1999 01	08.41629	08 36 18.59	+17 14 21.0	20.1 V	691	1999 AV ₁₅	1999 01	09.39164	08 14 14.84	+19 58 42.6	19.7 V	691
1999 AF ₁₅	1999 01	08.43841	08 36 17.53	+17 14 28.1	20.0 V	691	1999 AV ₁₅	1999 01	15.29105	08 08 51.46	+20 59 22.0	19.7 V	691
1999 AF ₁₅	1999 01	13.35666	08 32 19.86	+17 42 06.5	20.2 V	691	1999 AV ₁₅	1999 01	15.31329	08 08 50.14	+20 59 35.4	19.6 V	691
1999 AF ₁₅	1999 01	13.37869	08 32 18.82	+17 42 14.7	19.9 V	691	1999 AV ₁₅	1999 01	15.33560	08 08 48.85	+20 59 49.2	19.8 V	691
1999 AF ₁₅	1999 01	13.40075	08 32 17.66	+17 42 22.0	19.8 V	691	1999 AV ₁₅	1999 01	19.30597	08 04 59.80	+21 40 51.7	19.2 V	691
1999 AG ₁₅	* 1999 01	08.39450	08 36 31.01	+17 09 52.8	20.3 V	691	1999 AV ₁₅	1999 01	19.32884	08 04 58.41	+21 41 05.5	19.3 V	691
1999 AG ₁₅	1999 01	08.41642	08 36 29.89	+17 09 55.1	20.6 V	691	1999 AV ₁₅	1999 01	19.35237	08 04 56.99	+21 41 19.8	19.4 V	691
1999 AG ₁₅	1999 01	08.43854	08 36 28.75	+17 09 57.4	20.1 V	691	1999 AV ₁₅	1999 01	23.38921	08 01 01.26	+22 22 30.6	19.8 V	691
1999 AG ₁₅	1999 01	13.28415	08 32 18.26	+17 19 04.8	20.7 V	691	1999 AV ₁₅	1999 01	23.39531	08 01 00.92	+22 22 34.5	19.8 V	691
1999 AG ₁₅	1999 01	13.30613	08 32 17.08	+17 19 08.1	20.3 V	691	1999 AW ₁₅	1999 01	23.40182	08 01 00.51	+22 22 38.3	19.7 V	691
1999 AG ₁₅	1999 01	13.33312	08 32 15.55	+17 19 10.5	20.5 V	691	1999 AW ₁₅	* 1999 01	09.34571	08 15 59.30	+19 37 54.5	20.3 V	691
1999 AH ₁₅	* 1999 01	09.08841	01 38 12.57	+10 00 46.7	20.5 V	691	1999 AW ₁₅	1999 01	09.37058	08 15 57.98	+19 38 01.1	20.1 V	691
1999 AH ₁₅	1999 01	09.11002	01 38 13.29	+10 00 45.2	20.2 V	691	1999 AW ₁₅	1999 01	09.39281	08 15 56.81	+19 38 06.8	19.9 V	691
1999 AH ₁₅	1999 01	09.13137	01 38 13.93	+10 00 42.9	20.4 V	691	1999 AW ₁₅	1999 01	15.22072	08 10 46.20	+20 04 45.0	19.6 V	691
1999 AH ₁₅	1999 01	15.16091	01 41 52.02	+09 56 38.6	20.3 V	691	1999 AW ₁₅	1999 01	15.24301	08 10 44.95	+20 04 51.0	19.9 V	691
1999 AH ₁₅	1999 01	15.18211	01 41 52.81	+09 56 38.1	20.4 V	691	1999 AW ₁₅	1999 01	15.26714	08 10 43.58	+20 04 57.6	19.9 V	691
1999 AH ₁₅	1999 01	15.20313	01 41 53.65	+09 56 38.3	20.3 V	691	1999 AX ₁₅	* 1999 01	09.34650	08 17 07.88	+19 41 06.1	18.8 V	691
1999 AJ ₁₅	* 1999 01	09.22616	08 14 22.57	+20 46 12.1	20.8 V	691	1999 AX ₁₅	1999 01	09.37137	08 17 06.64	+19 41 10.8	18.7 V	691
1999 AJ ₁₅	1999 01	09.26684	08 14 19.99	+20 46 17.5	20.4 V	691	1999 AX ₁₅	1999 01	09.39361	08 17 05.52	+19 41 14.8	18.8 V	691
1999 AJ ₁₅	1999 01	09.29625	08 14 18.07	+20 46 20.9	20.8 V	691	1999 AX ₁₅	1999 01	15.22171	08 12 12.03	+19 59 36.1	18.7 V	691
1999 AJ ₁₅	1999 01	15.29032	08 07 48.07	+20 58 05.3	20.2 V	691	1999 AX ₁₅	1999 01	15.24400	08 12 10.86	+19 59 40.9	18.6 V	691
1999 AJ ₁₅	1999 01	15.31256	08 07 46.50	+20 58 07.6	20.2 V	691	1999 AX ₁₅	1999 01	15.26813	08 12 09.57	+19 59 45.0	18.6 V	691
1999 AJ ₁₅	1999 01	15.33486	08 07 44.96	+20 58 10.4	20.0 V	691	1999 AX ₁₅	1999 01	16.37383	08 11 12.37	+20 03 15.5	18.8 V	691
1999 AK ₁₅	* 1999 01	09.22811	08 17 11.82	+20 42 14.8	19.8 V	691	1999 AX ₁₅	1999 01	16.39747	08 11 11.11	+20 03 19.4	18.6 V	691
1999 AK ₁₅	1999 01	09.26880	08 17 09.72	+20 42 19.7	20.0 V	691	1999 AX ₁₅	1999 01	16.42092	08 11 09.87	+20 03 24.1	18.6 V	691
1999 AK ₁₅	1999 01	09.29821	08 17 08.18	+20 42 23.6	19.9 V	691	1999 AX ₁₅	1999 01	22.16467	08 06 10.15	+20 21 21.0	18.5 V	691
1999 AK ₁₅	1999 01	15.29314	08 11 52.37	+20 54 41.7	19.5 V	691	1999 AX ₁₅	1999 01	22.18690	08 06 08.96	+20 21 25.5	18.4 V	691
1999 AK ₁₅	1999 01	15.31538	08 11 51.13	+20 54 44.3	19.4 V	691	1999 AX ₁₅	1999 01	22.20920	08 06 07.79	+20 21 29.7	18.5 V	691
1999 AK ₁₅	1999 01	15.33769	08 11 49.88	+20 54 46.9	19.4 V	691	1999 AY ₁₅						

1999 AD ₁₆	1999 01	15.27298	08 19 08.98	+20 14 24.5	20.0 V	691	1999 AU ₁₆	1999 01	10.40890	08 30 48.00	+16 27 52.9	19.3 V	691
1999 AE ₁₆	* 1999 01	09.35326	08 26 53.36	+20 02 42.3	19.0 V	691	1999 AU ₁₆	1999 01	13.19843	08 28 06.66	+16 47 49.4	19.5 V	691
1999 AE ₁₆	1999 01	09.37813	08 26 52.07	+20 02 48.1	19.0 V	691	1999 AU ₁₆	1999 01	13.22021	08 28 05.35	+16 47 59.2	19.4 V	691
1999 AE ₁₆	1999 01	09.40036	08 26 50.85	+20 02 52.5	19.0 V	691	1999 AU ₁₆	1999 01	13.24244	08 28 04.03	+16 48 08.8	19.8 V	691
1999 AE ₁₆	1999 01	15.22824	08 21 37.87	+20 24 26.1	19.1 V	691	1999 AV ₁₆	* 1999 01	10.36174	08 31 26.02	+16 20 37.6	19.2 V	691
1999 AE ₁₆	1999 01	15.25053	08 21 36.60	+20 24 31.4	19.1 V	691	1999 AV ₁₆	1999 01	10.38360	08 31 24.80	+16 20 43.1	18.8 V	691
1999 AE ₁₆	1999 01	15.27466	08 21 35.23	+20 24 36.7	19.0 V	691	1999 AV ₁₆	1999 01	10.40931	08 31 23.37	+16 20 50.2	19.1 V	691
1999 AF ₁₆	* 1999 01	09.35419	08 28 14.25	+19 43 57.3	20.8 V	691	1999 AV ₁₆	1999 01	13.19894	08 28 50.31	+16 33 27.1	19.1 V	691
1999 AF ₁₆	1999 01	09.37907	08 28 12.96	+19 44 06.5	21.0 V	691	1999 AV ₁₆	1999 01	13.22072	08 28 49.00	+16 33 33.4	18.7 V	691
1999 AF ₁₆	1999 01	09.40130	08 28 11.75	+19 44 14.9	20.9 V	691	1999 AV ₁₆	1999 01	13.24295	08 28 47.74	+16 33 39.7	19.2 V	691
1999 AF ₁₆	1999 01	15.22917	08 22 58.37	+20 23 31.2	20.7 V	691	1999 AW ₁₆	* 1999 01	10.37692	08 21 46.24	+16 21 17.5	18.0 V	691
1999 AF ₁₆	1999 01	15.25146	08 22 57.12	+20 23 40.2	20.8 V	691	1999 AW ₁₆	1999 01	10.40263	08 21 44.72	+16 21 22.7	18.0 V	691
1999 AF ₁₆	1999 01	15.27559	08 22 55.73	+20 23 50.6	20.7 V	691	1999 AW ₁₆	1999 01	13.19214	08 19 01.41	+16 30 51.0	17.7 V	691
1999 AG ₁₆	* 1999 01	09.35578	08 30 31.94	+19 55 49.4	19.6 V	691	1999 AW ₁₆	1999 01	13.21392	08 19 00.00	+16 30 55.1	17.9 V	691
1999 AG ₁₆	1999 01	09.38065	08 30 30.39	+19 55 59.3	19.7 V	691	1999 AW ₁₆	1999 01	13.23615	08 18 58.65	+16 30 59.9	18.1 V	691
1999 AG ₁₆	1999 01	09.40288	08 30 29.03	+19 56 08.0	19.7 V	691	1999 AW ₁₆	1999 01	18.19707	08 13 51.95	+16 49 01.2	17.8 V	691
1999 AG ₁₆	1999 01	15.30182	08 24 24.39	+20 36 16.2	19.8 V	691	1999 AW ₁₆	1999 01	18.21968	08 13 50.47	+16 49 06.5	17.8 V	691
1999 AG ₁₆	1999 01	15.32406	08 24 22.88	+20 36 25.5	19.8 V	691	1999 AW ₁₆	1999 01	18.24128	08 13 49.07	+16 49 11.6	17.8 V	691
1999 AG ₁₆	1999 01	15.34637	08 24 21.40	+20 36 34.8	19.8 V	691	1999 AX ₁₆	* 1999 01	11.42666	09 08 00.72	+14 31 16.6	19.5 V	691
1999 AG ₁₆	1999 01	19.19638	08 20 09.94	+21 02 41.2	19.3 V	691	1999 AX ₁₆	1999 01	11.44821	09 07 59.84	+14 31 20.1	19.8 V	691
1999 AG ₁₆	1999 01	19.21877	08 20 08.42	+21 02 50.3	19.3 V	691	1999 AX ₁₆	1999 01	11.46973	09 07 58.94	+14 31 24.3	19.4 V	691
1999 AG ₁₆	1999 01	19.24071	08 20 06.91	+21 02 59.4	19.7 V	691	1999 AX ₁₆	1999 01	15.43592	09 05 10.20	+14 44 38.7	19.5 V	691
1999 AH ₁₆	* 1999 01	09.35601	08 30 51.64	+19 57 33.6	18.9 V	691	1999 AX ₁₆	1999 01	15.45753	09 05 09.22	+14 44 43.1	19.5 V	691
1999 AH ₁₆	1999 01	09.38088	08 30 50.21	+19 57 36.8	18.8 V	691	1999 AY ₁₆	1999 01	15.47907	09 05 08.23	+14 44 46.8	19.4 V	691
1999 AH ₁₆	1999 01	09.40311	08 30 48.95	+19 57 40.0	18.7 V	691	1999 AY ₁₆	* 1999 01	11.42689	09 08 21.22	+14 47 41.1	19.4 V	691
1999 AH ₁₆	1999 01	15.23068	08 25 08.82	+20 10 56.7	18.7 V	691	1999 AY ₁₆	1999 01	11.44845	09 08 20.40	+14 47 51.9	19.6 V	691
1999 AH ₁₆	1999 01	15.25296	08 25 07.38	+20 10 59.7	18.8 V	691	1999 AY ₁₆	1999 01	11.46997	09 08 19.59	+14 48 02.6	19.5 V	691
1999 AH ₁₆	1999 01	15.27709	08 25 05.82	+20 11 03.2	18.8 V	691	1999 AY ₁₆	1999 01	13.43854	09 07 05.02	+15 04 42.5	19.3 V	691
1999 AH ₁₆	1999 01	22.17263	08 17 40.31	+20 27 11.8	18.4 V	691	1999 AY ₁₆	1999 01	13.46186	09 07 04.09	+15 04 53.8	19.6 V	691
1999 AH ₁₆	1999 01	22.19486	08 17 38.80	+20 27 15.0	18.4 V	691	1999 AY ₁₆	1999 01	13.48389	09 07 03.22	+15 05 04.9	19.9 V	691
1999 AH ₁₆	1999 01	22.21716	08 17 37.28	+20 27 18.3	18.4 V	691	1999 AZ ₁₆	* 1999 01	11.42781	09 09 40.42	+14 56 48.8	20.3 V	691
1999 AJ ₁₆	* 1999 01	09.35655	08 31 38.45	+19 38 00.3	18.9 V	691	1999 AZ ₁₆	1999 01	11.44936	09 09 39.51	+14 56 54.1	20.4 V	691
1999 AJ ₁₆	1999 01	09.38142	08 31 36.96	+19 38 07.4	19.1 V	691	1999 AZ ₁₆	1999 01	11.47088	09 09 38.58	+14 56 59.2	20.1 V	691
1999 AJ ₁₆	1999 01	09.40365	08 31 35.65	+19 38 13.4	19.1 V	691	1999 AZ ₁₆	1999 01	13.43935	09 08 15.58	+15 05 22.1	19.9 V	691
1999 AJ ₁₆	1999 01	15.23109	08 25 44.62	+20 05 18.4	18.9 V	691	1999 AZ ₁₆	1999 01	13.46268	09 08 14.54	+15 05 27.6	19.8 V	691
1999 AJ ₁₆	1999 01	15.25337	08 25 43.17	+20 05 24.6	19.1 V	691	1999 AZ ₁₆	1999 01	13.48470	09 08 13.52	+15 05 33.4	19.9 V	691
1999 AJ ₁₆	1999 01	15.27751	08 25 41.62	+20 05 31.7	19.0 V	691	1999 AA ₁₇	* 1999 01	11.42805	09 10 01.09	+14 36 39.7	20.3 V	691
1999 AK ₁₆	* 1999 01	09.35689	08 32 07.42	+19 49 23.6	20.3 V	691	1999 AA ₁₇	1999 01	11.44960	09 10 00.18	+14 36 46.5	20.2 V	691
1999 AK ₁₆	1999 01	09.38175	08 32 05.92	+19 49 28.0	21.6 V	691	1999 AA ₁₇	1999 01	11.47112	09 09 59.26	+14 36 53.0	19.9 V	691
1999 AK ₁₆	1999 01	09.40399	08 32 04.62	+19 49 31.5	21.1 V	691	1999 AA ₁₇	1999 01	15.43701	09 07 09.69	+14 58 43.7	19.9 V	691
1999 AK ₁₆	1999 01	15.23149	08 26 18.94	+20 07 42.8	20.7 V	691	1999 AA ₁₇	1999 01	15.45861	09 07 08.69	+14 58 51.2	20.3 V	691
1999 AK ₁₆	1999 01	15.25377	08 26 17.54	+20 07 47.0	20.7 V	691	1999 AA ₁₇	1999 01	15.48015	09 07 07.71	+14 58 57.8	20.0 V	691
1999 AK ₁₆	1999 01	15.27791	08 26 16.03	+20 07 51.8	20.7 V	691	1999 AA ₁₇	1999 01	18.27979	09 04 57.24	+15 15 21.9	19.9 V	691
1999 AK ₁₆	1999 01	22.17357	08 19 01.53	+20 29 18.3	20.5 V	691	1999 AA ₁₇	1999 01	18.30129	09 04 56.17	+15 15 29.9	20.0 V	691
1999 AK ₁₆	1999 01	22.19580	08 19 00.09	+20 29 22.5	19.9 V	691	1999 AB ₁₇	1999 01	18.32281	09 04 55.07	+15 15 38.2	19.7 V	691
1999 AK ₁₆	1999 01	22.21810	08 18 58.63	+20 29 26.6	20.4 V	691	1999 AB ₁₇	* 1999 01	11.42908	09 11 30.37	+14 31 05.7	20.8 V	691
1999 AL ₁₆	* 1999 01	09.35772	08 33 19.89	+19 47 21.3	20.4 V	691	1999 AB ₁₇	1999 01	11.45063	09 11 29.35	+14 31 09.4	20.7 V	691
1999 AL ₁₆	1999 01	09.38259	08 33 18.43	+19 47 30.0	20.5 V	691	1999 AB ₁₇	1999 01	11.47215	09 11 28.36	+14 31 13.1	20.4 V	691
1999 AL ₁₆	1999 01	09.40482	08 33 17.08	+19 47 38.5	20.5 V	691	1999 AB ₁₇	1999 01	15.43782	09 08 20.21	+14 44 09.2	20.2 V	691
1999 AL ₁₆	1999 01	15.23232	08 27 31.47	+20 21 58.5	20.2 V	691	1999 AB ₁₇	1999 01	15.45942	09 08 19.06	+14 44 14.0	20.2 V	691
1999 AL ₁₆	1999 01	15.25461	08 27 30.02	+20 22 06.9	20.1 V	691	1999 AB ₁₇	1999 01	15.48096	09 08 17.94	+14 44 17.2	20.5 V	691
1999 AL ₁₆	1999 01	15.27874	08 27 28.49	+20 22 15.6	20.2 V	691	1999 AC ₁₇	* 1999 01	11.42972	09 12 26.62	+14 48 57.7	19.7 V	691
1999 AM ₁₆	* 1999 01	09.42050	08 37 16.83	+18 01 20.8	19.5 V	691	1999 AC ₁₇	1999 01	11.45128	09 12 25.77	+14 49 01.0	19.9 V	691
1999 AM ₁₆	1999 01	09.44654	08 37 15.45	+18 01 27.8	20.0 V	691	1999 AC ₁₇	1999 01	11.47280	09 12 24.92	+14 49 04.3	19.4 V	691
1999 AM ₁₆	1999 01	09.47694	08 37 13.87	+18 01 35.7	20.1 V	691	1999 AC ₁₇	1999 01	15.43882	09 09 46.12	+15 00 09.4	19.9 V	691
1999 AM ₁₆	1999 01	14.26520	08 33 02.21	+18 22 48.6	19.9 V	691	1999 AC ₁₇	1999 01	15.46041	09 09 45.24	+15 00 13.3	19.6 V	691
1999 AM ₁₆	1999 01	14.28740	08 33 00.98	+18 22 54.4	20.0 V	691	1999 AC ₁₇	1999 01	15.48196	09 09 44.30	+15 00 16.2	19.4 V	691
1999 AM ₁₆	1999 01	14.30973	08 32 59.75	+18 23 00.6	20.0 V	691	1999 AC ₁₇	1999 01	18.28134	09 07 44.77	+15 08 38.9	19.8 V	691
1999 AN ₁₆	* 1999 01	10.26747	08 16 13.46	+21 46 58.1	20.8 V	691	1999 AC ₁₇	1999 01	18.30283	09 07 43.80	+15 08 43.1	19.6 V	691
1999 AN ₁₆	1999 01	10.30367	08 16 09.64	+21 46 24.8	20.7 V	691	1999 AC ₁₇	1999 01	18.32435	09 07 42.80	+15 08 47.2	19.4 V	691
1999 AN ₁₆	1999 01	10.32622	08 16 07.21	+21 46 03.6	20.9 V	691	1999 AD ₁₇	* 1999 01	11.43007	09 12 56.77	+14 49 31.9	20.5 V	691
1999 AN ₁₆	1999 01	15.21856	08 07 39.51	+20 28 58.1	20.5 V	691	1999 AD ₁₇	1999 01	11.45162	09 12 55.72	+14 49 32.5	20.5 V	691
1999 AN ₁₆	1999 01	15.24084	08 07 37.07	+20 28 37.8	20.7 V	691	1999 AD ₁₇	1999 01	11.47314	09 12 54.64	+14 49 32.6	20.5 V	691
1999 AN ₁₆	1999 01	15.26496	08 07 34.44	+20 28 14.6	21.2 V	691	1999 AD ₁₇	1999 01	15.43870	09 09 36.24	+14 51 17.0	20.8 V	691
1999 AO ₁₆	* 1999 01	10.34534	08 07 45.78	+16 27 06.9	18.9 V	691	1999 AD ₁₇	1999 01	15.46030	09 09 35.09	+14 51 17.7	20.7 V	691
1999 AO ₁₆	1999 01	10.36720	08 07 44.41	+16 27 16.0	19.1 V	691	1999 AE _{17</}						

1999 AJ ₁₇	1999 01	11.47362	09 13 35.77	+14 42 07.4	21.1 V	691	1999 AY ₁₇	1999 01	15.46732	09 19 43.07	+14 51 43.1	20.3 V	691
1999 AJ ₁₇	1999 01	15.43952	09 10 46.99	+14 58 49.2	21.3 V	691	1999 AY ₁₇	1999 01	15.48886	09 19 41.95	+14 51 45.4	20.2 V	691
1999 AJ ₁₇	1999 01	15.46112	09 10 45.97	+14 58 54.6	21.1 V	691	1999 AZ ₁₇	* 1999 01	11.43720	09 23 14.57	+14 34 17.7	20.9 V	691
1999 AJ ₁₇	1999 01	15.48266	09 10 44.99	+14 58 59.9	21.1 V	691	1999 AZ ₁₇	1999 01	11.45876	09 23 13.61	+14 34 20.9	20.6 V	691
1999 AJ ₁₇	1999 01	18.28192	09 08 34.76	+15 11 41.8	21.0 V	691	1999 AZ ₁₇	1999 01	11.48028	09 23 12.65	+14 34 24.8	20.8 V	691
1999 AJ ₁₇	1999 01	18.30341	09 08 33.70	+15 11 48.1	21.5 V	691	1999 AZ ₁₇	1999 01	15.44604	09 20 11.89	+14 46 15.2	20.9 V	691
1999 AJ ₁₇	1999 01	18.32493	09 08 32.60	+15 11 54.3	20.9 V	691	1999 AZ ₁₇	1999 01	15.46764	09 20 10.83	+14 46 18.8	20.9 V	691
1999 AK ₁₇	* 1999 01	11.43061	09 13 43.19	+14 57 46.3	21.3 V	691	1999 AZ ₁₇	1999 01	15.48918	09 20 09.78	+14 46 23.4	20.8 V	691
1999 AK ₁₇	1999 01	11.45216	09 13 42.29	+14 57 46.8	21.3 V	691	1999 AA ₁₈	* 1999 01	11.43733	09 23 25.17	+14 47 42.5	20.0 V	691
1999 AK ₁₇	1999 01	11.47368	09 13 41.42	+14 57 48.0	20.7 V	691	1999 AA ₁₈	1999 01	11.45888	09 23 24.13	+14 47 44.9	19.9 V	691
1999 AK ₁₇	1999 01	15.43958	09 10 52.22	+15 00 05.4	21.0 V	691	1999 AA ₁₈	1999 01	11.48040	09 23 23.08	+14 47 47.2	19.8 V	691
1999 AK ₁₇	1999 01	15.46118	09 10 51.26	+15 00 06.6	20.9 V	691	1999 AA ₁₈	1999 01	15.44599	09 20 07.68	+14 55 24.0	19.7 V	691
1999 AK ₁₇	1999 01	15.48272	09 10 50.27	+15 00 06.3	21.1 V	691	1999 AA ₁₈	1999 01	15.46759	09 20 06.50	+14 55 26.5	19.5 V	691
1999 AK ₁₇	1999 01	18.28201	09 08 42.45	+15 02 16.3	21.3 V	691	1999 AA ₁₈	1999 01	15.48913	09 20 05.30	+14 55 29.5	19.5 V	691
1999 AK ₁₇	1999 01	18.30349	09 08 41.34	+15 02 17.9	20.9 V	691	1999 AB ₁₈	* 1999 01	11.43782	09 24 08.08	+14 32 03.6	18.7 V	691
1999 AK ₁₇	1999 01	18.32502	09 08 40.34	+15 02 18.9	21.1 V	691	1999 AB ₁₈	1999 01	11.45938	09 24 07.28	+14 32 08.0	18.8 V	691
1999 AL ₁₇	* 1999 01	11.43103	09 14 19.58	+14 36 24.3	20.6 V	691	1999 AB ₁₈	1999 01	11.48090	09 24 06.46	+14 32 12.8	18.8 V	691
1999 AL ₁₇	1999 01	11.45258	09 14 18.65	+14 36 27.0	19.9 V	691	1999 AB ₁₈	1999 01	15.44698	09 21 33.46	+14 47 07.3	18.7 V	691
1999 AL ₁₇	1999 01	11.47410	09 14 17.73	+14 36 29.5	19.6 V	691	1999 AB ₁₈	1999 01	15.46858	09 21 32.54	+14 47 12.3	18.9 V	691
1999 AL ₁₇	1999 01	15.43996	09 11 25.10	+14 45 14.1	19.9 V	691	1999 AB ₁₈	1999 01	15.49012	09 21 31.63	+14 47 17.7	18.7 V	691
1999 AL ₁₇	1999 01	15.46156	09 11 24.09	+14 45 17.0	19.8 V	691	1999 AC ₁₈	* 1999 01	11.43852	09 25 08.22	+14 32 48.8	20.7 V	691
1999 AL ₁₇	1999 01	15.48310	09 11 23.09	+14 45 19.4	19.5 V	691	1999 AC ₁₈	1999 01	11.46007	09 25 07.15	+14 32 51.7	20.7 V	691
1999 AM ₁₇	* 1999 01	11.43131	09 14 44.27	+14 46 44.7	21.0 V	691	1999 AC ₁₈	1999 01	11.48159	09 25 06.13	+14 32 54.5	20.3 V	691
1999 AM ₁₇	1999 01	11.45287	09 14 43.35	+14 46 45.4	20.8 V	691	1999 AC ₁₈	1999 01	15.44716	09 21 48.53	+14 42 04.3	20.6 V	691
1999 AM ₁₇	1999 01	11.47439	09 14 42.44	+14 46 46.4	20.8 V	691	1999 AC ₁₈	1999 01	15.46875	09 21 47.35	+14 42 07.7	20.4 V	691
1999 AM ₁₇	1999 01	15.44028	09 11 52.58	+14 50 20.4	21.2 V	691	1999 AC ₁₈	1999 01	15.49029	09 21 46.16	+14 42 11.5	20.7 V	691
1999 AM ₁₇	1999 01	15.46187	09 11 51.61	+14 50 21.6	21.0 V	691	1999 AD ₁₈	* 1999 01	11.43877	09 25 30.09	+14 32 50.5	20.1 V	691
1999 AM ₁₇	1999 01	15.48342	09 11 50.58	+14 50 21.1	20.2 V	691	1999 AD ₁₈	1999 01	11.46032	09 25 29.29	+14 32 54.4	19.7 V	691
1999 AN ₁₇	* 1999 01	11.43138	09 14 50.26	+14 59 05.4	20.8 V	691	1999 AD ₁₈	1999 01	11.48184	09 25 28.59	+14 32 58.3	19.9 V	691
1999 AN ₁₇	1999 01	11.45293	09 14 49.21	+14 59 04.3	20.6 V	691	1999 AD ₁₈	1999 01	15.44805	09 23 05.81	+14 45 44.4	20.2 V	691
1999 AN ₁₇	1999 01	11.47445	09 14 48.15	+14 59 03.2	20.5 V	691	1999 AD ₁₈	1999 01	15.46965	09 23 04.96	+14 45 48.2	20.1 V	691
1999 AN ₁₇	1999 01	15.44000	09 11 28.72	+14 56 02.0	21.0 V	691	1999 AE ₁₈	1999 01	15.49119	09 23 04.11	+14 45 53.3	20.0 V	691
1999 AN ₁₇	1999 01	15.46160	09 11 27.56	+14 56 01.2	20.8 V	691	1999 AE ₁₈	* 1999 01	11.44003	09 27 18.95	+14 41 36.8	19.7 V	691
1999 AO ₁₇	* 1999 01	11.43193	09 15 38.06	+14 49 17.3	20.8 V	691	1999 AE ₁₈	1999 01	11.46158	09 27 18.13	+14 41 55.1	19.7 V	691
1999 AO ₁₇	1999 01	11.45349	09 15 37.19	+14 49 19.4	21.0 V	691	1999 AE ₁₈	1999 01	11.48310	09 27 17.31	+14 42 13.0	19.7 V	691
1999 AO ₁₇	1999 01	11.47501	09 15 36.32	+14 49 21.4	20.5 V	691	1999 AE ₁₈	1999 01	13.45168	09 26 03.60	+15 10 18.7	19.5 V	691
1999 AO ₁₇	1999 01	15.44086	09 12 43.52	+14 54 35.1	20.9 V	691	1999 AE ₁₈	1999 01	13.47501	09 26 02.62	+15 10 39.2	19.9 V	691
1999 AO ₁₇	1999 01	15.46246	09 12 42.43	+14 54 38.1	20.7 V	691	1999 AE ₁₈	1999 01	13.49704	09 26 01.74	+15 10 58.0	19.5 V	691
1999 AO ₁₇	1999 01	15.48400	09 12 41.39	+14 54 40.3	20.7 V	691	1999 AF ₁₈	* 1999 01	11.44022	09 27 35.85	+14 49 04.2	21.3 V	691
1999 AP ₁₇	* 1999 01	11.43202	09 15 45.43	+14 36 35.7	19.5 V	691	1999 AF ₁₈	1999 01	11.46177	09 27 34.80	+14 49 06.8	21.1 V	691
1999 AP ₁₇	1999 01	11.45357	09 15 44.51	+14 36 40.8	19.5 V	691	1999 AF ₁₈	1999 01	11.48329	09 27 33.79	+14 49 08.6	20.9 V	691
1999 AP ₁₇	1999 01	11.47509	09 15 43.60	+14 36 46.0	19.3 V	691	1999 AF ₁₈	1999 01	15.44891	09 24 20.88	+14 56 42.2	21.2 V	691
1999 AP ₁₇	1999 01	15.44095	09 12 50.82	+14 53 54.0	19.5 V	691	1999 AF ₁₈	1999 01	15.47051	09 24 19.65	+14 56 44.0	20.9 V	691
1999 AP ₁₇	1999 01	15.46254	09 12 49.78	+14 53 59.6	19.5 V	691	1999 AF ₁₈	1999 01	15.49205	09 24 18.54	+14 56 47.7	21.2 V	691
1999 AP ₁₇	1999 01	15.48409	09 12 48.72	+14 54 05.2	19.2 V	691	1999 AF ₁₈	1999 01	18.29107	09 21 47.76	+15 03 01.5	20.8 V	691
1999 AQ ₁₇	* 1999 01	11.43203	09 15 46.24	+14 30 18.6	20.4 V	691	1999 AF ₁₈	1999 01	18.31256	09 21 46.52	+15 03 04.1	21.0 V	691
1999 AQ ₁₇	1999 01	11.45358	09 15 45.42	+14 30 26.3	19.9 V	691	1999 AF ₁₈	1999 01	18.33408	09 21 45.28	+15 03 07.3	20.9 V	691
1999 AQ ₁₇	1999 01	11.47510	09 15 44.59	+14 30 34.4	20.0 V	691	1999 AF ₁₈	1999 01	23.41769	09 16 43.89	+15 15 57.1	21.1 V	691
1999 AQ ₁₇	1999 01	15.44113	09 13 06.86	+14 56 02.3	20.5 V	691	1999 AF ₁₈	1999 01	23.43916	09 16 42.51	+15 16 00.7	21.1 V	691
1999 AQ ₁₇	1999 01	15.46273	09 13 05.91	+14 56 10.9	20.6 V	691	1999 AF ₁₈	1999 01	23.46047	09 16 41.15	+15 16 04.2	20.5 V	691
1999 AQ ₁₇	1999 01	15.48428	09 13 04.99	+14 56 18.9	20.2 V	691	1999 AG ₁₈	* 1999 01	11.44062	09 28 10.77	+14 30 58.4	19.5 V	691
1999 AR ₁₇	* 1999 01	11.43282	09 16 54.78	+14 37 22.2	20.6 V	691	1999 AG ₁₈	1999 01	11.46218	09 28 09.76	+14 30 58.6	19.4 V	691
1999 AR ₁₇	1999 01	11.45437	09 16 53.83	+14 37 27.6	20.8 V	691	1999 AG ₁₈	1999 01	11.48369	09 28 08.72	+14 30 58.6	19.4 V	691
1999 AR ₁₇	1999 01	11.47589	09 16 52.87	+14 37 32.9	20.8 V	691	1999 AG ₁₈	1999 01	15.44932	09 24 56.48	+14 32 20.9	19.6 V	691
1999 AR ₁₇	1999 01	15.44163	09 13 49.82	+14 55 26.9	20.7 V	691	1999 AG ₁₈	1999 01	15.47092	09 24 55.27	+14 32 21.5	19.4 V	691
1999 AR ₁₇	1999 01	15.46322	09 13 48.70	+14 55 32.8	20.9 V	691	1999 AG ₁₈	1999 01	15.49246	09 24 54.14	+14 32 22.1	19.5 V	691
1999 AR ₁₇	1999 01	15.48477	09 13 47.61	+14 55 38.4	20.6 V	691	1999 AH ₁₈	* 1999 01	11.44104	09 28 46.66	+14 40 42.9	16.9 V	691
1999 AS ₁₇	* 1999 01	11.43293	09 17 04.29	+14 34 25.1	21.2 V	691	1999 AH ₁₈	1999 01	11.46259	09 28 46.10	+14 41 02.3	16.9 V	691
1999 AS ₁₇	1999 01	11.45448	09 17 03.42	+14 34 30.6	20.9 V	691	1999 AH ₁₈	1999 01	11.48412	09 28 45.53	+14 41 15.2	16.9 V	691
1999 AS ₁₇	1999 01	11.47600	09 17 02.58	+14 34 35.8	20.8 V	691	1999 AH ₁₈	1999 01	13.45297	09 27 55.10	+15 01 24.2	16.6 V	691
1999 AS ₁₇	1999 01	15.44196	09 14 18.69	+14 52 17.7	21.3 V	691	1999 AH ₁₈	1999 01	13.47630	09 27 54.45	+15 01 38.0	16.7 V	691
1999 AS ₁₇	1999 01	15.46356	09 14 17.67	+14 52 24.6	20.9 V	691	1999 AH ₁₈	1999 01	13.49833	09 27 53.78	+15 01 52.1	16.8 V	691
1999 AS ₁₇	1999 01	15.48510	09 14 16.67	+14 52 29.6	21.0 V	691	1999 AH ₁₈	1999 01	14.35784	09 27 30.19	+15 10 55.6	17.0 R	699
1999 AT ₁₇	* 1999 01	11.43415	09 18 49.81	+14 42 03.5	19.6 V	691	1999 AH ₁₈	1999 01	14.37823	09 27 29.55	+15 11 08.6		699
1999 AT ₁₇	1999 01	11.45570	09 18 49.01	+14 42 15.3	19.5 V	691	1999 AH ₁₈	1999 01	14.39792	09 27 28.94	+15 11 21.0		699
1999 AT ₁₇	1999 01	11.47722	09 18 48.19	+14 42 27.3	19.5 V	691	1999 AH ₁₈	1999 0					

1999 AO ₁₈	1999 01	14.41194	08 35	17.61	+38 17	54.2	704	1999 AF ₁₉	1999 01	13.52625	09 51	07.00	+12 50	20.0	17.7	V	691
1999 AO ₁₈	1999 01	19.35312	08 29	50.24	+38 52	27.4	704	1999 AF ₁₉	1999 01	15.50252	09 49	55.33	+12 50	44.0	17.7	V	691
1999 AO ₁₈	1999 01	19.37528	08 29	48.53	+38 52	37.0	704	1999 AF ₁₉	1999 01	15.52044	09 49	54.64	+12 50	44.4	17.7	V	691
1999 AO ₁₈	1999 01	19.39733	08 29	46.90	+38 52	45.2	704	1999 AF ₁₉	1999 01	15.53822	09 49	53.98	+12 50	44.6	17.7	V	691
1999 AP ₁₈	* 1999 01	13.34227	08 11	33.64	+17 58	50.3	691	1999 AF ₁₉	1999 01	24.00333	09 44	01.75	+12 55	25.7	18.0		120
1999 AP ₁₈	1999 01	13.36431	08 11	32.35	+17 58	53.0	691	1999 AF ₁₉	1999 01	24.01862	09 44	01.03	+12 55	26.5			120
1999 AP ₁₈	1999 01	14.24972	08 10	41.75	+18 00	36.6	691	1999 AF ₁₉	1999 01	24.05044	09 43	59.55	+12 55	27.6			120
1999 AP ₁₈	1999 01	14.27193	08 10	40.41	+18 00	39.5	691	1999 AF ₁₉	1999 01	24.99586	09 43	16.24	+12 56	14.2	18.0		120
1999 AP ₁₈	1999 01	14.29426	08 10	39.08	+18 00	41.8	691	1999 AF ₁₉	1999 01	25.02057	09 43	15.08	+12 56	15.5			120
1999 AQ ₁₈	* 1999 01	13.34278	08 12	18.16	+18 02	09.4	691	1999 AF ₁₉	1999 01	25.99295	09 42	29.79	+12 57	06.5	17.8		120
1999 AQ ₁₈	1999 01	13.36482	08 12	16.73	+18 02	14.0	691	1999 AF ₁₉	1999 01	26.01432	09 42	28.77	+12 57	07.5			120
1999 AQ ₁₈	1999 01	13.38687	08 12	15.27	+18 02	18.3	691	1999 AG ₁₉	* 1999 01	13.50817	09 51	19.01	+12 48	43.6	21.3	V	691
1999 AQ ₁₈	1999 01	14.25017	08 11	20.51	+18 05	28.3	691	1999 AG ₁₉	1999 01	13.52638	09 51	18.33	+12 48	47.3	20.4	V	691
1999 AQ ₁₈	1999 01	14.27237	08 11	19.00	+18 05	33.7	691	1999 AG ₁₉	1999 01	15.50261	09 50	03.34	+12 54	34.7	20.6	V	691
1999 AQ ₁₈	1999 01	14.29470	08 11	17.53	+18 05	38.5	691	1999 AG ₁₉	1999 01	15.52053	09 50	02.60	+12 54	38.2	20.1	V	691
1999 AR ₁₈	* 1999 01	13.34305	08 12	41.06	+18 00	49.4	691	1999 AG ₁₉	1999 01	15.53831	09 50	01.90	+12 54	41.3	20.6	V	691
1999 AR ₁₈	1999 01	13.36508	08 12	39.68	+18 00	55.4	691	1999 AH ₁₉	* 1999 01	13.50990	09 53	49.01	+12 36	08.7	20.0	V	691
1999 AR ₁₈	1999 01	13.38714	08 12	38.28	+18 01	01.4	691	1999 AH ₁₉	1999 01	13.52811	09 53	48.44	+12 36	12.1	20.0	V	691
1999 AR ₁₈	1999 01	14.25046	08 11	45.48	+18 05	05.3	691	1999 AH ₁₉	1999 01	15.50449	09 52	46.21	+12 42	13.1	19.8	V	691
1999 AR ₁₈	1999 01	14.27266	08 11	44.10	+18 05	11.5	691	1999 AH ₁₉	1999 01	15.52241	09 52	45.63	+12 42	16.5	19.7	V	691
1999 AR ₁₈	1999 01	14.29499	08 11	42.68	+18 05	17.6	691	1999 AH ₁₉	1999 01	15.54019	09 52	45.05	+12 42	19.5	20.2	V	691
1999 AS ₁₈	* 1999 01	13.34391	08 13	55.69	+17 59	56.7	691	1999 AJ ₁₉	* 1999 01	13.51014	09 54	09.80	+12 46	59.0	20.8	V	691
1999 AS ₁₈	1999 01	13.38800	08 13	53.00	+18 00	08.7	691	1999 AJ ₁₉	1999 01	13.52835	09 54	09.27	+12 47	04.3	21.0	V	691
1999 AS ₁₈	1999 01	14.25134	08 13	01.62	+18 04	06.0	691	1999 AJ ₁₉	1999 01	15.50488	09 53	19.64	+12 57	00.8	20.4	V	691
1999 AS ₁₈	1999 01	14.27354	08 13	00.25	+18 04	11.8	691	1999 AJ ₁₉	1999 01	15.52280	09 53	19.11	+12 57	07.2	20.1	V	691
1999 AS ₁₈	1999 01	14.29587	08 12	58.86	+18 04	18.5	691	1999 AJ ₁₉	1999 01	15.54058	09 53	18.62	+12 57	12.2	20.1	V	691
1999 AT ₁₈	* 1999 01	13.34587	08 16	45.17	+18 01	52.9	691	1999 AK ₁₉	* 1999 01	13.51134	09 55	53.61	+12 37	06.9	20.2	V	691
1999 AT ₁₈	1999 01	13.36790	08 16	44.07	+18 02	01.1	691	1999 AK ₁₉	1999 01	13.52955	09 55	53.02	+12 37	07.0	20.0	V	691
1999 AT ₁₈	1999 01	13.38996	08 16	42.97	+18 02	09.3	691	1999 AK ₁₉	1999 01	15.50586	09 54	44.92	+12 38	13.1	19.9	V	691
1999 AT ₁₈	1999 01	14.25340	08 16	00.56	+18 07	43.3	691	1999 AK ₁₉	1999 01	15.52378	09 54	44.25	+12 38	13.4	19.6	V	691
1999 AT ₁₈	1999 01	14.27561	08 15	59.43	+18 07	52.6	691	1999 AK ₁₉	1999 01	15.54156	09 54	43.65	+12 38	14.1	19.9	V	691
1999 AU ₁₈	1999 01	14.29794	08 15	58.33	+18 08	01.1	691	1999 AL ₁₉	* 1999 01	13.51152	09 56	08.74	+12 57	27.7	20.1	V	691
1999 AU ₁₈	* 1999 01	13.34679	08 18	04.95	+18 00	39.6	691	1999 AL ₁₉	1999 01	13.52972	09 56	08.12	+12 57	31.9	20.1	V	691
1999 AU ₁₈	1999 01	13.36882	08 18	03.75	+18 00	43.4	691	1999 AL ₁₉	1999 01	14.47898	09 55	35.25	+13 01	32.8	20.5	V	691
1999 AU ₁₈	1999 01	13.39088	08 18	02.57	+18 00	47.4	691	1999 AL ₁₉	1999 01	14.50058	09 55	34.42	+13 01	38.6	20.3	V	691
1999 AU ₁₈	1999 01	14.25429	08 17	17.45	+18 03	06.4	691	1999 AL ₁₉	1999 01	14.53171	09 55	33.30	+13 01	46.0	20.2	V	691
1999 AU ₁₈	1999 01	14.27650	08 17	16.25	+18 03	10.0	691	1999 AM ₁₉	* 1999 01	13.51244	09 57	28.54	+12 52	12.1	19.7	V	691
1999 AU ₁₈	1999 01	14.29883	08 17	15.09	+18 03	13.0	691	1999 AM ₁₉	1999 01	13.53065	09 57	28.05	+12 52	11.6	20.1	V	691
1999 AU ₁₈	1999 01	22.32636	08 10	04.03	+18 25	18.3	691	1999 AM ₁₉	1999 01	15.50713	09 56	34.22	+12 51	31.7	20.1	V	691
1999 AU ₁₈	1999 01	22.34848	08 10	02.80	+18 25	21.7	691	1999 AM ₁₉	1999 01	15.52505	09 56	33.65	+12 51	33.2	19.5	V	691
1999 AU ₁₈	1999 01	22.37061	08 10	01.56	+18 25	25.6	691	1999 AM ₁₉	1999 01	15.54282	09 56	33.13	+12 51	31.1	19.7	V	691
1999 AV ₁₈	* 1999 01	13.34681	08 18	07.29	+18 01	07.5	691	1999 AN ₁₉	* 1999 01	13.51256	09 57	38.76	+12 42	14.4	20.0	V	691
1999 AV ₁₈	1999 01	13.36885	08 18	06.13	+18 01	12.3	691	1999 AN ₁₉	1999 01	13.53076	09 57	38.13	+12 42	20.3	20.0	V	691
1999 AV ₁₈	1999 01	13.39091	08 18	04.99	+18 01	17.5	691	1999 AN ₁₉	1999 01	15.50706	09 56	28.15	+12 53	27.8	19.7	V	691
1999 AV ₁₈	1999 01	14.25433	08 17	21.30	+18 04	35.3	691	1999 AN ₁₉	1999 01	15.52497	09 56	27.49	+12 53	34.0	19.7	V	691
1999 AV ₁₈	1999 01	14.27654	08 17	20.20	+18 04	40.2	691	1999 AN ₁₉	1999 01	15.54275	09 56	26.80	+12 53	40.2	19.8	V	691
1999 AV ₁₈	1999 01	14.29887	08 17	18.97	+18 04	45.7	691	1999 AN ₁₉	1999 01	18.48378	09 54	31.94	+13 11	14.2	19.6	V	691
1999 AV ₁₈	1999 01	22.39418	08 10	17.09	+18 36	14.1	691	1999 AN ₁₉	1999 01	18.50592	09 54	30.99	+13 11	23.1	19.3	V	691
1999 AV ₁₈	1999 01	22.41620	08 10	15.87	+18 36	18.9	691	1999 AN ₁₉	1999 01	18.52731	09 54	30.07	+13 11	29.9	20.0	V	691
1999 AV ₁₈	1999 01	22.43765	08 10	14.74	+18 36	24.2	691	1999 AO ₁₉	* 1999 01	13.51287	09 58	05.99	+12 39	08.4	21.1	V	691
1999 AW ₁₈	* 1999 01	13.34703	08 18	26.27	+18 02	32.1	691	1999 AO ₁₉	1999 01	13.53108	09 58	05.48	+12 39	12.7	21.7	V	691
1999 AW ₁₈	1999 01	13.36907	08 18	24.66	+18 02	33.4	691	1999 AO ₁₉	1999 01	15.50744	09 57	01.46	+12 44	21.8	21.4	V	691
1999 AW ₁₈	1999 01	13.39112	08 18	23.06	+18 02	35.2	691	1999 AO ₁₉	1999 01	15.52536	09 57	00.88	+12 44	24.9	21.1	V	691
1999 AW ₁₈	1999 01	14.25434	08 17	22.26	+18 03	35.0	691	1999 AO ₁₉	1999 01	15.54314	09 57	00.28	+12 44	27.4	21.6	V	691
1999 AW ₁₈	1999 01	14.27655	08 17	20.68	+18 03	36.0	691	1999 AP ₁₉	* 1999 01	13.51316	09 58	30.96	+12 46	55.6	20.5	V	691
1999 AW ₁₈	1999 01	14.29887	08 17	19.05	+18 03	37.9	691	1999 AP ₁₉	1999 01	13.53136	09 58	30.34	+12 46	59.0	20.5	V	691
1999 AX ₁₈	* 1999 01	13.34950	08 22	00.06	+17 55	18.1	691	1999 AP ₁₉	1999 01	15.52554	09 57	16.88	+12 52	51.8	20.2	V	691
1999 AX ₁₈	1999 01	13.37154	08 21	58.83	+17 55	24.0	691	1999 AP ₁₉	1999 01	15.54332	09 57	16.16	+12 52	54.3	20.4	V	691
1999 AX ₁₈	1999 01	13.39360	08 21	57.65	+17 55	30.1	691	1999 AP ₁₉	1999 01	18.48429	09 55	15.90	+13 02	32.0	20.5	V	691
1999 AX ₁₈	1999 01	14.25700	08 21	12.40	+17 59	25.6	691	1999 AP ₁₉	1999 01	18.50642	09 55	14.95	+13 02	37.0	20.5	V	691
1999 AX ₁₈	1999 01	14.27921	08 21	11.20	+17 59	31.6	691	1999 AP ₁₉	1999 01	18.52782	09 55	13.97	+13 02	40.7	20.6	V	691
1999 AX ₁₈	1999 01	14.30154	08 21	09.95	+17 59	37.5	691	1999 AQ ₁₉	* 1999 01	13.51337	09 58	49.52	+12 44	47.6	19.4	V	691
1999 AX ₁₈	1999 01	22.39662	08 13	48.63	+18 37												

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1999 AW ₁₉	1999 01	18.50845	09 58	10.45	+13 00	25.9	20.4	V	691	1999 AN ₂₀	1999 01	26.50883	07 46	14.81	+18 18	30.6	19.3	R	426
1999 AW ₁₉	1999 01	18.52985	09 58	09.67	+13 00	29.1	20.4	V	691	1999 AN ₂₀	1999 01	26.51794	07 46	14.25	+18 18	32.4			426
1999 AW ₁₉	1999 01	23.48001	09 55	06.74	+13 12	57.5	19.7	V	691	1999 AO ₂₀	* 1999 01	13.43735	10 07	08.01	+17 02	55.3	18.1	R	699
1999 AW ₁₉	1999 01	23.50155	09 55	05.87	+13 13	00.6	19.7	V	691	1999 AO ₂₀	1999 01	13.45773	10 07	07.20	+17 03	02.7			699
1999 AW ₁₉	1999 01	23.52566	09 55	04.93	+13 13	04.5	19.7	V	691	1999 AO ₂₀	1999 01	13.47811	10 07	06.41	+17 03	09.2			699
1999 AX ₁₉	* 1999 01	13.51483	10 00	55.51	+12 47	11.0	20.0	V	691	1999 AO ₂₀	1999 01	14.93331	10 06	12.00	+17 11	11.6			557
1999 AX ₁₉	1999 01	13.53303	10 00	54.89	+12 47	13.5	19.8	V	691	1999 AO ₂₀	1999 01	14.93882	10 06	11.78	+17 11	13.2			557
1999 AX ₁₉	1999 01	15.50936	09 59	47.53	+12 52	43.8	19.5	V	691	1999 AO ₂₀	1999 01	14.94149	10 06	11.69	+17 11	14.0	17.9	V	557
1999 AX ₁₉	1999 01	15.52728	09 59	46.87	+12 52	46.7	19.6	V	691	1999 AO ₂₀	1999 01	15.04905	10 06	07.33	+17 11	51.3	17.3	R	046
1999 AX ₁₉	1999 01	15.54505	09 59	46.23	+12 52	49.5	19.7	V	691	1999 AO ₂₀	1999 01	15.05191	10 06	07.19	+17 11	52.3			046
1999 AY ₁₉	* 1999 01	13.51512	10 01	20.83	+12 48	45.3	21.0	V	691	1999 AO ₂₀	1999 01	15.05332	10 06	07.14	+17 11	52.9			046
1999 AY ₁₉	1999 01	13.53333	10 01	20.33	+12 48	46.5	21.0	V	691	1999 AO ₂₀	1999 01	15.05609	10 06	07.04	+17 11	53.9			046
1999 AY ₁₉	1999 01	15.50979	10 00	24.95	+12 50	37.7	20.4	V	691	1999 AO ₂₀	1999 01	15.05723	10 06	06.93	+17 11	54.2			046
1999 AY ₁₉	1999 01	15.52771	10 00	24.39	+12 50	39.2	20.7	V	691	1999 AO ₂₀	1999 01	15.05873	10 06	06.88	+17 11	54.5			046
1999 AY ₁₉	1999 01	15.54549	10 00	23.87	+12 50	39.8	20.7	V	691	1999 AO ₂₀	1999 01	15.61025	10 05	45.17	+17 15	10.0	17.8	R	422
1999 AZ ₁₉	* 1999 01	13.51557	10 01	59.77	+12 45	25.4	19.9	V	691	1999 AO ₂₀	1999 01	15.61133	10 05	45.13	+17 15	10.3	17.7	R	422
1999 AZ ₁₉	1999 01	13.53377	10 01	59.04	+12 45	24.9	20.4	V	691	1999 AO ₂₀	1999 01	15.61363	10 05	45.08	+17 15	11.4	17.5	R	422
1999 AZ ₁₉	1999 01	15.50997	10 00	40.61	+12 44	29.3	20.1	V	691	1999 AO ₂₀	1999 01	15.61508	10 05	44.97	+17 15	11.9	17.6	R	422
1999 AZ ₁₉	1999 01	15.52789	10 00	39.83	+12 44	29.1	20.2	V	691	1999 AO ₂₀	1999 01	16.64267	10 05	02.57	+17 21	08.3	17.8	R	W 422
1999 AZ ₁₉	1999 01	15.54566	10 00	39.10	+12 44	28.8	20.0	V	691	1999 AO ₂₀	1999 01	16.64336	10 05	02.66	+17 21	07.6			422
1999 AA ₂₀	* 1999 01	13.51581	10 02	20.62	+12 40	37.6	19.6	V	691	1999 AP ₂₀	* 1999 01	13.45391	09 41	40.22	+12 29	24.2	18.8	R	699
1999 AA ₂₀	1999 01	13.53402	10 02	20.03	+12 40	37.9	19.6	V	691	1999 AP ₂₀	1999 01	13.47429	09 41	39.24	+12 29	31.1			699
1999 AA ₂₀	1999 01	15.51039	10 01	16.73	+12 41	41.1	19.3	V	691	1999 AP ₂₀	1999 01	13.49469	09 41	38.29	+12 29	38.4			699
1999 AA ₂₀	1999 01	15.52831	10 01	16.10	+12 41	41.9	19.3	V	691	1999 AP ₂₀	1999 01	14.93051	09 40	32.47	+12 37	42.0			557
1999 AA ₂₀	1999 01	15.54608	10 01	15.48	+12 41	42.3	19.8	V	691	1999 AP ₂₀	1999 01	14.93608	09 40	32.22	+12 37	44.1	18.4	V	557
1999 AB ₂₀	* 1999 01	13.51626	10 02	59.60	+12 35	12.5	20.7	V	691	1999 AP ₂₀	1999 01	15.04166	09 40	27.22	+12 38	22.4			046
1999 AB ₂₀	1999 01	13.53447	10 02	59.05	+12 35	17.6	20.7	V	691	1999 AP ₂₀	1999 01	15.04316	09 40	26.91	+12 38	22.8	17.4	R	046
1999 AB ₂₀	1999 01	15.51087	10 01	58.96	+12 47	12.1	20.9	V	691	1999 AP ₂₀	1999 01	15.04516	09 40	26.89	+12 38	23.0			046
1999 AB ₂₀	1999 01	15.52879	10 01	58.33	+12 47	18.7	20.6	V	691	1999 AP ₂₀	1999 01	15.04674	09 40	26.80	+12 38	23.4			046
1999 AB ₂₀	1999 01	15.54657	10 01	57.73	+12 47	25.8	20.5	V	691	1999 AP ₂₀	1999 01	15.60398	09 40	00.22	+12 41	46.0	18.4	R	422
1999 AC ₂₀	* 1999 01	13.51794	10 05	25.37	+12 45	43.4	20.7	V	691	1999 AP ₂₀	1999 01	15.60508	09 40	00.16	+12 41	46.2	18.3	R	422
1999 AC ₂₀	1999 01	13.53615	10 05	24.79	+12 45	47.9	20.9	V	691	1999 AP ₂₀	1999 01	15.60696	09 40	00.09	+12 41	47.1	18.0	R	422
1999 AC ₂₀	1999 01	15.51254	10 04	23.46	+12 53	25.2	20.1	V	691	1999 AP ₂₀	1999 01	15.60792	09 40	00.01	+12 41	46.6	18.2	R	422
1999 AC ₂₀	1999 01	15.53046	10 04	22.83	+12 53	29.7	20.3	V	691	1999 AP ₂₀	1999 01	16.63868	09 39	08.96	+12 47	54.5			W 422
1999 AC ₂₀	1999 01	15.54824	10 04	22.25	+12 53	33.4	20.7	V	691	1999 AP ₂₀	1999 01	16.63938	09 39	08.94	+12 47	53.9			422
1999 AC ₂₀	1999 01	18.48943	10 02	41.37	+13 05	43.9	20.3	V	691	1999 AP ₂₀	1999 01	21.02881	09 35	13.93	+13 15	27.4	18.3		120
1999 AC ₂₀	1999 01	18.51157	10 02	40.50	+13 05	49.6	20.0	V	691	1999 AP ₂₀	1999 01	21.04568	09 35	13.04	+13 15	34.1			120
1999 AC ₂₀	1999 01	18.53296	10 02	39.72	+13 05	55.1	20.2	V	691	1999 AP ₂₀	1999 01	21.96639	09 34	20.45	+13 21	40.7	18.6		120
1999 AD ₂₀	* 1999 01	13.51803	10 05	32.66	+12 41	05.9	20.5	V	691	1999 AP ₂₀	1999 01	21.98745	09 34	19.08	+13 21	48.6			120
1999 AD ₂₀	1999 01	13.53623	10 05	32.03	+12 41	07.4	20.6	V	691	1999 AP ₂₀	1999 01	22.88108	09 33	27.12	+13 27	49.6	18.4		120
1999 AD ₂₀	1999 01	15.51253	10 04	22.43	+12 44	09.6	20.7	V	691	1999 AQ ₂₀	* 1999 01	13.82753	02 34	12.04	+17 15	58.3	20.4	V	910
1999 AD ₂₀	1999 01	15.53045	10 04	21.73	+12 44	11.4	20.4	V	691	1999 AQ ₂₀	1999 01	13.85066	02 34	12.56	+17 16	00.4	20.0	V	910
1999 AD ₂₀	1999 01	15.54823	10 04	21.03	+12 44	12.7	20.5	V	691	1999 AQ ₂₀	1999 01	13.87526	02 34	13.13	+17 16	01.9	20.3	V	910
1999 AE ₂₀	* 1999 01	13.51862	10 06	23.71	+12 59	51.8	20.7	V	691	1999 AQ ₂₀	1999 01	14.84287	02 34	35.69	+17 17	27.8	20.2	V	910
1999 AE ₂₀	1999 01	13.53682	10 06	23.28	+12 59	56.9	20.4	V	691	1999 AQ ₂₀	1999 01	14.86615	02 34	36.16	+17 17	29.9	20.5	V	910
1999 AE ₂₀	1999 01	14.48619	10 06	00.28	+13 04	25.4	20.0	V	691	1999 AQ ₂₀	1999 01	14.88927	02 34	36.72	+17 17	31.3	20.4	V	910
1999 AE ₂₀	1999 01	14.50779	10 05	59.70	+13 04	31.2	20.0	V	691	1999 AQ ₂₀	1999 01	19.74596	02 36	49.29	+17 26	06.3	20.2	V	910
1999 AE ₂₀	1999 01	14.53893	10 05	58.87	+13 04	40.2	20.5	V	691	1999 AQ ₂₀	1999 01	19.77039	02 36	49.98	+17 26	08.6	20.7	V	910
1999 AE ₂₀	1999 01	18.49043	10 04	07.73	+13 24	49.3	20.0	V	691	1999 AQ ₂₀	1999 01	19.79373	02 36	50.66	+17 26	11.6	20.3	V	910
1999 AE ₂₀	1999 01	18.51257	10 04	06.99	+13 24	56.3	20.0	V	691	1999 AR ₂₀	* 1999 01	13.82910	02 36	28.37	+16 56	55.6	19.0	V	910
1999 AE ₂₀	1999 01	18.53396	10 04	06.28	+13 25	03.2	20.5	V	691	1999 AR ₂₀	1999 01	13.85223	02 36	28.86	+16 56	57.3	19.0	V	910
1999 AF ₂₀	* 1999 01	13.51865	10 06	26.49	+12 41	20.0	20.4	V	691	1999 AR ₂₀	1999 01	13.87683	02 36	29.45	+16 57	00.0	19.3	V	910
1999 AF ₂₀	1999 01	13.53685	10 06	25.84	+12 41	21.4	20.4	V	691	1999 AR ₂₀	1999 01	14.84445	02 36	52.84	+16 58	33.4	19.5	V	910
1999 AF ₂₀	1999 01	15.51310	10 05	11.86	+12 45	00.1	20.0	V	691	1999 AR ₂₀	1999 01	14.86772	02 36	53.39	+16 58	35.8	19.2	V	910
1999 AF ₂₀	1999 01	15.53102	10 05	11.14	+12 45	02.6	19.9	V	691	1999 AR ₂₀	1999 01	14.89084	02 36	53.94	+16 58	38.1	19.4	V	910
1999 AF ₂₀	1999 01	15.54880	10 05	10.40	+12 45	04.3	20.0	V	691	1999 AS ₂₀	* 1999 01	13.83209	02 40	47.15	+16 59	52.4	19.1	V	910
1999 AG ₂₀	* 1999 01	13.51889	10 06	47.30	+12 56	39.0	20.2	V	691	1999 AS ₂₀	1999 01	13.85522	02 40	47.55	+16 59	50.3	19.2	V	910
1999 AG ₂₀	1999 01	13.53710	10 06	46.74	+12 56	39.8	20.1	V	691	1999 AS ₂₀	1999 01	13.87981	02 40	47.99	+16 59	49.1	19.6	V	910
1999 AG ₂₀	1999 01	15.51348	10 05	44.32	+12 58	17.0	20.4	V	691	1999 AS ₂₀	1999 01	14.84736	02						

1999 AZ ₂₀	1999 01	14.12397	02 02 38.68	+18 39 19.3	18.8	704	1999 AJ ₂₁	1999 01	23.80733	07 58 05.47	+16 57 30.1	18.2	120
1999 AA ₂₁	* 1999 01	13.58345	09 43 18.95	+30 53 55.7	17.5	905	1999 AJ ₂₁	1999 01	23.82161	07 58 04.57	+16 57 36.0		120
1999 AA ₂₁	1999 01	13.60029	09 43 17.66	+30 53 55.1		905	1999 AK ₂₁	* 1999 01	14.91403	08 07 11.46	+15 49 34.7	18.0	120
1999 AA ₂₁	1999 01	15.70547	09 40 47.27	+30 54 52.9	16.9 V	385	1999 AK ₂₁	1999 01	14.93432	08 07 10.21	+15 49 44.5		120
1999 AA ₂₁	1999 01	15.71274	09 40 46.71	+30 54 53.1		385	1999 AK ₂₁	1999 01	14.94914	08 07 09.32	+15 49 51.9		120
1999 AA ₂₁	1999 01	15.71652	09 40 46.47	+30 54 52.9		385	1999 AK ₂₁	1999 01	15.81078	08 06 18.36	+15 56 45.2	18.0	120
1999 AA ₂₁	1999 01	16.76209	09 39 29.20	+30 55 10.5	17 V	888	1999 AK ₂₁	1999 01	15.83935	08 06 16.65	+15 56 59.2		120
1999 AA ₂₁	1999 01	16.77904	09 39 27.88	+30 55 10.6		888	1999 AK ₂₁	1999 01	15.86446	08 06 15.11	+15 57 11.4		120
1999 AA ₂₁	1999 01	20.80941	09 34 16.14	+30 55 00.9	17.5 V	888	1999 AK ₂₁	1999 01	16.84185	08 05 16.92	+16 05 02.4	18.0	120
1999 AA ₂₁	1999 01	20.81630	09 34 15.57	+30 55 01.1		888	1999 AK ₂₁	1999 01	16.86588	08 05 15.44	+16 05 13.8		120
1999 AA ₂₁	1999 01	27.67737	09 24 46.52	+30 49 07.1	16.9 V	385	1999 AK ₂₁	1999 01	17.21816	08 04 54.33	+16 08 05.1	17.6 V	691
1999 AA ₂₁	1999 01	27.68634	09 24 45.74	+30 49 06.0		385	1999 AK ₂₁	1999 01	17.23984	08 04 53.00	+16 08 16.3	17.5 V	691
1999 AB ₂₁	* 1999 01	11.13782	02 41 13.73	+11 57 31.5	18.1	704	1999 AK ₂₁	1999 01	17.26138	08 04 51.67	+16 08 26.8	17.7 V	691
1999 AB ₂₁	1999 01	11.14844	02 41 14.10	+11 57 38.4	18.1	704	1999 AK ₂₁	1999 01	17.83398	08 04 17.68	+16 13 01.8	18.2	120
1999 AB ₂₁	1999 01	11.16951	02 41 14.71	+11 57 44.7	18.7	704	1999 AK ₂₁	1999 01	17.85462	08 04 16.42	+16 13 12.1		120
1999 AB ₂₁	1999 01	11.17997	02 41 14.97	+11 57 53.2	18.9	704	1999 AK ₂₁	1999 01	23.80733	07 58 22.21	+17 01 14.3	18.0	120
1999 AB ₂₁	1999 01	14.07780	02 42 55.98	+12 19 00.6	18.5	704	1999 AK ₂₁	1999 01	23.82161	07 58 21.40	+17 01 21.1		120
1999 AB ₂₁	1999 01	14.10083	02 42 56.76	+12 19 08.8	18.5	704	1999 AL ₂₁	* 1999 01	14.91700	08 10 54.36	+17 34 22.9	18.2	120
1999 AB ₂₁	1999 01	14.12380	02 42 57.54	+12 19 19.9	19.2	704	1999 AL ₂₁	1999 01	14.93672	08 10 53.10	+17 34 27.8		120
1999 AB ₂₁	1999 01	14.17020	02 42 59.27	+12 19 42.2	19.0	704	1999 AL ₂₁	1999 01	15.84361	08 09 56.63	+17 38 12.1	18.4	120
1999 AC ₂₁	* 1999 01	13.62956	08 06 24.51	+28 05 04.0	18 V	888	1999 AL ₂₁	1999 01	15.86719	08 09 55.09	+17 38 17.8		120
1999 AC ₂₁	1999 01	13.63543	08 06 24.09	+28 05 03.9		888	1999 AL ₂₁	1999 01	16.86840	08 08 52.22	+17 42 27.5	18.4	120
1999 AC ₂₁	1999 01	14.68721	08 05 07.62	+28 06 09.1	18 V	888	1999 AL ₂₁	1999 01	16.87724	08 08 51.73	+17 42 29.6		120
1999 AC ₂₁	1999 01	14.69223	08 05 07.13	+28 06 09.8		888	1999 AL ₂₁	1999 01	23.81530	08 01 36.29	+18 11 17.4	18.3	120
1999 AC ₂₁	1999 01	16.61240	08 02 47.34	+28 07 47.1	18 V	888	1999 AL ₂₁	1999 01	23.82902	08 01 35.42	+18 11 20.8		120
1999 AC ₂₁	1999 01	16.62578	08 02 46.37	+28 07 48.0		888	1999 AM ₂₁	1999 01	09.85843	08 38 00.88	+16 48 42.7	18.3	120
1999 AC ₂₁	1999 01	20.62306	07 57 54.89	+28 09 37.1	18 V	888	1999 AM ₂₁	1999 01	09.87762	08 37 59.74	+16 48 48.0		120
1999 AC ₂₁	1999 01	20.63270	07 57 54.19	+28 09 37.1		888	1999 AM ₂₁	1999 01	09.93713	08 37 56.29	+16 49 04.6		120
1999 AD ₂₁	* 1999 01	13.65892	08 07 08.00	+27 55 42.2	17.5 V	888	1999 AM ₂₁	* 1999 01	14.95648	08 32 59.31	+17 11 45.4	18.3	120
1999 AD ₂₁	1999 01	13.66729	08 07 07.45	+27 55 43.1		888	1999 AM ₂₁	1999 01	14.97256	08 32 58.24	+17 11 49.7		120
1999 AD ₂₁	1999 01	14.79703	08 05 50.45	+27 58 01.4		888	1999 AM ₂₁	1999 01	15.94980	08 31 58.38	+17 16 22.3	18.5	120
1999 AD ₂₁	1999 01	14.80188	08 05 50.12	+27 58 01.6		888	1999 AM ₂₁	1999 01	15.97337	08 31 57.04	+17 16 28.8		120
1999 AD ₂₁	1999 01	16.63313	08 03 45.30	+28 01 29.1	17.5 V	888	1999 AM ₂₁	1999 01	17.83934	08 30 01.40	+17 25 12.3	18.2	120
1999 AD ₂₁	1999 01	16.63854	08 03 44.89	+28 01 30.0		888	1999 AM ₂₁	1999 01	17.85972	08 30 00.08	+17 25 18.4		120
1999 AD ₂₁	1999 01	20.64013	07 59 10.13	+28 07 28.1	18 V	888	1999 AM ₂₁	1999 01	23.83803	08 23 42.54	+17 53 28.1	18.2	120
1999 AD ₂₁	1999 01	20.64847	07 59 09.52	+28 07 29.3		888	1999 AM ₂₁	1999 01	23.85925	08 23 41.20	+17 53 34.2		120
1999 AE ₂₁	* 1999 01	13.79803	10 40 16.36	+17 35 37.2	18 V	888	1999 AN ₂₁	* 1999 01	14.96419	08 47 30.64	+11 31 12.1	18.1	120
1999 AE ₂₁	1999 01	13.80590	10 40 16.23	+17 35 41.7		888	1999 AN ₂₁	1999 01	14.98236	08 47 29.86	+11 31 16.9		120
1999 AE ₂₁	1999 01	14.77707	10 39 59.03	+17 45 42.3		888	1999 AN ₂₁	1999 01	16.00852	08 46 39.98	+11 35 35.5	18.0	120
1999 AE ₂₁	1999 01	14.78745	10 39 58.88	+17 45 49.6		888	1999 AN ₂₁	1999 01	16.03172	08 46 38.81	+11 35 41.6		120
1999 AE ₂₁	1999 01	16.82120	10 39 16.80	+18 07 18.3	18.5 V	888	1999 AN ₂₁	1999 01	17.84757	08 45 08.97	+11 43 33.8	18.3	120
1999 AE ₂₁	1999 01	16.82580	10 39 16.70	+18 07 21.4		888	1999 AN ₂₁	1999 01	17.86727	08 45 07.87	+11 43 39.5		120
1999 AE ₂₁	1999 01	16.83034	10 39 16.64	+18 07 23.6		888	1999 AN ₂₁	1999 01	20.84377	08 42 36.07	+11 57 14.0	18.2	120
1999 AE ₂₁	1999 01	20.82324	10 37 32.26	+18 51 14.3	18 V	888	1999 AO ₂₁	* 1999 01	14.96419	08 48 57.48	+11 30 51.0	18.3	120
1999 AE ₂₁	1999 01	20.83282	10 37 31.99	+18 51 21.1		888	1999 AO ₂₁	1999 01	14.96892	08 48 57.34	+11 30 51.9		120
1999 AE ₂₁	1999 01	28.78328	10 32 43.70	+20 23 14.9	18 V	888	1999 AO ₂₁	1999 01	14.98690	08 48 56.40	+11 30 58.0		120
1999 AE ₂₁	1999 01	28.79293	10 32 43.34	+20 23 21.2		888	1999 AO ₂₁	1999 01	16.00314	08 48 08.61	+11 35 46.4		120
1999 AF ₂₁	* 1999 01	10.04373	08 47 22.31	+14 20 24.0		120	1999 AO ₂₁	1999 01	16.00852	08 48 08.07	+11 35 47.0	18.2	120
1999 AF ₂₁	1999 01	15.96637	08 42 11.98	+14 36 19.7	18.0	120	1999 AO ₂₁	1999 01	16.02696	08 48 07.38	+11 35 53.5		120
1999 AF ₂₁	1999 01	15.98748	08 42 10.72	+14 36 23.5		120	1999 AO ₂₁	1999 01	16.03172	08 48 06.87	+11 35 52.9		120
1999 AF ₂₁	1999 01	16.95109	08 41 16.36	+14 39 20.4	18.4	120	1999 AO ₂₁	1999 01	16.03403	08 48 06.90	+11 35 53.0		120
1999 AF ₂₁	1999 01	17.84227	08 40 25.22	+14 42 08.2	18.2	120	1999 AO ₂₁	1999 01	17.84757	08 46 38.94	+11 44 52.4	18.5	120
1999 AF ₂₁	1999 01	17.86222	08 40 24.11	+14 42 11.9		120	1999 AO ₂₁	1999 01	17.86727	08 46 38.06	+11 45 00.8		120
1999 AF ₂₁	1999 01	22.84971	08 35 25.58	+14 59 02.2	18.0	120	1999 AO ₂₁	1999 01	20.82936	08 44 07.48	+12 00 34.2	18.5	120
1999 AF ₂₁	1999 01	22.89179	08 35 22.94	+14 59 11.8		120	1999 AO ₂₁	1999 01	20.84377	08 44 06.76	+12 00 39.5		120
1999 AF ₂₁	1999 01	24.77433	08 33 26.90	+15 05 57.9	18.1	120	1999 AP ₂₁	* 1999 01	14.99242	08 49 12.01	+16 16 30.1	18.2	120
1999 AF ₂₁	1999 01	24.79402	08 33 25.68	+15 06 02.5		120	1999 AP ₂₁	1999 01	15.01024	08 49 10.93	+16 16 32.5		120
1999 AF ₂₁	1999 01	24.81779	08 33 24.15	+15 06 07.7		120	1999 AP ₂₁	1999 01	15.95793	08 48 16.59	+16 18 17.0	18.2	120
1999 AF ₂₁	1999 01	25.79161	08 32 23.61	+15 09 42.4	18.1	120	1999 AP ₂₁	1999 01	15.98043	08 48 15.33	+16 18 17.6		120
1999 AF ₂₁	1999 01	25.80237	08 32 22.95	+15 09 45.2		120	1999 AP ₂₁	1999 01	16.93059	08 47 20.25	+16 20 02.2	18.4	120
1999 AF ₂₁	1999 01	25.81903	08 32 21.88	+15 09 48.8		120	1999 AP ₂₁	1999 01	16.94568	08 47 19.32	+16 20 05.1		120
1999 AG ₂₁	* 1999 01	13.92707	08 30 49.54	+16 31 40.5	18.2	120	1999 AP ₂₁	1999 01	19.87666	08 44 25.38	+16 25 41.9	18.2	120
1999 AG ₂₁	1999 01	13.95868	08 30 47.84	+16 31 51.9		120	1999 AP ₂₁	1999 01	19.89374	08 44 24.36	+16 25 43.8		120
1999 AG ₂₁	1999 01	15.94587	08 29 00.22	+16 43 57.9	18.2	120	1999 AP ₂₁	1999 01	20.79464	08 43 29.82	+16 27 29.3	18.4	120
1999 AG ₂₁	1999 01	15.97051	08 28 58.84	+16 44 07.6		120	1999 AP ₂₁	1999 01	20.81872	08 43 28.46	+16 27 32.7		120
1999 AG ₂₁	1999 01	17.83645	08 27 14.33	+16 55 49.8	18.2	120	1999 AQ ₂₁	* 1999 01	14.99242	08 50 56.04	+16 09 42.5	17.8	120
1999 AG ₂₁	1999 01	17.85724	08 27 13.04	+16 55 57.5		120	1999 AQ ₂₁	1999 01	15.01024	08 50 55.04	+16 09 45.9		120
1999 AG ₂₁	1999 01	17.91456	08 27 09.71	+16 56 19.9		120	1999 AQ ₂₁	1999 01	15.95793	08 50 04.16	+16 13 00.6	17.8	120
1999 AG ₂₁	1999 01												

1999 AT ₂₁	1999 01	16.96225	09 53 29.16	+12 35 45.7	18.2	120	1999 AB ₂₂	1999 01	14.92753	08 08 06.25	+59 59 47.9	557
1999 AT ₂₁	1999 01	16.98354	09 53 28.14	+12 35 49.6		120	1999 AB ₂₂	1999 01	14.99157	08 07 57.00	+59 59 41.3	046
1999 AT ₂₁	1999 01	19.90142	09 51 13.97	+12 47 06.1	18.5	120	1999 AB ₂₂	1999 01	14.99312	08 07 56.89	+59 59 40.6	18.4 R 046
1999 AT ₂₁	1999 01	19.96186	09 51 10.80	+12 47 21.1		120	1999 AB ₂₂	1999 01	14.99648	08 07 56.37	+59 59 41.1	046
1999 AT ₂₁	1999 01	23.47519	09 48 09.70	+13 02 29.5	18.1 V	691	1999 AB ₂₂	1999 01	15.00368	08 07 55.35	+59 59 40.7	046
1999 AT ₂₁	1999 01	23.49673	09 48 08.49	+13 02 34.7	18.2 V	691	1999 AB ₂₂	1999 01	17.07590	08 03 07.75	+59 54 01.5	18.5 R 046
1999 AT ₂₁	1999 01	23.52084	09 48 07.14	+13 02 41.2	18.3 V	691	1999 AB ₂₂	1999 01	17.07823	08 03 07.40	+59 54 00.8	046
1999 AU ₂₁	* 1999 01	15.03347	09 53 50.70	+11 43 39.3	18.2	120	1999 AB ₂₂	1999 01	17.08001	08 03 07.09	+59 54 00.8	046
1999 AU ₂₁	1999 01	15.05490	09 53 49.90	+11 43 44.4		120	1999 AB ₂₂	1999 01	17.08176	08 03 06.91	+59 54 00.4	046
1999 AU ₂₁	1999 01	16.05234	09 53 17.47	+11 46 56.5	18.4	120	1999 AB ₂₂	1999 01	17.39230	08 02 24.12	+59 52 56.0	684
1999 AU ₂₁	1999 01	16.07289	09 53 16.59	+11 46 59.1		120	1999 AB ₂₂	1999 01	17.39779	08 02 23.31	+59 52 54.6	684
1999 AU ₂₁	1999 01	16.96448	09 52 46.71	+11 49 56.6	18.5	120	1999 AB ₂₂	1999 01	17.66582	08 01 46.59	+59 51 54.0	18.5 V 402
1999 AU ₂₁	1999 01	16.98647	09 52 46.12	+11 50 01.2		120	1999 AB ₂₂	1999 01	17.66721	08 01 46.44	+59 51 54.1	402
1999 AU ₂₁	1999 01	17.00042	09 52 45.72	+11 50 04.8		120	1999 AB ₂₂	1999 01	17.66860	08 01 46.25	+59 51 53.4	402
1999 AU ₂₁	1999 01	19.90440	09 51 01.65	+12 00 11.6	18.2	120	1999 AB ₂₂	1999 01	17.66999	08 01 46.07	+59 51 53.5	402
1999 AU ₂₁	1999 01	19.96485	09 50 59.33	+12 00 25.4		120	1999 AB ₂₂	1999 01	17.75317	08 01 35.59	+59 51 27.8	557
1999 AV ₂₁	* 1999 01	15.03720	09 52 46.64	+10 00 48.4	17.8	120	1999 AB ₂₂	1999 01	17.78013	08 01 31.81	+59 51 22.0	557
1999 AV ₂₁	1999 01	15.05857	09 52 46.29	+10 00 53.3		120	1999 AC ₂₂	* 1999 01	10.78762	11 00 02.67	+14 23 28.6	327
1999 AV ₂₁	1999 01	15.08000	09 52 45.69	+10 00 58.4		120	1999 AC ₂₂	1999 01	10.81288	11 00 02.57	+14 23 33.2	327
1999 AV ₂₁	1999 01	16.05440	09 52 25.18	+10 04 54.0	17.9	120	1999 AC ₂₂	1999 01	10.83368	11 00 02.55	+14 23 37.0	18.5 327
1999 AV ₂₁	1999 01	16.07533	09 52 24.69	+10 04 59.6		120	1999 AC ₂₂	1999 01	15.89295	10 59 37.57	+14 41 00.8	18.1 327
1999 AV ₂₁	1999 01	16.96872	09 52 04.52	+10 08 46.7	18.0	120	1999 AC ₂₂	1999 01	15.90794	10 59 37.41	+14 41 04.5	327
1999 AV ₂₁	1999 01	16.98884	09 52 04.00	+10 08 51.4		120	1999 AC ₂₂	1999 01	15.92252	10 59 37.22	+14 41 07.4	327
1999 AV ₂₁	1999 01	20.96370	09 50 16.79	+10 27 41.9	17.8	120	1999 AD ₂₂	* 1999 01	11.45510	02 28 12.58	+14 42 01.3	327
1999 AV ₂₁	1999 01	20.99690	09 50 15.70	+10 27 52.4		120	1999 AD ₂₂	1999 01	11.47520	02 28 13.32	+14 42 14.9	327
1999 AW ₂₁	* 1999 01	15.03966	09 55 13.24	+09 01 26.3	18.0	120	1999 AD ₂₂	1999 01	11.49500	02 28 14.07	+14 42 28.1	18.9 327
1999 AW ₂₁	1999 01	15.06042	09 55 12.63	+09 01 33.7		120	1999 AD ₂₂	1999 01	14.46588	02 30 21.38	+15 16 11.2	327
1999 AW ₂₁	1999 01	15.08192	09 55 11.87	+09 01 40.7		120	1999 AD ₂₂	1999 01	14.48069	02 30 22.06	+15 16 21.7	19.2 327
1999 AW ₂₁	1999 01	16.05661	09 54 42.64	+09 07 33.9	18.2	120	1999 AD ₂₂	1999 01	14.49605	02 30 22.66	+15 16 32.1	327
1999 AW ₂₁	1999 01	16.07793	09 54 41.43	+09 07 41.8		120	1999 AD ₂₂	1999 01	16.42509	02 31 53.63	+15 38 28.9	327
1999 AW ₂₁	1999 01	16.97122	09 54 13.86	+09 13 16.9	18.3	120	1999 AD ₂₂	1999 01	16.44512	02 31 54.68	+15 38 42.3	19.0 327
1999 AW ₂₁	1999 01	20.96637	09 51 51.12	+09 40 16.5	18.2	120	1999 AD ₂₂	1999 01	16.45578	02 31 55.10	+15 38 50.3	327
1999 AW ₂₁	1999 01	20.99974	09 51 49.66	+09 40 31.3		120	1999 AE ₂₂	* 1999 01	11.45510	02 28 12.95	+14 34 07.1	327
1999 AX ₂₁	* 1999 01	15.04170	09 53 10.28	+08 23 56.3	18.2	120	1999 AE ₂₂	1999 01	11.47520	02 28 13.67	+14 33 57.9	18.4 327
1999 AX ₂₁	1999 01	15.06240	09 53 09.57	+08 23 57.8		120	1999 AE ₂₂	1999 01	11.49500	02 28 14.45	+14 33 50.0	327
1999 AX ₂₁	1999 01	15.08369	09 53 08.75	+08 23 56.8		120	1999 AE ₂₂	1999 01	14.46106	02 30 17.80	+14 12 39.7	19.2 327
1999 AX ₂₁	1999 01	16.05876	09 52 32.24	+08 24 13.2	18.1	120	1999 AE ₂₂	1999 01	14.47587	02 30 18.43	+14 12 33.5	327
1999 AX ₂₁	1999 01	16.08032	09 52 31.22	+08 24 13.8		120	1999 AE ₂₂	1999 01	14.49131	02 30 19.03	+14 12 27.9	327
1999 AX ₂₁	1999 01	16.97398	09 51 56.48	+08 24 36.5	18.0	120	1999 AF ₂₂	* 1999 01	13.70525	07 58 48.78	+14 11 25.6	17.9 327
1999 AX ₂₁	1999 01	16.99390	09 51 55.64	+08 24 37.5		120	1999 AF ₂₂	1999 01	13.72479	07 58 47.53	+14 11 27.5	327
1999 AX ₂₁	1999 01	20.96858	09 49 04.33	+08 27 49.0	18.0	120	1999 AF ₂₂	1999 01	13.74591	07 58 46.29	+14 11 29.8	327
1999 AX ₂₁	1999 01	21.00189	09 49 02.80	+08 27 51.5		120	1999 AF ₂₂	1999 01	14.62522	07 57 53.61	+14 12 59.0	327
1999 AY ₂₁	* 1999 01	15.04516	09 53 53.65	+06 42 15.9	18.4	120	1999 AF ₂₂	1999 01	14.63469	07 57 53.03	+14 13 00.8	327
1999 AY ₂₁	1999 01	15.06668	09 53 52.94	+06 42 17.8		120	1999 AF ₂₂	1999 01	14.64598	07 57 52.30	+14 13 01.0	18.3 327
1999 AY ₂₁	1999 01	15.08748	09 53 52.35	+06 42 18.9		120	1999 AG ₂₂	* 1999 01	13.75557	07 58 14.31	+17 11 12.0	17.8 327
1999 AY ₂₁	1999 01	16.08506	09 53 24.57	+06 44 17.5	18.3	120	1999 AG ₂₂	1999 01	13.77521	07 58 12.95	+17 11 15.6	327
1999 AY ₂₁	1999 01	24.99822	09 48 25.73	+07 08 06.7	18.6	120	1999 AG ₂₂	1999 01	13.79579	07 58 11.55	+17 11 19.2	327
1999 AY ₂₁	1999 01	25.02329	09 48 24.69	+07 08 11.5		120	1999 AG ₂₂	1999 01	15.77921	07 55 59.45	+17 17 38.2	17.6 327
1999 AY ₂₁	1999 01	27.98176	09 46 28.30	+07 18 24.0	18.4	120	1999 AG ₂₂	1999 01	15.79348	07 55 58.47	+17 17 41.0	327
1999 AY ₂₁	1999 01	28.00197	09 46 27.53	+07 18 28.6		120	1999 AG ₂₂	1999 01	15.80784	07 55 57.49	+17 17 43.1	327
1999 AZ ₂₁	* 1999 01	15.04516	09 54 47.69	+07 06 21.1	18.0	120	1999 AG ₂₂	1999 01	18.33811	07 53 09.26	+17 25 55.4	18.4 704
1999 AZ ₂₁	1999 01	15.06668	09 54 46.90	+07 06 19.7		120	1999 AG ₂₂	1999 01	18.36120	07 53 07.53	+17 26 00.3	19.0 704
1999 AZ ₂₁	1999 01	15.08748	09 54 46.02	+07 06 18.7		120	1999 AG ₂₂	1999 01	18.38326	07 53 06.12	+17 26 04.2	19.0 704
1999 AZ ₂₁	1999 01	15.34748	09 54 37.07	+07 06 05.1	17.4 R	699	1999 AH ₂₂	* 1999 01	13.75557	07 58 43.91	+17 01 16.7	17.5 327
1999 AZ ₂₁	1999 01	15.37303	09 54 36.04	+07 06 03.9		699	1999 AH ₂₂	1999 01	13.77521	07 58 42.59	+17 01 20.8	327
1999 AZ ₂₁	1999 01	15.39855	09 54 35.06	+07 06 02.9		699	1999 AH ₂₂	1999 01	13.79579	07 58 41.19	+17 01 25.5	327
1999 AZ ₂₁	1999 01	16.06179	09 54 10.64	+07 05 27.6	18.0	120	1999 AH ₂₂	1999 01	15.77921	07 56 31.66	+17 08 44.9	327
1999 AZ ₂₁	1999 01	16.08274	09 54 09.88	+07 05 26.6		120	1999 AH ₂₂	1999 01	15.79348	07 56 30.65	+17 08 47.8	17.2 327
1999 AZ ₂₁	1999 01	16.97626	09 53 35.93	+07 04 48.6	18.3	120	1999 AH ₂₂	1999 01	15.80784	07 56 29.66	+17 08 51.1	327
1999 AZ ₂₁	1999 01	16.99625	09 53 35.13	+07 04 49.3		120	1999 AJ ₂₂	* 1999 01	13.82094	11 15 16.48	+17 28 53.1	19.3 327
1999 AZ ₂₁	1999 01	19.90682	09 51 34.00	+07 03 56.5	18.0	120	1999 AJ ₂₂	1999 01	13.84083	11 15 16.60	+17 28 58.3	327
1999 AZ ₂₁	1999 01	20.05804	09 51 27.00	+07 03 57.4		120	1999 AJ ₂₂	1999 01	13.86071	11 15 16.63	+17 29 04.0	327
1999 AZ ₂₁	1999 01	20.06129	09 51 26.81	+07 03 57.0		120	1999 AJ ₂₂	1999 01	15.90307	11 15 24.68	+17 39 04.4	19.4 327
1999 AZ ₂₁	1999 01	20.06432	09 51 26.65	+07 03 56.9		120	1999 AJ ₂₂	1999 01	15.91767	11 15 24.70	+17 39 09.1	327
1999 AZ ₂₁	1999 01	20.08141	09 51 25.85	+07 03 57.3		120	1999 AJ ₂₂	1999 01	15.93242	11 15 24.68	+17 39 13.5	327
1999 AZ ₂₁	1999 01	20.97123	09 50 45.83	+07 04 02.9	18.1	120	1999 AK ₂₂	* 1999 01	14.62056	07 56 30.30	+13 48 24.8	327
1999 AZ ₂₁	1999 01	21.00391	09 50 44.23	+07 04 03.5		120	1999 AK ₂₂	1999 01	14.62522	07 56 29.96	+13 48 25.2	327
1999 AZ ₂₁	1999 01	24.99822	09 47 28.47	+07 06 23.2	18.1	120	1999 AK ₂₂	1999 01	14.62994	07 56 29.70	+13 48 26.9	18.6 327
1999 AZ ₂₁	1999 01	25.02329	09 47 27.09	+07 06 24.8		120	1999 AK ₂₂	1999 01	14.63469	07 56 29.42	+13 48 28.2	18.5 327
1999 AZ ₂₁	1999 01	26.00059	09 46 35.83	+07 07 25.4	18.1	120	1999 AK ₂₂	1999 01	14.63940	07 56 29.04	+13 48 30.5	327
1999 AZ												

1999 AO ₂₂	1999 01	15.83572	11 43 36.14	+28 47 42.3	19.6	327	1999 AB ₂₃	1999 01	16.58994	10 54 46.97	+20 14 15.8	411
1999 AO ₂₂	1999 01	15.85642	11 43 36.16	+28 47 57.3		327	1999 AB ₂₃	1999 01	16.59718	10 54 46.96	+20 14 19.5	411
1999 AP ₂₂	* 1999 01	14.79618	11 44 12.67	+28 42 23.7	18.7	327	1999 AC ₂₃	* 1999 01	14.91403	08 06 51.29	+15 41 11.7	18.4
1999 AP ₂₂	1999 01	14.80174	11 44 12.59	+28 42 25.8		327	1999 AC ₂₃	1999 01	14.93432	08 06 50.48	+15 41 19.5	120
1999 AP ₂₂	1999 01	14.81098	11 44 12.47	+28 42 28.8		327	1999 AC ₂₃	1999 01	14.94914	08 06 49.57	+15 41 22.9	120
1999 AP ₂₂	1999 01	15.81457	11 43 59.35	+28 48 36.5	19.3	327	1999 AC ₂₃	1999 01	16.84185	08 05 18.99	+15 50 54.6	18.6
1999 AP ₂₂	1999 01	15.83572	11 43 59.08	+28 48 44.4		327	1999 AC ₂₃	1999 01	16.86588	08 05 17.85	+15 51 01.5	120
1999 AP ₂₂	1999 01	15.85642	11 43 58.73	+28 48 51.5		327	1999 AC ₂₃	1999 01	17.83398	08 04 31.31	+15 55 57.5	18.6
1999 AQ ₂₂	* 1999 01	14.81926	11 13 49.15	+29 15 31.6		327	1999 AC ₂₃	1999 01	17.85462	08 04 30.36	+15 56 04.0	120
1999 AQ ₂₂	1999 01	14.82450	11 13 49.50	+29 15 36.4		327	1999 AC ₂₃	1999 01	19.84569	08 02 54.14	+16 06 15.5	18.8
1999 AQ ₂₂	1999 01	14.82983	11 13 49.68	+29 15 40.8	18.1	327	1999 AC ₂₃	1999 01	19.85639	08 02 53.80	+16 06 18.6	120
1999 AQ ₂₂	1999 01	15.83036	11 14 29.04	+29 28 42.0	18.2	327	1999 AC ₂₃	1999 01	20.76193	08 02 09.79	+16 10 58.2	18.7
1999 AQ ₂₂	1999 01	15.85112	11 14 29.76	+29 28 58.3		327	1999 AC ₂₃	1999 01	20.78081	08 02 08.94	+16 11 04.0	120
1999 AQ ₂₂	1999 01	15.87189	11 14 30.49	+29 29 14.7		327	1999 AC ₂₃	1999 01	21.85039	08 01 17.08	+16 16 35.9	18.8
1999 AQ ₂₂	1999 01	16.83642	11 15 06.52	+29 41 59.5	18.0	327	1999 AC ₂₃	1999 01	21.87551	08 01 15.83	+16 16 42.9	120
1999 AQ ₂₂	1999 01	16.85255	11 15 07.09	+29 42 12.1		327	1999 AD ₂₃	* 1999 01	02.13071	00 50 17.26	+14 27 46.2	17.8 R
1999 AQ ₂₂	1999 01	16.86803	11 15 07.58	+29 42 24.2		327	1999 AD ₂₃	1999 01	02.15623	00 50 19.73	+14 27 50.1	699
1999 AQ ₂₂	1999 01	18.80302	11 16 14.01	+30 08 30.1	18.1	327	1999 AD ₂₃	1999 01	02.18185	00 50 22.14	+14 27 52.3	699
1999 AQ ₂₂	1999 01	18.82039	11 16 14.50	+30 08 44.0		327	1999 AD ₂₃	1999 01	05.08300	00 55 04.14	+14 34 46.8	18.0 R
1999 AQ ₂₂	1999 01	18.83817	11 16 15.04	+30 08 58.9		327	1999 AD ₂₃	1999 01	05.10338	00 55 06.10	+14 34 51.0	699
1999 AQ ₂₂	1999 01	26.73753	11 19 21.89	+32 01 08.3	17.9	327	1999 AD ₂₃	1999 01	05.12375	00 55 08.09	+14 34 53.7	699
1999 AQ ₂₂	1999 01	26.74565	11 19 22.00	+32 01 16.0		327	1999 AE ₂₃	* 1999 01	08.15912	02 41 53.50	+23 37 15.1	17.2 R
1999 AQ ₂₂	1999 01	26.75372	11 19 22.07	+32 01 23.4		327	1999 AE ₂₃	1999 01	08.18455	02 41 53.90	+23 37 08.7	699
1999 AR ₂₂	* 1999 01	14.83580	11 49 14.79	+27 35 45.2	18.8	327	1999 AE ₂₃	1999 01	08.20998	02 41 54.33	+23 37 03.4	699
1999 AR ₂₂	1999 01	14.84137	11 49 14.86	+27 35 47.7		327	1999 AE ₂₃	1999 01	15.15869	02 44 28.84	+23 12 57.4	17.3 R
1999 AR ₂₂	1999 01	14.84727	11 49 14.94	+27 35 50.1		327	1999 AE ₂₃	1999 01	15.17395	02 44 29.21	+23 12 55.1	699
1999 AR ₂₂	1999 01	15.81931	11 49 24.03	+27 42 30.8	19.3	327	1999 AE ₂₃	1999 01	15.18920	02 44 29.61	+23 12 52.6	699
1999 AR ₂₂	1999 01	15.84050	11 49 24.16	+27 42 38.9		327	1999 AF ₂₃	* 1999 01	08.17437	02 44 03.53	+26 45 27.0	18.2 R
1999 AR ₂₂	1999 01	15.86145	11 49 24.32	+27 42 47.6		327	1999 AF ₂₃	1999 01	08.19980	02 44 03.82	+26 45 24.6	699
1999 AS ₂₂	* 1999 01	14.90164	11 00 24.22	+29 55 40.5	19.3	327	1999 AF ₂₃	1999 01	08.22676	02 44 04.13	+26 45 23.1	699
1999 AS ₂₂	1999 01	14.90691	11 00 24.15	+29 55 43.1		327	1999 AF ₂₃	1999 01	15.14852	02 46 30.17	+26 40 47.0	18.8 R
1999 AS ₂₂	1999 01	14.91215	11 00 24.04	+29 55 46.1		327	1999 AF ₂₃	1999 01	15.16377	02 46 30.63	+26 40 47.8	699
1999 AS ₂₂	1999 01	15.87744	11 00 11.58	+30 04 19.8	19.4	327	1999 AF ₂₃	1999 01	15.17903	02 46 31.05	+26 40 47.7	699
1999 AS ₂₂	1999 01	15.88274	11 00 11.53	+30 04 22.5		327	1999 AG ₂₃	* 1999 01	09.12778	02 40 49.40	+30 25 54.9	17.0 R
1999 AS ₂₂	1999 01	15.88800	11 00 11.46	+30 04 25.3		327	1999 AG ₂₃	1999 01	09.14816	02 40 49.93	+30 25 45.5	699
1999 AS ₂₂	1999 01	16.82635	10 59 57.79	+30 12 49.5	19.4	327	1999 AG ₂₃	1999 01	09.17035	02 40 50.68	+30 25 35.1	699
1999 AS ₂₂	1999 01	16.84190	10 59 57.47	+30 12 56.9		327	1999 AG ₂₃	1999 01	15.14726	02 44 25.85	+29 41 31.7	17.1 R
1999 AS ₂₂	1999 01	16.85807	10 59 57.28	+30 13 05.6		327	1999 AG ₂₃	1999 01	15.16250	02 44 26.44	+29 41 25.1	699
1999 AT ₂₂	* 1999 01	06.75720	08 04 35.11	+14 33 05.5		327	1999 AG ₂₃	1999 01	15.17775	02 44 27.02	+29 41 20.4	699
1999 AT ₂₂	1999 01	06.77848	08 04 33.80	+14 33 05.7	16.7	327	1999 AH ₂₃	* 1999 01	10.20231	03 20 09.45	+12 06 54.7	16.5 R
1999 AT ₂₂	1999 01	06.79921	08 04 32.48	+14 33 06.6		327	1999 AH ₂₃	1999 01	10.23118	03 20 09.58	+12 07 11.8	699
1999 AT ₂₂	1999 01	13.70056	07 57 30.09	+14 43 23.5		327	1999 AH ₂₃	1999 01	10.25667	03 20 09.71	+12 07 27.4	699
1999 AT ₂₂	1999 01	13.70525	07 57 29.81	+14 43 24.7	17.6	327	1999 AH ₂₃	1999 01	15.09537	03 21 02.77	+12 56 03.3	16.4 R
1999 AT ₂₂	1999 01	13.72009	07 57 28.80	+14 43 25.8	17.5	327	1999 AH ₂₃	1999 01	15.11064	03 21 02.97	+12 56 12.4	699
1999 AT ₂₂	1999 01	13.72479	07 57 28.54	+14 43 26.6		327	1999 AH ₂₃	1999 01	15.12590	03 21 03.22	+12 56 21.9	699
1999 AT ₂₂	1999 01	13.73962	07 57 27.54	+14 43 27.7		327	1999 AJ ₂₃	* 1999 01	10.20726	03 38 59.96	+11 01 59.9	18.6 R
1999 AT ₂₂	1999 01	13.74591	07 57 27.15	+14 43 28.8		327	1999 AJ ₂₃	1999 01	10.23501	03 38 59.83	+11 02 10.1	699
1999 AT ₂₂	1999 01	15.77442	07 55 19.21	+14 47 12.3	17.3	327	1999 AJ ₂₃	1999 01	10.26049	03 38 59.74	+11 02 18.9	699
1999 AT ₂₂	1999 01	15.78870	07 55 18.27	+14 47 13.6		327	1999 AJ ₂₃	1999 01	15.09918	03 39 01.85	+11 30 29.2	18.7 R
1999 AT ₂₂	1999 01	15.80299	07 55 17.34	+14 47 15.3		327	1999 AJ ₂₃	1999 01	15.11446	03 39 01.77	+11 30 35.2	699
1999 AT ₂₂	1999 01	17.72535	07 53 16.13	+14 51 02.7	17.9	327	1999 AJ ₂₃	1999 01	15.12972	03 39 01.93	+11 30 40.7	699
1999 AT ₂₂	1999 01	17.74042	07 53 15.12	+14 51 04.3		327	1999 AK ₂₃	* 1999 01	10.21743	04 10 57.08	+10 10 00.5	17.6 R
1999 AT ₂₂	1999 01	17.75481	07 53 14.19	+14 51 05.9		327	1999 AK ₂₃	1999 01	10.24520	04 10 56.98	+10 10 09.9	699
1999 AU ₂₂	* 1999 01	12.64976	07 13 27.00	+20 01 20.1	17.9	327	1999 AK ₂₃	1999 01	10.27069	04 10 56.89	+10 10 19.2	699
1999 AU ₂₂	1999 01	12.66957	07 13 25.82	+20 01 26.4		327	1999 AK ₂₃	1999 01	14.18184	04 11 10.29	+10 33 23.4	18.2 R
1999 AU ₂₂	1999 01	12.68973	07 13 24.61	+20 01 32.5		327	1999 AK ₂₃	1999 01	14.19968	04 11 10.41	+10 33 30.0	699
1999 AU ₂₂	1999 01	13.63500	07 12 31.03	+20 06 26.2	18.0	327	1999 AK ₂₃	1999 01	14.21752	04 11 10.44	+10 33 36.4	699
1999 AU ₂₂	1999 01	13.66300	07 12 29.53	+20 06 34.3		327	1999 AL ₂₃	* 1999 01	10.22254	03 50 26.81	+08 57 22.1	16.8 R
1999 AU ₂₂	1999 01	13.67999	07 12 28.39	+20 06 40.3		327	1999 AL ₂₃	1999 01	10.25030	03 50 26.69	+08 57 33.2	699
1999 AV ₂₂	* 1999 01	14.85980	08 10 09.92	+14 01 24.5	18.5 V	104	1999 AL ₂₃	1999 01	10.27582	03 50 26.67	+08 57 41.8	699
1999 AV ₂₂	1999 01	14.86493	08 10 09.62	+14 01 26.3		104	1999 AL ₂₃	1999 01	15.08900	03 50 46.17	+09 28 15.2	17.2 R
1999 AV ₂₂	1999 01	14.86979	08 10 09.24	+14 01 27.8		104	1999 AL ₂₃	1999 01	15.10427	03 50 46.31	+09 28 21.1	699
1999 AV ₂₂	1999 01	14.88160	08 10 08.52	+14 01 30.1		104	1999 AL ₂₃	1999 01	15.11954	03 50 46.42	+09 28 27.5	699
1999 AV ₂₂	1999 01	15.77014	08 09 12.06	+14 05 30.0	18.6 V	104	1999 AM ₂₃	* 1999 01	10.22254	03 51 18.15	+08 46 28.7	699
1999 AV ₂₂	1999 01	15.77604	08 09 11.70	+14 05 31.5		104	1999 AM ₂₃	1999 01	10.25030	03 51 17.65	+08 46 39.8	699
1999 AV ₂₂	1999 01	15.78160	08 09 11.34	+14 05 32.9		104	1999 AM ₂₃	1999 01	10.27582	03 51 17.18	+08 46 48.9	699
1999 AV ₂₂	1999 01	18.76053	08 05 59.84	+14 19 16.2	18.6 V	104	1999 AM ₂₃	1999 01	15.08900	03 50 21.27	+09 18 49.7	17.6 R
1999 AV ₂₂	1999 01	18.76539	08 05 59.51	+14 19 17.5		104	1999 AM ₂₃	1999 01	15.10427	03 50 21.14	+09 18 55.9	699
1999 AV ₂₂	1999 01	18.77014	08 05 59.20	+14 19 19.0		104	1999 AM ₂₃	1999 01	15.11954	03 50 20.99	+09 19 02.5	699
1999 AV ₂₂	1999 01	19.83681	08 04 50.29	+14 24 20.8	18.5 V	104	1999 AN ₂₃	* 1999 01	10.22863	03 15 35.39	+09 45 43.6	17.7 R
1999 AV ₂₂	1999 01	19.84051	08 04 50.04	+14 24 22.0		104	1999 AN ₂₃	1999 01	10.25412			

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1999 AT ₂₃	1999 01	14.52738	11 06 37.27	+06 39 06.4	699	1999 AF ₂₄	* 1999 01	15.80333	05 48 34.23	+17 53 34.4	108
1999 AT ₂₃	1999 01	14.54271	11 06 37.27	+06 39 06.4	699	1999 AF ₂₄	1999 01	15.80906	05 48 33.92	+17 53 35.7	108
1999 AT ₂₃	1999 01	15.49935	11 06 50.06	+06 55 02.1	17.3 R	1999 AF ₂₄	1999 01	15.81473	05 48 33.68	+17 53 37.1	108
1999 AT ₂₃	1999 01	15.51468	11 06 50.21	+06 55 17.0	699	1999 AF ₂₄	1999 01	15.82549	05 48 33.22	+17 53 40.5	17.8 V
1999 AT ₂₃	1999 01	15.52999	11 06 50.31	+06 55 32.8	699	1999 AF ₂₄	1999 01	18.73361	05 46 24.38	+18 07 40.7	17.5 V
1999 AU ₂₃	* 1999 01	09.18867	02 16 53.42	+37 25 22.4	19.2	1999 AF ₂₄	1999 01	18.73615	05 46 24.31	+18 07 41.9	104
1999 AU ₂₃	1999 01	09.19222	02 16 56.08	+37 25 04.4	19.3	1999 AF ₂₄	1999 01	18.73937	05 46 24.27	+18 07 41.5	108
1999 AU ₂₃	1999 01	09.20982	02 16 58.89	+37 24 50.9	19.6	1999 AF ₂₄	1999 01	18.74225	05 46 24.01	+18 07 44.0	104
1999 AU ₂₃	1999 01	09.22048	02 17 01.67	+37 24 32.8	19.0	1999 AF ₂₄	1999 01	18.74583	05 46 23.83	+18 07 45.0	104
1999 AU ₂₃	1999 01	13.84306	02 37 02.77	+35 27 54.1	587	1999 AF ₂₄	1999 01	18.74586	05 46 24.01	+18 07 44.1	108
1999 AU ₂₃	1999 01	13.85155	02 37 04.86	+35 27 41.4	587	1999 AF ₂₄	1999 01	18.76137	05 46 23.17	+18 07 48.0	17.5 V
1999 AU ₂₃	1999 01	13.85713	02 37 06.11	+35 27 31.6	118	1999 AF ₂₄	1999 01	18.78682	05 46 22.20	+18 07 55.4	108
1999 AU ₂₃	1999 01	13.87125	02 37 09.79	+35 27 08.4	118	1999 AF ₂₄	1999 01	18.79991	05 46 21.63	+18 07 59.2	17.5 V
1999 AU ₂₃	1999 01	13.87530	02 37 10.85	+35 27 03.1	118	1999 AF ₂₄	1999 01	19.74149	05 45 42.64	+18 12 33.2	108
1999 AU ₂₃	1999 01	16.72199	02 49 00.15	+34 16 16.3	557	1999 AF ₂₄	1999 01	19.74763	05 45 42.47	+18 12 33.6	108
1999 AU ₂₃	1999 01	16.72361	02 49 00.60	+34 16 13.4	S	1999 AF ₂₄	1999 01	19.75334	05 45 42.24	+18 12 35.3	108
1999 AU ₂₃	1999 01	17.70066	02 52 58.53	+33 52 12.9	557	1999 AF ₂₄	1999 01	19.76107	05 45 41.91	+18 12 38.7	17.5 V
1999 AU ₂₃	1999 01	17.70194	02 52 58.81	+33 52 11.3	557	1999 AF ₂₄	1999 01	20.75668	05 45 02.06	+18 17 31.4	108
1999 AU ₂₃	1999 01	17.70323	02 52 59.13	+33 52 08.4	557	1999 AF ₂₄	1999 01	20.76224	05 45 01.88	+18 17 32.1	108
1999 AU ₂₃	1999 01	17.70451	02 52 59.50	+33 52 08.3	557	1999 AF ₂₄	1999 01	20.76707	05 45 01.66	+18 17 33.2	108
1999 AU ₂₃	1999 01	17.70708	02 53 00.19	+33 52 02.1	19.3 V	1999 AF ₂₄	1999 01	20.77477	05 45 01.31	+18 17 35.2	17.8 V
1999 AU ₂₃	1999 01	17.83760	02 53 30.99	+33 48 53.8	18.4 R F	1999 AF ₂₄	1999 01	21.81922	05 44 21.33	+18 22 39.7	108
1999 AU ₂₃	1999 01	17.83909	02 53 31.68	+33 48 52.8	F	1999 AF ₂₄	1999 01	21.82477	05 44 21.04	+18 22 41.1	108
1999 AU ₂₃	1999 01	18.53625	02 56 19.11	+33 31 49.1	18.6 V	1999 AF ₂₄	1999 01	21.82975	05 44 20.88	+18 22 42.4	108
1999 AU ₂₃	1999 01	18.53786	02 56 19.62	+33 31 47.3	402	1999 AF ₂₄	1999 01	21.83530	05 44 20.69	+18 22 43.8	17.6 V
1999 AU ₂₃	1999 01	18.53947	02 56 19.99	+33 31 45.1	402	1999 AG ₂₄	* 1999 01	20.26464	08 33 09.97	+19 30 49.5	17.9
1999 AU ₂₃	1999 01	18.54108	02 56 20.28	+33 31 42.6	402	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AU ₂₃	1999 01	19.73339	03 01 04.97	+33 02 51.1	046	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AU ₂₃	1999 01	19.73574	03 01 05.52	+33 02 46.7	17.7 R	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AU ₂₃	1999 01	19.73791	03 01 06.03	+33 02 43.9	046	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AU ₂₃	1999 01	19.74185	03 01 06.91	+33 02 38.4	046	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AU ₂₃	1999 01	20.85364	03 05 27.70	+32 36 01.2	587	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AU ₂₃	1999 01	20.86094	03 05 29.38	+32 35 51.3	587	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AU ₂₃	1999 01	22.42982	03 11 32.69	+31 58 51.2	402	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AU ₂₃	1999 01	22.43120	03 11 32.99	+31 58 49.4	402	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AU ₂₃	1999 01	22.43398	03 11 33.62	+31 58 44.5	402	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AV ₂₃	* 1999 01	12.94020	08 00 32.07	+21 32 48.9	557	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AV ₂₃	1999 01	12.94414	08 00 31.80	+21 32 50.9	557	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AV ₂₃	1999 01	12.94612	08 00 31.66	+21 32 50.9	557	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AV ₂₃	1999 01	12.94810	08 00 31.52	+21 32 51.6	557	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AV ₂₃	1999 01	17.83422	07 55 22.30	+21 58 57.5	557	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AV ₂₃	1999 01	17.85013	07 55 21.26	+21 59 02.6	557	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AW ₂₃	* 1999 01	11.76451	10 55 47.79	+14 55 16.7	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AW ₂₃	1999 01	11.77477	10 55 47.89	+14 55 21.1	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AW ₂₃	1999 01	11.78545	10 55 47.97	+14 55 25.2	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AW ₂₃	1999 01	16.79646	10 56 06.24	+15 32 36.4	18.5	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AW ₂₃	1999 01	16.80667	10 56 06.21	+15 32 41.2	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AW ₂₃	1999 01	16.81667	10 56 06.18	+15 32 46.3	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AX ₂₃	* 1999 01	13.75557	07 57 00.32	+17 05 07.1	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AX ₂₃	1999 01	13.77521	07 56 59.15	+17 05 14.3	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AX ₂₃	1999 01	13.79579	07 56 57.93	+17 05 20.9	18.3	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AX ₂₃	1999 01	16.70512	07 54 05.68	+17 22 11.7	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AX ₂₃	1999 01	16.70968	07 54 05.40	+17 22 13.4	18.4	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AX ₂₃	1999 01	16.71422	07 54 05.09	+17 22 15.7	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AY ₂₃	* 1999 01	14.90164	11 01 38.87	+30 00 25.0	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AY ₂₃	1999 01	14.90691	11 01 38.87	+30 00 28.5	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AY ₂₃	1999 01	14.91215	11 01 38.72	+30 00 31.1	19.3	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AY ₂₃	1999 01	16.82635	11 01 14.75	+30 17 18.1	19.4	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AY ₂₃	1999 01	16.84190	11 01 14.54	+30 17 25.9	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AY ₂₃	1999 01	16.85807	11 01 14.30	+30 17 35.3	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	* 1999 01	14.90164	11 02 12.53	+29 07 48.8	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	14.90691	11 02 12.50	+29 07 51.0	17.5	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	14.91215	11 02 12.50	+29 07 53.2	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	16.83102	11 02 01.96	+29 21 42.0	17.4	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	16.84723	11 02 01.79	+29 21 49.0	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	16.86280	11 02 01.65	+29 21 56.0	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	22.89131	11 00 33.25	+30 06 38.1	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	22.90366	11 00 32.97	+30 06 43.7	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	22.91613	11 00 32.68	+30 06 49.3	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	22.92851	11 00 32.38	+30 06 54.3	17.2	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	26.71522	10 58 55.77	+30 35 16.2	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	26.72431	10 58 55.48	+30 35 20.1	17.1	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
1999 AZ ₂₃	1999 01	26.73336	10 58 55.18	+30 35 24.5	327	1999 AG ₂₄	1999 01	20.29252	08 33 08.67	+19 30 53.7	17.9
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1999 AR ₂₄	1999 01	19.13958	10 53 40.12	+08 14 54.7	19.6 V	910	1999 AG ₂₅	1999 01	15.23866	12 14 41.26	+00 11 18.9	19.8 V	910
1999 AR ₂₄	1999 01	19.16293	10 53 39.40	+08 14 55.5	19.7 V	910	1999 AG ₂₅	1999 01	19.18690	12 16 00.21	-00 03 53.1	20.0 V	910
1999 AR ₂₄	1999 01	21.03108	10 52 42.02	+08 16 29.0	19.6 V	910	1999 AG ₂₅	1999 01	19.20257	12 16 00.49	-00 03 56.7	20.2 V	910
1999 AR ₂₄	1999 01	21.05537	10 52 41.21	+08 16 30.3	19.6 V	910	1999 AG ₂₅	1999 01	19.21849	12 16 00.73	-00 04 00.2	19.9 V	910
1999 AR ₂₄	1999 01	21.08422	10 52 40.25	+08 16 31.9	19.4 V	910	1999 AG ₂₅	1999 01	22.12315	12 16 42.97	-00 13 45.7	19.9 V	910
1999 AR ₂₄	1999 01	23.01741	10 51 35.32	+08 18 34.3	19.4 V	910	1999 AG ₂₅	1999 01	22.14698	12 16 43.22	-00 13 40.4	20.0 V	910
1999 AR ₂₄	1999 01	23.04468	10 51 34.32	+08 18 36.4	19.5 V	910	1999 AG ₂₅	1999 01	22.17067	12 16 43.47	-00 13 54.9	20.1 V	910
1999 AR ₂₄	1999 01	23.06980	10 51 33.42	+08 18 38.2	19.1 V	910	1999 AH ₂₅	* 1999 01	15.20753	12 16 49.96	+00 17 31.8	20.8 V	910
1999 AS ₂₄	* 1999 01	15.04202	10 57 29.21	+07 55 23.8	19.3 V	910	1999 AH ₂₅	1999 01	15.22413	12 16 50.26	+00 17 30.7	20.7 V	910
1999 AS ₂₄	1999 01	15.06705	10 57 28.79	+07 55 23.4	19.1 V	910	1999 AH ₂₅	1999 01	15.24016	12 16 50.56	+00 17 29.9	20.9 V	910
1999 AS ₂₄	1999 01	15.09043	10 57 28.37	+07 55 22.5	18.9 V	910	1999 AH ₂₅	1999 01	19.18830	12 18 01.36	+00 15 10.7	20.4 V	910
1999 AS ₂₄	1999 01	15.13168	10 57 27.61	+07 55 21.1	19.0 V	910	1999 AH ₂₅	1999 01	19.20397	12 18 01.59	+00 15 10.6	20.3 V	910
1999 AS ₂₄	1999 01	15.15637	10 57 27.16	+07 55 20.1	19.1 V	910	1999 AH ₂₅	1999 01	19.21989	12 18 01.81	+00 15 10.0	20.4 V	910
1999 AS ₂₄	1999 01	15.18772	10 57 26.59	+07 55 18.9	19.2 V	910	1999 AJ ₂₅	* 1999 01	15.20764	12 16 59.31	+00 13 57.1	21.1 V	910
1999 AS ₂₄	1999 01	19.11831	10 56 07.32	+07 54 06.9	19.3 V	910	1999 AJ ₂₅	1999 01	15.22424	12 16 59.90	+00 13 53.9	21.3 V	910
1999 AS ₂₄	1999 01	19.14126	10 56 06.74	+07 54 06.9	19.2 V	910	1999 AJ ₂₅	1999 01	15.24027	12 17 00.50	+00 13 50.7	20.8 V	910
1999 AS ₂₄	1999 01	19.16461	10 56 06.14	+07 54 06.7	19.5 V	910	1999 AJ ₂₅	1999 01	19.18910	12 19 10.77	+00 01 23.9	19.8 V	910
1999 AT ₂₄	* 1999 01	15.11571	10 34 22.78	+07 58 02.6	19.2 V	910	1999 AJ ₂₅	1999 01	19.20477	12 19 11.21	+00 01 21.3	19.8 V	910
1999 AT ₂₄	1999 01	15.14039	10 34 22.41	+07 58 00.7	19.3 V	910	1999 AJ ₂₅	1999 01	19.22070	12 19 11.66	+00 01 18.4	19.7 V	910
1999 AT ₂₄	1999 01	15.17175	10 34 21.90	+07 57 58.6	19.4 V	910	1999 AK ₂₅	* 1999 01	15.95267	09 15 54.07	+17 29 37.1	17.4 R	159
1999 AT ₂₄	1999 01	19.10246	10 33 12.70	+07 55 21.1	19.4 V	910	1999 AK ₂₅	1999 01	15.95593	09 15 53.64	+17 29 35.9	17.0 R	159
1999 AT ₂₄	1999 01	19.12540	10 33 12.17	+07 55 20.6	19.5 V	910	1999 AK ₂₅	1999 01	19.00064	09 13 22.50	+17 41 31.9	17.8 R	159
1999 AT ₂₄	1999 01	19.14875	10 33 11.64	+07 55 20.2	19.4 V	910	1999 AK ₂₅	1999 01	19.00580	09 13 22.18	+17 41 32.6	18.0 R	159
1999 AU ₂₄	* 1999 01	15.12007	10 40 41.28	+07 48 14.1	20.0 V	910	1999 AK ₂₅	1999 01	19.01019	09 13 21.95	+17 41 34.3	17.9 R	159
1999 AU ₂₄	1999 01	15.14476	10 40 40.75	+07 48 17.0	19.8 V	910	1999 AK ₂₅	1999 01	19.01218	09 13 21.83	+17 41 35.0	17.9 R	159
1999 AU ₂₄	1999 01	15.17611	10 40 40.08	+07 48 19.9	20.1 V	910	1999 AK ₂₅	1999 01	21.91983	09 10 45.65	+17 53 32.0	17.5 R	159
1999 AU ₂₄	1999 01	19.10656	10 39 08.47	+07 56 19.8	19.9 V	910	1999 AK ₂₅	1999 01	21.92235	09 10 45.54	+17 53 32.7	17.7 R	159
1999 AU ₂₄	1999 01	19.12951	10 39 07.86	+07 56 23.0	19.5 V	910	1999 AK ₂₅	1999 01	21.92453	09 10 45.38	+17 53 33.1	18.0 R	159
1999 AU ₂₄	1999 01	19.15286	10 39 07.24	+07 56 26.0	19.9 V	910	1999 AK ₂₅	1999 01	21.93318	09 10 44.94	+17 53 35.1	17.8 R	159
1999 AV ₂₄	* 1999 01	15.12223	10 43 48.11	+08 05 41.1	20.1 V	910	1999 AK ₂₅	1999 01	21.93547	09 10 44.80	+17 53 35.2	17.8 R	159
1999 AV ₂₄	1999 01	15.14692	10 43 47.45	+08 05 35.8	20.3 V	910	1999 AK ₂₅	1999 01	21.93855	09 10 44.59	+17 53 36.5	17.7 R	159
1999 AV ₂₄	1999 01	15.17827	10 43 46.60	+08 05 29.0	20.1 V	910	1999 AL ₂₅	* 1999 01	15.95890	09 15 49.21	+17 40 21.5	18.3 R	159
1999 AV ₂₄	1999 01	19.10845	10 41 52.15	+07 52 02.6	19.9 V	910	1999 AL ₂₅	1999 01	15.96112	09 15 49.11	+17 40 22.1	18.5 R	159
1999 AV ₂₄	1999 01	19.13139	10 41 51.33	+07 51 58.4	19.9 V	910	1999 AL ₂₅	1999 01	15.96537	09 15 49.07	+17 40 22.1	18.4 R	159
1999 AV ₂₄	1999 01	19.15474	10 41 50.51	+07 51 53.8	20.1 V	910	1999 AL ₂₅	1999 01	18.97215	09 13 47.43	+17 55 02.8	18.1 R	159
1999 AW ₂₄	* 1999 01	15.12350	10 45 38.80	+07 52 34.9	19.3 V	910	1999 AL ₂₅	1999 01	18.98118	09 13 47.05	+17 55 04.5	18.1 R	159
1999 AW ₂₄	1999 01	15.14819	10 45 38.54	+07 52 36.8	20.2 V	910	1999 AL ₂₅	1999 01	18.98352	09 13 47.10	+17 55 05.1	18.1 R	159
1999 AW ₂₄	1999 01	15.17955	10 45 38.19	+07 52 39.4	20.0 V	910	1999 AL ₂₅	1999 01	22.86197	09 11 01.76	+18 14 23.6	17.7 R	159
1999 AW ₂₄	1999 01	19.11047	10 44 47.22	+07 59 12.6	20.0 V	910	1999 AL ₂₅	1999 01	22.86500	09 11 01.68	+18 14 24.6	17.9 R	159
1999 AW ₂₄	1999 01	19.13342	10 44 46.81	+07 59 15.5	20.0 V	910	1999 AL ₂₅	1999 01	22.86779	09 11 01.64	+18 14 25.3	17.7 R	159
1999 AW ₂₄	1999 01	19.15677	10 44 46.43	+07 59 17.9	19.7 V	910	1999 AL ₂₅	1999 01	22.87001	09 11 01.58	+18 14 24.5	17.7 R	159
1999 AX ₂₄	* 1999 01	15.12429	10 46 47.04	+07 49 17.1	18.9 V	910	1999 AL ₂₅	1999 01	22.87219	09 11 01.22	+18 14 25.4	17.8 R	159
1999 AX ₂₄	1999 01	15.14898	10 46 47.02	+07 49 19.8	19.4 V	910	1999 AM ₂₅	* 1999 01	15.95890	09 15 49.86	+17 36 27.6	18.6 R	159
1999 AX ₂₄	1999 01	15.18034	10 46 46.98	+07 49 23.4	18.9 V	910	1999 AM ₂₅	1999 01	15.96112	09 15 49.79	+17 36 28.3	18.4 R	159
1999 AX ₂₄	1999 01	19.11173	10 46 35.88	+07 58 26.4	19.4 V	910	1999 AM ₂₅	1999 01	15.96537	09 15 49.66	+17 36 29.2	18.2 R	159
1999 AX ₂₄	1999 01	19.13467	10 46 35.67	+07 58 30.2	19.0 V	910	1999 AM ₂₅	1999 01	18.96082	09 14 24.23	+17 49 16.7	18.3 R	159
1999 AX ₂₄	1999 01	19.15803	10 46 35.47	+07 58 33.9	19.0 V	910	1999 AM ₂₅	1999 01	18.96527	09 14 23.97	+17 49 18.7	18.2 R	159
1999 AY ₂₄	* 1999 01	15.12654	10 50 01.34	+08 01 53.1	20.3 V	910	1999 AM ₂₅	1999 01	18.96970	09 14 23.66	+17 49 20.8	18.3 R	159
1999 AY ₂₄	1999 01	15.15123	10 50 01.23	+08 01 55.9	20.3 V	910	1999 AN ₂₅	* 1999 01	14.43029	09 22 01.93	+35 18 16.0	18.6	704
1999 AY ₂₄	1999 01	15.18259	10 50 01.06	+08 01 58.6	20.2 V	910	1999 AN ₂₅	1999 01	14.45301	09 21 59.29	+35 18 10.5	19.3	704
1999 AY ₂₄	1999 01	19.11379	10 49 33.98	+08 09 17.6	20.2 V	910	1999 AN ₂₅	1999 01	14.47581	09 21 57.21	+35 18 06.8		704
1999 AY ₂₄	1999 01	19.13674	10 49 33.66	+08 09 21.0	20.1 V	910	1999 AN ₂₅	1999 01	14.49857	09 21 54.88	+35 18 01.6	18.5	704
1999 AY ₂₄	1999 01	19.16009	10 49 33.38	+08 09 24.2	20.2 V	910	1999 AN ₂₅	1999 01	14.52134	09 21 52.52	+35 17 56.3	18.7	704
1999 AY ₂₄	1999 01	23.01537	10 48 38.14	+08 19 36.9	20.2 V	910	1999 AN ₂₅	1999 01	19.42300	09 13 27.27	+34 58 57.0	17.5	704
1999 AY ₂₄	1999 01	23.04264	10 48 37.57	+08 19 41.5	19.8 V	910	1999 AN ₂₅	1999 01	19.44491	09 13 24.77	+34 58 49.2	18.9	704
1999 AY ₂₄	1999 01	23.06776	10 48 37.08	+08 19 46.4	20.0 V	910	1999 AN ₂₅	1999 01	19.46677	09 13 22.56	+34 58 45.0	18.8	704
1999 AZ ₂₄	* 1999 01	15.13067	10 55 59.22	+08 06 15.8	20.4 V	910	1999 AN ₂₅	1999 01	19.48863	09 13 19.99	+34 58 37.2		704
1999 AZ ₂₄	1999 01	15.15536	10 55 58.84	+08 06 14.5	20.4 V	910	1999 AO ₂₅	1999 01	19.51061	09 13 17.61	+34 58 30.9	17.5	704
1999 AZ ₂₄	1999 01	15.18671	10 55 58.32	+08 06 12.7	19.9 V	910	1999 AO ₂₅	1998 12	11.42501	08 02 11.94	+65 02 26.1	18.8	704
1999 AZ ₂₄	1999 01	19.11742	10 54 49.25	+08 03 24.3	20.0 V	910	1999 AO ₂₅	1998 12	11.44372	08 02 09.82	+65 02 22.2	19.0	704
1999 AZ ₂₄	1999 01	19.14037	10 54 48.73	+08 03 23.5	20.4 V	910	1999 AO ₂₅	1998 12	11.46219	08 02 07.53	+65 02 22.5	18.8	704
1999 AZ ₂₄	1999 01	19.16372	10 54 48.23	+08 03 22.6	20.3 V	910	1999 AO ₂₅	1998 12	11.48072	08 02 05.32	+65 02 19.0	19.8	704
1999 AA ₂₅	* 1999 01	15.19899	12 04 29.93	-00 01 39.4	20.0 V	910	1999 AO ₂₅	1998 12	11.49924	08 02 02.95	+65 02 17.3	18.9	704
1999 AA ₂₅	1999 01	15.21559	12 04 30.62	-00 01 40.5	19.8 V	910	1999 AO ₂₅	1999 01	13.27378	06 45 33.04	+58 45 55.6	18.1 R	699
1999 AA ₂₅	1999 01	15.23162	12 04 31.26	-00 01 41.4	19.8 V	910	1999 AO ₂₅	1999 01	13.28907	06 45 31.38	+58 45 35.2		699
1999 AA ₂₅	1999 01	19.18072	12 07 04.45	-00 04 18.6	19.2 V	910	1999 AO ₂₅	1999 01	13.30439	06 4			

1999 AR ₂₅	1999 01	23.01206	10 43 51.14	+08 30 33.9	19.0 V	910	1999 AD ₂₆	1999 01	20.86153	06 31 32.95	+36 25 29.9	17.6	627
1999 AR ₂₅	1999 01	23.03933	10 43 50.34	+08 30 37.7	19.0 V	910	1999 AD ₂₆	1999 01	20.90694	06 31 30.63	+36 25 22.4	18.4	627
1999 AR ₂₅	1999 01	23.06445	10 43 49.61	+08 30 41.4	19.0 V	910	1999 AE ₂₆	1999 01	15.94706	06 18 28.45	+27 55 26.0	18.7 V	595
1999 AS ₂₅	* 1999 01	15.04248	10 58 07.82	+08 14 19.5	18.5 V	910	1999 AE ₂₆	* 1999 01	15.97209	06 18 27.24	+27 55 26.3		595
1999 AS ₂₅	1999 01	15.06752	10 58 07.61	+08 14 26.4	18.4 V	910	1999 AE ₂₆	1999 01	19.94940	06 15 29.35	+27 55 49.9		595
1999 AS ₂₅	1999 01	15.09090	10 58 07.39	+08 14 32.2	18.4 V	910	1999 AE ₂₆	1999 01	19.97648	06 15 28.16	+27 55 49.7		595
1999 AS ₂₅	1999 01	15.13216	10 58 07.01	+08 14 42.3	18.4 V	910	1999 AE ₂₆	1999 01	24.84013	06 12 14.39	+27 55 14.1	19.2 V	595
1999 AS ₂₅	1999 01	15.15685	10 58 06.79	+08 14 48.6	18.2 V	910	1999 AE ₂₆	1999 01	24.86922	06 12 13.23	+27 55 13.7		595
1999 AS ₂₅	1999 01	15.18820	10 58 06.50	+08 14 56.5	18.2 V	910	1999 AF ₂₆	1998 08	23.42106	00 30 12.88	+15 41 44.7	17.8 R	699
1999 AS ₂₅	1999 01	19.99892	10 57 13.31	+08 36 45.4	19.1 V	910	1999 AF ₂₆	1998 08	23.44520	00 30 13.12	+15 41 52.3		699
1999 AS ₂₅	1999 01	20.02256	10 57 12.96	+08 36 52.4	19.1 V	910	1999 AF ₂₆	1998 08	23.47004	00 30 13.39	+15 42 00.2		699
1999 AS ₂₅	1999 01	20.05502	10 57 12.46	+08 37 01.9	19.1 V	910	1999 AF ₂₆	1998 09	19.32258	00 25 48.30	+16 12 53.9	16.3 R	699
1999 AS ₂₅	1999 01	23.11285	10 56 22.75	+08 52 45.2	19.0 V	910	1999 AF ₂₆	1998 09	19.33126	00 25 47.96	+16 12 52.4	16.6 R	699
1999 AS ₂₅	1999 01	23.13843	10 56 22.24	+08 52 53.5	18.7 V	910	1999 AF ₂₆	1998 09	19.34739	00 25 47.45	+16 12 49.4		699
1999 AS ₂₅	1999 01	23.16271	10 56 21.78	+08 53 01.3	19.1 V	910	1999 AF ₂₆	1998 09	19.35538	00 25 47.11	+16 12 46.9		699
1999 AT ₂₅	* 1999 01	15.13327	10 59 43.66	+08 12 09.4	19.5 V	910	1999 AF ₂₆	1998 09	19.37083	00 25 46.62	+16 12 44.6		699
1999 AT ₂₅	1999 01	15.15796	10 59 43.29	+08 12 13.0	19.0 V	910	1999 AF ₂₆	1998 09	19.38022	00 25 46.25	+16 12 42.2		699
1999 AT ₂₅	1999 01	15.18931	10 59 42.81	+08 12 17.2	19.2 V	910	1999 AF ₂₆	1998 12	09.16901	00 38 09.34	+08 06 29.8	18.5	704
1999 AT ₂₅	1999 01	19.99971	10 58 22.26	+08 24 30.4	18.4 V	910	1999 AF ₂₆	1998 12	09.17949	00 38 10.12	+08 06 31.1	18.5	704
1999 AT ₂₅	1999 01	20.02334	10 58 21.77	+08 24 34.5	18.5 V	910	1999 AF ₂₆	1998 12	09.18996	00 38 10.95	+08 06 31.8	18.8	704
1999 AT ₂₅	1999 01	20.05581	10 58 21.12	+08 24 40.0	19.3 V	910	1999 AF ₂₆	1998 12	09.20041	00 38 11.81	+08 06 31.6	18.4	704
1999 AT ₂₅	1999 01	21.03478	10 58 01.43	+08 27 28.3	18.5 V	910	1999 AF ₂₆	1998 12	09.21088	00 38 12.66	+08 06 33.0	18.4	704
1999 AT ₂₅	1999 01	21.05907	10 58 00.90	+08 27 32.5	18.2 V	910	1999 AF ₂₆	1999 01	08.07997	01 28 41.00	+10 07 13.0	18.7	704
1999 AT ₂₅	1999 01	21.08792	10 58 00.28	+08 27 37.9	18.7 V	910	1999 AF ₂₆	1999 01	08.09147	01 28 42.23	+10 07 17.3	18.8	704
1999 AT ₂₅	1999 01	23.02138	10 57 18.23	+08 33 30.5	19.6 V	910	1999 AF ₂₆	1999 01	08.11454	01 28 44.97	+10 07 25.5	19.0	704
1999 AT ₂₅	1999 01	23.04865	10 57 17.59	+08 33 35.8	19.4 V	910	1999 AF ₂₆	1999 01	08.12509	01 28 46.19	+10 07 25.6	18.8	704
1999 AT ₂₅	1999 01	23.07377	10 57 16.98	+08 33 40.5	19.8 V	910	1999 AF ₂₆	* 1999 01	14.08458	01 40 31.64	+10 46 19.0	18.8 V	691
1999 AU ₂₅	* 1999 01	15.19765	12 02 33.27	+00 03 40.4	21.1 V	910	1999 AF ₂₆	1999 01	14.11611	01 40 35.40	+10 46 32.0	18.6 V	691
1999 AU ₂₅	1999 01	15.21425	12 02 33.94	+00 03 33.0	21.0 V	910	1999 AF ₂₆	1999 01	14.14769	01 40 39.14	+10 46 44.7	18.8 V	691
1999 AU ₂₅	1999 01	15.23028	12 02 34.55	+00 03 26.2	20.5 V	910	1999 AF ₂₆	1999 01	17.09466	01 46 37.54	+10 07 02.6	18.6 V	691
1999 AU ₂₅	1999 01	20.16405	12 05 37.06	-00 30 32.2	20.6 V	910	1999 AF ₂₆	1999 01	17.09842	01 46 37.91	+11 07 04.5	18.8 V	691
1999 AU ₂₅	1999 01	20.18804	12 05 37.81	-00 30 41.2	20.4 V	910	1999 AF ₂₆	1999 01	17.10322	01 46 38.51	+11 07 06.4	18.7 V	691
1999 AU ₂₅	1999 01	20.21153	12 05 38.51	-00 30 51.2	20.7 V	910	1999 AF ₂₆	1999 01	22.14409	01 57 04.08	+11 43 04.7	18.9 V	691
1999 AU ₂₅	1999 01	22.11617	12 06 38.44	-00 43 09.5	20.5 V	910	1999 AF ₂₆	1999 01	22.14997	01 57 04.81	+11 43 07.4	18.7 V	691
1999 AU ₂₅	1999 01	22.14001	12 06 39.10	-00 43 18.6	20.8 V	910	1999 AF ₂₆	1999 01	22.15553	01 57 05.53	+11 43 09.1	18.6 V	691
1999 AU ₂₅	1999 01	22.16371	12 06 39.76	-00 43 27.6	20.5 V	910	1999 AG ₂₆	* 1999 01	09.50889	06 46 25.87	+23 51 36.7	17.5 V	376
1999 AV ₂₅	* 1999 01	15.20669	12 15 36.97	-00 14 28.7	20.2 V	910	1999 AG ₂₆	1999 01	09.51523	06 46 25.49	+23 51 39.4		376
1999 AV ₂₅	1999 01	15.22329	12 15 37.22	-00 14 28.9	20.1 V	910	1999 AG ₂₆	1999 01	11.54972	06 44 33.44	+24 02 33.5	17.1 V	376
1999 AV ₂₅	1999 01	15.23931	12 15 37.50	-00 14 29.5	20.0 V	910	1999 AG ₂₆	1999 01	11.62808	06 44 28.99	+24 02 57.9		376
1999 AV ₂₅	1999 01	20.17174	12 16 43.39	-00 15 19.2	20.1 V	910	1999 AG ₂₆	1999 01	13.48443	06 42 50.91	+24 12 35.5		376
1999 AV ₂₅	1999 01	20.19573	12 16 43.61	-00 15 18.9	20.2 V	910	1999 AG ₂₆	1999 01	13.48954	06 42 50.56	+24 12 37.5		376
1999 AV ₂₅	1999 01	20.21920	12 16 43.81	-00 15 18.5	20.2 V	910	1999 AG ₂₆	1999 01	16.44237	06 40 22.70	+24 27 19.4		376
1999 AW ₂₅	* 1999 01	15.20689	12 15 53.89	-00 13 53.5	20.3 V	910	1999 AG ₂₆	1999 01	16.45330	06 40 22.00	+24 27 21.4		376
1999 AW ₂₅	1999 01	15.22348	12 15 54.08	-00 13 56.6	20.2 V	910	1999 AH ₂₆	* 1999 01	09.56843	07 17 46.97	+17 51 04.1	17.5 V	376
1999 AW ₂₅	1999 01	15.23951	12 15 54.25	-00 13 59.7	20.1 V	910	1999 AH ₂₆	1999 01	09.57497	07 17 46.55	+17 51 05.3		376
1999 AW ₂₅	1999 01	20.17163	12 16 33.77	-00 26 45.1	20.4 V	910	1999 AH ₂₆	1999 01	11.53627	07 15 46.43	+17 52 40.3	17.6 V	376
1999 AW ₂₅	1999 01	20.19561	12 16 33.84	-00 26 48.5	20.2 V	910	1999 AH ₂₆	1999 01	11.54286	07 15 46.00	+17 52 41.3		376
1999 AW ₂₅	1999 01	20.21909	12 16 33.92	-00 26 51.8	20.3 V	910	1999 AH ₂₆	1999 01	13.51204	07 13 45.88	+17 54 20.8		376
1999 AW ₂₅	1999 01	22.12312	12 16 40.66	-00 31 00.0	20.1 V	910	1999 AH ₂₆	1999 01	13.51867	07 13 45.50	+17 54 21.2		376
1999 AW ₂₅	1999 01	22.14695	12 16 40.70	-00 31 02.9	20.0 V	910	1999 AH ₂₆	1999 01	16.46036	07 10 48.46	+17 56 59.5		376
1999 AW ₂₅	1999 01	22.17064	12 16 40.73	-00 31 05.9	20.3 V	910	1999 AH ₂₆	1999 01	16.46869	07 10 47.82	+17 57 00.1		376
1999 AX ₂₅	* 1999 01	15.97234	08 40 42.01	+18 11 05.5	17.3 V	620	1999 AJ ₂₆	* 1999 01	09.59039	06 49 02.30	+21 53 58.6	17.4 V	376
1999 AX ₂₅	1999 01	16.03368	08 40 38.51	+18 10 58.2	17.3 V	620	1999 AJ ₂₆	1999 01	09.59646	06 49 01.89	+21 54 01.4		376
1999 AX ₂₅	1999 01	16.05781	08 40 37.13	+18 10 55.3	17.4 V	620	1999 AJ ₂₆	1999 01	11.52142	06 46 56.13	+22 01 10.0	17.7 V	376
1999 AX ₂₅	1999 01	19.97696	08 36 48.45	+18 04 16.6	17.1 V	620	1999 AJ ₂₆	1999 01	11.52789	06 46 55.72	+22 01 11.2		376
1999 AX ₂₅	1999 01	20.03622	08 36 44.84	+18 04 10.6		620	1999 AJ ₂₆	1999 01	13.49522	06 44 49.08	+22 08 26.6		376
1999 AX ₂₅	1999 01	20.05034	08 36 44.03	+18 04 09.6	17.0 V	620	1999 AJ ₂₆	1999 01	13.50531	06 44 48.33	+22 08 28.9		376
1999 AX ₂₅	1999 01	25.90081	08 30 56.16	+17 54 11.1	17.1 V	620	1999 AK ₂₆	* 1999 01	13.61777	09 41 40.29	+14 31 59.7	18.1 V	376
1999 AX ₂₅	1999 01	25.92650	08 30 54.53	+17 54 08.9	16.8 V	620	1999 AK ₂₆	1999 01	13.62486	09 41 40.08	+14 32 01.1		376
1999 AX ₂₅	1999 01	25.94409	08 30 53.45	+17 54 06.8		620	1999 AK ₂₆	1999 01	18.60221	09 38 52.07	+14 51 01.0		376
1999 AY ₂₅	* 1999 01	06.92568	08 15 05.65	+17 22 17.2	18.5	120	1999 AK ₂₆	1999 01	18.60710	09 38 51.86	+14 51 03.0		376
1999 AY ₂₅	1999 01	06.94556	08 15 04.53	+17 22 20.9		120	1999 AK ₂₆	1999 01	22.60060	09 36 18.80	+15 07 39.6		376
1999 AY ₂₅	1999 01	06.99824	08 15 01.62	+17 22 27.8		120	1999 AK ₂₆	1999 01	22.60861	09 36 18.35	+15 07 41.4		376
1999 AY ₂₅	1999 01	19.82094	08 02 28.28	+17 55 22.9	18.2	120	1999 AL ₂₆	* 1999 01	08.25917	08 13 46.86	+19 13 10.5	20.8 V	691
1999 AY ₂₅	1999 01	19.85413	08 02 26.03	+17 55 28.2		120	1999 AL ₂₆	1999 01	08.28148	08 13 45.70	+19 13 15.9	20.8 V	691
1999 AY ₂₅	1999 01	20.75926	08 01 29.62	+17 58 01.8	18.4	120	1999 AL ₂₆	1999 01	08.30384	08 13 44.50	+19 13 22.2	20.5 V	691
1999 AY ₂₅	1999 01	20.77772	08 01 28.48	+17 58 05.3		120	1999 AL ₂₆	1999 01	16.37061	08 06 32.93	+19 50 0		

1999 AS ₂₆	1999 01	08.29346	08 31	03.78	+19 09	24.5	20.1	V	691	1999 AL ₂₇	1999 01	18.21868	08 12	23.57	+16 50	05.0	19.2	V	691
1999 AS ₂₆	1999 01	08.31582	08 31	02.72	+19 09	32.8	20.1	V	691	1999 AL ₂₇	1999 01	18.24027	08 12	22.08	+16 50	13.1	19.2	V	691
1999 AS ₂₆	1999 01	16.38305	08 24	31.06	+20 01	01.3	20.9	V	691	1999 AM ₂₇	* 1999 01	10.35841	08 26	37.25	+16 06	03.7	19.7	V	691
1999 AS ₂₆	1999 01	16.40669	08 24	29.86	+20 01	01.7	20.8	V	691	1999 AM ₂₇	1999 01	10.38026	08 26	35.94	+16 06	06.8	19.5	V	691
1999 AS ₂₆	1999 01	16.43014	08 24	28.65	+20 01	01.9	20.7	V	691	1999 AM ₂₇	1999 01	10.40597	08 26	34.42	+16 06	10.3	19.7	V	691
1999 AT ₂₆	* 1999 01	09.22536	08 13	13.86	+20 53	05.08	19.3	V	691	1999 AM ₂₇	1999 01	17.24973	08 19	45.33	+16 23	19.8	19.7	V	691
1999 AT ₂₆	1999 01	09.26605	08 13	11.42	+20 53	16.2	19.6	V	691	1999 AN ₂₇	1999 01	17.27127	08 19	44.00	+16 23	23.5	19.7	V	691
1999 AT ₂₆	1999 01	09.29546	08 13	09.75	+20 53	25.2	19.6	V	691	1999 AN ₂₇	* 1999 01	10.35928	08 27	52.83	+16 06	06.2	20.1	V	691
1999 AT ₂₆	1999 01	16.19116	08 06	21.01	+21 24	06.5	19.9	V	691	1999 AN ₂₇	1999 01	10.38113	08 27	51.57	+16 06	10.5	19.9	V	691
1999 AT ₂₆	1999 01	16.21717	08 06	19.44	+21 24	14.3	20.3	V	691	1999 AN ₂₇	1999 01	10.40685	08 27	50.10	+16 06	16.1	20.3	V	691
1999 AT ₂₆	1999 01	16.24046	08 06	17.99	+21 24	20.5	19.8	V	691	1999 AN ₂₇	1999 01	18.20149	08 20	14.70	+16 35	31.0	19.9	V	691
1999 AU ₂₆	* 1999 01	09.22575	08 13	47.00	+20 55	18.0	20.6	V	691	1999 AN ₂₇	1999 01	18.24570	08 20	11.96	+16 35	41.7	19.9	V	691
1999 AU ₂₆	1999 01	09.26643	08 13	44.78	+20 55	31.2	20.7	V	691	1999 AO ₂₇	* 1999 01	10.35954	08 28	15.87	+16 10	40.0	19.2	V	691
1999 AU ₂₆	1999 01	09.29584	08 13	43.19	+20 55	40.4	20.6	V	691	1999 AO ₂₇	1999 01	10.38140	08 28	14.65	+16 10	43.3	19.0	V	691
1999 AU ₂₆	1999 01	16.29898	08 07	17.35	+21 32	40.9	20.1	V	691	1999 AO ₂₇	1999 01	10.40711	08 28	13.24	+16 10	47.0	19.3	V	691
1999 AU ₂₆	1999 01	16.32214	08 07	16.09	+21 32	48.0	21.2	V	691	1999 AO ₂₇	1999 01	17.22951	08 21	52.06	+16 29	32.7	19.1	V	691
1999 AU ₂₆	1999 01	16.34618	08 07	14.66	+21 32	55.0	20.2	V	691	1999 AO ₂₇	1999 01	17.25118	08 21	50.73	+16 29	36.7	19.2	V	691
1999 AV ₂₆	* 1999 01	09.34551	08 15	41.98	+19 41	19.9	20.6	V	691	1999 AO ₂₇	1999 01	17.27271	08 21	49.39	+16 29	40.8	19.3	V	691
1999 AV ₂₆	1999 01	09.37038	08 15	40.58	+19 41	23.2	20.1	V	691	1999 AP ₂₇	* 1999 01	10.36001	08 28	56.04	+16 10	51.5	21.4	V	691
1999 AV ₂₆	1999 01	09.39261	08 15	39.35	+19 41	25.6	19.8	V	691	1999 AP ₂₇	1999 01	10.38187	08 28	54.96	+16 10	52.9	20.1	V	691
1999 AV ₂₆	1999 01	16.37237	08 09	05.42	+19 54	45.8	20.5	V	691	1999 AP ₂₇	1999 01	10.40758	08 28	53.50	+16 10	57.8	21.5	V	691
1999 AV ₂₆	1999 01	16.39600	08 09	04.07	+19 54	49.0	20.6	V	691	1999 AP ₂₇	1999 01	17.23010	08 22	42.99	+16 27	14.0	21.5	V	691
1999 AV ₂₆	1999 01	16.41945	08 09	02.66	+19 54	51.7	19.9	V	691	1999 AP ₂₇	1999 01	17.25177	08 22	41.79	+16 27	16.9	21.7	V	691
1999 AW ₂₆	* 1999 01	09.42738	08 47	12.67	+17 36	40.4	20.0	V	691	1999 AP ₂₇	1999 01	17.27330	08 22	40.53	+16 27	20.5	21.6	V	691
1999 AW ₂₆	1999 01	09.45342	08 47	11.14	+17 36	31.8	19.8	V	691	1999 AQ ₂₇	* 1999 01	10.36094	08 30	17.12	+15 59	55.2	21.7	V	691
1999 AW ₂₆	1999 01	09.48381	08 47	09.36	+17 36	21.7	19.9	V	691	1999 AQ ₂₇	1999 01	10.38280	08 30	16.09	+16 00	02.3	20.8	V	691
1999 AW ₂₆	1999 01	17.32048	08 39	07.96	+16 53	28.6	19.9	V	691	1999 AQ ₂₇	1999 01	10.40852	08 30	14.95	+16 00	10.3	20.6	V	691
1999 AW ₂₆	1999 01	17.34237	08 39	06.45	+16 53	21.8	19.5	V	691	1999 AQ ₂₇	1999 01	18.20422	08 24	11.63	+16 39	27.0	20.9	V	691
1999 AX ₂₆	* 1999 01	09.42954	08 50	19.92	+17 43	39.1	19.8	V	691	1999 AQ ₂₇	1999 01	18.22684	08 24	10.54	+16 39	33.9	20.8	V	691
1999 AX ₂₆	1999 01	09.48597	08 50	16.42	+17 43	43.3	20.1	V	691	1999 AQ ₂₇	1999 01	18.24844	08 24	09.44	+16 39	40.9	20.6	V	691
1999 AX ₂₆	1999 01	17.45435	08 41	43.09	+17 55	23.0	20.0	V	691	1999 AR ₂₇	* 1999 01	10.36102	08 30	23.77	+16 13	52.5	20.8	V	691
1999 AX ₂₆	1999 01	17.47680	08 41	41.46	+17 55	24.5	19.6	V	691	1999 AR ₂₇	1999 01	10.38287	08 30	22.41	+16 13	53.1	20.7	V	691
1999 AX ₂₆	1999 01	17.49921	08 41	39.97	+17 55	27.1	20.1	V	691	1999 AR ₂₇	1999 01	10.40859	08 30	20.83	+16 13	54.0	20.7	V	691
1999 AY ₂₆	* 1999 01	09.43225	08 54	14.57	+17 47	43.6	19.2	V	691	1999 AR ₂₇	1999 01	17.23043	08 23	11.11	+16 18	26.1	20.7	V	691
1999 AY ₂₆	1999 01	09.45829	08 54	13.13	+17 47	45.2	19.2	V	691	1999 AR ₂₇	1999 01	17.25209	08 23	09.66	+16 18	27.5	20.8	V	691
1999 AY ₂₆	1999 01	09.48868	08 54	11.47	+17 47	46.7	19.2	V	691	1999 AR ₂₇	1999 01	17.27362	08 23	08.22	+16 18	28.5	21.1	V	691
1999 AY ₂₆	1999 01	17.45768	08 46	32.07	+17 57	41.6	19.1	V	691	1999 AS ₂₇	* 1999 01	10.36159	08 31	13.56	+16 10	46.0	21.9	V	691
1999 AY ₂₆	1999 01	17.48014	08 46	30.67	+17 57	43.5	19.2	V	691	1999 AS ₂₇	1999 01	10.38345	08 31	12.38	+16 10	50.7	21.2	V	691
1999 AY ₂₆	1999 01	17.50255	08 46	29.25	+17 57	45.3	19.2	V	691	1999 AS ₂₇	1999 01	10.40917	08 31	11.07	+16 10	57.0	21.3	V	691
1999 AZ ₂₆	* 1999 01	09.43441	08 57	22.20	+17 42	04.7	18.2	V	691	1999 AS ₂₇	1999 01	18.20429	08 24	17.82	+16 41	08.9	21.2	V	691
1999 AZ ₂₆	1999 01	09.46046	08 57	20.95	+17 42	06.6	18.3	V	691	1999 AS ₂₇	1999 01	18.22691	08 24	16.56	+16 41	14.2	20.8	V	691
1999 AZ ₂₆	1999 01	09.49085	08 57	19.48	+17 42	09.4	17.9	V	691	1999 AS ₂₇	1999 01	18.24851	08 24	15.34	+16 41	19.4	21.1	V	691
1999 AZ ₂₆	1999 01	17.46050	08 50	36.10	+17 53	21.1	18.3	V	691	1999 AT ₂₇	* 1999 01	10.36191	08 31	40.80	+16 08	03.4	20.4	V	691
1999 AZ ₂₆	1999 01	17.48295	08 50	34.84	+17 53	23.3	18.3	V	691	1999 AT ₂₇	1999 01	10.38377	08 31	39.77	+16 08	07.0	20.4	V	691
1999 AZ ₂₆	1999 01	17.50537	08 50	33.60	+17 53	25.0	18.1	V	691	1999 AT ₂₇	1999 01	10.40948	08 31	38.54	+16 08	11.7	20.2	V	691
1999 AA ₂₇	* 1999 01	10.19251	08 13	38.57	+21 26	27.6	19.5	V	691	1999 AT ₂₇	1999 01	18.20523	08 25	39.36	+16 36	03.4	20.0	V	691
1999 AA ₂₇	1999 01	10.24200	08 13	35.36	+21 26	35.5	19.4	V	691	1999 AT ₂₇	1999 01	18.22785	08 25	38.21	+16 36	07.8	20.4	V	691
1999 AA ₂₇	1999 01	16.29873	08 06	56.13	+21 40	53.2	19.7	V	691	1999 AT ₂₇	1999 01	18.24945	08 25	37.12	+16 36	12.1	20.0	V	691
1999 AA ₂₇	1999 01	16.32189	08 06	54.57	+21 40	55.9	20.0	V	691	1999 AU ₂₇	* 1999 01	10.36219	08 32	05.06	+16 15	41.3	20.4	V	691
1999 AA ₂₇	1999 01	16.34593	08 06	52.83	+21 40	59.4	19.7	V	691	1999 AU ₂₇	1999 01	10.38405	08 32	03.80	+16 15	45.4	20.2	V	691
1999 AB ₂₇	* 1999 01	10.19368	08 15	19.48	+21 19	58.9	19.6	V	691	1999 AU ₂₇	1999 01	10.40976	08 32	02.35	+16 15	50.6	20.2	V	691
1999 AB ₂₇	1999 01	10.21602	08 15	18.16	+21 20	08.7	19.5	V	691	1999 AU ₂₇	1999 01	18.20439	08 24	26.69	+16 42	20.4	20.1	V	691
1999 AB ₂₇	1999 01	10.24317	08 15	16.51	+21 20	20.6	19.7	V	691	1999 AU ₂₇	1999 01	18.22701	08 24	25.28	+16 42	25.6	20.3	V	691
1999 AB ₂₇	1999 01	16.30025	08 09	07.60	+22 03	28.2	19.5	V	691	1999 AU ₂₇	1999 01	18.24861	08 24	23.92	+16 42	30.6	20.3	V	691
1999 AB ₂₇	1999 01	16.32341	08 09	06.12	+22 03	37.9	20.0	V	691	1999 AV ₂₇	* 1999 01	10.37639	08 21	00.30	+16 30	01.5	21.0	V	691
1999 AB ₂₇	1999 01	16.34745	08 09	04.54	+22 03	47.5	19.5	V	691	1999 AV ₂₇	1999 01	10.40210	08 20	59.24	+16 30	05.5	20.7	V	691
1999 AC ₂₇	* 1999 01	10.19428	08 16	11.61	+21 21	17.5	18.8	V	691	1999 AV ₂₇	1999 01	18.19826	08 15	35.41	+16 51	41.3	21.0	V	691
1999 AC ₂₇	1999 01	10.21662	08 16	10.52	+21 21	21.1	18.8	V	691	1999 AV ₂₇	1999 01	18.22088	08 15	34.41	+16 51	45.9	21.0	V	691
1999 AC ₂₇																			

1999 AE ₂₈	1999 01	11.45997	09 24 58.75	+14 52 07.5	18.2 V	691	1999 AX ₂₈	1999 01	18.28210	09 08 50.79	+15 27 39.2	20.1 V	691
1999 AE ₂₈	1999 01	11.48149	09 24 57.87	+14 52 14.9	18.2 V	691	1999 AX ₂₈	1999 01	18.30359	09 08 49.84	+15 27 43.9	19.8 V	691
1999 AE ₂₈	1999 01	18.35497	09 19 51.48	+15 34 24.6	18.4 V	691	1999 AX ₂₈	1999 01	18.32512	09 08 48.87	+15 27 48.1	19.7 V	691
1999 AE ₂₈	1999 01	18.37659	09 19 50.38	+15 34 32.7	18.3 V	691	1999 AY ₂₈	* 1999 01	13.44338	09 14 04.71	+15 28 28.2	19.8 V	691
1999 AE ₂₈	1999 01	18.39848	09 19 49.26	+15 34 41.2	18.4 V	691	1999 AY ₂₈	1999 01	13.46671	09 14 03.64	+15 28 31.9	19.9 V	691
1999 AF ₂₈	* 1999 01	11.43899	09 25 49.44	+14 42 37.7	20.2 V	691	1999 AY ₂₈	1999 01	13.48873	09 14 02.62	+15 28 36.7	19.8 V	691
1999 AF ₂₈	1999 01	11.46055	09 25 48.74	+14 42 45.3	20.0 V	691	1999 AY ₂₈	1999 01	18.34827	09 10 11.37	+15 44 03.5	20.2 V	691
1999 AF ₂₈	1999 01	11.48207	09 25 48.03	+14 42 53.2	19.9 V	691	1999 AY ₂₈	1999 01	18.36989	09 10 10.25	+15 44 07.8	20.0 V	691
1999 AF ₂₈	1999 01	18.29110	09 21 50.31	+15 25 45.0	20.0 V	691	1999 AY ₂₈	1999 01	18.39179	09 10 09.10	+15 44 12.3	20.0 V	691
1999 AF ₂₈	1999 01	18.33412	09 21 48.57	+15 26 01.9	20.0 V	691	1999 AZ ₂₈	* 1999 01	13.44380	09 14 40.45	+15 06 05.7	19.7 V	691
1999 AG ₂₈	* 1999 01	11.44031	09 27 43.95	+14 47 10.2	20.3 V	691	1999 AZ ₂₈	1999 01	13.46712	09 14 39.37	+15 06 11.8	20.0 V	691
1999 AG ₂₈	1999 01	11.46187	09 27 42.97	+14 47 16.0	20.2 V	691	1999 AZ ₂₈	1999 01	13.48915	09 14 38.46	+15 06 18.1	19.9 V	691
1999 AG ₂₈	1999 01	11.48338	09 27 41.99	+14 47 21.7	20.1 V	691	1999 AZ ₂₈	1999 01	18.28371	09 11 09.72	+15 29 23.4	20.1 V	691
1999 AG ₂₈	1999 01	18.29135	09 22 11.96	+15 20 54.7	20.2 V	691	1999 AZ ₂₈	1999 01	18.30520	09 11 08.71	+15 29 30.7	19.8 V	691
1999 AG ₂₈	1999 01	18.31284	09 22 10.76	+15 21 01.4	20.1 V	691	1999 AZ ₂₈	1999 01	18.32672	09 11 07.67	+15 29 36.4	20.1 V	691
1999 AG ₂₈	1999 01	18.33436	09 22 09.57	+15 21 08.3	20.1 V	691	1999 AA ₂₉	* 1999 01	13.44436	09 15 29.47	+15 29 42.3	19.5 V	691
1999 AH ₂₈	* 1999 01	11.44053	09 28 02.39	+14 58 22.3	20.8 V	691	1999 AA ₂₉	1999 01	13.46768	09 15 28.50	+15 29 49.8	19.4 V	691
1999 AH ₂₈	1999 01	11.46208	09 28 01.61	+14 58 27.6	20.8 V	691	1999 AA ₂₉	1999 01	13.48972	09 15 27.57	+15 29 55.7	19.8 V	691
1999 AH ₂₈	1999 01	11.48360	09 28 00.82	+14 58 32.4	20.9 V	691	1999 AA ₂₉	1999 01	18.34949	09 11 57.07	+15 56 35.8	19.7 V	691
1999 AH ₂₈	1999 01	18.31386	09 23 39.69	+15 27 42.9	21.0 V	691	1999 AA ₂₉	1999 01	18.37111	09 11 55.99	+15 56 43.5	19.7 V	691
1999 AH ₂₈	1999 01	18.33539	09 23 38.79	+15 27 48.8	20.9 V	691	1999 AA ₂₉	1999 01	18.39301	09 11 54.90	+15 56 51.1	19.8 V	691
1999 AJ ₂₈	* 1999 01	11.44216	09 30 24.01	+14 47 02.6	20.5 V	691	1999 AB ₂₉	* 1999 01	13.44459	09 15 49.23	+15 17 40.3	20.1 V	691
1999 AJ ₂₈	1999 01	11.46372	09 30 23.28	+14 47 08.1	20.5 V	691	1999 AB ₂₉	1999 01	13.46791	09 15 48.11	+15 17 46.2	19.9 V	691
1999 AJ ₂₈	1999 01	11.48524	09 30 22.56	+14 47 13.3	20.4 V	691	1999 AB ₂₉	1999 01	13.48994	09 15 47.00	+15 17 51.4	20.2 V	691
1999 AJ ₂₈	1999 01	18.29423	09 26 21.72	+15 16 38.5	20.6 V	691	1999 AB ₂₉	1999 01	18.34929	09 11 40.08	+15 38 35.1	19.9 V	691
1999 AJ ₂₈	1999 01	18.31573	09 26 20.85	+15 16 44.0	20.5 V	691	1999 AB ₂₉	1999 01	18.37091	09 11 38.90	+15 38 40.9	20.0 V	691
1999 AJ ₂₈	1999 01	18.33725	09 26 20.01	+15 16 49.7	20.7 V	691	1999 AB ₂₉	1999 01	18.39281	09 11 37.71	+15 38 46.6	20.1 V	691
1999 AK ₂₈	* 1999 01	13.08591	01 26 50.24	+10 28 09.2	20.5 V	691	1999 AC ₂₉	* 1999 01	13.44584	09 17 37.33	+15 13 31.5	19.5 V	691
1999 AK ₂₈	1999 01	13.11759	01 26 51.92	+10 28 19.5	19.9 V	691	1999 AC ₂₉	1999 01	13.46916	09 17 36.48	+15 13 36.0	19.5 V	691
1999 AK ₂₈	1999 01	13.14988	01 26 53.57	+10 28 30.9	20.0 V	691	1999 AC ₂₉	1999 01	13.49119	09 17 35.66	+15 13 40.8	19.6 V	691
1999 AK ₂₈	1999 01	18.10931	01 31 31.03	+10 56 53.6	20.1 V	691	1999 AC ₂₉	1999 01	18.28603	09 14 31.35	+15 30 49.4	19.5 V	691
1999 AK ₂₈	1999 01	18.13046	01 31 32.18	+10 57 00.9	20.0 V	691	1999 AC ₂₉	1999 01	18.30752	09 14 30.44	+15 30 54.1	19.6 V	691
1999 AK ₂₈	1999 01	18.15163	01 31 33.39	+10 57 08.1	20.1 V	691	1999 AC ₂₉	1999 01	18.32905	09 14 29.51	+15 30 59.5	19.3 V	691
1999 AL ₂₈	* 1999 01	13.09546	01 40 37.68	+10 05 53.7	19.8 V	691	1999 AC ₂₉	1999 01	18.35124	09 14 28.47	+15 31 04.0	19.4 V	691
1999 AL ₂₈	1999 01	13.12714	01 40 39.19	+10 05 56.2	20.0 V	691	1999 AC ₂₉	1999 01	18.37286	09 14 27.54	+15 31 09.2	19.3 V	691
1999 AL ₂₈	1999 01	13.15943	01 40 40.82	+10 05 58.9	19.9 V	691	1999 AC ₂₉	1999 01	18.39476	09 14 26.60	+15 31 13.9	19.5 V	691
1999 AL ₂₈	1999 01	19.11799	01 46 02.43	+10 16 06.5	20.0 V	691	1999 AD ₂₉	* 1999 01	13.44615	09 18 04.30	+15 23 45.4	20.7 V	691
1999 AL ₂₈	1999 01	19.13924	01 46 03.64	+10 16 09.4	20.1 V	691	1999 AD ₂₉	1999 01	13.46947	09 18 03.34	+15 23 50.6	20.4 V	691
1999 AL ₂₈	1999 01	19.16104	01 46 04.85	+10 16 11.8	20.0 V	691	1999 AD ₂₉	1999 01	13.49150	09 18 02.46	+15 23 55.5	20.6 V	691
1999 AM ₂₈	* 1999 01	13.09703	01 42 53.58	+10 16 41.3	20.9 V	691	1999 AD ₂₉	1999 01	18.35133	09 14 36.74	+15 42 51.9	20.4 V	691
1999 AM ₂₈	1999 01	13.12871	01 42 54.82	+10 16 50.6	20.5 V	691	1999 AD ₂₉	1999 01	18.37295	09 14 35.74	+15 42 57.1	20.4 V	691
1999 AM ₂₈	1999 01	13.16099	01 42 56.21	+10 17 00.9	20.9 V	691	1999 AD ₂₉	1999 01	18.39485	09 14 34.74	+15 43 02.5	20.5 V	691
1999 AM ₂₈	1999 01	18.11974	01 46 34.70	+10 41 53.5	20.5 V	691	1999 AE ₂₉	* 1999 01	13.44668	09 18 50.35	+15 12 58.2	19.3 V	691
1999 AM ₂₈	1999 01	18.16206	01 46 36.50	+10 42 06.6	21.4 V	691	1999 AE ₂₉	1999 01	13.47000	09 18 49.43	+15 13 00.5	19.4 V	691
1999 AN ₂₈	* 1999 01	13.18706	08 11 41.46	+16 42 04.5	20.4 V	691	1999 AE ₂₉	1999 01	13.49203	09 18 48.52	+15 13 02.7	19.6 V	691
1999 AN ₂₈	1999 01	13.20884	08 11 40.31	+16 42 03.3	20.1 V	691	1999 AE ₂₉	1999 01	18.28669	09 15 28.37	+15 22 01.1	19.3 V	691
1999 AN ₂₈	1999 01	13.23107	08 11 39.10	+16 42 02.5	20.3 V	691	1999 AE ₂₉	1999 01	18.30818	09 15 27.40	+15 22 03.6	19.4 V	691
1999 AN ₂₈	1999 01	18.19251	08 07 16.82	+16 38 27.6	20.3 V	691	1999 AE ₂₉	1999 01	18.32971	09 15 26.39	+15 22 06.6	19.4 V	691
1999 AN ₂₈	1999 01	18.21512	08 07 15.61	+16 38 27.2	20.1 V	691	1999 AF ₂₉	* 1999 01	13.44691	09 19 10.14	+15 28 09.0	20.7 V	691
1999 AN ₂₈	1999 01	18.23672	08 07 14.42	+16 38 25.9	20.0 V	691	1999 AF ₂₉	1999 01	13.47023	09 19 09.17	+15 28 12.8	20.8 V	691
1999 AO ₂₈	* 1999 01	13.19006	08 16 00.92	+16 31 30.0	20.0 V	691	1999 AF ₂₉	1999 01	13.49226	09 19 08.15	+15 28 14.5	20.7 V	691
1999 AO ₂₈	1999 01	13.21184	08 15 59.68	+16 31 34.9	20.4 V	691	1999 AF ₂₉	1999 01	18.35191	09 15 27.01	+15 41 04.8	20.3 V	691
1999 AO ₂₈	1999 01	13.23407	08 15 58.41	+16 31 40.7	20.1 V	691	1999 AF ₂₉	1999 01	18.37353	09 15 25.96	+15 41 08.2	20.9 V	691
1999 AO ₂₈	1999 01	18.19534	08 11 22.00	+16 51 00.5	19.2 V	691	1999 AF ₂₉	1999 01	18.39543	09 15 24.88	+15 41 12.2	20.5 V	691
1999 AO ₂₈	1999 01	18.21795	08 11 20.56	+16 51 06.4	19.7 V	691	1999 AG ₂₉	* 1999 01	13.44710	09 19 26.82	+15 09 24.1	19.9 V	691
1999 AO ₂₈	1999 01	18.23955	08 11 19.31	+16 51 11.7	19.6 V	691	1999 AG ₂₉	1999 01	13.47043	09 19 25.90	+15 09 29.2	19.9 V	691
1999 AP ₂₈	* 1999 01	13.19511	08 23 18.81	+16 51 02.3	19.2 V	691	1999 AG ₂₉	1999 01	13.49246	09 19 25.02	+15 09 33.7	19.9 V	691
1999 AP ₂₈	1999 01	13.21689	08 23 17.64	+16 51 01.1	19.3 V	691	1999 AG ₂₉	1999 01	18.28718	09 16 10.67	+15 27 50.7	19.9 V	691
1999 AP ₂₈	1999 01	13.23912	08 23 16.44	+16 50 58.8	19.2 V	691	1999 AG ₂₉	1999 01	18.30867	09 16 09.71	+15 27 55.7	20.1 V	691
1999 AP ₂₈	1999 01	18.20045	08 18 45.00	+16 44 29.4	19.1 V	691	1999 AG ₂₉	1999 01	18.33020	09 16 08.74	+15 28 01.2	19.8 V	691
1999 AP ₂₈	1999 01	18.22307	08 18 43.73	+16 44 27.6	19.1 V	691	1999 AH ₂₉	* 1999 01	13.44713	09 19 29.20	+15 23 42.9	19.3 V	691
1999 AP ₂₈	1999 01	18.24466	08 18 42.49	+16 44 26.4	19.2 V	691	1999 AH ₂₉	1999 01	13.47045	09 19 28.32	+15 23 46.5	19.4 V	691
1999 AQ ₂₈	* 1999 01	13.19869	08 28 28.95	+16 44 00.2	20.4 V	691	1999 AH ₂₉	1999 01	13.49248	09 19 27.46	+15 23 50.2	19.4 V	691
1999 AQ ₂₈	1999 01	13.22047	08 28 27.75	+16 44 02.3	20.4 V	691	1999 AH ₂₉	1999 01	18.35245	09 16 13.73	+15 38 09.4	19.6 V	691
1999 AQ ₂₈	1999 01	13.24270	08 28 26.47	+16 44 04.4	20.7 V	691	1999 AH ₂₉	1999 01	18.37407	09 16 12.77	+15 38 13.6	19.8 V	691
1999 AQ ₂₈	1999 01	18.20396	08 23 48.67	+16 52 24.0	20.2 V	691	1999 AH ₂						

1999 AP ₂₉	1999 01	18.31406	09 23 56.50	+15 24 31.8	21.0 V	691	1999 AJ ₃₀	1999 01	22.33170	08 17 46.17	+18 16 44.2	19.3 V	691
1999 AP ₂₉	1999 01	18.33558	09 23 55.86	+15 24 36.6	20.1 V	691	1999 AJ ₃₀	1999 01	22.35381	08 17 44.88	+18 16 44.0	19.4 V	691
1999 AQ ₂₉	* 1999 01	13.45368	09 28 56.50	+15 17 05.6	20.1 V	691	1999 AJ ₃₀	1999 01	22.37595	08 17 43.62	+18 16 44.2	19.1 V	691
1999 AQ ₂₉	1999 01	13.47701	09 28 55.90	+15 17 11.6	19.9 V	691	1999 AK ₃₀	* 1999 01	14.26033	08 26 00.49	+18 13 08.2	20.0 V	691
1999 AQ ₂₉	1999 01	13.49904	09 28 55.05	+15 17 16.6	20.1 V	691	1999 AK ₃₀	1999 01	14.28253	08 25 59.19	+18 13 12.2	19.5 V	691
1999 AQ ₂₉	1999 01	18.35898	09 25 38.94	+15 37 18.1	20.3 V	691	1999 AK ₃₀	1999 01	14.30486	08 25 57.92	+18 13 16.4	20.0 V	691
1999 AQ ₂₉	1999 01	18.38060	09 25 37.89	+15 37 24.2	20.3 V	691	1999 AK ₃₀	1999 01	22.39964	08 18 10.71	+18 38 41.8	19.4 V	691
1999 AQ ₂₉	1999 01	18.40250	09 25 36.86	+15 37 29.7	20.7 V	691	1999 AK ₃₀	1999 01	22.42167	08 18 09.36	+18 38 46.1	19.5 V	691
1999 AR ₂₉	* 1999 01	13.45442	09 30 00.41	+15 20 10.6	19.4 V	691	1999 AK ₃₀	1999 01	22.44312	08 18 08.09	+18 38 50.0	19.5 V	691
1999 AR ₂₉	1999 01	13.47774	09 29 59.26	+15 20 12.0	19.4 V	691	1999 AL ₃₀	* 1999 01	14.26047	08 26 12.47	+18 15 28.0	20.1 V	691
1999 AR ₂₉	1999 01	13.49977	09 29 58.22	+15 20 12.8	19.5 V	691	1999 AL ₃₀	1999 01	14.30500	08 26 10.09	+18 15 41.7	20.0 V	691
1999 AR ₂₉	1999 01	18.29395	09 25 57.07	+15 25 04.2	19.7 V	691	1999 AL ₃₀	1999 01	22.40011	08 18 51.09	+18 58 21.1	19.5 V	691
1999 AR ₂₉	1999 01	18.31544	09 25 55.88	+15 25 05.6	19.6 V	691	1999 AL ₃₀	1999 01	22.42213	08 18 49.81	+18 58 27.5	19.5 V	691
1999 AR ₂₉	1999 01	18.33696	09 25 54.67	+15 25 07.1	19.6 V	691	1999 AL ₃₀	1999 01	22.44358	08 18 48.61	+18 58 34.3	19.7 V	691
1999 AS ₂₉	* 1999 01	13.45463	09 30 18.86	+15 02 28.2	19.6 V	691	1999 AM ₃₀	* 1999 01	14.26175	08 28 04.16	+18 20 01.4	20.4 V	691
1999 AS ₂₉	1999 01	13.47795	09 30 17.95	+15 02 29.2	20.3 V	691	1999 AM ₃₀	1999 01	14.28396	08 28 03.05	+18 20 05.1	20.2 V	691
1999 AS ₂₉	1999 01	13.49998	09 30 17.06	+15 02 30.8	20.3 V	691	1999 AM ₃₀	1999 01	14.30629	08 28 01.90	+18 20 08.2	20.5 V	691
1999 AS ₂₉	1999 01	18.29465	09 26 57.86	+15 09 43.5	20.3 V	691	1999 AM ₃₀	1999 01	22.40173	08 21 11.15	+18 41 37.3	19.5 V	691
1999 AS ₂₉	1999 01	18.31614	09 26 56.82	+15 09 45.5	20.0 V	691	1999 AM ₃₀	1999 01	22.42375	08 21 09.93	+18 41 41.2	19.9 V	691
1999 AS ₂₉	1999 01	18.33767	09 26 55.94	+15 09 47.5	20.0 V	691	1999 AN ₃₀	1999 01	22.44520	08 21 08.80	+18 41 44.6	19.9 V	691
1999 AT ₂₉	* 1999 01	13.45533	09 31 19.60	+15 11 20.6	20.4 V	691	1999 AN ₃₀	* 1999 01	14.26222	08 28 44.68	+18 00 29.1	18.8 V	691
1999 AT ₂₉	1999 01	13.47865	09 31 18.46	+15 11 26.1	20.3 V	691	1999 AN ₃₀	1999 01	14.28443	08 28 43.28	+18 00 33.1	18.8 V	691
1999 AT ₂₉	1999 01	13.50068	09 31 17.37	+15 11 29.8	20.8 V	691	1999 AN ₃₀	1999 01	14.30676	08 28 41.84	+18 00 37.2	18.8 V	691
1999 AT ₂₉	1999 01	18.29487	09 27 17.08	+15 29 45.1	21.0 V	691	1999 AN ₃₀	1999 01	22.33339	08 20 12.50	+18 25 23.4	18.4 V	691
1999 AT ₂₉	1999 01	18.31636	09 27 15.90	+15 29 50.8	20.7 V	691	1999 AN ₃₀	1999 01	22.35550	08 20 11.04	+18 25 27.8	18.5 V	691
1999 AT ₂₉	1999 01	18.33788	09 27 14.72	+15 29 55.3	20.7 V	691	1999 AO ₃₀	1999 01	22.37763	08 20 09.58	+18 25 31.6	18.3 V	691
1999 AU ₂₉	* 1999 01	13.45559	09 31 42.52	+15 30 43.5	20.6 V	691	1999 AO ₃₀	* 1999 01	14.26378	08 31 00.01	+18 27 04.0	18.6 V	691
1999 AU ₂₉	1999 01	13.47891	09 31 41.29	+15 30 46.5	20.6 V	691	1999 AO ₃₀	1999 01	14.28599	08 30 58.55	+18 27 06.2	18.6 V	691
1999 AU ₂₉	1999 01	13.50094	09 31 40.24	+15 30 49.7	19.7 V	691	1999 AO ₃₀	1999 01	14.30832	08 30 57.10	+18 27 08.4	18.7 V	691
1999 AU ₂₉	1999 01	18.36017	09 27 22.57	+15 41 33.2	20.3 V	691	1999 AO ₃₀	1999 01	22.40235	08 22 05.08	+18 40 44.3	18.1 V	691
1999 AU ₂₉	1999 01	18.40369	09 27 20.02	+15 41 39.8	20.3 V	691	1999 AO ₃₀	1999 01	22.42437	08 22 03.58	+18 40 46.6	18.2 V	691
1999 AV ₂₉	* 1999 01	13.45578	09 31 58.47	+15 11 23.1	18.4 V	691	1999 AO ₃₀	1999 01	22.44582	08 22 02.12	+18 40 48.7	18.2 V	691
1999 AV ₂₉	1999 01	13.47911	09 31 57.86	+15 11 34.6	18.4 V	691	1999 AP ₃₀	* 1999 01	14.32289	08 20 23.16	+18 56 32.4	21.1 V	691
1999 AV ₂₉	1999 01	13.50114	09 31 57.26	+15 11 44.2	18.4 V	691	1999 AP ₃₀	1999 01	14.34704	08 20 21.70	+18 56 29.9	20.9 V	691
1999 AV ₂₉	1999 01	18.36180	09 29 43.87	+15 51 58.4	18.7 V	691	1999 AP ₃₀	1999 01	14.36917	08 20 20.43	+18 56 28.2	22.0 V	691
1999 AV ₂₉	1999 01	18.38343	09 29 43.09	+15 52 09.9	18.7 V	691	1999 AP ₃₀	1999 01	22.39573	08 12 31.72	+18 45 50.0	20.3 V	691
1999 AV ₂₉	1999 01	18.40533	09 29 42.31	+15 52 21.6	18.7 V	691	1999 AP ₃₀	1999 01	22.41776	08 12 30.50	+18 45 47.9	21.0 V	691
1999 AW ₂₉	* 1999 01	13.45612	09 32 28.44	+15 14 51.4	20.0 V	691	1999 AP ₃₀	1999 01	22.43920	08 12 29.21	+18 45 46.1	20.9 V	691
1999 AW ₂₉	1999 01	13.47945	09 32 27.61	+15 14 54.1	20.4 V	691	1999 AQ ₃₀	* 1999 01	14.32539	08 24 00.33	+18 48 26.4	19.7 V	691
1999 AW ₂₉	1999 01	13.50148	09 32 26.83	+15 14 55.6	20.2 V	691	1999 AQ ₃₀	1999 01	14.34954	08 23 58.65	+18 48 28.6	19.7 V	691
1999 AW ₂₉	1999 01	18.29642	09 29 31.42	+15 22 28.2	20.5 V	691	1999 AQ ₃₀	1999 01	14.37167	08 23 57.05	+18 48 30.2	19.8 V	691
1999 AW ₂₉	1999 01	18.31791	09 29 30.47	+15 22 30.3	20.6 V	691	1999 AQ ₃₀	1999 01	22.39714	08 14 33.47	+18 59 12.8	19.1 V	691
1999 AW ₂₉	1999 01	18.33944	09 29 29.55	+15 22 32.6	20.2 V	691	1999 AQ ₃₀	1999 01	22.41916	08 14 31.87	+18 59 14.3	19.0 V	691
1999 AX ₂₉	* 1999 01	13.51255	09 57 37.88	+12 52 32.8	20.0 V	691	1999 AQ ₃₀	1999 01	22.44060	08 14 30.32	+18 59 16.0	19.1 V	691
1999 AX ₂₉	1999 01	13.53075	09 57 37.28	+12 52 36.8	20.0 V	691	1999 AR ₃₀	* 1999 01	14.32828	08 28 10.56	+18 35 24.7	19.1 V	691
1999 AX ₂₉	1999 01	18.48379	09 54 32.69	+13 13 22.4	20.8 V	691	1999 AR ₃₀	1999 01	14.35243	08 28 09.29	+18 35 29.0	19.0 V	691
1999 AX ₂₉	1999 01	18.50593	09 54 31.81	+13 13 28.2	20.3 V	691	1999 AR ₃₀	1999 01	14.37457	08 28 08.12	+18 35 33.1	19.1 V	691
1999 AX ₂₉	1999 01	18.52732	09 54 30.88	+13 13 33.7	20.0 V	691	1999 AR ₃₀	1999 01	22.40166	08 21 05.71	+19 00 27.2	18.6 V	691
1999 AY ₂₉	* 1999 01	13.52042	10 08 59.57	+12 54 48.8	19.3 V	691	1999 AR ₃₀	1999 01	22.42369	08 21 04.51	+19 00 31.1	18.5 V	691
1999 AY ₂₉	1999 01	13.53862	10 08 59.09	+12 54 53.4	19.4 V	691	1999 AR ₃₀	1999 01	22.44514	08 21 03.34	+19 00 35.1	18.7 V	691
1999 AY ₂₉	1999 01	18.49214	10 06 36.11	+13 15 32.8	19.2 V	691	1999 AS ₃₀	* 1999 01	14.38389	08 35 27.79	+16 21 50.2	18.9 V	691
1999 AY ₂₉	1999 01	18.51428	10 06 35.35	+13 15 39.3	19.3 V	691	1999 AS ₃₀	1999 01	14.40560	08 35 26.41	+16 21 52.8	19.5 V	691
1999 AY ₂₉	1999 01	18.53567	10 06 34.60	+13 15 44.8	19.2 V	691	1999 AS ₃₀	1999 01	18.20936	08 31 36.71	+16 36 00.5	19.6 V	691
1999 AZ ₂₉	* 1999 01	14.07311	01 23 50.62	+10 44 34.9	19.7 V	691	1999 AS ₃₀	1999 01	18.23197	08 31 35.30	+16 36 05.9	20.0 V	691
1999 AZ ₂₉	1999 01	14.10460	01 23 52.33	+10 44 32.5	19.8 V	691	1999 AS ₃₀	1999 01	18.25357	08 31 33.94	+16 36 10.7	19.9 V	691
1999 AZ ₂₉	1999 01	14.13614	01 23 54.12	+10 44 30.3	20.3 V	691	1999 AT ₃₀	* 1999 01	14.38393	08 35 34.47	+16 15 52.2	19.0 V	691
1999 AZ ₂₉	1999 01	22.09169	01 32 00.88	+10 42 27.1	19.2 V	691	1999 AT ₃₀	1999 01	14.40564	08 35 33.51	+16 15 59.3	19.2 V	691
1999 AZ ₂₉	1999 01	22.09732	01 32 01.25	+10 42 26.9	19.1 V	691	1999 AT ₃₀	1999 01	14.43637	08 35 32.15	+16 16 09.3	19.2 V	691
1999 AZ ₂₉	1999 01	22.10343	01 32 01.60	+10 42 27.0	19.1 V	691	1999 AT ₃₀	1999 01	18.21018	08 32 47.61	+16 37 59.4	18.3 V	691
1999 AA ₃₀	* 1999 01	14.08455	01 40 29.31	+10 48 26.1	20.3 V	691	1999 AT ₃₀	1999 01	18.23280	08 32 46.57	+16 38 07.4	18.4 V	691
1999 AA ₃₀	1999 01	14.11605	01 40 30.25	+10 48 31.4	20.3 V	691	1999 AU ₃₀	1999 01	18.25440	08 32 45.59	+16 38 15.1	18.4 V	691
1999 AA ₃₀	1999 01	14.14759	01 40 31.11	+10 48 36.6	20.4 V	691	1999 AU ₃₀	* 1999 01	14.38738	08 40 48.86	+16 15 14.9	17.7 V	691
1999 AA ₃₀	1999 01	18.11697	01 42 34.00	+11 00 48.2	20.0 V	691	1999 AU ₃₀	1999 01	14.40909	08 40 47.55	+16 15 25.2	17.6 V	691
1999 AA ₃₀	1999 01	18.15927	01 42 35.26	+11 00 55.6	19.9 V	691	1999 AU ₃₀	1999 01	14.43981	08 40 45.73	+16 15 39.6	17.8 V	691
1999 AB ₃₀	* 1999 01	14.25119	08 12 49.17	+18 01 06.5	18.8 V	691	1999 AU ₃₀	1999 01	17.31968	08 37 58.51	+16 39 01.8	18.0 V	691
1999 AB ₃₀	1999 01	14.27340	08 12 47.89	+18 01 12.8	18.7 V	691	1999 AV						

1999 AD ₃₁	* 1999 01	14.40093	09 00	22.60	+16 28	47.1	19.8	V	691	1999 AW ₃₁	1999 01	19.47552	09 57	56.10	+13 42	53.3	19.8	V	691
1999 AD ₃₁	1999 01	14.42264	09 00	21.61	+16 28	54.9	19.6	V	691	1999 AW ₃₁	1999 01	19.49759	09 57	55.24	+13 42	57.9	19.8	V	691
1999 AD ₃₁	1999 01	14.45337	09 00	20.20	+16 29	06.1	19.5	V	691	1999 AX ₃₁	* 1999 01	15.15978	01 40	13.85	+09 45	48.1	19.9	V	691
1999 AD ₃₁	1999 01	17.33366	08 58	09.61	+16 46	27.8	20.1	V	691	1999 AX ₃₁	1999 01	15.18099	01 40	15.05	+09 45	56.2	19.9	V	691
1999 AD ₃₁	1999 01	17.35556	08 58	08.57	+16 46	35.9	20.0	V	691	1999 AX ₃₁	1999 01	15.20201	01 40	16.23	+09 46	04.2	20.1	V	691
1999 AE ₃₁	* 1999 01	14.40117	09 00	43.28	+16 23	09.1	20.5	V	691	1999 AX ₃₁	1999 01	19.11664	01 44	06.15	+10 11	39.3	20.1	V	691
1999 AE ₃₁	1999 01	14.42288	09 00	42.17	+16 23	14.8	20.8	V	691	1999 AX ₃₁	1999 01	19.13790	01 44	07.41	+10 11	47.7	20.2	V	691
1999 AE ₃₁	1999 01	14.45360	09 00	40.64	+16 23	22.5	20.4	V	691	1999 AX ₃₁	1999 01	19.15970	01 44	08.72	+10 11	56.2	19.7	V	691
1999 AE ₃₁	1999 01	17.33377	08 58	19.61	+16 36	00.5	20.9	V	691	1999 AY ₃₁	* 1999 01	15.16010	01 40	42.02	+09 53	55.2	20.3	V	691
1999 AE ₃₁	1999 01	17.35567	08 58	18.43	+16 36	06.6	20.6	V	691	1999 AY ₃₁	1999 01	15.18131	01 40	42.71	+09 54	02.5	20.4	V	691
1999 AF ₃₁	* 1999 01	14.40144	09 01	06.57	+16 18	34.6	20.2	V	691	1999 AY ₃₁	1999 01	15.20232	01 40	43.43	+09 54	10.3	20.0	V	691
1999 AF ₃₁	1999 01	14.42315	09 01	05.61	+16 18	42.4	20.2	V	691	1999 AY ₃₁	1999 01	19.11591	01 43	02.26	+10 18	16.1	20.3	V	691
1999 AF ₃₁	1999 01	14.45387	09 01	04.25	+16 18	52.8	20.1	V	691	1999 AY ₃₁	1999 01	19.13716	01 43	03.03	+10 18	24.4	20.5	V	691
1999 AF ₃₁	1999 01	17.33422	08 58	58.41	+16 35	46.8	20.3	V	691	1999 AY ₃₁	1999 01	19.15895	01 43	03.82	+10 18	32.3	20.8	V	691
1999 AF ₃₁	1999 01	17.35612	08 58	57.40	+16 35	54.7	20.2	V	691	1999 AZ ₃₁	* 1999 01	15.16165	01 42	56.12	+09 58	07.0	20.7	V	691
1999 AG ₃₁	* 1999 01	14.40267	09 02	52.72	+16 24	52.2	20.4	V	691	1999 AZ ₃₁	1999 01	15.18286	01 42	56.94	+09 58	11.5	21.0	V	691
1999 AG ₃₁	1999 01	14.42438	09 02	51.76	+16 25	01.0	20.4	V	691	1999 AZ ₃₁	1999 01	15.20387	01 42	57.77	+09 58	15.9	21.0	V	691
1999 AG ₃₁	1999 01	14.45510	09 02	50.39	+16 25	12.0	20.3	V	691	1999 AZ ₃₁	1999 01	19.11773	01 45	39.79	+10 12	58.8	20.6	V	691
1999 AG ₃₁	1999 01	17.33543	09 00	43.08	+16 43	38.8	20.4	V	691	1999 AZ ₃₁	1999 01	19.13898	01 45	40.67	+10 13	03.3	20.8	V	691
1999 AG ₃₁	1999 01	17.35733	09 00	42.04	+16 43	47.7	20.3	V	691	1999 AZ ₃₁	1999 01	19.16078	01 45	41.58	+10 13	08.5	20.9	V	691
1999 AH ₃₁	* 1999 01	14.47777	09 53	50.68	+13 07	07.0	20.0	V	691	1999 AA ₃₂	* 1999 01	15.22578	08 18	04.95	+20 22	39.9	21.2	V	691
1999 AH ₃₁	1999 01	14.49937	09 53	49.75	+13 07	13.6	19.7	V	691	1999 AA ₃₂	1999 01	15.24807	08 18	03.31	+20 22	40.8	21.4	V	691
1999 AH ₃₁	1999 01	14.53050	09 53	48.45	+13 07	23.1	20.0	V	691	1999 AA ₃₂	1999 01	15.27220	08 18	01.53	+20 22	42.4	21.3	V	691
1999 AH ₃₁	1999 01	18.48129	09 50	55.97	+13 29	35.1	19.5	V	691	1999 AA ₃₂	1999 01	22.16710	08 09	40.67	+20 28	29.0	20.5	V	691
1999 AH ₃₁	1999 01	18.50342	09 50	54.89	+13 29	42.6	19.4	V	691	1999 AA ₃₂	1999 01	22.18932	08 09	39.03	+20 28	29.6	20.7	V	691
1999 AH ₃₁	1999 01	18.52481	09 50	53.85	+13 29	50.5	19.4	V	691	1999 AA ₃₂	1999 01	22.21162	08 09	37.37	+20 28	30.3	21.3	V	691
1999 AJ ₃₁	* 1999 01	14.48134	09 59	00.09	+13 19	23.8	20.0	V	691	1999 AB ₃₂	* 1999 01	15.22791	08 21	09.58	+20 16	50.0	21.4	V	691
1999 AJ ₃₁	1999 01	14.50294	09 58	59.35	+13 19	27.4	20.2	V	691	1999 AB ₃₂	1999 01	15.25020	08 21	08.40	+20 17	00.6	21.5	V	691
1999 AJ ₃₁	1999 01	14.53408	09 58	58.29	+13 19	32.3	20.4	V	691	1999 AB ₃₂	1999 01	15.27434	08 21	07.11	+20 17	12.4	21.1	V	691
1999 AJ ₃₁	1999 01	19.45249	09 56	01.92	+13 34	57.5	19.9	V	691	1999 AB ₃₂	1999 01	23.23608	08 14	08.38	+21 17	57.2	20.7	V	691
1999 AJ ₃₁	1999 01	19.47420	09 56	00.99	+13 35	02.3	20.2	V	691	1999 AB ₃₂	1999 01	23.25865	08 14	07.16	+21 18	08.4	21.0	V	691
1999 AJ ₃₁	1999 01	19.49626	09 56	00.11	+13 35	06.4	20.2	V	691	1999 AB ₃₂	1999 01	23.28113	08 14	05.90	+21 18	18.5	20.9	V	691
1999 AK ₃₁	* 1999 01	14.48135	09 59	01.26	+13 05	03.4	17.3	V	691	1999 AC ₃₂	* 1999 01	15.23039	08 24	43.61	+20 29	05.6	20.6	V	691
1999 AK ₃₁	1999 01	14.50296	09 59	00.67	+13 05	10.3	17.4	V	691	1999 AC ₃₂	1999 01	15.25267	08 24	42.19	+20 29	12.0	20.8	V	691
1999 AK ₃₁	1999 01	14.53410	09 58	59.79	+13 05	19.8	17.4	V	691	1999 AC ₃₂	1999 01	15.27680	08 24	40.65	+20 29	19.0	20.8	V	691
1999 AK ₃₁	1999 01	18.48553	09 57	03.45	+13 27	38.9	17.2	V	691	1999 AC ₃₂	1999 01	23.23755	08 16	16.09	+21 06	21.5	20.4	V	691
1999 AK ₃₁	1999 01	18.50767	09 57	02.68	+13 27	47.0	17.3	V	691	1999 AC ₃₂	1999 01	23.26013	08 16	14.60	+21 06	27.6	20.1	V	691
1999 AK ₃₁	1999 01	18.52906	09 57	01.93	+13 27	54.5	17.3	V	691	1999 AC ₃₂	1999 01	23.28260	08 16	13.12	+21 06	33.7	20.8	V	691
1999 AL ₃₁	* 1999 01	14.48222	10 00	16.20	+13 29	55.8	19.1	V	691	1999 AD ₃₂	* 1999 01	15.23062	08 25	04.17	+20 11	27.1	17.2	V	691
1999 AL ₃₁	1999 01	14.50382	10 00	15.47	+13 30	02.6	19.2	V	691	1999 AD ₃₂	1999 01	15.25291	08 25	02.80	+20 11	36.6	17.3	V	691
1999 AL ₃₁	1999 01	14.53496	10 00	14.40	+13 30	12.2	19.1	V	691	1999 AD ₃₂	1999 01	15.27704	08 25	01.31	+20 11	47.2	17.1	V	691
1999 AL ₃₁	1999 01	19.45335	09 57	16.36	+13 57	13.9	19.0	V	691	1999 AD ₃₂	1999 01	23.23792	08 16	47.72	+21 09	04.4	16.8	V	691
1999 AL ₃₁	1999 01	19.47506	09 57	15.47	+13 57	21.1	19.1	V	691	1999 AD ₃₂	1999 01	23.26049	08 16	46.25	+21 09	14.2	16.9	V	691
1999 AL ₃₁	1999 01	19.49712	09 57	14.57	+13 57	28.8	19.0	V	691	1999 AD ₃₂	1999 01	23.28297	08 16	44.77	+21 09	23.9	16.8	V	691
1999 AM ₃₁	* 1999 01	14.48332	10 01	51.24	+13 30	00.4	18.8	V	691	1999 AE ₃₂	* 1999 01	15.23068	08 25	08.78	+20 07	12.7	20.2	V	691
1999 AM ₃₁	1999 01	14.50492	10 01	50.61	+13 30	07.4	18.7	V	691	1999 AE ₃₂	1999 01	15.25296	08 25	07.41	+20 07	21.5	20.3	V	691
1999 AM ₃₁	1999 01	14.53606	10 01	49.60	+13 30	17.2	18.4	V	691	1999 AE ₃₂	1999 01	15.27710	08 25	05.89	+20 07	32.2	20.0	V	691
1999 AM ₃₁	1999 01	19.45470	09 59	13.14	+13 57	31.9	18.8	V	691	1999 AE ₃₂	1999 01	23.23797	08 16	52.46	+21 02	02.2	19.6	V	691
1999 AM ₃₁	1999 01	19.47640	09 59	12.33	+13 57	39.5	19.0	V	691	1999 AE ₃₂	1999 01	23.26055	08 16	50.97	+21 02	11.4	19.6	V	691
1999 AM ₃₁	1999 01	19.49847	09 59	11.51	+13 57	47.0	18.8	V	691	1999 AE ₃₂	1999 01	23.28302	08 16	49.47	+21 02	21.0	19.7	V	691
1999 AN ₃₁	* 1999 01	14.48365	10 02	20.12	+13 20	34.8	18.8	V	691	1999 AF ₃₂	* 1999 01	15.23496	08 31	20.01	+20 21	15.4	20.2	V	691
1999 AN ₃₁	1999 01	14.50525	10 02	19.26	+13 20	38.6	18.7	V	691	1999 AF ₃₂	1999 01	15.25725	08 31	18.62	+20 21	25.9	20.2	V	691
1999 AN ₃₁	1999 01	14.53639	10 02	18.01	+13 20	44.0	18.8	V	691	1999 AF ₃₂	1999 01	15.28138	08 31	17.11	+20 21	37.2	20.4	V	691
1999 AN ₃₁	1999 01	19.45443	09 58	49.81	+13 36	21.7	18.6	V	691	1999 AF ₃₂	1999 01	23.24226	08 23	03.69	+21 21	45.6	20.0	V	691
1999 AN ₃₁	1999 01	19.47613	09 58	48.80	+13 36	26.2	18.7	V	691	1999 AF ₃₂	1999 01	23.26483	08 23	02.22	+21 21	55.5	19.9	V	691
1999 AN ₃₁	1999 01	19.49820	09 58	47.74	+13 36	30.7	18.5	V	691	1999 AF ₃₂	1999 01	23.28731	08 23	00.67	+21 22	06.0	19.6	V	691
1999 AO ₃₁	* 1999 01	14.48424	10 03	11.36	+13 27	37.6	18.4	V	691	1999 AG ₃₂	* 1999 01	15.29157	08 09	36.33	+20 48	25.3	20.1	V	691
1999 AO ₃₁	1999 01	14.50584	10 03	10.61	+13 27	40.1	18.3	V	691	1999 AG ₃₂	1999 01	15.31381	08 09	34.90	+20 48	34.7	20.1	V	691
1999 AO ₃₁																			

1999 AP ₃₂	1999 01	15.34451	08 21 40.66	+20 35 02.4	19.6 V	691	1999 AH ₃₃	1999 01	19.38248	08 14 49.61	+19 43 26.5	20.4 V	691
1999 AP ₃₂	1999 01	23.23677	08 15 08.28	+21 07 12.6	19.4 V	691	1999 AH ₃₃	1999 01	19.40627	08 14 48.16	+19 43 38.2	20.9 V	691
1999 AP ₃₂	1999 01	23.25935	08 15 07.10	+21 07 18.2	19.6 V	691	1999 AJ ₃₃	* 1999 01	15.37084	08 24 57.03	+19 23 22.4	17.9 V	691
1999 AP ₃₂	1999 01	23.28183	08 15 05.95	+21 07 23.6	19.6 V	691	1999 AJ ₃₃	1999 01	15.40213	08 24 55.06	+19 23 37.0	17.6 V	691
1999 AQ ₃₂	* 1999 01	15.30085	08 23 00.10	+20 49 37.5	20.5 V	691	1999 AJ ₃₃	1999 01	15.42421	08 24 53.71	+19 23 46.6	17.7 V	691
1999 AQ ₃₂	1999 01	15.32309	08 22 58.68	+20 49 41.7	20.4 V	691	1999 AJ ₃₃	1999 01	19.38668	08 20 53.32	+19 53 38.2	17.4 V	691
1999 AQ ₃₂	1999 01	15.34539	08 22 57.27	+20 49 46.2	20.5 V	691	1999 AJ ₃₃	1999 01	19.41047	08 20 51.78	+19 53 49.0	17.4 V	691
1999 AQ ₃₂	1999 01	23.23651	08 14 45.66	+21 12 34.4	20.2 V	691	1999 AK ₃₃	* 1999 01	15.37336	08 28 35.88	+19 20 14.8	19.5 V	691
1999 AQ ₃₂	1999 01	23.25908	08 14 44.23	+21 12 38.5	20.0 V	691	1999 AK ₃₃	1999 01	15.40465	08 28 33.78	+19 20 28.5	19.6 V	691
1999 AQ ₃₂	1999 01	23.28156	08 14 42.80	+21 12 42.4	20.5 V	691	1999 AK ₃₃	1999 01	15.42673	08 28 32.29	+19 20 37.2	19.5 V	691
1999 AR ₃₂	* 1999 01	15.30336	08 26 37.54	+20 53 57.1	21.3 V	691	1999 AK ₃₃	1999 01	22.17499	08 21 04.19	+20 07 10.2	18.8 V	691
1999 AR ₃₂	1999 01	15.32560	08 26 36.37	+20 54 00.9	21.2 V	691	1999 AK ₃₃	1999 01	22.19721	08 21 02.65	+20 07 19.2	18.7 V	691
1999 AR ₃₂	1999 01	15.34791	08 26 35.22	+20 54 04.6	21.0 V	691	1999 AK ₃₃	1999 01	22.21951	08 21 01.16	+20 07 28.7	18.9 V	691
1999 AR ₃₂	1999 01	23.24000	08 19 48.11	+21 15 44.3	20.9 V	691	1999 AL ₃₃	* 1999 01	15.37512	08 31 07.95	+19 15 41.4	21.2 V	691
1999 AR ₃₂	1999 01	23.26258	08 19 46.87	+21 15 48.7	20.9 V	691	1999 AL ₃₃	1999 01	15.40641	08 31 06.17	+19 15 53.5	21.2 V	691
1999 AR ₃₂	1999 01	23.28506	08 19 45.67	+21 15 52.1	20.8 V	691	1999 AL ₃₃	1999 01	15.42849	08 31 04.90	+19 16 01.7	21.3 V	691
1999 AS ₃₂	* 1999 01	15.30520	08 29 17.21	+20 33 55.6	20.1 V	691	1999 AL ₃₃	1999 01	19.39117	08 27 22.17	+19 40 28.2	21.0 V	691
1999 AS ₃₂	1999 01	15.32744	08 29 15.84	+20 34 01.8	20.0 V	691	1999 AL ₃₃	1999 01	19.41496	08 27 20.72	+19 40 36.7	20.9 V	691
1999 AS ₃₂	1999 01	15.34795	08 29 14.47	+20 34 09.2	20.4 V	691	1999 AM ₃₃	* 1999 01	15.37512	08 31 08.17	+19 25 16.1	21.5 V	691
1999 AS ₃₂	1999 01	23.24089	08 21 05.16	+21 14 08.8	19.6 V	691	1999 AM ₃₃	1999 01	15.40641	08 31 06.06	+19 25 30.7	20.9 V	691
1999 AS ₃₂	1999 01	23.28594	08 21 02.19	+21 14 22.7	19.8 V	691	1999 AM ₃₃	1999 01	15.42849	08 31 04.59	+19 25 39.8	21.3 V	691
1999 AT ₃₂	* 1999 01	15.30616	08 30 39.87	+20 43 24.1	20.8 V	691	1999 AM ₃₃	1999 01	19.39077	08 26 47.62	+19 54 15.7	21.1 V	691
1999 AT ₃₂	1999 01	15.32840	08 30 38.71	+20 43 28.2	20.6 V	691	1999 AM ₃₃	1999 01	19.41456	08 26 46.03	+19 54 26.5	21.0 V	691
1999 AT ₃₂	1999 01	15.35071	08 30 37.55	+20 43 32.7	20.7 V	691	1999 AN ₃₃	* 1999 01	15.43829	09 09 00.44	+14 47 24.3	19.0 V	691
1999 AT ₃₂	1999 01	23.24272	08 23 44.07	+21 07 59.7	19.5 V	691	1999 AN ₃₃	1999 01	15.45989	09 08 59.50	+14 47 35.3	19.0 V	691
1999 AT ₃₂	1999 01	23.26530	08 23 42.85	+21 08 03.6	19.7 V	691	1999 AN ₃₃	1999 01	15.48143	09 08 58.53	+14 47 45.5	18.9 V	691
1999 AT ₃₂	1999 01	23.28778	08 23 41.62	+21 08 07.7	19.9 V	691	1999 AN ₃₃	1999 01	18.28077	09 06 55.06	+15 11 57.1	19.1 V	691
1999 AU ₃₂	* 1999 01	15.30629	08 30 51.25	+20 39 46.2	18.4 V	691	1999 AN ₃₃	1999 01	18.30226	09 06 54.03	+15 12 09.1	19.0 V	691
1999 AU ₃₂	1999 01	15.32853	08 30 50.03	+20 39 50.2	18.4 V	691	1999 AN ₃₃	1999 01	18.32378	09 06 53.01	+15 12 20.5	19.0 V	691
1999 AU ₃₂	1999 01	15.35084	08 30 48.80	+20 39 54.4	18.3 V	691	1999 AO ₃₃	* 1999 01	15.44346	09 16 27.99	+14 30 28.9	20.3 V	691
1999 AU ₃₂	1999 01	23.24260	08 23 33.84	+21 02 35.7	18.0 V	691	1999 AO ₃₃	1999 01	15.46505	09 16 27.11	+14 30 33.6	20.1 V	691
1999 AU ₃₂	1999 01	23.26518	08 23 32.54	+21 02 39.5	18.1 V	691	1999 AO ₃₃	1999 01	15.48660	09 16 26.25	+14 30 38.0	19.7 V	691
1999 AU ₃₂	1999 01	23.28766	08 23 31.24	+21 02 43.4	18.1 V	691	1999 AO ₃₃	1999 01	23.41360	09 10 49.42	+15 00 41.8	19.6 V	691
1999 AV ₃₂	* 1999 01	15.30645	08 31 04.94	+20 35 26.2	19.3 V	691	1999 AO ₃₃	1999 01	23.43507	09 10 48.41	+15 00 46.6	19.8 V	691
1999 AV ₃₂	1999 01	15.32869	08 31 03.79	+20 35 30.5	19.4 V	691	1999 AP ₃₃	1999 01	23.45639	09 10 47.41	+15 00 51.9	19.8 V	691
1999 AV ₃₂	1999 01	15.35100	08 31 02.64	+20 35 35.5	19.3 V	691	1999 AP ₃₃	* 1999 01	15.44393	09 17 09.45	+14 58 03.2	20.5 V	691
1999 AV ₃₂	1999 01	23.24306	08 24 13.47	+21 02 29.5	19.0 V	691	1999 AP ₃₃	1999 01	15.46553	09 17 08.48	+14 58 10.6	20.4 V	691
1999 AV ₃₂	1999 01	23.26564	08 24 12.30	+21 02 35.3	18.6 V	691	1999 AP ₃₃	1999 01	15.48707	09 17 07.51	+14 58 17.1	20.5 V	691
1999 AV ₃₂	1999 01	23.28812	08 24 11.00	+21 02 38.6	19.1 V	691	1999 AP ₃₃	1999 01	18.28639	09 15 02.32	+15 13 33.9	20.6 V	691
1999 AW ₃₂	* 1999 01	15.30674	08 31 30.68	+20 35 03.4	20.7 V	691	1999 AP ₃₃	1999 01	18.30788	09 15 01.28	+15 13 40.9	20.4 V	691
1999 AW ₃₂	1999 01	15.32898	08 31 29.44	+20 35 12.0	20.5 V	691	1999 AP ₃₃	1999 01	18.32940	09 15 00.23	+15 13 48.5	20.2 V	691
1999 AW ₃₂	1999 01	15.35129	08 31 28.19	+20 35 20.9	20.4 V	691	1999 AQ ₃₃	* 1999 01	15.44414	09 17 27.52	+14 55 25.6	17.9 V	691
1999 AW ₃₂	1999 01	23.24300	08 24 08.22	+21 25 11.6	20.2 V	691	1999 AQ ₃₃	1999 01	15.46574	09 17 26.22	+14 55 23.4	18.1 V	691
1999 AW ₃₂	1999 01	23.26558	08 24 07.03	+21 25 21.1	19.4 V	691	1999 AQ ₃₃	1999 01	15.48728	09 17 25.01	+14 55 21.5	18.0 V	691
1999 AW ₃₂	1999 01	23.28806	08 24 05.58	+21 25 28.6	20.5 V	691	1999 AQ ₃₃	1999 01	22.46058	09 10 36.32	+14 45 38.5	17.6 V	691
1999 AX ₃₂	* 1999 01	15.30688	08 31 42.65	+20 54 57.3	20.3 V	691	1999 AQ ₃₃	1999 01	22.48163	09 10 35.00	+14 45 37.0	17.7 V	691
1999 AX ₃₂	1999 01	15.32912	08 31 41.42	+20 55 01.1	20.3 V	691	1999 AQ ₃₃	1999 01	22.50422	09 10 33.57	+14 45 34.0	17.8 V	691
1999 AX ₃₂	1999 01	15.35143	08 31 40.18	+20 55 04.7	20.3 V	691	1999 AR ₃₃	* 1999 01	15.44552	09 19 26.58	+14 46 38.7	19.5 V	691
1999 AX ₃₂	1999 01	23.24318	08 24 23.94	+21 15 42.7	20.0 V	691	1999 AR ₃₃	1999 01	15.46711	09 19 25.69	+14 46 47.3	19.4 V	691
1999 AX ₃₂	1999 01	23.26576	08 24 22.60	+21 15 46.3	20.0 V	691	1999 AR ₃₃	1999 01	15.48866	09 19 24.81	+14 46 55.8	19.3 V	691
1999 AX ₃₂	1999 01	23.28824	08 24 21.33	+21 15 49.5	20.2 V	691	1999 AR ₃₃	1999 01	18.28809	09 17 29.15	+15 05 40.6	19.4 V	691
1999 AY ₃₂	* 1999 01	15.30699	08 31 51.82	+21 00 40.9	19.6 V	691	1999 AR ₃₃	1999 01	18.30958	09 17 28.21	+15 05 49.3	19.5 V	691
1999 AY ₃₂	1999 01	15.32923	08 31 50.67	+21 00 44.8	19.2 V	691	1999 AR ₃₃	1999 01	18.33110	09 17 27.24	+15 05 57.9	19.4 V	691
1999 AY ₃₂	1999 01	15.35154	08 31 49.50	+21 00 49.7	19.1 V	691	1999 AS ₃₃	* 1999 01	15.44675	09 21 13.03	+14 44 46.7	20.3 V	691
1999 AY ₃₂	1999 01	23.24355	08 24 55.89	+21 25 45.9	18.8 V	691	1999 AS ₃₃	1999 01	15.46834	09 21 12.09	+14 44 52.4	20.1 V	691
1999 AY ₃₂	1999 01	23.26613	08 24 54.62	+21 25 50.1	18.9 V	691	1999 AS ₃₃	1999 01	15.48989	09 21 11.15	+14 44 58.7	20.3 V	691
1999 AY ₃₂	1999 01	23.28861	08 24 53.38	+21 25 54.4	19.2 V	691	1999 AS ₃₃	1999 01	23.43806	09 15 07.64	+15 23 44.3	19.8 V	691
1999 AZ ₃₂	* 1999 01	15.30707	08 31 58.58	+20 44 37.1	21.6 V	691	1999 AS ₃₃	1999 01	23.45938	09 15 06.58	+15 23 51.0	19.5 V	691
1999 AZ ₃₂	1999 01	15.32930	08 31 57.06	+20 44 45.0	21.5 V	691	1999 AT ₃₃	* 1999 01	15.44811	09 23 11.16	+14 44 12.5	21.6 V	691
1999 AZ ₃₂	1999 01	15.35161	08 31 55.55	+20 44 52.4	21.4 V	691	1999 AT ₃₃	1999 01	15.46971	09 23 10.09	+14 44 16.9	21.3 V	691
1999 AZ ₃₂	1999 01	23.24223	08 23 01.25	+21 27 01.7	20.5 V	691	1999 AT ₃₃	1999 01	15.49125	09 23 09.03	+14 44 23.1	21.3 V	691
1999 AZ ₃₂	1999 01	23.26480	08 22 59.68	+21 27 09.0	20.8 V	691	1999 AT ₃₃	1999 01	23.41730	09 16 10.32	+15 20 46.6	21.0 V	691
1999 AZ ₃₂	1999 01	23.28728	08 22 58.10	+21 27 16.1	20.8 V	691	1999 AT ₃₃	1999 01	23.43877	09 16 09.07	+15 20 51.9	21.4 V	691
1999 AA ₃₃	* 1999 01	15.30742	08 32 29.52	+21 00 43.5	19.3 V	691	1999 AT ₃₃	1999 01	23.46009	09 16 07.83	+15 20 59.0	21.1 V	691
1999 AA ₃₃	1999 01	15.32966	08 32 28.18	+21 00 48.0	19.3 V	691	1999 AU ₃₃	* 1999 01	15.44852	09 23 47.11	+14 56 28.9	19.5 V	691
1999 AA ₃₃	1999 01	15.35197	08 32 26.81	+21 00 53.5	19.3 V	691	1999 AU						

1999 FEB. 2

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1999 AB ₃₄	1999 01	15.47528	09 31	13.09	+14 29	36.2	20.3	V	691	1999 BO	1999 01	16.11810	06 06	53.94	+28 41	36.2	18.9	704
1999 AB ₃₄	1999 01	15.49683	09 31	12.13	+14 29	40.8	20.3	V	691	1999 BO	1999 01	16.14083	06 06	54.67	+28 40	07.2	18.8	704
1999 AB ₃₄	1999 01	22.47108	09 25	46.09	+14 52	43.5	20.0	V	691	1999 BO	1999 01	16.16285	06 06	55.48	+28 38	39.3	19.0	704
1999 AB ₃₄	1999 01	22.49213	09 25	44.93	+14 52	47.8	20.3	V	691	1999 BO	1999 01	16.18491	06 06	56.14	+28 37	13.2	18.4	704
1999 AB ₃₄	1999 01	22.51472	09 25	43.66	+14 52	54.0	19.9	V	691	1999 BO	1999 01	17.03265	06 07	30.20	+27 41	28.4		046
1999 AC ₃₄	* 1999 01	15.45388	09 31	31.08	+14 29	58.7	19.3	V	691	1999 BO	1999 01	17.03414	06 07	30.20	+27 41	21.8		046
1999 AC ₃₄	1999 01	15.47547	09 31	29.90	+14 30	05.1	19.4	V	691	1999 BO	1999 01	17.03524	06 07	30.24	+27 41	18.3		046
1999 AC ₃₄	1999 01	15.49702	09 31	28.76	+14 30	12.2	19.3	V	691	1999 BO	1999 01	17.03875	06 07	30.42	+27 41	04.6	17.5	R
1999 AC ₃₄	1999 01	23.44422	09 24	00.85	+15 12	16.7	19.1	V	691	1999 BO	1999 01	17.03997	06 07	30.47	+27 40	59.8		046
1999 AC ₃₄	1999 01	23.46553	09 23	59.52	+15 12	23.8	19.1	V	691	1999 BO	1999 01	17.47384	06 07	50.33	+27 13	43.8	18.0	R
1999 AD ₃₄	* 1999 01	15.45463	09 32	36.26	+14 32	40.2	19.9	V	691	1999 BO	1999 01	17.47618	06 07	50.44	+27 13	34.9	17.8	R
1999 AD ₃₄	1999 01	15.49777	09 32	34.26	+14 32	53.5	19.9	V	691	1999 BO	1999 01	17.48172	06 07	50.60	+27 13	13.3	18.3	R
1999 AD ₃₄	1999 01	23.42415	09 26	02.95	+15 14	42.4	19.7	V	691	1999 BO	1999 01	17.52119	06 07	52.32	+27 10	41.7	17.6	R
1999 AD ₃₄	1999 01	23.44561	09 26	01.76	+15 14	49.8	19.5	V	691	1999 BO	1999 01	17.52510	06 07	52.53	+27 10	27.6	17.5	R
1999 AD ₃₄	1999 01	23.46693	09 26	00.57	+15 14	56.8	19.3	V	691	1999 BO	1999 01	17.52860	06 07	52.61	+27 10	14.3	18.2	R
1999 BA	* 1999 01	16.30806	07 50	55.18	+21 55	50.0			684	1999 BO	1999 01	17.53245	06 07	52.72	+27 09	59.1	18.1	R
1999 BA	1999 01	16.31135	07 50	54.92	+21 55	50.7	19.6	R	684	1999 BO	1999 01	17.63105	06 07	55.94	+27 03	16.7	18.2	V
1999 BA	1999 01	17.37513	07 49	41.65	+21 57	52.5			684	1999 BO	1999 01	17.63244	06 07	55.96	+27 03	11.1		402
1999 BA	1999 01	17.38043	07 49	41.25	+21 57	52.9	19.0	R	684	1999 BO	1999 01	17.63383	06 07	56.00	+27 03	06.4		402
1999 BB	* 1999 01	16.04664	09 55	41.07	+12 32	31.7	17.8		120	1999 BO	1999 01	17.63522	06 07	56.11	+27 03	00.0		402
1999 BB	1999 01	16.06706	09 55	40.25	+12 32	34.8			120	1999 BO	1999 01	17.71168	06 08	01.32	+26 58	00.7		557
1999 BB	1999 01	16.08892	09 55	39.44	+12 32	37.6			120	1999 BO	1999 01	17.71296	06 08	01.38	+26 57	56.1	18.3	V
1999 BB	1999 01	16.95535	09 55	07.03	+12 34	31.7	17.5		120	1999 BO	1999 01	17.79906	06 08	04.67	+26 52	32.5		046
1999 BB	1999 01	16.98056	09 55	05.98	+12 34	35.2			120	1999 BO	1999 01	17.80061	06 08	04.78	+26 52	27.2		046
1999 BB	1999 01	19.90142	09 53	05.88	+12 41	47.1	17.7		120	1999 BO	1999 01	17.80197	06 08	04.73	+26 52	22.3		046
1999 BB	1999 01	19.96186	09 53	03.12	+12 41	56.9			120	1999 BO	1999 01	17.80309	06 08	04.82	+26 52	18.7		046
1999 BC	* 1999 01	16.61780	09 06	07.75	+19 56	27.1	18		411	1999 BO	1999 01	17.80487	06 08	04.87	+26 52	10.5	17.6	R
1999 BC	1999 01	16.63682	09 06	06.85	+19 56	30.4			411	1999 BO	1999 01	17.95596	06 08	10.21	+26 42	41.2	17.5	R
1999 BC	1999 01	17.50680	09 05	25.40	+19 59	46.1			411	1999 BO	1999 01	17.95840	06 08	10.28	+26 42	31.7		118
1999 BC	1999 01	17.54888	09 05	23.22	+19 59	54.7			411	1999 BO	1999 01	17.96150	06 08	10.36	+26 42	19.2		118
1999 BC	1999 01	25.62230	08 58	28.27	+20 30	10.9			411	1999 BO	1999 01	18.57242	06 08	37.49	+26 04	30.8	18.3	V
1999 BC	1999 01	25.63317	08 58	27.57	+20 30	14.1			411	1999 BO	1999 01	18.57402	06 08	37.55	+26 04	26.3		402
1999 BD	* 1999 01	16.65741	09 07	13.45	+20 29	22.0	18		411	1999 BO	1999 01	18.57562	06 08	37.63	+26 04	19.2		402
1999 BD	1999 01	16.67643	09 07	12.31	+20 29	26.3			411	1999 BO	1999 01	18.57723	06 08	37.69	+26 04	13.8		402
1999 BD	1999 01	17.51952	09 06	20.29	+20 32	50.8			411	1999 BO	1999 01	18.99234	06 08	55.61	+25 38	48.4		104
1999 BD	1999 01	17.55222	09 06	18.12	+20 32	58.7			411	1999 BO	1999 01	18.99421	06 08	55.67	+25 38	43.0		104
1999 BD	1999 01	25.62049	08 57	25.08	+21 05	03.3			411	1999 BO	1999 01	18.99615	06 08	55.73	+25 38	35.5	18.2	V
1999 BD	1999 01	25.63135	08 57	24.36	+21 05	05.7			411	1999 BO	1999 01	21.81350	06 11	07.00	+22 56	11.9	18.2	R
1999 BE	* 1999 01	16.66216	09 08	01.65	+21 26	47.6	19		411	1999 BO	1999 01	21.81649	06 11	07.14	+22 56	02.0		046
1999 BE	1999 01	16.68117	09 08	00.50	+21 26	55.3			411	1999 BO	1999 01	21.81770	06 11	07.18	+22 55	58.0		046
1999 BE	1999 01	17.51042	09 07	15.00	+21 32	58.9			411	1999 BO	1999 01	21.85845	06 11	08.97	+22 53	45.3	18.4	R
1999 BE	1999 01	17.55588	09 07	12.34	+21 33	19.0			411	1999 BO	1999 01	21.86181	06 11	09.15	+22 53	34.9		587
1999 BE	1999 01	26.54624	08 58	14.53	+22 38	41.3			411	1999 BO	1999 01	22.51319	06 11	40.60	+22 18	29.6	18.6	V
1999 BE	1999 01	26.55592	08 58	13.93	+22 38	46.2			411	1999 BO	1999 01	22.51580	06 11	40.69	+22 18	21.3		360
1999 BF	* 1999 01	16.70653	09 09	33.65	+23 09	00.0	17.5		411	1999 BO	1999 01	22.51875	06 11	40.81	+22 18	11.8		360
1999 BF	1999 01	16.72554	09 09	32.53	+23 09	02.3			411	1999 BO	1999 01	24.27347	06 13	07.48	+20 47	35.8		658
1999 BF	1999 01	17.51223	09 08	48.66	+23 10	40.2			411	1999 BO	1999 01	24.27686	06 13	07.62	+20 47	25.7		658
1999 BF	1999 01	17.52314	09 08	48.08	+23 10	41.8			411	1999 BO	1999 01	24.27821	06 13	07.70	+20 47	21.5		658
1999 BF	1999 01	25.62410	09 00	29.74	+23 25	48.4			411	1999 BO	1999 01	26.55007	06 15	05.74	+18 59	08.3	18.9	V
1999 BF	1999 01	25.63499	09 00	29.01	+23 25	49.4			411	1999 BO	1999 01	26.55146	06 15	05.76	+18 59	03.7		402
1999 BG	* 1999 01	16.73188	09 10	55.68	+20 02	30.5	18.5		411	1999 BO	1999 01	26.55424	06 15	05.85	+18 58	55.9		402
1999 BG	1999 01	16.75090	09 10	54.61	+20 02	31.7			411	1999 BP	* 1999 01	16.79233	07 37	21.18	+19 54	41.3	18.0	
1999 BG	1999 01	17.51587	09 10	11.30	+20 03	37.9			411	1999 BP	1999 01	16.81233	07 37	19.97	+19 54	48.7		120
1999 BG	1999 01	17.52679	09 10	10.65	+20 03	39.2			411	1999 BP	1999 01	17.77824	07 36	29.53	+20 01	14.2	18.2	
1999 BG	1999 01	25.64226	09 01	47.04	+20 15	10.1			411	1999 BP	1999 01	17.79822	07 36	28.42	+20 01	21.5		120
1999 BG	1999 01	25.64954	09 01	46.61	+20 15	10.7			411	1999 BP	1999 01	17.81921	07 36	27.33	+20 01	31.0		120
1999 BH	* 1999 01	16.73505	09 10	58.02	+20 45	09.2	18		411	1999 BP	1999 01	19.81314	07 34	43.74	+20 14	42.3	18.3	
1999 BH	1999 01	16.75407	09 10	56.98	+20 45	13.9			411	1999 BP	1999 01	19.83207	07 34	42.72	+20 14	49.1		120
1999 BH	1999 01	17.52861	09 10	18.04	+20 49	10.0			411	1999 BP	1999 01	19.84953	07 34	41.81	+20 14	56.7		120
1999 BH	1999 01	17.53773	09 10	17.52	+20 49	12.8			411	1999 BP	1999 01	20.74524	07 33	55.91	+20 20	50.4	18.4	
1999 BH	1999 01	25.64408	09 02	32.35	+21 30	43.9			411	1999 BP	1999 01	20.74869	07 33	55.55	+20 20	52.0		120
1999 BH	1999 01	25.65137	09 02	31.86	+21 30	45.5			411	1999 BP	1999 01	24.78491	07 30	32.66	+20 47	00.7	18.6	
1999 BJ	* 1999 01	16.73505	09 11	47.75	+20 47	16.2	17		411	1999 BP	1999 01	24.81001	07 30	31.52	+20 47	10.3		120
1999 BJ	1999 01	16.75407	09 11	46.67	+20 47	19.9			411	1999 BQ	* 1999 01	16.81473	07 37	48.62	+21 35	05.2	18.2	
1999 BJ	1999 01	17.53592	09 11	06.26	+20 49	47.1			411	1999 BQ	1999 01	17.78064	07 36	43.77	+21 34	05.7	18.2	
1999 BJ	1999 01	17.54506	09 11	05.73	+20 49	49.5			411	1999 BQ	1999 01	17.80079	07 36	42.46	+21 34	04.5		120
1999 BJ																		

1999 BT	1999 01	23.82401	07 57 18.33	+16 05 18.0	120	1999 BG ₁	* 1999 01	18.86020	05 59 29.74	+22 06 21.1	18.0 R	046
1999 BU	* 1999 01	16.34036	08 50 13.13	+27 52 51.2	120	1999 BG ₁	1999 01	18.87608	05 59 28.95	+22 06 25.3		046
1999 BU	1999 01	16.38263	08 50 10.11	+27 53 04.0	120	1999 BG ₁	1999 01	18.87878	05 59 28.76	+22 06 26.3		046
1999 BU	1999 01	17.20703	08 49 13.27	+27 57 21.5	120	1999 BG ₁	1999 01	19.80337	05 58 42.33	+22 10 25.1	17.8 R	046
1999 BU	1999 01	17.22539	08 49 11.95	+27 57 27.8	120	1999 BG ₁	1999 01	19.80545	05 58 42.25	+22 10 25.6		046
1999 BV	* 1999 01	16.34036	08 51 06.60	+27 59 44.7	120	1999 BG ₁	1999 01	19.80791	05 58 42.12	+22 10 26.3		046
1999 BV	1999 01	16.38263	08 51 03.48	+27 59 56.3	120	1999 BG ₁	1999 01	20.88777	05 57 48.99	+22 15 03.6	18.4 R	046
1999 BV	1999 01	17.21181	08 50 04.42	+28 03 35.1	120	1999 BG ₁	1999 01	20.89000	05 57 48.87	+22 15 04.2		046
1999 BV	1999 01	17.23109	08 50 02.92	+28 03 40.2	120	1999 BG ₁	1999 01	20.89243	05 57 48.75	+22 15 04.5		046
1999 BV	1999 01	19.41361	08 47 23.67	+28 12 50.2	120	1999 BG ₁	1999 01	21.84984	05 57 03.07	+22 19 08.8	17.9 R	046
1999 BV	1999 01	19.43548	08 47 21.99	+28 12 55.1	120	1999 BG ₁	1999 01	21.85265	05 57 02.91	+22 19 09.6		046
1999 BV	1999 01	19.45737	08 47 20.12	+28 12 59.9	120	1999 BG ₁	1999 01	21.85630	05 57 02.76	+22 19 10.5		046
1999 BV	1999 01	19.47922	08 47 18.59	+28 13 04.7	120	1999 BG ₁	1999 01	22.84729	05 56 16.69	+22 23 21.3	17.9 R	046
1999 BW	* 1999 01	16.68258	08 30 40.64	+21 24 09.8	120	1999 BG ₁	1999 01	22.85128	05 56 16.49	+22 23 22.4		046
1999 BW	1999 01	16.70050	08 30 39.60	+21 24 14.4	120	1999 BG ₁	1999 01	22.85633	05 56 16.24	+22 23 23.9		046
1999 BW	1999 01	16.70559	08 30 39.28	+21 24 15.5	120	1999 BG ₁	1999 01	23.79766	05 55 33.75	+22 27 20.5	18.0 R	046
1999 BW	1999 01	18.67250	08 28 45.13	+21 32 34.4	120	1999 BG ₁	1999 01	23.80169	05 55 33.58	+22 27 21.5		046
1999 BW	1999 01	18.68087	08 28 44.58	+21 32 36.6	120	1999 BG ₁	1999 01	23.80639	05 55 33.35	+22 27 22.8		046
1999 BW	1999 01	20.69792	08 26 45.07	+21 41 03.8	120	1999 BH ₁	* 1999 01	18.86020	06 00 17.59	+22 04 59.0	18.8 R	046
1999 BW	1999 01	20.70384	08 26 44.73	+21 41 05.3	120	1999 BH ₁	1999 01	18.86280	06 00 17.53	+22 04 58.4		046
1999 BW	1999 01	22.76870	08 24 40.54	+21 49 37.4	120	1999 BH ₁	1999 01	18.86478	06 00 17.43	+22 04 58.4		046
1999 BW	1999 01	22.77457	08 24 40.17	+21 49 38.3	120	1999 BH ₁	1999 01	18.87608	06 00 17.09	+22 04 55.8		046
1999 BW	1999 01	23.31129	08 24 07.97	+21 51 51.1	120	1999 BH ₁	1999 01	18.87878	06 00 16.97	+22 04 55.5		046
1999 BW	1999 01	23.33364	08 24 06.58	+21 51 56.6	120	1999 BH ₁	1999 01	19.81154	05 59 48.73	+22 01 51.9	19.0 R	046
1999 BW	1999 01	23.35656	08 24 05.14	+21 52 02.3	120	1999 BH ₁	1999 01	19.81424	05 59 48.66	+22 01 51.9		046
1999 BW	1999 01	28.56632	08 18 49.60	+22 12 33.2	120	1999 BH ₁	1999 01	19.81847	05 59 48.54	+22 01 50.4		046
1999 BW	1999 01	28.57174	08 18 49.24	+22 12 34.7	120	1999 BH ₁	1999 01	19.82168	05 59 48.44	+22 01 50.1		046
1999 BX	* 1999 01	17.09498	01 02 24.04	+07 24 46.8	120	1999 BH ₁	1999 01	20.89512	05 59 18.22	+21 58 23.7	18.3 R	046
1999 BX	1999 01	17.11829	01 02 26.63	+07 25 00.0	120	1999 BH ₁	1999 01	20.89782	05 59 18.11	+21 58 22.4		046
1999 BX	1999 01	17.14119	01 02 29.20	+07 25 11.9	120	1999 BH ₁	1999 01	20.90145	05 59 18.00	+21 58 22.3		046
1999 BX	1999 01	18.10370	01 04 16.96	+07 33 41.8	120	1999 BH ₁	1999 01	21.87074	05 58 53.37	+21 55 19.3		046
1999 BX	1999 01	18.12993	01 04 19.90	+07 33 55.5	120	1999 BH ₁	1999 01	21.87270	05 58 53.33	+21 55 18.9		046
1999 BX	1999 01	18.15745	01 04 22.91	+07 34 09.5	120	1999 BH ₁	1999 01	21.87493	05 58 53.31	+21 55 18.6		046
1999 BY	* 1999 01	17.24782	06 31 24.83	-23 23 54.4	120	1999 BH ₁	1999 01	22.87917	05 58 30.13	+21 52 12.8	18.3 R	046
1999 BY	1999 01	17.25681	06 31 24.20	-23 23 52.0	120	1999 BH ₁	1999 01	22.88360	05 58 30.04	+21 52 11.8		046
1999 BY	1999 01	17.26788	06 31 23.67	-23 23 48.8	120	1999 BH ₁	1999 01	22.88747	05 58 29.93	+21 52 11.3		046
1999 BY	1999 01	18.24784	06 30 34.75	-23 18 43.2	120	1999 BH ₁	1999 01	23.84256	05 58 10.32	+21 49 18.6	18.1 R	046
1999 BY	1999 01	18.25230	06 30 34.50	-23 18 42.0	120	1999 BH ₁	1999 01	23.85238	05 58 10.18	+21 49 17.2		046
1999 BY	1999 01	19.27499	06 29 43.99	-23 13 02.6	120	1999 BH ₁	1999 01	23.85588	05 58 10.04	+21 49 16.5		046
1999 BY	1999 01	19.28479	06 29 43.58	-23 13 00.4	120	1999 BH ₁	1999 01	23.85769	05 58 10.03	+21 49 15.8		046
1999 BY	1999 01	19.33058	06 29 41.27	-23 12 43.6	120	1999 BJ ₁	* 1999 01	16.19907	06 51 37.36	+30 37 02.4	18.1	704
1999 BY	1999 01	19.33572	06 29 41.06	-23 12 41.8	120	1999 BJ ₁	1999 01	16.22103	06 51 35.59	+30 36 48.2	18.4	704
1999 BY	1999 01	20.18588	06 29 00.49	-23 07 42.4	120	1999 BJ ₁	1999 01	16.24301	06 51 33.58	+30 36 38.1	19.1	704
1999 BY	1999 01	23.25457	06 26 38.78	-22 47 50.2	120	1999 BJ ₁	1999 01	16.26506	06 51 31.68	+30 36 20.4	19.2	704
1999 BY	1999 01	23.26041	06 26 38.55	-22 47 46.0	120	1999 BJ ₁	1999 01	19.19743	06 47 40.13	+30 05 35.9	18.1	704
1999 BZ	* 1999 01	17.41115	13 04 55.51	+24 52 08.2	120	1999 BJ ₁	1999 01	19.21971	06 47 38.37	+30 05 20.7	18.6	704
1999 BZ	1999 01	17.41992	13 04 55.88	+24 52 12.1	120	1999 BJ ₁	1999 01	19.24199	06 47 36.61	+30 05 04.9	19.0	704
1999 BZ	1999 01	17.42904	13 04 56.33	+24 52 15.3	120	1999 BJ ₁	1999 01	19.26422	06 47 34.86	+30 04 52.2	18.4	704
1999 BZ	1999 01	18.40698	13 05 37.87	+24 58 37.2	120	1999 BJ ₁	1999 01	19.28642	06 47 33.01	+30 04 37.0	19.2	704
1999 BZ	1999 01	18.41699	13 05 38.31	+24 58 41.4	120	1999 BK ₁	* 1999 01	16.20300	07 07 05.45	+40 17 36.3	19.5	704
1999 BA ₁	* 1999 01	17.41456	13 02 53.21	+30 44 02.2	120	1999 BK ₁	1999 01	16.22497	07 07 03.68	+40 17 09.5	19.7	704
1999 BA ₁	1999 01	17.42329	13 02 53.42	+30 44 05.5	120	1999 BK ₁	1999 01	16.24705	07 07 02.17	+40 16 43.1	20.1	704
1999 BA ₁	1999 01	17.43244	13 02 53.69	+30 44 08.1	120	1999 BK ₁	1999 01	16.26898	07 07 00.18	+40 16 20.7	19.9	704
1999 BA ₁	1999 01	18.41926	13 03 18.00	+30 49 29.5	120	1999 BK ₁	1999 01	19.19423	07 03 33.05	+39 16 13.3	18.8	704
1999 BA ₁	1999 01	18.42993	13 03 18.27	+30 49 32.5	120	1999 BK ₁	1999 01	19.21651	07 03 31.48	+39 15 45.0	19.0	704
1999 BB ₁	* 1999 01	17.41456	13 06 45.75	+30 39 12.6	120	1999 BK ₁	1999 01	19.23878	07 03 29.78	+39 15 15.1	19.6	704
1999 BB ₁	1999 01	17.42329	13 06 46.34	+30 39 17.9	120	1999 BK ₁	1999 01	19.26101	07 03 28.15	+39 14 48.1	19.7	704
1999 BB ₁	1999 01	17.43244	13 06 46.85	+30 39 24.9	120	1999 BK ₁	1999 01	19.28322	07 03 26.56	+39 14 21.2	19.8	704
1999 BB ₁	1999 01	18.41926	13 07 47.18	+30 49 54.0	120	1999 BL ₁	* 1999 01	16.20473	07 08 12.97	+26 39 11.5	18.0	704
1999 BB ₁	1999 01	18.42993	13 07 47.94	+30 50 01.4	120	1999 BL ₁	1999 01	16.22669	07 08 11.28	+26 39 26.9		704
1999 BC ₁	* 1999 01	17.46817	11 57 06.68	+00 47 57.7	120	1999 BL ₁	1999 01	16.24878	07 08 09.44	+26 39 44.0	18.4	704
1999 BC ₁	1999 01	17.48054	11 57 06.83	+00 48 03.5	120	1999 BL ₁	1999 01	16.27070	07 08 07.72	+26 39 59.5	18.2	704
1999 BC ₁	1999 01	17.48941	11 57 06.96	+00 48 08.2	120	1999 BL ₁	1999 01	19.19917	07 04 21.56	+27 14 51.7	18.1	704
1999 BC ₁	1999 01	18.43596	11 57 21.88	+00 56 11.5	120	1999 BL ₁	1999 01	19.22145	07 04 19.75	+27 15 09.3	19.3	704
1999 BC ₁	1999 01	18.46094	11 57 22.20	+00 56 24.7	120	1999 BL ₁	1999 01	19.24373	07 04 17.85	+27 15 24.2	19.6	704
1999 BD ₁	* 1999 01	16.22042	08 16 52.06	+21 37 27.4	120	1999 BL ₁	1999 01	19.28815	07 04 14.36	+27 15 56.2	19.3	704
1999 BD ₁	1999 01	16.24213	08 16 50.78	+21 37 32.9	120	1999 BM ₁	* 1999 01	18.98174	08 10 49.12	+22 04 15.5	18.7 R	046
1999 BD ₁	1999 01	19.17714	08 13 35.15	+21 50 20.9	120	1999 BM ₁	1999 01	18.98362	08 10 49.03	+22 04 16.1		046
1999 BD ₁	1999 01	19.19282	08 13 34.02	+21 50 27.0	120	1999 BM ₁	1999 01	18.98583	08 10 48.82	+22 04 16.4		046
1999 BD ₁	1999 01	19.31143	08 13 25.84	+21 50 56.0	120	1999 BM ₁	1999 01	19.00365	08 10 47.61	+22 04 19.7		046
1999 BD ₁	1999 01	19.33428	08 13 24.25	+21 51 01.9	120	1999 BM ₁	1999 01	19.00598	08 10 47.48	+22 04 19.9		046
1999 BD ₁	1999 01	19.35781	08 13 22.62	+21 51 07.8	120	1999 BM ₁	1999 01	20.04946	08 09 39.20	+22 07 15.4	18.0 R	046
1999 BD ₁	1999 01	21.20047	08 11 18.59	+21 58 59.1	120	1999 BM ₁	1999 01	20.05146	08 09 39.08	+22 07 15.3		046
1999 BD ₁												

1999 FEB. 2

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1999 BP ₁	1999 01	21.88402	08 32 26.84	+24 52 30.5	17.9	120	1999 BZ ₁	1999 01	18.22877	08 26 57.71	+16 30 00.8	16.8	V	691
1999 BP ₁	1999 01	21.89960	08 32 25.71	+24 52 34.2		120	1999 BZ ₁	1999 01	18.25036	08 26 56.15	+16 30 31.0	16.7	V	691
1999 BP ₁	1999 01	22.81755	08 31 20.48	+24 56 15.8	17.9	120	1999 BZ ₁	* 1999 01	18.42889	08 26 43.12	+16 34 38.3	17.2		704
1999 BP ₁	1999 01	22.83715	08 31 18.89	+24 56 20.5		120	1999 BZ ₁	1999 01	18.45092	08 26 41.55	+16 35 09.0	18.3		704
1999 BP ₁	1999 01	22.90807	08 31 13.86	+24 56 38.4		120	1999 BZ ₁	1999 01	18.47305	08 26 39.88	+16 35 39.6	17.2		704
1999 BP ₁	1999 01	25.81297	08 27 44.79	+25 07 46.2	18.0	120	1999 BZ ₁	1999 01	18.49527	08 26 38.31	+16 36 09.8	17.4		704
1999 BP ₁	1999 01	25.89370	08 27 38.86	+25 08 04.8		120	1999 BZ ₁	1999 01	18.51730	08 26 36.76	+16 36 40.0	17.3		704
1999 BQ ₁	* 1999 01	16.89345	08 44 31.97	+28 23 48.3	18.2	120	1999 BZ ₁	1999 01	20.31859	08 24 28.43	+17 18 36.4	17.9		704
1999 BQ ₁	1999 01	16.90534	08 44 31.15	+28 23 49.5		120	1999 BZ ₁	1999 01	20.34064	08 24 26.79	+17 19 07.2			704
1999 BQ ₁	1999 01	16.91905	08 44 30.25	+28 23 50.8		120	1999 BZ ₁	1999 01	20.36289	08 24 25.01	+17 19 38.3	18.1		704
1999 BQ ₁	1999 01	19.87181	08 41 20.05	+28 30 36.8	18.2	120	1999 BZ ₁	1999 01	20.40804	08 24 21.67	+17 20 41.2	18.4		704
1999 BQ ₁	1999 01	19.88841	08 41 18.93	+28 30 39.6		120	1999 BZ ₁	1999 01	22.33464	08 22 00.93	+18 05 56.7	16.6	V	691
1999 BQ ₁	1999 01	19.95468	08 41 14.51	+28 30 47.5		120	1999 BZ ₁	1999 01	22.35675	08 21 59.23	+18 06 27.9	16.6	V	691
1999 BQ ₁	1999 01	20.78856	08 40 20.28	+28 32 30.8	18.6	120	1999 BA ₂	* 1999 01	18.43105	08 32 56.64	+13 58 26.8	18.2		704
1999 BQ ₁	1999 01	20.81270	08 40 18.74	+28 32 34.4		120	1999 BA ₂	1999 01	18.45310	08 32 54.79	+13 58 20.8	18.4		704
1999 BQ ₁	1999 01	20.83392	08 40 17.32	+28 32 36.0		120	1999 BA ₂	1999 01	18.47523	08 32 52.74	+13 58 14.8	18.0		704
1999 BQ ₁	1999 01	25.78870	08 34 51.38	+28 41 09.8	18.5	120	1999 BA ₂	1999 01	18.49744	08 32 50.94	+13 58 09.1	18.5		704
1999 BQ ₁	1999 01	25.81634	08 34 49.52	+28 41 11.6		120	1999 BA ₂	1999 01	20.31917	08 30 14.30	+13 50 14.0	19.0		704
1999 BR ₁	* 1999 01	16.89345	08 46 44.03	+28 11 09.6	18.2	120	1999 BA ₂	1999 01	20.34122	08 30 12.23	+13 50 08.0	19.3		704
1999 BR ₁	1999 01	16.90534	08 46 43.40	+28 11 14.8		120	1999 BA ₂	1999 01	20.36348	08 30 10.37	+13 50 01.6	19.1		704
1999 BR ₁	1999 01	16.91905	08 46 42.56	+28 11 19.8		120	1999 BA ₂	1999 01	20.40862	08 30 06.32	+13 49 49.5	19.3		704
1999 BR ₁	1999 01	19.87410	08 43 53.40	+28 32 39.6	18.2	120	1999 BB ₂	* 1999 01	19.88845	08 27 46.24	+33 16 32.8	14.8		106
1999 BR ₁	1999 01	19.89069	08 43 52.40	+28 32 46.4		120	1999 BB ₂	1999 01	19.92899	08 27 43.09	+33 16 21.7			106
1999 BR ₁	1999 01	20.79148	08 43 00.08	+28 39 06.2	18.4	120	1999 BB ₂	1999 01	19.96321	08 27 40.49	+33 16 13.0			106
1999 BR ₁	1999 01	20.81564	08 42 58.60	+28 39 17.5		120	1999 BB ₂	1999 01	19.99466	08 27 38.03	+33 16 04.2			106
1999 BS ₁	* 1999 01	17.83398	08 04 57.82	+16 10 48.1	18.3	120	1999 BB ₂	1999 01	20.00523	08 27 37.22	+33 16 01.5			106
1999 BS ₁	1999 01	17.85462	08 04 56.42	+16 10 44.6		120	1999 BB ₂	1999 01	20.00786	08 27 37.00	+33 16 00.8			106
1999 BS ₁	1999 01	19.82550	08 02 47.79	+16 05 19.0	18.0	120	1999 BB ₂	1999 01	20.01957	08 27 36.10	+33 15 57.6			106
1999 BS ₁	1999 01	19.84569	08 02 46.52	+16 05 15.4		120	1999 BB ₂	1999 01	20.80875	08 26 37.98	+33 12 20.8			106
1999 BS ₁	1999 01	19.85639	08 02 45.78	+16 05 13.8		120	1999 BB ₂	1999 01	20.83729	08 26 35.80	+33 12 13.5			106
1999 BS ₁	1999 01	20.76193	08 01 46.84	+16 02 46.1	17.9	120	1999 BB ₂	1999 01	20.85293	08 26 34.61	+33 12 09.3			106
1999 BS ₁	1999 01	20.78081	08 01 45.66	+16 02 43.5		120	1999 BB ₂	1999 01	20.85988	08 26 34.08	+33 12 07.6			106
1999 BS ₁	1999 01	21.85039	08 00 36.05	+15 59 52.5	18.4	120	1999 BB ₂	1999 01	20.87024	08 26 33.29	+33 12 04.8			106
1999 BS ₁	1999 01	21.87551	08 00 34.34	+15 59 48.5		120	1999 BB ₂	1999 01	22.91043	08 24 01.69	+33 02 05.6			106
1999 BS ₁	1999 01	23.80977	07 58 29.68	+15 54 43.7	18.3	120	1999 BB ₂	1999 01	22.92719	08 24 00.41	+33 02 00.5			106
1999 BS ₁	1999 01	23.82401	07 58 28.78	+15 54 41.1		120	1999 BB ₂	1999 01	22.94479	08 23 59.05	+33 01 55.1			106
1999 BT ₁	* 1999 01	18.04061	10 36 28.66	+08 28 18.1	18.2	120	1999 BB ₂	1999 01	22.96810	08 23 57.25	+33 01 48.0			106
1999 BT ₁	1999 01	18.07235	10 36 27.97	+08 28 26.4		120	1999 BC ₂	1999 01	15.57037	09 50 21.94	+29 41 13.3	18	V	905
1999 BT ₁	1999 01	18.10462	10 36 27.39	+08 28 36.0		120	1999 BC ₂	1999 01	15.59028	09 50 20.51	+29 41 11.8		V	905
1999 BT ₁	1999 01	19.98410	10 35 49.68	+08 37 52.7	18.4	V	1999 BC ₂	* 1999 01	16.55561	09 49 09.84	+29 41 43.9	18		905
1999 BT ₁	1999 01	20.00773	10 35 49.13	+08 38 00.0	18.5	V	1999 BC ₂	1999 01	16.56458	09 49 09.18	+29 41 45.4			905
1999 BT ₁	1999 01	20.04019	10 35 48.37	+08 38 10.2	18.5	V	1999 BC ₂	1999 01	20.79503	09 43 33.24	+29 42 43.5	17.5	V	888
1999 BT ₁	1999 01	20.08561	10 35 47.24	+08 38 24.5	18.2	120	1999 BC ₂	1999 01	20.80321	09 43 32.53	+29 42 43.6			888
1999 BT ₁	1999 01	20.11572	10 35 46.53	+08 38 33.9		120	1999 BC ₂	1999 01	22.56743	09 41 02.33	+29 42 18.3	16.8	V	385
1999 BT ₁	1999 01	21.01913	10 35 26.12	+08 43 18.4	18.4	V	1999 BC ₂	1999 01	22.57097	09 41 01.93	+29 42 18.4			385
1999 BT ₁	1999 01	21.04342	10 35 25.51	+08 43 25.9	18.3	V	1999 BC ₂	1999 01	22.58661	09 41 00.55	+29 42 17.7			385
1999 BT ₁	1999 01	21.07228	10 35 24.78	+08 43 35.4	18.4	V	1999 BC ₂	1999 01	27.68237	09 33 14.39	+29 37 40.9	17.0	V	385
1999 BT ₁	1999 01	23.09774	10 34 33.02	+08 54 52.9	18.6	V	1999 BC ₂	1999 01	27.69032	09 33 13.56	+29 37 40.7			385
1999 BT ₁	1999 01	23.12332	10 34 32.28	+08 55 01.8	18.5	V	1999 BD ₂	* 1999 01	18.22497	06 10 57.68	+14 58 28.1			703
1999 BT ₁	1999 01	23.14759	10 34 31.57	+08 55 10.1	18.5	V	1999 BD ₂	1999 01	18.23346	06 10 57.42	+14 58 19.0			703
1999 BU ₁	* 1999 01	18.04061	10 37 07.20	+08 33 06.7	18.2	120	1999 BD ₂	1999 01	18.24225	06 10 57.15	+14 58 08.3	17.3	R	703
1999 BU ₁	1999 01	18.10462	10 37 05.38	+08 33 15.4		120	1999 BD ₂	1999 01	19.25598	06 10 30.56	+14 58 21.9	16.9	R	703
1999 BU ₁	1999 01	19.98435	10 36 11.53	+08 37 38.4	18.7	V	1999 BD ₂	1999 01	19.26898	06 10 30.21	+14 58 06.5			703
1999 BU ₁	1999 01	20.00798	10 36 10.79	+08 37 42.3	18.4	V	1999 BD ₂	1999 01	20.16302	06 10 08.82	+14 20 16.0			703
1999 BU ₁	1999 01	20.04044	10 36 09.75	+08 37 47.0	18.4	V	1999 BE ₂	1999 01	20.17736	06 10 08.48	+14 19 58.8			703
1999 BU ₁	1999 01	20.08561	10 36 08.24	+08 37 53.7	18.2	120	1999 BE ₂	1998 11	23.42353	09 06 07.32	+05 42 18.0	17.0		704
1999 BU ₁	1999 01	20.11572	10 36 07.27	+08 37 58.2		120	1999 BE ₂	1998 11	23.43285	09 06 07.81	+05 42 05.4	16.7		704
1999 BU ₁	1999 01	21.01929	10 35 39.38	+08 40 16.3	18.6	V	1999 BE ₂	1998 11	23.44213	09 06 08.44	+05 41 52.9	16.7		704
1999 BU ₁	1999 01	21.04357	10 35 38.58	+08 40 20.1	18.4	V	1999 BE ₂	1998 11	23.45138	09 06 09.01	+05 41 40.1	16.8		704
1999 BU ₁	1999 01	21.07243	10 35 37.61	+08 40 24.5	18.5	V	1999 BE ₂	* 1999 01	18.34753	09 13 40.42	+17 49 40.4	15.5	R	703
1999 BU ₁	1999 01	23.00562	10 34 33.19	+08 45 45.1	18.5	V	1999 BE ₂	1999 01	18.35644	09 13 39.91	+17 49 52.0			703
1999 BU ₁	1999 01	23.03289	10 34 32.20	+08 45 49.9	18.4	V	1999 BE ₂	1999 01	18.36534	09 13 39.40	+17 50 04.0			703
1999 BU ₁	1999 01	23.05801	10 34 31.28	+08 45 54.3	18.3	V	1999 BE ₂	1999 01	19.30462	09 12 48.82	+18 10 35.3			703
1999 BU ₁	1999 01	23.09770	10 34 29.83	+08 46 01.4	18.8	V	1999 BE ₂	1999 01	19.30941	09 12 48.53	+18 10 41.9			703
1999 BU ₁	1999 01	23.12328	10 34 28.90	+08 46 05.8	18.6	V	1999 BE ₂	1999 01	20.32935	09 11 51.40	+18 32 32.9			703
1999 BU ₁	1999 01	23.14755	10 34 28.01	+08 46 10.0	18.8	V	1999 BE ₂	1999 01	20.33816	09 11 50.91	+18 32 44.3			703
1999 BV ₁	* 1999 01	18.04880	10 37 15.35	+05 39 04.5	18.5	120	1999 BE ₂	1999 01	23.31778	09 08 54.26	+19 33 42.7	17.5		704
1999 BV ₁	1999 01	18.07966	10 37 14.86	+05 39 04										

1999 BK ₂	1999 01	20.35912	08 47 03.93	+47 24 32.5	703	1999 BY ₂	1999 01	20.60256	10 37 34.77	+12 04 43.0	411
1999 BK ₂	1999 01	20.37506	08 47 02.53	+47 24 47.9	703	1999 BY ₂	1999 01	20.61527	10 37 34.56	+12 04 52.0	411
1999 BK ₂	1999 01	23.34042	08 42 24.13	+48 09 38.4	703	1999 BZ ₂	* 1999 01	19.75108	10 37 42.58	+15 30 15.3	17.5
1999 BK ₂	1999 01	23.34880	08 42 23.27	+48 09 45.6	703	1999 BZ ₂	1999 01	19.77009	10 37 41.99	+15 30 18.6	411
1999 BL ₂	* 1999 01	19.10446	10 36 06.22	+08 17 08.8	20.3 V	1999 BZ ₂	1999 01	20.60076	10 37 20.21	+15 32 30.6	411
1999 BL ₂	1999 01	19.12741	10 36 05.50	+08 17 10.5	20.3 V	1999 BZ ₂	1999 01	20.61347	10 37 19.86	+15 32 32.8	411
1999 BL ₂	1999 01	19.15076	10 36 04.75	+08 17 12.3	20.0 V	1999 BA ₃	* 1999 01	19.78752	10 39 15.82	+15 17 53.4	17.5
1999 BL ₂	1999 01	19.98397	10 35 38.78	+08 18 16.1	20.5 V	1999 BA ₃	1999 01	19.80652	10 39 15.68	+15 18 02.5	411
1999 BL ₂	1999 01	20.00759	10 35 37.98	+08 18 17.3	20.2 V	1999 BA ₃	1999 01	20.60437	10 39 12.66	+15 24 32.7	411
1999 BL ₂	1999 01	20.04006	10 35 36.92	+08 18 19.9	20.0 V	1999 BA ₃	1999 01	20.61709	10 39 12.64	+15 24 38.0	411
1999 BL ₂	1999 01	21.01888	10 35 04.79	+08 19 43.1	20.8 V	1999 BB ₃	* 1999 01	19.78752	10 40 14.22	+15 09 31.4	17.5
1999 BL ₂	1999 01	21.04317	10 35 03.93	+08 19 45.3	20.6 V	1999 BB ₃	1999 01	19.80652	10 40 13.89	+15 09 39.6	411
1999 BL ₂	1999 01	21.07202	10 35 02.94	+08 19 47.2	20.2 V	1999 BB ₃	1999 01	20.60799	10 39 59.87	+15 15 39.2	411
1999 BL ₂	1999 01	23.00518	10 33 55.23	+08 22 53.8	20.2 V	1999 BB ₃	1999 01	20.62071	10 39 59.67	+15 15 44.1	411
1999 BL ₂	1999 01	23.03245	10 33 54.14	+08 22 56.8	21.1 V	1999 BC ₃	* 1999 01	19.14352	06 55 38.79	+17 05 08.8	18.4 R
1999 BL ₂	1999 01	23.05756	10 33 53.23	+08 22 59.5	20.3 V	1999 BC ₃	1999 01	19.19103	06 55 36.65	+17 05 13.9	735
1999 BM ₂	* 1999 01	19.11007	10 44 12.15	+08 14 34.6	19.8 V	1999 BC ₃	1999 01	19.27141	06 55 33.08	+17 05 22.8	18.6 R
1999 BM ₂	1999 01	19.13302	10 44 11.80	+08 14 46.6	20.2 V	1999 BC ₃	1999 01	20.15006	06 54 55.63	+17 06 58.6	17.7 R
1999 BM ₂	1999 01	19.15637	10 44 11.45	+08 14 59.0	20.0 V	1999 BC ₃	1999 01	20.16950	06 54 54.74	+17 07 01.8	17.9 R
1999 BM ₂	1999 01	19.98974	10 43 59.18	+08 22 19.3	19.4 V	1999 BC ₃	1999 01	23.23524	06 52 47.22	+17 12 45.1	17.9 R
1999 BM ₂	1999 01	20.01337	10 43 58.76	+08 22 32.2	19.4 V	1999 BC ₃	1999 01	23.24583	06 52 46.80	+17 12 46.1	17.7 R
1999 BM ₂	1999 01	20.04584	10 43 58.15	+08 22 49.5	19.6 V	1999 BC ₃	1999 01	23.26528	06 52 45.97	+17 12 47.8	18.1 R
1999 BM ₂	1999 01	21.02486	10 43 41.97	+08 31 39.9	19.6 V	1999 BC ₃	1999 01	25.13906	06 51 31.89	+17 16 20.6	17.9 R I
1999 BM ₂	1999 01	21.04915	10 43 41.50	+08 31 53.3	19.9 V	1999 BC ₃	1999 01	25.15972	06 51 31.01	+17 16 22.9	18.0 R
1999 BM ₂	1999 01	21.07801	10 43 40.95	+08 32 09.1	19.5 V	1999 BD ₃	* 1999 01	16.55486	08 20 15.76	+26 34 23.7	16.9
1999 BM ₂	1999 01	23.10361	10 43 02.11	+08 51 08.0	19.9 V	1999 BD ₃	1999 01	16.56910	08 20 14.86	+26 34 26.6	399
1999 BM ₂	1999 01	23.12919	10 43 01.55	+08 51 23.0	19.5 V	1999 BD ₃	1999 01	17.52334	08 19 24.39	+26 39 16.1	16.8
1999 BM ₂	1999 01	23.15347	10 43 01.01	+08 51 37.0	19.5 V	1999 BD ₃	1999 01	17.53775	08 19 23.59	+26 39 19.7	399
1999 BM ₂	1999 01	26.06435	10 41 53.74	+09 20 26.9	19.9 V	1999 BE ₃	* 1999 01	16.62257	08 50 08.46	+21 35 49.0	17.0
1999 BM ₂	1999 01	26.08718	10 41 53.10	+09 20 40.8	20.1 V	1999 BE ₃	1999 01	16.63735	08 50 07.99	+21 35 57.5	399
1999 BM ₂	1999 01	26.11053	10 41 52.47	+09 20 55.1	19.5 V	1999 BE ₃	1999 01	17.59157	08 49 33.53	+21 45 52.7	17.2
1999 BN ₂	1999 01	09.22871	08 18 03.36	+20 55 05.7	20.4 V	1999 BE ₃	1999 01	17.60616	08 49 32.94	+21 46 04.5	399
1999 BN ₂	1999 01	09.26938	08 18 00.60	+20 55 11.9	20.6 V	1999 BF ₃	* 1999 01	16.62257	08 55 31.05	+20 20 51.6	17.0
1999 BN ₂	1999 01	09.29879	08 17 58.65	+20 55 16.1	20.4 V	1999 BF ₃	1999 01	16.63735	08 55 30.23	+20 20 59.9	399
1999 BN ₂	* 1999 01	19.20940	08 06 37.12	+21 16 49.7	19.5 V	1999 BF ₃	1999 01	17.59157	08 54 42.93	+20 29 43.8	16.7
1999 BN ₂	1999 01	19.23134	08 06 35.51	+21 16 52.7	19.7 V	1999 BF ₃	1999 01	17.60616	08 54 42.11	+20 29 51.8	399
1999 BN ₂	1999 01	20.05602	08 05 36.21	+21 18 32.9	18.3 R	1999 BG ₃	* 1999 01	19.35370	08 51 18.78	+46 45 46.8	18.8 R
1999 BN ₂	1999 01	20.05870	08 05 36.01	+21 18 33.9	046	1999 BG ₃	1999 01	19.40279	08 51 15.71	+46 46 25.0	703
1999 BN ₂	1999 01	20.06084	08 05 35.92	+21 18 34.1	046	1999 BG ₃	1999 01	20.35912	08 50 18.82	+46 58 52.4	703
1999 BN ₂	1999 01	20.06294	08 05 35.73	+21 18 34.7	046	1999 BG ₃	1999 01	20.37506	08 50 17.85	+46 59 05.6	703
1999 BN ₂	1999 01	20.94595	08 04 32.67	+21 20 21.7	18.6 R	1999 BG ₃	1999 01	23.34042	08 47 15.30	+47 36 05.5	703
1999 BN ₂	1999 01	20.94866	08 04 32.44	+21 20 21.1	046	1999 BG ₃	1999 01	23.34880	08 47 14.44	+47 36 11.9	703
1999 BN ₂	1999 01	20.95203	08 04 32.22	+21 20 21.3	046	1999 BH ₃	* 1999 01	19.98878	08 25 22.32	+33 11 29.4	17.5 V
1999 BN ₂	1999 01	20.95443	08 04 31.99	+21 20 21.3	046	1999 BH ₃	1999 01	19.99168	08 25 22.10	+33 11 30.0	106
1999 BN ₂	1999 01	20.95634	08 04 31.85	+21 20 22.5	046	1999 BH ₃	1999 01	19.99932	08 25 21.59	+33 11 31.0	106
1999 BN ₂	1999 01	21.39615	08 04 00.18	+21 21 14.5	658	1999 BH ₃	1999 01	20.81113	08 24 28.08	+33 13 25.2	17.5 V
1999 BN ₂	1999 01	21.40528	08 03 59.48	+21 21 15.2	658	1999 BH ₃	1999 01	20.84067	08 24 26.07	+33 13 29.1	106
1999 BN ₂	1999 01	21.40757	08 03 59.31	+21 21 16.0	658	1999 BH ₃	1999 01	20.90147	08 24 21.84	+33 13 37.3	106
1999 BN ₂	1999 01	21.62222	08 03 44.07	+21 21 43.2	19.8 V	1999 BH ₃	1999 01	20.92616	08 24 20.23	+33 13 41.6	106
1999 BN ₂	1999 01	21.62743	08 03 43.70	+21 21 43.6	360	1999 BH ₃	1999 01	20.93774	08 24 19.42	+33 13 43.1	106
1999 BN ₂	1999 01	21.63264	08 03 43.30	+21 21 44.3	360	1999 BH ₃	1999 01	22.91206	08 22 07.85	+33 17 43.7	106
1999 BO ₂	* 1999 01	18.64692	10 27 36.37	+19 16 59.6	18.5	1999 BH ₃	1999 01	22.92568	08 22 06.91	+33 17 45.3	106
1999 BO ₂	1999 01	18.65593	10 27 35.72	+19 17 09.2	411	1999 BH ₃	1999 01	22.94628	08 22 05.51	+33 17 47.4	106
1999 BO ₂	1999 01	19.61695	10 27 04.21	+19 23 49.7	411	1999 BH ₃	1999 01	22.96669	08 22 04.10	+33 17 49.8	106
1999 BO ₂	1999 01	19.63524	10 27 03.57	+19 23 56.5	411	1999 BH ₃	1999 01	23.90939	08 21 01.34	+33 19 25.6	106
1999 BO ₂	1999 01	27.71910	10 21 40.42	+20 23 19.0	411	1999 BH ₃	1999 01	23.92814	08 21 00.08	+33 19 27.4	106
1999 BO ₂	1999 01	27.72555	10 21 40.17	+20 23 22.7	411	1999 BH ₃	1999 01	23.97263	08 20 56.95	+33 19 31.8	106
1999 BP ₂	* 1999 01	18.65167	10 27 32.05	+20 25 16.0	18.5	1999 BJ ₃	* 1999 01	19.95411	06 00 52.94	+21 19 22.2	18.3 R
1999 BP ₂	1999 01	18.67068	10 27 31.45	+20 25 22.8	411	1999 BJ ₃	1999 01	19.95641	06 00 52.84	+21 19 22.6	046
1999 BP ₂	1999 01	19.61510	10 26 58.55	+20 30 51.2	411	1999 BJ ₃	1999 01	19.95892	06 00 52.75	+21 19 22.7	046
1999 BP ₂	1999 01	19.62424	10 26 58.22	+20 30 55.0	411	1999 BJ ₃	1999 01	20.90352	06 00 20.32	+21 21 38.1	18.4 R
1999 BQ ₂	* 1999 01	18.65802	10 27 37.96	+22 05 14.0	18	1999 BJ ₃	1999 01	20.90781	06 00 20.16	+21 21 38.9	046
1999 BQ ₂	1999 01	18.67702	10 27 37.66	+22 05 28.2	411	1999 BJ ₃	1999 01	20.90970	06 00 20.12	+21 21 39.4	046
1999 BQ ₂	1999 01	19.60240	10 27 23.69	+22 16 25.2	411	1999 BJ ₃	1999 01	20.91156	06 00 20.02	+21 21 39.7	046
1999 BQ ₂	1999 01	19.60965	10 27 23.65	+22 16 31.2	411	1999 BJ ₃	1999 01	21.87824	05 59 48.52	+21 23 57.7	17.8 R
1999 BR ₂	* 1999 01	18.65802	10 27 40.46	+22 01 18.4	17.5	1999 BJ ₃	1999 01	21.88047	05 59 48.44	+21 23 58.0	046
1999 BR ₂	1999 01	18.67702	10 27 39.89	+22 01 27.1	411	1999 BJ ₃	1999 01	21.88284	05 59 48.36	+21 23 58.5	046
1999 BR ₂	1999 01	19.60058	10 27 15.42	+22 08 41.8	411	1999 BJ ₃	1999 01	22.91470	05 59 16.52	+21 26 25.5	046
1999 BR ₂	1999 01	19.60784	10 27 15.13	+22 08 44.7	411	1999 BJ ₃	1999 01	22.92454	05 59 16.19	+21 26 27.1	17.7 R
1999 BS ₂	* 1999 01	18.68177	10 29 57.12	+18 15 31.0	19	1999 BJ ₃	1999 01	22.92644	05 59 16.14	+21 26 27.0	046
1999 BS ₂	1999 01	18.70078	10 29 56.43	+18 15 33.2	411	1999 BJ ₃	1999 01	23.86117	05 58 49.16	+21 28 40.0	17.9 R
1999 BS ₂	1999 01	19.62786	10 29 27.51	+18 18 04.9	411	1999 BJ ₃	1999 01	23.86513	05 58 49.04	+21 28 40.6	046
1999 BS ₂	1999 01	19.64033	10 29 27.09	+18 18 07.8	411	1999 BJ ₃	1999 01	23.86953	05 58 48.89	+21 28 42.0	046
1999 BT ₂	* 1999 01	18.69128	10 30 20.20	+20 38 43.8	17	1999 BK _{3</}					

1999 BL ₃	1999 01	21.05619	08 05 04.54	+22 12 17.4		046	1999 BR ₃	1999 01	21.92488	09 24 36.49	+14 45 23.0	16.6	120
1999 BL ₃	1999 01	21.77269	08 04 16.68	+22 13 59.3	18.6 V	104	1999 BR ₃	1999 01	21.94242	09 24 35.27	+14 45 19.9		120
1999 BL ₃	1999 01	21.77743	08 04 16.37	+22 14 00.2		104	1999 BR ₃	1999 01	22.46985	09 23 59.48	+14 43 45.3	15.8 V	691
1999 BL ₃	1999 01	21.78206	08 04 16.05	+22 14 01.2		104	1999 BR ₃	1999 01	22.49089	09 23 58.03	+14 43 41.5	15.9 V	691
1999 BL ₃	1999 01	21.94502	08 04 04.78	+22 14 24.6		046	1999 BR ₃	1999 01	22.51348	09 23 56.46	+14 43 38.4	15.9 V	691
1999 BL ₃	1999 01	21.94866	08 04 04.52	+22 14 25.1		046	1999 BS ₃	* 1999 01	19.91485	09 27 42.85	+13 10 05.2	18.2	120
1999 BL ₃	1999 01	21.95170	08 04 04.32	+22 14 26.0		046	1999 BS ₃	1999 01	19.97499	09 27 40.24	+13 10 20.2		120
1999 BL ₃	1999 01	22.97245	08 02 55.43	+22 16 47.9	17.3 R	046	1999 BS ₃	1999 01	20.03965	09 27 37.30	+13 10 34.3		120
1999 BL ₃	1999 01	22.97505	08 02 55.23	+22 16 48.1		046	1999 BS ₃	1999 01	20.86455	09 27 01.60	+13 13 49.4	18.4	120
1999 BL ₃	1999 01	23.39010	08 02 26.99	+22 17 45.9	18.4 V	691	1999 BS ₃	1999 01	20.88083	09 27 00.76	+13 13 53.9		120
1999 BL ₃	1999 01	23.39621	08 02 26.57	+22 17 46.8	18.4 V	691	1999 BS ₃	1999 01	21.92956	09 26 13.97	+13 18 06.9	18.7	120
1999 BL ₃	1999 01	23.40270	08 02 26.11	+22 17 47.7	18.4 V	691	1999 BS ₃	1999 01	21.94730	09 26 13.21	+13 18 11.6		120
1999 BL ₃	1999 01	23.95424	08 01 49.38	+22 19 00.8	18.0 R	046	1999 BS ₃	1999 01	22.94929	09 25 27.62	+13 22 19.1	18.5	120
1999 BL ₃	1999 01	23.95940	08 01 48.98	+22 19 01.6		046	1999 BS ₃	1999 01	22.97288	09 25 26.54	+13 22 24.9		120
1999 BL ₃	1999 01	23.96256	08 01 48.79	+22 19 02.2		046	1999 BS ₃	1999 01	23.87855	09 24 44.70	+13 26 11.4	18.6	120
1999 BM ₃	1999 01	17.29976	08 09 34.50	+22 05 31.6	19.9 V	691	1999 BS ₃	1999 01	23.89189	09 24 44.05	+13 26 15.9		120
1999 BM ₃	1999 01	17.30386	08 09 34.21	+22 05 32.0	19.8 V	691	1999 BT ₃	* 1999 01	19.93985	09 24 53.09	+11 42 31.4	18.2	120
1999 BM ₃	1999 01	17.31041	08 09 33.75	+22 05 32.3	19.9 V	691	1999 BT ₃	1999 01	20.00142	09 24 50.17	+11 42 53.4		120
1999 BM ₃	1999 01	18.17258	08 08 34.83	+22 06 25.9	19.5 V	691	1999 BT ₃	1999 01	20.02192	09 24 49.08	+11 43 01.1		120
1999 BM ₃	1999 01	18.17656	08 08 34.54	+22 06 26.1	19.4 V	691	1999 BT ₃	1999 01	20.86678	09 24 09.76	+11 47 54.2	18.5	120
1999 BM ₃	1999 01	18.18128	08 08 34.22	+22 06 26.4	19.5 V	691	1999 BT ₃	1999 01	20.88305	09 24 08.99	+11 48 01.2		120
1999 BM ₃	1999 01	20.05148	08 06 25.46	+22 08 16.2	19.5 V	104	1999 BT ₃	1999 01	21.93183	09 23 18.35	+11 54 16.1	18.5	120
1999 BM ₃	1999 01	20.06148	08 06 24.83	+22 08 16.4		104	1999 BT ₃	1999 01	21.94934	09 23 17.48	+11 54 23.4		120
1999 BM ₃	1999 01	20.06701	08 06 24.39	+22 08 16.4		104	1999 BT ₃	1999 01	22.86333	09 22 32.34	+11 59 58.8	18.4	120
1999 BM ₃	* 1999 01	20.08108	08 06 23.44	+22 08 17.5	18.1 R	046	1999 BT ₃	1999 01	22.94424	09 22 28.15	+12 00 28.5		120
1999 BM ₃	1999 01	20.08311	08 06 23.26	+22 08 18.0		046	1999 BT ₃	1999 01	22.96963	09 22 26.97	+12 00 38.1		120
1999 BM ₃	1999 01	20.08495	08 06 23.15	+22 08 18.0		046	1999 BT ₃	1999 01	23.87588	09 21 41.03	+12 06 18.6	18.5	120
1999 BM ₃	1999 01	20.08760	08 06 22.97	+22 08 17.5		046	1999 BT ₃	1999 01	23.88914	09 21 40.32	+12 06 24.3		120
1999 BM ₃	1999 01	20.75035	08 05 37.93	+22 08 52.2	19.3 V	104	1999 BT ₃	1999 01	25.90828	09 19 54.48	+12 19 28.0	18.5	120
1999 BM ₃	1999 01	20.75561	08 05 37.62	+22 08 53.1		104	1999 BT ₃	1999 01	25.93750	09 19 52.81	+12 19 40.0		120
1999 BM ₃	1999 01	20.76111	08 05 37.25	+22 08 54.2		104	1999 BU ₃	* 1999 01	19.97302	09 28 15.52	+13 51 47.9	18.0	120
1999 BM ₃	1999 01	21.01274	08 05 19.68	+22 09 06.8	18.6 R	046	1999 BU ₃	1999 01	20.03785	09 28 12.84	+13 52 01.5		120
1999 BM ₃	1999 01	21.01527	08 05 19.53	+22 09 07.6		046	1999 BU ₃	1999 01	20.85948	09 27 40.43	+13 54 49.7	18.0	120
1999 BM ₃	1999 01	21.01731	08 05 19.39	+22 09 07.5		046	1999 BU ₃	1999 01	20.87843	09 27 39.77	+13 54 52.7		120
1999 BM ₃	1999 01	21.01917	08 05 19.29	+22 09 08.2		046	1999 BU ₃	1999 01	21.97698	09 26 54.73	+13 58 45.1	17.8	120
1999 BM ₃	1999 01	21.02330	08 05 18.96	+22 09 08.4		046	1999 BU ₃	1999 01	21.98076	09 26 54.58	+13 58 46.0		120
1999 BM ₃	1999 01	21.05242	08 05 16.92	+22 09 09.6		046	1999 BU ₃	1999 01	21.99728	09 26 53.86	+13 58 49.4		120
1999 BM ₃	1999 01	21.05433	08 05 16.83	+22 09 10.1		046	1999 BV ₃	* 1999 01	19.98372	09 27 12.97	+10 00 48.7	18.0	120
1999 BM ₃	1999 01	21.05619	08 05 16.71	+22 09 10.1		046	1999 BV ₃	1999 01	20.04814	09 27 10.21	+10 01 07.8		120
1999 BM ₃	1999 01	21.77269	08 04 28.29	+22 09 45.0	19.4 V	104	1999 BV ₃	1999 01	20.86920	09 26 36.07	+10 05 05.5	18.2	120
1999 BM ₃	1999 01	21.77743	08 04 27.94	+22 09 45.5		104	1999 BV ₃	1999 01	20.88569	09 26 35.35	+10 05 10.3		120
1999 BM ₃	1999 01	21.78206	08 04 27.60	+22 09 46.3		104	1999 BV ₃	1999 01	21.93414	09 25 50.38	+10 10 24.1	18.0	120
1999 BM ₃	1999 01	21.95716	08 04 15.36	+22 09 55.8	18.3 R	046	1999 BV ₃	1999 01	21.95220	09 25 49.53	+10 10 29.8		120
1999 BM ₃	1999 01	21.95907	08 04 15.19	+22 09 56.0		046	1999 BW ₃	* 1999 01	18.77094	07 43 58.84	+38 45 28.8	16.7 R	113
1999 BM ₃	1999 01	21.96102	08 04 15.02	+22 09 56.4		046	1999 BW ₃	1999 01	18.82397	07 43 54.71	+38 46 46.8	16.9 R	113
1999 BM ₃	1999 01	23.39633	08 02 37.33	+22 11 03.5	19.5 V	691	1999 BW ₃	1999 01	18.89546	07 43 49.08	+38 48 30.4	16.8 R	113
1999 BM ₃	1999 01	23.40283	08 02 36.84	+22 11 02.9	19.6 V	691	1999 BW ₃	1999 01	20.88215	07 41 19.99	+39 34 40.2	16.7 R	113
1999 BM ₃	1999 01	24.01985	08 01 55.56	+22 11 29.7	18.5 R	046	1999 BW ₃	1999 01	20.91141	07 41 17.75	+39 35 19.3	16.8 R	113
1999 BM ₃	1999 01	24.02188	08 01 55.33	+22 11 30.0		046	1999 BW ₃	1999 01	20.93516	07 41 15.91	+39 35 52.0	16.9 R	113
1999 BN ₃	* 1999 01	20.14184	09 19 38.12	+15 00 18.8	18.0 R	046	1999 BW ₃	1999 01	21.82710	07 40 10.20	+39 55 42.4	16.9 R	113
1999 BN ₃	1999 01	20.14402	09 19 37.99	+15 00 20.0		046	1999 BW ₃	1999 01	21.85470	07 40 08.12	+39 56 19.0	17.0 R	113
1999 BN ₃	1999 01	20.14603	09 19 37.91	+15 00 20.3		046	1999 BW ₃	1999 01	21.89013	07 40 05.43	+39 57 05.7	17.0 R	113
1999 BN ₃	1999 01	20.14862	09 19 37.80	+15 00 21.4		046	1999 BW ₃	1999 01	23.97961	07 37 33.69	+40 41 23.5	17.3 R	113
1999 BN ₃	1999 01	21.02645	09 18 55.34	+15 05 29.8	18.0 R	046	1999 BW ₃	1999 01	24.00453	07 37 31.84	+40 41 53.7	17.3 R	113
1999 BN ₃	1999 01	21.02884	09 18 55.20	+15 05 30.2		046	1999 BX ₃	1999 01	16.06402	09 53 40.55	+06 26 50.9	18.7	120
1999 BN ₃	1999 01	21.03073	09 18 55.08	+15 05 30.8		046	1999 BX ₃	1999 01	16.08506	09 53 39.73	+06 26 57.6		120
1999 BN ₃	1999 01	21.03253	09 18 54.95	+15 05 32.1		046	1999 BX ₃	* 1999 01	20.05804	09 51 25.63	+06 54 23.3	18.1	120
1999 BN ₃	1999 01	22.00479	09 18 06.60	+15 11 17.4	18.0 R	046	1999 BX ₃	1999 01	20.06129	09 51 25.49	+06 54 24.7		120
1999 BN ₃	1999 01	22.00737	09 18 06.53	+15 11 19.0		046	1999 BX ₃	1999 01	20.06432	09 51 25.35	+06 54 25.9		120
1999 BN ₃	1999 01	22.01126	09 18 06.26	+15 11 20.0		046	1999 BX ₃	1999 01	20.08141	09 51 24.80	+06 54 33.0		120
1999 BN ₃	1999 01	23.12870	09 17 08.92	+15 18 03.7	17.8 R	046	1999 BX ₃	1999 01	20.97123	09 50 52.45	+07 01 02.5	18.0	120
1999 BN ₃	1999 01	23.13069	09 17 08.86	+15 18 03.7		046	1999 BX ₃	1999 01	21.00391	09 50 51.17	+07 01 16.7		120
1999 BN ₃	1999 01	23.41781	09 16 53.93	+15 19 51.5	19.5 V	691	1999 BX ₃	1999 01	24.99822	09 48 16.10	+07 31 50.4	18.5	120
1999 BN ₃	1999 01	23.43927	09 16 52.76	+15 19 59.3	19.3 V	691	1999 BX ₃	1999 01	25.02329	09 48 15.07	+07 32 02.6		120
1999 BN ₃	1999 01	23.46059	09 16 51.60	+15 20 07.1	19.3 V	691	1999 BX ₃	1999 01	26.00275	09 47 34.89	+07 39 50.7	18.5	120
1999 BN ₃	1999 01	24.02743	09 16 22.20	+15 23 34.0	17.9 R	046	1999 BX ₃	1999 01	26.02508	09 47 33.98	+07 40 02.0		120
1999 BN ₃	1999 01	24.03125	09 16 22.03	+15 23 35.7		046	1999 BX ₃	1999 01	26.03047	09 47 33.81	+07 40 05.3		120
1999 BN ₃	1999 01	24.03499	09 16 21.89	+15 23 36.4		046	1999 BX ₃	1999 01	27.97962	09 46 11.66	+07 55 59.3	18.5	120
1999 BO ₃	* 1999 01	20.12039	10 18 06.56	+41 22 15.2	16.6 R	116	1999 BX ₃	1999 01	27.9998				

1999 BC ₄	1999 01	18.77316	09 02 12.59	+16 57 36.2	888	1999 BO ₄	1999 01	23.00606	10 35 11.41	+08 38 40.1	20.0 V	910
1999 BC ₄	1999 01	20.76979	09 00 43.79	+17 10 26.7	888	1999 BO ₄	1999 01	23.03333	10 35 10.31	+08 38 41.3	19.9 V	910
1999 BC ₄	1999 01	20.78903	09 00 42.90	+17 10 33.9	888	1999 BO ₄	1999 01	23.05844	10 35 09.28	+08 38 42.3	20.0 V	910
1999 BC ₄	1999 01	22.78588	08 59 11.58	+17 23 34.7	888	1999 BP ₄	* 1999 01	19.98541	10 37 42.93	+08 38 07.0	19.6 V	910
1999 BC ₄	1999 01	22.79707	08 59 11.07	+17 23 38.8	888	1999 BP ₄	1999 01	20.00904	10 37 42.50	+08 38 10.1	19.5 V	910
1999 BC ₄	1999 01	28.60137	08 54 35.72	+18 01 55.5	888	1999 BP ₄	1999 01	20.04151	10 37 41.91	+08 38 13.8	19.4 V	910
1999 BC ₄	1999 01	28.60796	08 54 35.38	+18 01 58.3	888	1999 BP ₄	1999 01	21.02050	10 37 24.72	+08 40 18.1	20.0 V	910
1999 BD ₄	* 1999 01	19.96667	07 45 02.20	+25 24 29.5	143	1999 BP ₄	1999 01	21.04479	10 37 24.24	+08 40 21.2	19.9 V	910
1999 BD ₄	1999 01	19.97490	07 45 01.61	+25 24 29.9	143	1999 BP ₄	1999 01	21.07365	10 37 23.67	+08 40 25.1	19.9 V	910
1999 BD ₄	1999 01	19.98314	07 45 01.24	+25 24 31.0	143	1999 BP ₄	1999 01	23.00715	10 36 45.34	+08 44 56.4	20.1 V	910
1999 BD ₄	1999 01	20.96991	07 44 08.26	+25 26 17.8	143	1999 BP ₄	1999 01	23.03442	10 36 44.71	+08 45 00.2	19.9 V	910
1999 BD ₄	1999 01	20.97815	07 44 07.63	+25 26 19.5	143	1999 BP ₄	1999 01	23.05954	10 36 44.15	+08 45 04.1	19.9 V	910
1999 BD ₄	1999 01	20.98638	07 44 07.18	+25 26 19.0	143	1999 BP ₄	1999 01	23.09924	10 36 43.25	+08 45 09.9	19.9 V	910
1999 BD ₄	1999 01	22.86541	07 42 26.96	+25 29 33.7	143	1999 BP ₄	1999 01	23.12482	10 36 42.69	+08 45 14.0	20.2 V	910
1999 BD ₄	1999 01	22.88189	07 42 26.02	+25 29 35.7	143	1999 BP ₄	1999 01	23.14910	10 36 42.13	+08 45 17.5	20.2 V	910
1999 BD ₄	1999 01	22.89836	07 42 25.03	+25 29 36.3	143	1999 BQ ₄	* 1999 01	19.98560	10 38 00.33	+08 31 34.5	19.0 V	910
1999 BD ₄	1999 01	24.97797	07 40 35.00	+25 32 55.3	143	1999 BQ ₄	1999 01	20.00923	10 37 59.57	+08 31 37.9	18.9 V	910
1999 BD ₄	1999 01	24.98622	07 40 34.64	+25 32 55.8	143	1999 BQ ₄	1999 01	20.04170	10 37 58.51	+08 31 42.5	19.2 V	910
1999 BD ₄	1999 01	25.95277	07 39 44.37	+25 34 22.0	143	1999 BQ ₄	1999 01	21.02053	10 37 27.13	+08 34 07.5	19.1 V	910
1999 BD ₄	1999 01	25.96100	07 39 43.81	+25 34 23.0	143	1999 BQ ₄	1999 01	21.04481	10 37 26.31	+08 34 10.9	19.0 V	910
1999 BE ₄	* 1999 01	19.05142	08 33 36.55	+20 17 40.7	104	1999 BQ ₄	1999 01	21.07367	10 37 25.33	+08 34 15.4	19.1 V	910
1999 BE ₄	1999 01	19.07414	08 33 35.20	+20 17 46.0	104	1999 BQ ₄	1999 01	23.00685	10 36 19.55	+08 39 21.8	19.2 V	910
1999 BE ₄	1999 01	19.09868	08 33 33.70	+20 17 51.2	104	1999 BQ ₄	1999 01	23.03412	10 36 18.54	+08 39 26.5	19.3 V	910
1999 BE ₄	1999 01	19.85295	08 32 49.42	+20 20 30.5	104	1999 BQ ₄	1999 01	23.05923	10 36 17.63	+08 39 30.7	18.9 V	910
1999 BE ₄	1999 01	19.86127	08 32 48.92	+20 20 32.8	104	1999 BR ₄	* 1999 01	19.98638	10 39 07.54	+08 29 02.7	19.5 V	910
1999 BE ₄	1999 01	20.85828	08 31 49.39	+20 24 01.3	108	1999 BR ₄	1999 01	20.01001	10 39 07.00	+08 29 06.0	19.5 V	910
1999 BE ₄	1999 01	20.87433	08 31 48.50	+20 24 07.7	108	1999 BR ₄	1999 01	20.04248	10 39 06.27	+08 29 10.3	19.3 V	910
1999 BE ₄	1999 01	20.88275	08 31 48.06	+20 24 09.8	108	1999 BR ₄	1999 01	21.02143	10 38 45.33	+08 31 29.4	19.4 V	910
1999 BE ₄	1999 01	22.18152	08 30 30.17	+20 28 43.9	691	1999 BR ₄	1999 01	21.04572	10 38 44.75	+08 31 33.0	19.4 V	910
1999 BE ₄	1999 01	22.20375	08 30 28.81	+20 28 48.4	691	1999 BR ₄	1999 01	21.07458	10 38 44.04	+08 31 37.1	19.4 V	910
1999 BE ₄	1999 01	22.22605	08 30 27.41	+20 28 53.4	691	1999 BR ₄	1999 01	23.00798	10 37 57.73	+08 36 41.3	19.3 V	910
1999 BE ₄	1999 01	23.39413	08 29 16.78	+20 32 57.2	684	1999 BR ₄	1999 01	23.03525	10 37 57.03	+08 36 45.8	19.3 V	910
1999 BE ₄	1999 01	23.39876	08 29 16.53	+20 32 57.9	684	1999 BR ₄	1999 01	23.06037	10 37 56.34	+08 36 50.1	19.4 V	910
1999 BF ₄	* 1999 01	19.05484	08 33 54.28	+21 10 28.4	104	1999 BS ₄	* 1999 01	19.98678	10 39 41.63	+08 32 58.3	20.1 V	910
1999 BF ₄	1999 01	19.07755	08 33 53.14	+21 10 33.7	104	1999 BS ₄	1999 01	20.01040	10 39 41.06	+08 32 55.7	20.4 V	910
1999 BF ₄	1999 01	19.10209	08 33 51.87	+21 10 39.3	104	1999 BS ₄	1999 01	20.04287	10 39 40.26	+08 32 52.3	20.0 V	910
1999 BF ₄	1999 01	19.85898	08 33 13.00	+21 13 33.8	104	1999 BS ₄	1999 01	21.02180	10 39 17.52	+08 31 09.1	20.2 V	910
1999 BF ₄	1999 01	19.86988	08 33 12.43	+21 13 36.1	104	1999 BS ₄	1999 01	21.04609	10 39 16.89	+08 31 06.5	20.0 V	910
1999 BF ₄	1999 01	19.87483	08 33 12.11	+21 13 37.6	104	1999 BS ₄	1999 01	21.07495	10 39 16.15	+08 31 03.4	19.9 V	910
1999 BF ₄	1999 01	20.89617	08 32 19.00	+21 17 31.1	468	1999 BS ₄	1999 01	23.00831	10 38 26.51	+08 28 00.2	19.8 V	910
1999 BF ₄	1999 01	20.90215	08 32 18.74	+21 17 31.4	468	1999 BS ₄	1999 01	23.03558	10 38 25.71	+08 27 58.0	19.9 V	910
1999 BF ₄	1999 01	21.79103	08 31 32.56	+21 20 55.4	104	1999 BS ₄	1999 01	23.06070	10 38 24.98	+08 27 55.5	20.1 V	910
1999 BF ₄	1999 01	21.79664	08 31 32.28	+21 20 56.5	104	1999 BT ₄	* 1999 01	19.99300	10 48 39.89	+08 43 49.4	19.8 V	910
1999 BF ₄	1999 01	21.80139	08 31 31.94	+21 20 57.7	104	1999 BT ₄	1999 01	20.01663	10 48 39.23	+08 43 51.6	19.5 V	910
1999 BG ₄	* 1999 01	19.05825	08 33 49.69	+22 04 35.0	104	1999 BT ₄	1999 01	20.04909	10 48 38.30	+08 43 54.2	19.1 V	910
1999 BG ₄	1999 01	19.08097	08 33 48.18	+22 04 38.9	104	1999 BT ₄	1999 01	21.02797	10 48 10.93	+08 45 17.7	19.2 V	910
1999 BG ₄	1999 01	19.10552	08 33 46.55	+22 04 42.2	104	1999 BT ₄	1999 01	21.05226	10 48 10.19	+08 45 20.4	19.7 V	910
1999 BG ₄	1999 01	19.88047	08 32 57.23	+22 07 12.0	104	1999 BT ₄	1999 01	21.08111	10 48 09.27	+08 45 23.1	19.1 V	910
1999 BG ₄	1999 01	19.88426	08 32 56.93	+22 07 12.6	104	1999 BT ₄	1999 01	23.10644	10 47 07.40	+08 48 43.0	19.3 V	910
1999 BG ₄	1999 01	19.88981	08 32 56.56	+22 07 14.0	104	1999 BT ₄	1999 01	23.13202	10 47 06.54	+08 48 45.8	19.2 V	910
1999 BG ₄	1999 01	21.81354	08 30 51.90	+22 13 18.4	104	1999 BT ₄	1999 01	23.15629	10 47 05.75	+08 48 48.1	19.1 V	910
1999 BG ₄	1999 01	21.81875	08 30 51.54	+22 13 19.2	104	1999 BU ₄	* 1999 01	19.99400	10 50 07.69	+08 23 22.2	20.3 V	910
1999 BG ₄	1999 01	21.82442	08 30 51.17	+22 13 20.3	104	1999 BU ₄	1999 01	20.01763	10 50 07.13	+08 23 23.7	20.2 V	910
1999 BG ₄	1999 01	22.73750	08 29 51.45	+22 16 08.5	104	1999 BU ₄	1999 01	20.05009	10 50 06.40	+08 23 26.4	20.4 V	910
1999 BG ₄	1999 01	22.74213	08 29 51.05	+22 16 10.0	104	1999 BU ₄	1999 01	21.02904	10 49 44.65	+08 24 38.0	20.2 V	910
1999 BG ₄	1999 01	22.74803	08 29 50.66	+22 16 11.2	104	1999 BU ₄	1999 01	21.05333	10 49 44.04	+08 24 40.0	20.4 V	910
1999 BH ₄	* 1999 01	19.06303	08 33 22.83	+23 14 09.9	104	1999 BU ₄	1999 01	21.08219	10 49 43.32	+08 24 42.2	20.0 V	910
1999 BH ₄	1999 01	19.08575	08 33 21.17	+23 14 19.2	104	1999 BU ₄	1999 01	23.01557	10 48 55.56	+08 27 29.3	20.3 V	910
1999 BH ₄	1999 01	19.11031	08 33 19.72	+23 14 27.8	104	1999 BU ₄	1999 01	23.04284	10 48 54.80	+08 27 31.9	19.9 V	910
1999 BH ₄	1999 01	19.96690	08 32 15.93	+23 20 55.4	104	1999 BU ₄	1999 01	23.06796	10 48 54.11	+08 27 34.4	20.2 V	910
1999 BH ₄	1999 01	19.98756	08 32 14.36	+23 21 01.5	104	1999 BV ₄	* 1999 01	19.99410	10 50 15.00	+08 43 30.6	19.7 V	910
1999 BJ ₄	* 1999 01	19.06371	08 33 31.65	+23 24 20.1	104	1999 BV ₄	1999 01	20.01772	10 50 14.22	+08 43 28.7	19.7 V	910
1999 BJ ₄	1999 01	19.08644	08 33 30.29	+23 24 29.5	104	1999 BV ₄	1999 01	20.05019	10 50 13.18	+08 43 26.5	19.8 V	910
1999 BJ ₄	1999 01	19.11099	08 33 28.83	+23 24 38.0	104	1999 BV ₄	1999 01	21.02903	10 49 42.47	+08 42 23.8	19.7 V	910
1999 BJ ₄	1999 01	19.86030	08 32 48.51	+23 29 05.8	104	1999 BV ₄	1999 01	21.05331	10 49 41.65	+08 42 22.6	20.0 V	910
1999 BJ ₄	1999 01	19.86893	08 32 47.85	+23 29 09.3	104	1999 BV ₄	1999 01	21.08217	10 49 40.68	+08 42 20.7	19.3 V	910
1999 BK ₄	* 1999 01	19.06645	08 34 11.42	+23 56 16.9	104	1999 BV ₄	1999 01	23.01535	10 48 35.36	+08 40 37.4	19.0 V	910
1999 BK ₄	1999 01	19.08915	08 34 10.17	+23 56 31.0	104	1999 BV ₄	1999 01	23.04262	10 48 34.37	+08 40 36.3	19.5 V	910
1999 BK ₄	1999 01	19.11371	08 34 08.84	+23 56 47.3	104	1999 BV ₄	1999 01	23.06773	10 48 33.44	+08 40 35.8	18.8 V	910
1999 BK ₄	1999 01	20.04329	08 33 20.64	+24 06 55.6	104	1999 BW ₄	* 1999 01	19.99544	10 52 12.81	+08 22 17.0	19.8 V	910
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1999 BA ₅	1999 01	21.05868	10 57 26.69	+08 39 39.0	18.8 V	910	1999 BL ₅	1999 01	21.98976	09 21 17.02	+12 31 41.1	046
1999 BA ₅	1999 01	21.08754	10 57 26.00	+08 39 44.0	19.0 V	910	1999 BL ₅	1999 01	21.99256	09 21 16.94	+12 31 41.4	046
1999 BA ₅	1999 01	23.02095	10 56 39.56	+08 45 30.2	19.1 V	910	1999 BL ₅	1999 01	23.13694	09 20 15.98	+12 36 40.3	18.7 R
1999 BA ₅	1999 01	23.04822	10 56 38.82	+08 45 35.3	18.8 V	910	1999 BL ₅	1999 01	23.14308	09 20 15.59	+12 36 41.2	046
1999 BA ₅	1999 01	23.07334	10 56 38.13	+08 45 40.0	19.0 V	910	1999 BL ₅	1999 01	23.14547	09 20 15.50	+12 36 42.5	046
1999 BB ₅	* 1999 01	19.99963	10 58 16.41	+08 19 08.5	18.8 V	910	1999 BL ₅	1999 01	23.15019	09 20 15.27	+12 36 44.0	046
1999 BB ₅	1999 01	20.02327	10 58 15.94	+08 19 09.0	19.2 V	910	1999 BL ₅	1999 01	24.04111	09 19 27.34	+12 40 42.1	18.5 R
1999 BB ₅	1999 01	20.05573	10 58 15.30	+08 19 10.3	18.8 V	910	1999 BL ₅	1999 01	24.04394	09 19 27.24	+12 40 42.6	046
1999 BB ₅	1999 01	21.03470	10 57 56.03	+08 19 45.0	18.6 V	910	1999 BL ₅	1999 01	24.04605	09 19 27.08	+12 40 42.9	046
1999 BB ₅	1999 01	21.05900	10 57 55.51	+08 19 46.1	18.9 V	910	1999 BL ₅	1999 01	24.04963	09 19 26.84	+12 40 45.1	046
1999 BB ₅	1999 01	21.08785	10 57 54.88	+08 19 47.3	18.9 V	910	1999 BM ₅	* 1999 01	18.36350	09 32 10.98	+15 40 08.5	19.1 V
1999 BB ₅	1999 01	23.02131	10 57 12.91	+08 21 17.5	20.2 V	910	1999 BM ₅	1999 01	18.38512	09 32 09.76	+15 40 15.1	18.8 V
1999 BB ₅	1999 01	23.04858	10 57 12.26	+08 21 18.9	20.3 V	910	1999 BM ₅	1999 01	18.40702	09 32 08.54	+15 40 21.9	18.7 V
1999 BB ₅	1999 01	23.07370	10 57 11.65	+08 21 20.5	20.1 V	910	1999 BM ₅	1999 01	19.29342	09 31 20.46	+15 44 49.6	18.6 V
1999 BC ₅	* 1999 01	19.99980	10 58 29.58	+08 33 35.7	18.9 V	910	1999 BM ₅	1999 01	19.29732	09 31 20.24	+15 44 51.4	18.7 V
1999 BC ₅	1999 01	20.02343	10 58 28.91	+08 33 32.6	19.2 V	910	1999 BM ₅	1999 01	19.30127	09 31 20.03	+15 44 52.4	18.6 V
1999 BC ₅	1999 01	20.05589	10 58 27.99	+08 33 28.2	19.2 V	910	1999 BM ₅	1999 01	20.00851	09 30 40.89	+15 48 28.3	104
1999 BC ₅	1999 01	21.03477	10 58 00.83	+08 31 27.9	19.2 V	910	1999 BM ₅	1999 01	20.01771	09 30 40.38	+15 48 31.1	104
1999 BC ₅	1999 01	21.05906	10 58 00.10	+08 31 24.7	19.0 V	910	1999 BM ₅	1999 01	20.02431	09 30 39.96	+15 48 33.3	18.7 V
1999 BC ₅	1999 01	21.08792	10 57 59.24	+08 31 21.4	19.1 V	910	1999 BM ₅	1999 01	20.06635	09 30 37.54	+15 48 45.5	17.5 R
1999 BC ₅	1999 01	23.02119	10 57 01.63	+08 27 40.3	19.9 V	910	1999 BM ₅	1999 01	20.06825	09 30 37.42	+15 48 46.1	046
1999 BC ₅	1999 01	23.04845	10 57 00.72	+08 27 37.4	20.0 V	910	1999 BM ₅	1999 01	20.07057	09 30 37.31	+15 48 46.7	046
1999 BC ₅	1999 01	23.07357	10 56 59.94	+08 27 34.8	20.1 V	910	1999 BM ₅	1999 01	20.95947	09 29 47.38	+15 53 21.6	18.1 R
1999 BD ₅	* 1999 01	20.00047	10 59 26.80	+08 40 40.5	17.8 V	910	1999 BM ₅	1999 01	20.96234	09 29 47.20	+15 53 21.7	046
1999 BD ₅	1999 01	20.02410	10 59 26.54	+08 40 41.8	17.8 V	910	1999 BM ₅	1999 01	20.96494	09 29 47.08	+15 53 22.6	046
1999 BD ₅	1999 01	20.05657	10 59 26.19	+08 40 43.0	17.8 V	910	1999 BM ₅	1999 01	20.96853	09 29 46.86	+15 53 24.4	046
1999 BD ₅	1999 01	21.03566	10 59 16.42	+08 41 28.7	17.5 V	910	1999 BM ₅	1999 01	21.41556	09 29 21.27	+15 55 42.7	658
1999 BD ₅	1999 01	21.05995	10 59 16.12	+08 41 29.9	17.4 V	910	1999 BM ₅	1999 01	21.41836	09 29 21.10	+15 55 43.6	658
1999 BD ₅	1999 01	21.08881	10 59 15.73	+08 41 31.4	17.5 V	910	1999 BM ₅	1999 01	21.42023	09 29 20.97	+15 55 44.3	17.4 R
1999 BD ₅	1999 01	23.02246	10 58 50.74	+08 43 32.0	17.5 V	910	1999 BM ₅	1999 01	21.99527	09 28 47.98	+15 58 44.3	046
1999 BD ₅	1999 01	23.04973	10 58 50.27	+08 43 34.0	17.6 V	910	1999 BM ₅	1999 01	21.99777	09 28 47.81	+15 58 44.9	046
1999 BD ₅	1999 01	23.07486	10 58 49.86	+08 43 35.8	17.7 V	910	1999 BM ₅	1999 01	21.99955	09 28 47.74	+15 58 45.2	046
1999 BE ₅	* 1999 01	19.17714	08 14 48.93	+21 42 55.7	16.8 R	757	1999 BM ₅	1999 01	22.00249	09 28 47.55	+15 58 46.0	046
1999 BE ₅	1999 01	19.19282	08 14 48.06	+21 43 03.3	16.8 R	757	1999 BM ₅	1999 01	22.25751	09 28 32.89	+16 00 05.8	658
1999 BE ₅	1999 01	21.21836	08 12 48.86	+22 00 39.1	16.7 R	757	1999 BM ₅	1999 01	22.26003	09 28 32.79	+16 00 06.5	658
1999 BE ₅	1999 01	21.25036	08 12 46.88	+22 00 58.2	16.2 R	757	1999 BM ₅	1999 01	22.26538	09 28 32.47	+16 00 08.1	658
1999 BE ₅	1999 01	26.18615	08 07 54.97	+22 43 01.7	16.1 R	757	1999 BN ₅	* 1999 01	19.16367	02 55 25.46	+09 09 30.6	651
1999 BE ₅	1999 01	26.20072	08 07 54.04	+22 43 08.3	16.0 R	757	1999 BN ₅	1999 01	19.17270	02 55 25.91	+09 09 34.6	651
1999 BF ₅	* 1999 01	20.66197	09 50 30.09	+21 56 27.0	17	411	1999 BN ₅	1999 01	19.17583	02 55 26.14	+09 09 35.5	651
1999 BF ₅	1999 01	20.67283	09 50 29.75	+21 56 32.0		411	1999 BN ₅	1999 01	19.18367	02 55 26.52	+09 09 39.9	651
1999 BF ₅	1999 01	21.59584	09 49 55.77	+22 04 50.6		411	1999 BN ₅	1999 01	19.18662	02 55 26.69	+09 09 40.4	651
1999 BF ₅	1999 01	21.62194	09 49 54.69	+22 05 05.8		411	1999 BN ₅	1999 01	20.12770	02 56 19.01	+09 17 19.3	651
1999 BF ₅	1999 01	26.59053	09 46 29.99	+22 50 21.8		411	1999 BN ₅	1999 01	20.13132	02 56 19.20	+09 17 20.2	651
1999 BF ₅	1999 01	26.59376	09 46 29.87	+22 50 23.5		411	1999 BN ₅	1999 01	20.13814	02 56 19.56	+09 17 25.4	651
1999 BG ₅	* 1999 01	18.34373	09 11 13.04	-24 52 28.0	18.3 R	703	1999 BN ₅	1999 01	20.14713	02 56 20.10	+09 17 28.0	651
1999 BG ₅	1999 01	18.35292	09 11 12.61	-24 52 33.3		703	1999 BN ₅	1999 01	20.15358	02 56 20.48	+09 17 31.7	651
1999 BG ₅	1999 01	18.36184	09 11 12.16	-24 52 38.0		703	1999 BN ₅	1999 01	20.15596	02 56 20.56	+09 17 33.1	18.2 V
1999 BG ₅	1999 01	19.28887	09 10 27.59	-25 02 01.0		703	1999 BN ₅	1999 01	20.16309	02 56 20.95	+09 17 36.6	651
1999 BG ₅	1999 01	19.29569	09 10 27.32	-25 02 04.8		703	1999 BN ₅	1999 01	20.17317	02 56 21.48	+09 17 40.9	651
1999 BG ₅	1999 01	23.31287	09 07 02.02	-25 38 00.5		703	1999 BN ₅	1999 01	20.19112	02 56 22.46	+09 17 49.8	651
1999 BG ₅	1999 01	23.32075	09 07 01.56	-25 38 04.7		703	1999 BN ₅	1999 01	20.20407	02 56 23.19	+09 17 55.8	18.2 V
1999 BH ₅	* 1999 01	20.88777	05 58 03.37	+22 20 56.1	18.5 R	046	1999 BN ₅	1999 01	27.21245	03 03 23.45	+10 15 12.6	651
1999 BH ₅	1999 01	20.89000	05 58 03.28	+22 20 55.8		046	1999 BN ₅	1999 01	27.22140	03 03 23.87	+10 15 18.9	651
1999 BH ₅	1999 01	20.89243	05 58 03.13	+22 20 54.8		046	1999 BN ₅	1999 01	27.22300	03 03 23.90	+10 15 21.8	651
1999 BH ₅	1999 01	21.84984	05 57 24.70	+22 16 03.0	18.1 R	046	1999 BN ₅	1999 01	30.13775	03 06 33.32	+10 39 14.3	651
1999 BH ₅	1999 01	21.85265	05 57 24.65	+22 16 02.5		046	1999 BN ₅	1999 01	30.17229	03 06 35.57	+10 39 31.2	18.3
1999 BH ₅	1999 01	21.85449	05 57 24.47	+22 16 01.5		046	1999 BO ₅	* 1999 01	16.58854	08 42 55.17	+23 57 26.9	16.6
1999 BH ₅	1999 01	21.85630	05 57 24.48	+22 16 01.1		046	1999 BO ₅	1999 01	16.60278	08 42 54.21	+23 57 28.8	399
1999 BH ₅	1999 01	22.86286	05 56 45.84	+22 10 57.2	18.3 R	046	1999 BO ₅	1999 01	17.55720	08 41 51.19	+23 58 40.7	16.6
1999 BH ₅	1999 01	22.86543	05 56 45.76	+22 10 56.0		046	1999 BO ₅	1999 01	17.57144	08 41 50.25	+23 58 41.3	399
1999 BH ₅	1999 01	22.86969	05 56 45.56	+22 10 54.6		046	1999 BP ₅	* 1999 01	21.10845	12 07 02.94	-03 52 51.9	18.4
1999 BH ₅	1999 01	23.81094	05 56 11.33	+22 06 11.8	18.0 R	046	1999 BP ₅	1999 01	21.13763	12 07 03.77	-03 52 55.9	120
1999 BH ₅	1999 01	23.81500	05 56 11.11	+22 06 11.4		046	1999 BP ₅	1999 01	21.15655	12 07 04.35	-03 52 58.8	120
1999 BH ₅	1999 01	23.82142	05 56 10.84	+22 06 10.0		046	1999 BP ₅	1999 01	21.16042	12 07 04.38	-03 52 59.3	120
1999 BJ ₅	* 1999 01	21.07666	09 21 52.22	+12 25 00.6	18.3 R	046	1999 BP ₅	1999 01	22.13480	12 07 33.94	-03 54 56.3	18.1
1999 BJ ₅	1999 01	21.07852	09 21 52.09	+12 25 00.7		046	1999 BP ₅	1999 01	22.13803	12 07 34.05	-03 54 57.5	120
1999 BJ ₅	1999 01	21.08034	09 21 51.98	+12 25 01.7		046	1999 BP ₅	1999 01	22.15657	12 07 34.61	-03 54 59.4	120
1999 BJ ₅	1999 01	21.08214	09 21 51.87	+12 25 02.1		046	1999 BP ₅	1999 01	23.06307	12 08 00.66	-03 56 36.7	18.2
1999 BJ ₅	1999 01	21.08404	09 21 51.80	+12 25 02.9		046	1999 BP ₅	1999 01	23.09534	12 08 01.51	-03 56 39.9	120
1999 BJ ₅	1999 01	21.96353	09 21 02.56	+12 29 26.9	18.1 R	046	1999 BP ₅	1999 01	23.10456	12 08 01.79	-03 56 40.9	120
1999 BJ ₅	1999 01	21.96578	09 21 02.38	+12 29 27.5		046	1999 BQ ₅	1999 01	10.00753	0		

1999 BU ₅	1999 01	22.95360	09 28 41.62	+10 26 08.7	120	1999 BK ₆	* 1999 01	20.17066	12 15 09.40	-00 28 20.9	20.1 V	910	
1999 BV ₅	* 1999 01	20.91053	09 31 28.29	+14 02 14.7	18.6	120	1999 BK ₆	1999 01	20.19465	12 15 10.02	-00 28 20.5	20.5 V	910
1999 BV ₅	1999 01	20.92206	09 31 27.85	+14 02 20.4	120	120	1999 BK ₆	1999 01	20.21813	12 15 10.64	-00 28 20.8	19.9 V	910
1999 BV ₅	1999 01	20.94629	09 31 26.72	+14 02 30.5	120	120	1999 BK ₆	1999 01	22.12267	12 16 01.50	-00 27 45.6	20.5 V	910
1999 BV ₅	1999 01	21.96434	09 30 42.37	+14 09 54.1	18.7	120	1999 BK ₆	1999 01	22.14651	12 16 02.06	-00 27 45.2	20.1 V	910
1999 BV ₅	1999 01	21.98509	09 30 41.42	+14 10 02.3	120	120	1999 BK ₆	1999 01	22.17020	12 16 02.61	-00 27 44.4	20.1 V	910
1999 BV ₅	1999 01	22.87876	09 30 01.73	+14 16 36.8	18.2	120	1999 BL ₆	* 1999 01	20.17102	12 15 41.24	-00 30 30.7	19.9 V	910
1999 BV ₅	1999 01	22.95598	09 29 58.22	+14 17 11.3	120	120	1999 BL ₆	1999 01	20.19501	12 15 41.79	-00 30 28.4	19.9 V	910
1999 BW ₅	* 1999 01	20.91053	09 32 17.15	+14 04 33.9	18.6	120	1999 BL ₆	1999 01	20.21849	12 15 42.35	-00 30 26.2	20.0 V	910
1999 BW ₅	1999 01	20.92206	09 32 16.46	+14 04 35.3	120	120	1999 BL ₆	1999 01	22.12294	12 16 25.26	-00 27 10.1	19.6 V	910
1999 BW ₅	1999 01	20.94629	09 32 15.16	+14 04 37.0	120	120	1999 BL ₆	1999 01	22.14678	12 16 25.72	-00 27 07.1	19.5 V	910
1999 BW ₅	1999 01	21.96434	09 31 20.60	+14 05 44.1	18.6	120	1999 BL ₆	1999 01	22.17047	12 16 26.18	-00 27 04.4	19.7 V	910
1999 BW ₅	1999 01	21.98509	09 31 19.52	+14 05 44.4	120	120	1999 BM ₆	* 1999 01	20.17191	12 16 58.23	-00 17 43.1	21.0 V	910
1999 BW ₅	1999 01	22.87876	09 30 30.88	+14 06 45.8	18.5	120	1999 BM ₆	1999 01	20.19590	12 16 58.55	-00 17 44.8	21.1 V	910
1999 BW ₅	1999 01	22.95598	09 30 26.44	+14 06 51.8	120	120	1999 BM ₆	1999 01	20.21938	12 16 58.85	-00 17 45.3	20.7 V	910
1999 BX ₅	* 1999 01	20.98281	10 59 20.60	+03 56 57.5	18.6	120	1999 BM ₆	1999 01	22.12361	12 17 22.81	-00 18 22.1	20.4 V	910
1999 BX ₅	1999 01	21.06744	10 59 19.07	+03 56 43.7	120	120	1999 BM ₆	1999 01	22.14744	12 17 23.07	-00 18 22.3	20.8 V	910
1999 BX ₅	1999 01	21.08140	10 59 18.76	+03 56 41.3	120	120	1999 BM ₆	1999 01	22.17113	12 17 23.28	-00 18 22.8	20.6 V	910
1999 BX ₅	1999 01	22.02304	10 59 02.19	+03 54 14.4	18.5	120	1999 BN ₆	* 1999 01	20.17491	12 21 18.14	-00 31 35.6	21.1 V	910
1999 BX ₅	1999 01	22.09281	10 59 00.75	+03 54 04.2	120	120	1999 BN ₆	1999 01	20.19890	12 21 18.50	-00 31 38.5	20.9 V	910
1999 BX ₅	1999 01	23.05204	10 58 42.01	+03 51 44.5	18.8	120	1999 BN ₆	1999 01	20.22238	12 21 18.83	-00 31 40.8	21.5 V	910
1999 BX ₅	1999 01	23.08123	10 58 41.37	+03 51 39.3	120	120	1999 BN ₆	1999 01	22.12665	12 21 46.34	-00 34 55.4	21.0 V	910
1999 BY ₅	* 1999 01	21.01420	09 33 59.24	+12 22 31.3	18.4	120	1999 BN ₆	1999 01	22.15048	12 21 46.60	-00 34 57.7	20.6 V	910
1999 BY ₅	1999 01	21.03123	09 33 58.43	+12 22 33.7	120	120	1999 BN ₆	1999 01	22.17417	12 21 46.87	-00 34 59.9	20.5 V	910
1999 BY ₅	1999 01	21.04780	09 33 57.63	+12 22 37.1	120	120	1999 BO ₆	* 1999 01	20.17496	12 21 22.55	-00 25 47.0	20.4 V	910
1999 BY ₅	1999 01	21.96895	09 33 15.66	+12 25 14.1	18.4	120	1999 BO ₆	1999 01	20.19895	12 21 23.19	-00 25 52.7	20.6 V	910
1999 BY ₅	1999 01	21.98946	09 33 14.64	+12 25 18.1	120	120	1999 BO ₆	1999 01	20.22243	12 21 23.81	-00 25 57.6	20.5 V	910
1999 BY ₅	1999 01	22.88333	09 32 32.93	+12 27 57.2	18.4	120	1999 BO ₆	1999 01	22.12698	12 22 15.11	-00 33 02.0	21.2 V	910
1999 BY ₅	1999 01	22.96025	09 32 29.14	+12 28 11.0	120	120	1999 BO ₆	1999 01	22.15082	12 22 15.66	-00 33 07.1	21.0 V	910
1999 BZ ₅	* 1999 01	21.01850	09 34 09.39	+11 20 15.3	18.6	120	1999 BO ₆	1999 01	22.17451	12 22 16.22	-00 33 12.0	21.7 V	910
1999 BZ ₅	1999 01	21.03553	09 34 08.57	+11 20 21.4	120	120	1999 BP ₆	* 1999 01	20.17705	12 24 23.22	-00 40 37.2	20.5 V	910
1999 BZ ₅	1999 01	21.05233	09 34 07.83	+11 20 28.6	120	120	1999 BP ₆	1999 01	20.20104	12 24 23.86	-00 40 38.5	20.2 V	910
1999 BZ ₅	1999 01	21.97141	09 33 26.94	+11 25 55.4	18.8	120	1999 BP ₆	1999 01	20.22452	12 24 24.42	-00 40 40.6	19.7 V	910
1999 BZ ₅	1999 01	21.99160	09 33 25.98	+11 26 03.3	120	120	1999 BP ₆	1999 01	22.12907	12 25 16.22	-00 42 21.1	20.0 V	910
1999 BZ ₅	1999 01	22.88532	09 32 45.16	+11 31 29.0	18.6	120	1999 BP ₆	1999 01	22.15291	12 25 16.79	-00 42 22.1	20.1 V	910
1999 BZ ₅	1999 01	22.96267	09 32 41.51	+11 31 57.7	120	120	1999 BP ₆	1999 01	22.17660	12 25 17.35	-00 42 23.1	20.1 V	910
1999 BZ ₅	1999 01	22.97543	09 32 40.87	+11 32 02.5	120	120	1999 BQ ₆	* 1999 01	20.17804	12 25 49.19	-00 27 44.3	19.5 V	910
1999 BZ ₅	1999 01	23.88323	09 31 58.48	+11 37 40.7	18.8	120	1999 BQ ₆	1999 01	20.20203	12 25 49.63	-00 27 43.7	19.4 V	910
1999 BZ ₅	1999 01	23.89694	09 31 57.72	+11 37 45.5	120	120	1999 BQ ₆	1999 01	20.22551	12 25 50.05	-00 27 43.0	19.4 V	910
1999 BZ ₅	1999 01	24.92964	09 31 08.28	+11 44 17.6	18.6	120	1999 BQ ₆	1999 01	22.12986	12 26 25.01	-00 26 29.6	19.6 V	910
1999 BZ ₅	1999 01	24.95370	09 31 07.13	+11 44 27.1	120	120	1999 BQ ₆	1999 01	22.15370	12 26 25.37	-00 26 28.2	19.4 V	910
1999 BA ₆	* 1999 01	21.01850	09 34 18.11	+10 49 46.5	18.0	120	1999 BQ ₆	1999 01	22.17739	12 26 25.76	-00 26 27.5	19.0 V	910
1999 BA ₆	1999 01	21.03553	09 34 17.08	+10 49 47.6	120	120	1999 BR ₆	* 1999 01	21.18497	13 31 04.23	-03 57 35.7	19.4 V	910
1999 BA ₆	1999 01	21.05233	09 34 16.20	+10 49 49.0	120	120	1999 BR ₆	1999 01	21.21865	13 31 05.47	-03 57 42.2	19.2 V	910
1999 BA ₆	1999 01	21.97340	09 33 26.71	+10 50 51.7	18.3	120	1999 BR ₆	1999 01	21.23454	13 31 06.06	-03 57 46.0	18.7 V	910
1999 BA ₆	1999 01	21.99367	09 33 25.58	+10 50 53.4	120	120	1999 BR ₆	1999 01	22.19505	13 31 42.22	-04 01 00.7	19.9 V	910
1999 BA ₆	1999 01	23.88093	09 31 40.82	+10 53 20.9	18.4	120	1999 BR ₆	1999 01	22.21148	13 31 42.79	-04 01 03.9	19.8 V	910
1999 BA ₆	1999 01	23.89417	09 31 40.16	+10 53 22.0	120	120	1999 BR ₆	1999 01	22.22777	13 31 43.39	-04 01 07.1	20.0 V	910
1999 BA ₆	1999 01	24.92678	09 30 41.11	+10 54 52.8	18.2	120	1999 BR ₆	1999 01	26.19170	13 34 01.08	-04 13 23.1	19.9 V	910
1999 BA ₆	1999 01	24.95061	09 30 39.74	+10 54 54.8	120	120	1999 BR ₆	1999 01	26.21417	13 34 01.79	-04 13 27.3	20.0 V	910
1999 BB ₆	* 1999 01	21.01850	09 34 26.32	+11 15 04.8	18.2	120	1999 BR ₆	1999 01	26.23715	13 34 02.48	-04 13 31.2	19.8 V	910
1999 BB ₆	1999 01	21.03553	09 34 25.48	+11 15 08.4	120	120	1999 BS ₆	* 1999 01	21.18561	13 31 59.36	-03 45 51.4	20.9 V	910
1999 BB ₆	1999 01	21.05233	09 34 24.72	+11 15 12.4	120	120	1999 BS ₆	1999 01	21.21929	13 32 01.11	-03 45 48.4	20.7 V	910
1999 BB ₆	1999 01	21.97141	09 33 42.10	+11 18 31.4	18.6	120	1999 BS ₆	1999 01	21.23518	13 32 01.97	-03 45 47.9	20.8 V	910
1999 BB ₆	1999 01	21.99160	09 33 41.06	+11 18 35.6	120	120	1999 BS ₆	1999 01	22.19586	13 32 52.96	-03 44 30.4	21.2 V	910
1999 BB ₆	1999 01	22.88532	09 32 58.96	+11 21 53.9	120	120	1999 BS ₆	1999 01	22.21230	13 32 53.82	-03 44 28.5	20.4 V	910
1999 BB ₆	1999 01	22.96267	09 32 54.90	+11 22 11.1	120	120	1999 BS ₆	1999 01	22.22859	13 32 54.65	-03 44 27.1	21.1 V	910
1999 BB ₆	1999 01	22.96486	09 32 54.83	+11 22 11.8	18.2	120	1999 BT ₆	* 1999 01	21.18636	13 33 04.65	-03 57 17.2	19.9 V	910
1999 BB ₆	1999 01	22.97543	09 32 54.46	+11 22 13.1	120	120	1999 BT ₆	1999 01	21.22004	13 33 06.45	-03 57 24.5	20.2 V	910
1999 BB ₆	1999 01	22.97765	09 32 54.41	+11 22 13.5	120	120	1999 BT ₆	1999 01	21.23594	13 33 07.29	-03 57 28.3	19.7 V	910
1999 BB ₆	1999 01	23.88323	09 32 10.84	+11 25 40.0	18.2	120	1999 BT ₆	1999 01	22.19664	13 34 00.08	-04 00 54.3	20.1 V	910
1999 BB ₆	1999 01	23.89694	09 32 10.09	+11 25 42.8	120	120	1999 BT ₆	1999 01	22.21308	13 34 00.95	-04 00 57.7	20.3 V	910
1999 BB ₆	1999 01	24.92964	09 31 19.44	+11 29 42.5	18.2	120	1999 BT ₆	1999 01	22.22937	13 34 01.82	-04 01 01.1	20.0 V	910
1999 BB ₆	1999 01	24.95370	09 31 18.25	+11 29 48.4	120	120	1999 BT ₆	1999 01	26.19409	13 37 28.14	-04 13 53.9	20.5 V	910
1999 BC ₆	* 1999 01	20.16167	12 02 10.96	-00 28 07.7	20.5 V	910	1999 BT ₆	1999 01	26.21656	13 37 29.21	-04 13 57.9	20.5 V	910
1999 BC ₆	1999 01	20.18566	12 02 11.66	-00 28 06.0	20.2 V	910	1999 BT ₆	1999 01	26.23955	13 37 30.32	-04 14 02.1	20.6 V	910
1999 BC ₆	1999 01	20.20915	12 02 12.38	-00 28 04.3	19.8 V	910	1999 BU ₆	* 1999 01	21.18932	13 37 21			

1999 BZ ₆	1999 01	19.97843	09 54	14.67	+14 05	33.6	17.9	132	1999 BM ₇	1999 01	23.26783	08 27	22.12	+21 30	05.8	19.4	V	691
1999 BZ ₆	1999 01	21.96426	09 53	02.03	+14 14	16.4	17.6	132	1999 BM ₇	1999 01	23.29031	08 27	20.67	+21 30	16.3	19.4	V	691
1999 BZ ₆	1999 01	21.99356	09 53	00.94	+14 14	23.2	17.8	132	1999 BN ₇	1999 01	20.90804	08 34	43.20	+21 09	33.6	18.2	R	468
1999 BA ₇	1999 01	19.76514	03 37	32.90	+24 33	45.4		595	1999 BN ₇	1999 01	20.91537	08 34	42.91	+21 09	35.1	19.4	R	468
1999 BA ₇	* 1999 01	19.82309	03 37	33.49	+24 33	47.6		595	1999 BN ₇	1999 01	20.92830	08 34	42.29	+21 09	32.9	18.2	R	468
1999 BA ₇	1999 01	21.81510	03 37	59.47	+24 35	05.5		595	1999 BN ₇	1999 01	22.84616	08 33	11.52	+21 19	09.2	18.5	R	468
1999 BA ₇	1999 01	21.86866	03 38	00.21	+24 35	07.2		595	1999 BN ₇	1999 01	22.85189	08 33	11.16	+21 19	05.9	18.6	R	468
1999 BA ₇	1999 01	21.92057	03 38	00.87	+24 35	10.2	19.2	V	1999 BN ₇	1999 01	22.87374	08 33	10.06	+21 19	10.6	19.3	R	468
1999 BB ₇	1999 01	20.02159	07 09	54.64	+17 05	17.6		595	1999 BO ₇	* 1999 01	20.90804	08 35	12.26	+21 12	20.7	18.4	R	468
1999 BB ₇	* 1999 01	20.04066	07 09	53.52	+17 05	17.0		595	1999 BO ₇	1999 01	20.91537	08 35	11.64	+21 12	22.1	18.3	R	468
1999 BB ₇	1999 01	21.02770	07 08	57.89	+17 05	55.6		595	1999 BO ₇	1999 01	20.92830	08 35	10.81	+21 12	25.8	18.2	R	468
1999 BB ₇	1999 01	21.06394	07 08	55.87	+17 05	56.8	17.3	V	1999 BO ₇	1999 01	22.84616	08 32	57.69	+21 16	33.3	18.5	R	468
1999 BB ₇	1999 01	24.85765	07 05	34.31	+17 08	39.2	17.9	V	1999 BO ₇	1999 01	22.85189	08 32	57.33	+21 16	37.5	19.7	R	468
1999 BB ₇	1999 01	24.87848	07 05	33.20	+17 08	40.4		595	1999 BO ₇	1999 01	22.87374	08 32	55.95	+21 16	38.2	18.6	R	468
1999 BC ₇	* 1999 01	19.05279	08 34	02.72	+20 35	29.6	18.5	V	1999 BO ₇	1999 01	23.24877	08 32	28.37	+21 17	36.0	18.9	V	691
1999 BC ₇	1999 01	19.07551	08 34	01.52	+20 35	34.8		104	1999 BO ₇	1999 01	23.27135	08 32	26.71	+21 17	39.0	18.9	V	691
1999 BC ₇	1999 01	19.10005	08 34	00.28	+20 35	40.7		104	1999 BO ₇	1999 01	23.29382	08 32	25.09	+21 17	41.9	18.9	V	691
1999 BC ₇	1999 01	19.96921	08 33	15.52	+20 39	10.6		104	1999 BP ₇	* 1999 01	21.82097	07 01	54.36	+20 18	47.2	17.9		120
1999 BC ₇	1999 01	19.98889	08 33	14.55	+20 39	14.6		104	1999 BP ₇	1999 01	21.83412	07 01	53.41	+20 19	01.8			120
1999 BC ₇	1999 01	20.80413	08 32	32.44	+20 42	30.2	18.7	V	1999 BP ₇	1999 01	22.79699	07 00	45.99	+20 36	37.5	17.8		120
1999 BC ₇	1999 01	20.80938	08 32	32.10	+20 42	31.5		104	1999 BP ₇	1999 01	23.78787	06 59	37.39	+20 54	39.8	17.8		120
1999 BC ₇	1999 01	20.81528	08 32	31.75	+20 42	33.2		104	1999 BP ₇	1999 01	23.79848	06 59	36.67	+20 54	51.2			120
1999 BD ₇	* 1999 01	19.98756	08 32	17.27	+23 14	16.5	17.5	V	1999 BP ₇	1999 01	24.75491	06 58	31.51	+21 12	11.6	17.8		120
1999 BD ₇	1999 01	21.96047	08 30	22.14	+23 26	07.1		108	1999 BP ₇	1999 01	24.77891	06 58	29.78	+21 12	37.8			120
1999 BD ₇	1999 01	21.96670	08 30	21.92	+23 26	08.2		108	1999 BP ₇	1999 01	24.80419	06 58	27.99	+21 13	05.5			120
1999 BD ₇	1999 01	21.97262	08 30	21.56	+23 26	09.7		108	1999 BP ₇	1999 01	25.76887	06 57	23.20	+21 30	29.5	18.0		120
1999 BD ₇	1999 01	21.98294	08 30	20.97	+23 26	13.9	17.5	V	1999 BP ₇	1999 01	25.77748	06 57	22.64	+21 30	39.1			120
1999 BE ₇	* 1999 01	21.09488	10 19	20.70	+23 30	15.8	17.1	R	1999 BP ₇	1999 01	27.90715	06 55	03.19	+22 08	44.8	18.0		120
1999 BE ₇	1999 01	21.12573	10 19	19.50	+23 30	26.8	17.1	R	1999 BP ₇	1999 01	27.91266	06 55	02.79	+22 08	51.0			120
1999 BE ₇	1999 01	21.87271	10 18	51.69	+23 35	03.7	17.1	R	1999 BQ ₇	* 1999 01	21.83786	07 31	09.02	+21 20	52.0	18.4		120
1999 BE ₇	1999 01	21.90384	10 18	50.41	+23 35	15.3	17.5	R	1999 BQ ₇	1999 01	21.86330	07 31	07.42	+21 20	52.2			120
1999 BE ₇	1999 01	23.98598	10 17	25.73	+23 48	14.0	17.6	R	1999 BQ ₇	1999 01	22.82554	07 30	10.36	+21 21	25.1	18.5		120
1999 BE ₇	1999 01	24.01151	10 17	24.59	+23 48	23.8	17.6	R	1999 BQ ₇	1999 01	22.84591	07 30	09.03	+21 21	25.2			120
1999 BF ₇	* 1999 01	21.72619	11 31	10.55	+12 22	47.9	17		1999 BQ ₇	1999 01	24.75900	07 28	17.46	+21 22	25.0	18.2		120
1999 BF ₇	1999 01	21.74521	11 31	10.61	+12 22	54.0		411	1999 BQ ₇	1999 01	24.78236	07 28	16.07	+21 22	26.4			120
1999 BF ₇	1999 01	22.74367	11 31	13.19	+12 28	01.7		411	1999 BQ ₇	1999 01	24.80745	07 28	14.60	+21 22	26.6			120
1999 BF ₇	1999 01	22.74851	11 31	13.11	+12 28	03.2		411	1999 BR ₇	1999 01	17.22140	08 10	09.43	+16 22	48.6	18.0	V	691
1999 BG ₇	* 1999 01	21.77222	10 51	08.98	+06 28	17.4	18.6	V	1999 BR ₇	1999 01	17.24307	08 10	08.14	+16 22	59.5	17.9	V	691
1999 BG ₇	1999 01	21.77778	10 51	08.90	+06 28	19.0		360	1999 BR ₇	1999 01	17.26460	08 10	06.88	+16 23	10.5	18.0	V	691
1999 BG ₇	1999 01	21.78472	10 51	08.79	+06 28	21.1		360	1999 BR ₇	1999 01	18.19386	08 09	13.91	+16 30	53.8	17.6	V	691
1999 BG ₇	1999 01	22.66181	10 50	56.31	+06 32	48.0		360	1999 BR ₇	1999 01	18.21647	08 09	12.61	+16 31	04.8	17.8	V	691
1999 BG ₇	1999 01	22.66736	10 50	56.24	+06 32	49.9		360	1999 BR ₇	1999 01	18.23807	08 09	11.33	+16 31	15.6	17.8	V	691
1999 BG ₇	1999 01	22.67361	10 50	56.13	+06 32	51.6		360	1999 BR ₇	* 1999 01	21.85259	08 05	45.01	+17 01	24.8	18.2		120
1999 BG ₇	1999 01	26.78715	10 49	41.40	+06 55	42.3	18.4	V	1999 BR ₇	1999 01	21.87763	08 05	43.52	+17 01	37.4			120
1999 BG ₇	1999 01	26.79306	10 49	41.26	+06 55	44.4		360	1999 BR ₇	1999 01	21.91583	08 05	41.28	+17 01	56.5			120
1999 BG ₇	1999 01	26.79809	10 49	41.14	+06 55	46.3		360	1999 BR ₇	1999 01	22.80656	08 04	50.88	+17 09	21.6	18.4		120
1999 BH ₇	* 1999 01	21.90407	06 21	21.54	-00 53	07.4		046	1999 BR ₇	1999 01	22.83105	08 04	49.40	+17 09	34.3			120
1999 BH ₇	1999 01	21.90635	06 21	21.41	-00 53	06.7		046	1999 BR ₇	1999 01	22.90302	08 04	45.26	+17 10	11.0			120
1999 BH ₇	1999 01	21.91010	06 21	21.20	-00 53	08.6		046	1999 BR ₇	1999 01	23.81229	08 03	54.10	+17 17	45.8	18.0		120
1999 BH ₇	1999 01	21.91194	06 21	21.08	-00 53	09.2		046	1999 BR ₇	1999 01	23.82626	08 03	53.27	+17 17	52.6			120
1999 BH ₇	1999 01	21.91414	06 21	20.97	-00 53	10.1		046	1999 BS ₇	1999 01	18.19468	08 10	25.10	+17 00	13.5	18.4	V	691
1999 BH ₇	1999 01	22.92975	06 20	29.68	-00 56	41.0	18.5	R	1999 BS ₇	1999 01	18.21729	08 10	23.53	+17 00	15.9	18.4	V	691
1999 BH ₇	1999 01	22.93196	06 20	29.58	-00 56	42.2		046	1999 BS ₇	1999 01	18.23889	08 10	22.01	+17 00	18.1	18.3	V	691
1999 BH ₇	1999 01	22.93383	06 20	29.56	-00 56	42.6		046	1999 BS ₇	* 1999 01	21.85259	08 06	13.75	+17 05	59.2	18.4		120
1999 BH ₇	1999 01	22.93564	06 20	29.42	-00 56	42.3		046	1999 BS ₇	1999 01	21.87763	08 06	11.92	+17 06	01.2			120
1999 BH ₇	1999 01	22.93940	06 20	29.23	-00 56	43.5		046	1999 BS ₇	1999 01	21.91583	08 06	09.20	+17 06	04.8			120
1999 BH ₇	1999 01	23.92177	06 19	41.35	-00 59	52.9		046	1999 BS ₇	1999 01	22.80656	08 05	08.15	+17 07	30.8	18.4		120
1999 BH ₇	1999 01	23.92579	06 19	41.17	-00 59	53.5	18.4	R	1999 BS ₇	1999 01	22.83105	08 05	06.32	+17 07	34.0			120
1999 BH ₇	1999 01	23.93222	06 19	40.81	-00 59	54.8		046	1999 BS ₇	1999 01	22.90302	08 05	01.25	+17 07	40.4			120
1999 BH ₇	1999 01	23.93407	06 19	40.74	-00 59	55.7		046	1999 BS ₇	1999 01	23.81229	08 03	58.74	+17 09	09.5	18.6		120
1999 BJ ₇	1999 01	16.30093	08 10	06.40	+21 55	03.7	19.9	V	1999 BS ₇	1999 01	23.82626	08 03	57.99	+17 09	10.6			120
1999 BJ ₇	1999 01	16.32409	08 10	04.91	+21 55	08.8	20.9	V	1999 BT ₇	* 1999 01	21.85259	08 06	27.05	+17 17	11.0	18.6		120

1999 BY ₇	1999 01	22.89902	08 43 23.12	+13 19 18.4	120	1999 BL _s	1999 01	23.16253	07 05 57.75	-01 47 51.4	17.8	704
1999 BY ₇	1999 01	22.91449	08 43 22.03	+13 19 18.6	120	1999 BM _s	* 1999 01	22.11302	06 46 47.82	-15 23 00.7	16.8	704
1999 BY ₇	1999 01	25.79698	08 40 35.23	+13 16 19.2	18.7	1999 BM _s	1999 01	22.13492	06 46 47.05	-15 22 33.5	16.4	704
1999 BZ ₇	* 1999 01	21.92956	09 26 51.27	+13 18 12.7	18.6	1999 BM _s	1999 01	22.15666	06 46 46.27	-15 22 03.7	16.7	704
1999 BZ ₇	1999 01	21.94730	09 26 50.35	+13 18 11.7	120	1999 BM _s	1999 01	22.17841	06 46 45.48	-15 21 39.0	16.4	704
1999 BZ ₇	1999 01	22.94929	09 25 58.58	+13 18 00.8	18.4	1999 BM _s	1999 01	23.08952	06 46 16.65	-15 02 07.1	17.1	704
1999 BZ ₇	1999 01	22.97288	09 25 57.30	+13 18 01.4	120	1999 BM _s	1999 01	23.11133	06 46 16.05	-15 01 39.3	17.2	704
1999 BZ ₇	1999 01	23.87855	09 25 09.77	+13 17 54.1	18.5	1999 BM _s	1999 01	23.13325	06 46 15.19	-15 01 11.6	16.8	704
1999 BZ ₇	1999 01	23.89189	09 25 09.06	+13 17 54.4	120	1999 BM _s	1999 01	23.15499	06 46 14.45	-15 00 42.9	16.9	704
1999 BA _s	* 1999 01	21.93183	09 23 02.45	+12 02 44.5	18.2	1999 BM _s	1999 01	23.17674	06 46 13.73	-15 00 14.9	16.9	704
1999 BA _s	1999 01	21.94934	09 23 01.50	+12 02 48.6	120	1999 BN _s	* 1999 01	22.19686	07 39 03.91	-10 33 53.9	17.6	704
1999 BA _s	1999 01	22.96963	09 22 07.07	+12 06 29.8	18.2	1999 BN _s	1999 01	22.21945	07 39 02.36	-10 33 31.9	17.4	704
1999 BA _s	1999 01	25.90828	09 19 24.90	+12 17 41.9	18.4	1999 BN _s	1999 01	22.24169	07 39 00.93	-10 33 10.2	19.0	704
1999 BA _s	1999 01	25.93750	09 19 23.20	+12 17 49.0	120	1999 BN _s	1999 01	22.28544	07 38 57.83	-10 32 25.1	18.8	704
1999 BB _s	* 1999 01	21.93183	09 23 50.05	+12 09 36.9	19.0	1999 BN _s	1999 01	23.21873	07 37 57.53	-10 16 28.6	19.2	704
1999 BB _s	1999 01	21.94934	09 23 49.25	+12 09 44.0	120	1999 BN _s	1999 01	23.24053	07 37 56.25	-10 16 07.3	17.4	704
1999 BB _s	1999 01	22.94424	09 23 00.74	+12 16 45.0	18.7	1999 BN _s	1999 01	23.26228	07 37 54.69	-10 15 45.8	19.7	704
1999 BB _s	1999 01	22.96963	09 22 59.57	+12 16 56.1	120	1999 BN _s	1999 01	23.28405	07 37 53.10	-10 15 21.5	18.9	704
1999 BB _s	1999 01	23.87588	09 22 14.59	+12 23 26.8	18.6	1999 BO _s	* 1999 01	22.20411	08 00 52.65	-07 36 36.7	17.5	704
1999 BB _s	1999 01	23.88914	09 22 13.85	+12 23 32.5	120	1999 BO _s	1999 01	22.22685	08 00 50.67	-07 36 49.2	17.4	704
1999 BB _s	1999 01	25.90828	09 20 30.37	+12 38 25.9	18.6	1999 BO _s	1999 01	22.27074	08 00 46.98	-07 37 13.5	18.7	704
1999 BB _s	1999 01	25.93750	09 20 28.89	+12 38 38.3	120	1999 BO _s	1999 01	22.29287	08 00 45.05	-07 37 25.3	18.2	704
1999 BC _s	* 1999 01	22.00993	10 37 28.73	+06 00 08.9	18.3	1999 BO _s	1999 01	23.20635	07 59 29.57	-07 45 22.3	17.2	704
1999 BC _s	1999 01	22.06536	10 37 27.14	+06 00 02.1	120	1999 BO _s	1999 01	23.22829	07 59 27.65	-07 45 32.6	18.4	704
1999 BC _s	1999 01	23.04103	10 37 00.00	+05 58 44.0	18.3	1999 BO _s	1999 01	23.25007	07 59 25.86	-07 45 45.0	17.4	704
1999 BC _s	1999 01	23.06914	10 36 59.14	+05 58 41.4	120	1999 BO _s	1999 01	23.29364	07 59 22.13	-07 46 07.0	17.4	704
1999 BC _s	1999 01	23.94786	10 36 33.61	+05 57 36.1	18.2	1999 BP _s	* 1999 01	22.38550	07 44 55.26	-18 47 37.8	17.4 R	684
1999 BC _s	1999 01	24.05968	10 36 30.07	+05 57 28.6	120	1999 BP _s	1999 01	22.39064	07 44 54.96	-18 47 38.6	17.6 R	684
1999 BC _s	1999 01	24.07791	10 36 29.59	+05 57 26.4	120	1999 BP _s	1999 01	23.36594	07 44 02.13	-18 50 15.3	17.6 R	684
1999 BC _s	1999 01	25.07034	10 35 59.08	+05 56 20.1	18.0	1999 BP _s	1999 01	23.37007	07 44 01.91	-18 50 16.1	17.6 R	684
1999 BD _s	* 1999 01	22.01788	10 57 05.84	+04 52 45.8	18.6	1999 BQ _s	1999 01	10.19498	08 17 12.17	-21 14 05.6	20.4 V	691
1999 BD _s	1999 01	22.07181	10 57 04.58	+04 52 41.2	120	1999 BQ _s	1999 01	10.21732	08 17 10.74	-21 14 13.9	19.8 V	691
1999 BD _s	1999 01	22.08780	10 57 04.19	+04 52 39.6	120	1999 BQ _s	1999 01	10.24447	08 17 08.97	-21 14 22.2	20.4 V	691
1999 BD _s	1999 01	23.04730	10 56 42.65	+04 51 15.1	18.8	1999 BQ _s	* 1999 01	16.30125	08 10 34.07	-21 46 21.1	20.6 V	691
1999 BD _s	1999 01	23.07639	10 56 41.96	+04 51 11.8	120	1999 BQ _s	1999 01	16.32440	08 10 32.19	-21 46 28.2	21.5 V	691
1999 BD _s	1999 01	24.06662	10 56 17.86	+04 49 54.4	18.6	1999 BQ _s	1999 01	16.34844	08 10 30.46	-21 46 35.6	20.5 V	691
1999 BD _s	1999 01	24.08480	10 56 17.29	+04 49 52.3	120	1999 BQ _s	1999 01	17.29967	08 09 26.70	-21 51 30.4	20.4 V	691
1999 BD _s	1999 01	25.03418	10 55 52.39	+04 48 48.6	18.8	1999 BQ _s	1999 01	17.30377	08 09 26.42	-21 51 32.4	20.5 V	691
1999 BD _s	1999 01	25.07667	10 55 51.14	+04 48 45.8	120	1999 BQ _s	1999 01	17.31032	08 09 25.96	-21 51 34.2	20.7 V	691
1999 BE _s	1998 12	23.41686	11 09 39.90	-02 41 05.3	18.4	1999 BQ _s	1999 01	18.17250	08 08 28.25	-21 55 59.6	19.9 V	691
1999 BE _s	1998 12	23.42741	11 09 41.51	-02 41 05.7	19.0	1999 BQ _s	1999 01	18.17649	08 08 27.97	-21 56 00.4	19.9 V	691
1999 BE _s	1998 12	23.43789	11 09 42.83	-02 41 10.6	18.9	1999 BQ _s	1999 01	18.18120	08 08 27.61	-21 56 01.9	19.5 V	691
1999 BE _s	1998 12	23.44838	11 09 44.46	-02 41 15.3	19.1	1999 BQ _s	1999 01	19.25625	08 07 14.97	-22 01 31.0	20.2 V	691
1999 BE _s	1998 12	23.45886	11 09 45.65	-02 41 15.7	19.0	1999 BQ _s	1999 01	19.26029	08 07 14.69	-22 01 32.1	20.5 V	691
1999 BE _s	* 1999 01	22.11526	12 05 56.29	-01 50 51.3	17.8	1999 BQ _s	1999 01	19.26435	08 07 14.39	-22 01 33.5	20.3 V	691
1999 BE _s	1999 01	22.18715	12 06 01.53	-01 50 16.2	120	1999 BQ _s	1999 01	19.30711	08 07 11.46	-22 01 46.6	20.2 V	691
1999 BE _s	1999 01	23.05767	12 07 07.42	-01 43 05.5	18.0	1999 BQ _s	1999 01	19.32996	08 07 09.85	-22 01 53.3	20.3 V	691
1999 BE _s	1999 01	23.08784	12 07 09.53	-01 42 50.6	120	1999 BQ _s	1999 01	19.35348	08 07 08.19	-22 02 00.0	20.2 V	691
1999 BE _s	1999 01	23.10818	12 07 10.91	-01 42 40.3	120	1999 BQ _s	1999 01	20.05148	08 06 21.13	-22 05 28.9	20.5 V	104
1999 BE _s	1999 01	24.07348	12 08 20.86	-01 34 16.4	17.8	1999 BQ _s	1999 01	20.06148	08 06 20.40	-22 05 33.2	20.5 V	104
1999 BE _s	1999 01	24.09151	12 08 22.03	-01 34 07.2	120	1999 BQ _s	1999 01	20.06701	08 06 19.93	-22 05 35.9	20.5 V	104
1999 BE _s	1999 01	25.03821	12 09 27.93	-01 25 29.2	17.7	1999 BQ _s	1999 01	23.39022	08 02 36.97	-22 21 46.1	20.7 V	691
1999 BE _s	1999 01	25.08053	12 09 30.65	-01 25 05.0	120	1999 BQ _s	1999 01	23.40282	08 02 36.07	-22 21 50.1	20.5 V	691
1999 BE _s	1999 01	26.10122	12 10 38.35	-01 15 18.3	17.6	1999 BR _s	* 1999 01	19.19140	08 12 58.66	-21 31 17.5	20.8 V	691
1999 BE _s	1999 01	26.10409	12 10 38.51	-01 15 16.7	120	1999 BR _s	1999 01	19.21379	08 12 57.04	-21 31 25.1	20.9 V	691
1999 BE _s	1999 01	26.10699	12 10 38.69	-01 15 15.1	120	1999 BR _s	1999 01	19.23573	08 12 55.37	-21 31 32.7	21.0 V	691
1999 BE _s	1999 01	26.69149	12 11 16.24	-01 09 10.5	18.2 R	1999 BR _s	1999 01	22.30344	08 09 12.72	-21 48 30.8	21.8 V	691
1999 BE _s	1999 01	26.72017	12 11 18.04	-01 09 06.9	17.2 V	1999 BR _s	1999 01	22.30997	08 09 12.23	-21 48 34.1	21.6 V	691
1999 BE _s	1999 01	26.73279	12 11 18.83	-01 09 00.2	900	1999 BR _s	1999 01	22.31595	08 09 11.77	-21 48 36.1	21.4 V	691
1999 BE _s	1999 01	26.75856	12 11 20.12	-01 08 29.4	17.9 R	1999 BR _s	1999 01	23.30013	08 08 01.04	-21 53 52.7	21.9 V	691
1999 BE _s	1999 01	28.04766	12 12 39.21	-00 55 23.5	18.0	1999 BR _s	1999 01	23.32248	08 07 59.41	-21 53 59.7	21.6 V	691
1999 BE _s	1999 01	28.11970	12 12 43.14	-00 54 37.2	120	1999 BR _s	1999 01	23.34539	08 07 57.66	-21 54 07.2	21.6 V	691
1999 BE _s	1999 01	29.02929	12 13 35.79	-00 44 43.4	17.3 V	1999 BS _s	* 1999 01	22.84729	05 56 19.31	-22 23 51.3	18.4 R	046
1999 BE _s	1999 01	29.03620	12 13 36.08	-00 44 39.3	595	1999 BS _s	1999 01	22.84919	05 56 19.25	-22 23 50.8	18.4 R	046
1999 BE _s	1999 01	29.04302	12 13 36.48	-00 44 34.3	595	1999 BS _s	1999 01	22.85128	05 56 19.17	-22 23 52.0	18.4 R	046
1999 BF _s	* 1999 01	19.15799	10 56 19.58	+10 16 11.7	104	1999 BS _s	1999 01	22.85308	05 56 19.11	-22 23 51.5	18.4 R	046
1999 BF _s	1999 01	20.08501	10 56 05.46	+10 18 37.7	17.8 V	1999 BS _s	1999 01	22.85633	05 56 19.00	-22 23 50.8	18.4 R	046
1999 BF _s	1999 01	20.10669	10 56 05.11	+10 18 42.0	104	1999 BS _s	1999 01	23.79766	05 55 45.42	-22 23 15.7	18.4 R	046
1999 BF _s	1999 01	20.11638	10 56 04.92	+10 18 43.2	104	1999 BS _s	1999 01	23.79994	05 55 45.36	-22 23 15.6	18.4 R	046
1999 BG _s	* 1999 01	18.90457	09 11 22.45	+17 54 47.3	17.7 R	1999 BS _s	1999 01	23.80169	05 55 45.28	-22 23 15.3	18.4 R	046
1999 BG _s	1999 01	18.90923	09 11 22.17	+17 54 47.1	17.8 R	1999 BS _s	1					

1999 BX ₈	1999 01	23.89417	09 30	26.08	+10 58	01.1	120	1999 BL ₉	1999 01	25.16839	13 57	03.63	-11 11	45.9	18.0	120
1999 BX ₈	1999 01	24.92678	09 29	35.23	+11 02	21.7	120	1999 BM ₉	* 1999 01	16.62486	08 40	43.73	+24 42	02.9	17.8	R 426
1999 BX ₈	1999 01	24.95061	09 29	34.02	+11 02	27.9	120	1999 BM ₉	1999 01	16.64094	08 40	42.56	+24 42	07.8	18.2	R 426
1999 BY ₈	* 1999 01	22.91941	09 37	14.27	+15 50	46.1	18.3	1999 BM ₉	1999 01	16.65714	08 40	41.44	+24 42	12.1	17.9	R 426
1999 BY ₈	1999 01	22.98395	09 37	11.44	+15 51	03.6	120	1999 BM ₉	1999 01	22.61550	08 33	57.23	+25 10	21.9	17.0	R 426
1999 BY ₈	1999 01	23.00877	09 37	10.36	+15 51	10.5	120	1999 BM ₉	1999 01	22.62856	08 33	56.31	+25 10	25.4	17.1	R 426
1999 BY ₈	1999 01	23.88558	09 36	32.65	+15 55	08.6	18.5	1999 BM ₉	1999 01	22.64126	08 33	55.45	+25 10	28.4	17.1	R 426
1999 BY ₈	1999 01	23.89926	09 36	32.22	+15 55	11.0	120	1999 BM ₉	1999 01	23.57496	08 32	51.03	+25 14	32.9	17.6	R 426
1999 BY ₈	1999 01	24.93955	09 35	46.63	+15 59	56.6	18.2	1999 BM ₉	1999 01	23.59050	08 32	49.92	+25 14	37.1	17.5	R 426
1999 BY ₈	1999 01	24.96396	09 35	45.48	+16 00	03.1	120	1999 BM ₉	1999 01	23.60706	08 32	48.74	+25 14	41.1	17.1	R 426
1999 BY ₈	1999 01	25.94756	09 35	01.72	+16 04	34.9	18.5	1999 BN ₉	* 1999 01	22.61550	08 33	12.58	+25 14	54.6	18.8	R 426
1999 BY ₈	1999 01	25.97054	09 35	00.67	+16 04	40.9	120	1999 BN ₉	1999 01	22.64126	08 33	10.97	+25 15	02.7	18.7	R 426
1999 BZ ₈	* 1999 01	22.91941	09 38	26.65	+16 00	51.2	18.3	1999 BN ₉	1999 01	23.57496	08 32	13.81	+25 19	45.0	19.1	R 426
1999 BZ ₈	1999 01	22.98395	09 38	23.89	+16 01	30.2	120	1999 BN ₉	1999 01	23.59050	08 32	12.89	+25 19	50.0	18.6	R 426
1999 BZ ₈	1999 01	23.00877	09 38	22.81	+16 01	44.4	120	1999 BN ₉	1999 01	23.60706	08 32	11.73	+25 19	55.2	18.7	R 426
1999 BZ ₈	1999 01	23.88558	09 37	47.12	+16 10	28.0	18.5	1999 BO ₉	* 1999 01	22.61714	10 19	21.63	+03 23	20.3	16.8	R 428
1999 BZ ₈	1999 01	23.89926	09 37	46.57	+16 10	36.9	120	1999 BO ₉	1999 01	22.64720	10 19	20.55	+03 23	22.9	17.2	R 428
1999 BZ ₈	1999 01	24.96396	09 37	01.33	+16 21	19.9	18.2	1999 BO ₉	1999 01	23.64355	10 18	46.29	+03 25	10.9	17.0	R I 428
1999 BA ₉	* 1999 01	22.91941	09 38	48.28	+15 53	18.3	18.2	1999 BO ₉	1999 01	23.66020	10 18	45.65	+03 25	13.2	16.9	R 428
1999 BA ₉	1999 01	22.98395	09 38	44.53	+15 53	19.8	120	1999 BO ₉	1999 01	26.50523	10 17	01.58	+03 31	12.7		428
1999 BA ₉	1999 01	23.00877	09 38	43.14	+15 53	20.9	120	1999 BO ₉	1999 01	26.61774	10 16	57.10	+03 31	29.1	17.1	R 428
1999 BA ₉	1999 01	23.88558	09 37	53.39	+15 53	44.0	18.4	1999 BP ₉	* 1999 01	21.91810	07 24	36.72	+16 37	54.5	18.4	V 552
1999 BA ₉	1999 01	23.89926	09 37	52.63	+15 53	44.7	120	1999 BP ₉	1999 01	21.93167	07 24	36.02	+16 37	58.3		552
1999 BA ₉	1999 01	24.93955	09 36	52.23	+15 54	15.3	120	1999 BP ₉	1999 01	24.78632	07 22	03.58	+16 50	13.5	18.7	V 552
1999 BA ₉	1999 01	24.94199	09 36	52.10	+15 54	15.0	18.4	1999 BP ₉	1999 01	24.79789	07 22	02.97	+16 50	17.5		552
1999 BA ₉	1999 01	24.96396	09 36	50.73	+15 54	16.3	120	1999 BP ₉	1999 01	24.81300	07 22	02.13	+16 50	21.6		552
1999 BA ₉	1999 01	24.96605	09 36	50.61	+15 54	15.8	120	1999 BQ ₉	1998 11	24.45243	08 47	14.55	+36 22	33.5	17.9	704
1999 BA ₉	1999 01	25.94756	09 35	52.71	+15 54	45.5	18.5	1999 BQ ₉	1998 11	24.45847	08 47	15.29	+36 22	38.0	17.1	704
1999 BA ₉	1999 01	25.97054	09 35	51.33	+15 54	47.1	120	1999 BQ ₉	1998 11	24.46440	08 47	15.85	+36 22	43.8	17.0	704
1999 BB ₉	* 1999 01	22.92007	09 38	43.93	+15 02	09.3	18.4	1999 BQ ₉	1998 11	24.47027	08 47	16.63	+36 22	50.8	17.0	704
1999 BB ₉	1999 01	22.98654	09 38	40.44	+15 02	16.8	120	1999 BQ ₉	1999 01	13.44298	09 50	00.50	+54 56	23.9	17.6	704
1999 BB ₉	1999 01	23.01194	09 38	39.23	+15 02	20.2	120	1999 BQ ₉	1999 01	13.45400	09 50	00.62	+54 56	38.4		704
1999 BB ₉	1999 01	23.90410	09 37	52.63	+15 04	12.6	18.5	1999 BQ ₉	1999 01	13.46513	09 50	00.69	+54 56	54.1	17.9	704
1999 BB ₉	1999 01	23.92330	09 37	51.58	+15 04	15.2	120	1999 BQ ₉	1999 01	13.47622	09 50	00.93	+54 57	08.9	18.1	704
1999 BB ₉	1999 01	24.93733	09 36	57.45	+15 06	27.5	18.4	1999 BQ ₉	1999 01	13.48722	09 50	01.03	+54 57	22.8	18.0	704
1999 BB ₉	1999 01	24.96094	09 36	56.15	+15 06	29.8	120	1999 BQ ₉	* 1999 01	23.41911	09 50	18.07	+58 24	16.8		703
1999 BC ₉	* 1999 01	22.92632	09 37	32.93	+13 45	42.4	18.2	1999 BQ ₉	1999 01	23.43016	09 50	17.82	+58 24	28.7		703
1999 BC ₉	1999 01	22.99083	09 37	30.05	+13 46	23.5	120	1999 BQ ₉	1999 01	23.47624	09 50	16.87	+58 25	18.1	17	R 703
1999 BC ₉	1999 01	23.01851	09 37	28.82	+13 46	41.3	120	1999 BQ ₉	1999 01	24.34661	09 50	03.81	+58 41	00.3		658
1999 BC ₉	1999 01	23.90734	09 36	49.76	+13 56	11.6	18.5	1999 BQ ₉	1999 01	24.35068	09 50	03.73	+58 41	04.5		658
1999 BC ₉	1999 01	23.92616	09 36	49.05	+13 56	23.1	120	1999 BQ ₉	1999 01	24.35845	09 50	03.57	+58 41	12.7		658
1999 BC ₉	1999 01	24.93485	09 36	03.38	+14 07	15.9	18.1	1999 BR ₉	* 1999 01	23.03323	08 06	14.26	+20 01	56.0	16.5	126
1999 BC ₉	1999 01	24.95841	09 36	02.30	+14 07	31.7	120	1999 BR ₉	1999 01	23.05194	08 06	13.28	+20 01	02.5	16.5	126
1999 BD ₉	* 1999 01	22.92862	09 36	21.21	+13 16	59.7	18.3	1999 BR ₉	1999 01	23.07286	08 06	12.14	+20 01	10.4	16.7	126
1999 BD ₉	1999 01	22.99329	09 36	17.47	+13 17	08.4	120	1999 BR ₉	1999 01	23.07659	08 06	12.03	+20 01	11.3	16.8	126
1999 BD ₉	1999 01	23.02125	09 36	15.86	+13 17	11.5	120	1999 BR ₉	1999 01	23.08190	08 06	11.67	+20 01	13.5	16.5	126
1999 BD ₉	1999 01	23.91006	09 35	25.27	+13 18	56.2	18.3	1999 BR ₉	1999 01	23.10079	08 06	10.68	+20 01	20.6	16.7	126
1999 BD ₉	1999 01	23.92863	09 35	24.21	+13 18	58.3	120	1999 BR ₉	1999 01	23.95234	08 05	28.65	+20 06	18.1	16.6	126
1999 BD ₉	1999 01	24.93212	09 34	25.85	+13 21	01.7	18.2	1999 BR ₉	1999 01	23.95995	08 05	28.22	+20 06	21.1	16.7	126
1999 BD ₉	1999 01	24.95615	09 34	24.39	+13 21	04.5	120	1999 BS ₉	* 1999 01	19.89288	08 22	55.22	+31 53	20.7	17.5	106
1999 BD ₉	1999 01	25.94514	09 33	25.88	+13 23	09.4	18.5	1999 BS ₉	1999 01	19.93355	08 22	52.33	+31 53	23.1		106
1999 BD ₉	1999 01	25.96784	09 33	24.43	+13 23	12.4	120	1999 BS ₉	1999 01	19.96787	08 22	50.10	+31 53	25.0		106
1999 BE ₉	* 1999 01	22.93082	09 37	01.36	+12 11	11.1	18.4	1999 BS ₉	1999 01	24.86421	08 17	11.89	+31 54	46.6	17.5	106
1999 BE ₉	1999 01	22.99603	09 36	58.54	+12 11	39.8	120	1999 BS ₉	1999 01	24.87640	08 17	11.06	+31 54	46.9		106
1999 BE ₉	1999 01	23.02334	09 36	57.30	+12 11	53.3	120	1999 BS ₉	1999 01	24.89103	08 17	10.03	+31 54	46.9		106
1999 BE ₉	1999 01	23.91277	09 36	20.55	+12 18	35.6	18.6	1999 BS ₉	1999 01	24.91494	08 17	08.35	+31 54	46.7		106
1999 BE ₉	1999 01	23.93203	09 36	19.72	+12 18	43.4	120	1999 BS ₉	1999 01	26.00034	08 15	53.92	+31 54	32.9		106
1999 BE ₉	1999 01	24.98779	09 35	34.79	+12 26	50.6	18.8	1999 BS ₉	1999 01	26.00689	08 15	53.47	+31 54	32.6		106
1999 BE ₉	1999 01	25.01347	09 35	33.56	+12 27	03.1	120	1999 BS ₉	1999 01	26.01402	08 15	53.00	+31 54	32.3		106
1999 BF ₉	* 1999 01	22.93082	09 37	12.99	+11 58	22.5	17.8	1999 BT ₉	1999 01	23.98642	08 52	22.74	+13 05	42.1		595
1999 BF ₉	1999 01	22.99603	09 37	10.35	+11 58	42.1	120	1999 BT ₉	* 1999 01	24.00012	08 52	22.10	+13 05	47.1	18.7	V 595
1999 BF ₉	1999 01	23.02334	09 37	09.28	+11 58	50.9	120	1999 BT ₉	1999 01	24.89266	08 51	33.01	+13 10	02.2		595
1999 BF ₉	1999 01	23.91277	09 36	34.98	+12 03	24.8	18.4	1999 BT ₉	1999 01	24.90690	08 51	32.27	+13 10	06.3		595
1999 BF ₉	1999 01	23.93203	09 36	34.17	+12 03	31.2	120	1999 BU ₉	* 1999 01	21.84358	07 52	44.44	+18 59	37.7	18.8	120
1999 BF ₉	1999 01	24.98779	09 35	51.57	+12 09	06.2	17.8	1999 BU ₉	1999 01	21.86859	07 52					

1999 BA ₁₀	1999 01	24.93212	09 33 55.21	+13 10 57.8	17.7	120	1999 BR ₁₀	1999 01	19.16336	10 54 16.07	+08 15 38.1	20.6 V	910
1999 BA ₁₀	1999 01	24.95615	09 33 54.07	+13 11 06.8		120	1999 BR ₁₀	1999 01	23.01828	10 52 50.57	+08 22 09.9	20.7 V	910
1999 BA ₁₀	1999 01	25.94514	09 33 09.43	+13 17 24.5	18.0	120	1999 BR ₁₀	1999 01	23.04555	10 52 49.89	+08 22 12.7	20.5 V	910
1999 BA ₁₀	1999 01	25.96784	09 33 08.32	+13 17 33.2		120	1999 BR ₁₀	1999 01	23.07067	10 52 49.22	+08 22 15.7	20.7 V	910
1999 BB ₁₀	* 1999 01	23.95961	09 39 26.22	+15 47 25.8	18.2	120	1999 BS ₁₀	* 1999 01	19.98386	10 35 28.57	+08 45 17.6	18.7 V	910
1999 BB ₁₀	1999 01	23.97529	09 39 25.24	+15 47 28.1		120	1999 BS ₁₀	1999 01	20.00749	10 35 27.94	+08 45 24.4	18.3 V	910
1999 BB ₁₀	1999 01	24.94199	09 38 30.40	+15 50 01.4	18.5	120	1999 BS ₁₀	1999 01	20.03995	10 35 27.08	+08 45 33.9	18.1 V	910
1999 BB ₁₀	1999 01	24.96605	09 38 29.03	+15 50 04.9		120	1999 BS ₁₀	1999 01	23.09739	10 34 03.02	+09 01 05.3	18.7 V	910
1999 BB ₁₀	1999 01	25.95038	09 37 32.16	+15 52 45.5	18.2	120	1999 BS ₁₀	1999 01	23.12297	10 34 02.22	+09 01 13.4	18.3 V	910
1999 BB ₁₀	1999 01	25.97412	09 37 30.84	+15 52 49.0		120	1999 BS ₁₀	1999 01	23.14725	10 34 01.47	+09 01 21.0	18.3 V	910
1999 BC ₁₀	* 1999 01	23.95961	09 41 39.20	+16 11 45.7	17.7	120	1999 BS ₁₀	1999 01	26.05783	10 32 28.92	+09 17 32.8	18.3 V	910
1999 BC ₁₀	1999 01	23.97529	09 41 38.37	+16 11 54.0		120	1999 BS ₁₀	1999 01	26.08066	10 32 28.12	+09 17 40.8	18.4 V	910
1999 BC ₁₀	1999 01	24.02712	09 41 35.97	+16 12 20.7		120	1999 BS ₁₀	1999 01	26.10401	10 32 27.30	+09 17 48.9	18.1 V	910
1999 BC ₁₀	1999 01	24.96873	09 40 53.65	+16 20 29.8	17.5	120	1999 BT ₁₀	* 1999 01	19.98586	10 38 21.85	+08 46 02.4	19.0 V	910
1999 BC ₁₀	1999 01	25.95323	09 40 08.10	+16 29 05.9	18.0	120	1999 BT ₁₀	1999 01	20.00949	10 38 21.40	+08 46 07.6	19.1 V	910
1999 BC ₁₀	1999 01	25.97638	09 40 06.91	+16 29 18.0		120	1999 BT ₁₀	1999 01	20.04196	10 38 20.78	+08 46 14.5	19.1 V	910
1999 BD ₁₀	* 1999 01	23.96192	09 42 06.68	+15 15 47.3	18.2	120	1999 BT ₁₀	1999 01	20.06657	10 38 20.38	+08 46 19.5	19.0 V	910
1999 BD ₁₀	1999 01	23.97809	09 42 05.83	+15 15 46.0		120	1999 BT ₁₀	1999 01	20.10118	10 38 19.72	+08 46 26.9	19.3 V	910
1999 BD ₁₀	1999 01	24.02969	09 42 02.79	+15 15 42.5		120	1999 BT ₁₀	1999 01	20.13547	10 38 19.05	+08 46 34.5	19.3 V	910
1999 BD ₁₀	1999 01	24.99341	09 41 09.00	+15 14 22.6	18.2	120	1999 BT ₁₀	1999 01	23.09966	10 37 19.80	+08 57 56.1	19.4 V	910
1999 BD ₁₀	1999 01	25.01825	09 41 07.55	+15 14 20.3		120	1999 BT ₁₀	1999 01	23.12524	10 37 19.18	+08 58 02.5	19.2 V	910
1999 BD ₁₀	1999 01	25.96070	09 40 13.69	+15 13 04.7	18.5	120	1999 BT ₁₀	1999 01	23.14952	10 37 18.58	+08 58 08.3	19.3 V	910
1999 BD ₁₀	1999 01	25.98620	09 40 12.23	+15 13 03.1		120	1999 BU ₁₀	* 1999 01	19.98752	10 40 46.03	+08 24 45.4	20.3 V	910
1999 BE ₁₀	* 1999 01	23.96404	09 42 14.08	+14 42 20.0	18.1	120	1999 BU ₁₀	1999 01	20.01114	10 40 45.23	+08 24 46.7	19.7 V	910
1999 BE ₁₀	1999 01	23.98024	09 42 13.30	+14 42 26.1		120	1999 BU ₁₀	1999 01	20.04360	10 40 44.09	+08 24 49.5	21.0 V	910
1999 BE ₁₀	1999 01	24.03190	09 42 10.83	+14 42 45.9		120	1999 BU ₁₀	1999 01	23.00865	10 38 55.97	+08 28 22.1	19.9 V	910
1999 BE ₁₀	1999 01	24.99341	09 41 25.93	+14 48 53.5	18.2	120	1999 BU ₁₀	1999 01	23.03592	10 38 54.86	+08 28 24.5	19.9 V	910
1999 BE ₁₀	1999 01	25.01825	09 41 24.72	+14 49 03.4		120	1999 BU ₁₀	1999 01	23.06103	10 38 53.84	+08 28 26.6	20.3 V	910
1999 BE ₁₀	1999 01	25.96070	09 40 39.43	+14 55 09.8	18.6	120	1999 BV ₁₀	* 1999 01	19.99211	10 47 23.46	+08 34 48.3	20.8 V	910
1999 BE ₁₀	1999 01	25.98620	09 40 38.17	+14 55 19.2		120	1999 BV ₁₀	1999 01	20.01574	10 47 22.81	+08 34 51.4	20.0 V	910
1999 BF ₁₀	* 1999 01	23.96589	09 40 43.73	+13 17 04.4	18.2	120	1999 BV ₁₀	1999 01	20.04820	10 47 21.95	+08 34 55.7	20.8 V	910
1999 BF ₁₀	1999 01	23.96818	09 40 43.66	+13 17 05.8		120	1999 BV ₁₀	1999 01	23.01353	10 45 57.77	+08 41 53.6	20.7 V	910
1999 BF ₁₀	1999 01	23.98210	09 40 42.96	+13 17 12.3		120	1999 BV ₁₀	1999 01	23.04080	10 45 56.87	+08 41 58.2	20.3 V	910
1999 BF ₁₀	1999 01	23.99183	09 40 42.59	+13 17 16.2	18.1	120	1999 BV ₁₀	1999 01	23.06592	10 45 56.03	+08 42 02.4	20.3 V	910
1999 BF ₁₀	1999 01	24.03554	09 40 40.63	+13 17 35.6		120	1999 BW ₁₀	* 1999 01	19.99246	10 47 52.79	+08 47 38.8	19.1 V	910
1999 BF ₁₀	1999 01	24.99103	09 39 59.85	+13 24 44.5	18.0	120	1999 BW ₁₀	1999 01	20.01609	10 47 52.86	+08 47 47.6	19.0 V	910
1999 BF ₁₀	1999 01	25.01593	09 39 58.60	+13 24 55.7		120	1999 BW ₁₀	1999 01	20.04857	10 47 52.95	+08 47 59.2	19.1 V	910
1999 BF ₁₀	1999 01	25.99021	09 39 15.83	+13 32 19.0	18.4	120	1999 BW ₁₀	1999 01	20.07318	10 47 53.02	+08 48 08.2	19.1 V	910
1999 BF ₁₀	1999 01	26.01145	09 39 14.77	+13 32 29.2		120	1999 BW ₁₀	1999 01	20.10780	10 47 53.13	+08 48 20.9	19.1 V	910
1999 BG ₁₀	* 1999 01	23.96818	09 41 43.65	+13 04 49.3	18.3	120	1999 BW ₁₀	1999 01	20.14209	10 47 53.21	+08 48 33.3	19.1 V	910
1999 BG ₁₀	1999 01	23.99183	09 41 42.60	+13 04 56.0		120	1999 BW ₁₀	1999 01	23.10705	10 47 59.31	+09 07 44.8	18.8 V	910
1999 BG ₁₀	1999 01	24.03554	09 41 40.76	+13 05 11.3		120	1999 BW ₁₀	1999 01	23.13264	10 47 59.22	+09 07 55.3	18.7 V	910
1999 BG ₁₀	1999 01	25.01593	09 40 58.37	+13 10 59.1	18.4	120	1999 BW ₁₀	1999 01	23.15692	10 47 59.14	+09 08 05.2	18.8 V	910
1999 BG ₁₀	1999 01	25.99021	09 40 15.44	+13 16 48.9	18.6	120	1999 BW ₁₀	1999 01	26.06845	10 47 48.91	+09 29 09.5	18.8 V	910
1999 BG ₁₀	1999 01	26.01145	09 40 14.53	+13 16 56.6		120	1999 BW ₁₀	1999 01	26.09129	10 47 48.71	+09 29 19.8	18.8 V	910
1999 BH ₁₀	* 1999 01	23.97054	09 40 34.67	+12 06 18.0	18.4	120	1999 BW ₁₀	1999 01	26.11465	10 47 48.51	+09 29 30.7	18.9 V	910
1999 BH ₁₀	1999 01	23.98634	09 40 33.95	+12 06 22.2		120	1999 BX ₁₀	* 1999 01	19.99544	10 52 11.93	+08 37 45.5	20.2 V	910
1999 BH ₁₀	1999 01	24.03741	09 40 31.68	+12 06 36.7		120	1999 BX ₁₀	1999 01	20.01908	10 52 11.92	+08 37 58.7	20.6 V	910
1999 BH ₁₀	1999 01	24.98502	09 39 50.14	+12 10 50.3	18.8	120	1999 BX ₁₀	1999 01	20.05155	10 52 11.84	+08 38 17.1	20.5 V	910
1999 BH ₁₀	1999 01	25.01046	09 39 48.93	+12 10 58.3		120	1999 BX ₁₀	1999 01	23.10988	10 52 04.26	+09 08 10.9	20.1 V	910
1999 BH ₁₀	1999 01	25.99618	09 39 04.85	+12 15 26.5	18.4	120	1999 BX ₁₀	1999 01	23.13546	10 52 04.07	+09 08 26.5	20.2 V	910
1999 BH ₁₀	1999 01	26.01711	09 39 04.00	+12 15 31.8		120	1999 BX ₁₀	1999 01	23.15974	10 52 03.88	+09 08 40.8	19.8 V	910
1999 BJ ₁₀	* 1999 01	23.97230	09 40 14.37	+11 01 39.9	17.8	120	1999 BX ₁₀	1999 01	26.07114	10 51 41.37	+09 39 27.9	20.1 V	910
1999 BJ ₁₀	1999 01	23.98877	09 40 13.57	+11 01 42.3		120	1999 BX ₁₀	1999 01	26.09398	10 51 41.12	+09 39 43.3	20.0 V	910
1999 BJ ₁₀	1999 01	24.03934	09 40 11.14	+11 01 50.8		120	1999 BX ₁₀	1999 01	26.11734	10 51 40.79	+09 39 58.4	20.2 V	910
1999 BJ ₁₀	1999 01	24.98290	09 39 26.39	+11 04 32.7	18.2	120	1999 BY ₁₀	* 1999 01	20.06294	10 33 05.13	+08 50 53.6	20.6 V	910
1999 BJ ₁₀	1999 01	25.00821	09 39 25.19	+11 04 37.3		120	1999 BY ₁₀	1999 01	20.09754	10 33 04.09	+08 50 55.8	20.9 V	910
1999 BJ ₁₀	1999 01	25.99823	09 38 37.39	+11 07 32.2	18.2	120	1999 BY ₁₀	1999 01	20.13183	10 33 03.12	+08 50 56.4	20.2 V	910
1999 BJ ₁₀	1999 01	26.01963	09 38 36.24	+11 07 36.0		120	1999 BY ₁₀	1999 01	23.09566	10 31 32.95	+08 53 25.8	20.2 V	910
1999 BJ ₁₀	1999 01	27.97128	09 36 59.70	+11 13 36.3	18.2	120	1999 BY ₁₀	1999 01	23.12124	10 31 32.07	+08 53 27.2	20.0 V	910
1999 BJ ₁₀	1999 01	27.97366	09 36 59.47	+11 13 36.1		120	1999 BY ₁₀	1999 01	23.14551	10 31 31.27	+08 53 28.9	20.2 V	910
1999 BJ ₁₀	1999 01	27.99115	09 36 58.57	+11 13 40.1		120	1999 BZ ₁₀	* 1999 01	20.06506	10 36 08.71	+08 49 59.7	20.7 V	910
1999 BJ ₁₀	1999 01	27.99405	09 36 58.41	+11 13 40.3		120	1999 BZ ₁₀	1999 01	20.09966	10 36 07.53	+08 50 05.0	20.4 V	910
1999 BK ₁₀	* 1999 01	23.99513	09 43 18.77	+15 51 07.5	18.2	120	1999 BZ ₁₀	1999 01	20.13394	10 36 06.35	+08 50 10.3	20.6 V	910
1999 BK ₁₀	1999 01	24.01000	09 43 17.79	+15 51 08.5		120	1999 BZ ₁₀	1999 01	23.09761	10 34 21.94	+08 58 25.1	20.3 V	910
1999 BK ₁₀	1999 01	24.94653	09 42 23.43	+15 52 35.8	18.0	120	1999 BZ ₁₀	1999 01	23.12319	10 34 20.96	+08 58 29.5	20.7 V	910
1999 BK ₁₀	1999 01	24.97119	09 42 21.93	+15 52 38.7		120	1999 BZ ₁₀	1999 01	23.14746	10 34 20.03	+08 58 34.0		

1999 FEB. 2

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1999 BF ₁₁	* 1999 01	20.07214	10 46 22.24	+09 04 38.9	20.3 V	910	1999 BW ₁₁	1999 01	21.04998	10 44 54.35	+08 22 41.8	20.0 V	910
1999 BF ₁₁	1999 01	20.10675	10 46 21.69	+09 04 44.5	20.1 V	910	1999 BW ₁₁	1999 01	21.07884	10 44 53.76	+08 22 40.6	20.1 V	910
1999 BF ₁₁	1999 01	20.14104	10 46 21.17	+09 04 49.8	19.8 V	910	1999 BW ₁₁	1999 01	23.01232	10 44 14.13	+08 21 37.0	20.1 V	910
1999 BF ₁₁	1999 01	23.10535	10 45 32.19	+09 13 11.1	19.9 V	910	1999 BW ₁₁	1999 01	23.03959	10 44 13.47	+08 21 36.4	19.8 V	910
1999 BF ₁₁	1999 01	23.13094	10 45 31.66	+09 13 15.5	19.9 V	910	1999 BW ₁₁	1999 01	23.06471	10 44 12.85	+08 21 36.1	20.2 V	910
1999 BF ₁₁	1999 01	23.15521	10 45 31.11	+09 13 20.1	20.2 V	910	1999 BX ₁₁	* 1999 01	21.02835	10 48 45.08	+08 25 16.2	19.0 V	910
1999 BF ₁₁	1999 01	26.06612	10 44 27.27	+09 23 08.4	19.9 V	910	1999 BX ₁₁	1999 01	21.05264	10 48 44.70	+08 25 18.3	19.2 V	910
1999 BF ₁₁	1999 01	26.08895	10 44 26.68	+09 23 13.1	19.8 V	910	1999 BX ₁₁	1999 01	21.08150	10 48 44.25	+08 25 20.4	19.1 V	910
1999 BF ₁₁	1999 01	26.11231	10 44 26.04	+09 23 18.2	19.8 V	910	1999 BX ₁₁	1999 01	23.01510	10 48 14.27	+08 28 08.5	19.3 V	910
1999 BG ₁₁	* 1999 01	20.07214	10 46 22.25	+09 05 36.6	19.3 V	910	1999 BX ₁₁	1999 01	23.04237	10 48 13.77	+08 28 11.0	19.4 V	910
1999 BG ₁₁	1999 01	20.10675	10 46 21.36	+09 05 41.4	19.1 V	910	1999 BX ₁₁	1999 01	23.06749	10 48 13.28	+08 28 13.3	19.3 V	910
1999 BG ₁₁	1999 01	20.14103	10 46 20.50	+09 05 46.5	19.1 V	910	1999 BY ₁₁	* 1999 01	21.02975	10 50 45.28	+08 36 34.9	20.6 V	910
1999 BG ₁₁	1999 01	23.10502	10 45 02.94	+09 13 25.2	19.2 V	910	1999 BY ₁₁	1999 01	21.05404	10 50 44.96	+08 36 43.2	20.2 V	910
1999 BG ₁₁	1999 01	23.13060	10 45 02.20	+09 13 29.3	19.0 V	910	1999 BY ₁₁	1999 01	21.08290	10 50 44.58	+08 36 52.7	20.1 V	910
1999 BG ₁₁	1999 01	23.15487	10 45 01.48	+09 13 33.4	19.3 V	910	1999 BY ₁₁	1999 01	23.10864	10 50 18.04	+08 48 06.0	20.7 V	910
1999 BH ₁₁	* 1999 01	20.07218	10 46 25.88	+08 55 55.3	18.6 V	910	1999 BY ₁₁	1999 01	23.13422	10 50 17.62	+08 48 14.5	20.5 V	910
1999 BH ₁₁	1999 01	20.10679	10 46 25.24	+08 55 56.2	18.9 V	910	1999 BY ₁₁	1999 01	23.15850	10 50 17.20	+08 48 23.0	20.2 V	910
1999 BH ₁₁	1999 01	20.14108	10 46 24.60	+08 55 57.2	18.9 V	910	1999 BZ ₁₁	* 1999 01	21.03092	10 52 27.81	+08 25 54.4	20.0 V	910
1999 BH ₁₁	1999 01	23.10528	10 45 26.22	+08 58 07.1	19.4 V	910	1999 BZ ₁₁	1999 01	21.05521	10 52 27.30	+08 26 03.0	20.5 V	910
1999 BH ₁₁	1999 01	23.13086	10 45 25.59	+08 58 08.8	19.2 V	910	1999 BZ ₁₁	1999 01	21.08407	10 52 26.71	+08 26 12.7	20.6 V	910
1999 BH ₁₁	1999 01	23.15513	10 45 24.97	+08 58 10.0	19.3 V	910	1999 BZ ₁₁	1999 01	23.01753	10 51 44.65	+08 37 44.7	20.4 V	910
1999 BJ ₁₁	* 1999 01	20.07313	10 47 48.20	+09 04 19.6	20.3 V	910	1999 BZ ₁₁	1999 01	23.04481	10 51 43.99	+08 37 55.0	20.5 V	910
1999 BJ ₁₁	1999 01	20.10774	10 47 47.71	+09 04 26.1	20.2 V	910	1999 BZ ₁₁	1999 01	23.06993	10 51 43.37	+08 38 04.6	20.5 V	910
1999 BJ ₁₁	1999 01	20.14203	10 47 47.20	+09 04 33.4	19.9 V	910	1999 BA ₁₂	* 1999 01	21.03308	10 55 33.77	+08 35 33.8	20.0 V	910
1999 BJ ₁₁	1999 01	23.10639	10 47 02.10	+09 15 03.5	20.4 V	910	1999 BA ₁₂	1999 01	21.05736	10 55 33.00	+08 35 37.7	20.0 V	910
1999 BJ ₁₁	1999 01	23.13198	10 47 01.62	+09 15 09.4	19.9 V	910	1999 BA ₁₂	1999 01	21.08622	10 55 32.11	+08 35 42.2	19.8 V	910
1999 BJ ₁₁	1999 01	23.15625	10 47 01.16	+09 15 14.9	20.5 V	910	1999 BA ₁₂	1999 01	23.01947	10 54 31.97	+08 40 57.4	19.7 V	910
1999 BJ ₁₁	1999 01	26.06723	10 46 03.10	+09 27 01.5	19.9 V	910	1999 BA ₁₂	1999 01	23.04674	10 54 31.05	+08 41 02.6	19.7 V	910
1999 BJ ₁₁	1999 01	26.09006	10 46 02.53	+09 27 07.5	19.9 V	910	1999 BA ₁₂	1999 01	23.07185	10 54 30.18	+08 41 06.3	19.9 V	910
1999 BJ ₁₁	1999 01	26.11342	10 46 01.97	+09 27 13.7	20.0 V	910	1999 BB ₁₂	* 1999 01	21.56363	09 13 07.33	+23 28 08.1	18.0 V	365
1999 BK ₁₁	* 1999 01	20.07585	10 51 44.10	+08 56 58.2	20.2 V	910	1999 BB ₁₂	1999 01	21.58130	09 13 06.42	+23 28 13.9		365
1999 BK ₁₁	1999 01	20.11046	10 51 43.44	+08 57 02.7	19.9 V	910	1999 BB ₁₂	1999 01	22.57648	09 12 14.78	+23 34 04.6		365
1999 BK ₁₁	1999 01	20.14475	10 51 42.75	+08 57 07.1	20.3 V	910	1999 BB ₁₂	1999 01	22.59792	09 12 13.60	+23 34 12.2		365
1999 BK ₁₁	1999 01	23.10892	10 50 41.62	+09 03 49.1	20.0 V	910	1999 BC ₁₂	* 1999 01	21.60875	09 15 22.82	+22 09 27.8	18.0 V	365
1999 BK ₁₁	1999 01	23.13450	10 50 40.99	+09 03 52.7	20.5 V	910	1999 BC ₁₂	1999 01	21.62649	09 15 21.82	+22 09 36.6		365
1999 BK ₁₁	1999 01	23.15878	10 50 40.43	+09 03 56.5	20.6 V	910	1999 BC ₁₂	1999 01	22.58337	09 14 30.51	+22 17 33.7		365
1999 BL ₁₁	* 1999 01	20.07699	10 53 22.37	+08 58 54.8	19.9 V	910	1999 BC ₁₂	1999 01	22.61424	09 14 28.77	+22 17 48.9		365
1999 BL ₁₁	1999 01	20.11159	10 53 21.40	+08 58 52.4	19.9 V	910	1999 BC ₁₂	1999 01	26.57560	09 10 45.82	+22 50 35.6	18.0 V	365
1999 BL ₁₁	1999 01	20.14588	10 53 20.51	+08 58 49.1	19.7 V	910	1999 BC ₁₂	1999 01	26.59340	09 10 44.78	+22 50 45.5		365
1999 BL ₁₁	1999 01	23.10979	10 51 57.62	+08 55 07.5	20.0 V	910	1999 BD ₁₂	* 1999 01	22.66429	09 51 37.28	+27 00 39.2	18	411
1999 BL ₁₁	1999 01	23.13537	10 51 56.82	+08 55 05.7	19.8 V	910	1999 BD ₁₂	1999 01	22.68330	09 51 36.29	+27 00 47.8		411
1999 BL ₁₁	1999 01	23.15964	10 51 56.05	+08 55 04.4	19.8 V	910	1999 BD ₁₂	1999 01	25.58297	09 49 04.52	+27 26 01.7		411
1999 BM ₁₁	* 1999 01	20.07797	10 54 46.74	+09 06 38.8	20.7 V	910	1999 BD ₁₂	1999 01	25.59387	09 49 03.91	+27 26 07.9		411
1999 BM ₁₁	1999 01	20.11258	10 54 46.16	+09 06 43.2	20.9 V	910	1999 BD ₁₂	1999 01	28.68556	09 46 10.60	+27 52 36.2		411
1999 BM ₁₁	1999 01	20.14687	10 54 45.65	+09 06 46.8	20.8 V	910	1999 BD ₁₂	1999 01	28.69097	09 46 10.37	+27 52 40.3		411
1999 BM ₁₁	1999 01	23.11116	10 53 55.22	+09 13 14.1	20.0 V	910	1999 BE ₁₂	* 1999 01	22.66587	09 50 30.44	+27 17 56.2	18.5	411
1999 BM ₁₁	1999 01	23.13674	10 53 54.67	+09 13 17.3	20.3 V	910	1999 BE ₁₂	1999 01	22.68489	09 50 29.35	+27 18 01.5		411
1999 BM ₁₁	1999 01	23.16102	10 53 54.18	+09 13 20.6	20.3 V	910	1999 BE ₁₂	1999 01	25.59205	09 47 50.90	+27 29 44.2		411
1999 BM ₁₁	1999 01	26.07196	10 52 53.18	+09 20 45.9	20.2 V	910	1999 BE ₁₂	1999 01	25.60410	09 47 50.20	+27 29 46.1		411
1999 BM ₁₁	1999 01	26.09479	10 52 52.64	+09 20 49.6	20.1 V	910	1999 BE ₁₂	1999 01	28.67832	09 44 48.61	+27 41 01.0		411
1999 BM ₁₁	1999 01	26.11815	10 52 52.08	+09 20 53.1	20.7 V	910	1999 BE ₁₂	1999 01	28.69709	09 44 47.38	+27 41 04.1		411
1999 BN ₁₁	* 1999 01	20.07837	10 55 22.36	+09 01 55.6	20.0 V	910	1999 BE ₁₂	1999 01	28.70193	09 44 47.06	+27 41 06.0		411
1999 BN ₁₁	1999 01	20.11297	10 55 20.63	+09 01 38.1	19.6 V	910	1999 BF ₁₂	* 1999 01	22.71817	09 53 56.15	+30 55 53.5		411
1999 BN ₁₁	1999 01	20.14725	10 55 18.90	+09 01 20.9	19.7 V	910	1999 BF ₁₂	1999 01	22.73718	09 53 55.16	+30 56 00.1		411
1999 BN ₁₁	1999 01	23.01830	10 52 51.24	+08 37 44.0	19.8 V	910	1999 BF ₁₂	1999 01	25.58840	09 51 19.47	+31 09 26.9		411
1999 BN ₁₁	1999 01	23.04556	10 52 49.66	+08 37 30.9	19.9 V	910	1999 BF ₁₂	1999 01	25.59930	09 51 18.90	+31 09 29.9		411
1999 BN ₁₁	1999 01	23.07067	10 52 48.20	+08 37 18.7	19.5 V	910	1999 BF ₁₂	1999 01	28.68193	09 48 18.61	+31 23 03.7		411
1999 BO ₁₁	* 1999 01	20.07884	10 56 01.88	+09 11 33.2	20.6 V	910	1999 BF ₁₂	1999 01	28.68736	09 48 18.31	+31 23 05.1		411
1999 BO ₁₁	1999 01	20.11345	10 56 01.33	+09 11 29.1	20.1 V	910	1999 BG ₁₂	* 1999 01	22.62389	10 08 42.83	-01 56 15.5	17.6 V	385
1999 BO ₁₁	1999 01	20.14774	10 56 00.82	+09 11 25.2	20.0 V	910	1999 BG ₁₂	1999 01	25.70538	10 07 02.07	-01 42 59.4	17.7 V	385
1999 BO ₁₁	1999 01	23.11206	10 55 13.79	+09 06 28.2	20.2 V	910	1999 BG ₁₂	1999 01	25.72306	10 07 01.39	-01 42 53.8		385
1999 BO ₁₁	1999 01	23.13765	10 55 13.25	+09 06 25.4	19.9 V	910	1999 BH ₁₂	* 1999 01	24.06104	09 06 38.95	+17 50 50.4	17.9 R	159
1999 BO ₁₁	1999 01	23.16192	10 55 12.78	+09 06 23.5	20.0 V	910	1999 BH ₁₂	1999 01	24.06295	09 06 38.85	+17 50 50.1	17.9 R	159
1999 BP ₁₁	* 1999 01	20.07981	10 57 28.00	+08 48 28.1	20.3 V	910	1999 BH ₁₂	1999 01	24.06454	09 06 38.74	+17 50 49.9	17.8 R	159
1999 BP ₁₁	1999 01	20.11442	10 57 27.27	+08 48 33.4	20.0 V	910	1999 BH ₁₂	1999 01	25.11421	09 05 38.59	+17 50 04.1	18.6 R	G 159
1999 BP ₁₁	1999 01	20.14871	10 57 26.49	+08 48 38.3	20.1 V	910	1999 BH ₁₂	1999 01	25.12878	09 05 37.88	+17 50 00.8	18.2 R	159
1999 BP ₁₁	1999 01	23.11280	10 56 18.75	+08 56									

1999 BM ₁₂	1999 01	24.91571	08 32 25.21	+31 25 01.3	106	1999 BZ ₁₂	1999 01	24.91506	09 01 25.84	+14 42 34.3	120
1999 BM ₁₂	1999 01	24.93329	08 32 23.78	+31 24 57.0	106	1999 BZ ₁₂	1999 01	25.89853	09 00 40.83	+14 52 10.8	18.4 120
1999 BM ₁₂	1999 01	25.87920	08 31 12.06	+31 21 01.9	106	1999 BZ ₁₂	1999 01	25.92008	09 00 39.68	+14 52 23.3	120
1999 BM ₁₂	1999 01	25.89213	08 31 11.05	+31 20 59.0	106	1999 BZ ₁₂	1999 01	27.94183	08 59 05.79	+15 12 20.6	120
1999 BM ₁₂	1999 01	25.91325	08 31 09.39	+31 20 53.5	17.1 106	1999 BZ ₁₂	1999 01	27.96222	08 59 04.64	+15 12 31.8	120
1999 BN ₁₂	* 1999 01	24.90108	08 28 08.80	+30 58 10.0	106	1999 BA ₁₃	* 1999 01	24.87316	09 00 54.27	+14 18 22.5	18.1 120
1999 BN ₁₂	1999 01	24.91809	08 28 07.65	+30 58 13.4	106	1999 BA ₁₃	1999 01	24.88377	09 00 53.69	+14 18 24.6	120
1999 BN ₁₂	1999 01	24.93547	08 28 06.48	+30 58 16.7	106	1999 BA ₁₃	1999 01	24.91742	09 00 51.56	+14 18 31.8	120
1999 BN ₁₂	1999 01	25.88294	08 27 04.82	+31 01 07.4	106	1999 BA ₁₃	1999 01	25.90086	08 59 52.65	+14 21 43.7	18.4 120
1999 BN ₁₂	1999 01	25.89317	08 27 04.13	+31 01 09.2	106	1999 BA ₁₃	1999 01	25.92281	08 59 51.36	+14 21 47.5	120
1999 BN ₁₂	1999 01	25.91434	08 27 02.70	+31 01 13.0	15.3 106	1999 BA ₁₃	1999 01	27.93964	08 57 48.54	+14 28 32.2	18.1 120
1999 BO ₁₂	1998 12	21.31106	09 23 12.11	+35 11 23.7	17.5 704	1999 BA ₁₃	1999 01	27.95944	08 57 47.28	+14 28 35.6	120
1999 BO ₁₂	1998 12	21.32166	09 23 11.56	+35 11 19.3	17.8 704	1999 BB ₁₃	* 1999 01	24.87316	09 01 14.63	+14 11 11.0	18.4 120
1999 BO ₁₂	1998 12	21.33242	09 23 11.31	+35 11 14.1	18.4 704	1999 BB ₁₃	1999 01	24.88377	09 01 14.00	+14 11 13.0	120
1999 BO ₁₂	1998 12	21.34334	09 23 11.07	+35 11 08.8	18.7 704	1999 BB ₁₃	1999 01	24.91742	09 01 11.93	+14 11 20.5	120
1999 BO ₁₂	1998 12	21.35411	09 23 10.38	+35 11 07.2	19.1 704	1999 BB ₁₃	1999 01	25.90086	09 00 13.33	+14 15 01.3	18.5 120
1999 BO ₁₂	1999 01	13.36942	08 58 08.16	+32 20 49.0	14.8 R 699	1999 BB ₁₃	1999 01	25.92281	09 00 12.01	+14 15 05.5	120
1999 BO ₁₂	1999 01	13.38983	08 58 06.13	+32 20 36.1	699	1999 BB ₁₃	1999 01	27.95944	08 58 08.22	+14 22 53.8	18.2 120
1999 BO ₁₂	1999 01	13.41025	08 58 04.09	+32 20 23.5	699	1999 BC ₁₃	* 1999 01	24.87503	09 02 18.65	+13 12 52.7	17.8 120
1999 BO ₁₂	1999 01	19.41752	08 47 59.37	+31 12 55.6	17.0 704	1999 BC ₁₃	1999 01	24.88568	09 02 18.03	+13 12 51.7	120
1999 BO ₁₂	1999 01	19.43939	08 47 56.99	+31 12 40.0	17.3 704	1999 BC ₁₃	1999 01	24.91925	09 02 16.03	+13 12 49.6	120
1999 BO ₁₂	1999 01	19.46127	08 47 54.57	+31 12 23.8	17.3 704	1999 BC ₁₃	1999 01	25.84705	09 01 24.18	+13 11 39.3	18.2 120
1999 BO ₁₂	1999 01	19.48313	08 47 52.37	+31 12 07.6	704	1999 BC ₁₃	1999 01	25.90559	09 01 20.84	+13 11 34.6	120
1999 BO ₁₂	* 1999 01	24.90653	08 38 16.74	+30 00 54.8	106	1999 BC ₁₃	1999 01	25.92763	09 01 19.62	+13 11 33.0	120
1999 BO ₁₂	1999 01	24.92394	08 38 14.79	+30 00 40.5	106	1999 BC ₁₃	1999 01	27.93745	08 59 25.75	+13 09 09.1	18.2 120
1999 BO ₁₂	1999 01	24.94105	08 38 12.92	+30 00 25.9	106	1999 BC ₁₃	1999 01	27.95714	08 59 24.59	+13 09 07.3	120
1999 BO ₁₂	1999 01	25.88569	08 36 32.01	+29 47 03.6	106	1999 BD ₁₃	* 1999 01	24.87868	09 02 21.21	+11 41 23.6	18.0 120
1999 BO ₁₂	1999 01	25.89428	08 36 31.06	+29 46 56.4	106	1999 BD ₁₃	1999 01	24.88954	09 02 20.47	+11 41 29.1	120
1999 BO ₁₂	1999 01	25.91542	08 36 28.75	+29 46 38.5	15.3 106	1999 BD ₁₃	1999 01	24.92287	09 02 18.60	+11 41 43.7	120
1999 BO ₁₂	1999 01	27.18648	08 34 13.00	+29 28 14.6	15.4 V 757	1999 BD ₁₃	1999 01	25.86145	09 01 25.68	+11 48 41.9	18.2 120
1999 BO ₁₂	1999 01	27.19859	08 34 11.70	+29 28 04.2	15.5 V 757	1999 BD ₁₃	1999 01	25.93200	09 01 21.49	+11 49 14.1	120
1999 BP ₁₂	* 1999 01	24.91219	08 30 07.70	+28 44 57.2	106	1999 BD ₁₃	1999 01	27.93509	08 59 26.75	+12 04 27.3	18.2 120
1999 BP ₁₂	1999 01	24.94668	08 30 05.00	+28 44 57.4	106	1999 BE ₁₃	1999 01	27.95486	08 59 25.58	+12 04 36.6	120
1999 BP ₁₂	1999 01	25.88676	08 28 57.45	+28 47 12.5	106	1999 BE ₁₃	* 1999 01	24.97927	09 36 12.27	+11 49 29.3	18.2 120
1999 BP ₁₂	1999 01	25.89546	08 28 56.80	+28 47 13.1	106	1999 BE ₁₃	1999 01	24.98779	09 36 11.85	+11 49 30.5	18.4 120
1999 BP ₁₂	1999 01	25.91647	08 28 55.22	+28 47 17.0	16.6 106	1999 BE ₁₃	1999 01	25.00594	09 36 10.82	+11 49 33.6	120
1999 BQ ₁₂	* 1999 01	24.96304	08 45 05.78	+28 48 59.6	106	1999 BE ₁₃	1999 01	25.01347	09 36 10.46	+11 49 35.4	120
1999 BQ ₁₂	1999 01	24.97932	08 45 04.72	+28 49 07.3	106	1999 BE ₁₃	1999 01	25.94180	09 35 21.13	+11 52 29.7	18.6 120
1999 BQ ₁₂	1999 01	24.99561	08 45 03.63	+28 49 14.8	106	1999 BE ₁₃	1999 01	25.96483	09 35 19.74	+11 52 36.0	120
1999 BQ ₁₂	1999 01	25.88788	08 44 09.58	+28 56 26.1	106	1999 BE ₁₃	1999 01	27.96884	09 33 30.40	+11 59 05.3	18.3 120
1999 BQ ₁₂	1999 01	25.89666	08 44 09.03	+28 56 30.7	106	1999 BE ₁₃	1999 01	27.98884	09 33 29.29	+11 59 08.0	120
1999 BQ ₁₂	1999 01	25.91868	08 44 07.68	+28 56 40.9	16.5 106	1999 BE ₁₃	1999 01	28.00567	09 33 28.24	+11 59 12.2	120
1999 BR ₁₂	* 1999 01	19.22270	08 01 28.89	+12 06 34.2	18.2 R 747	1999 BF ₁₃	* 1999 01	24.98290	09 38 54.36	+11 06 49.0	18.4 120
1999 BR ₁₂	1999 01	19.23711	08 01 28.19	+12 06 37.3	18.3 R 747	1999 BF ₁₃	1999 01	25.00821	09 38 53.02	+11 06 57.1	120
1999 BR ₁₂	1999 01	19.23960	08 01 28.07	+12 06 37.9	18.3 R 747	1999 BF ₁₃	1999 01	25.99823	09 37 58.08	+11 12 10.7	18.3 120
1999 BR ₁₂	1999 01	19.27670	08 01 26.26	+12 06 45.9	18.2 R 747	1999 BF ₁₃	1999 01	27.97128	09 36 05.79	+11 22 56.0	18.3 120
1999 BR ₁₂	1999 01	25.15008	07 56 52.19	+12 28 31.7	747	1999 BF ₁₃	1999 01	27.99115	09 36 04.55	+11 23 02.8	120
1999 BR ₁₂	1999 01	25.16928	07 56 51.21	+12 28 36.2	747	1999 BG ₁₃	* 1999 01	24.98290	09 39 09.56	+10 52 12.0	18.1 120
1999 BR ₁₂	1999 01	25.17683	07 56 50.85	+12 28 38.0	747	1999 BG ₁₃	1999 01	25.00821	09 39 08.12	+10 52 14.6	120
1999 BR ₁₂	1999 01	25.18175	07 56 50.64	+12 28 39.2	747	1999 BG ₁₃	1999 01	25.99823	09 38 12.46	+10 53 20.7	18.2 120
1999 BR ₁₂	1999 01	26.11264	07 56 07.77	+12 32 12.8	17.8 R 747	1999 BG ₁₃	1999 01	26.01963	09 38 11.22	+10 53 22.3	120
1999 BR ₁₂	1999 01	26.13032	07 56 06.89	+12 32 17.7	17.4 R 747	1999 BG ₁₃	1999 01	27.97366	09 36 17.84	+10 55 53.6	18.2 120
1999 BR ₁₂	1999 01	26.13709	07 56 06.61	+12 32 18.8	747	1999 BG ₁₃	1999 01	27.99405	09 36 16.61	+10 55 55.7	120
1999 BR ₁₂	1999 01	26.14199	07 56 06.35	+12 32 19.9	17.9 R 747	1999 BH ₁₃	* 1999 01	24.98779	09 35 23.23	+11 56 03.4	18.2 120
1999 BS ₁₂	* 1999 01	25.16674	07 57 00.65	+12 31 36.7	18.4 R 747	1999 BH ₁₃	1999 01	25.01347	09 35 22.23	+11 56 09.0	120
1999 BS ₁₂	1999 01	25.16928	07 57 00.51	+12 31 36.7	18.4 R 747	1999 BH ₁₃	1999 01	25.94180	09 34 49.28	+11 59 29.6	18.4 120
1999 BS ₁₂	1999 01	25.17683	07 57 00.01	+12 31 38.7	747	1999 BH ₁₃	1999 01	25.96483	09 34 48.46	+11 59 35.5	120
1999 BS ₁₂	1999 01	25.18175	07 56 59.70	+12 31 39.7	18.3 R 747	1999 BH ₁₃	1999 01	27.96884	09 33 35.73	+12 07 00.1	18.4 120
1999 BS ₁₂	1999 01	26.11264	07 56 02.92	+12 34 36.3	17.6 R 747	1999 BH ₁₃	1999 01	27.98884	09 33 34.98	+12 07 04.5	120
1999 BS ₁₂	1999 01	26.13032	07 56 01.88	+12 34 40.2	18.1 R 747	1999 BH ₁₃	1999 01	28.00567	09 33 34.21	+12 07 08.5	120
1999 BS ₁₂	1999 01	26.13709	07 56 01.46	+12 34 41.4	18.4 R 747	1999 BJ ₁₃	* 1999 01	25.00594	09 37 50.93	+11 12 54.1	18.4 120
1999 BS ₁₂	1999 01	26.14199	07 56 01.11	+12 34 42.2	747	1999 BJ ₁₃	1999 01	25.99823	09 36 56.56	+11 16 17.9	18.0 120
1999 BT ₁₂	1999 01	16.06402	09 52 53.23	+06 35 01.4	18.6 120	1999 BJ ₁₃	1999 01	26.01963	09 36 55.32	+11 16 22.0	120
1999 BT ₁₂	1999 01	16.08506	09 52 52.44	+06 35 05.3	120	1999 BJ ₁₃	1999 01	27.99115	09 35 04.02	+11 23 26.9	18.4 120
1999 BT ₁₂	1999 01	16.97626	09 52 22.13	+06 36 31.6	18.6 120	1999 BK ₁₃	* 1999 01	25.04714	11 48 38.55	+00 18 34.5	18.5 120
1999 BT ₁₂	* 1999 01	20.97123	09 49 56.40	+06 44 23.0	19.0 120	1999 BK ₁₃	1999 01	25.08803	11 48 38.23	+00 18 44.2	120
1999 BT ₁₂	1999 01	21.00391	09 49 55.06	+06 44 27.6	120	1999 BK ₁₃	1999 01	25.11653	11 48 38.07	+00 18 50.3	120
1999 BT ₁₂	1999 01	26.00058	09 46 33.29	+06 56 49.4	18.5 120	1999 BK ₁₃	1999 01	26.03627	11 48 32.68	+00 22 36.8	18.6 120
1999 BT ₁₂	1999 01	26.00599	09 46 33.18	+06 56 50.1	120	1999 BK ₁₃	1999 01	26.03995	11 48 32.72	+00 22 37.2	120
1999 BT ₁₂	1999 01	26.02219	09 46 32.37	+06 56 51.7	120	1999 BK ₁₃	1999 01	26.07889	11 48 32.36	+00 22 47.2	120
1999 BT ₁₂	1999 01	27.98176	09 45 08.23	+07 02 23.6	18.6 120	1999 BK ₁₃	1999 01	26.08226	11 48 32.36	+00 22 48.4	18.7 120
1999 BT ₁₂	1999 01	28.00197	09								

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1999 BQ ₁₃	* 1999 01	25.08486	11 48 50.50	+00 37 07.0	18.2	120	1999 BH ₁₄	1999 01	26.21636	13 37 11.76	-04 44 28.1	19.8 V	910
1999 BQ ₁₃	1999 01	25.11323	11 48 50.31	+00 37 02.3		120	1999 BH ₁₄	1999 01	26.23936	13 37 13.12	-04 44 35.2	19.7 V	910
1999 BQ ₁₃	1999 01	26.03627	11 48 46.64	+00 34 23.6	18.6	120	1999 BJ ₁₄	* 1999 01	23.19014	13 35 23.94	-04 29 11.9	19.7 V	910
1999 BQ ₁₃	1999 01	26.07889	11 48 46.34	+00 34 17.0		120	1999 BJ ₁₄	1999 01	23.21096	13 35 24.73	-04 29 09.9	19.6 V	910
1999 BQ ₁₃	1999 01	28.01836	11 48 32.66	+00 29 16.0	18.0	120	1999 BJ ₁₄	1999 01	23.22698	13 35 25.34	-04 29 08.2	19.4 V	910
1999 BQ ₁₃	1999 01	28.09153	11 48 31.86	+00 29 05.3		120	1999 BJ ₁₄	1999 01	26.19396	13 37 17.39	-04 23 32.6	19.2 V	910
1999 BR ₁₃	* 1999 01	20.06428	10 35 00.62	+09 12 50.5	20.1 V	910	1999 BJ ₁₄	1999 01	26.21643	13 37 18.18	-04 23 30.4	19.8 V	910
1999 BR ₁₃	1999 01	20.09889	10 35 00.04	+09 12 57.7	20.0 V	910	1999 BJ ₁₄	1999 01	26.23942	13 37 18.99	-04 23 27.3	20.0 V	910
1999 BR ₁₃	1999 01	20.13318	10 34 59.47	+09 13 05.3	19.8 V	910	1999 BK ₁₄	* 1999 01	23.19250	13 38 48.78	-04 34 46.4	20.7 V	910
1999 BR ₁₃	1999 01	26.05820	10 33 01.08	+09 38 43.0	19.6 V	910	1999 BK ₁₄	1999 01	23.21333	13 38 49.54	-04 34 49.6	20.1 V	910
1999 BR ₁₃	1999 01	26.08103	10 33 00.46	+09 38 49.9	19.6 V	910	1999 BK ₁₄	1999 01	23.22934	13 38 50.08	-04 34 51.5	20.4 V	910
1999 BR ₁₃	1999 01	26.10439	10 32 59.79	+09 38 56.8	19.7 V	910	1999 BK ₁₄	1999 01	26.19622	13 40 32.87	-04 41 35.5	20.0 V	910
1999 BS ₁₃	* 1999 01	20.06529	10 36 28.78	+08 53 27.4	20.5 V	910	1999 BK ₁₄	1999 01	26.21869	13 40 33.59	-04 41 38.4	20.2 V	910
1999 BS ₁₃	1999 01	20.09989	10 36 27.98	+08 53 33.5	20.4 V	910	1999 BK ₁₄	1999 01	26.24168	13 40 34.34	-04 41 40.8	20.3 V	910
1999 BS ₁₃	1999 01	20.13418	10 36 27.09	+08 53 40.1	20.6 V	910	1999 BL ₁₄	* 1999 01	23.19264	13 39 00.19	-04 44 55.3	21.0 V	910
1999 BS ₁₃	1999 01	26.05859	10 33 35.60	+09 15 19.1	21.2 V	910	1999 BL ₁₄	1999 01	23.21346	13 39 00.95	-04 44 56.1	20.8 V	910
1999 BS ₁₃	1999 01	26.08142	10 33 34.75	+09 15 25.1	20.0 V	910	1999 BL ₁₄	1999 01	23.22948	13 39 01.61	-04 44 56.0	20.8 V	910
1999 BS ₁₃	1999 01	26.10478	10 33 33.91	+09 15 30.9	20.4 V	910	1999 BL ₁₄	1999 01	26.19648	13 40 55.10	-04 45 22.3	20.6 V	910
1999 BT ₁₃	* 1999 01	20.06654	10 38 16.74	+09 15 24.5	19.5 V	910	1999 BL ₁₄	1999 01	26.21895	13 40 55.91	-04 45 22.0	20.6 V	910
1999 BT ₁₃	1999 01	20.10115	10 38 15.98	+09 15 33.7	19.3 V	910	1999 BL ₁₄	1999 01	26.24194	13 40 56.70	-04 45 22.4	20.8 V	910
1999 BT ₁₃	1999 01	20.13544	10 38 15.23	+09 15 42.7	19.2 V	910	1999 BM ₁₄	* 1999 01	24.86174	07 44 35.01	+26 40 34.8	17.3	143
1999 BT ₁₃	1999 01	26.06010	10 35 45.06	+09 46 08.2	19.9 V	910	1999 BM ₁₄	1999 01	24.86750	07 44 34.52	+26 40 37.0	17.5	143
1999 BT ₁₃	1999 01	26.08293	10 35 44.38	+09 46 16.2	20.1 V	910	1999 BM ₁₄	1999 01	24.87326	07 44 34.12	+26 40 39.6	17.4	143
1999 BT ₁₃	1999 01	26.10628	10 35 43.62	+09 46 24.6	20.0 V	910	1999 BM ₁₄	1999 01	24.87903	07 44 33.72	+26 40 40.8	17.9	143
1999 BU ₁₃	* 1999 01	20.06861	10 41 16.66	+09 02 06.7	19.4 V	910	1999 BM ₁₄	1999 01	25.86936	07 43 30.07	+26 44 19.0	17.7	143
1999 BU ₁₃	1999 01	20.10322	10 41 16.05	+09 02 18.3	19.3 V	910	1999 BM ₁₄	1999 01	25.87760	07 43 29.48	+26 44 20.6	17.8	143
1999 BU ₁₃	1999 01	20.13751	10 41 15.45	+09 02 30.0	19.4 V	910	1999 BM ₁₄	1999 01	25.88583	07 43 28.93	+26 44 24.4	17.9	143
1999 BU ₁₃	1999 01	26.06246	10 39 10.11	+09 39 54.6	19.4 V	910	1999 BN ₁₄	* 1999 01	25.18376	07 36 02.60	+24 22 15.5	17.3 R	757
1999 BU ₁₃	1999 01	26.08530	10 39 09.45	+09 40 04.3	19.3 V	910	1999 BN ₁₄	1999 01	25.20865	07 36 01.20	+24 22 18.9	17.6 R	757
1999 BU ₁₃	1999 01	26.10865	10 39 08.79	+09 40 14.0	19.2 V	910	1999 BN ₁₄	1999 01	26.16475	07 35 11.87	+24 24 12.8	17.3 R	757
1999 BV ₁₃	* 1999 01	20.07155	10 45 30.75	+09 15 45.5	19.8 V	910	1999 BN ₁₄	1999 01	26.17914	07 35 11.13	+24 24 13.9	17.2 R	757
1999 BV ₁₃	1999 01	20.10616	10 45 30.01	+09 15 50.4	20.6 V	910	1999 BN ₁₄	1999 01	27.14845	07 34 21.71	+24 26 05.5	17.4 R	757
1999 BV ₁₃	1999 01	20.14045	10 45 29.27	+09 15 55.0	19.6 V	910	1999 BN ₁₄	1999 01	27.17362	07 34 20.50	+24 26 07.5	17.1 R	757
1999 BV ₁₃	1999 01	26.06524	10 43 10.90	+09 30 58.1	19.0 V	910	1999 BO ₁₄	* 1999 01	25.23081	09 14 10.79	+29 45 18.6	17.3 R	757
1999 BV ₁₃	1999 01	26.08807	10 43 10.29	+09 31 01.8	19.2 V	910	1999 BO ₁₄	1999 01	25.24199	09 14 09.97	+29 45 20.0	17.2 R	757
1999 BV ₁₃	1999 01	26.11143	10 43 09.66	+09 31 05.8	20.4 V	910	1999 BO ₁₄	1999 01	26.20429	09 13 02.01	+29 46 52.5	17.4 R	757
1999 BW ₁₃	* 1999 01	20.07281	10 47 19.88	+09 10 21.2	19.5 V	910	1999 BO ₁₄	1999 01	26.21786	09 13 00.93	+29 46 57.1	17.8 R	757
1999 BW ₁₃	1999 01	20.10742	10 47 19.08	+09 10 27.7	20.1 V	910	1999 BO ₁₄	1999 01	27.21245	09 11 49.64	+29 48 22.4	17.1 R	757
1999 BW ₁₃	1999 01	20.14170	10 47 18.24	+09 10 34.4	20.0 V	910	1999 BO ₁₄	1999 01	27.22946	09 11 48.46	+29 48 24.4	17.1 R	757
1999 BW ₁₃	1999 01	26.06631	10 44 43.03	+09 32 38.9	19.4 V	910	1999 BP ₁₄	* 1999 01	16.93059	08 48 33.35	+16 09 18.0	18.7	120
1999 BW ₁₃	1999 01	26.08914	10 44 42.30	+09 32 44.5	19.5 V	910	1999 BP ₁₄	1999 01	16.93280	08 48 33.30	+16 09 18.5		120
1999 BW ₁₃	1999 01	26.11249	10 44 41.60	+09 32 50.1	19.6 V	910	1999 BP ₁₄	1999 01	16.94568	08 48 32.36	+16 09 23.0		120
1999 BX ₁₃	* 1999 01	20.07352	10 48 21.50	+09 08 49.0	20.2 V	910	1999 BP ₁₄	1999 01	16.94790	08 48 32.38	+16 09 26.3		120
1999 BX ₁₃	1999 01	20.10813	10 48 20.76	+09 08 53.5	20.2 V	910	1999 BP ₁₄	1999 01	19.87666	08 45 57.61	+16 30 32.4		120
1999 BX ₁₃	1999 01	20.14242	10 48 20.05	+09 08 58.5	20.4 V	910	1999 BP ₁₄	1999 01	19.89374	08 45 56.73	+16 30 39.7		120
1999 BX ₁₃	1999 01	26.06715	10 45 56.89	+09 23 40.7	19.5 V	910	1999 BP ₁₄	1999 01	20.79464	08 45 07.47	+16 37 16.7	18.8	120
1999 BX ₁₃	1999 01	26.08998	10 45 56.18	+09 23 44.6	19.7 V	910	1999 BP ₁₄	1999 01	20.81872	08 45 06.27	+16 37 26.9		120
1999 BX ₁₃	1999 01	26.11334	10 45 55.53	+09 23 48.7	20.1 V	910	1999 BQ ₁₄	* 1999 01	24.57055	08 23 23.78	+14 35 59.3	16.5 R	426
1999 BY ₁₃	* 1999 01	20.07834	10 55 19.38	+09 07 04.0	20.5 V	910	1999 BQ ₁₄	1999 01	24.58362	08 23 22.88	+14 36 04.9	16.7 R	426
1999 BY ₁₃	1999 01	20.11295	10 55 18.72	+09 07 11.9	20.4 V	910	1999 BQ ₁₄	1999 01	24.59785	08 23 21.87	+14 36 10.4	16.6 R	426
1999 BY ₁₃	1999 01	20.14724	10 55 18.05	+09 07 18.7	20.5 V	910	1999 BQ ₁₄	1999 01	26.56664	08 21 16.46	+14 50 20.3	16.3 R	426
1999 BY ₁₃	1999 01	26.07209	10 53 04.02	+09 31 41.8	19.9 V	910	1999 BQ ₁₄	1999 01	26.57295	08 21 16.00	+14 50 22.8	16.3 R	426
1999 BY ₁₃	1999 01	26.09492	10 53 03.33	+09 31 48.2	20.2 V	910	1999 BQ ₁₄	1999 01	26.57928	08 21 15.60	+14 50 25.6	16.2 R	426
1999 BY ₁₃	1999 01	26.11828	10 53 02.66	+09 31 54.7	20.3 V	910	1999 BR ₁₄	* 1999 01	24.72174	11 34 44.96	+14 26 38.2	18.3 R	426
1999 BZ ₁₃	* 1999 01	20.07841	10 55 24.85	+09 11 59.7	20.1 V	910	1999 BR ₁₄	1999 01	24.73558	11 34 44.91	+14 26 41.7	18.3 R	426
1999 BZ ₁₃	1999 01	20.11302	10 55 24.29	+09 12 09.8	20.2 V	910	1999 BR ₁₄	1999 01	24.74912	11 34 44.88	+14 26 45.1	18.2 R	426
1999 BZ ₁₃	1999 01	20.14731	10 55 23.78	+09 12 19.6	20.4 V	910	1999 BR ₁₄	1999 01	26.64926	11 34 34.17	+14 35 59.6	17.6 R	426
1999 BZ ₁₃	1999 01	26.07243	10 53 32.80	+09 44 36.2	20.1 V	910	1999 BR ₁₄	1999 01	26.66211	11 34 33.97	+14 36 02.8	17.8 R	426
1999 BZ ₁₃	1999 01	26.09527	10 53 32.23	+09 44 44.1	20.1 V	910	1999 BR ₁₄	1999 01	26.67490	11 34 33.88	+14 36 07.8	18.0 R	426
1999 BZ ₁₃	1999 01	26.11863	10 53 31.61	+09 44 52.6	20.0 V	910	1999 BS ₁₄	* 1999 01	22.93589	09 05 29.56	+17 56 26.9	17.3 R	159
1999 BA ₁₄	* 1999 01	22.19399	13 30 10.85	-03 59 58.3	19.5 V	910	1999 BS ₁₄	1999 01	22.94361	09 05 29.13	+17 56 28.2	17.5 R	159
1999 BA ₁₄	1999 01	22.21043	13 30 11.95	-04 00 04.3	19.7 V	910	1999 BS ₁₄	1999 01	22.94678	09 05 28.96	+17 56 28.9	17.5 R	159
1999 BA ₁₄	1999 01	22.22673	13 30 13.05	-04 00 09.7	19.6 V	910	1999 BS ₁₄	1999 01	22.97682	09 05 27.24	+17 56 34.6	17.6 R	159
1999 BA ₁₄	1999 01	26.19209	13 34 34.82	-04 21 59.4	19.6 V	910	1999 BS ₁₄	1999 01	22.97934	09 05 27.06	+17 56 34.9	17.3 R	159
1999 BA ₁₄	1999 01	26.21457	13 34 36.21	-04 22 06.6	19.7 V	910	1999 BS ₁₄	1999 01	22.98189	09 05 26.89	+17 56 35.4	17.4 R	159
1999 BA ₁₄	1999 01	26.23756	13 34 37.63	-04 22 13.6	19.6 V	910	1999 BS ₁₄	1999 01	23.87344	09 04 36.54	+17		

1999 BY ₁₄	1999 01	26.75069	08 45	16.70	+31 21 23.7	19.7 V	360	1999 BR ₁₅	1999 01	25.57778	06 46	13.10	+40 06 03.7	327
1999 BY ₁₄	1999 01	26.75642	08 45	16.40	+31 21 26.2		360	1999 BS ₁₅	* 1999 01	21.90480	08 30	25.00	+23 25 46.4	16.6 V E 610
1999 BY ₁₄	1999 01	26.76441	08 45	16.05	+31 21 28.5		360	1999 BS ₁₅	1999 01	21.92009	08 30	24.22	+23 25 54.8	E 610
1999 BZ ₁₄	* 1999 01	22.60736	10 10	00.51	-02 07 16.9	18.3 V	385	1999 BS ₁₅	1999 01	22.94588	08 29	31.62	+23 31 37.1	17.0 V 610
1999 BZ ₁₄	1999 01	22.62780	10 09	59.70	-02 07 15.7		385	1999 BS ₁₅	1999 01	22.95594	08 29	31.08	+23 31 40.6	610
1999 BZ ₁₄	1999 01	25.71155	10 08	17.41	-02 07 22.7	18.0 V	385	1999 BS ₁₅	1999 01	22.96167	08 29	30.78	+23 31 42.5	610
1999 BZ ₁₄	1999 01	25.71514	10 08	17.20	-02 07 22.0		385	1999 BS ₁₅	1999 01	22.97361	08 29	30.14	+23 31 46.7	610
1999 BZ ₁₄	1999 01	25.71867	10 08	17.05	-02 07 21.7		385	1999 BS ₁₅	1999 01	22.98074	08 29	29.77	+23 31 49.1	610
1999 BZ ₁₄	1999 01	27.72072	10 07	04.28	-02 06 17.5	18.0 V	385	1999 BT ₁₅	* 1999 01	16.08033	05 29	06.74	+42 29 21.7	18.1 704
1999 BA ₁₅	1999 01	25.89495	08 08	34.87	+30 04 23.9	17.9 V	595	1999 BT ₁₅	1999 01	16.10235	05 29	05.66	+42 29 11.0	18.1 704
1999 BA ₁₅	* 1999 01	25.91469	08 08	33.51	+30 04 27.3		595	1999 BT ₁₅	1999 01	16.12436	05 29	04.52	+42 29 00.0	704
1999 BA ₁₅	1999 01	27.86348	08 06	20.93	+30 08 10.2		595	1999 BT ₁₅	1999 01	16.14711	05 29	03.43	+42 28 48.3	704
1999 BA ₁₅	1999 01	27.89236	08 06	18.95	+30 08 13.5		595	1999 BT ₁₅	1999 01	16.16912	05 29	02.38	+42 28 36.9	18.5 704
1999 BB ₁₅	* 1999 01	21.84358	07 51	30.39	+18 58 33.2	18.6	120	1999 BT ₁₅	1999 01	19.08128	05 26	52.48	+42 02 45.4	17.7 704
1999 BB ₁₅	1999 01	21.91270	07 51	26.30	+18 58 57.2		120	1999 BT ₁₅	1999 01	19.10322	05 26	51.61	+42 02 35.5	18.7 704
1999 BB ₁₅	1999 01	24.76920	07 48	50.11	+19 13 05.4	18.3	120	1999 BT ₁₅	1999 01	19.14718	05 26	49.55	+42 02 10.5	17.7 704
1999 BB ₁₅	1999 01	24.79081	07 48	48.98	+19 13 11.5		120	1999 BU ₁₅	1999 01	19.16915	05 26	48.71	+42 01 58.6	17.7 704
1999 BB ₁₅	1999 01	24.81456	07 48	47.61	+19 13 18.8		120	1999 BU ₁₅	* 1999 01	16.08105	05 27	43.73	+35 32 34.5	18.1 704
1999 BC ₁₅	* 1999 01	21.92488	09 25	41.49	+14 45 06.9		120	1999 BU ₁₅	1999 01	16.10307	05 27	42.98	+35 32 28.6	19.0 704
1999 BC ₁₅	1999 01	21.94242	09 25	40.45	+14 45 13.2		120	1999 BU ₁₅	1999 01	16.12508	05 27	42.23	+35 32 20.0	18.6 704
1999 BC ₁₅	1999 01	27.96588	09 20	08.20	+15 29 26.7		120	1999 BU ₁₅	1999 01	16.14784	05 27	41.54	+35 32 12.0	18.6 704
1999 BC ₁₅	1999 01	27.98577	09 20	07.12	+15 29 35.0		120	1999 BU ₁₅	1999 01	16.16984	05 27	40.76	+35 32 04.2	19.0 704
1999 BD ₁₅	* 1999 01	24.82602	08 54	54.10	+13 41 19.9	18.3	120	1999 BU ₁₅	1999 01	19.07877	05 26	25.69	+35 15 01.2	18.3 704
1999 BD ₁₅	1999 01	24.83692	08 54	53.47	+13 41 21.3		120	1999 BU ₁₅	1999 01	19.10071	05 26	25.26	+35 14 53.6	18.3 704
1999 BD ₁₅	1999 01	24.89704	08 54	49.94	+13 41 36.0		120	1999 BU ₁₅	1999 01	19.12273	05 26	24.58	+35 14 47.0	18.4 704
1999 BD ₁₅	1999 01	27.92840	08 51	53.25	+13 54 04.1		120	1999 BU ₁₅	1999 01	19.14468	05 26	24.11	+35 14 40.2	18.1 704
1999 BD ₁₅	1999 01	27.94823	08 51	52.07	+13 54 09.2		120	1999 BU ₁₅	1999 01	19.16664	05 26	23.46	+35 14 30.5	18.1 704
1999 BE ₁₅	* 1999 01	24.83517	08 55	34.56	+14 33 29.3	18.3	120	1999 BV ₁₅	* 1999 01	16.08441	05 45	04.11	+39 10 28.5	18.1 704
1999 BE ₁₅	1999 01	24.89510	08 55	31.04	+14 34 02.7		120	1999 BV ₁₅	1999 01	16.10643	05 45	03.10	+39 10 20.2	18.1 704
1999 BE ₁₅	1999 01	27.92584	08 52	35.34	+15 01 58.4	18.2	120	1999 BV ₁₅	1999 01	16.12844	05 45	01.92	+39 10 10.8	18.3 704
1999 BE ₁₅	1999 01	27.94558	08 52	34.12	+15 02 09.1		120	1999 BV ₁₅	1999 01	16.15119	05 45	00.57	+39 10 02.1	18.3 704
1999 BF ₁₅	* 1999 01	24.86190	08 59	41.72	+13 50 46.6		120	1999 BV ₁₅	1999 01	16.17324	05 44	59.38	+39 09 53.4	19.0 704
1999 BF ₁₅	1999 01	25.91785	08 58	35.47	+13 55 31.9	17.7	120	1999 BV ₁₅	1999 01	19.08228	05 42	43.37	+38 50 58.8	18.4 704
1999 BF ₁₅	1999 01	27.93077	08 56	28.29	+14 04 44.3		120	1999 BV ₁₅	1999 01	19.10423	05 42	42.55	+38 50 52.7	19.1 704
1999 BF ₁₅	1999 01	27.95035	08 56	27.04	+14 04 49.8		120	1999 BV ₁₅	1999 01	19.12626	05 42	41.42	+38 50 43.9	18.6 704
1999 BG ₁₅	* 1999 01	25.04714	11 47	38.03	+00 28 47.3	18.5	120	1999 BV ₁₅	1999 01	19.14818	05 42	40.55	+38 50 33.8	18.5 704
1999 BG ₁₅	1999 01	25.08803	11 47	37.53	+00 28 43.1		120	1999 BV ₁₅	1999 01	19.17016	05 42	39.49	+38 50 24.5	18.5 704
1999 BG ₁₅	1999 01	25.11653	11 47	37.05	+00 28 41.9		120	1999 BW ₁₅	* 1999 01	16.08557	05 48	39.46	+38 19 40.7	18.3 704
1999 BG ₁₅	1999 01	28.01836	11 46	54.42	+00 25 20.1	18.6	120	1999 BW ₁₅	1999 01	16.10759	05 48	38.45	+38 19 36.4	18.4 704
1999 BG ₁₅	1999 01	28.09153	11 46	53.04	+00 25 15.2		120	1999 BW ₁₅	1999 01	16.12960	05 48	37.58	+38 19 32.1	19.1 704
1999 BH ₁₅	* 1999 01	26.00275	09 46	26.50	+07 48 47.2	18.5	120	1999 BW ₁₅	1999 01	19.08228	05 46	41.12	+38 07 37.2	18.2 704
1999 BH ₁₅	1999 01	26.02508	09 46	25.36	+07 48 45.3		120	1999 BW ₁₅	1999 01	19.12626	05 46	39.46	+38 07 26.2	18.7 704
1999 BH ₁₅	1999 01	26.03047	09 46	24.93	+07 48 45.0		120	1999 BW ₁₅	1999 01	19.14818	05 46	38.62	+38 07 20.5	18.7 704
1999 BH ₁₅	1999 01	27.97962	09 44	37.13	+07 44 52.6	18.6	120	1999 BW ₁₅	1999 01	19.17016	05 46	37.89	+38 07 15.2	18.8 704
1999 BH ₁₅	1999 01	27.99980	09 44	36.02	+07 44 50.1		120	1999 BX ₁₅	* 1999 01	16.08805	05 36	53.60	+28 47 37.2	17.9 704
1999 BJ ₁₅	* 1999 01	26.00275	09 48	18.87	+07 42 00.4	18.4	120	1999 BX ₁₅	1999 01	16.11008	05 36	52.39	+28 47 55.8	704
1999 BJ ₁₅	1999 01	26.02508	09 48	17.77	+07 42 01.9		120	1999 BX ₁₅	1999 01	16.13208	05 36	51.12	+28 48 11.9	704
1999 BJ ₁₅	1999 01	26.03047	09 48	17.48	+07 42 03.1		120	1999 BX ₁₅	1999 01	16.15483	05 36	49.89	+28 48 28.7	17.9 704
1999 BJ ₁₅	1999 01	27.97962	09 46	44.58	+07 46 22.0	18.6	120	1999 BX ₁₅	1999 01	16.17689	05 36	48.51	+28 48 43.3	18.4 704
1999 BJ ₁₅	1999 01	27.99980	09 46	43.56	+07 46 25.4		120	1999 BX ₁₅	1999 01	19.07996	05 34	25.41	+29 23 33.9	17.5 704
1999 BK ₁₅	* 1999 01	26.05565	11 57	15.40	+01 03 17.2	18.0	120	1999 BX ₁₅	1999 01	19.10190	05 34	24.36	+29 23 50.6	18.2 704
1999 BK ₁₅	1999 01	26.14199	11 57	15.15	+01 02 50.7		120	1999 BX ₁₅	1999 01	19.12392	05 34	23.20	+29 24 05.4	18.0 704
1999 BK ₁₅	1999 01	28.10500	11 57	08.33	+00 53 07.8	17.8	120	1999 BX ₁₅	1999 01	19.14586	05 34	22.28	+29 24 21.0	18.2 704
1999 BL ₁₅	* 1999 01	26.06247	11 57	06.76	+00 30 48.0	18.4	120	1999 BX ₁₅	1999 01	19.16783	05 34	21.14	+29 24 35.6	704
1999 BL ₁₅	1999 01	26.11873	11 57	07.04	+00 30 55.4		120	1999 BY ₁₅	* 1999 01	16.09258	05 59	02.27	+40 56 33.2	17.7 704
1999 BL ₁₅	1999 01	26.14890	11 57	08.08	+00 30 58.9		120	1999 BY ₁₅	1999 01	16.11460	05 59	01.13	+40 56 22.9	704
1999 BL ₁₅	1999 01	28.03513	11 57	38.46	+00 34 20.5	18.5	120	1999 BY ₁₅	1999 01	16.13735	05 58	59.94	+40 56 10.8	18.0 704
1999 BL ₁₅	1999 01	28.10828	11 57	39.34	+00 34 26.9		120	1999 BY ₁₅	1999 01	16.15936	05 58	58.73	+40 56 02.9	18.4 704
1999 BM ₁₅	1999 01	26.05971	11 59	54.54	+00 03 10.1	18.7	120	1999 BY ₁₅	1999 01	16.18141	05 58	57.61	+40 55 49.4	704
1999 BM ₁₅	* 1999 01	26.07086	11 59	54.49	+00 03 06.2	18.8	120	1999 BY ₁₅	1999 01	19.08989	05 56	34.91	+40 31 03.7	18.1 704
1999 BM ₁₅	1999 01	26.11602	11 59	55.02	+00 02 52.1		120	1999 BY ₁₅	1999 01	19.11184	05 56	33.72	+40 30 53.3	17.9 704
1999 BM ₁₅	1999 01	26.14589	11 59	55.31	+00 02 43.1		120	1999 BY ₁₅	1999 01	19.15579	05 56	31.68	+40 30 30.1	17.5 704
1999 BM ₁₅	1999 01	26.15738	11 59	55.34	+00 02 38.1		120	1999 BY ₁₅	1999 01	19.17776	05 56	30.50	+40 30 18.4	17.7 704
1999 BM ₁₅	1999 01	28.04131	12 00	13.91	+00 08 10.0	18.8	120	1999 BZ ₁₅	* 1999 01	16.09417	06 05	34.90	+33 37 10.0	19.6 704
1999 BM ₁₅	1999 01	28.11388	12 00	14.31	+00 08 35.3		120	1999 BZ ₁₅	1999 01	16.11620	06 05	33.46	+33 37 12.6	19.4 704
1999 BM ₁₅	1999 01	29.13358	12 00	21.57	+00 14 50.2	18.7	120	1999 BZ ₁₅	1999 01	16.13894	06 05	32.40	+33 37 15.3	20.2 704
1999 BM ₁₅	1999 01	29.1												

1999 BE ₁₆	1999 01	16.11970	06 10 03.38	+42 22 57.1	19.2	704	1999 BS ₁₆	1999 01	19.16439	06 24 15.43	+30 00 38.9	17.7	704
1999 BE ₁₆	1999 01	16.14244	06 10 01.83	+42 22 52.6	18.9	704	1999 BS ₁₆	1999 01	19.18636	06 24 14.38	+30 00 36.8	17.7	704
1999 BE ₁₆	1999 01	16.18652	06 09 59.21	+42 22 40.2	19.1	704	1999 BT ₁₆	* 1999 01	16.19441	06 37 07.11	+31 19 41.6	17.9	704
1999 BE ₁₆	1999 01	20.18884	06 06 17.32	+42 05 03.6	19.0	704	1999 BT ₁₆	1999 01	16.21638	06 37 05.78	+31 19 44.7		704
1999 BE ₁₆	1999 01	20.21062	06 06 16.10	+42 04 57.9	18.8	704	1999 BT ₁₆	1999 01	16.23835	06 37 04.41	+31 19 46.1	19.5	704
1999 BE ₁₆	1999 01	20.23260	06 06 15.03	+42 04 52.6	18.8	704	1999 BT ₁₆	1999 01	16.26043	06 37 03.01	+31 19 51.9	18.3	704
1999 BE ₁₆	1999 01	20.25444	06 06 13.90	+42 04 45.4	19.0	704	1999 BT ₁₆	1999 01	16.28233	06 37 01.46	+31 19 52.7	20.0	704
1999 BE ₁₆	1999 01	20.27700	06 06 12.71	+42 04 40.0	19.0	704	1999 BT ₁₆	1999 01	19.18927	06 34 14.46	+31 26 41.8	18.1	704
1999 BF ₁₆	* 1999 01	16.09827	06 26 33.95	+41 03 51.1	18.0	704	1999 BT ₁₆	1999 01	19.21155	06 34 13.20	+31 26 45.3		704
1999 BF ₁₆	1999 01	16.12028	06 26 32.82	+41 03 59.0	18.7	704	1999 BT ₁₆	1999 01	19.23382	06 34 11.94	+31 26 47.9	18.8	704
1999 BF ₁₆	1999 01	16.14302	06 26 31.52	+41 04 04.0	18.7	704	1999 BT ₁₆	1999 01	19.25606	06 34 10.56	+31 26 50.6	18.9	704
1999 BF ₁₆	1999 01	16.16504	06 26 30.10	+41 04 11.6	19.3	704	1999 BT ₁₆	1999 01	19.27822	06 34 09.26	+31 26 55.0	18.9	704
1999 BF ₁₆	1999 01	19.09556	06 24 04.92	+41 16 58.2	17.7	704	1999 BU ₁₆	* 1999 01	16.19441	06 38 45.18	+30 33 40.7	17.9	704
1999 BF ₁₆	1999 01	19.11758	06 24 03.74	+41 17 03.0	17.7	704	1999 BU ₁₆	1999 01	16.21638	06 38 43.81	+30 33 49.4	18.5	704
1999 BF ₁₆	1999 01	19.16148	06 24 01.65	+41 17 13.1	17.9	704	1999 BU ₁₆	1999 01	16.23835	06 38 42.50	+30 33 57.8	18.7	704
1999 BF ₁₆	1999 01	19.18345	06 24 00.43	+41 17 19.1	17.9	704	1999 BU ₁₆	1999 01	16.26043	06 38 41.13	+30 34 07.4	18.7	704
1999 BG ₁₆	* 1999 01	16.09842	06 26 44.84	+38 59 23.2	18.7	704	1999 BU ₁₆	1999 01	19.18927	06 35 56.48	+30 52 52.5	18.2	704
1999 BG ₁₆	1999 01	16.12042	06 26 43.50	+38 59 18.2	18.9	704	1999 BU ₁₆	1999 01	19.21155	06 35 55.32	+30 53 01.7	18.7	704
1999 BG ₁₆	1999 01	16.14316	06 26 41.87	+38 59 10.4	19.1	704	1999 BU ₁₆	1999 01	19.23382	06 35 53.96	+30 53 10.9	19.2	704
1999 BG ₁₆	1999 01	16.16518	06 26 40.52	+38 59 04.8	19.5	704	1999 BU ₁₆	1999 01	19.25606	06 35 52.74	+30 53 20.1	19.7	704
1999 BG ₁₆	1999 01	16.18725	06 26 38.95	+38 58 56.7	19.1	704	1999 BU ₁₆	1999 01	19.27822	06 35 51.50	+30 53 26.5	19.7	704
1999 BG ₁₆	1999 01	19.09584	06 23 38.65	+38 42 05.2	18.4	704	1999 BV ₁₆	* 1999 01	16.19485	06 38 02.58	+27 24 32.6	18.0	704
1999 BG ₁₆	1999 01	19.16176	06 23 34.76	+38 41 42.7	18.7	704	1999 BV ₁₆	1999 01	16.21681	06 38 01.26	+27 24 40.0	18.0	704
1999 BG ₁₆	1999 01	19.18373	06 23 33.25	+38 41 33.7	18.4	704	1999 BV ₁₆	1999 01	16.23878	06 38 00.05	+27 24 49.3	18.3	704
1999 BH ₁₆	* 1999 01	16.10716	05 51 18.02	+41 56 57.9	19.0	704	1999 BV ₁₆	1999 01	16.26086	06 37 58.62	+27 24 58.5	19.3	704
1999 BH ₁₆	1999 01	16.12917	05 51 16.89	+41 56 46.2	19.3	704	1999 BV ₁₆	1999 01	19.19103	06 35 19.05	+27 42 40.9	18.5	704
1999 BH ₁₆	1999 01	16.15192	05 51 15.50	+41 56 37.6	19.3	704	1999 BV ₁₆	1999 01	19.21331	06 35 17.90	+27 42 50.0	18.5	704
1999 BH ₁₆	1999 01	16.17397	05 51 14.40	+41 56 25.3	18.6	704	1999 BV ₁₆	1999 01	19.23557	06 35 16.57	+27 42 57.2	18.2	704
1999 BH ₁₆	1999 01	19.08316	05 48 53.75	+41 33 37.4	19.0	704	1999 BV ₁₆	1999 01	19.28004	06 35 14.18	+27 43 13.3	19.3	704
1999 BH ₁₆	1999 01	19.10510	05 48 52.62	+41 33 28.6	19.5	704	1999 BW ₁₆	* 1999 01	16.19485	06 41 06.48	+27 33 20.3	17.6	704
1999 BH ₁₆	1999 01	19.14906	05 48 50.57	+41 33 06.1	18.8	704	1999 BW ₁₆	1999 01	16.21681	06 41 05.45	+27 33 17.9	18.3	704
1999 BH ₁₆	1999 01	19.17104	05 48 49.34	+41 32 55.3	18.8	704	1999 BW ₁₆	1999 01	16.23878	06 41 04.40	+27 33 15.5	18.7	704
1999 BJ ₁₆	* 1999 01	16.11722	05 51 33.34	+24 20 19.7	18.5	704	1999 BW ₁₆	1999 01	16.26086	06 41 03.40	+27 33 14.0	19.4	704
1999 BJ ₁₆	1999 01	16.13995	05 51 32.35	+24 20 30.8	18.6	704	1999 BW ₁₆	1999 01	16.28277	06 41 02.29	+27 33 10.3	19.4	704
1999 BJ ₁₆	1999 01	16.16198	05 51 31.22	+24 20 42.5	18.6	704	1999 BW ₁₆	1999 01	19.19103	06 38 56.35	+27 28 49.8		704
1999 BJ ₁₆	1999 01	16.18403	05 51 30.25	+24 20 55.3	18.6	704	1999 BW ₁₆	1999 01	19.21331	06 38 55.46	+27 28 48.3		704
1999 BJ ₁₆	1999 01	19.08798	05 49 27.62	+24 44 38.6	17.8	704	1999 BW ₁₆	1999 01	19.23557	06 38 54.38	+27 28 46.5		704
1999 BJ ₁₆	1999 01	19.13195	05 49 25.74	+24 45 00.9	18.1	704	1999 BW ₁₆	1999 01	19.25782	06 38 53.45	+27 28 45.0	18.0	704
1999 BJ ₁₆	1999 01	19.15389	05 49 24.77	+24 45 11.1	17.9	704	1999 BW ₁₆	1999 01	19.28004	06 38 52.48	+27 28 42.2	18.5	704
1999 BJ ₁₆	1999 01	19.17586	05 49 23.96	+24 45 20.4	17.9	704	1999 BX ₁₆	* 1999 01	16.19499	06 41 29.14	+25 36 12.3	18.5	704
1999 BK ₁₆	* 1999 01	16.12144	06 12 19.08	+31 14 11.3	19.3	704	1999 BX ₁₆	1999 01	16.21695	06 41 27.95	+25 36 16.7	19.5	704
1999 BK ₁₆	1999 01	16.14418	06 12 17.66	+31 14 06.2	19.1	704	1999 BX ₁₆	1999 01	16.23892	06 41 26.62	+25 36 25.8	19.2	704
1999 BK ₁₆	1999 01	16.16620	06 12 16.19	+31 13 59.9	19.1	704	1999 BX ₁₆	1999 01	16.26100	06 41 25.62	+25 36 30.5	19.2	704
1999 BK ₁₆	1999 01	16.18826	06 12 14.70	+31 13 55.4	18.9	704	1999 BX ₁₆	1999 01	19.19117	06 38 51.92	+25 50 27.5	18.1	704
1999 BK ₁₆	1999 01	19.09176	06 09 17.23	+31 01 52.5	18.9	704	1999 BX ₁₆	1999 01	19.21345	06 38 50.72	+25 50 34.7	18.1	704
1999 BK ₁₆	1999 01	19.11372	06 09 15.82	+31 01 46.0	19.0	704	1999 BX ₁₆	1999 01	19.23572	06 38 49.56	+25 50 39.6	18.1	704
1999 BK ₁₆	1999 01	19.15768	06 09 13.17	+31 01 35.1	18.1	704	1999 BX ₁₆	1999 01	19.25796	06 38 48.49	+25 50 47.0	18.9	704
1999 BK ₁₆	1999 01	19.17963	06 09 11.81	+31 01 29.4	18.0	704	1999 BX ₁₆	1999 01	19.28019	06 38 47.17	+25 50 53.5	18.8	704
1999 BL ₁₆	* 1999 01	16.18960	06 30 26.72	+40 48 38.2	18.4	704	1999 BY ₁₆	* 1999 01	16.19572	06 45 30.55	+26 31 27.7	19.0	704
1999 BL ₁₆	1999 01	16.21157	06 30 25.29	+40 48 36.8	18.4	704	1999 BY ₁₆	1999 01	16.21769	06 45 29.06	+26 31 32.1	18.8	704
1999 BL ₁₆	1999 01	16.23354	06 30 23.84	+40 48 33.3	18.6	704	1999 BY ₁₆	1999 01	16.23965	06 45 27.40	+26 31 34.6	19.3	704
1999 BL ₁₆	1999 01	16.25562	06 30 22.48	+40 48 29.3	18.2	704	1999 BY ₁₆	1999 01	16.26174	06 45 26.08	+26 31 40.2	19.3	704
1999 BL ₁₆	1999 01	19.18768	06 27 25.88	+40 40 16.3	19.1	704	1999 BY ₁₆	1999 01	19.19117	06 42 18.58	+26 40 00.2	19.0	704
1999 BL ₁₆	1999 01	19.20996	06 27 24.61	+40 40 11.5	19.4	704	1999 BY ₁₆	1999 01	19.21345	06 42 17.24	+26 40 05.0	18.9	704
1999 BL ₁₆	1999 01	19.23222	06 27 23.19	+40 40 09.8	19.3	704	1999 BY ₁₆	1999 01	19.23572	06 42 15.77	+26 40 09.9	18.7	704
1999 BL ₁₆	1999 01	19.27664	06 27 20.43	+40 40 02.1	19.6	704	1999 BY ₁₆	1999 01	19.25796	06 42 14.39	+26 40 14.7	19.4	704
1999 BM ₁₆	* 1999 01	16.18974	06 33 50.02	+39 35 22.7	18.5	704	1999 BZ ₁₆	* 1999 01	16.19572	06 51 12.33	+26 03 31.1	19.0	704
1999 BM ₁₆	1999 01	16.21171	06 33 48.46	+39 35 25.7	18.0	704	1999 BZ ₁₆	1999 01	16.21769	06 51 11.04	+26 03 32.1	19.4	704
1999 BM ₁₆	1999 01	16.23368	06 33 47.19	+39 35 26.1	18.6	704	1999 BZ ₁₆	1999 01	16.26174	06 51 08.72	+26 03 32.7	19.3	704
1999 BM ₁₆	1999 01	16.25576	06 33 45.56	+39 35 27.3	18.3	704	1999 BZ ₁₆	1999 01	19.19612	06 48 38.91	+26 05 38.3	18.7	704
1999 BM ₁₆	1999 01	19.18753	06 30 46.91	+39 38 07.9	18.8	704	1999 BZ ₁₆	1999 01	19.21841	06 48 37.66	+26 05 38.5	19.2	704
1999 BM ₁₆	1999 01	19.20982	06 30 45.57	+39 38 08.3	19.2	704	1999 BZ ₁₆	1999 01	19.24068	06 48 36.55	+26 05 38.7	19.2	704
1999 BM ₁₆	1999 01	19.23207	06 30 44.20	+39 38 10.9	19.1	704	1999 BZ ₁₆	1999 01	19.26291	06 48 35.44	+26 05 40.4	19.8	704
1999 BM ₁₆	1999 01	19.25434	06 30 42.73	+39 38 12.7	20.0	704	1999 BA ₁₇	* 1999 01	16.19587	06 45 48.51	+27 00 56.1	17.8	704
1999 BN ₁₆	* 1999 01	16.18989	06 28 19.25	+38 28 00.9	18.1	704	1999 BA ₁₇	1999 01	16.21783	06 45 47.02	+27 00 50.9	18.5	704
1999 BN ₁₆	1999 01	16.21186	06 28 17.90	+38 27 59.5	17.8	704	1999 BA ₁₇	1999 01	16.23981	06 45 45.70	+27 00 49.7		704
1999 BN ₁₆	1999 01	16.23383	06 28 16.66	+38 27 56.4									

1999 BF ₁₇	1999 01	16.21871	06 42 36.17	+35 13 10.6	18.5	704	1999 BT ₁₇	1999 01	19.18869	06 43 23.31	+35 53 21.3	18.7	704
1999 BF ₁₇	1999 01	16.24069	06 42 34.64	+35 13 06.4	18.4	704	1999 BT ₁₇	1999 01	19.21097	06 43 21.88	+35 53 21.5	18.8	704
1999 BF ₁₇	1999 01	16.26276	06 42 33.11	+35 13 02.5	19.0	704	1999 BT ₁₇	1999 01	19.23323	06 43 20.71	+35 53 21.2	19.2	704
1999 BF ₁₇	1999 01	19.09906	06 39 31.14	+35 03 54.1	17.9	704	1999 BT ₁₇	1999 01	19.27764	06 43 18.09	+35 53 17.4	19.6	704
1999 BF ₁₇	1999 01	19.12108	06 39 29.67	+35 03 49.9	17.8	704	1999 BU ₁₇	* 1999 01	16.19936	06 48 06.28	+28 10 41.2	18.2	704
1999 BF ₁₇	1999 01	19.16498	06 39 26.89	+35 03 41.4	17.0	704	1999 BU ₁₇	1999 01	16.22132	06 48 04.78	+28 10 46.4	20.0	704
1999 BF ₁₇	1999 01	19.18695	06 39 25.57	+35 03 37.8	17.0	704	1999 BU ₁₇	1999 01	16.24330	06 48 03.22	+28 10 49.6	19.9	704
1999 BG ₁₇	* 1999 01	16.19690	06 36 22.70	+35 53 50.5	18.5	704	1999 BU ₁₇	1999 01	16.26535	06 48 01.55	+28 10 51.5	19.3	704
1999 BG ₁₇	1999 01	16.21886	06 36 21.21	+35 53 54.4	18.5	704	1999 BU ₁₇	1999 01	19.19584	06 44 45.09	+28 17 10.4	18.7	704
1999 BG ₁₇	1999 01	16.24084	06 36 19.90	+35 53 54.9	18.4	704	1999 BU ₁₇	1999 01	19.21812	06 44 43.40	+28 17 15.2	18.7	704
1999 BG ₁₇	1999 01	16.26290	06 36 18.46	+35 53 59.6	19.3	704	1999 BU ₁₇	1999 01	19.24039	06 44 42.03	+28 17 15.7	18.5	704
1999 BG ₁₇	1999 01	19.14317	06 33 36.28	+35 59 08.8	17.6	704	1999 BU ₁₇	1999 01	19.26262	06 44 40.52	+28 17 20.0	18.3	704
1999 BG ₁₇	1999 01	19.16513	06 33 35.00	+35 59 11.1	17.6	704	1999 BV ₁₇	* 1999 01	16.19965	06 52 48.97	+26 10 01.8	18.0	704
1999 BG ₁₇	1999 01	19.18710	06 33 33.76	+35 59 13.4	16.9	704	1999 BV ₁₇	1999 01	16.22161	06 52 47.46	+26 10 07.5	18.5	704
1999 BH ₁₇	* 1999 01	16.19704	06 37 14.22	+37 04 40.4	18.7	704	1999 BV ₁₇	1999 01	16.24359	06 52 45.87	+26 10 12.4	18.7	704
1999 BH ₁₇	1999 01	16.21900	06 37 12.67	+37 04 38.7	18.6	704	1999 BV ₁₇	1999 01	16.26564	06 52 44.32	+26 10 17.1	19.1	704
1999 BH ₁₇	1999 01	16.24098	06 37 11.18	+37 04 36.2		704	1999 BV ₁₇	1999 01	19.19612	06 49 33.01	+26 20 52.3	18.8	704
1999 BH ₁₇	1999 01	16.26305	06 37 09.94	+37 04 34.8		704	1999 BV ₁₇	1999 01	19.24068	06 49 30.08	+26 21 02.7	18.6	704
1999 BH ₁₇	1999 01	19.09935	06 34 22.38	+36 59 23.5	16.6	704	1999 BV ₁₇	1999 01	19.26291	06 49 28.66	+26 21 07.2	19.2	704
1999 BH ₁₇	1999 01	19.12137	06 34 21.12	+36 59 22.2	16.6	704	1999 BV ₁₇	1999 01	19.28511	06 49 27.09	+26 21 09.6	19.2	704
1999 BH ₁₇	1999 01	19.14331	06 34 19.73	+36 59 19.3	16.6	704	1999 BW ₁₇	* 1999 01	16.19979	06 50 52.47	+24 35 38.8	18.2	704
1999 BH ₁₇	1999 01	19.16527	06 34 18.45	+36 59 17.7	16.4	704	1999 BW ₁₇	1999 01	16.22176	06 50 51.28	+24 35 39.0	18.6	704
1999 BH ₁₇	1999 01	19.18724	06 34 17.18	+36 59 14.8		704	1999 BW ₁₇	1999 01	16.24384	06 50 50.20	+24 35 39.2	19.2	704
1999 BJ ₁₇	* 1999 01	16.19748	06 37 44.64	+40 21 55.6	18.3	704	1999 BW ₁₇	1999 01	16.26579	06 50 49.03	+24 35 43.9	19.3	704
1999 BJ ₁₇	1999 01	16.21945	06 37 43.11	+40 21 50.8		704	1999 BW ₁₇	1999 01	19.19656	06 48 23.34	+24 38 43.3	18.9	704
1999 BJ ₁₇	1999 01	16.24142	06 37 41.57	+40 21 46.0	18.5	704	1999 BW ₁₇	1999 01	19.21884	06 48 22.17	+24 38 44.5	18.9	704
1999 BJ ₁₇	1999 01	16.26348	06 37 40.03	+40 21 41.0	18.5	704	1999 BW ₁₇	1999 01	19.24112	06 48 21.02	+24 38 47.0	19.4	704
1999 BJ ₁₇	1999 01	16.28539	06 37 38.32	+40 21 35.0	20.0	704	1999 BW ₁₇	1999 01	19.26335	06 48 19.92	+24 38 49.0	19.4	704
1999 BJ ₁₇	1999 01	19.18768	06 34 26.55	+40 09 21.0	18.1	704	1999 BX ₁₇	* 1999 01	16.19994	06 44 35.46	+23 45 32.7	18.8	704
1999 BJ ₁₇	1999 01	19.20996	06 34 25.23	+40 09 15.4		704	1999 BX ₁₇	1999 01	16.22191	06 44 34.15	+23 45 41.0	17.0	704
1999 BJ ₁₇	1999 01	19.23222	06 34 23.62	+40 09 09.4	19.4	704	1999 BX ₁₇	1999 01	16.24398	06 44 32.84	+23 45 49.9	17.8	704
1999 BJ ₁₇	1999 01	19.25448	06 34 22.05	+40 09 03.0	18.9	704	1999 BX ₁₇	1999 01	16.26593	06 44 31.48	+23 45 59.4	18.0	704
1999 BJ ₁₇	1999 01	19.27664	06 34 20.70	+40 08 57.2	19.4	704	1999 BX ₁₇	1999 01	19.19161	06 41 48.16	+24 04 54.0	18.3	704
1999 BK ₁₇	* 1999 01	16.19748	06 39 11.61	+41 19 23.2	19.3	704	1999 BX ₁₇	1999 01	19.21389	06 41 46.86	+24 05 03.4	19.2	704
1999 BK ₁₇	1999 01	16.21945	06 39 09.99	+41 19 23.8	19.3	704	1999 BX ₁₇	1999 01	19.23615	06 41 45.65	+24 05 12.0	18.9	704
1999 BK ₁₇	1999 01	16.24142	06 39 08.26	+41 19 27.9	19.4	704	1999 BX ₁₇	1999 01	19.28062	06 41 42.93	+24 05 26.9	19.3	704
1999 BK ₁₇	1999 01	16.26348	06 39 06.62	+41 19 28.4	19.2	704	1999 BY ₁₇	* 1999 01	16.20023	06 55 49.70	+25 01 15.7	18.5	704
1999 BK ₁₇	1999 01	19.18797	06 35 46.55	+41 21 59.1	19.7	704	1999 BY ₁₇	1999 01	16.22220	06 55 48.33	+25 01 17.4	18.7	704
1999 BK ₁₇	1999 01	19.21025	06 35 44.80	+41 21 58.5	20.5	704	1999 BY ₁₇	1999 01	16.24428	06 55 47.09	+25 01 18.8	19.0	704
1999 BK ₁₇	1999 01	19.23252	06 35 43.28	+41 21 59.2	19.5	704	1999 BY ₁₇	1999 01	19.19656	06 53 10.17	+25 03 10.3	18.9	704
1999 BK ₁₇	1999 01	19.27693	06 35 40.11	+41 22 00.0	20.0	704	1999 BY ₁₇	1999 01	19.21884	06 53 09.00	+25 03 10.6	19.1	704
1999 BL ₁₇	* 1999 01	16.19763	06 35 19.68	+41 59 07.4	17.9	704	1999 BY ₁₇	1999 01	19.24112	06 53 07.80	+25 03 10.9	18.9	704
1999 BL ₁₇	1999 01	16.21959	06 35 18.17	+41 59 07.4		704	1999 BY ₁₇	1999 01	19.26335	06 53 06.68	+25 03 11.1	19.2	704
1999 BL ₁₇	1999 01	16.24157	06 35 16.69	+41 59 07.6	18.8	704	1999 BZ ₁₇	* 1999 01	16.20067	06 59 16.10	+26 09 17.6	18.3	704
1999 BL ₁₇	1999 01	16.26362	06 35 15.02	+41 59 08.4	18.9	704	1999 BZ ₁₇	1999 01	16.22264	06 59 14.49	+26 09 28.4	18.3	704
1999 BL ₁₇	1999 01	19.21010	06 31 59.63	+41 58 24.9	18.7	704	1999 BZ ₁₇	1999 01	16.24471	06 59 13.11	+26 09 37.8	18.3	704
1999 BL ₁₇	1999 01	19.23237	06 31 58.11	+41 58 24.1	18.9	704	1999 BZ ₁₇	1999 01	16.28857	06 59 09.99	+26 09 55.0	18.8	704
1999 BL ₁₇	1999 01	19.25462	06 31 56.84	+41 58 22.7	20.1	704	1999 BZ ₁₇	1999 01	19.19699	06 56 00.08	+26 28 45.8		704
1999 BL ₁₇	1999 01	19.27678	06 31 55.11	+41 58 22.0	18.7	704	1999 BZ ₁₇	1999 01	19.21928	06 55 58.62	+26 28 54.7	18.7	704
1999 BM ₁₇	* 1999 01	16.19777	06 45 20.82	+42 29 57.2	19.1	704	1999 BZ ₁₇	1999 01	19.24155	06 55 57.14	+26 29 03.0		704
1999 BM ₁₇	1999 01	16.21974	06 45 19.42	+42 29 55.1	19.1	704	1999 BZ ₁₇	1999 01	19.26378	06 55 55.69	+26 29 11.6		704
1999 BM ₁₇	1999 01	16.24171	06 45 18.03	+42 29 53.5	19.1	704	1999 BZ ₁₇	1999 01	19.28598	06 55 54.21	+26 29 19.2	18.1	704
1999 BM ₁₇	1999 01	16.26377	06 45 16.70	+42 29 53.0	19.3	704	1999 BA ₁₈	* 1999 01	16.20067	07 01 50.28	+25 36 46.7	17.8	704
1999 BM ₁₇	1999 01	19.18797	06 42 26.83	+42 24 39.1	18.8	704	1999 BA ₁₈	1999 01	16.22264	07 01 49.00	+25 36 41.9	17.9	704
1999 BM ₁₇	1999 01	19.21025	06 42 25.61	+42 24 36.4	19.0	704	1999 BA ₁₈	1999 01	16.24471	07 01 47.65	+25 36 37.5	18.4	704
1999 BM ₁₇	1999 01	19.23252	06 42 24.12	+42 24 32.5	19.6	704	1999 BA ₁₈	1999 01	16.26666	07 01 46.29	+25 36 32.2	18.1	704
1999 BN ₁₇	* 1999 01	16.19777	06 48 02.33	+42 20 00.6	18.0	704	1999 BA ₁₈	1999 01	16.28857	07 01 45.01	+25 36 28.4	19.3	704
1999 BN ₁₇	1999 01	16.21974	06 48 00.87	+42 20 04.1		704	1999 BA ₁₈	1999 01	19.19685	06 58 58.79	+25 25 05.0		704
1999 BN ₁₇	1999 01	16.24171	06 47 59.31	+42 20 06.7		704	1999 BA ₁₈	1999 01	19.21913	06 58 57.50	+25 24 59.6	18.1	704
1999 BN ₁₇	1999 01	16.26377	06 47 57.78	+42 20 09.3	18.7	704	1999 BA ₁₈	1999 01	19.24141	06 58 56.26	+25 24 53.4	17.9	704
1999 BN ₁₇	1999 01	19.19364	06 44 48.84	+42 25 07.0	17.9	704	1999 BA ₁₈	1999 01	19.26364	06 58 54.96	+25 24 48.8	17.8	704
1999 BN ₁₇	1999 01	19.21591	06 44 47.46	+42 25 08.1	17.9	704	1999 BA ₁₈	1999 01	19.28583	06 58 53.69	+25 24 44.6	18.6	704
1999 BN ₁₇	1999 01	19.23819	06 44 46.00	+42 25 10.6		704	1999 BB ₁₈	* 1999 01	16.20067	07 02 21.42	+26 07 47.6	18.1	704
1999 BN ₁₇	1999 01	19.26042	06 44 44.45	+42 25 13.4	18.1	704	1999 BB ₁₈	1999 01	16.22264	07 02 19.73	+26 07 45.0	18.9	704
1999 BN ₁₇	1999 01	19.28263	06 44 43.16	+42 25 14.0	18.3	704	1999 BB ₁₈	1999 01	16.26666	07 02 16.61	+26 07 40.0	17.9	704
1999 BO ₁₇	* 1999 01	16.19791	06 49 30.06	+40 40 35.7	19.0	704	1999 BB ₁₈	1999 01	16.28857	07 02 15.15	+26 07 36.7	19.2	704
1999 BO ₁₇	1999 01	16.21988	06 49 28.47	+40 40 37.8	19.3	704	1999 BB ₁₈						

1999 FEB. 2

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1999 BG ₁₈	1999 01	19.24445	06 54 18.31	+33 09 22.1	20.0	704	1999 BU ₁₈	1999 01	19.24445	06 58 50.89	+33 16 55.9	19.8	704
1999 BG ₁₈	1999 01	19.26675	06 54 16.52	+33 09 24.4	19.4	704	1999 BU ₁₈	1999 01	19.26675	06 58 49.46	+33 16 59.6	19.4	704
1999 BH ₁₈	* 1999 01	16.20154	06 58 40.00	+33 17 47.2	18.5	704	1999 BV ₁₈	* 1999 01	16.20387	07 03 04.34	+33 46 18.5	18.2	704
1999 BH ₁₈	1999 01	16.22351	06 58 38.52	+33 17 38.6	19.3	704	1999 BV ₁₈	1999 01	16.22583	07 03 02.86	+33 46 18.6		704
1999 BH ₁₈	1999 01	16.24559	06 58 36.91	+33 17 32.6	19.8	704	1999 BV ₁₈	1999 01	16.24792	07 03 01.33	+33 46 19.7	18.5	704
1999 BH ₁₈	1999 01	16.26753	06 58 35.47	+33 17 25.7	19.9	704	1999 BV ₁₈	1999 01	16.26984	07 02 59.88	+33 46 20.2	19.0	704
1999 BH ₁₈	1999 01	19.19990	06 55 21.16	+33 00 59.0	18.8	704	1999 BV ₁₈	1999 01	19.19990	06 59 49.63	+33 46 26.4	17.6	704
1999 BH ₁₈	1999 01	19.22218	06 55 19.72	+33 00 50.3	19.5	704	1999 BV ₁₈	1999 01	19.22218	06 59 48.21	+33 46 25.9	18.4	704
1999 BH ₁₈	1999 01	19.26675	06 55 16.83	+33 00 37.1	19.4	704	1999 BV ₁₈	1999 01	19.24445	06 59 46.80	+33 46 24.1	18.8	704
1999 BH ₁₈	1999 01	19.28888	06 55 15.25	+33 00 29.3	19.9	704	1999 BV ₁₈	1999 01	19.26675	06 59 45.29	+33 46 24.5	18.6	704
1999 BJ ₁₈	* 1999 01	16.20213	06 51 46.59	+38 45 43.0	18.7	704	1999 BV ₁₈	1999 01	19.28888	06 59 43.93	+33 46 25.0	19.4	704
1999 BJ ₁₈	1999 01	16.22410	06 51 45.43	+38 45 44.3	18.7	704	1999 BW ₁₈	* 1999 01	16.20387	07 04 31.21	+33 16 42.3	18.4	704
1999 BJ ₁₈	1999 01	16.24617	06 51 43.96	+38 45 49.2	18.6	704	1999 BW ₁₈	1999 01	16.22583	07 04 29.39	+33 16 41.4	18.6	704
1999 BJ ₁₈	1999 01	16.26811	06 51 42.72	+38 45 53.3	19.0	704	1999 BW ₁₈	1999 01	16.24792	07 04 27.76	+33 16 38.5	19.8	704
1999 BJ ₁₈	1999 01	19.19468	06 48 51.53	+38 52 59.0	18.5	704	1999 BW ₁₈	1999 01	16.26984	07 04 25.84	+33 16 38.0	19.9	704
1999 BJ ₁₈	1999 01	19.21695	06 48 50.20	+38 52 59.6	18.8	704	1999 BW ₁₈	1999 01	19.20121	07 00 48.17	+33 12 04.7	19.1	704
1999 BJ ₁₈	1999 01	19.23923	06 48 48.85	+38 53 04.2	18.9	704	1999 BW ₁₈	1999 01	19.22363	07 00 46.40	+33 12 01.7	19.6	704
1999 BJ ₁₈	1999 01	19.26145	06 48 47.71	+38 53 08.3	18.9	704	1999 BW ₁₈	1999 01	19.24576	07 00 44.97	+33 12 01.8	19.9	704
1999 BK ₁₈	* 1999 01	16.20213	06 51 46.69	+38 13 45.3	18.7	704	1999 BW ₁₈	1999 01	19.26805	07 00 43.19	+33 11 57.5	20.0	704
1999 BK ₁₈	1999 01	16.22410	06 51 45.40	+38 13 45.5	18.6	704	1999 BW ₁₈	1999 01	19.29019	07 00 41.62	+33 11 57.4	19.8	704
1999 BK ₁₈	1999 01	16.24617	06 51 44.20	+38 13 45.2	18.6	704	1999 BX ₁₈	* 1999 01	16.20387	07 05 55.75	+33 27 55.9	17.9	704
1999 BK ₁₈	1999 01	19.21695	06 48 33.52	+38 14 31.5	19.5	704	1999 BX ₁₈	1999 01	16.22583	07 05 54.31	+33 27 59.1	18.3	704
1999 BK ₁₈	1999 01	19.23923	06 48 32.42	+38 14 28.0	19.8	704	1999 BX ₁₈	1999 01	16.24792	07 05 52.86	+33 28 01.5	19.5	704
1999 BK ₁₈	1999 01	19.26145	06 48 30.84	+38 14 27.5	19.4	704	1999 BX ₁₈	1999 01	16.26984	07 05 51.47	+33 28 04.8	19.2	704
1999 BK ₁₈	1999 01	19.28366	06 48 29.18	+38 14 24.7	20.1	704	1999 BX ₁₈	1999 01	19.20121	07 02 56.44	+33 33 22.8	17.9	704
1999 BL ₁₈	* 1999 01	16.20227	06 59 38.98	+38 36 19.6	18.1	704	1999 BX ₁₈	1999 01	19.22363	07 02 55.02	+33 33 26.1	18.3	704
1999 BL ₁₈	1999 01	16.22424	06 59 37.32	+38 36 17.7	18.3	704	1999 BX ₁₈	1999 01	19.26805	07 02 52.31	+33 33 30.5	18.5	704
1999 BL ₁₈	1999 01	16.24632	06 59 35.48	+38 36 16.9		704	1999 BX ₁₈	1999 01	19.29019	07 02 51.09	+33 33 31.7	18.6	704
1999 BL ₁₈	1999 01	16.26826	06 59 33.98	+38 36 14.9	18.8	704	1999 BY ₁₈	* 1999 01	16.20401	07 07 14.38	+32 46 35.5	18.4	704
1999 BL ₁₈	1999 01	19.20049	06 55 59.58	+38 31 35.4		704	1999 BY ₁₈	1999 01	16.22597	07 07 12.87	+32 46 28.6	19.7	704
1999 BL ₁₈	1999 01	19.22277	06 55 57.92	+38 31 33.2		704	1999 BY ₁₈	1999 01	16.24806	07 07 11.17	+32 46 23.6	19.9	704
1999 BL ₁₈	1999 01	19.24504	06 55 56.38	+38 31 32.2	18.5	704	1999 BY ₁₈	1999 01	16.26998	07 07 09.91	+32 46 18.5	20.2	704
1999 BL ₁₈	1999 01	19.26733	06 55 54.65	+38 31 28.4		704	1999 BY ₁₈	1999 01	19.20136	07 03 50.63	+32 33 03.0	19.2	704
1999 BL ₁₈	1999 01	19.28947	06 55 52.99	+38 31 26.0	18.2	704	1999 BY ₁₈	1999 01	19.22377	07 03 48.98	+32 32 58.6	19.6	704
1999 BM ₁₈	* 1999 01	16.20227	06 59 52.31	+38 14 26.6	18.9	704	1999 BY ₁₈	1999 01	19.24591	07 03 47.43	+32 32 49.4	19.9	704
1999 BM ₁₈	1999 01	16.22424	06 59 50.81	+38 14 26.9	19.1	704	1999 BY ₁₈	1999 01	19.26820	07 03 45.98	+32 32 45.4	19.3	704
1999 BM ₁₈	1999 01	16.24632	06 59 49.67	+38 14 31.7	19.1	704	1999 BZ ₁₈	* 1999 01	16.20401	07 08 16.70	+32 23 12.0	18.1	704
1999 BM ₁₈	1999 01	19.20049	06 56 58.46	+38 18 25.6	19.2	704	1999 BZ ₁₈	1999 01	16.22597	07 08 15.21	+32 23 02.8	18.8	704
1999 BM ₁₈	1999 01	19.22277	06 56 57.20	+38 18 25.8	19.2	704	1999 BZ ₁₈	1999 01	16.24806	07 08 13.62	+32 22 52.5	19.1	704
1999 BM ₁₈	1999 01	19.26733	06 56 54.52	+38 18 30.6	19.6	704	1999 BZ ₁₈	1999 01	16.26998	07 08 12.16	+32 22 43.5	19.2	704
1999 BN ₁₈	* 1999 01	16.20242	06 59 42.92	+39 28 43.1	18.6	704	1999 BZ ₁₈	1999 01	19.20136	07 05 00.80	+32 01 19.2		704
1999 BN ₁₈	1999 01	16.22439	06 59 41.48	+39 28 45.5	19.0	704	1999 BZ ₁₈	1999 01	19.22377	07 04 59.27	+32 01 59.5	18.8	704
1999 BN ₁₈	1999 01	16.24646	06 59 40.06	+39 28 48.2	19.1	704	1999 BZ ₁₈	1999 01	19.24591	07 04 57.69	+32 00 57.9	19.6	704
1999 BN ₁₈	1999 01	16.26840	06 59 38.72	+39 28 48.6	19.5	704	1999 BZ ₁₈	1999 01	19.26820	07 04 56.28	+32 00 48.9	19.1	704
1999 BN ₁₈	1999 01	19.19438	06 56 48.45	+39 32 34.6	18.5	704	1999 BZ ₁₈	1999 01	19.29033	07 04 54.78	+32 00 39.4	19.5	704
1999 BN ₁₈	1999 01	19.21666	06 56 47.28	+39 32 36.3	18.5	704	1999 BA ₁₉	* 1999 01	16.20415	07 05 16.25	+30 40 16.7	18.9	704
1999 BN ₁₈	1999 01	19.23893	06 56 45.87	+39 32 37.2	19.0	704	1999 BA ₁₉	1999 01	16.22612	07 05 14.57	+30 40 12.5	19.3	704
1999 BN ₁₈	1999 01	19.26116	06 56 44.54	+39 32 37.4	19.0	704	1999 BA ₁₉	1999 01	16.24820	07 05 13.22	+30 40 10.3	19.5	704
1999 BN ₁₈	1999 01	19.28337	06 56 43.13	+39 32 41.1	19.6	704	1999 BA ₁₉	1999 01	16.27012	07 05 11.56	+30 40 06.8	20.0	704
1999 BO ₁₈	* 1999 01	16.20256	06 55 23.04	+40 59 34.6	19.3	704	1999 BA ₁₉	1999 01	19.19960	07 02 00.98	+30 30 48.9	18.8	704
1999 BO ₁₈	1999 01	16.22453	06 55 21.45	+40 59 39.5	18.9	704	1999 BA ₁₉	1999 01	19.24416	07 01 58.11	+30 30 39.8	19.9	704
1999 BO ₁₈	1999 01	16.24661	06 55 20.26	+40 59 44.6	19.3	704	1999 BA ₁₉	1999 01	19.26645	07 01 56.49	+30 30 36.6	19.6	704
1999 BO ₁₈	1999 01	16.26854	06 55 18.66	+40 59 49.2	19.7	704	1999 BB ₁₉	* 1999 01	16.20415	07 09 59.50	+30 59 22.0	18.5	704
1999 BO ₁₈	1999 01	19.19334	06 52 19.44	+41 09 01.4	18.8	704	1999 BB ₁₉	1999 01	16.22612	07 09 57.95	+30 59 27.3	19.9	704
1999 BO ₁₈	1999 01	19.21562	06 52 17.91	+41 09 05.8	18.8	704	1999 BB ₁₉	1999 01	16.24820	07 09 56.59	+30 59 35.8	19.9	704
1999 BO ₁₈	1999 01	19.23789	06 52 16.70	+41 09 10.2	19.7	704	1999 BB ₁₉	1999 01	16.27012	07 09 54.61	+30 59 39.8	20.2	704
1999 BP ₁₈	* 1999 01	16.20271	06 55 35.64	+42 14 00.1	18.0	704	1999 BB ₁₉	1999 01	19.20150	07 06 42.15	+31 12 22.1	18.9	704
1999 BP ₁₈	1999 01	16.22468	06 55 34.11	+42 14 02.3		704	1999 BB ₁₉	1999 01	19.24605	07 06 39.27	+31 12 34.5	19.6	704
1999 BP ₁₈	1999 01	16.24676	06 55 32.53	+42 14 04.6	18.5	704	1999 BB ₁₉	1999 01	19.26834	07 06 37.70	+31 12 39.2	19.6	704
1999 BP ₁₈	1999 01	16.26868	06 55 30.92	+42 14 06.9	18.7	704	1999 BB ₁₉	1999 01	19.29048	07 06 36.11	+31 12 46.1	19.6	704
1999 BP ₁₈	1999 01	19.19379	06 52 15.96	+42 17 20.5	17.8	704	1999 BC ₁₉	* 1999 01	16.20430	07 05 23.18	+29 19 09.1	18.3	704
1999 BP ₁₈	1999 01	19.21606	06 52 14.54	+42 17 22.1		704	1999 BC ₁₉	1999 01	16.22626	07 05 21.66	+29 19 12.4	19.1	704
1999 BP ₁₈	1999 01	19.23833	06 52 13.05	+42 17 23.9		704	1999 BC ₁₉	1999 01	16.24835	07 05 20.12	+29 19 13.2	19.9	704
1999 BP ₁₈	1999 01	19.26056	06 52 11.50	+42 17 25.1	18.3	704	1999 BC ₁₉	1999 01	16.27027	07 05 18.60	+29 19 17.8	20.3	704
1999 BP ₁₈	1999 01	19.28278	06 52 10.09	+42 17 25.6	18.2	704	1999 BC ₁₉	1999 01	19.19946	07 02 00.25	+29 24 58.2	18.7	704
1999 BQ ₁₈	* 1999 01	16.20314	07 03 26.43	+39 09 16.7	18.2	704	1999 BC ₁₉	1999 01	19.22174	07 01 58.82	+29 25 01.9	19.8	704
1999 BQ ₁₈	1999 01	16.22511	07 03 24.90	+39 09 23.4	18.6	704							

1999 BH ₁₉	1999 01	19.24314	07 02 09.58	+22 20 09.6	19.3	704	1999 BV ₁₉	1999 01	16.27229	07 09 30.51	+28 08 26.9	19.0	704
1999 BH ₁₉	1999 01	19.26538	07 02 08.54	+22 20 11.6	19.3	704	1999 BV ₁₉	1999 01	19.19931	07 06 19.34	+28 14 27.8	18.4	704
1999 BJ ₁₉	* 1999 01	16.20532	07 09 12.36	+22 45 15.1	18.3	704	1999 BV ₁₉	1999 01	19.22160	07 06 17.92	+28 14 30.5	18.5	704
1999 BJ ₁₉	1999 01	16.22728	07 09 11.32	+22 45 21.9	18.5	704	1999 BV ₁₉	1999 01	19.24387	07 06 16.37	+28 14 31.9	18.9	704
1999 BJ ₁₉	1999 01	16.24937	07 09 09.99	+22 45 26.6	18.2	704	1999 BV ₁₉	1999 01	19.26616	07 06 14.92	+28 14 35.1	18.6	704
1999 BJ ₁₉	1999 01	16.27128	07 09 08.82	+22 45 31.4	19.4	704	1999 BW ₁₉	1999 01	19.28830	07 06 13.45	+28 14 37.8	19.1	704
1999 BJ ₁₉	1999 01	19.19858	07 06 38.19	+22 57 30.4	18.5	704	1999 BW ₁₉	* 1999 01	16.20634	07 11 47.00	+28 34 44.9	18.4	704
1999 BJ ₁₉	1999 01	19.22086	07 06 36.99	+22 57 38.5	18.6	704	1999 BW ₁₉	1999 01	16.22830	07 11 45.75	+28 34 52.2	18.7	704
1999 BJ ₁₉	1999 01	19.24314	07 06 35.93	+22 57 43.3	18.6	704	1999 BW ₁₉	1999 01	16.25039	07 11 44.41	+28 34 56.5	18.8	704
1999 BJ ₁₉	1999 01	19.26538	07 06 34.64	+22 57 47.1	18.0	704	1999 BW ₁₉	1999 01	16.27229	07 11 43.16	+28 35 02.0	19.4	704
1999 BK ₁₉	* 1999 01	16.20546	07 15 59.39	+24 01 56.0	18.3	704	1999 BW ₁₉	1999 01	19.20178	07 08 58.97	+28 46 51.8		704
1999 BK ₁₉	1999 01	16.22743	07 15 58.00	+24 02 01.2	18.4	704	1999 BW ₁₉	1999 01	19.24634	07 08 56.53	+28 47 04.4	18.4	704
1999 BK ₁₉	1999 01	16.24951	07 15 56.61	+24 02 09.9	18.7	704	1999 BW ₁₉	1999 01	19.26863	07 08 55.26	+28 47 09.0	19.4	704
1999 BK ₁₉	1999 01	16.27143	07 15 55.11	+24 02 15.1	18.9	704	1999 BW ₁₉	1999 01	19.29076	07 08 53.87	+28 47 14.0	19.0	704
1999 BK ₁₉	1999 01	19.20236	07 12 57.58	+24 15 09.8	18.1	704	1999 BX ₁₉	* 1999 01	16.20634	07 13 58.39	+28 22 16.3	18.2	704
1999 BK ₁₉	1999 01	19.22478	07 12 56.27	+24 15 15.0	19.0	704	1999 BX ₁₉	1999 01	16.25039	07 13 55.00	+28 22 13.5	19.9	704
1999 BK ₁₉	1999 01	19.24692	07 12 54.85	+24 15 22.9	19.2	704	1999 BX ₁₉	1999 01	16.29423	07 13 51.88	+28 22 13.9	20.0	704
1999 BK ₁₉	1999 01	19.26920	07 12 53.34	+24 15 27.9	18.6	704	1999 BX ₁₉	1999 01	19.20178	07 10 34.09	+28 20 50.0	18.5	704
1999 BL ₁₉	* 1999 01	16.20546	07 18 11.42	+23 19 46.9	18.5	704	1999 BX ₁₉	1999 01	19.22420	07 10 32.45	+28 20 50.0	19.1	704
1999 BL ₁₉	1999 01	16.22743	07 18 09.95	+23 19 51.6	18.7	704	1999 BX ₁₉	1999 01	19.24634	07 10 31.00	+28 20 47.3	19.4	704
1999 BL ₁₉	1999 01	16.24951	07 18 08.36	+23 19 56.4	18.7	704	1999 BX ₁₉	1999 01	19.26863	07 10 29.45	+28 20 46.3	19.2	704
1999 BL ₁₉	1999 01	16.27143	07 18 07.05	+23 20 01.2	19.5	704	1999 BX ₁₉	1999 01	19.29076	07 10 27.75	+28 20 46.5	19.7	704
1999 BL ₁₉	1999 01	19.20236	07 14 59.77	+23 31 10.2	18.4	704	1999 BY ₁₉	* 1999 01	16.20648	07 13 08.49	+29 45 47.0	18.1	704
1999 BL ₁₉	1999 01	19.22478	07 14 58.13	+23 31 15.1	19.1	704	1999 BY ₁₉	1999 01	16.22845	07 13 07.17	+29 45 48.0	19.4	704
1999 BL ₁₉	1999 01	19.24692	07 14 56.81	+23 31 19.8	19.2	704	1999 BY ₁₉	1999 01	16.25053	07 13 05.81	+29 45 51.9	19.9	704
1999 BL ₁₉	1999 01	19.26920	07 14 55.17	+23 31 24.7	18.9	704	1999 BY ₁₉	1999 01	16.27244	07 13 04.43	+29 45 52.1	20.0	704
1999 BM ₁₉	* 1999 01	16.20560	07 16 16.25	+22 52 57.2	17.8	704	1999 BY ₁₉	1999 01	19.20164	07 10 15.84	+29 49 14.1	19.1	704
1999 BM ₁₉	1999 01	16.22757	07 16 14.68	+22 52 59.1		704	1999 BY ₁₉	1999 01	19.24619	07 10 13.34	+29 49 17.4	19.8	704
1999 BM ₁₉	1999 01	16.27157	07 16 11.41	+22 53 03.0	18.6	704	1999 BY ₁₉	1999 01	19.26848	07 10 12.01	+29 49 17.4	19.7	704
1999 BM ₁₉	1999 01	19.20251	07 12 58.40	+22 56 49.9	17.2	704	1999 BZ ₁₉	* 1999 01	16.20692	07 08 28.53	+33 29 24.4	18.2	704
1999 BM ₁₉	1999 01	19.22493	07 12 56.97	+22 56 52.9	18.5	704	1999 BZ ₁₉	1999 01	16.22888	07 08 26.88	+33 29 24.8		704
1999 BM ₁₉	1999 01	19.24706	07 12 55.39	+22 56 54.5		704	1999 BZ ₁₉	1999 01	16.25097	07 08 25.28	+33 29 25.2	18.9	704
1999 BM ₁₉	1999 01	19.26935	07 12 53.93	+22 56 54.8		704	1999 BZ ₁₉	1999 01	16.27288	07 08 23.57	+33 29 25.3	20.0	704
1999 BM ₁₉	1999 01	19.29149	07 12 52.44	+22 56 57.9	18.1	704	1999 BZ ₁₉	1999 01	19.20121	07 05 00.62	+33 28 13.3	18.3	704
1999 BN ₁₉	* 1999 01	16.20560	07 19 09.52	+22 43 29.5	17.8	704	1999 BZ ₁₉	1999 01	19.22363	07 04 59.01	+33 28 11.6	18.4	704
1999 BN ₁₉	1999 01	16.22757	07 19 08.18	+22 43 37.0	19.1	704	1999 BZ ₁₉	1999 01	19.24576	07 04 57.47	+33 28 11.5	18.6	704
1999 BN ₁₉	1999 01	16.24965	07 19 06.90	+22 43 40.9	18.9	704	1999 BZ ₁₉	1999 01	19.26805	07 04 55.95	+33 28 11.0	18.9	704
1999 BN ₁₉	1999 01	16.27157	07 19 05.41	+22 43 45.1	19.2	704	1999 BZ ₁₉	1999 01	19.29019	07 04 54.39	+33 28 09.4	19.3	704
1999 BN ₁₉	1999 01	19.20266	07 16 17.79	+22 54 49.4	17.8	704	1999 BA ₂₀	* 1999 01	16.20692	07 13 37.26	+32 57 13.1	18.0	704
1999 BN ₁₉	1999 01	19.22508	07 16 16.47	+22 54 54.0	18.2	704	1999 BA ₂₀	1999 01	16.22888	07 13 35.78	+32 57 15.8		704
1999 BN ₁₉	1999 01	19.24721	07 16 15.17	+22 54 58.6	18.7	704	1999 BA ₂₀	1999 01	16.25097	07 13 34.26	+32 57 19.1		704
1999 BN ₁₉	1999 01	19.26950	07 16 13.92	+22 55 04.9	18.3	704	1999 BA ₂₀	1999 01	16.27288	07 13 32.79	+32 57 21.4	19.1	704
1999 BO ₁₉	* 1999 01	16.20575	07 21 55.07	+24 06 16.2	18.1	704	1999 BA ₂₀	1999 01	19.20432	07 10 29.74	+33 03 11.6	17.6	704
1999 BO ₁₉	1999 01	16.22772	07 21 53.59	+24 06 12.5	18.5	704	1999 BA ₂₀	1999 01	19.22668	07 10 28.27	+33 03 14.5		704
1999 BO ₁₉	1999 01	16.24980	07 21 52.12	+24 06 08.3	18.8	704	1999 BA ₂₀	1999 01	19.29324	07 10 23.95	+33 03 21.8	18.2	704
1999 BO ₁₉	1999 01	16.27171	07 21 50.89	+24 06 01.3	19.7	704	1999 BB ₂₀	* 1999 01	16.20707	07 08 15.71	+34 23 47.1	18.6	704
1999 BO ₁₉	1999 01	19.20280	07 18 51.51	+23 56 27.6	18.1	704	1999 BB ₂₀	1999 01	16.22903	07 08 14.27	+34 23 48.5	19.2	704
1999 BO ₁₉	1999 01	19.24735	07 18 48.74	+23 56 20.4	19.5	704	1999 BB ₂₀	1999 01	16.25112	07 08 12.58	+34 23 51.4	19.7	704
1999 BO ₁₉	1999 01	19.26964	07 18 47.38	+23 56 15.9	18.9	704	1999 BB ₂₀	1999 01	16.27303	07 08 11.01	+34 23 53.0	19.7	704
1999 BO ₁₉	1999 01	19.29178	07 18 45.94	+23 56 12.5	19.6	704	1999 BB ₂₀	1999 01	19.20004	07 04 50.73	+34 26 40.5	18.6	704
1999 BP ₁₉	* 1999 01	16.20575	07 22 03.06	+23 58 32.5	18.0	704	1999 BB ₂₀	1999 01	19.22233	07 04 49.23	+34 26 40.5	18.6	704
1999 BP ₁₉	1999 01	16.22772	07 22 01.66	+23 58 42.1	18.7	704	1999 BB ₂₀	1999 01	19.24460	07 04 47.79	+34 26 41.5	19.7	704
1999 BP ₁₉	1999 01	16.24980	07 22 00.27	+23 58 51.1		704	1999 BC ₂₀	* 1999 01	16.20736	07 07 35.98	+36 38 45.2	18.2	704
1999 BP ₁₉	1999 01	16.27171	07 21 58.91	+23 59 00.4		704	1999 BC ₂₀	1999 01	16.22932	07 07 34.22	+36 38 40.4	20.0	704
1999 BP ₁₉	1999 01	16.29365	07 21 57.35	+23 59 08.1	19.5	704	1999 BC ₂₀	1999 01	16.25141	07 07 32.67	+36 38 32.9		704
1999 BP ₁₉	1999 01	19.22522	07 19 01.86	+24 19 04.3	18.6	704	1999 BC ₂₀	1999 01	16.27331	07 07 31.05	+36 38 27.7	19.5	704
1999 BP ₁₉	1999 01	19.24735	07 19 00.45	+24 19 15.4	19.1	704	1999 BC ₂₀	1999 01	19.22248	07 04 02.41	+36 23 50.9	18.9	704
1999 BP ₁₉	1999 01	19.26964	07 18 59.10	+24 19 23.7		704	1999 BC ₂₀	1999 01	19.24475	07 04 00.88	+36 23 44.7	19.7	704
1999 BP ₁₉	1999 01	19.29178	07 18 57.85	+24 19 30.6	19.5	704	1999 BC ₂₀	1999 01	19.26704	07 03 59.23	+36 23 38.1	19.1	704
1999 BQ ₁₉	* 1999 01	16.20589	07 17 56.96	+25 29 51.7	18.1	704	1999 BC ₂₀	1999 01	19.28917	07 03 57.71	+36 23 30.2	19.2	704
1999 BQ ₁₉	1999 01	16.22786	07 17 55.38	+25 29 58.9	18.4	704	1999 BD ₂₀	* 1999 01	16.20736	07 09 38.19	+36 41 34.0	19.4	704
1999 BQ ₁₉	1999 01	16.24995	07 17 53.71	+25 30 04.1	18.5	704	1999 BD ₂₀	1999 01	16.22932	07 09 36.68	+36 41 33.6	19.2	704
1999 BQ ₁₉	1999 01	16.27186	07 17 52.02	+25 30 11.7	18.9	704	1999 BD ₂₀	1999 01	16.25141	07 09 35.18	+36 41 32.9	19.0	704
1999 BQ ₁₉	1999 01	19.20207	07 14 20.15	+25 43 23.4	18.0	704	1999 BD ₂₀	1999 01	16.29525	07 09 32.05	+36 41 33.6	20.1	704
1999 BQ ₁₉	1999 01	19.22449	07 14 18.53	+25 43 29.9	18.9	704	1999 BD ₂₀	1999 01	19.22320	07 06 15.91	+36 40 51.0	20.1	704
1999 BQ ₁₉	1999 01	19.24662	07 14 16.83	+25 43 36.4	18.5	704	1999 BD ₂₀	1999 01	19.24533	07 06 14.64	+36 40 52.1	20.3	704
1999 BQ ₁₉	1999 01	19.26892	07 14 15.15	+25 43 42.2	18.6	704	199						

1999 BJ ₂₀	1999 01	19.19393	07 05 41.39	+41 51 10.7	18.8	704	1999 BV ₂₀	1999 01	19.26964	07 23 54.30	+23 29 48.3	18.7	704
1999 BJ ₂₀	1999 01	19.21621	07 05 39.75	+41 51 05.8	18.4	704	1999 BV ₂₀	1999 01	19.29178	07 23 52.69	+23 29 45.9	19.4	704
1999 BJ ₂₀	1999 01	19.23848	07 05 38.14	+41 51 00.6	19.1	704	1999 BW ₂₀	* 1999 01	16.21026	07 28 54.99	+23 29 00.2	18.0	704
1999 BJ ₂₀	1999 01	19.26071	07 05 36.51	+41 50 52.9	19.1	704	1999 BW ₂₀	1999 01	16.23222	07 28 53.69	+23 29 02.6		704
1999 BJ ₂₀	1999 01	19.28293	07 05 34.88	+41 50 48.7	19.2	704	1999 BW ₂₀	1999 01	16.25430	07 28 52.40	+23 29 05.2		704
1999 BK ₂₀	* 1999 01	16.20838	07 20 08.40	+39 33 36.8	18.3	704	1999 BW ₂₀	1999 01	16.27622	07 28 51.12	+23 29 07.0	18.4	704
1999 BK ₂₀	1999 01	16.23034	07 20 06.57	+39 33 36.0	18.3	704	1999 BW ₂₀	1999 01	16.29812	07 28 49.87	+23 29 07.6	19.5	704
1999 BK ₂₀	1999 01	16.25243	07 20 04.70	+39 33 36.9	18.9	704	1999 BW ₂₀	1999 01	19.20309	07 26 04.66	+23 33 23.7		704
1999 BK ₂₀	1999 01	16.27435	07 20 02.95	+39 33 37.2	18.8	704	1999 BW ₂₀	1999 01	19.22551	07 26 03.35	+23 33 25.9	18.5	704
1999 BK ₂₀	1999 01	19.20505	07 16 13.72	+39 31 53.9	18.3	704	1999 BW ₂₀	1999 01	19.24764	07 26 02.10	+23 33 29.1	19.0	704
1999 BK ₂₀	1999 01	19.22741	07 16 11.92	+39 31 52.4	18.1	704	1999 BW ₂₀	1999 01	19.26993	07 26 00.78	+23 33 30.6	18.6	704
1999 BK ₂₀	1999 01	19.24966	07 16 10.27	+39 31 49.7	19.6	704	1999 BW ₂₀	1999 01	19.29207	07 25 59.47	+23 33 32.0	18.9	704
1999 BK ₂₀	1999 01	19.27183	07 16 08.39	+39 31 50.6	18.1	704	1999 BX ₂₀	* 1999 01	16.21026	07 29 26.78	+23 36 08.2	18.0	704
1999 BK ₂₀	1999 01	19.29397	07 16 06.39	+39 31 46.9	19.1	704	1999 BX ₂₀	1999 01	16.23222	07 29 25.31	+23 36 14.6		704
1999 BL ₂₀	* 1999 01	16.20838	07 20 28.35	+39 29 00.8	17.9	704	1999 BX ₂₀	1999 01	16.25430	07 29 23.73	+23 36 23.8	18.3	704
1999 BL ₂₀	1999 01	16.23034	07 20 26.54	+39 28 59.7		704	1999 BX ₂₀	1999 01	16.27622	07 29 22.30	+23 36 28.0		704
1999 BL ₂₀	1999 01	16.25243	07 20 24.75	+39 28 59.7	18.5	704	1999 BX ₂₀	1999 01	19.20309	07 26 09.37	+23 50 49.1	18.3	704
1999 BL ₂₀	1999 01	16.27435	07 20 22.94	+39 28 59.1	18.3	704	1999 BX ₂₀	1999 01	19.22551	07 26 07.84	+23 50 57.3	19.7	704
1999 BL ₂₀	1999 01	16.29625	07 20 21.04	+39 28 57.4	19.6	704	1999 BX ₂₀	1999 01	19.24764	07 26 06.36	+23 51 01.5	18.8	704
1999 BL ₂₀	1999 01	19.20505	07 16 34.39	+39 25 23.2	17.8	704	1999 BX ₂₀	1999 01	19.26993	07 26 04.93	+23 51 09.0	19.1	704
1999 BL ₂₀	1999 01	19.22741	07 16 32.55	+39 25 21.0		704	1999 BX ₂₀	1999 01	19.29207	07 26 03.42	+23 51 15.5	18.8	704
1999 BL ₂₀	1999 01	19.24966	07 16 30.87	+39 25 20.4	19.2	704	1999 BY ₂₀	* 1999 01	16.21026	07 30 08.98	+24 08 28.7	18.0	704
1999 BL ₂₀	1999 01	19.27183	07 16 29.01	+39 25 17.1		704	1999 BY ₂₀	1999 01	16.23222	07 30 07.35	+24 08 24.8		704
1999 BL ₂₀	1999 01	19.29397	07 16 27.12	+39 25 14.0	18.3	704	1999 BY ₂₀	1999 01	16.25430	07 30 05.76	+24 08 20.3	18.6	704
1999 BM ₂₀	* 1999 01	16.20866	07 20 04.11	+36 33 50.9	18.1	704	1999 BY ₂₀	1999 01	16.27622	07 30 04.13	+24 08 16.4	19.5	704
1999 BM ₂₀	1999 01	16.23063	07 20 02.40	+36 33 55.3	18.7	704	1999 BY ₂₀	1999 01	19.20309	07 26 37.72	+23 58 20.6	18.8	704
1999 BM ₂₀	1999 01	16.25271	07 20 00.63	+36 34 00.3	18.6	704	1999 BY ₂₀	1999 01	19.22551	07 26 36.03	+23 58 16.5	19.2	704
1999 BM ₂₀	1999 01	16.27464	07 19 58.96	+36 34 04.9	18.7	704	1999 BY ₂₀	1999 01	19.24764	07 26 34.51	+23 58 09.8	20.3	704
1999 BM ₂₀	1999 01	19.20477	07 16 24.37	+36 42 16.2	18.1	704	1999 BY ₂₀	1999 01	19.26993	07 26 32.89	+23 58 07.7	19.2	704
1999 BM ₂₀	1999 01	19.22712	07 16 22.69	+36 42 19.1	17.9	704	1999 BZ ₂₀	* 1999 01	16.21026	07 30 29.79	+23 25 24.1	18.2	704
1999 BM ₂₀	1999 01	19.24937	07 16 20.93	+36 42 23.7	19.5	704	1999 BZ ₂₀	1999 01	16.23222	07 30 28.43	+23 25 30.2	18.5	704
1999 BM ₂₀	1999 01	19.27154	07 16 19.35	+36 42 24.3	19.3	704	1999 BZ ₂₀	1999 01	16.25430	07 30 26.97	+23 25 39.1	18.9	704
1999 BM ₂₀	1999 01	19.29368	07 16 17.72	+36 42 28.8	19.0	704	1999 BZ ₂₀	1999 01	16.27622	07 30 25.79	+23 25 43.9	19.6	704
1999 BN ₂₀	* 1999 01	16.20866	07 21 08.07	+37 02 27.1	19.2	704	1999 BZ ₂₀	1999 01	19.20309	07 27 31.90	+23 41 15.3	18.3	704
1999 BN ₂₀	1999 01	16.23063	07 21 06.94	+37 02 28.2	19.5	704	1999 BZ ₂₀	1999 01	19.22551	07 27 30.47	+23 41 22.5	18.8	704
1999 BN ₂₀	1999 01	16.25271	07 21 05.81	+37 02 28.3	19.5	704	1999 BZ ₂₀	1999 01	19.24764	07 27 29.20	+23 41 30.4	19.6	704
1999 BN ₂₀	1999 01	16.27464	07 21 04.49	+37 02 28.4	20.0	704	1999 BZ ₂₀	1999 01	19.26993	07 27 27.79	+23 41 36.5	18.6	704
1999 BN ₂₀	1999 01	19.20477	07 18 27.77	+37 03 18.7	19.1	704	1999 BZ ₂₀	1999 01	19.29207	07 27 26.33	+23 41 44.3	19.4	704
1999 BN ₂₀	1999 01	19.22712	07 18 26.47	+37 03 19.0	19.5	704	1999 BA ₂₁	* 1999 01	16.21026	07 30 41.12	+23 36 05.9	18.9	704
1999 BN ₂₀	1999 01	19.27154	07 18 24.20	+37 03 19.5	19.3	704	1999 BA ₂₁	1999 01	16.23222	07 30 39.80	+23 36 11.3	18.7	704
1999 BO ₂₀	* 1999 01	16.20866	07 21 26.45	+37 09 26.6	18.8	704	1999 BA ₂₁	1999 01	16.25430	07 30 38.44	+23 36 16.8	18.9	704
1999 BO ₂₀	1999 01	16.23063	07 21 24.91	+37 09 18.5	18.7	704	1999 BA ₂₁	1999 01	16.27622	07 30 37.19	+23 36 21.4	19.3	704
1999 BO ₂₀	1999 01	16.25271	07 21 23.30	+37 09 13.3	18.9	704	1999 BA ₂₁	1999 01	19.20309	07 27 45.37	+23 47 22.2	18.3	704
1999 BO ₂₀	1999 01	16.27464	07 21 21.66	+37 09 06.8	19.5	704	1999 BA ₂₁	1999 01	19.22551	07 27 43.95	+23 47 27.0	19.2	704
1999 BO ₂₀	1999 01	19.20477	07 17 59.34	+36 54 58.8	19.3	704	1999 BA ₂₁	1999 01	19.24764	07 27 42.72	+23 47 33.3	19.9	704
1999 BO ₂₀	1999 01	19.22712	07 17 57.75	+36 54 51.6	18.7	704	1999 BA ₂₁	1999 01	19.26993	07 27 41.27	+23 47 40.5	19.3	704
1999 BO ₂₀	1999 01	19.24937	07 17 56.37	+36 54 46.1	20.1	704	1999 BB ₂₁	* 1999 01	16.21040	07 21 58.83	+22 48 11.3	18.7	704
1999 BO ₂₀	1999 01	19.27154	07 17 54.71	+36 54 38.7	18.6	704	1999 BB ₂₁	1999 01	16.23236	07 21 57.26	+22 48 09.0	19.1	704
1999 BP ₂₀	* 1999 01	16.20882	07 13 04.69	+36 28 06.0	18.9	704	1999 BB ₂₁	1999 01	16.25445	07 21 55.71	+22 48 08.8	19.3	704
1999 BP ₂₀	1999 01	16.23078	07 13 03.02	+36 27 56.5		704	1999 BB ₂₁	1999 01	16.27636	07 21 54.12	+22 48 05.0	19.7	704
1999 BP ₂₀	1999 01	16.25286	07 13 01.18	+36 27 46.6	18.3	704	1999 BB ₂₁	1999 01	19.20266	07 18 36.50	+22 43 10.1	18.4	704
1999 BP ₂₀	1999 01	16.27479	07 12 59.57	+36 27 37.8	18.7	704	1999 BB ₂₁	1999 01	19.22508	07 18 34.86	+22 43 06.0	18.8	704
1999 BP ₂₀	1999 01	19.20092	07 09 22.92	+36 05 13.3		704	1999 BB ₂₁	1999 01	19.24721	07 18 33.44	+22 43 04.8	19.7	704
1999 BP ₂₀	1999 01	19.22334	07 09 21.23	+36 05 03.3	18.5	704	1999 BB ₂₁	1999 01	19.26950	07 18 31.90	+22 43 02.1	18.7	704
1999 BP ₂₀	1999 01	19.24548	07 09 19.54	+36 04 52.4	18.7	704	1999 BC ₂₁	* 1999 01	16.21055	07 30 47.61	+22 05 40.6	17.9	704
1999 BP ₂₀	1999 01	19.26776	07 09 17.84	+36 04 41.8	18.6	704	1999 BC ₂₁	1999 01	16.25459	07 30 44.55	+22 05 42.8		704
1999 BP ₂₀	1999 01	19.28990	07 09 16.28	+36 04 31.0	18.6	704	1999 BC ₂₁	1999 01	16.27651	07 30 43.13	+22 05 42.9		704
1999 BQ ₂₀	* 1999 01	16.20896	07 15 01.67	+35 15 40.5	18.0	704	1999 BC ₂₁	1999 01	16.29842	07 30 41.60	+22 05 43.4	19.2	704
1999 BQ ₂₀	1999 01	16.23092	07 15 00.32	+35 15 52.0		704	1999 BC ₂₁	1999 01	19.20294	07 27 36.79	+22 06 12.0	18.3	704
1999 BQ ₂₀	1999 01	16.25301	07 14 58.94	+35 16 05.5		704	1999 BC ₂₁	1999 01	19.22536	07 27 35.26	+22 06 12.1	18.6	704
1999 BQ ₂₀	1999 01	16.27493	07 14 57.45	+35 16 15.8	18.6	704	1999 BC ₂₁	1999 01	19.24750	07 27 33.88	+22 06 12.7	19.1	704
1999 BQ ₂₀	1999 01	19.20092	07 11 59.46	+35 42 57.8		704	1999 BC ₂₁	1999 01	19.26978	07 27 32.36	+22 06 12.4	18.3	704
1999 BQ ₂₀	1999 01	19.22334	07 11 58.07	+35 43 10.3		704	1999 BC ₂₁	1999 01	19.29192	07 27 30.83	+22 06 15.1	19.4	704
1999 BQ ₂₀	1999 01	19.24548	07 11 56.70	+35 43 22.0	18.4	704	1999 BD ₂₁	* 1999 01	16.21055	07 31 08.25	+23 05 43.3	17.9	704
1999 BQ ₂₀	1999 01	19.26776	07 11 55.27	+35 43 33.1		704	1999 BD ₂₁	1999 01	16.23251	07 31 06.83	+23 05 56.0		704
1999 BR ₂₀	* 1999 01	16.20896	07 15 52.54	+35 04 54.4	19.0	704	1999 BD ₂₁	1999 01	16.25459	07 31 05.49	+23 06 09.3		704
1999 BR ₂₀	1999 01	16.23092	07 15 50.87	+35 04 52.0		704	1999 BD ₂₁	1999 01	16.27651	07 31			

1999 BJ ₂₁	1999 01	16.25156	07 12 10.62	+37 27 11.6	704	1999 BV ₂₁	1999 01	18.14439	06 09 43.34	+17 19 00.4	18.5	704	
1999 BJ ₂₁	1999 01	16.27346	07 12 09.01	+37 27 08.4	19.3	704	1999 BV ₂₁	1999 01	18.16673	06 09 42.35	+17 19 09.5	18.1	704
1999 BJ ₂₁	1999 01	19.20078	07 08 41.85	+37 18 25.1	18.5	704	1999 BV ₂₁	1999 01	18.18868	06 09 41.32	+17 19 15.1	18.2	704
1999 BJ ₂₁	1999 01	19.22320	07 08 40.24	+37 18 21.0	18.8	704	1999 BV ₂₁	1999 01	20.09577	06 08 22.95	+17 28 27.6	18.3	704
1999 BJ ₂₁	1999 01	19.24533	07 08 38.67	+37 18 16.7	19.0	704	1999 BV ₂₁	1999 01	20.13948	06 08 21.14	+17 28 42.2	18.6	704
1999 BJ ₂₁	1999 01	19.26762	07 08 36.98	+37 18 12.5	18.6	704	1999 BV ₂₁	1999 01	20.16183	06 08 20.17	+17 28 48.8	18.5	704
1999 BK ₂₁	* 1999 01	16.23063	07 25 14.17	+37 13 00.5	18.1	704	1999 BV ₂₁	1999 01	20.18374	06 08 19.25	+17 28 55.2	18.5	704
1999 BK ₂₁	1999 01	16.25271	07 25 12.90	+37 13 04.6	704	1999 BW ₂₁	* 1999 01	18.10305	06 14 06.61	+10 26 48.9	18.0	704	
1999 BK ₂₁	1999 01	16.27464	07 25 11.53	+37 13 08.6	18.3	704	1999 BW ₂₁	1999 01	18.12502	06 14 05.70	+10 26 55.8	18.3	704
1999 BK ₂₁	1999 01	16.29654	07 25 10.27	+37 13 12.9	19.3	704	1999 BW ₂₁	1999 01	18.14710	06 14 04.81	+10 26 58.6	18.1	704
1999 BK ₂₁	1999 01	19.20549	07 22 18.28	+37 21 59.1	704	1999 BW ₂₁	1999 01	18.16933	06 14 03.96	+10 27 03.2	18.1	704	
1999 BK ₂₁	1999 01	19.22785	07 22 16.97	+37 22 03.1	704	1999 BW ₂₁	1999 01	20.09489	06 12 55.19	+10 33 51.6	17.9	704	
1999 BK ₂₁	1999 01	19.25010	07 22 15.62	+37 22 07.5	18.0	704	1999 BW ₂₁	1999 01	20.11678	06 12 54.38	+10 33 57.8	19.3	704
1999 BK ₂₁	1999 01	19.27226	07 22 14.23	+37 22 10.2	704	1999 BW ₂₁	1999 01	20.16095	06 12 52.83	+10 34 10.2	18.3	704	
1999 BK ₂₁	1999 01	19.29440	07 22 12.88	+37 22 14.6	18.4	704	1999 BX ₂₁	* 1999 01	18.10495	06 22 59.82	+20 20 48.1	17.8	704
1999 BL ₂₁	* 1999 01	16.30254	07 38 42.96	+23 19 20.6	17.1	704	1999 BX ₂₁	1999 01	18.12692	06 22 58.64	+20 21 01.8	17.9	704
1999 BL ₂₁	1999 01	16.32465	07 38 41.61	+23 19 23.7	16.0	704	1999 BX ₂₁	1999 01	18.14901	06 22 57.69	+20 21 15.0	17.5	704
1999 BL ₂₁	1999 01	16.34665	07 38 40.00	+23 19 25.1	704	1999 BX ₂₁	1999 01	18.17122	06 22 56.52	+20 21 26.8	18.1	704	
1999 BL ₂₁	1999 01	19.20707	07 35 33.74	+23 22 47.8	17.2	704	1999 BX ₂₁	1999 01	18.19353	06 22 55.46	+20 21 38.5	17.6	704
1999 BL ₂₁	1999 01	19.22943	07 35 32.31	+23 22 49.3	704	1999 BX ₂₁	1999 01	20.09678	06 21 32.49	+20 38 58.1	18.4	704	
1999 BL ₂₁	1999 01	19.25168	07 35 30.62	+23 22 51.1	17.8	704	1999 BX ₂₁	1999 01	20.11868	06 21 31.51	+20 39 10.1	18.0	704
1999 BL ₂₁	1999 01	19.27385	07 35 29.16	+23 22 52.3	704	1999 BX ₂₁	1999 01	20.14049	06 21 30.48	+20 39 21.7	17.7	704	
1999 BL ₂₁	1999 01	19.29598	07 35 27.72	+23 22 54.2	17.8	704	1999 BY ₂₁	* 1999 01	18.11556	05 50 15.86	+14 06 52.0	17.4	704
1999 BM ₂₁	* 1999 01	16.31316	08 02 13.15	+28 43 50.4	17.0	704	1999 BY ₂₁	1999 01	18.13755	05 50 15.07	+14 06 58.8	17.1	704
1999 BM ₂₁	1999 01	16.33523	08 02 11.66	+28 43 59.8	704	1999 BY ₂₁	1999 01	18.15987	05 50 14.09	+14 07 04.8	16.9	704	
1999 BM ₂₁	1999 01	16.37918	08 02 08.82	+28 44 18.2	17.6	704	1999 BY ₂₁	1999 01	18.18184	05 50 13.23	+14 07 10.0	16.9	704
1999 BM ₂₁	1999 01	19.30490	07 58 54.86	+29 04 17.5	17.5	704	1999 BY ₂₁	1999 01	20.10959	05 49 04.10	+14 15 54.7	16.8	704
1999 BM ₂₁	1999 01	19.32710	07 58 53.45	+29 04 26.7	18.5	704	1999 BY ₂₁	1999 01	20.13148	05 49 03.35	+14 16 00.8	16.8	704
1999 BM ₂₁	1999 01	19.37140	07 58 50.33	+29 04 44.0	704	1999 BY ₂₁	1999 01	20.15385	05 49 02.45	+14 16 06.2	16.4	704	
1999 BM ₂₁	1999 01	19.39345	07 58 48.84	+29 04 52.5	704	1999 BY ₂₁	1999 01	20.17575	05 49 01.65	+14 16 13.1	16.4	704	
1999 BN ₂₁	* 1999 01	16.31578	08 12 09.43	+27 34 46.6	16.7	704	1999 BZ ₂₁	* 1999 01	18.11718	06 08 45.45	+26 02 09.2	17.8	704
1999 BN ₂₁	1999 01	16.33794	08 12 07.74	+27 34 51.1	704	1999 BZ ₂₁	1999 01	18.13916	06 08 44.39	+26 02 10.2	17.8	704	
1999 BN ₂₁	1999 01	16.38180	08 12 04.62	+27 34 56.6	17.7	704	1999 BZ ₂₁	1999 01	18.16149	06 08 43.21	+26 02 05.9	18.5	704
1999 BN ₂₁	1999 01	16.40374	08 12 02.95	+27 35 01.4	17.4	704	1999 BZ ₂₁	1999 01	19.09308	06 08 03.95	+26 00 38.5	18.2	704
1999 BN ₂₁	1999 01	19.31160	08 08 38.60	+27 41 18.1	17.0	704	1999 BZ ₂₁	1999 01	19.11509	06 08 03.08	+26 00 38.7	18.2	704
1999 BN ₂₁	1999 01	19.33386	08 08 36.84	+27 41 22.1	704	1999 BZ ₂₁	1999 01	19.15900	06 08 01.26	+26 00 34.6	18.0	704	
1999 BN ₂₁	1999 01	19.35589	08 08 35.24	+27 41 27.2	17.0	704	1999 BZ ₂₁	1999 01	19.18095	06 08 00.21	+26 00 30.7	18.0	704
1999 BN ₂₁	1999 01	19.37807	08 08 33.64	+27 41 28.3	704	1999 BA ₂₂	* 1999 01	18.19396	06 19 51.83	+16 26 09.4	17.9	704	
1999 BN ₂₁	1999 01	19.40010	08 08 32.03	+27 41 30.2	15.6	704	1999 BA ₂₂	1999 01	18.21596	06 19 50.68	+16 26 09.4	18.3	704
1999 BO ₂₁	* 1999 01	18.08719	05 34 05.09	+20 51 49.2	17.9	704	1999 BA ₂₂	1999 01	18.23811	06 19 49.43	+16 26 09.2	17.7	704
1999 BO ₂₁	1999 01	18.10918	05 34 04.13	+20 51 50.4	17.9	704	1999 BA ₂₂	1999 01	18.26082	06 19 48.18	+16 26 07.2	18.0	704
1999 BO ₂₁	1999 01	18.13116	05 34 03.36	+20 51 48.6	18.4	704	1999 BA ₂₂	1999 01	20.09562	06 18 15.29	+16 24 35.0	17.8	704
1999 BO ₂₁	1999 01	18.15323	05 34 02.53	+20 51 47.0	18.4	704	1999 BA ₂₂	1999 01	20.13933	06 18 13.09	+16 24 34.1	18.4	704
1999 BO ₂₁	1999 01	23.08134	05 31 24.98	+20 48 40.9	18.7	704	1999 BA ₂₂	1999 01	20.16168	06 18 11.88	+16 24 31.4	19.1	704
1999 BO ₂₁	1999 01	23.10337	05 31 24.66	+20 48 41.5	18.7	704	1999 BA ₂₂	1999 01	20.18359	06 18 10.80	+16 24 30.9	19.1	704
1999 BO ₂₁	1999 01	23.14704	05 31 23.06	+20 48 39.5	19.2	704	1999 BB ₂₂	* 1999 01	18.19411	06 24 38.38	+15 44 24.0	17.5	704
1999 BO ₂₁	1999 01	23.16879	05 31 22.40	+20 48 39.6	19.2	704	1999 BB ₂₂	1999 01	18.21610	06 24 37.30	+15 44 25.6	17.5	704
1999 BO ₂₁	1999 01	23.19143	05 31 21.81	+20 48 37.7	18.5	704	1999 BB ₂₂	1999 01	18.23825	06 24 36.15	+15 44 26.0	704	
1999 BO ₂₁	1999 01	23.23516	05 31 20.62	+20 48 36.4	19.4	704	1999 BB ₂₂	1999 01	18.26096	06 24 35.01	+15 44 27.0	704	
1999 BO ₂₁	1999 01	23.25691	05 31 19.87	+20 48 36.9	19.2	704	1999 BB ₂₂	1999 01	18.28303	06 24 33.77	+15 44 28.3	17.9	704
1999 BO ₂₁	1999 01	23.27864	05 31 19.22	+20 48 34.6	19.2	704	1999 BB ₂₂	1999 01	20.10012	06 23 08.29	+15 46 03.9	16.8	704
1999 BP ₂₁	* 1999 01	18.08777	05 36 54.74	+20 31 20.7	18.0	704	1999 BB ₂₂	1999 01	20.12201	06 23 07.29	+15 46 04.2	16.8	704
1999 BP ₂₁	1999 01	18.10976	05 36 54.03	+20 31 20.9	18.0	704	1999 BB ₂₂	1999 01	20.14382	06 23 06.21	+15 46 06.3	16.5	704
1999 BP ₂₁	1999 01	18.13174	05 36 53.29	+20 31 21.1	18.8	704	1999 BB ₂₂	1999 01	20.16621	06 23 05.16	+15 46 07.1	16.5	704
1999 BP ₂₁	1999 01	18.15402	05 36 52.49	+20 31 21.3	18.7	704	1999 BB ₂₂	1999 01	20.18807	06 23 04.07	+15 46 09.1	16.8	704
1999 BP ₂₁	1999 01	18.17602	05 36 51.64	+20 31 21.5	18.7	704	1999 BC ₂₂	* 1999 01	18.19561	06 32 24.05	+17 24 48.1	18.1	704
1999 BP ₂₁	1999 01	23.19143	05 34 37.33	+20 33 32.1	18.1	704	1999 BC ₂₂	1999 01	18.23987	06 32 21.86	+17 24 57.5	17.5	704
1999 BP ₂₁	1999 01	23.21320	05 34 36.91	+20 33 32.2	18.1	704	1999 BC ₂₂	1999 01	18.26247	06 32 20.78	+17 25 02.3	17.5	704
1999 BP ₂₁	1999 01	23.23516	05 34 36.45	+20 33 31.1	19.0	704	1999 BC ₂₂	1999 01	18.28454	06 32 19.57	+17 25 06.4	18.8	704
1999 BP ₂₁	1999 01	23.25691	05 34 35.73	+20 33 33.7	19.0	704	1999 BC ₂₂	1999 01	20.21136	06 30 49.14	+17 31 00.2	17.8	704
1999 BP ₂₁	1999 01	23.27864	05 34 35.23	+20 33 35.9	19.3	704	1999 BC ₂₂	1999 01	20.25518	06 30 47.07	+17 31 09.6	17.1	704
1999 BQ ₂₁	* 1999 01	18.09593	05 54 17.98	+18 37 03.3	17.8	704	1999 BC ₂₂	1999 01	20.27774	06 30 45.98	+17 31 14.3	17.4	704
1999 BQ ₂₁	1999 01	18.11791	05 54 17.02	+18 36 58.9	17.4	704	1999 BD ₂₂	* 1999 01	18.19576	06 28 02.56	+16 11 21.1	17.5	704
1999 BQ ₂₁	1999 01	18.13990	05 54 16.05	+18 36 54.3	17.4	704	1999 BD ₂₂	1999 01	18.24001	06 28 00.39	+16 11 23.2	17.3	704
1999 BQ ₂₁	1999 01	18.16223	05 54 14.97	+18 36 50.3	17.9	704	1999 BD ₂₂	1999 01	18.26261	06 27 59.41	+16 11 24.5	17.3	704
1999 BQ ₂₁	1999 01	20.10902	05 52 47.97	+18 31 05.8	16.4	704	1999 BD ₂₂	1999 01	18.28469	06 27 58.30	+16 11 25.4	18.0	704
1999 BQ ₂₁	1999 01	20.13090	05 52 46.99	+18 31 01.4	16.4	704	1999 BD ₂₂	1999 01	20.10026	06 26 42.86	+16 12 21.7	17.8	70

1999 BJ ₂₂	* 1999 01	18.19979	06 36 17.63	+05 25 56.8	18.7	704	1999 BW ₂₂	1999 01	18.23240	07 00 54.43	+14 04 45.8	704
1999 BJ ₂₂	1999 01	18.22190	06 36 16.44	+05 26 00.7	18.5	704	1999 BW ₂₂	1999 01	18.25514	07 00 53.03	+14 04 51.2	17.0
1999 BJ ₂₂	1999 01	18.26664	06 36 14.35	+05 26 11.4	18.8	704	1999 BW ₂₂	1999 01	18.27719	07 00 51.85	+14 04 58.9	17.4
1999 BJ ₂₂	1999 01	18.28873	06 36 12.93	+05 26 17.4	19.8	704	1999 BW ₂₂	1999 01	18.29916	07 00 50.47	+14 05 04.2	17.4
1999 BJ ₂₂	1999 01	20.19144	06 34 44.43	+05 34 48.6	19.1	704	1999 BW ₂₂	1999 01	20.21889	06 59 07.03	+14 13 07.7	17.5
1999 BJ ₂₂	1999 01	20.23519	06 34 42.52	+05 35 02.6	18.5	704	1999 BW ₂₂	1999 01	20.24091	06 59 05.87	+14 13 12.9	704
1999 BJ ₂₂	1999 01	20.25705	06 34 41.42	+05 35 07.3	17.9	704	1999 BW ₂₂	1999 01	20.26270	06 59 04.77	+14 13 19.2	704
1999 BK ₂₂	* 1999 01	18.20087	06 36 46.81	+13 41 03.1	17.3	704	1999 BW ₂₂	1999 01	20.28528	06 59 03.51	+14 13 24.8	704
1999 BK ₂₂	1999 01	18.22292	06 36 45.64	+13 40 59.2	17.3	704	1999 BX ₂₂	* 1999 01	18.21146	07 12 52.85	+19 38 45.3	17.5
1999 BK ₂₂	1999 01	18.24574	06 36 44.48	+13 40 55.5	17.4	704	1999 BX ₂₂	1999 01	18.23358	07 12 51.60	+19 38 58.5	16.7
1999 BK ₂₂	1999 01	18.26766	06 36 43.27	+13 40 54.8	17.6	704	1999 BX ₂₂	1999 01	18.25631	07 12 50.26	+19 39 11.7	17.4
1999 BK ₂₂	1999 01	18.28975	06 36 42.01	+13 40 50.5	18.3	704	1999 BX ₂₂	1999 01	20.22472	07 11 02.07	+19 57 51.5	17.2
1999 BK ₂₂	1999 01	20.19002	06 35 08.99	+13 36 21.3	18.3	704	1999 BX ₂₂	1999 01	20.24672	07 11 00.79	+19 58 05.1	704
1999 BK ₂₂	1999 01	20.21179	06 35 07.87	+13 36 18.1	17.8	704	1999 BX ₂₂	1999 01	20.26854	07 10 59.40	+19 58 15.8	17.6
1999 BK ₂₂	1999 01	20.23377	06 35 06.82	+13 36 15.3	17.8	704	1999 BX ₂₂	1999 01	20.29113	07 10 58.29	+19 58 28.5	18.0
1999 BK ₂₂	1999 01	20.25562	06 35 05.70	+13 36 12.4	17.6	704	1999 BY ₂₂	* 1999 01	18.21161	07 05 40.85	+18 34 41.4	18.2
1999 BK ₂₂	1999 01	20.27818	06 35 04.55	+13 36 10.3	17.4	704	1999 BY ₂₂	1999 01	18.23373	07 05 39.57	+18 34 43.6	16.7
1999 BL ₂₂	* 1999 01	18.20161	06 34 12.65	+20 10 21.8	16.5	704	1999 BY ₂₂	1999 01	18.25645	07 05 38.02	+18 34 48.5	17.7
1999 BL ₂₂	1999 01	18.22365	06 34 11.56	+20 10 21.9	16.5	704	1999 BY ₂₂	1999 01	18.27851	07 05 36.74	+18 34 48.9	17.4
1999 BL ₂₂	1999 01	18.24648	06 34 10.29	+20 10 23.5	17.4	704	1999 BY ₂₂	1999 01	20.19871	07 03 45.73	+18 38 50.9	18.1
1999 BL ₂₂	1999 01	18.26840	06 34 09.31	+20 10 26.9	18.2	704	1999 BY ₂₂	1999 01	20.22049	07 03 44.55	+18 38 51.2	17.5
1999 BL ₂₂	1999 01	20.18929	06 32 37.90	+20 11 53.0	17.7	704	1999 BY ₂₂	1999 01	20.24251	07 03 43.18	+18 38 55.2	704
1999 BL ₂₂	1999 01	20.21107	06 32 36.96	+20 11 55.7	17.5	704	1999 BY ₂₂	1999 01	20.26432	07 03 41.91	+18 38 56.3	17.8
1999 BL ₂₂	1999 01	20.23305	06 32 35.85	+20 11 56.0	17.5	704	1999 BZ ₂₂	* 1999 01	18.21175	07 12 51.26	+17 51 22.8	16.5
1999 BL ₂₂	1999 01	20.25489	06 32 34.77	+20 11 57.5	17.1	704	1999 BZ ₂₂	1999 01	18.23387	07 12 50.52	+17 51 24.5	16.5
1999 BL ₂₂	1999 01	20.27745	06 32 33.65	+20 11 57.7	17.3	704	1999 BZ ₂₂	1999 01	18.25659	07 12 49.73	+17 51 24.8	16.8
1999 BM ₂₂	* 1999 01	18.20175	06 38 52.24	+21 33 20.7	17.4	704	1999 BZ ₂₂	1999 01	18.27865	07 12 48.94	+17 51 24.9	17.4
1999 BM ₂₂	1999 01	18.22380	06 38 50.95	+21 33 29.9	17.3	704	1999 BZ ₂₂	1999 01	18.30070	07 12 48.12	+17 51 26.3	17.4
1999 BM ₂₂	1999 01	18.24662	06 38 49.67	+21 33 41.4	17.3	704	1999 BZ ₂₂	1999 01	20.22559	07 11 43.84	+17 52 44.7	17.1
1999 BM ₂₂	1999 01	18.26854	06 38 48.71	+21 33 51.6	17.8	704	1999 BZ ₂₂	1999 01	20.24745	07 11 42.87	+17 52 47.9	16.5
1999 BM ₂₂	1999 01	20.19334	06 37 11.01	+21 48 23.8	17.4	704	1999 BZ ₂₂	1999 01	20.26926	07 11 42.30	+17 52 48.0	16.4
1999 BM ₂₂	1999 01	20.21513	06 37 10.07	+21 48 35.5	17.0	704	1999 BZ ₂₂	1999 01	20.29186	07 11 41.58	+17 52 48.2	16.4
1999 BM ₂₂	1999 01	20.23709	06 37 08.96	+21 48 46.1	17.3	704	1999 BA ₂₃	* 1999 01	18.21492	07 14 10.38	+14 23 52.1	17.6
1999 BM ₂₂	1999 01	20.25895	06 37 07.73	+21 48 55.1	17.3	704	1999 BA ₂₃	1999 01	18.23706	07 14 08.92	+14 23 59.0	704
1999 BN ₂₂	* 1999 01	18.20234	06 42 24.99	+20 21 13.7	17.7	704	1999 BA ₂₃	1999 01	18.25977	07 14 07.41	+14 24 05.8	704
1999 BN ₂₂	1999 01	18.22444	06 42 23.87	+20 21 13.9	17.7	704	1999 BA ₂₃	1999 01	18.30387	07 14 04.56	+14 24 17.4	17.4
1999 BN ₂₂	1999 01	18.24720	06 42 22.59	+20 21 14.0	17.7	704	1999 BA ₂₃	1999 01	20.20218	07 12 08.62	+14 32 34.4	18.7
1999 BN ₂₂	1999 01	18.26912	06 42 21.43	+20 21 12.0	17.3	704	1999 BA ₂₃	1999 01	20.22398	07 12 07.23	+14 32 40.2	18.5
1999 BN ₂₂	1999 01	20.19393	06 40 43.49	+20 20 25.0	17.3	704	1999 BA ₂₃	1999 01	20.24599	07 12 05.83	+14 32 45.6	17.8
1999 BN ₂₂	1999 01	20.21571	06 40 42.53	+20 20 21.9	17.3	704	1999 BA ₂₃	1999 01	20.26780	07 12 04.44	+14 32 52.2	17.8
1999 BN ₂₂	1999 01	20.23767	06 40 41.27	+20 20 23.9	17.3	704	1999 BB ₂₃	* 1999 01	18.21536	07 15 56.19	+17 26 33.1	18.2
1999 BN ₂₂	1999 01	20.25953	06 40 40.18	+20 20 22.6	17.3	704	1999 BB ₂₃	1999 01	18.23750	07 15 54.78	+17 26 31.2	17.4
1999 BN ₂₂	1999 01	20.28209	06 40 38.95	+20 20 22.1	17.7	704	1999 BB ₂₃	1999 01	18.26021	07 15 53.31	+17 26 27.6	18.3
1999 BO ₂₂	* 1999 01	18.20248	06 42 53.59	+18 52 49.8	17.9	704	1999 BB ₂₃	1999 01	18.28229	07 15 51.98	+17 26 26.6	18.3
1999 BO ₂₂	1999 01	18.22458	06 42 52.34	+18 52 54.7	17.4	704	1999 BB ₂₃	1999 01	20.22559	07 13 58.21	+17 23 28.3	17.1
1999 BO ₂₂	1999 01	18.24735	06 42 51.40	+18 53 03.1	17.4	704	1999 BB ₂₃	1999 01	20.24745	07 13 56.85	+17 23 26.6	16.7
1999 BO ₂₂	1999 01	18.26927	06 42 50.29	+18 53 08.7	17.3	704	1999 BB ₂₃	1999 01	20.26926	07 13 55.50	+17 23 24.3	16.6
1999 BO ₂₂	1999 01	20.19305	06 41 22.34	+19 02 16.7	16.9	704	1999 BB ₂₃	1999 01	20.29186	07 13 54.13	+17 23 21.7	17.2
1999 BO ₂₂	1999 01	20.21483	06 41 21.38	+19 02 23.2	704		1999 BC ₂₃	* 1999 01	18.21536	07 17 25.34	+17 39 19.6	17.4
1999 BO ₂₂	1999 01	20.23679	06 41 20.27	+19 02 29.5	17.2	704	1999 BC ₂₃	1999 01	18.23750	07 17 24.14	+17 39 24.0	16.7
1999 BO ₂₂	1999 01	20.25866	06 41 19.38	+19 02 35.9	17.2	704	1999 BC ₂₃	1999 01	18.26021	07 17 22.70	+17 39 29.2	16.7
1999 BO ₂₂	1999 01	20.28122	06 41 18.34	+19 02 42.0	17.6	704	1999 BC ₂₃	1999 01	18.28229	07 17 21.40	+17 39 34.4	17.1
1999 BP ₂₂	* 1999 01	18.20305	06 45 50.98	+13 46 12.8	16.6	704	1999 BC ₂₃	1999 01	18.30432	07 17 20.19	+17 39 39.5	16.7
1999 BP ₂₂	1999 01	18.22516	06 45 50.01	+13 46 21.0	16.6	704	1999 BC ₂₃	1999 01	20.20725	07 15 35.60	+17 47 15.5	704
1999 BP ₂₂	1999 01	18.24792	06 45 48.84	+13 46 26.7	16.8	704	1999 BC ₂₃	1999 01	20.22920	07 15 34.35	+17 47 20.8	704
1999 BP ₂₂	1999 01	18.26985	06 45 47.92	+13 46 35.9	17.4	704	1999 BC ₂₃	1999 01	20.25106	07 15 33.09	+17 47 26.0	704
1999 BP ₂₂	1999 01	20.21424	06 44 19.12	+13 56 51.7	17.1	704	1999 BC ₂₃	1999 01	20.27358	07 15 31.85	+17 47 32.1	704
1999 BP ₂₂	1999 01	20.23621	06 44 18.02	+13 56 59.8	704		1999 BC ₂₃	1999 01	20.29549	07 15 30.54	+17 47 37.0	18.3
1999 BP ₂₂	1999 01	20.25807	06 44 17.18	+13 57 05.7	17.9	704	1999 BD ₂₃	* 1999 01	18.21803	06 33 19.70	+15 18 44.9	18.6
1999 BP ₂₂	1999 01	20.28062	06 44 16.09	+13 57 14.9	18.3	704	1999 BD ₂₃	1999 01	18.26276	06 33 16.90	+15 18 59.0	18.6
1999 BQ ₂₂	* 1999 01	18.20420	06 40 29.18	+03 47 24.6	19.3	704	1999 BD ₂₃	1999 01	18.28484	06 33 15.62	+15 19 03.8	18.7
1999 BQ ₂₂	1999 01	18.22630	06 40 27.92	+03 47 36.8	18.3	704	1999 BD ₂₃	1999 01	20.18987	06 31 33.59	+15 28 11.6	18.6
1999 BQ ₂₂	1999 01	18.24906	06 40 26.69	+03 47 47.5	18.9	704	1999 BD ₂₃	1999 01	20.23363	06 31 31.10	+15 28 25.5	17.8
1999 BQ ₂₂	1999 01	18.27099	06 40 25.70	+03 47 59.7	18.6	704	1999 BD ₂₃	1999 01	20.25547	06 31 29.86	+15 28 30.2	18.9
1999 BQ ₂₂	1999 01	20.23961	06 38 51.82	+04 05 37.0	17.2	704	1999 BD ₂₃	1999 01	20.27803	06 31 28.60	+15 28 39.4	18.8
1999 BQ ₂₂	1999 01	20.26139	06 38 50.70	+04 05 50.3	17.3	704	1999 BE ₂₃	* 1999 01	18.21931	06 11 21.12	+06 04 33.7	19.1
1999 BQ ₂₂	1999 01	20.28396	06 38 49.68	+04 06 00.1	17.9	704	1999 BE ₂₃	1999 01	18.24146	06 11 20.05	+06 04 38.1	18.9
1999 BR ₂₂	* 1999 01	18.20449	06 46 51.97	+05 22 13.0	17.9	704	1999 BE ₂₃	1999 01	18.28614	06 11 18.08	+06 04 47.1	18.9
1999 BR ₂₂	1999 01	18.22659	06 46 51.05	+05 22 24.4	17.8	704	1999 BE ₂₃	1999 01	20.09445	06 09 58.73	+06 10 30.9	18.4
1999 BR ₂₂	1999 01	18.24935	06 46 50.0									

1999 BK ₂₃	1999 01	20.20593	07 12 41.19	+06 36 41.6	17.6	704	1999 BX ₂₃	* 1999 01	18.30648	07 19 23.66	+08 13 26.1	17.8	704
1999 BK ₂₃	1999 01	20.22789	07 12 40.16	+06 36 49.2		704	1999 BX ₂₃	1999 01	18.32850	07 19 22.44	+08 13 21.7	17.5	704
1999 BK ₂₃	1999 01	20.24975	07 12 39.10	+06 36 56.5		704	1999 BX ₂₃	1999 01	18.35215	07 19 21.01	+08 13 16.5	17.7	704
1999 BK ₂₃	1999 01	20.27206	07 12 38.08	+06 37 05.1		704	1999 BX ₂₃	1999 01	18.37433	07 19 19.69	+08 13 13.1	18.5	704
1999 BK ₂₃	1999 01	20.29416	07 12 36.98	+06 37 12.3	18.7	704	1999 BX ₂₃	1999 01	18.39637	07 19 18.45	+08 13 08.8	18.5	704
1999 BL ₂₃	* 1999 01	18.23633	07 14 27.89	+08 18 21.4	16.6	704	1999 BX ₂₃	1999 01	20.23139	07 17 33.21	+08 07 28.9	17.8	704
1999 BL ₂₃	1999 01	18.25904	07 14 26.70	+08 18 21.5	17.3	704	1999 BX ₂₃	1999 01	20.25324	07 17 32.04	+08 07 25.2	17.8	704
1999 BL ₂₃	1999 01	18.28112	07 14 25.58	+08 18 22.3	17.4	704	1999 BX ₂₃	1999 01	20.27579	07 17 30.79	+08 07 20.5	19.2	704
1999 BL ₂₃	1999 01	18.30314	07 14 24.38	+08 18 21.6	18.1	704	1999 BY ₂₃	* 1999 01	18.30677	07 18 13.66	+06 01 57.9	17.6	704
1999 BL ₂₃	1999 01	20.20608	07 12 51.26	+08 18 17.0	18.4	704	1999 BY ₂₃	1999 01	18.32878	07 18 12.60	+06 01 56.9	17.9	704
1999 BL ₂₃	1999 01	20.22803	07 12 50.11	+08 18 15.5	18.0	704	1999 BY ₂₃	1999 01	18.35244	07 18 11.68	+06 01 56.9	17.9	704
1999 BL ₂₃	1999 01	20.24990	07 12 49.10	+08 18 14.8	17.8	704	1999 BY ₂₃	1999 01	18.37462	07 18 10.64	+06 01 55.2	17.9	704
1999 BL ₂₃	1999 01	20.27221	07 12 47.98	+08 18 15.2	17.8	704	1999 BY ₂₃	1999 01	20.20971	07 16 50.77	+06 00 41.7	17.7	704
1999 BL ₂₃	1999 01	20.29431	07 12 46.85	+08 18 15.6	18.4	704	1999 BY ₂₃	1999 01	20.23168	07 16 49.73	+06 00 40.5		704
1999 BM ₂₃	* 1999 01	18.23648	07 17 46.10	+09 19 04.2	16.6	704	1999 BY ₂₃	1999 01	20.25353	07 16 48.88	+06 00 40.1		704
1999 BM ₂₃	1999 01	18.25918	07 17 44.77	+09 19 08.7	17.1	704	1999 BY ₂₃	1999 01	20.27608	07 16 47.76	+06 00 41.9	19.0	704
1999 BM ₂₃	1999 01	18.28126	07 17 43.34	+09 19 10.7	16.8	704	1999 BZ ₂₃	* 1999 01	18.30851	07 27 03.08	+14 23 38.4	18.3	704
1999 BM ₂₃	1999 01	18.30329	07 17 41.96	+09 19 14.7	16.8	704	1999 BZ ₂₃	1999 01	18.33054	07 27 01.55	+14 23 38.5	18.6	704
1999 BM ₂₃	1999 01	20.20623	07 15 48.93	+09 24 23.9	18.0	704	1999 BZ ₂₃	1999 01	18.35417	07 27 00.13	+14 23 38.6	18.5	704
1999 BM ₂₃	1999 01	20.22818	07 15 47.79	+09 24 26.1		704	1999 BZ ₂₃	1999 01	18.37635	07 26 58.64	+14 23 36.4	19.0	704
1999 BM ₂₃	1999 01	20.25004	07 15 46.25	+09 24 31.2	18.2	704	1999 BZ ₂₃	1999 01	18.39839	07 26 57.23	+14 23 34.3	18.7	704
1999 BM ₂₃	1999 01	20.27236	07 15 44.94	+09 24 34.4		704	1999 BZ ₂₃	1999 01	20.20681	07 25 03.87	+14 21 33.5		704
1999 BN ₂₃	1999 01	20.29446	07 15 43.65	+09 24 37.8	18.5	704	1999 BZ ₂₃	1999 01	20.22876	07 25 02.47	+14 21 33.0	18.1	704
1999 BN ₂₃	* 1999 01	18.23663	07 14 23.98	+10 11 59.6	17.2	704	1999 BZ ₂₃	1999 01	20.25062	07 25 01.09	+14 21 31.5		704
1999 BN ₂₃	1999 01	18.25933	07 14 22.91	+10 12 08.3	17.9	704	1999 BZ ₂₃	1999 01	20.27314	07 24 59.65	+14 21 30.2		704
1999 BN ₂₃	1999 01	18.28141	07 14 21.78	+10 12 13.3	18.1	704	1999 BZ ₂₃	1999 01	20.29504	07 24 58.22	+14 21 29.7	19.6	704
1999 BN ₂₃	1999 01	18.30344	07 14 20.64	+10 12 22.3	17.6	704	1999 BA ₂₄	* 1999 01	18.30866	07 30 34.44	+15 21 16.6	17.8	704
1999 BN ₂₃	1999 01	20.22645	07 12 48.63	+10 22 46.0	17.7	704	1999 BA ₂₄	1999 01	18.33069	07 30 33.35	+15 21 18.1	18.9	704
1999 BN ₂₃	1999 01	20.24831	07 12 47.42	+10 22 51.6	16.9	704	1999 BA ₂₄	1999 01	18.35432	07 30 31.95	+15 21 16.1	18.3	704
1999 BN ₂₃	1999 01	20.27062	07 12 46.39	+10 22 59.4	16.9	704	1999 BA ₂₄	1999 01	18.37650	07 30 31.01	+15 21 15.1	19.1	704
1999 BO ₂₃	* 1999 01	18.25904	07 16 06.96	+08 08 21.7	17.6	704	1999 BA ₂₄	1999 01	20.20856	07 28 53.32	+15 21 17.7	18.3	704
1999 BO ₂₃	1999 01	18.28112	07 16 05.74	+08 08 35.4	18.0	704	1999 BA ₂₄	1999 01	20.23054	07 28 52.23	+15 21 17.7	18.0	704
1999 BO ₂₃	1999 01	18.30314	07 16 04.24	+08 08 44.9	17.8	704	1999 BA ₂₄	1999 01	20.25238	07 28 50.86	+15 21 18.8	18.6	704
1999 BO ₂₃	1999 01	20.20608	07 14 17.71	+08 24 33.4		704	1999 BA ₂₄	1999 01	20.29683	07 28 48.54	+15 21 18.4	18.3	704
1999 BO ₂₃	1999 01	20.22803	07 14 16.46	+08 24 44.6	18.0	704	1999 BB ₂₄	* 1999 01	18.30881	07 26 42.32	+16 09 21.4	18.7	704
1999 BO ₂₃	1999 01	20.24990	07 14 15.21	+08 24 55.9		704	1999 BB ₂₄	1999 01	18.33083	07 26 40.86	+16 09 25.1	19.3	704
1999 BO ₂₃	1999 01	20.27221	07 14 13.84	+08 25 07.1	17.9	704	1999 BB ₂₄	1999 01	18.35446	07 26 39.30	+16 09 32.1	18.8	704
1999 BO ₂₃	1999 01	20.29431	07 14 12.62	+08 25 19.3	18.3	704	1999 BB ₂₄	1999 01	18.39869	07 26 36.18	+16 09 39.5	19.2	704
1999 BP ₂₃	* 1999 01	18.30461	07 15 36.08	+19 53 24.1	18.2	704	1999 BB ₂₄	1999 01	20.20710	07 24 40.48	+16 15 38.5	18.4	704
1999 BP ₂₃	1999 01	18.34926	07 15 32.96	+19 53 33.3	17.8	704	1999 BB ₂₄	1999 01	20.22905	07 24 39.10	+16 15 42.9	17.9	704
1999 BP ₂₃	1999 01	18.37246	07 15 31.37	+19 53 38.4	18.6	704	1999 BB ₂₄	1999 01	20.25091	07 24 37.66	+16 15 47.7		704
1999 BP ₂₃	1999 01	20.22472	07 13 31.63	+20 00 02.0	16.6	704	1999 BB ₂₄	1999 01	20.27343	07 24 36.15	+16 15 52.0	17.9	704
1999 BP ₂₃	1999 01	20.24672	07 13 30.17	+20 00 07.0		704	1999 BC ₂₄	* 1999 01	18.30896	07 29 39.65	+17 56 45.6	17.7	704
1999 BP ₂₃	1999 01	20.26854	07 13 28.68	+20 00 11.6	17.0	704	1999 BC ₂₄	1999 01	18.33098	07 29 38.09	+17 56 45.8	18.3	704
1999 BP ₂₃	1999 01	20.29113	07 13 27.13	+20 00 16.6	18.2	704	1999 BC ₂₄	1999 01	18.35461	07 29 36.51	+17 56 45.9	18.1	704
1999 BQ ₂₃	* 1999 01	18.30505	07 23 34.30	+19 31 33.3	18.1	704	1999 BC ₂₄	1999 01	18.37679	07 29 34.93	+17 56 46.1	18.4	704
1999 BQ ₂₃	1999 01	18.32705	07 23 32.76	+19 31 33.4	18.2	704	1999 BC ₂₄	1999 01	18.39884	07 29 33.20	+17 56 46.3	19.5	704
1999 BQ ₂₃	1999 01	18.34969	07 23 31.15	+19 31 33.3	17.5	704	1999 BC ₂₄	1999 01	20.20827	07 27 35.26	+17 56 55.8	18.5	704
1999 BQ ₂₃	1999 01	18.37290	07 23 29.51	+19 31 34.0	18.5	704	1999 BC ₂₄	1999 01	20.23025	07 27 33.80	+17 56 55.5	18.1	704
1999 BQ ₂₃	1999 01	20.20754	07 21 21.68	+19 31 08.9	18.6	704	1999 BC ₂₄	1999 01	20.25209	07 27 32.31	+17 56 55.9		704
1999 BQ ₂₃	1999 01	20.22952	07 21 20.06	+19 31 08.4	18.5	704	1999 BC ₂₄	1999 01	20.29654	07 27 29.21	+17 56 56.1	18.8	704
1999 BQ ₂₃	1999 01	20.25137	07 21 18.51	+19 31 07.6	18.2	704	1999 BD ₂₄	* 1999 01	18.30911	07 30 47.03	+19 09 39.6	17.6	704
1999 BQ ₂₃	1999 01	20.27388	07 21 16.92	+19 31 07.1	18.6	704	1999 BD ₂₄	1999 01	18.33113	07 30 45.67	+19 09 46.4	18.2	704
1999 BR ₂₃	* 1999 01	18.30576	07 21 07.30	+14 34 06.6	18.3	704	1999 BD ₂₄	1999 01	18.35476	07 30 43.93	+19 09 54.4	17.8	704
1999 BR ₂₃	1999 01	18.32778	07 21 05.98	+14 34 09.3	18.6	704	1999 BD ₂₄	1999 01	18.37694	07 30 42.44	+19 10 01.8	18.1	704
1999 BR ₂₃	1999 01	18.35041	07 21 04.35	+14 34 11.3	17.6	704	1999 BD ₂₄	1999 01	18.39899	07 30 40.84	+19 10 08.3	18.6	704
1999 BR ₂₃	1999 01	18.37362	07 21 02.90	+14 34 11.4	18.9	704	1999 BD ₂₄	1999 01	20.20812	07 28 40.61	+19 20 27.7	18.0	704
1999 BR ₂₃	1999 01	20.20695	07 19 05.91	+14 36 07.2	18.7	704	1999 BD ₂₄	1999 01	20.23010	07 28 39.09	+19 20 35.5		704
1999 BR ₂₃	1999 01	20.22891	07 19 04.36	+14 36 07.5	18.3	704	1999 BD ₂₄	1999 01	20.25195	07 28 37.77	+19 20 43.0	18.6	704
1999 BR ₂₃	1999 01	20.25076	07 19 02.98	+14 36 09.7	18.5	704	1999 BD ₂₄	1999 01	20.27446	07 28 36.02	+19 20 50.1	19.5	704
1999 BR ₂₃	1999 01	20.27329	07 19 01.37	+14 36 12.1	17.7	704	1999 BD ₂₄	1999 01	20.29639	07 28 34.57	+19 20 57.6	18.0	704
1999 BS ₂₃	* 1999 01	18.30576	07 23 01.23	+14 08 15.4	17.4	704	1999 BE ₂₄	* 1999 01	18.31009	07 28 14.32	+20 53 08.1	17.5	704
1999 BS ₂₃	1999 01	18.32778	07 22 59.73	+14 08 21.3		704	1999 BE ₂₄	1999 01	18.33211	07 28 12.75	+20 53 07.6	17.8	704
1999 BS ₂₃	1999 01	18.35041	07 22 58.33	+14 08 26.1	17.2	704	1999 BE ₂₄	1999 01	18.35577	07 28 11.24	+20 53 05.4	18.1	704
1999 BS ₂₃	1999 01	18.37362	07 22 56.74	+14 08 33.8	17.9	704	1999 BE ₂₄	1999 01	18.37793	07 28 09.63	+20 53 06.1	17.9	704
1999 BS ₂₃	1999 01	18.39556	07 22 55.38	+14 08 40.1	18.7	704	1999 BE ₂₄	1999 01	20.20784	07 26 11.45	+20 52 39.4	18.0	704
1999 BS ₂₃	1999 01	20.20681	07 21 02.82	+14 17 04.6		704	1999 BE ₂₄	1999 01	20.				

1999 BK ₂₄	1999 01	18.38268	07 45 05.17	+18 40 01.3	18.6	704	1999 BW ₂₄	1999 01	20.35489	08 02 11.57	+08 01 53.1	20.5	704
1999 BK ₂₄	1999 01	18.40472	07 45 03.77	+18 40 06.4	18.7	704	1999 BW ₂₄	1999 01	20.40024	08 02 08.56	+08 02 00.6	19.8	704
1999 BK ₂₄	1999 01	20.30421	07 43 10.62	+18 43 44.8	17.7	704	1999 BX ₂₄	* 1999 01	18.32311	08 11 21.81	+10 54 22.5	17.0	704
1999 BK ₂₄	1999 01	20.32631	07 43 09.29	+18 43 47.2		704	1999 BX ₂₄	1999 01	18.34577	08 11 20.40	+10 54 20.1	17.5	704
1999 BK ₂₄	1999 01	20.37079	07 43 06.55	+18 43 49.9	19.4	704	1999 BX ₂₄	1999 01	18.36897	08 11 18.96	+10 54 18.5	17.4	704
1999 BK ₂₄	1999 01	20.39373	07 43 05.02	+18 43 54.7	19.5	704	1999 BX ₂₄	1999 01	18.39091	08 11 17.65	+10 54 16.9	18.1	704
1999 BL ₂₄	* 1999 01	18.31587	07 49 33.02	+13 59 56.1	17.0	704	1999 BX ₂₄	1999 01	18.41295	08 11 16.37	+10 54 14.8	18.2	704
1999 BL ₂₄	1999 01	18.33854	07 49 31.60	+14 00 05.2	17.3	704	1999 BX ₂₄	1999 01	20.31524	08 09 24.71	+10 52 02.5		704
1999 BL ₂₄	1999 01	18.36163	07 49 30.03	+14 00 13.9	17.3	704	1999 BX ₂₄	1999 01	20.33731	08 09 23.38	+10 52 02.0		704
1999 BL ₂₄	1999 01	18.38369	07 49 28.72	+14 00 23.9	18.7	704	1999 BX ₂₄	1999 01	20.35938	08 09 21.99	+10 52 00.0	18.4	704
1999 BL ₂₄	1999 01	18.40574	07 49 27.17	+14 00 30.3	17.8	704	1999 BX ₂₄	1999 01	20.40471	08 09 19.28	+10 51 57.7	18.4	704
1999 BL ₂₄	1999 01	20.30508	07 47 31.23	+14 12 55.4	17.5	704	1999 BY ₂₄	* 1999 01	18.32326	08 10 25.56	+11 24 42.9	17.9	704
1999 BL ₂₄	1999 01	20.32717	07 47 29.86	+14 13 05.1		704	1999 BY ₂₄	1999 01	18.34592	08 10 24.01	+11 24 47.7	17.6	704
1999 BL ₂₄	1999 01	20.34923	07 47 28.31	+14 13 14.7	18.8	704	1999 BY ₂₄	1999 01	18.36911	08 10 22.48	+11 24 52.5	18.0	704
1999 BL ₂₄	1999 01	20.37165	07 47 27.08	+14 13 21.9	19.0	704	1999 BY ₂₄	1999 01	18.39106	08 10 20.82	+11 24 56.1	18.8	704
1999 BM ₂₄	* 1999 01	18.31631	07 51 49.97	+10 37 32.4	17.5	704	1999 BY ₂₄	1999 01	18.41309	08 10 19.55	+11 24 57.6	18.6	704
1999 BM ₂₄	1999 01	18.33897	07 51 48.33	+10 37 36.8	18.0	704	1999 BY ₂₄	1999 01	20.31510	08 08 14.91	+11 30 20.7		704
1999 BM ₂₄	1999 01	18.36206	07 51 46.80	+10 37 41.2	17.9	704	1999 BY ₂₄	1999 01	20.33716	08 08 13.42	+11 30 25.4	18.3	704
1999 BM ₂₄	1999 01	18.38412	07 51 45.19	+10 37 46.1	18.3	704	1999 BY ₂₄	1999 01	20.35924	08 08 11.86	+11 30 29.0	19.1	704
1999 BM ₂₄	1999 01	18.40617	07 51 43.93	+10 37 47.7	18.5	704	1999 BY ₂₄	1999 01	20.40456	08 08 08.81	+11 30 37.7	19.2	704
1999 BM ₂₄	1999 01	20.30782	07 49 40.71	+10 43 52.1	18.1	704	1999 BZ ₂₄	* 1999 01	18.32326	08 10 25.81	+11 09 52.6	17.7	704
1999 BM ₂₄	1999 01	20.32991	07 49 39.20	+10 43 56.0		704	1999 BZ ₂₄	1999 01	18.36911	08 10 23.26	+11 09 53.1	18.3	704
1999 BM ₂₄	1999 01	20.35197	07 49 37.75	+10 43 59.6	19.3	704	1999 BZ ₂₄	1999 01	18.39106	08 10 22.17	+11 09 56.8	18.3	704
1999 BN ₂₄	* 1999 01	18.31803	07 52 30.80	+06 46 42.5	17.8	704	1999 BZ ₂₄	1999 01	18.41309	08 10 20.96	+11 09 56.9	18.4	704
1999 BN ₂₄	1999 01	18.34069	07 52 29.33	+06 46 41.3	17.9	704	1999 BZ ₂₄	1999 01	20.31510	08 08 40.86	+11 11 25.4	17.9	704
1999 BN ₂₄	1999 01	18.36379	07 52 27.99	+06 46 39.0	18.3	704	1999 BZ ₂₄	1999 01	20.33716	08 08 39.67	+11 11 27.3		704
1999 BN ₂₄	1999 01	18.38584	07 52 26.67	+06 46 37.9	18.5	704	1999 BZ ₂₄	1999 01	20.35924	08 08 38.42	+11 11 29.2	18.8	704
1999 BN ₂₄	1999 01	18.40789	07 52 25.18	+06 46 34.9	18.4	704	1999 BZ ₂₄	1999 01	20.40456	08 08 36.00	+11 11 30.9	19.0	704
1999 BN ₂₄	1999 01	20.30737	07 50 32.39	+06 44 37.2	19.0	704	1999 BA ₂₅	* 1999 01	18.32326	08 12 11.60	+11 40 49.5	17.9	704
1999 BN ₂₄	1999 01	20.32947	07 50 30.84	+06 44 36.5		704	1999 BA ₂₅	1999 01	18.34592	08 12 10.06	+11 40 53.0	17.8	704
1999 BN ₂₄	1999 01	20.35153	07 50 29.51	+06 44 37.0	19.8	704	1999 BA ₂₅	1999 01	18.36911	08 12 08.53	+11 40 53.4	18.4	704
1999 BN ₂₄	1999 01	20.39689	07 50 26.77	+06 44 33.0	19.5	704	1999 BA ₂₅	1999 01	18.39106	08 12 07.26	+11 40 58.2	18.8	704
1999 BO ₂₄	* 1999 01	18.31891	07 54 13.20	+13 51 11.3	17.8	704	1999 BA ₂₅	1999 01	20.31510	08 10 06.81	+11 44 24.2		704
1999 BO ₂₄	1999 01	18.34157	07 54 11.60	+13 51 13.9	17.7	704	1999 BA ₂₅	1999 01	20.33716	08 10 05.38	+11 44 27.3	18.6	704
1999 BO ₂₄	1999 01	18.36465	07 54 10.09	+13 51 18.3	17.8	704	1999 BA ₂₅	1999 01	20.35924	08 10 03.90	+11 44 29.9	19.5	704
1999 BO ₂₄	1999 01	18.38671	07 54 08.59	+13 51 20.4	17.8	704	1999 BA ₂₅	1999 01	20.40456	08 10 00.97	+11 44 35.3	19.6	704
1999 BO ₂₄	1999 01	18.40876	07 54 06.91	+13 51 24.0	18.2	704	1999 BB ₂₅	* 1999 01	18.32326	08 12 46.06	+10 56 44.0	17.8	704
1999 BO ₂₄	1999 01	20.30508	07 52 00.68	+13 55 28.2		704	1999 BB ₂₅	1999 01	18.34592	08 12 44.43	+10 56 44.3	18.1	704
1999 BO ₂₄	1999 01	20.32717	07 51 59.14	+13 55 32.2		704	1999 BB ₂₅	1999 01	18.36911	08 12 42.85	+10 56 49.0	18.3	704
1999 BO ₂₄	1999 01	20.34923	07 51 57.65	+13 55 34.8	18.8	704	1999 BB ₂₅	1999 01	18.39106	08 12 41.26	+10 56 51.9	19.0	704
1999 BO ₂₄	1999 01	20.37165	07 51 56.19	+13 55 36.2	18.9	704	1999 BB ₂₅	1999 01	20.31510	08 10 32.71	+11 01 05.4		704
1999 BP ₂₄	* 1999 01	18.31980	08 06 35.46	+17 05 28.6	17.8	704	1999 BB ₂₅	1999 01	20.33716	08 10 31.16	+11 01 08.3		704
1999 BP ₂₄	1999 01	18.34246	08 06 33.75	+17 05 31.8	17.7	704	1999 BB ₂₅	1999 01	20.35924	08 10 29.58	+11 01 12.0	18.7	704
1999 BP ₂₄	1999 01	18.36554	08 06 32.03	+17 05 35.6	17.9	704	1999 BB ₂₅	1999 01	20.40456	08 10 26.41	+11 01 17.8	18.9	704
1999 BP ₂₄	1999 01	18.38759	08 06 30.46	+17 05 38.1	17.6	704	1999 BC ₂₅	* 1999 01	18.32341	08 06 37.55	+12 31 01.9	16.8	704
1999 BP ₂₄	1999 01	18.40964	08 06 28.89	+17 05 40.5	18.3	704	1999 BC ₂₅	1999 01	18.34606	08 06 36.35	+12 31 06.0		704
1999 BP ₂₄	1999 01	20.31379	08 04 14.83	+17 10 34.2		704	1999 BC ₂₅	1999 01	18.36926	08 06 35.08	+12 31 10.0	17.2	704
1999 BP ₂₄	1999 01	20.33586	08 04 13.14	+17 10 37.1	18.4	704	1999 BC ₂₅	1999 01	18.39120	08 06 33.93	+12 31 14.8	17.5	704
1999 BP ₂₄	1999 01	20.35793	08 04 11.49	+17 10 40.1	18.4	704	1999 BC ₂₅	1999 01	18.41324	08 06 32.77	+12 31 18.0	17.5	704
1999 BP ₂₄	1999 01	20.38129	08 04 09.88	+17 10 43.6	20.1	704	1999 BC ₂₅	1999 01	20.31320	08 04 55.13	+12 37 23.5		704
1999 BP ₂₄	1999 01	20.40326	08 04 08.21	+17 10 46.4	18.7	704	1999 BC ₂₅	1999 01	20.33527	08 04 53.80	+12 37 29.7	18.0	704
1999 BQ ₂₄	* 1999 01	18.32009	08 05 33.71	+14 52 23.2	18.6	704	1999 BC ₂₅	1999 01	20.35735	08 04 52.67	+12 37 33.3	17.9	704
1999 BQ ₂₄	1999 01	18.34274	08 05 32.46	+14 52 28.1	17.7	704	1999 BC ₂₅	1999 01	20.38070	08 04 51.49	+12 37 37.5	18.8	704
1999 BQ ₂₄	1999 01	18.38788	08 05 29.98	+14 52 42.0	18.5	704	1999 BC ₂₅	1999 01	20.40268	08 04 50.29	+12 37 41.9	17.9	704
1999 BQ ₂₄	1999 01	20.31349	08 03 44.27	+15 01 07.0	18.6	704	1999 BD ₂₅	* 1999 01	18.32385	08 08 14.75	+15 58 04.0	18.1	704
1999 BQ ₂₄	1999 01	20.33556	08 03 43.03	+15 01 12.0	19.0	704	1999 BD ₂₅	1999 01	18.34649	08 08 13.50	+15 58 13.2	18.6	704
1999 BQ ₂₄	1999 01	20.35764	08 03 41.75	+15 01 17.2	20.2	704	1999 BD ₂₅	1999 01	18.39164	08 08 10.74	+15 58 23.5	18.9	704
1999 BQ ₂₄	1999 01	20.40297	08 03 39.14	+15 01 29.3	19.4	704	1999 BD ₂₅	1999 01	20.31364	08 06 22.80	+16 08 00.1	18.5	704
1999 BR ₂₄	* 1999 01	18.32009	08 07 07.35	+15 14 36.2	18.5	704	1999 BD ₂₅	1999 01	20.33571	08 06 21.51	+16 08 07.2	18.8	704
1999 BR ₂₄	1999 01	18.34274	08 07 06.11	+15 14 41.0	18.1	704	1999 BD ₂₅	1999 01	20.35778	08 06 20.16	+16 08 13.5	19.9	704
1999 BR ₂₄	1999 01	18.36583	08 07 04.87	+15 14 45.8	18.4	704	1999 BD ₂₅	1999 01	20.40312	08 06 17.62	+16 08 26.8	19.0	704
1999 BR ₂₄	1999 01	18.38788	08 07 03.47	+15 14 50.6	18.9	704	1999 BE ₂₅	1999 01	17.22633	08 17 16.49	+16 00 41.7	17.7 V	691
1999 BR ₂₄	1999 01	20.31349	08 05 13.71	+15 22 02.5	18.6	704	1999 BE ₂₅	1999 01	17.24800	08 17 15.17	+16 00 52.6	17.5 V	691
1999 BR ₂₄	1999 01	20.33556	08 05 12.46	+15 22 09.5	19.1	704	1999 BE ₂₅	1999 01	17.26953	08 17 13.80	+16 01 02.9	17.7 V	691
1999 BR ₂₄	1999 01	20.35764	08 05 11.11	+15 22 13.0	20.1	704	1999 BE ₂₅	* 1999 01	18.32458	08 16 10.77	+16 09 38.0	18.0	704
1999 BR ₂₄	1999 01	20.40297	08 05 08.36	+15 22 25.4	19.8	704	1999 BE ₂₅	1999 01	18.34723	08 16 09.41	+16 09 47.3	17.2	704
1999 BS ₂₄	* 1999 01	18.32037	08 00 56.78	+12 40 31.3	17.2	704	1999 BE ₂₅	1999					

1999 BJ ₂₅	1999 01	20.35676	08 08 27.59	+08 25 49.1	20.0	704	1999 BX ₂₅	* 1999 01	18.43091	08 31 15.45	+12 27 45.6	18.7	704
1999 BJ ₂₅	1999 01	20.40210	08 08 24.64	+08 26 02.9	18.9	704	1999 BX ₂₅	1999 01	18.45295	08 31 14.22	+12 27 50.4	18.3	704
1999 BK ₂₅	* 1999 01	18.32574	08 11 08.55	+06 16 37.3	18.6	704	1999 BX ₂₅	1999 01	18.47508	08 31 12.83	+12 27 53.0	18.9	704
1999 BK ₂₅	1999 01	18.34838	08 11 07.20	+06 16 45.1	17.9	704	1999 BX ₂₅	1999 01	18.51933	08 31 10.17	+12 27 58.1	18.1	704
1999 BK ₂₅	1999 01	18.37158	08 11 05.95	+06 16 54.7	17.9	704	1999 BX ₂₅	1999 01	20.31932	08 29 23.20	+12 32 15.2	19.0	704
1999 BK ₂₅	1999 01	18.39352	08 11 04.96	+06 17 03.0	18.8	704	1999 BX ₂₅	1999 01	20.34137	08 29 21.69	+12 32 17.7	19.7	704
1999 BK ₂₅	1999 01	20.31567	08 09 23.00	+06 29 46.5		704	1999 BX ₂₅	1999 01	20.40876	08 29 17.57	+12 32 28.6	19.4	704
1999 BK ₂₅	1999 01	20.33774	08 09 21.81	+06 29 55.9	18.9	704	1999 BY ₂₅	* 1999 01	25.67995	09 08 44.56	+25 53 35.2	18.3	V I 385
1999 BK ₂₅	1999 01	20.35982	08 09 20.58	+06 30 04.9	19.3	704	1999 BY ₂₅	1999 01	27.70093	09 06 48.71	+25 55 00.1	17.3	V 385
1999 BL ₂₅	* 1999 01	18.34780	08 14 38.55	+12 05 38.5	18.6	704	1999 BY ₂₅	1999 01	27.71597	09 06 47.75	+25 55 01.0		385
1999 BL ₂₅	1999 01	18.37100	08 14 37.05	+12 05 44.2	18.9	704	1999 BY ₂₅	1999 01	28.68040	09 05 52.17	+25 55 36.3	17.5	V 888
1999 BL ₂₅	1999 01	18.39294	08 14 35.74	+12 05 49.0	18.6	704	1999 BY ₂₅	1999 01	28.68887	09 05 51.68	+25 55 36.2		888
1999 BL ₂₅	1999 01	20.31495	08 12 44.03	+12 14 10.4	18.8	704	1999 BZ ₂₅	* 1999 01	25.69227	08 45 12.19	+23 12 14.0	17.9	V 385
1999 BL ₂₅	1999 01	20.33702	08 12 42.64	+12 14 19.0	19.0	704	1999 BZ ₂₅	1999 01	25.69605	08 45 11.98	+23 12 14.8		385
1999 BL ₂₅	1999 01	20.35909	08 12 41.36	+12 14 23.7	19.2	704	1999 BZ ₂₅	1999 01	25.69963	08 45 11.75	+23 12 15.4		385
1999 BM ₂₅	* 1999 01	18.42757	08 20 48.38	+09 06 59.5	17.1	704	1999 BZ ₂₅	1999 01	28.72226	08 42 09.41	+23 18 11.0	18	V 888
1999 BM ₂₅	1999 01	18.44961	08 20 47.23	+09 07 09.5	17.9	704	1999 BZ ₂₅	1999 01	28.73059	08 42 08.89	+23 18 10.6		888
1999 BM ₂₅	1999 01	18.47174	08 20 45.90	+09 07 17.5	17.1	704	1999 BA ₂₆	* 1999 01	28.63201	09 11 19.81	+31 58 05.5		888
1999 BM ₂₅	1999 01	18.49397	08 20 44.60	+09 07 26.7	16.9	704	1999 BA ₂₆	1999 01	28.64669	09 11 18.93	+31 58 29.7		888
1999 BM ₂₅	1999 01	20.31975	08 19 05.51	+09 20 02.2	18.3	704	1999 BA ₂₆	1999 01	28.73830	09 11 13.58	+32 01 01.4		888
1999 BM ₂₅	1999 01	20.34180	08 19 04.26	+09 20 11.8	18.2	704	1999 BA ₂₆	1999 01	28.74486	09 11 13.18	+32 01 12.2		888
1999 BM ₂₅	1999 01	20.36413	08 19 02.94	+09 20 21.1	18.4	704	1999 BA ₂₆	1999 01	29.65174	09 10 24.04	+32 26 09.6	17	V 888
1999 BM ₂₅	1999 01	20.40919	08 19 00.38	+09 20 38.6	18.8	704	1999 BA ₂₆	1999 01	29.65768	09 10 23.69	+32 26 19.0		888
1999 BN ₂₅	* 1999 01	18.42757	08 20 59.58	+08 48 02.0	18.4	704	1999 BB ₂₆	* 1999 01	21.84232	09 06 32.98	+17 43 06.4	17.3	R 159
1999 BN ₂₅	1999 01	18.44961	08 20 58.57	+08 48 08.3	18.8	704	1999 BB ₂₆	1999 01	21.84611	09 06 32.91	+17 43 08.3	17.7	R 159
1999 BN ₂₅	1999 01	18.47174	08 20 57.46	+08 48 14.2	18.0	704	1999 BB ₂₆	1999 01	21.85231	09 06 32.72	+17 43 09.9	18.0	R 159
1999 BN ₂₅	1999 01	18.49397	08 20 56.55	+08 48 20.7	18.4	704	1999 BB ₂₆	1999 01	21.85950	09 06 32.31	+17 43 12.8	17.7	R 159
1999 BN ₂₅	1999 01	20.31975	08 19 27.78	+08 58 32.7		704	1999 BB ₂₆	1999 01	23.87344	09 04 59.32	+17 54 56.9	18.0	R 540
1999 BN ₂₅	1999 01	20.34180	08 19 26.63	+08 58 41.0	18.9	704	1999 BB ₂₆	1999 01	23.88006	09 04 59.08	+17 54 59.8		F 540
1999 BN ₂₅	1999 01	20.36413	08 19 25.54	+08 58 48.2	19.3	704	1999 BB ₂₆	1999 01	23.88656	09 04 58.73	+17 55 01.0		540
1999 BN ₂₅	1999 01	20.40919	08 19 23.17	+08 59 01.8	19.4	704	1999 BB ₂₆	1999 01	24.00770	09 04 53.03	+17 55 44.4		540
1999 BO ₂₅	* 1999 01	18.42801	08 19 56.89	+12 54 20.8	17.8	704	1999 BB ₂₆	1999 01	25.08993	09 04 02.20	+18 02 03.4	17.8	R 159
1999 BO ₂₅	1999 01	18.45005	08 19 55.61	+12 54 21.6	18.5	704	1999 BB ₂₆	1999 01	25.09203	09 04 02.16	+18 02 03.4	18.1	R 159
1999 BO ₂₅	1999 01	18.47218	08 19 54.10	+12 54 21.9	18.0	704	1999 BB ₂₆	1999 01	25.09622	09 04 01.94	+18 02 05.6	17.8	R 159
1999 BO ₂₅	1999 01	18.49440	08 19 52.65	+12 54 24.2	17.9	704	1999 BB ₂₆	1999 01	25.10124	09 04 01.68	+18 02 07.2	18.0	R 159
1999 BO ₂₅	1999 01	20.31800	08 18 01.00	+12 57 15.7	18.3	704	1999 BB ₂₆	1999 01	25.10318	09 04 01.58	+18 02 07.5	17.8	R 159
1999 BO ₂₅	1999 01	20.34006	08 17 59.55	+12 57 17.9	18.8	704	1999 BB ₂₆	1999 01	25.10632	09 04 01.44	+18 02 09.8	17.9	R 159
1999 BO ₂₅	1999 01	20.36231	08 17 58.09	+12 57 21.4	19.0	704	1999 BB ₂₆	1999 01	25.11050	09 04 01.24	+18 02 11.3	17.8	R 159
1999 BO ₂₅	1999 01	20.40745	08 17 55.31	+12 57 25.1	19.2	704	1999 BB ₂₆	1999 01	27.96351	09 01 45.86	+18 18 51.3	18.1	R 159
1999 BP ₂₅	* 1999 01	18.42831	08 23 40.85	+15 27 38.6	18.0	704	1999 BB ₂₆	1999 01	27.97233	09 01 45.33	+18 18 55.1	18.2	R 159
1999 BP ₂₅	1999 01	18.45034	08 23 39.61	+15 27 44.9	18.4	704	1999 BB ₂₆	1999 01	27.97763	09 01 45.16	+18 18 56.2	17.9	R 159
1999 BP ₂₅	1999 01	18.47247	08 23 38.36	+15 27 52.2	18.8	704	1999 BB ₂₆	1999 01	27.98412	09 01 44.75	+18 18 54.0	18.1	R 159
1999 BP ₂₅	1999 01	18.49469	08 23 37.12	+15 27 55.6	18.3	704	1999 BB ₂₆	1999 01	27.98940	09 01 44.61	+18 19 00.6	18.2	R 159
1999 BP ₂₅	1999 01	18.51671	08 23 35.87	+15 27 59.4	18.1	704	1999 BB ₂₆	1999 01	27.99476	09 01 44.46	+18 19 06.1	18.5	R 159
1999 BP ₂₅	1999 01	20.31903	08 21 55.89	+15 34 58.9		704	1999 BB ₂₆	1999 01	27.99711	09 01 44.19	+18 19 04.1	18.2	R 159
1999 BP ₂₅	1999 01	20.34108	08 21 54.61	+15 35 04.7	18.5	704	1999 BC ₂₆	* 1999 01	19.90682	09 50 26.19	+06 47 34.5	18.6	120
1999 BP ₂₅	1999 01	20.36333	08 21 53.35	+15 35 10.2	19.4	704	1999 BC ₂₆	1999 01	19.96719	09 50 23.94	+06 47 40.6		120
1999 BP ₂₅	1999 01	20.40848	08 21 50.60	+15 35 22.0	19.9	704	1999 BC ₂₆	1999 01	20.05804	09 50 20.69	+06 47 49.1		120
1999 BQ ₂₅	1999 01	17.23028	08 22 58.12	+16 06 47.6	17.9	V 691	1999 BC ₂₆	1999 01	20.06129	09 50 20.44	+06 47 48.8		120
1999 BQ ₂₅	1999 01	17.25194	08 22 56.94	+16 06 54.3	17.8	V 691	1999 BC ₂₆	1999 01	20.06432	09 50 20.49	+06 47 49.4		120
1999 BQ ₂₅	1999 01	17.27348	08 22 55.74	+16 07 00.6	17.8	V 691	1999 BC ₂₆	1999 01	20.07123	09 49 48.15	+06 49 21.5	18.8	120
1999 BQ ₂₅	* 1999 01	18.42845	08 21 53.87	+16 12 46.5	18.6	704	1999 BC ₂₆	1999 01	21.00391	09 49 47.05	+06 49 23.2		120
1999 BQ ₂₅	1999 01	18.47261	08 21 51.37	+16 12 58.8	18.3	704	1999 BC ₂₆	1999 01	26.00058	09 46 33.98	+06 59 38.9		120
1999 BQ ₂₅	1999 01	18.49483	08 21 50.12	+16 13 05.3	18.3	704	1999 BC ₂₆	1999 01	26.02219	09 46 33.01	+06 59 41.3		120
1999 BQ ₂₅	1999 01	18.51686	08 21 48.86	+16 13 10.1	18.3	704	1999 BD ₂₆	* 1999 01	25.95038	09 36 49.30	+16 07 54.3	18.5	120
1999 BQ ₂₅	1999 01	20.31844	08 20 11.80	+16 22 20.3		704	1999 BD ₂₆	1999 01	25.97412	09 36 48.08	+16 08 05.7		120
1999 BQ ₂₅	1999 01	20.34049	08 20 10.56	+16 22 26.5	19.4	704	1999 BD ₂₆	1999 01	27.97595	09 35 07.16	+16 23 56.5	18.3	120
1999 BQ ₂₅	1999 01	20.36275	08 20 09.31	+16 22 34.6	19.2	704	1999 BD ₂₆	1999 01	27.99702	09 35 06.06	+16 24 07.6		120
1999 BQ ₂₅	1999 01	20.40789	08 20 06.80	+16 22 48.4	19.7	704	1999 BE ₂₆	* 1999 01	26.00058	09 48 10.27	+06 43 49.0	18.5	120
1999 BR ₂₅	* 1999 01	18.42904	08 29 02.44	+15 16 41.4	17.5	704	1999 BE ₂₆	1999 01	26.02219	09 48 09.35	+06 43 54.1		120
1999 BR ₂₅	1999 01	18.45107	08 29 01.07	+15 16 38.4	18.1	704	1999 BE ₂₆	1999 01	27.98176	09 46 44.89	+06 51 47.6	18.3	120
1999 BR ₂₅	1999 01	18.47320	08 28 59.62	+15 16 38.8	18.6	704	1999 BE ₂₆	1999 01	28.00197	09 46 44.07	+06 51 51.7		120
1999 BR ₂₅	1999 01	18.49542	08 28 58.35	+15 16 36.5	18.0	704	1999 BF ₂₆	* 1999 01	22.07340	10 17 16.05	+10 50 30.8	20.1	561
1999 BR ₂₅	1999 01	18.51744	08 28 56.84	+15 16 33.5	17.9	704	1999 BF ₂₆	1999 01	22.07685	10 17 15.97	+10 50 32.4		561
1999 BR ₂₅	1999 01	20.31903	08 27 03.69	+15 13 56.8		704	1999 BF ₂₆	1999 01	22.08021	10 17 15.84	+10 50 33.4		561
1999 BR ₂₅	1999 01	20.36333	08 27 00.71	+15 13 53.3	18.5	704	1999 BF ₂₆	1999 01	23.01753	10 16 40.87	+10 55 42.5	19.7	561
1999 BR ₂₅	1999 01	20.40848	08 26 57.00	+15 13 49.6	18.8	704	1999 BF ₂₆	1999 01	23.02118	10 16 40.78	+10 55 44.5		

1999 FEB. 2

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1999 BN ₂₆	1999 01	19.34575	08 29 57.85	+21 54 24.5	18.0 V	691	1999 BH ₂₇	1999 01	22.19521	08 18 09.43	+20 15 17.2	18.7 V	691
1999 BN ₂₆	1999 01	19.36928	08 29 56.22	+21 54 25.6	17.9 V	691	1999 BH ₂₇	1999 01	22.21752	08 18 08.02	+20 15 24.6	18.6 V	691
1999 BO ₂₆	* 1999 01	16.37167	08 08 05.23	+19 47 59.5	18.2 V	691	1999 BJ ₂₇	* 1999 01	16.38308	08 24 33.53	+19 43 47.9	19.8 V	691
1999 BO ₂₆	1999 01	16.39530	08 08 03.80	+19 48 07.3	18.0 V	691	1999 BJ ₂₇	1999 01	16.40671	08 24 32.12	+19 43 53.3	19.6 V	691
1999 BO ₂₆	1999 01	16.41875	08 08 02.31	+19 48 14.0	18.1 V	691	1999 BJ ₂₇	1999 01	16.43016	08 24 30.75	+19 43 59.4	19.3 V	691
1999 BO ₂₆	1999 01	19.37606	08 05 01.94	+20 03 37.6	17.9 V	691	1999 BJ ₂₇	1999 01	19.38722	08 21 39.69	+19 56 31.0	19.0 V	691
1999 BO ₂₆	1999 01	19.39986	08 05 00.45	+20 03 44.9	17.9 V	691	1999 BJ ₂₇	1999 01	19.41101	08 21 38.25	+19 56 36.8	19.1 V	691
1999 BP ₂₆	* 1999 01	16.37381	08 11 09.80	+19 41 32.0	20.4 V	691	1999 BK ₂₇	* 1999 01	16.38313	08 24 37.29	+19 44 56.5	20.0 V	691
1999 BP ₂₆	1999 01	16.39744	08 11 08.53	+19 41 39.1	21.0 V	691	1999 BK ₂₇	1999 01	16.40676	08 24 35.93	+19 45 02.4	20.2 V	691
1999 BP ₂₆	1999 01	16.42089	08 11 07.30	+19 41 46.6	20.4 V	691	1999 BK ₂₇	1999 01	16.43021	08 24 34.57	+19 45 08.5	20.2 V	691
1999 BP ₂₆	1999 01	19.37815	08 08 34.66	+19 56 54.3	20.0 V	691	1999 BK ₂₇	1999 01	19.38729	08 21 46.47	+19 57 58.8	19.7 V	691
1999 BP ₂₆	1999 01	19.40195	08 08 33.40	+19 57 01.5	20.1 V	691	1999 BK ₂₇	1999 01	19.41109	08 21 45.06	+19 58 05.0	19.5 V	691
1999 BQ ₂₆	* 1999 01	16.37448	08 12 08.46	+19 37 38.5	19.7 V	691	1999 BL ₂₇	* 1999 01	16.38333	08 24 54.51	+20 01 26.3	20.4 V	691
1999 BQ ₂₆	1999 01	16.39811	08 12 07.11	+19 37 43.6	19.9 V	691	1999 BL ₂₇	1999 01	16.40696	08 24 53.03	+20 01 31.0	20.2 V	691
1999 BQ ₂₆	1999 01	16.42156	08 12 05.72	+19 37 48.0	19.9 V	691	1999 BL ₂₇	1999 01	16.43040	08 24 51.57	+20 01 35.4	20.1 V	691
1999 BQ ₂₆	1999 01	19.37866	08 09 18.49	+19 47 25.0	19.0 V	691	1999 BL ₂₇	1999 01	22.17350	08 18 55.46	+20 19 51.8	19.5 V	691
1999 BQ ₂₆	1999 01	19.40245	08 09 17.11	+19 47 29.6	19.4 V	691	1999 BL ₂₇	1999 01	22.19573	08 18 54.02	+20 19 56.4	19.5 V	691
1999 BR ₂₆	* 1999 01	16.37467	08 12 24.29	+19 44 24.3	20.9 V	691	1999 BL ₂₇	1999 01	22.21803	08 18 52.58	+20 20 00.6	19.5 V	691
1999 BR ₂₆	1999 01	16.39830	08 12 22.93	+19 44 28.9	20.9 V	691	1999 BM ₂₇	* 1999 01	16.38425	08 26 14.56	+19 49 52.7	20.3 V	691
1999 BR ₂₆	1999 01	16.42175	08 12 21.57	+19 44 33.1	20.7 V	691	1999 BM ₂₇	1999 01	16.40788	08 26 12.99	+19 49 56.4	20.2 V	691
1999 BR ₂₆	1999 01	19.37886	08 09 35.43	+19 53 51.3	19.9 V	691	1999 BM ₂₇	1999 01	16.43133	08 26 11.38	+19 49 59.8	20.2 V	691
1999 BR ₂₆	1999 01	19.40265	08 09 33.97	+19 53 55.1	20.0 V	691	1999 BM ₂₇	1999 01	22.17415	08 19 51.96	+20 04 28.9	19.7 V	691
1999 BS ₂₆	* 1999 01	16.37564	08 13 49.01	+19 38 04.6	19.1 V	691	1999 BM ₂₇	1999 01	22.19638	08 19 50.47	+20 04 32.2	19.7 V	691
1999 BS ₂₆	1999 01	16.39927	08 13 47.62	+19 38 13.2	19.2 V	691	1999 BM ₂₇	1999 01	22.21868	08 19 48.94	+20 04 36.0	19.9 V	691
1999 BS ₂₆	1999 01	16.42272	08 13 46.25	+19 38 21.6	19.2 V	691	1999 BN ₂₇	* 1999 01	16.38860	08 32 31.54	+19 53 51.7	19.8 V	691
1999 BS ₂₆	1999 01	19.37981	08 10 58.04	+19 56 51.0	18.6 V	691	1999 BN ₂₇	1999 01	16.41223	08 32 29.93	+19 53 54.4	19.8 V	691
1999 BS ₂₆	1999 01	19.40360	08 10 56.63	+19 56 59.8	18.7 V	691	1999 BN ₂₇	1999 01	16.43568	08 32 28.32	+19 53 56.4	19.8 V	691
1999 BT ₂₆	* 1999 01	16.37650	08 15 03.33	+20 04 10.1	20.1 V	691	1999 BN ₂₇	1999 01	19.39242	08 29 10.56	+19 58 52.4	18.7 V	691
1999 BT ₂₆	1999 01	16.40013	08 15 01.73	+20 04 08.4	20.2 V	691	1999 BN ₂₇	1999 01	19.41621	08 29 08.77	+19 58 54.0	19.5 V	691
1999 BT ₂₆	1999 01	16.42358	08 15 00.11	+20 04 07.1	20.4 V	691	1999 BO ₂₇	* 1999 01	16.44538	09 49 35.93	+13 59 22.8	20.0 V	691
1999 BT ₂₆	1999 01	19.38033	08 11 43.58	+20 01 07.9	19.6 V	691	1999 BO ₂₇	1999 01	16.48015	09 49 34.75	+13 59 34.3	19.8 V	691
1999 BT ₂₆	1999 01	19.40412	08 11 41.95	+20 01 06.3	19.6 V	691	1999 BO ₂₇	1999 01	16.52034	09 49 33.38	+13 59 47.7	19.5 V	691
1999 BU ₂₆	* 1999 01	16.37711	08 15 56.00	+19 33 45.9	20.3 V	691	1999 BO ₂₇	1999 01	19.51299	09 47 50.89	+14 17 00.3	19.8 V	691
1999 BU ₂₆	1999 01	16.40074	08 15 54.66	+19 33 46.6	20.2 V	691	1999 BO ₂₇	1999 01	19.52751	09 47 50.33	+14 17 05.4	19.6 V	691
1999 BU ₂₆	1999 01	16.42419	08 15 53.22	+19 33 47.1	20.5 V	691	1999 BO ₂₇	1999 01	19.54221	09 47 49.81	+14 17 11.0	19.9 V	691
1999 BU ₂₆	1999 01	19.38129	08 13 06.36	+19 35 17.4	19.4 V	691	1999 BP ₂₇	* 1999 01	16.45092	09 57 36.13	+13 50 58.3	19.6 V	691
1999 BU ₂₆	1999 01	19.40508	08 13 05.00	+19 35 18.2	19.4 V	691	1999 BP ₂₇	1999 01	16.48569	09 57 34.80	+13 51 01.8	20.0 V	691
1999 BV ₂₆	* 1999 01	16.37726	08 16 09.19	+19 56 21.4	18.9 V	691	1999 BP ₂₇	1999 01	16.52588	09 57 33.23	+13 51 06.1	19.6 V	691
1999 BV ₂₆	1999 01	16.40089	08 16 07.63	+19 56 25.2	19.0 V	691	1999 BP ₂₇	1999 01	19.45221	09 55 36.89	+13 56 50.0	19.5 V	691
1999 BV ₂₆	1999 01	16.42434	08 16 06.10	+19 56 29.0	18.9 V	691	1999 BP ₂₇	1999 01	19.47391	09 55 35.96	+13 56 52.6	19.7 V	691
1999 BV ₂₆	1999 01	22.16737	08 10 03.86	+20 12 18.9	18.7 V	691	1999 BP ₂₇	1999 01	19.49597	09 55 35.01	+13 56 55.1	19.6 V	691
1999 BV ₂₆	1999 01	22.18959	08 10 02.41	+20 12 22.7	18.6 V	691	1999 BQ ₂₇	* 1999 01	16.45437	10 02 34.42	+14 00 02.0	20.7 V	691
1999 BV ₂₆	1999 01	22.21189	08 10 00.92	+20 12 26.6	18.5 V	691	1999 BQ ₂₇	1999 01	16.48914	10 02 33.46	+14 00 15.8	20.8 V	691
1999 BW ₂₆	* 1999 01	16.37876	08 18 19.02	+19 59 14.9	20.2 V	691	1999 BQ ₂₇	1999 01	17.52735	10 02 04.88	+14 07 06.0	20.4 V	691
1999 BW ₂₆	1999 01	16.40239	08 18 17.54	+19 59 18.6	20.3 V	691	1999 BQ ₂₇	1999 01	17.54026	10 02 04.51	+14 07 11.2	20.7 V	691
1999 BW ₂₆	1999 01	16.42584	08 18 16.06	+19 59 22.8	20.4 V	691	1999 BQ ₂₇	1999 01	17.55288	10 02 04.11	+14 07 16.2	20.5 V	691
1999 BW ₂₆	1999 01	22.16893	08 12 19.57	+20 15 48.1	19.9 V	691	1999 BR ₂₇	* 1999 01	17.15249	03 19 21.49	+18 17 29.4	20.8 V	691
1999 BW ₂₆	1999 01	22.19116	08 12 18.17	+20 15 52.4	20.6 V	691	1999 BR ₂₇	1999 01	17.17415	03 19 21.93	+18 17 26.4	20.7 V	691
1999 BW ₂₆	1999 01	22.21346	08 12 16.70	+20 15 56.2	19.9 V	691	1999 BR ₂₇	1999 01	17.19605	03 19 22.35	+18 17 25.4	20.4 V	691
1999 BX ₂₆	* 1999 01	16.37898	08 18 37.83	+19 59 39.2	20.7 V	691	1999 BR ₂₇	1999 01	23.09707	03 22 02.35	+18 11 51.8	20.8 V	691
1999 BX ₂₆	1999 01	16.40261	08 18 36.63	+19 59 44.8	20.3 V	691	1999 BR ₂₇	1999 01	23.11928	03 22 02.90	+18 11 50.8	20.7 V	691
1999 BX ₂₆	1999 01	16.42606	08 18 35.40	+19 59 49.3	20.0 V	691	1999 BR ₂₇	1999 01	23.14151	03 22 03.60	+18 11 50.2	20.6 V	691
1999 BX ₂₆	1999 01	22.16977	08 13 32.15	+20 21 06.2	19.7 V	691	1999 BS ₂₇	* 1999 01	17.15611	03 24 35.59	+18 05 16.9	20.5 V	691
1999 BX ₂₆	1999 01	22.19200	08 13 30.93	+20 21 11.4	19.9 V	691	1999 BS ₂₇	1999 01	17.17778	03 24 36.34	+18 05 15.7	20.6 V	691
1999 BX ₂₆	1999 01	22.21430	08 13 29.72	+20 21 16.7	19.8 V	691	1999 BS ₂₇	1999 01	17.19969	03 24 37.09	+18 05 15.4	20.5 V	691
1999 BY ₂₆	* 1999 01	16.37932	08 19 07.71	+19 33 12.3	20.4 V	691	1999 BS ₂₇	1999 01	23.12383	03 28 36.86	+18 03 32.3	20.7 V	691
1999 BY ₂₆	1999 01	16.40295	08 19 06.34	+19 33 16.2	20.4 V	691	1999 BS ₂₇	1999 01	23.14607	03 28 37.85	+18 03 32.4	20.1 V	691
1999 BY ₂₆	1999 01	16.42640	08 19 04.98	+19 33 20.2	20.7 V	691	1999 BT ₂₇	* 1999 01	17.15787	03 27 08.17	+18 06 31.3	20.6 V	691
1999 BY ₂₆	1999 01	19.38347	08 16 15.32	+19 41 47.4	19.9 V	691	1999 BT ₂₇	1999 01	17.17954	03 27 08.54	+18 06 32.1	20.0 V	691
1999 BY ₂₆	1999 01	19.40726	08 16 13.84	+19 41 52.6	20.2 V	691	1999 BT ₂₇	1999 01	17.20144	03 27 08.87	+18 06 31.8	20.2 V	691
1999 BZ ₂₆	* 1999 01	16.37983	08 19 51.72	+19 45 18.7	20.5 V	691	1999 BT ₂₇	1999 01	23.10221	03 29 27.17	+18 10 16.5	19.5 V	691
1999 BZ ₂₆	1999 01	16.40346	08 19 50.17	+19 45 25.5	20.6 V	691	1999 BT ₂₇	1999 01	23.12441	03 29 27.69	+18 10 17.4	19.5 V	691
1999 BZ ₂₆	1999 01	16.42691	08 19 48.68	+19 45 31.6	20.5 V	691	1999 BT ₂₇	1999 01	23.14665	03 29 28.32	+18 10 18.1	19.9 V	691
1999 BZ ₂₆	1999 01	19.38377	08 16 40.91	+19 59 29.4	20.0 V	691	1999 BU ₂₇	* 1999 01	17.16015	03 30 25.05	+18 24 02.7	21.4 V	691
1999 BZ ₂₆	1999 01	19.40756	08 16 39.35	+19 59 36.2	20.0 V	691	1999 BU ₂₇	1999 01	17.18181	03 30 25.48	+18 24 04.0	20.8 V	691
1999 BA ₂₇	* 1999 01	16.38006	08 20 11.97	+19 55 56.9	20.1 V	69							

1999 BB ₂₈	1999 01	17.27639	08 27 07.95	+16 27 59.2	21.0 V	691	1999 BT ₂₈	1999 01	23.43192	09 06 15.97	+15 22 54.4	20.0 V	691
1999 BB ₂₈	1999 01	18.20561	08 26 11.14	+16 31 06.7	20.6 V	691	1999 BT ₂₈	1999 01	23.45324	09 06 14.58	+15 22 58.2	20.1 V	691
1999 BB ₂₈	1999 01	18.22822	08 26 09.74	+16 31 11.6	20.8 V	691	1999 BU ₂₈	* 1999 01	18.28896	09 18 45.21	+15 22 02.5	20.6 V	691
1999 BB ₂₈	1999 01	18.24981	08 26 08.38	+16 31 15.8	20.9 V	691	1999 BU ₂₈	1999 01	18.31045	09 18 44.24	+15 22 04.3	20.4 V	691
1999 BC ₂₈	* 1999 01	17.23399	08 28 19.64	+16 27 14.5	21.2 V	691	1999 BU ₂₈	1999 01	18.33198	09 18 43.24	+15 22 05.9	20.2 V	691
1999 BC ₂₈	1999 01	17.25566	08 28 18.38	+16 27 18.6	21.2 V	691	1999 BU ₂₈	1999 01	23.41635	09 14 47.43	+15 29 56.2	20.0 V	691
1999 BC ₂₈	1999 01	17.27719	08 28 17.16	+16 27 22.4	20.9 V	691	1999 BU ₂₈	1999 01	23.43781	09 14 46.36	+15 29 58.3	20.1 V	691
1999 BC ₂₈	1999 01	18.20646	08 27 25.73	+16 30 18.9	20.9 V	691	1999 BU ₂₈	1999 01	23.45914	09 14 45.33	+15 30 00.0	20.0 V	691
1999 BC ₂₈	1999 01	18.22908	08 27 24.42	+16 30 23.2	20.6 V	691	1999 BV ₂₈	* 1999 01	18.28931	09 19 14.81	+15 22 56.7	19.3 V	691
1999 BC ₂₈	1999 01	18.25068	08 27 23.20	+16 30 27.6	20.8 V	691	1999 BV ₂₈	1999 01	18.31079	09 19 13.53	+15 22 55.0	19.7 V	691
1999 BD ₂₈	* 1999 01	17.23537	08 30 19.63	+16 25 42.2	20.1 V	691	1999 BV ₂₈	1999 01	18.33231	09 19 12.24	+15 22 53.6	19.7 V	691
1999 BD ₂₈	1999 01	17.25704	08 30 18.46	+16 25 55.0	20.2 V	691	1999 BV ₂₈	1999 01	23.41586	09 14 05.52	+15 17 40.8	19.5 V	691
1999 BD ₂₈	1999 01	17.27858	08 30 17.29	+16 26 07.5	20.3 V	691	1999 BV ₂₈	1999 01	23.43733	09 14 04.09	+15 17 39.4	19.5 V	691
1999 BD ₂₈	1999 01	18.20788	08 29 28.85	+16 35 12.7	19.7 V	691	1999 BV ₂₈	1999 01	23.45864	09 14 02.68	+15 17 38.2	19.2 V	691
1999 BD ₂₈	1999 01	18.23050	08 29 27.64	+16 35 26.4	20.0 V	691	1999 BW ₂₈	* 1999 01	18.28986	09 20 03.13	+15 00 24.2	21.0 V	691
1999 BD ₂₈	1999 01	18.25210	08 29 26.46	+16 35 39.2	19.9 V	691	1999 BW ₂₈	1999 01	18.31135	09 20 01.95	+15 00 30.8	20.8 V	691
1999 BE ₂₈	* 1999 01	17.23552	08 30 31.90	+16 28 01.1	18.5 V	691	1999 BW ₂₈	1999 01	18.33287	09 20 00.78	+15 00 37.7	20.7 V	691
1999 BE ₂₈	1999 01	17.25718	08 30 30.53	+16 28 10.8	18.7 V	691	1999 BW ₂₈	1999 01	23.41674	09 15 21.68	+15 28 07.5	20.4 V	691
1999 BE ₂₈	1999 01	17.27871	08 30 29.16	+16 28 20.7	18.6 V	691	1999 BW ₂₈	1999 01	23.43821	09 15 20.42	+15 28 14.6	20.6 V	691
1999 BE ₂₈	1999 01	18.20792	08 29 31.83	+16 35 25.2	18.5 V	691	1999 BW ₂₈	1999 01	23.45953	09 15 19.21	+15 28 22.0	20.3 V	691
1999 BE ₂₈	1999 01	18.23053	08 29 30.40	+16 35 35.8	18.7 V	691	1999 BX ₂₈	* 1999 01	18.29107	09 21 48.05	+15 09 12.4	20.1 V	691
1999 BE ₂₈	1999 01	18.25213	08 29 29.02	+16 35 45.8	18.6 V	691	1999 BX ₂₈	1999 01	18.31257	09 21 47.15	+15 09 17.0	20.2 V	691
1999 BF ₂₈	* 1999 01	17.29829	08 06 56.85	+22 02 33.4	19.1 V	691	1999 BX ₂₈	1999 01	18.33409	09 21 46.25	+15 09 21.9	20.1 V	691
1999 BF ₂₈	1999 01	17.30240	08 06 56.57	+22 02 33.0	19.1 V	691	1999 BX ₂₈	1999 01	23.41869	09 18 09.97	+15 28 53.1	20.2 V	691
1999 BF ₂₈	1999 01	17.30895	08 06 56.14	+22 02 33.0	19.2 V	691	1999 BX ₂₈	1999 01	23.44015	09 18 09.00	+15 28 57.7	20.2 V	691
1999 BF ₂₈	1999 01	19.30587	08 04 41.72	+22 01 31.3	19.5 V	691	1999 BX ₂₈	1999 01	23.46148	09 18 08.05	+15 29 03.6	19.9 V	691
1999 BF ₂₈	1999 01	19.32873	08 04 40.13	+22 01 30.0	19.4 V	691	1999 BY ₂₈	* 1999 01	18.29197	09 23 05.51	+15 05 06.5	20.2 V	691
1999 BF ₂₈	1999 01	19.35226	08 04 38.46	+22 01 29.4	19.1 V	691	1999 BY ₂₈	1999 01	18.31346	09 23 04.33	+15 05 11.0	20.5 V	691
1999 BG ₂₈	* 1999 01	17.29923	08 08 49.14	+22 04 37.6	19.7 V	691	1999 BY ₂₈	1999 01	18.33498	09 23 03.18	+15 05 15.9	20.3 V	691
1999 BG ₂₈	1999 01	17.30334	08 08 48.83	+22 04 38.4	19.5 V	691	1999 BY ₂₈	1999 01	23.41886	09 18 25.44	+15 24 42.3	19.6 V	691
1999 BG ₂₈	1999 01	17.30989	08 08 48.36	+22 04 39.3	19.6 V	691	1999 BY ₂₈	1999 01	23.44033	09 18 24.10	+15 24 45.9	20.0 V	691
1999 BG ₂₈	1999 01	23.38972	08 01 53.72	+22 18 44.0	19.4 V	691	1999 BY ₂₈	1999 01	23.46165	09 18 22.85	+15 24 51.0	19.9 V	691
1999 BG ₂₈	1999 01	23.39582	08 01 53.29	+22 18 45.0	19.4 V	691	1999 BZ ₂₈	* 1999 01	18.29197	09 23 05.91	+15 15 51.6	19.6 V	691
1999 BG ₂₈	1999 01	23.40232	08 01 52.84	+22 18 45.8	19.4 V	691	1999 BZ ₂₈	1999 01	18.31346	09 23 04.60	+15 15 52.0	19.6 V	691
1999 BH ₂₈	* 1999 01	17.29939	08 09 02.54	+22 02 52.3	20.5 V	691	1999 BZ ₂₈	1999 01	18.33498	09 23 03.29	+15 15 52.4	19.5 V	691
1999 BH ₂₈	1999 01	17.30349	08 09 02.36	+22 02 52.7	20.8 V	691	1999 BZ ₂₈	1999 01	23.41842	09 17 47.26	+15 18 03.3	19.5 V	691
1999 BH ₂₈	1999 01	19.30675	08 06 40.80	+22 03 15.7	21.3 V	691	1999 BZ ₂₈	1999 01	23.43989	09 17 45.84	+15 18 03.8	19.3 V	691
1999 BH ₂₈	1999 01	19.32961	08 06 39.06	+22 03 14.9	20.9 V	691	1999 BZ ₂₈	1999 01	23.46120	09 17 44.42	+15 18 04.4	19.3 V	691
1999 BH ₂₈	1999 01	19.35313	08 06 37.38	+22 03 15.7	20.6 V	691	1999 BA ₂₉	* 1999 01	18.29330	09 25 00.65	+15 06 27.4	20.8 V	691
1999 BJ ₂₈	* 1999 01	17.45043	08 36 04.24	+17 52 49.7	20.5 V	691	1999 BA ₂₉	1999 01	18.31478	09 24 59.41	+15 06 31.9	20.8 V	691
1999 BJ ₂₈	1999 01	17.47289	08 36 02.77	+17 52 55.5	20.1 V	691	1999 BA ₂₉	1999 01	18.33631	09 24 58.22	+15 06 36.6	20.7 V	691
1999 BJ ₂₈	1999 01	17.49530	08 36 01.36	+17 52 58.8	20.4 V	691	1999 BA ₂₉	1999 01	23.42008	09 20 11.06	+15 26 26.3	20.9 V	691
1999 BJ ₂₈	1999 01	22.34072	08 30 48.02	+18 10 30.8	20.5 V	691	1999 BA ₂₉	1999 01	23.44155	09 20 09.77	+15 26 31.4	21.2 V	691
1999 BJ ₂₈	1999 01	22.36284	08 30 46.55	+18 10 35.3	20.3 V	691	1999 BA ₂₉	1999 01	23.46287	09 20 08.50	+15 26 36.4	20.9 V	691
1999 BJ ₂₈	1999 01	22.38497	08 30 45.09	+18 10 40.3	20.3 V	691	1999 BB ₂₉	* 1999 01	18.29407	09 26 07.28	+15 04 07.6	19.7 V	691
1999 BK ₂₈	* 1999 01	17.45055	08 36 14.70	+17 54 30.5	19.4 V	691	1999 BB ₂₉	1999 01	18.31555	09 26 06.07	+15 04 10.4	19.8 V	691
1999 BK ₂₈	1999 01	17.47301	08 36 13.43	+17 54 42.2	19.5 V	691	1999 BB ₂₉	1999 01	18.33708	09 26 04.88	+15 04 13.3	19.6 V	691
1999 BK ₂₈	1999 01	17.49542	08 36 12.16	+17 54 54.1	19.4 V	691	1999 BB ₂₉	1999 01	23.44229	09 21 14.17	+15 16 23.2	19.5 V	691
1999 BK ₂₈	1999 01	22.40891	08 31 33.79	+18 38 27.6	19.2 V	691	1999 BB ₂₉	1999 01	23.46361	09 21 12.88	+15 16 26.4	19.2 V	691
1999 BK ₂₈	1999 01	22.43094	08 31 32.47	+18 38 39.0	19.4 V	691	1999 BC ₂₉	* 1999 01	18.29454	09 26 48.07	+15 21 47.3	18.8 V	691
1999 BK ₂₈	1999 01	22.45239	08 31 31.23	+18 38 51.1	19.8 V	691	1999 BC ₂₉	1999 01	18.31602	09 26 46.79	+15 21 44.3	18.9 V	691
1999 BL ₂₈	* 1999 01	17.45109	08 37 01.48	+17 56 52.1	19.4 V	691	1999 BC ₂₉	1999 01	18.33755	09 26 45.49	+15 21 41.8	18.9 V	691
1999 BL ₂₈	1999 01	17.47355	08 37 00.07	+17 57 00.7	19.3 V	691	1999 BC ₂₉	1999 01	23.42106	09 21 35.62	+15 11 01.3	18.6 V	691
1999 BL ₂₈	1999 01	17.49596	08 36 58.63	+17 57 09.3	19.4 V	691	1999 BC ₂₉	1999 01	23.44252	09 21 34.22	+15 10 58.6	18.6 V	691
1999 BL ₂₈	1999 01	22.34145	08 31 51.34	+18 28 32.0	19.4 V	691	1999 BC ₂₉	1999 01	23.46384	09 21 32.84	+15 10 55.9	18.6 V	691
1999 BL ₂₈	1999 01	22.36357	08 31 49.86	+18 28 40.9	19.2 V	691	1999 BD ₂₉	* 1999 01	18.29579	09 28 36.34	+15 23 20.0	19.4 V	691
1999 BL ₂₈	1999 01	22.38570	08 31 48.38	+18 28 49.4	18.9 V	691	1999 BD ₂₉	1999 01	18.31728	09 28 35.16	+15 23 16.7	19.5 V	691
1999 BM ₂₈	* 1999 01	17.45183	08 38 05.53	+17 38 47.1	20.2 V	691	1999 BD ₂₉	1999 01	18.33880	09 28 33.97	+15 23 13.5	19.5 V	691
1999 BM ₂₈	1999 01	17.47429	08 38 04.14	+17 38 54.7	20.3 V	691	1999 BD ₂₉	1999 01	23.42258	09 23 47.15	+15 11 27.3	18.7 V	691
1999 BM ₂₈	1999 01	17.49670	08 38 02.73	+17 39 02.6	19.9 V	691	1999 BD ₂₉	1999 01	23.44404	09 23 45.82	+15 11 24.5	18.7 V	691
1999 BM ₂₈	1999 01	22.34230	08 33 04.45	+18 07 28.1	20.3 V	691	1999 BD ₂₉	1999 01	23.46536	09 23 44.50	+15 11 21.4	18.5 V	691
1999 BM ₂₈	1999 01	22.36441	08 33 03.07	+18 07 36.3	20.1 V	691	1999 BE ₂₉	* 1999 01	18.29654	09 29 41.47	+15 13 23.2	19.8 V	691
1999 BM ₂₈	1999 01	22.38654	08 33 01.59	+18 07 43.3	19.8 V	691	1999 BE ₂₉	1999 01	18.31803	09 29 40.44	+15 13 27.0	19.7 V	691
1999 BN ₂₈	* 1999 01	17.51851	09 49 19.37	+14 21 17.1	20.4 V	691	1999 BE ₂₉	1999 01	18.33955	09 29 39.40	+15 13 31.2	20.1 V	691
1999 BN ₂₈	1999 01	17.53142	09 49 18.85	+14 21 20.5	20.0 V	691	1999 BE ₂₉	1999 01	23.42380	09 25 32.60	+15 29 47.9	19.8 V	691
1999 BN ₂₈	1999 01	17.54404	09 49 18.40	+14 21 24.5	20.4 V	691	19						

1999 BM ₂₉	1999 01	23.52169	09 49 20.71	+13 30 15.2	19.4 V	691	1999 BE ₃₀	1999 01	22.31763	08 11 37.31	+21 39 10.2	20.4 V	691
1999 BN ₂₉	* 1999 01	18.48330	09 53 50.19	+13 26 57.1	20.8 V	691	1999 BF ₃₀	* 1999 01	19.19269	08 14 50.22	+21 15 59.3	19.7 V	691
1999 BN ₂₉	1999 01	18.50544	09 53 49.57	+13 27 11.6	20.8 V	691	1999 BF ₃₀	1999 01	19.21508	08 14 48.68	+21 16 00.9	19.7 V	691
1999 BN ₂₉	1999 01	18.52684	09 53 48.92	+13 27 25.5	20.7 V	691	1999 BF ₃₀	1999 01	19.23702	08 14 47.14	+21 16 02.7	19.9 V	691
1999 BN ₂₉	1999 01	19.45065	09 53 22.40	+13 37 41.2	20.6 V	691	1999 BF ₃₀	1999 01	23.23342	08 10 18.72	+21 19 36.4	19.6 V	691
1999 BN ₂₉	1999 01	19.49442	09 53 21.09	+13 38 10.4	21.3 V	691	1999 BF ₃₀	1999 01	23.25600	08 10 17.13	+21 19 37.6	19.7 V	691
1999 BO ₂₉	* 1999 01	18.48389	09 54 41.36	+13 11 42.2	20.5 V	691	1999 BF ₃₀	1999 01	23.27847	08 10 15.55	+21 19 38.8	19.9 V	691
1999 BO ₂₉	1999 01	18.50603	09 54 40.54	+13 11 44.4	20.2 V	691	1999 BG ₃₀	* 1999 01	19.19293	08 15 10.61	+21 29 56.0	20.5 V	691
1999 BO ₂₉	1999 01	18.52742	09 54 39.80	+13 11 47.2	20.2 V	691	1999 BG ₃₀	1999 01	19.21531	08 15 09.37	+21 30 00.0	20.7 V	691
1999 BO ₂₉	1999 01	23.47754	09 51 33.11	+13 22 49.4	20.1 V	691	1999 BG ₃₀	1999 01	19.23726	08 15 08.16	+21 30 04.0	20.9 V	691
1999 BO ₂₉	1999 01	23.49909	09 51 32.21	+13 22 52.4	20.0 V	691	1999 BG ₃₀	1999 01	23.30251	08 11 27.46	+21 41 10.8	21.0 V	691
1999 BO ₂₉	1999 01	23.52320	09 51 31.22	+13 22 56.2	20.1 V	691	1999 BG ₃₀	1999 01	23.32486	08 11 26.24	+21 41 14.3	20.9 V	691
1999 BP ₂₉	* 1999 01	18.48669	09 58 44.40	+13 08 43.3	18.7 V	691	1999 BG ₃₀	1999 01	23.34778	08 11 24.95	+21 41 17.9	20.8 V	691
1999 BP ₂₉	1999 01	18.50883	09 58 43.68	+13 08 47.5	18.7 V	691	1999 BH ₃₀	* 1999 01	19.19337	08 15 48.98	+21 31 03.9	19.4 V	691
1999 BP ₂₉	1999 01	18.53023	09 58 42.96	+13 08 51.2	18.9 V	691	1999 BH ₃₀	1999 01	19.21576	08 15 47.65	+21 31 07.4	19.3 V	691
1999 BP ₂₉	1999 01	23.48050	09 55 49.25	+13 24 57.0	18.6 V	691	1999 BH ₃₀	1999 01	19.23770	08 15 46.31	+21 31 11.2	19.4 V	691
1999 BP ₂₉	1999 01	23.50204	09 55 48.40	+13 25 01.2	18.6 V	691	1999 BH ₃₀	1999 01	23.30271	08 11 45.22	+21 41 17.0	19.4 V	691
1999 BP ₂₉	1999 01	23.52616	09 55 47.48	+13 25 06.5	18.7 V	691	1999 BH ₃₀	1999 01	23.32507	08 11 43.87	+21 41 20.3	19.4 V	691
1999 BQ ₂₉	* 1999 01	18.48741	09 59 46.69	+13 02 20.6	20.5 V	691	1999 BH ₃₀	1999 01	23.34798	08 11 42.45	+21 41 23.6	19.4 V	691
1999 BQ ₂₉	1999 01	18.50955	09 59 45.91	+13 02 24.3	20.2 V	691	1999 BJ ₃₀	* 1999 01	19.19344	08 15 55.30	+21 25 54.4	21.2 V	691
1999 BQ ₂₉	1999 01	18.53095	09 59 45.14	+13 02 27.7	20.6 V	691	1999 BJ ₃₀	1999 01	19.21583	08 15 53.97	+21 25 58.2	20.6 V	691
1999 BQ ₂₉	1999 01	23.48111	09 56 42.53	+13 17 57.9	20.2 V	691	1999 BJ ₃₀	1999 01	19.23777	08 15 52.59	+21 26 02.3	20.8 V	691
1999 BQ ₂₉	1999 01	23.50266	09 56 41.62	+13 18 01.6	20.2 V	691	1999 BJ ₃₀	1999 01	23.30276	08 11 48.87	+21 36 56.0	20.0 V	691
1999 BQ ₂₉	1999 01	23.52677	09 56 40.61	+13 18 06.6	20.4 V	691	1999 BJ ₃₀	1999 01	23.32511	08 11 47.47	+21 37 00.5	21.0 V	691
1999 BR ₂₉	* 1999 01	18.48819	10 00 53.78	+13 18 58.7	19.6 V	691	1999 BJ ₃₀	1999 01	23.34802	08 11 46.04	+21 37 04.1	21.1 V	691
1999 BR ₂₉	1999 01	18.51032	10 00 52.72	+13 18 58.6	20.1 V	691	1999 BK ₃₀	* 1999 01	19.19355	08 16 04.23	+21 30 08.2	20.9 V	691
1999 BR ₂₉	1999 01	18.53172	10 00 51.76	+13 19 00.1	20.1 V	691	1999 BK ₃₀	1999 01	19.21593	08 16 02.95	+21 30 15.0	20.4 V	691
1999 BR ₂₉	1999 01	23.48129	09 56 57.80	+13 25 34.9	19.9 V	691	1999 BK ₃₀	1999 01	19.23788	08 16 01.61	+21 30 20.6	20.9 V	691
1999 BR ₂₉	1999 01	23.50283	09 56 56.69	+13 25 36.4	20.1 V	691	1999 BK ₃₀	1999 01	23.30293	08 12 04.25	+21 48 00.6	20.5 V	691
1999 BR ₂₉	1999 01	23.52694	09 56 55.46	+13 25 38.9	20.2 V	691	1999 BK ₃₀	1999 01	23.32529	08 12 02.92	+21 48 06.0	20.9 V	691
1999 BS ₂₉	* 1999 01	18.48837	10 01 09.54	+13 29 25.5	19.8 V	691	1999 BK ₃₀	1999 01	23.34820	08 12 01.52	+21 48 11.8	20.9 V	691
1999 BS ₂₉	1999 01	18.51051	10 01 08.72	+13 29 29.7	19.5 V	691	1999 BL ₃₀	* 1999 01	19.19373	08 16 20.24	+21 22 51.9	20.0 V	691
1999 BS ₂₉	1999 01	18.53190	10 01 07.92	+13 29 33.6	19.9 V	691	1999 BL ₃₀	1999 01	19.21612	08 16 18.92	+21 22 57.9	20.0 V	691
1999 BS ₂₉	1999 01	19.45564	10 00 34.30	+13 32 25.4	19.8 V	691	1999 BL ₃₀	1999 01	19.23806	08 16 17.63	+21 23 04.4	19.8 V	691
1999 BS ₂₉	1999 01	19.47734	10 00 33.50	+13 32 29.5	20.1 V	691	1999 BL ₃₀	1999 01	23.30312	08 12 20.62	+21 40 42.1	20.2 V	691
1999 BS ₂₉	1999 01	19.49941	10 00 32.61	+13 32 33.9	19.8 V	691	1999 BL ₃₀	1999 01	23.32548	08 12 19.28	+21 40 48.0	20.2 V	691
1999 BT ₂₉	* 1999 01	18.48871	10 01 39.37	+13 04 01.1	19.6 V	691	1999 BL ₃₀	1999 01	23.34839	08 12 17.90	+21 40 53.9	20.0 V	691
1999 BT ₂₉	1999 01	18.51085	10 01 38.46	+13 04 01.4	19.6 V	691	1999 BM ₃₀	* 1999 01	19.19381	08 16 26.94	+21 18 46.2	20.4 V	691
1999 BT ₂₉	1999 01	18.53225	10 01 37.55	+13 04 01.8	19.8 V	691	1999 BM ₃₀	1999 01	19.21619	08 16 25.33	+21 18 48.1	19.7 V	691
1999 BT ₂₉	1999 01	23.48199	09 57 58.12	+13 07 24.7	19.6 V	691	1999 BM ₃₀	1999 01	19.23814	08 16 23.92	+21 18 48.5	20.6 V	691
1999 BT ₂₉	1999 01	23.50353	09 57 57.05	+13 07 25.7	19.7 V	691	1999 BM ₃₀	1999 01	23.23454	08 11 55.37	+21 22 15.4	20.8 V	691
1999 BT ₂₉	1999 01	23.52764	09 57 55.82	+13 07 26.9	19.7 V	691	1999 BM ₃₀	1999 01	23.25712	08 11 53.83	+21 22 16.2	20.5 V	691
1999 BU ₂₉	* 1999 01	18.49237	10 06 56.11	+13 20 57.9	18.7 V	691	1999 BM ₃₀	1999 01	23.27959	08 11 52.25	+21 22 17.8	20.8 V	691
1999 BU ₂₉	1999 01	18.51451	10 06 55.41	+13 20 58.6	18.8 V	691	1999 BN ₃₀	* 1999 01	19.19394	08 16 38.13	+21 22 48.9	17.5 V	691
1999 BU ₂₉	1999 01	18.53591	10 06 54.73	+13 20 59.5	18.9 V	691	1999 BN ₃₀	1999 01	19.21632	08 16 36.83	+21 22 59.1	17.4 V	691
1999 BU ₂₉	1999 01	23.48623	10 04 05.98	+13 26 21.9	18.6 V	691	1999 BN ₃₀	1999 01	19.23827	08 16 35.54	+21 23 09.1	17.5 V	691
1999 BU ₂₉	1999 01	23.50778	10 04 05.11	+13 26 23.9	18.7 V	691	1999 BN ₃₀	1999 01	23.30338	08 12 43.04	+21 53 30.8	17.7 V	691
1999 BU ₂₉	1999 01	23.53189	10 04 04.09	+13 26 25.6	18.7 V	691	1999 BN ₃₀	1999 01	23.32574	08 12 41.72	+21 53 40.9	17.6 V	691
1999 BV ₂₉	* 1999 01	18.49275	10 07 28.71	+13 28 11.7	20.1 V	691	1999 BN ₃₀	1999 01	23.34865	08 12 40.33	+21 53 50.8	17.7 V	691
1999 BV ₂₉	1999 01	18.51489	10 07 27.87	+13 28 16.4	20.0 V	691	1999 BO ₃₀	* 1999 01	19.19397	08 16 41.06	+21 06 51.6	19.9 V	691
1999 BV ₂₉	1999 01	18.53628	10 07 27.03	+13 28 20.6	20.1 V	691	1999 BO ₃₀	1999 01	19.21636	08 16 39.66	+21 06 57.9	19.9 V	691
1999 BV ₂₉	1999 01	19.46000	10 06 52.33	+13 31 38.2	20.3 V	691	1999 BO ₃₀	1999 01	19.23830	08 16 38.29	+21 07 04.7	20.0 V	691
1999 BV ₂₉	1999 01	19.48171	10 06 51.52	+13 31 43.5	20.7 V	691	1999 BO ₃₀	1999 01	23.23495	08 12 31.11	+21 26 48.6	19.9 V	691
1999 BV ₂₉	1999 01	19.50377	10 06 50.65	+13 31 48.1	20.4 V	691	1999 BO ₃₀	1999 01	23.25753	08 12 29.66	+21 26 54.7	19.6 V	691
1999 BW ₂₉	* 1999 01	18.49324	10 08 11.63	+13 05 30.1	19.6 V	691	1999 BO ₃₀	1999 01	23.28001	08 12 28.24	+21 27 01.7	20.0 V	691
1999 BW ₂₉	1999 01	18.51538	10 08 10.87	+13 05 36.2	19.6 V	691	1999 BP ₃₀	* 1999 01	19.19425	08 17 05.36	+21 05 48.8	20.4 V	691
1999 BW ₂₉	1999 01	18.53678	10 08 10.12	+13 05 42.3	19.5 V	691	1999 BP ₃₀	1999 01	19.21664	08 17 03.89	+21 05 50.9	21.0 V	691
1999 BW ₂₉	1999 01	23.48694	10 05 06.99	+13 30 12.7	19.4 V	691	1999 BP ₃₀	1999 01	19.23858	08 17 02.49	+21 05 53.2	21.2 V	691
1999 BW ₂₉	1999 01	23.50848	10 05 06.12	+13 30 19.8	19.3 V	691	1999 BP ₃₀	1999 01	23.23513	08 12 46.53	+21 12 00.2	20.9 V	691
1999 BW ₂₉	1999 01	23.53259	10 05 05.09	+13 30 27.0	19.3 V	691	1999 BP ₃₀	1999 01	23.25771	08 12 45.10	+21 12 01.9	20.7 V	691
1999 BX ₂₉	* 1999 01	18.49375	10 08 55.52	+13 11 30.3	20.4 V	691	1999 BP ₃₀	1999 01	23.28018	08 12 43.58	+21 12 03.9	21.1 V	691
1999 BX ₂₉	1999 01	18.51589	10 08 54.83	+13 11 33.0	20.2 V	691	1999 BP ₃₀	* 1999 01	19.19477	08 17 50.18	+21 21 19.6	19.8 V	691
1999 BX ₂₉	1999 01	18.53728	10 08 54.08	+13 11 35.4	20.6 V	691	1999 BQ ₃₀	1999 01	19.21716	08 17 48.85	+21 21 23.3	19.9 V	691
1999 BX ₂₉	1999 01	23.48755	10 06 00.31	+13 22 04.2	20.2 V	691	1999 BQ ₃₀	1999 01	19.23910	08 17 47.59	+21 21 27.0	20.0 V	691
1999 BX ₂₉	1999 01	23.50910	10 05 59.48	+13 22 07.9	20.7 V	691	1999 BQ ₃₀	1999 01	23.23593	08 13 55.80	+21 32 29.4	20.0 V	691
1999 BX ₂₉	1999 01	23.53321	10 05 58.51	+13 22 10.9	20.1 V	691							

1999 BX ₃₀	1999 01	23.33102	08 20 19.55	+21 47 42.6	20.5 V	691	1999 BQ ₃₁	1999 01	22.30229	08 07 16.12	+21 45 37.4	18.9 V	691
1999 BX ₃₀	1999 01	23.35394	08 20 18.19	+21 47 49.6	20.3 V	691	1999 BQ ₃₁	1999 01	22.30882	08 07 15.59	+21 45 38.8	18.6 V	691
1999 BY ₃₀	* 1999 01	19.19999	08 25 22.56	+21 14 28.3	20.7 V	691	1999 BQ ₃₁	1999 01	22.31481	08 07 15.21	+21 45 39.5	18.5 V	691
1999 BY ₃₀	1999 01	19.22238	08 25 21.05	+21 14 30.6	20.8 V	691	1999 BR ₃₁	* 1999 01	19.31053	08 12 07.72	+21 38 59.5	19.2 V	691
1999 BY ₃₀	1999 01	19.24432	08 25 19.55	+21 14 34.8	20.7 V	691	1999 BR ₃₁	1999 01	19.33339	08 12 06.35	+21 39 11.0	19.2 V	691
1999 BY ₃₀	1999 01	23.24073	08 20 51.57	+21 23 19.7	20.9 V	691	1999 BR ₃₁	1999 01	19.35691	08 12 04.92	+21 39 22.8	19.0 V	691
1999 BY ₃₀	1999 01	23.26330	08 20 49.98	+21 23 23.2	20.3 V	691	1999 BR ₃₁	1999 01	22.30343	08 09 11.77	+22 04 16.7	19.0 V	691
1999 BY ₃₀	1999 01	23.28578	08 20 48.46	+21 23 25.6	20.9 V	691	1999 BR ₃₁	1999 01	22.30995	08 09 11.34	+22 04 18.8	19.3 V	691
1999 BZ ₃₀	* 1999 01	19.20006	08 25 28.41	+21 21 04.2	20.3 V	691	1999 BR ₃₁	1999 01	22.31594	08 09 10.96	+22 04 21.8	19.3 V	691
1999 BZ ₃₀	1999 01	19.22245	08 25 27.02	+21 21 09.4	20.2 V	691	1999 BS ₃₁	* 1999 01	19.31077	08 12 28.93	+21 53 12.6	18.6 V	691
1999 BZ ₃₀	1999 01	19.24439	08 25 25.67	+21 21 15.1	20.5 V	691	1999 BS ₃₁	1999 01	19.33363	08 12 27.67	+21 53 16.1	19.0 V	691
1999 BZ ₃₀	1999 01	23.33166	08 21 15.02	+21 37 59.4	20.5 V	691	1999 BS ₃₁	1999 01	19.35716	08 12 26.32	+21 53 20.6	18.8 V	691
1999 BZ ₃₀	1999 01	23.35458	08 21 13.53	+21 38 04.9	20.4 V	691	1999 BS ₃₁	1999 01	22.30380	08 09 43.58	+22 03 20.8	19.1 V	691
1999 BA ₃₁	* 1999 01	19.20101	08 26 51.06	+21 14 23.4	19.7 V	691	1999 BS ₃₁	1999 01	22.31032	08 09 43.22	+22 03 22.1	19.0 V	691
1999 BA ₃₁	1999 01	19.22340	08 26 49.84	+21 14 31.1	20.0 V	691	1999 BS ₃₁	1999 01	22.31631	08 09 42.86	+22 03 23.2	19.2 V	691
1999 BA ₃₁	1999 01	19.24535	08 26 48.72	+21 14 39.1	20.1 V	691	1999 BT ₃₁	* 1999 01	19.31078	08 12 29.35	+21 36 23.8	17.9 V	691
1999 BA ₃₁	1999 01	23.31072	08 23 18.68	+21 39 23.5	20.3 V	691	1999 BT ₃₁	1999 01	19.33363	08 12 27.78	+21 36 26.8	17.9 V	691
1999 BA ₃₁	1999 01	23.33308	08 23 17.48	+21 39 31.6	20.2 V	691	1999 BT ₃₁	1999 01	19.35715	08 12 26.18	+21 36 29.9	17.8 V	691
1999 BA ₃₁	1999 01	23.35599	08 23 16.27	+21 39 39.7	20.2 V	691	1999 BT ₃₁	1999 01	22.30346	08 09 14.44	+21 42 59.9	18.1 V	691
1999 BB ₃₁	* 1999 01	19.20115	08 27 02.55	+21 30 46.9	19.9 V	691	1999 BT ₃₁	1999 01	22.30999	08 09 14.01	+21 43 00.7	18.0 V	691
1999 BB ₃₁	1999 01	19.22353	08 27 01.22	+21 30 47.3	20.0 V	691	1999 BT ₃₁	1999 01	22.31597	08 09 13.58	+21 43 01.3	18.1 V	691
1999 BB ₃₁	1999 01	19.24548	08 26 59.92	+21 30 47.7	20.3 V	691	1999 BU ₃₁	* 1999 01	19.31085	08 12 35.13	+21 45 43.1	20.6 V	691
1999 BB ₃₁	1999 01	23.24231	08 23 08.59	+21 31 30.9	19.6 V	691	1999 BU ₃₁	1999 01	19.33370	08 12 33.53	+21 45 47.8	20.4 V	691
1999 BB ₃₁	1999 01	23.26489	08 23 07.25	+21 31 31.1	19.9 V	691	1999 BU ₃₁	1999 01	19.35722	08 12 31.89	+21 45 52.6	20.3 V	691
1999 BB ₃₁	1999 01	23.28737	08 23 05.92	+21 31 30.9	20.2 V	691	1999 BU ₃₁	1999 01	22.30345	08 09 13.09	+21 56 12.0	20.3 V	691
1999 BC ₃₁	* 1999 01	19.20149	08 27 32.72	+21 29 18.1	21.4 V	691	1999 BU ₃₁	1999 01	22.30997	08 09 12.66	+21 56 12.4	20.9 V	691
1999 BC ₃₁	1999 01	19.22388	08 27 31.44	+21 29 16.4	21.1 V	691	1999 BU ₃₁	1999 01	22.31596	08 09 12.22	+21 56 14.4	20.9 V	691
1999 BC ₃₁	1999 01	19.24583	08 27 30.13	+21 29 14.1	20.9 V	691	1999 BV ₃₁	* 1999 01	19.31088	08 12 38.23	+21 34 54.9	20.2 V	691
1999 BC ₃₁	1999 01	23.24260	08 23 33.68	+21 23 03.7	21.0 V	691	1999 BV ₃₁	1999 01	19.33374	08 12 36.94	+21 35 00.7	20.1 V	691
1999 BC ₃₁	1999 01	23.26518	08 23 32.35	+21 23 00.6	20.3 V	691	1999 BV ₃₁	1999 01	19.35726	08 12 35.53	+21 35 06.2	20.1 V	691
1999 BC ₃₁	1999 01	23.28766	08 23 30.93	+21 22 59.3	21.3 V	691	1999 BV ₃₁	1999 01	22.30384	08 09 46.84	+21 47 27.8	20.3 V	691
1999 BD ₃₁	* 1999 01	19.20158	08 27 39.78	+21 07 14.1	20.1 V	691	1999 BV ₃₁	1999 01	22.31036	08 09 46.46	+21 47 29.5	20.5 V	691
1999 BD ₃₁	1999 01	19.22397	08 27 38.72	+21 07 19.2	20.4 V	691	1999 BV ₃₁	1999 01	22.31635	08 09 46.08	+21 47 29.9	20.2 V	691
1999 BD ₃₁	1999 01	19.24591	08 27 37.67	+21 07 24.3	20.4 V	691	1999 BW ₃₁	* 1999 01	19.31120	08 13 05.72	+21 52 42.7	20.2 V	691
1999 BD ₃₁	1999 01	23.24326	08 24 30.70	+21 22 27.8	19.9 V	691	1999 BW ₃₁	1999 01	19.33406	08 13 04.49	+21 52 45.2	20.1 V	691
1999 BD ₃₁	1999 01	23.26584	08 24 29.64	+21 22 31.8	20.4 V	691	1999 BW ₃₁	1999 01	19.35758	08 13 03.18	+21 52 47.2	20.0 V	691
1999 BD ₃₁	1999 01	23.28832	08 24 28.54	+21 22 36.8	20.4 V	691	1999 BW ₃₁	1999 01	22.30429	08 10 25.75	+21 57 48.4	20.5 V	691
1999 BE ₃₁	* 1999 01	19.20167	08 27 47.56	+21 24 34.6	20.4 V	691	1999 BW ₃₁	1999 01	22.31081	08 10 25.40	+21 57 49.3	20.3 V	691
1999 BE ₃₁	1999 01	19.22405	08 27 46.16	+21 24 38.1	20.4 V	691	1999 BW ₃₁	1999 01	22.31680	08 10 25.06	+21 57 49.8	20.5 V	691
1999 BE ₃₁	1999 01	19.24600	08 27 44.80	+21 24 41.6	20.8 V	691	1999 BX ₃₁	* 1999 01	19.31346	08 16 21.21	+21 34 19.3	20.7 V	691
1999 BE ₃₁	1999 01	23.31092	08 23 36.04	+21 35 00.5	20.5 V	691	1999 BX ₃₁	1999 01	19.33631	08 16 19.95	+21 34 24.8	20.5 V	691
1999 BE ₃₁	1999 01	23.33327	08 23 34.65	+21 35 04.5	20.5 V	691	1999 BX ₃₁	1999 01	19.35984	08 16 18.60	+21 34 30.9	20.3 V	691
1999 BE ₃₁	1999 01	23.35619	08 23 33.16	+21 35 07.9	20.4 V	691	1999 BX ₃₁	1999 01	23.30341	08 12 45.25	+21 51 03.7	20.8 V	691
1999 BF ₃₁	* 1999 01	19.20227	08 28 39.56	+21 23 54.4	20.5 V	691	1999 BX ₃₁	1999 01	23.32576	08 12 43.99	+21 51 08.9	20.8 V	691
1999 BF ₃₁	1999 01	19.22465	08 28 38.04	+21 23 59.3	20.5 V	691	1999 BX ₃₁	1999 01	23.34868	08 12 42.70	+21 51 14.6	20.7 V	691
1999 BF ₃₁	1999 01	19.24659	08 28 36.55	+21 24 04.5	20.3 V	691	1999 BY ₃₁	* 1999 01	19.31378	08 16 49.53	+21 39 42.5	19.7 V	691
1999 BF ₃₁	1999 01	23.31128	08 24 07.24	+21 38 42.3	20.4 V	691	1999 BY ₃₁	1999 01	19.33664	08 16 47.91	+21 39 50.0	19.2 V	691
1999 BF ₃₁	1999 01	23.33363	08 24 05.68	+21 38 47.3	20.5 V	691	1999 BY ₃₁	1999 01	19.36016	08 16 46.31	+21 39 57.6	19.2 V	691
1999 BF ₃₁	1999 01	23.35655	08 24 04.13	+21 38 52.0	20.3 V	691	1999 BY ₃₁	1999 01	23.30312	08 12 20.02	+22 00 50.8	19.6 V	691
1999 BG ₃₁	* 1999 01	19.20257	08 29 05.80	+21 14 49.5	20.1 V	691	1999 BY ₃₁	1999 01	23.32547	08 12 18.46	+22 00 57.8	19.7 V	691
1999 BG ₃₁	1999 01	19.22495	08 29 04.27	+21 14 58.6	20.3 V	691	1999 BY ₃₁	1999 01	23.34838	08 12 16.84	+22 01 05.1	19.7 V	691
1999 BG ₃₁	1999 01	19.24690	08 29 02.78	+21 15 07.7	20.3 V	691	1999 BZ ₃₁	* 1999 01	19.31440	08 17 42.93	+21 49 45.4	18.9 V	691
1999 BG ₃₁	1999 01	23.31158	08 24 33.13	+21 41 39.7	20.2 V	691	1999 BZ ₃₁	1999 01	19.33725	08 17 41.27	+21 49 47.8	18.8 V	691
1999 BG ₃₁	1999 01	23.33393	08 24 31.59	+21 41 48.1	20.4 V	691	1999 BZ ₃₁	1999 01	19.36077	08 17 39.55	+21 49 50.2	18.7 V	691
1999 BG ₃₁	1999 01	23.35684	08 24 29.96	+21 41 56.9	20.3 V	691	1999 BZ ₃₁	1999 01	23.30359	08 13 01.19	+21 56 05.6	18.9 V	691
1999 BH ₃₁	* 1999 01	19.20287	08 29 31.68	+21 17 46.0	18.9 V	691	1999 BZ ₃₁	1999 01	23.32594	08 12 59.59	+21 56 07.6	19.0 V	691
1999 BH ₃₁	1999 01	19.22525	08 29 30.27	+21 17 48.5	19.0 V	691	1999 BZ ₃₁	1999 01	23.34885	08 12 57.92	+21 56 09.5	19.0 V	691
1999 BH ₃₁	1999 01	19.24720	08 29 28.91	+21 17 51.2	19.2 V	691	1999 BA ₃₂	* 1999 01	19.31566	08 19 32.44	+21 33 09.4	20.6 V	691
1999 BH ₃₁	1999 01	23.24387	08 25 23.56	+21 25 15.7	18.5 V	691	1999 BA ₃₂	1999 01	19.33852	08 19 30.84	+21 33 10.0	20.4 V	691
1999 BH ₃₁	1999 01	23.26645	08 25 22.12	+21 25 18.4	18.6 V	691	1999 BA ₃₂	1999 01	19.36204	08 19 29.09	+21 33 10.9	20.4 V	691
1999 BH ₃₁	1999 01	23.28892	08 25 20.67	+21 25 20.7	18.7 V	691	1999 BA ₃₂	1999 01	23.30495	08 14 58.59	+21 34 55.1	20.6 V	691
1999 BJ ₃₁	* 1999 01	19.20309	08 29 50.80	+21 10 19.7	20.3 V	691	1999 BA ₃₂	1999 01	23.32730	08 14 56.96	+21 34 56.0	20.1 V	691
1999 BJ ₃₁	1999 01	19.22548	08 29 49.51	+21 10 32.7	20.2 V	691	1999 BA ₃₂	1999 01	23.35021	08 14 55.34	+21 34 55.7	20.7 V	691
1999 BJ ₃₁	1999 01	19.24742	08 29 48.28	+21 10 45.4	20.8 V	691	1999 BB ₃₂	* 1999 01	19.31596	08 19 58.43	+21 57 18.5	18.9 V	691
1999 BJ ₃₁	1999 01	23.31261	08 26 02.08	+21 49 19.2	20.5 V	691	1999 BB ₃₂	1999 01	19.33882	08 19 56.77	+21 57 19.6	19.0 V	691
1999 BJ ₃₁	1999 01	23.33498	08 26 00.80	+21 49 31.4	20.2 V	69							

1999 BJ ₃₂	1999 01	19.36703	08 26 41.57	+21 39 12.0	19.5 V	691	1999 BC ₃₃	1999 01	22.31583	08 09 01.52	+21 40 04.2	20.3 V	691
1999 BJ ₃₂	1999 01	23.31020	08 22 33.50	+21 51 33.0	20.2 V	691	1999 BC ₃₃	1999 01	23.30014	08 08 02.54	+21 45 06.9	20.5 V	691
1999 BJ ₃₂	1999 01	23.33255	08 22 32.04	+21 51 36.9	20.0 V	691	1999 BC ₃₃	1999 01	23.32250	08 08 01.17	+21 45 13.3	20.3 V	691
1999 BJ ₃₂	1999 01	23.35547	08 22 30.54	+21 51 40.9	20.3 V	691	1999 BC ₃₃	1999 01	23.34541	08 07 59.74	+21 45 20.6	20.3 V	691
1999 BK ₃₂	* 1999 01	19.32066	08 26 45.45	+21 34 20.5	20.1 V	691	1999 BD ₃₃	* 1999 01	22.30473	08 11 04.07	+21 58 46.2	20.2 V	691
1999 BK ₃₂	1999 01	19.34352	08 26 44.08	+21 34 27.9	20.0 V	691	1999 BD ₃₃	1999 01	22.31125	08 11 03.65	+21 58 47.9	20.1 V	691
1999 BK ₃₂	1999 01	19.36704	08 26 42.68	+21 34 35.5	19.8 V	691	1999 BD ₃₃	1999 01	22.31724	08 11 03.25	+21 58 49.9	20.2 V	691
1999 BK ₃₂	1999 01	23.31044	08 22 54.60	+21 55 16.1	20.1 V	691	1999 BD ₃₃	1999 01	23.30149	08 09 59.10	+22 03 18.3	20.1 V	691
1999 BK ₃₂	1999 01	23.33280	08 22 53.24	+21 55 22.9	20.0 V	691	1999 BD ₃₃	1999 01	23.32384	08 09 57.60	+22 03 24.6	20.0 V	691
1999 BK ₃₂	1999 01	23.35571	08 22 51.87	+21 55 30.0	20.0 V	691	1999 BD ₃₃	1999 01	23.34676	08 09 56.05	+22 03 30.9	19.9 V	691
1999 BL ₃₂	* 1999 01	19.32157	08 28 04.47	+21 38 42.7	20.5 V	691	1999 BE ₃₃	* 1999 01	22.30492	08 11 20.37	+21 43 11.7	20.9 V	691
1999 BL ₃₂	1999 01	19.34443	08 28 03.12	+21 38 46.5	20.4 V	691	1999 BE ₃₃	1999 01	22.31144	08 11 19.99	+21 43 12.2	21.0 V	691
1999 BL ₃₂	1999 01	19.36795	08 28 01.74	+21 38 49.8	20.3 V	691	1999 BE ₃₃	1999 01	22.31743	08 11 19.66	+21 43 12.5	20.8 V	691
1999 BL ₃₂	1999 01	23.31136	08 24 13.98	+21 48 42.5	20.4 V	691	1999 BE ₃₃	1999 01	23.30179	08 10 24.90	+21 44 06.4	20.9 V	691
1999 BL ₃₂	1999 01	23.33371	08 24 12.65	+21 48 45.8	20.4 V	691	1999 BE ₃₃	1999 01	23.32414	08 10 23.64	+21 44 07.7	21.2 V	691
1999 BL ₃₂	1999 01	23.35663	08 24 11.27	+21 48 48.9	20.4 V	691	1999 BE ₃₃	1999 01	23.34706	08 10 22.32	+21 44 09.2	20.8 V	691
1999 BM ₃₂	* 1999 01	19.32379	08 31 16.09	+21 36 49.5	20.3 V	691	1999 BF ₃₃	* 1999 01	22.46578	09 18 06.68	+14 56 11.5	19.8 V	691
1999 BM ₃₂	1999 01	19.34664	08 31 14.52	+21 36 56.2	20.7 V	691	1999 BF ₃₃	1999 01	22.48683	09 18 05.76	+14 56 17.2	19.9 V	691
1999 BM ₃₂	1999 01	19.37016	08 31 13.08	+21 37 02.4	20.2 V	691	1999 BF ₃₃	1999 01	22.50942	09 18 04.76	+14 56 23.2	19.8 V	691
1999 BM ₃₂	1999 01	23.31328	08 27 00.35	+21 54 46.4	20.2 V	691	1999 BF ₃₃	1999 01	23.41817	09 17 25.68	+15 00 30.2	19.8 V	691
1999 BM ₃₂	1999 01	23.33563	08 26 58.87	+21 54 52.3	20.2 V	691	1999 BF ₃₃	1999 01	23.43964	09 17 24.69	+15 00 35.9	19.9 V	691
1999 BM ₃₂	1999 01	23.35855	08 26 57.34	+21 54 58.5	20.1 V	691	1999 BF ₃₃	1999 01	23.46097	09 17 23.76	+15 00 41.4	19.7 V	691
1999 BN ₃₂	* 1999 01	19.32468	08 32 33.23	+21 34 09.1	20.8 V	691	1999 BG ₃₃	* 1999 01	22.46805	09 21 23.42	+14 58 12.7	21.1 V	691
1999 BN ₃₂	1999 01	19.34753	08 32 31.97	+21 34 15.8	20.4 V	691	1999 BG ₃₃	1999 01	22.48910	09 21 22.54	+14 58 17.4	20.7 V	691
1999 BN ₃₂	1999 01	19.37106	08 32 30.89	+21 34 24.3	20.7 V	691	1999 BG ₃₃	1999 01	22.51170	09 21 21.53	+14 58 22.3	21.1 V	691
1999 BN ₃₂	1999 01	23.31481	08 29 13.16	+21 55 46.7	20.4 V	691	1999 BG ₃₃	1999 01	23.42045	09 20 42.45	+15 01 21.4	20.3 V	691
1999 BN ₃₂	1999 01	23.33717	08 29 11.99	+21 55 54.1	20.9 V	691	1999 BG ₃₃	1999 01	23.44192	09 20 41.58	+15 01 25.7	20.3 V	691
1999 BN ₃₂	1999 01	23.36008	08 29 10.68	+21 56 01.3	20.5 V	691	1999 BG ₃₃	1999 01	23.46324	09 20 40.55	+15 01 29.9	20.5 V	691
1999 BO ₃₂	* 1999 01	19.32469	08 32 34.47	+21 34 44.7	19.5 V	691	1999 BH ₃₃	* 1999 01	22.46935	09 23 15.82	+14 56 38.5	19.6 V	691
1999 BO ₃₂	1999 01	19.34754	08 32 32.62	+21 34 48.7	19.0 V	691	1999 BH ₃₃	1999 01	22.49039	09 23 14.58	+14 56 43.4	19.8 V	691
1999 BO ₃₂	1999 01	19.37106	08 32 30.92	+21 34 52.4	19.2 V	691	1999 BH ₃₃	1999 01	22.51298	09 23 13.21	+14 56 49.4	20.0 V	691
1999 BO ₃₂	1999 01	23.31391	08 27 54.75	+21 45 10.5	19.2 V	691	1999 BH ₃₃	1999 01	23.42157	09 22 19.76	+15 00 09.7	19.7 V	691
1999 BO ₃₂	1999 01	23.33626	08 27 53.11	+21 45 13.8	19.1 V	691	1999 BH ₃₃	1999 01	23.44303	09 22 18.42	+15 00 14.6	19.7 V	691
1999 BO ₃₂	1999 01	23.35917	08 27 51.46	+21 45 17.3	19.0 V	691	1999 BH ₃₃	1999 01	23.46435	09 22 17.12	+15 00 19.2	19.4 V	691
1999 BP ₃₂	* 1999 01	19.32501	08 33 01.93	+21 33 48.7	21.5 V	691	1999 BJ ₃₃	* 1999 01	22.47517	09 31 40.00	+14 52 18.5	20.1 V	691
1999 BP ₃₂	1999 01	19.34786	08 33 00.59	+21 33 57.4	21.1 V	691	1999 BJ ₃₃	1999 01	22.49621	09 31 38.87	+14 52 29.0	20.3 V	691
1999 BP ₃₂	1999 01	19.37139	08 32 59.20	+21 34 05.9	20.4 V	691	1999 BJ ₃₃	1999 01	23.42748	09 30 51.38	+15 00 00.7	20.5 V	691
1999 BP ₃₂	1999 01	23.31478	08 29 10.43	+21 58 32.4	20.8 V	691	1999 BJ ₃₃	1999 01	23.44894	09 30 50.21	+15 00 11.4	20.5 V	691
1999 BP ₃₂	1999 01	23.33713	08 29 09.05	+21 58 40.2	20.9 V	691	1999 BJ ₃₃	1999 01	23.47026	09 30 49.03	+15 00 21.9	20.3 V	691
1999 BP ₃₂	1999 01	23.36005	08 29 07.70	+21 58 48.6	20.9 V	691	1999 BK ₃₃	* 1999 01	24.11921	09 05 00.58	+18 04 00.3	18.9 R	159
1999 BQ ₃₂	* 1999 01	19.32534	08 33 30.74	+21 42 53.4	20.6 V	691	1999 BK ₃₃	1999 01	24.12146	09 05 00.35	+18 04 02.2	18.5 R	159
1999 BQ ₃₂	1999 01	19.34820	08 33 29.55	+21 42 58.3	20.4 V	691	1999 BK ₃₃	1999 01	24.12315	09 05 00.30	+18 04 05.4	18.8 R	159
1999 BQ ₃₂	1999 01	19.37172	08 33 28.37	+21 43 02.3	20.6 V	691	1999 BK ₃₃	1999 01	25.08993	09 03 54.95	+18 06 55.2	18.7 R	159
1999 BQ ₃₂	1999 01	23.31545	08 30 08.63	+21 55 48.6	20.4 V	691	1999 BK ₃₃	1999 01	25.09203	09 03 54.88	+18 06 55.7	18.7 R	159
1999 BQ ₃₂	1999 01	23.33781	08 30 07.48	+21 55 53.0	20.5 V	691	1999 BK ₃₃	1999 01	25.09622	09 03 54.63	+18 06 56.9	18.5 R	159
1999 BQ ₃₂	1999 01	23.36073	08 30 06.26	+21 55 57.4	20.3 V	691	2016 P-L	1998 12	15.38543	06 11 32.17	+14 00 15.3	18.0	704
1999 BR ₃₂	* 1999 01	19.32557	08 33 50.28	+21 51 52.2	20.5 V	691	2016 P-L	1998 12	15.40026	06 11 31.29	+14 00 15.5	17.8	704
1999 BR ₃₂	1999 01	19.34842	08 33 48.62	+21 51 55.7	20.4 V	691	2016 P-L	1998 12	15.41508	06 11 30.54	+14 00 14.8	17.8	704
1999 BR ₃₂	1999 01	19.37194	08 33 46.90	+21 51 58.9	20.3 V	691	2016 P-L	1998 12	15.42995	06 11 29.61	+14 00 15.4	18.2	704
1999 BR ₃₂	1999 01	23.31476	08 29 08.57	+22 00 56.6	20.6 V	691	2016 P-L	1998 12	15.44488	06 11 28.67	+14 00 11.4	18.2	704
1999 BR ₃₂	1999 01	23.33711	08 29 06.94	+22 00 59.3	20.4 V	691	2016 P-L	1998 12	22.29010	06 05 03.98	+13 55 54.5	17.9	704
1999 BR ₃₂	1999 01	23.36002	08 29 05.26	+22 01 02.0	20.5 V	691	2016 P-L	1998 12	22.31278	06 05 02.65	+13 55 53.4	18.7	704
1999 BS ₃₂	* 1999 01	19.37983	08 11 00.16	+19 46 58.0	19.3 V	691	2016 P-L	1998 12	22.33574	06 05 01.33	+13 55 51.5	19.2	704
1999 BS ₃₂	1999 01	19.40362	08 10 58.71	+19 47 10.7	19.2 V	691	2016 P-L	1998 12	22.35854	06 04 59.94	+13 55 51.5	19.0	704
1999 BS ₃₂	1999 01	22.16613	08 08 16.78	+20 11 58.4	19.5 V	691	2016 P-L	1998 12	22.38125	06 04 58.68	+13 55 51.5	18.8	704
1999 BS ₃₂	1999 01	22.18836	08 08 15.44	+20 12 10.4	19.0 V	691	2038 P-L	1999 01	14.09992	02 02 40.55	+10 54 18.0	19.4 V	691
1999 BS ₃₂	1999 01	22.21066	08 08 14.06	+20 12 23.1	19.1 V	691	2038 P-L	1999 01	14.13143	02 02 42.17	+10 54 23.9	19.7 V	691
1999 BT ₃₂	* 1999 01	19.38565	08 19 24.36	+20 00 23.0	20.8 V	691	2038 P-L	1999 01	14.16298	02 02 43.83	+10 54 30.5	19.5 V	691
1999 BT ₃₂	1999 01	19.40945	08 19 23.09	+20 00 28.9	21.0 V	691	2042 P-L	1999 01	15.43979	10 05 12.39	+03 38 19.9	18.9 R	699
1999 BT ₃₂	1999 01	22.17212	08 16 55.99	+20 12 26.5	20.3 V	691	2042 P-L	1999 01	15.46458	10 05 11.62	+03 38 19.3	699	
1999 BT ₃₂	1999 01	22.19435	08 16 54.76	+20 12 32.1	20.5 V	691	2042 P-L	1999 01	15.49078	10 05 10.83	+03 38 19.4	699	
1999 BT ₃₂	1999 01	22.21666	08 16 53.52	+20 12 38.0	20.4 V	691	2076 P-L	1999 01	10.20726	03 38 04.17	+11 28 18.0	17.4 R	699
1999 BU ₃₂	* 1999 01	19.38718	08 21 36.72	+19 55 36.4	20.4 V	691	2076 P-L	1999 01	10.23501	03 38 04.89	+11 28 21.6	699	
1999 BU ₃₂	1999 01	19.41098	08 21 35.53	+19 55 40.2	20.2 V	691	2076 P-L	1999 01	10.26049	03 38 05.50	+11 28 25.1	699	
1999 BU ₃₂	1999 01	22.17372	08 19 14.30	+20 03 01.1	20.5 V	691	2076 P-L	1999 01	15.09918	03 40 40.89	+11 41 21.5	18.2 R	699
1999 BU ₃₂	1999 01	22.19595	08 19 13.15	+20 03 04.5	20.5 V	691	2076 P-L	1999 01	15.11446	03 40 41.35	+11 41 24.4	699	
1999 BU ₃₂	1999 01	22.21825	08 19 11.95	+20 03 07.9	20.								

2767 P-L	1960 09 28.43822	00 58 42.62	+02 21 02.8	4	675	6062 P-L	1999 01 19.45953	09 15 33.88	+17 15 36.8	17.9	704
2767 P-L	1960 09 29.37153	00 58 01.66	+02 16 49.0	4	675	6062 P-L	1999 01 19.48138	09 15 32.68	+17 15 41.9	17.5	704
2767 P-L	1960 09 29.39514	00 58 00.56	+02 16 41.9	4	675	6062 P-L	1999 01 19.50337	09 15 31.42	+17 15 46.6	17.5	704
2778 P-L	1999 01 10.38030	08 55 23.82	+15 26 07.3	18.4 R	699	6064 P-L	1999 01 18.21333	07 02 05.76	+04 12 32.3	17.3	704
2778 P-L	1999 01 10.40583	08 55 22.47	+15 26 12.5		699	6064 P-L	1999 01 18.23546	07 02 04.54	+04 12 37.3		704
2778 P-L	1999 01 10.43139	08 55 21.21	+15 26 17.5		699	6064 P-L	1999 01 18.25817	07 02 03.49	+04 12 43.2		704
2778 P-L	1999 01 18.43743	08 48 11.72	+15 57 15.6	18.8	704	6064 P-L	1999 01 18.28025	07 02 02.41	+04 12 48.6	17.6	704
2778 P-L	1999 01 18.45949	08 48 10.29	+15 57 21.8	18.8	704	6064 P-L	1999 01 18.30228	07 02 01.38	+04 12 56.0	18.9	704
2778 P-L	1999 01 18.48174	08 48 09.04	+15 57 26.8	18.9	704	6064 P-L	1999 01 20.20102	07 00 31.93	+04 21 01.8	17.5	704
2778 P-L	1999 01 18.50381	08 48 07.79	+15 57 31.8	18.8	704	6064 P-L	1999 01 20.22280	07 00 30.86	+04 21 07.0		704
2778 P-L	1999 01 19.87666	08 46 48.25	+16 03 17.9	18.1	120	6064 P-L	1999 01 20.24482	07 00 29.78	+04 21 12.5		704
2778 P-L	1999 01 19.89374	08 46 47.20	+16 03 22.0		120	6064 P-L	1999 01 20.26663	07 00 28.77	+04 21 18.5	18.7	704
2778 P-L	1999 01 20.79464	08 45 54.05	+16 07 12.4	18.1	120	6071 P-L	1999 01 14.18566	04 35 46.02	+10 29 36.4	17.6 R	699
2778 P-L	1999 01 20.81872	08 45 52.47	+16 07 18.2		120	6071 P-L	1999 01 14.20352	04 35 45.69	+10 29 38.6		699
2818 P-L	1999 01 19.20164	07 06 10.83	+29 46 58.5	18.5	704	6071 P-L	1999 01 14.22133	04 35 45.26	+10 29 39.5		699
2818 P-L	1999 01 19.22406	07 06 09.18	+29 47 03.1	19.0	704	6189 P-L	1999 01 08.32562	08 41 33.79	+16 43 07.1	20.0 V	691
2818 P-L	1999 01 19.24619	07 06 07.58	+29 47 02.8	19.5	704	6189 P-L	1999 01 08.34758	08 41 32.46	+16 43 11.5	20.1 V	691
2818 P-L	1999 01 19.29062	07 06 04.47	+29 47 09.6	19.4	704	6189 P-L	1999 01 08.36950	08 41 31.13	+16 43 15.0	20.1 V	691
3039 P-L	1999 01 20.21629	06 47 13.66	+15 37 17.1	17.3	704	6381 P-L	1999 01 15.35131	09 38 29.56	+01 42 07.7	18.4 R	699
3039 P-L	1999 01 20.23824	06 47 12.51	+15 37 17.2	17.2	704	6381 P-L	1999 01 15.37685	09 38 28.65	+01 42 13.1		699
3039 P-L	1999 01 20.26011	06 47 11.40	+15 37 17.1	17.2	704	6381 P-L	1999 01 15.40237	09 38 27.72	+01 42 17.1		699
3039 P-L	1999 01 20.28267	06 47 10.28	+15 37 17.6	18.1	704	6519 P-L	1999 01 16.08295	05 19 03.51	+27 48 24.4	17.7	704
3063 P-L	1998 12 09.62361	04 50 26.16	+28 15 32.0		327	6519 P-L	1999 01 16.10497	05 19 02.81	+27 48 23.6		704
3063 P-L	1998 12 09.63590	04 50 25.45	+28 15 30.4	17.9	327	6519 P-L	1999 01 16.12698	05 19 02.05	+27 48 21.9	18.1	704
3063 P-L	1998 12 09.64825	04 50 24.91	+28 15 28.7		327	6519 P-L	1999 01 16.14973	05 19 01.38	+27 48 20.1	18.6	704
3553 P-L	1998 12 30.76124	09 01 23.59	+17 11 24.7	17.0	327	6519 P-L	1999 01 22.21389	05 16 29.37	+27 41 49.9	19.2	732
3553 P-L	1998 12 30.77391	09 01 23.20	+17 11 23.7		327	6519 P-L	1999 01 22.21847	05 16 29.29	+27 41 49.7	18.8	732
3553 P-L	1998 12 30.78646	09 01 22.80	+17 11 22.6		327	6519 P-L	1999 01 22.22310	05 16 29.16	+27 41 48.8	18.9	732
3553 P-L	1999 01 08.40806	08 56 05.72	+17 02 32.4		691	6519 P-L	1999 01 23.20672	05 16 11.14	+27 40 44.9	18.2	732
3553 P-L	1999 01 08.42998	08 56 04.71	+17 02 31.6	16.8 V	691	6519 P-L	1999 01 23.21132	05 16 11.05	+27 40 44.5	18.2	732
3553 P-L	1999 01 14.99065	08 50 48.34	+16 59 11.9	17.7	120	6519 P-L	1999 01 23.21590	05 16 10.96	+27 40 44.1	18.3	732
3553 P-L	1999 01 15.00784	08 50 47.38	+16 59 11.6		120	6527 P-L	* 1960 09 24.35002	00 13 01.01	+01 28 20.9	18.6	4 675
3553 P-L	1999 01 17.32712	08 48 43.23	+16 58 34.3	16.8 V	691	6527 P-L	1960 09 26.28543	00 11 20.71	+01 41 06.0		4 675
3553 P-L	1999 01 17.34902	08 48 41.99	+16 58 33.9	16.6 V	691	6527 P-L	1960 09 27.34237	00 10 25.63	+01 48 00.7		4 675
3553 P-L	1999 01 18.43743	08 47 41.70	+16 58 20.2	17.3	704	6527 P-L	1960 09 28.33822	00 09 33.92	+01 54 28.8		4 675
3553 P-L	1999 01 18.45949	08 47 40.42	+16 58 19.5	17.6	704	6527 P-L	1960 10 17.28198	23 55 06.17	+03 56 17.4		4 675
3553 P-L	1999 01 18.48174	08 47 39.16	+16 58 19.5	17.6	704	6527 P-L	1960 10 22.23406	23 52 31.33	+03 52 32.8		4 675
3553 P-L	1999 01 18.50381	08 47 37.91	+16 58 18.6	18.0	704	6527 P-L	1960 10 25.25350	23 51 17.72	+03 59 46.3		4 675
3553 P-L	1999 01 18.52587	08 47 36.71	+16 58 18.2	18.2	704	6527 P-L	1960 10 26.31531	23 50 55.70	+04 01 48.6		4 675
4028 P-L	1999 01 18.31181	07 32 23.90	+08 49 53.0	17.9	704	6629 P-L	1999 01 20.20725	07 20 03.87	+18 04 06.0	18.7	704
4028 P-L	1999 01 18.33384	07 32 22.73	+08 49 58.0	18.0	704	6629 P-L	1999 01 20.22920	07 20 03.08	+18 04 10.3		704
4028 P-L	1999 01 18.35754	07 32 21.23	+08 50 02.9	18.3	704	6629 P-L	1999 01 20.25106	07 20 02.34	+18 04 11.4		704
4028 P-L	1999 01 18.37965	07 32 20.02	+08 50 06.4	18.9	704	6629 P-L	1999 01 20.27358	07 20 01.70	+18 04 11.6	18.9	704
4030 P-L	1999 01 21.18229	12 12 25.03	+04 21 44.6	18.5	120	6647 P-L	1999 01 16.20081	07 02 59.55	+27 15 11.5	18.3	704
4030 P-L	1999 01 22.04868	12 12 29.20	+04 23 21.0		120	6647 P-L	1999 01 16.22278	07 02 58.00	+27 15 11.5	18.8	704
4088 P-L	* 1960 09 24.37573	00 36 30.56	+07 51 38.2	19.4	4 675	6647 P-L	1999 01 16.24486	07 02 56.63	+27 15 13.8	19.4	704
4088 P-L	1960 09 25.42780	00 35 34.77	+07 46 56.5		4 675	6647 P-L	1999 01 16.26680	07 02 54.97	+27 15 16.6	19.1	704
4088 P-L	1960 09 26.30558	00 34 48.15	+07 42 53.6		4 675	6676 P-L	1999 01 28.03000	11 54 35.10	+00 40 24.1	19.0	120
4088 P-L	1960 09 28.36808	00 32 56.57	+07 33 09.3		4 675	6676 P-L	1999 01 28.10251	11 54 34.66	+00 40 24.2		120
4088 P-L	1960 10 17.27085	00 16 10.17	+05 55 17.8		4 675	6691 P-L	1999 01 12.71398	09 54 40.61	+22 58 58.3	17.5	411
4088 P-L	1960 10 22.22293	00 12 25.03	+05 30 44.8		4 675	6691 P-L	1999 01 12.73292	09 54 39.96	+22 59 03.4		411
4088 P-L	1960 10 26.32573	00 09 40.97	+05 11 59.5		4 675	6691 P-L	1999 01 13.57342	09 54 12.85	+23 02 35.5		411
4200 P-L	1999 01 17.80091	03 41 13.82	+13 28 26.5	20.0 V	557	6691 P-L	1999 01 13.58246	09 54 12.45	+23 02 37.5		411
4200 P-L	1999 01 17.82299	03 41 14.18	+13 28 29.7		557	6704 P-L	* 1960 09 24.35002	00 58 15.04	+02 04 14.0	18.8	4 675
4226 P-L	1999 01 18.59637	07 08 42.60	+21 03 56.1		327	6704 P-L	1960 09 26.28543	23 56 30.66	+02 16 14.4		4 675
4226 P-L	1999 01 18.61278	07 08 41.58	+21 03 57.2	17.5	327	6704 P-L	1960 09 27.34237	23 55 34.29	+02 22 38.1		4 675
4226 P-L	1999 01 18.62917	07 08 40.53	+21 03 57.9		327	6704 P-L	1960 09 28.33822	23 54 42.06	+02 28 34.8		4 675
4226 P-L	1999 01 23.56884	07 03 50.15	+21 07 53.1		327	6704 P-L	1960 10 22.16324	23 39 34.47	+04 05 37.8		4 675
4226 P-L	1999 01 23.58515	07 03 49.21	+21 07 54.0	17.4	327	6704 P-L	1960 10 24.23753	23 38 56.69	+04 09 04.7		4 675
4226 P-L	1999 01 23.60175	07 03 48.19	+21 07 54.5		327	6704 P-L	1960 10 26.27157	23 38 26.98	+04 11 35.0		4 675
4226 P-L	1999 01 25.59111	07 02 00.23	+21 09 16.4	17.5	327	6773 P-L	1999 01 13.11184	02 04 16.55	+10 27 10.7	19.4 V	691
4226 P-L	1999 01 25.60352	07 01 59.52	+21 09 18.0		327	6773 P-L	1999 01 13.14353	02 04 18.46	+10 27 25.9	19.4 V	691
4525 P-L	1998 12 18.43005	00 29 41.85	+03 06 17.9		327	6773 P-L	1999 01 13.17582	02 04 20.47	+10 27 40.7	19.4 V	691
4525 P-L	1998 12 18.44360	00 29 42.46	+03 06 22.4	18.5	327	7061 P-L	1999 01 05.78678	01 01 30.06	+05 19 33.9	20.0 V	910
4525 P-L	1998 12 18.45623	00 29 42.97	+03 06 25.2		327	7061 P-L	1999 01 05.80987	01 01 31.80	+05 19 42.3	19.9 V	910
4648 P-L	1998 10 23.08513	04 00 22.06	+19 35 05.5	18.6 V	910	7061 P-L	1999 01 05.83402	01 01 33.61	+05 19 51.2	19.8 V	910
4648 P-L	1998 10 23.09787	04 00 21.51	+19 35 03.4	18.7 V	910	7061 P-L	1999 01 09.75709	01 06 41.24	+05 44 12.6	20.2 V	910
4648 P-L	1998 10 23.11059	04 00 20.95	+19 35 01.7	19.1 V	910	7061 P-L	1999 01 09.78010	01 06 43.07	+05 44 21.7	19.9 V	910
4654 P-L	* 1960 09 24.33613	00 15 23.18	+03 45 47.7	18.8	4 675	7061 P-L	1999 01 09.80284	01 06 44.83	+05 44 30.4	19.9 V	910
4654 P-L	1960 09 24.41183	00 15 18.85	+03 45 21.5		4 675	7639 P-L	1999 01 05.15997	03 48 14.07	+17 56 20.6		699
4654 P-L	1960 09 25.32502	00 14 28.77	+03 40 20.3		4 675	7639 P-L	1999 01 05.18160	03 48 13.60	+17 56 20.1		699
4654 P-L	1960 09 26.27573	00 13 36.77	+03 35 04.8		4 675	7639 P-L	1999 01 05.20200	03 48 13.11	+17 56 22.8		699
4654 P-L	1960 09 26.31530	00 13 34.60	+03 34 51.8		4 675	9070 P-L	1999 01 18.09854	06 05 47.51	+12 15 56.9	17.8	704
4654 P-L	1960 09 28.32780	00 11 45.02	+03 23 44.3		4 675	9070 P-L	1999 01 18.12051	06 05 46.66	+12 15 57.6	17.8	704
4654 P-L	1960 10 17.27085	23 57 17.20	+01 50 18.4		4 675	9070 P-L	1999 01 18.14250	06 05 45.73	+12 16 01.2	17.8	704
4654 P-L	1960 10 22.22293	23 54 46.67	+01 32 39.3		4 675	9070 P-L	1999 01 18.16482	06 05 44.83	+12 16 04.9</		

1252 T-1	1999 01	20.13889	06 16 49.51	+12 30 18.7	18.3	704	3025 T-2	1999 01	06.94341	08 13 17.07	+19 23 09.5	120
1252 T-1	1999 01	20.16124	06 16 48.32	+12 30 22.6	18.0	704	3025 T-2	1999 01	06.99517	08 13 13.63	+19 23 24.4	120
1252 T-1	1999 01	20.18316	06 16 47.28	+12 30 26.5	18.0	704	3025 T-2	1999 01	09.34205	08 10 42.39	+19 34 09.1	18.0 V
1293 T-1	1999 01	16.19456	06 31 39.65	+29 22 18.3	19.4	704	3025 T-2	1999 01	09.36692	08 10 40.81	+19 34 16.6	17.6 V
1293 T-1	1999 01	16.21652	06 31 38.18	+29 22 17.0	19.0	704	3025 T-2	1999 01	09.38915	08 10 39.17	+19 34 22.0	18.0 V
1293 T-1	1999 01	16.23849	06 31 36.58	+29 22 14.3	18.7	704	3025 T-2	1999 01	09.85110	08 10 09.42	+19 36 28.2	18.0
1293 T-1	1999 01	16.26057	06 31 35.22	+29 22 13.1	19.3	704	3025 T-2	1999 01	09.87138	08 10 08.16	+19 36 33.9	120
2028 T-1	1971 03	24.37118	11 59 33.51	+00 23 19.7		4 675	3025 T-2	1999 01	09.93106	08 10 03.99	+19 36 50.6	120
2028 T-1	1971 03	25.24340	11 58 51.97	+00 30 16.6		4 675	3025 T-2	1999 01	18.31965	08 00 36.30	+20 15 27.6	18.1
2028 T-1	* 1971 03	25.28715	11 58 49.73	+00 30 37.3	18.5	4 675	3025 T-2	1999 01	18.34231	08 00 34.61	+20 15 32.6	18.2
2028 T-1	1971 03	26.25208	11 58 03.85	+00 38 13.7		4 675	3025 T-2	1999 01	18.36539	08 00 32.96	+20 15 37.6	18.6
2028 T-1	1971 03	27.31181	11 57 13.56	+00 46 33.9		4 675	3025 T-2	1999 01	18.38745	08 00 31.22	+20 15 44.4	18.4
2103 T-1	1971 03	24.37118	12 05 31.74	+00 52 46.4		4 675	3044 T-2	1973 09	19.21250	00 09 32.10	-02 30 38.4	4 675
2103 T-1	1971 03	25.24340	12 04 53.94	+00 57 18.5		4 675	3044 T-2	1973 09	19.26354	00 09 30.08	-02 30 53.8	4 675
2103 T-1	* 1971 03	25.28715	12 04 52.10	+00 57 33.2	19.4	4 675	3044 T-2	1973 09	20.27795	00 08 47.59	-02 36 01.4	4 675
2103 T-1	1971 03	26.25208	12 04 10.25	+01 02 30.8		4 675	3044 T-2	1973 09	24.37431	00 05 54.36	-02 56 38.2	4 675
2103 T-1	1971 03	27.31181	12 03 24.38	+01 07 57.9		4 675	3044 T-2	1973 09	24.44167	00 05 51.35	-02 56 58.2	4 675
2103 T-1	1971 04	02.41285	11 59 08.19	+01 38 06.0		4 675	3044 T-2	1973 09	25.26875	00 05 16.59	-03 01 04.7	4 675
2287 T-1	1971 03	24.37118	12 20 27.05	+01 35 31.5		4 675	3044 T-2	1973 09	25.33299	00 05 13.81	-03 01 24.0	4 675
2287 T-1	1971 03	24.40486	12 20 25.30	+01 35 45.8		4 675	3044 T-2	1973 09	29.27986	00 02 27.04	-03 20 36.9	4 675
2287 T-1	1971 03	25.24340	12 19 40.75	+01 42 39.8		4 675	3044 T-2	1973 09	29.34375	00 02 24.16	-03 20 54.3	4 675
2287 T-1	* 1971 03	25.28715	12 19 38.33	+01 42 59.9	19.2	4 675	3044 T-2	1973 09	30.23524	00 01 47.02	-03 25 10.0	4 675
2287 T-1	1971 03	26.25208	12 18 47.25	+01 50 50.4		4 675	3044 T-2	* 1973 09	30.30174	00 01 44.14	-03 25 28.7	18.6
2287 T-1	1971 03	27.31181	12 17 50.29	+01 59 27.2		4 675	3044 T-2	1973 10	04.31493	23 58 59.19	-03 43 52.9	4 675
2287 T-1	1971 04	02.41285	12 12 28.47	+02 47 28.3		4 675	3044 T-2	1973 10	04.37674	23 58 56.60	-03 44 10.2	4 675
2287 T-1	1971 04	16.16458	12 01 45.41	+04 19 48.9		4 675	3044 T-2	1973 10	05.34167	23 58 18.10	-03 48 27.9	4 675
2287 T-1	1971 04	16.25069	12 01 41.77	+04 20 18.5		4 675	3044 T-2	1973 10	05.40347	23 58 15.44	-03 48 43.1	4 675
2287 T-1	1971 05	13.17535	11 51 59.62	+05 41 49.2		4 675	3072 T-2	1999 01	16.19979	06 50 22.65	+24 44 12.0	18.1
2287 T-1	1971 05	14.20694	11 51 58.81	+05 42 07.3		4 675	3072 T-2	1999 01	16.22176	06 50 21.42	+24 44 14.7	704
2287 T-1	1971 05	16.31510	11 52 01.99	+05 42 08.7		4 675	3072 T-2	1999 01	16.24384	06 50 20.20	+24 44 17.4	18.4
3074 T-1	1999 01	16.20954	07 18 07.43	+29 51 38.0	19.1	704	3072 T-2	1999 01	16.26579	06 50 18.94	+24 44 19.2	18.5
3074 T-1	1999 01	16.23150	07 18 06.28	+29 51 38.2	19.6	704	3163 T-2	1999 01	13.49698	12 11 14.69	+03 31 44.9	19.2 R
3074 T-1	1999 01	16.25358	07 18 04.89	+29 51 38.5	19.8	704	3163 T-2	1999 01	13.51227	12 11 15.09	+03 31 43.8	699
3074 T-1	1999 01	16.27550	07 18 03.50	+29 51 38.8	19.9	704	3163 T-2	1999 01	13.52756	12 11 15.48	+03 31 42.8	699
3089 T-1	1999 01	20.19784	06 47 45.75	+20 39 24.0	18.0	704	3281 T-2	1999 01	19.26341	09 05 20.83	+12 44 39.1	18.3 R
3089 T-1	1999 01	20.21962	06 47 44.50	+20 39 26.9	18.0	704	3281 T-2	1999 01	19.28050	09 05 19.81	+12 44 44.5	18.8 R
3089 T-1	1999 01	20.24164	06 47 43.21	+20 39 27.0		704	3281 T-2	1999 01	24.84821	08 59 50.04	+13 14 04.6	18.4
3089 T-1	1999 01	20.26344	06 47 41.95	+20 39 28.1	17.8	704	3281 T-2	1999 01	24.86190	08 59 49.19	+13 14 09.4	120
3089 T-1	1999 01	20.28601	06 47 40.65	+20 39 28.2	17.6	704	3281 T-2	1999 01	24.90816	08 59 46.54	+13 14 21.9	120
3273 T-1	1971 03	24.42015	12 40 37.86	-03 48 41.5		4 675	3335 T-2	1999 01	05.79026	01 06 31.78	+05 26 07.8	19.5 V
3273 T-1	1971 03	25.33090	12 39 46.47	-03 44 25.2		4 675	3335 T-2	1999 01	05.81335	01 06 33.35	+05 26 20.5	19.7 V
3273 T-1	1971 03	26.29653	12 38 51.27	-03 39 50.6		4 675	3335 T-2	1999 01	05.83749	01 06 34.98	+05 26 33.3	19.5 V
3273 T-1	* 1971 03	26.33611	12 38 48.88	-03 39 58.6	18.2	4 675	4064 T-2	1999 01	16.57867	07 00 21.46	+08 48 20.5	16.7 R
3273 T-1	1971 03	27.33854	12 37 50.95	-03 34 48.5		4 675	4064 T-2	1999 01	16.59339	07 00 20.49	+08 48 24.5	16.4 R
3273 T-1	1971 04	02.42604	12 31 51.74	-03 04 55.2		4 675	4064 T-2	1999 01	17.57196	06 59 22.74	+08 53 10.3	17.1 R
3273 T-1	1971 04	16.22812	12 18 54.12	-02 01 22.2		4 675	4064 T-2	1999 01	19.55145	06 57 28.40	+09 03 09.5	16.5 R
3273 T-1	1971 04	16.30139	12 18 50.27	-02 01 03.4		4 675	4064 T-2	1999 01	19.56714	06 57 27.54	+09 03 14.7	16.8 R
3273 T-1	1971 05	13.18941	12 05 24.45	-01 09 26.2	19.0	4 675	4064 T-2	1999 01	19.58453	06 57 26.51	+09 03 20.2	16.9 R
3273 T-1	1971 05	13.20278	12 05 24.38	-01 09 25.8	19.0	4 675	4064 T-2	1999 01	20.19987	06 56 52.01	+09 06 26.5	17.4
3273 T-1	1971 05	14.21962	12 05 19.54	-01 10 06.8	18.5	4 675	4064 T-2	1999 01	20.22165	06 56 50.66	+09 06 32.1	704
3273 T-1	1971 05	14.23246	12 05 19.57	-01 10 05.5	19.0	4 675	4064 T-2	1999 01	20.24367	06 56 49.44	+09 06 38.5	17.9
3273 T-1	1971 05	16.29774	12 05 16.27	-01 12 03.2		4 675	4064 T-2	1999 01	20.26547	06 56 48.09	+09 06 46.8	704
4164 T-1	1999 01	19.20693	07 35 31.86	+24 58 26.4	17.4	704	4196 T-2	1999 01	16.20023	06 55 31.99	+25 12 29.8	17.8
4164 T-1	1999 01	19.22929	07 35 30.57	+24 58 28.3		704	4196 T-2	1999 01	16.22220	06 55 30.75	+25 12 32.3	18.1
4164 T-1	1999 01	19.25154	07 35 29.30	+24 58 31.8	18.3	704	4196 T-2	1999 01	16.24428	06 55 29.54	+25 12 35.2	17.8
4164 T-1	1999 01	19.27370	07 35 27.95	+24 58 34.8	17.4	704	4196 T-2	1999 01	16.26622	06 55 28.39	+25 12 37.9	18.3
4342 T-1	1999 01	19.41347	08 45 43.71	+26 48 36.1	18.9	704	4212 T-2	1999 01	16.08834	05 38 01.49	+30 42 54.8	17.9
4342 T-1	1999 01	19.43534	08 45 42.59	+26 48 41.5	18.9	704	4212 T-2	1999 01	16.11037	05 38 00.59	+30 42 55.1	17.9
4342 T-1	1999 01	19.47908	08 45 39.69	+26 48 56.9	18.3	704	4212 T-2	1999 01	16.13237	05 37 59.66	+30 42 54.9	18.0
4342 T-1	1999 01	19.50107	08 45 38.46	+26 49 02.8	18.3	704	4212 T-2	1999 01	16.15512	05 37 58.69	+30 42 55.2	18.1
4403 T-1	1971 03	26.31007	12 45 16.31	+03 40 11.4		4 675	4212 T-2	1999 01	16.17718	05 37 57.84	+30 42 53.4	18.1
4403 T-1	* 1971 03	26.34896	12 45 13.98	+03 40 19.6	19.6	4 675	4311 T-2	1999 01	19.98831	10 41 53.87	+08 39 52.7	19.3 V
4403 T-1	1971 03	27.35208	12 44 16.12	+03 43 19.1		4 675	4311 T-2	1999 01	20.01194	10 41 53.38	+08 39 58.1	19.2 V
4403 T-1	1971 04	02.43993	12 38 22.57	+04 00 11.4		4 675	4311 T-2	1999 01	20.04440	10 41 52.67	+08 40 05.5	19.4 V
1231 T-2	1999 01	05.74176	23 43 40.76	-01 34 34.2	20.3	V 910	4311 T-2	1999 01	21.02337	10 41 32.40	+08 43 56.0	19.1 V
1231 T-2	1999 01	05.77319	23 43 41.77	-01 34 27.2	20.7	V 910	4311 T-2	1999 01	21.04765	10 41 31.81	+08 44 01.7	19.2 V
1231 T-2	1999 01	05.77337	23 43 42.78	-01 34 20.2	20.8	V 910	4311 T-2	1999 01	21.07651	10 41 31.15	+08 44 09.0	19.2 V
1282 T-2	1998 12	22.41758	07 58 41.66	+19 35 52.7	17.9	704	4311 T-2	1999 01	23.10201	10 40 43.43	+08 52 41.6	19.2 V
1282 T-2	1998 12	22.44037	07 58 40.63	+19 35 54.3	17.9	704	4311 T-2	1999 01	23.12759	10 40 42.73	+08 52 48.5	19.5 V
1282 T-2	1998 12	22.46318	07 58 39.63	+19 35 55.1	17.9	704	4311 T-2	1999 01	23.15187	10 40 42.07	+08 52 55.0	19.3 V
1282 T-2	1998 12	22.48676	07 58 38.54	+19 35 57.9	18.0	704	5148 T-2	1999 01	10.26781	08 16 42.88	+21 57 58.5	18.3 V
1282 T-2	1998 12	22.50960	07 58 37.65	+19 35 59.6	18.0	704	5148 T-2	1999 01	10.30402	08 16 40.27	+21 58 01.6	18.1 V
1282 T-2	1998 12	23.26491	07 58 05.82	+19 37 09.1	18.3	704	5148 T-2	1999 01	10.32658	08 16 38.65	+21 58 03.7	18.3 V
1282 T-2	1998 12	23.27188	07 58 05.51	+19 37 09.2	18.3	704	5148 T-2	1999 01	17.29890	08 08 19.		

1084 T-3	1999 01	17.15708	03 25 59.12	+18 07 39.0	19.0 V	691	3813 T-3	1999 01	10.33336	08 26 25.19	+21 46 12.0	21.1 V	691
1084 T-3	1999 01	17.17874	03 25 59.43	+18 07 37.9	19.0 V	691	4049 T-3	1999 01	15.15781	01 37 23.25	+09 32 35.4	20.0 V	691
1084 T-3	1999 01	17.20064	03 25 59.74	+18 07 35.7	18.9 V	691	4049 T-3	1999 01	15.17902	01 37 24.71	+09 32 48.2	19.4 V	691
1110 T-3	1999 01	11.24246	04 41 49.22	+22 09 59.6	18.0	704	4049 T-3	1999 01	15.20004	01 37 26.17	+09 33 02.2	20.2 V	691
1110 T-3	1999 01	11.25317	04 41 48.87	+22 09 56.4	18.0	704	4049 T-3	1999 01	19.11535	01 42 14.32	+10 15 09.8	19.7 V	691
1110 T-3	1999 01	11.26375	04 41 48.50	+22 09 54.9	18.2	704	4049 T-3	1999 01	19.13661	01 42 15.89	+10 15 23.4	19.8 V	691
1110 T-3	1999 01	11.27433	04 41 48.24	+22 09 52.3	18.2	704	4049 T-3	1999 01	19.15842	01 42 17.53	+10 15 37.9	19.8 V	691
1110 T-3	1999 01	11.28489	04 41 47.88	+22 09 47.9	18.2	704	4050 T-3	1999 01	10.37266	08 16 44.79	+16 52 46.6	17.8 R	699
1140 T-3	1999 01	06.09580	02 16 10.33	+17 40 57.3	18.4	725	4050 T-3	1999 01	10.39818	08 16 43.29	+16 52 54.4		699
1140 T-3	1999 01	06.12841	02 16 11.24	+17 40 55.1	18.6	725	4050 T-3	1999 01	10.42370	08 16 41.83	+16 53 02.2		699
1140 T-3	1999 01	10.08697	02 18 17.25	+17 38 10.1	18.5	725	4050 T-3	1999 01	14.91700	08 12 26.62	+17 17 32.3	18.0	120
1140 T-3	1999 01	10.17223	02 18 20.10	+17 38 07.5	18.6	725	4050 T-3	1999 01	14.93672	08 12 25.45	+17 17 38.7		120
2025 T-3	1999 01	07.25868	01 15 10.04	+12 50 00.8		4 675	4050 T-3	1999 01	14.95183	08 12 24.53	+17 17 44.0		120
2025 T-3	1999 01	11.27743	01 11 46.70	+12 18 18.0		4 675	4050 T-3	1999 01	15.81308	08 11 34.52	+17 22 31.5	18.0	120
2025 T-3	1999 01	11.34375	01 11 43.16	+12 17 44.8		4 675	4050 T-3	1999 01	15.86719	08 11 31.26	+17 22 49.9		120
2025 T-3	1999 01	12.27587	01 10 55.68	+12 10 04.0		4 675	4050 T-3	1999 01	16.84464	08 10 33.94	+17 28 18.7	18.0	120
2025 T-3	1999 01	12.34271	01 10 52.09	+12 09 30.8		4 675	4050 T-3	1999 01	16.84755	08 10 33.76	+17 28 21.9		120
2025 T-3	* 1997 10	16.26233	01 07 32.41	+11 36 24.1	18.0	4 675	4050 T-3	1999 01	16.86840	08 10 32.49	+17 28 26.8		120
2025 T-3	1997 10	16.32795	01 07 28.83	+11 35 50.7		4 675	4050 T-3	1999 01	16.87098	08 10 32.34	+17 28 27.8		120
2025 T-3	1997 10	17.26458	01 06 41.88	+11 27 50.8		4 675	4050 T-3	1999 01	16.87724	08 10 31.96	+17 28 29.9		120
2025 T-3	1997 10	17.33177	01 06 38.22	+11 27 16.0		4 675	4310 T-3	1999 01	06.80449	02 48 19.68	+16 03 56.1	19.2 V	910
2025 T-3	1997 10	21.40868	01 03 18.90	+10 51 57.9		4 675	4310 T-3	1999 01	06.83042	02 48 19.81	+16 04 00.0	19.2 V	910
2025 T-3	1997 10	21.46910	01 03 15.89	+10 51 26.2		4 675	4310 T-3	1999 01	06.85506	02 48 19.94	+16 04 03.9	19.3 V	910
2025 T-3	1997 10	22.41528	01 02 31.69	+10 43 17.6		4 675	4327 T-3	1999 01	19.83220	02 45 49.27	+17 46 02.8	19.1 V	910
2025 T-3	1997 10	22.46962	01 02 29.04	+10 42 47.3		4 675	4327 T-3	1999 01	19.85532	02 45 49.80	+17 46 07.5	19.3 V	910
2157 T-3	1999 01	18.09197	05 39 21.99	+18 47 35.7	17.2	704	4327 T-3	1999 01	19.87784	02 45 50.27	+17 46 12.9	19.6 V	910
2157 T-3	1999 01	18.11397	05 39 21.11	+18 47 34.4	17.7	704	4333 T-3	1999 01	22.92632	09 36 26.99	+13 58 26.7	18.5	120
2157 T-3	1999 01	18.13595	05 39 20.37	+18 47 34.8	17.6	704	4333 T-3	1999 01	22.99083	09 36 24.54	+13 58 42.2		120
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132	1999 01 10.23924	06 17 52.14	-00 11 56.7		720	215	1999 01 26.63303	10 20 59.69	+12 38 01.5	12.0 R	426
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189	1999 01 17.08706	10 45 13.53	+01 01 33.1	13.7 R	118	270	1998 12 31.129977	03 08 10.000	+17 55 58.33		673
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277	1999 01	05.16124	03 56 13.78	+19 44 32.5	13.4 R	699	351	1999 01	16.80593	07 29 30.74	+25 30 34.3		120
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277	1999 01	05.20329	03 56 13.02	+19 44 30.2		699	357	1999 01	24.01619	09 44 32.93	+13 24 31.5		120
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294	1999 01	18.36802	09 07 28.20	+15 37 08.9	15.7 V	691	373	1999 01	09.14689	02 32 11.39	+32 45 01.3		699
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295	1999 01	11.13107	02 03 21.48	+14 43 30.6		704	379	1998 10	20.45234	05 19 27.87	+20 59 49.5	13.0 V	689
295	1999 01	11.15225	02 03 22.70	+14 43 33.7		704	389	1998 12	29.246875	07 32 07.310	+20 57 15.92		673
297	1999 01	08.16420	02 09 25.96	+22 31 23.2	13.6 R	699	389	1998 12	29.251678	07 32 07.018	+20 57 15.62		673
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304	1999 01	15.43597	10 32 49.16	+03 17 29.1	13.3 R	699	389	1999 01	07.312593	07 22 43.984	+20 46 04.87		673
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305	1999 01	06.15242	02 24 18.26	+11 25 43.8		699	389	1999 01	20.91128	07 08 25.43	+20 27 52.9		610
305	1999 01	06.17282	02 24 18.68	+11 25 45.5		699	389	1999 01	20.91870	07 08 24.98	+20 27 52.3		610
306	1999 01	10.30868	06 37 12.21	+15 54 30.1	12.0 R	722	389	1999 01	20.92565	07 08 24.55	+20 27 51.8		610
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306	1999 01	11.23090	06 36 15.78	+15 57 51.5	12.2 R	722	396	1999 01	06.11675	02 12 45.39	+14 16 57.6	15.9 R	699
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312	1999 01	05.07791	01 18 38.49	+14 39 17.2	14.6 R	699	420	1999 01	06.13839	02 18 18.11	+15 19 58.0		699
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313	1999 01	06.11615	05 59 24.43	+01 45 09.6	12.9 R	761	423	1999 01	07.180845	02 22 20.874	+10 17 39.21		673
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881	1999 01 08.26884	04 08 24.21	+27 29 37.9	704	996	1999 01 23.18682	11 06 48.51	+05 59 27.8		106
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896	1999 01 11.08239	01 35 12.77	+14 10 24.9	704	1023	1999 01 13.10856	00 14 07.76	+00 05 51.6		699
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1115	1999 01	07.09132	00 37 19.35	-08 28 03.0		704	1186	1999 01	20.10446	01 27 58.62	+09 21 43.7	15.0 V 691
1115	1999 01	07.10188	00 37 19.80	-08 27 55.5		704	1186	1999 01	20.11533	01 27 59.16	+09 21 48.5	15.1 V 691
1117	1999 01	10.08021	23 21 23.01	-07 03 25.5	16.1 R	699	1188	1998 12	17.07608	00 12 31.52	+05 00 04.7	14.9 V 837
1117	1999 01	10.09549	23 21 24.74	-07 03 14.8		699	1188	1998 12	17.11196	00 12 34.41	+05 00 26.3	14.2 V 837
1117	1999 01	10.11078	23 21 26.44	-07 03 03.8		699	1188	1998 12	23.05377	00 21 05.00	+06 01 22.3	14.5 V 837
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1124	1999 01	13.07319	00 05 53.97	+00 15 44.4	16.1 R	699	1190	1999 01	10.08021	23 15 38.18	-05 38 19.4	17.6 R 699
1124	1999 01	13.08846	00 05 54.91	+00 15 52.1		699	1190	1999 01	10.09549	23 15 39.60	-05 38 08.6	699
1124												

1222	1999 01	08.17293	01 45 15.08	+17 36 40.4	704	1292	1999 01	11.07483	00 57 45.86	+08 07 44.2	704
1222	1999 01	11.12928	01 47 25.27	+17 27 24.1	704	1292	1999 01	11.08549	00 57 46.49	+08 07 47.6	704
1222	1999 01	11.13977	01 47 25.91	+17 27 23.4	704	1292	1999 01	11.09662	00 57 47.05	+08 07 52.1	704
1222	1999 01	11.15045	01 47 26.23	+17 27 20.6	704	1292	1999 01	11.10780	00 57 47.66	+08 07 55.0	704
1222	1999 01	11.16093	01 47 26.76	+17 27 17.8	704	1292	1999 01	11.11880	00 57 48.37	+08 07 57.0	704
1222	1999 01	11.17144	01 47 27.27	+17 27 15.7	704	1299	1999 01	07.07171	00 39 44.85	-02 13 35.1	704
1225	1999 01	10.12788	01 00 04.53	+08 19 33.8	16.2 R	1299	1999 01	07.08201	00 39 45.57	-02 13 29.5	704
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1225	1999 01	10.18225	01 00 08.29	+08 19 58.3	699	1299	1999 01	07.10312	00 39 47.04	-02 13 20.0	704
1231	1999 01	13.50208	11 44 28.46	+03 40 00.9	16.4 R	1299	1999 01	07.11362	00 39 47.91	-02 13 15.6	704
1231	1999 01	13.51736	11 44 28.57	+03 39 56.8	699	1307	1998 12	30.72681	08 06 30.84	+14 02 48.0	14.6
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1240	1999 01	09.68920	02 48 07.11	+29 40 21.3	118	1307	1998 12	30.75279	08 06 29.19	+14 02 46.9	327
1240	1999 01	09.69782	02 48 07.28	+29 40 19.4	118	1307	1999 01	06.75316	07 59 47.02	+14 05 12.9	14.3
1240	1999 01	11.79664	02 48 55.80	+29 32 23.1	14.4	635	1999 01	06.77453	07 59 45.65	+14 05 14.1	327
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1240	1999 01	16.85034	02 51 20.54	+29 15 25.2	13.3 R	151	1999 01	08.17819	02 16 42.25	+20 01 23.3	699
1240	1999 01	17.05735	02 51 27.30	+29 14 48.2	14.7 V	832	1999 01	08.20362	02 16 42.72	+20 01 23.8	699
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1240	1999 01	17.78516	02 51 51.51	+29 12 39.2	057	1317	1999 01	08.46656	07 52 11.14	+52 17 55.5	699
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1240	1999 01	17.78794	02 51 51.67	+29 12 38.1	057	1317	1999 01	08.48415	07 52 09.78	+52 17 55.6	699
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1240	1999 01	19.13465	02 52 38.45	+29 08 47.0	16.3	750	1999 01	10.12788	00 59 33.37	+08 29 40.8	16.9 R
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1240	1999 01	20.75279	02 53 38.22	+29 04 27.1	610	1328	1999 01	14.30841	08 26 14.67	+11 01 04.8	699
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1240	1999 01	20.76875	02 53 38.77	+29 04 24.6	610	1329	1999 01	07.12927	02 03 42.21	-05 08 24.8	704
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1240	1999 01	21.72891	02 54 16.05	+29 01 59.3	046	1329	1999 01	07.15076	02 03 42.96	-05 08 11.8	704
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1240	1999 01	24.15116	02 55 55.14	+28 56 21.7	14.6	740	1999 01	10.46369	08 42 40.26	+20 11 33.5	15.4 R
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1244	1999 01	15.15742	03 08 52.71	+22 42 23.4	14.9 R	699	1999 01	20.84850	08 33 50.02	+20 54 33.7	106
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1244	1999 01	15.18793	03 08 53.33	+22 42 16.6	699	1349	1999 01	08.08491	00 54 19.60	+17 20 39.5	704
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1249	1999 01	08.10531	00 43 12.90	+08 16 22.0	704	1350	1999 01	14.46710	10 28 13.24	+09 48 36.1	15.3 R
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1397	1999 01	10.13807	01 10 43.35	+04 58 29.3	17.0 R	699	1486	1999 01	15.14241	11 45 12.28	+01 36 01.2	120
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1401	1999 01	08.09438	00 45 51.07	+12 01 59.9		704	1496	1999 01	20.89672	09 32 31.18	+13 14 18.7	120
1401	1999 01	08.10560	00 45 52.13	+12 02 03.2		704	1496	1999 01	20.92440	09 32 29.57	+13 14 24.4	120
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1409	1999 01	05.44819	13 31 20.96	+08 44 39.2	16.1 R	699	1508	1999 01	05.72359	00 20 28.24	+24 16 19.6	15.2 R
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1415	1999 01	08.10531	00 43 01.71	+08 16 31.1		704	1510	1998 12	24.41625	00 27 31.60	+16 12 56.3	16.5
1415	1999 01	08.11681	00 43 02.38	+08 16 36.0		704	1510	1998 12	24.42456	00 27 31.90	+16 12 56.8	327
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1415	1999 01	10.17969	00 45 12.70	+08 28 30.6		699	1510	1999 01	08.09282	00 38 43.98	+16 41 47.8	704
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1541	1999 01	13.49698	12 07 15.32	+01 37 55.0	16.3 R	699	1627	1998 12	15.15261	05 03 11.51	+10 30 38.9	15.1 V
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1542	1999 01	05.45074	13 22 45.46	-10 00 47.5	16.6 R	699	1627	1998 12	16.09731	05 01 52.21	+10 32 43.2	15.7 V
1542	1999 01	05.47260	13 22 46.31	-10 00 52.7		699	1627	1998 12	16.10564	05 01 51.48	+10 32 44.8	15.8 V
1542	1999 01	05.49377	13 22 47.19	-10 00 58.1		699	1627	1998 12	16.12231	05 01 50.11	+10 32 47.0	15.4 V
1546	1999 01	09.19650	04 12 41.24	+00 44 51.7	14.8 R	699	1627	1999 01	07.21093	04 37 46.50	+11 50 01.8	15.7 R
1546	1999 01	09.21691	04 12 40.93	+00 44 55.0		699	1627	1999 01	07.23918	04 37 45.20	+11 50 09.6	699
1546	1999 01	09.23729	04 12 40.58	+00 44 58.5		699	1627	1999 01	07.26468	04 37 44.06	+11 50 16.3	699
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1577	1999 01	07.13991	06 53 34.67	+20 07 01.5		716	1645	1999 01	14.88169	02 57 00.49	+17 18 20.0	16.3 V
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1579	1999 01	10.11205	23 00 17.72	-05 18 58.1		699	1650	1998 12	17.50904	02 12 26.91	+11 18 46.1	16.0
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1717	1999 01 08.10560	00 48 53.48	+12 09 20.9		704	1774	1999 01 14.42341	08 59 54.61	+14 50 22.9		699
1717	1999 01 08.11709	00 48 54.43	+12 09 26.4		704	1777	1999 01 10.07512	23 05 45.76	-04 22 34.2	16.9 R	699
1720	1999 01 13.08719	00 32 43.52	+02 44 04.3	16.2 R	699	1777	1999 01 10.09039	23 05 46.98	-04 22 26.5		699
1720	1999 01 13.10245	00 32 44.91	+02 44 13.3		699	1777	1999 01 10.10566	23 05 48.22	-04 22 18.1		699
1720	1999 01 13.12001	00 32 46.53	+02 44 24.6		699	1782	1999 01 05.15997	03 48 40.71	+18 00 43.6	17.2 R	699
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1723	1999 01 13.51865	11 52 22.16	+03 10 42.7		699	1782	1999 01 05.20200	03 48 39.84	+18 00 41.8		699
1723	1999 01 13.53394	11 52 22.38	+03 10 44.1		699	1783	1999 01 11.08405	01 45 05.86	+02 27 07.0		704
1732	1999 01 17.14431	03 07 45.63	+04 02 55.9	15.3 R	699	1783	1999 01 11.09518	01 45 06.17	+02 27 10.5		704
1732	1999 01 17.15960	03 07 45.94	+04 03 01.9		699	1783	1999 01 11.10636	01 45 06.63	+02 27 14.4		704
1732	1999 01 17.17486	03 07 46.22	+04 03 06.6		699	1787	1999 01 16.78626	07 30 21.65	+25 19 59.1	16.2	120
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1738	1999 01 08.20574	02 38 22.09	+18 13 36.3		704	1799	1999 01 07.12990	02 18 22.64	-00 07 28.6		704
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1739	1999 01 14.37185	09 35 49.99	+08 58 35.4	16.6 R	699	1800	1999 01 10.01372	08 53 15.00	+17 16 07.1		120
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1740	1999 01 15.42576	10 45 53.99	+06 21 53.4	17.8 R	699	1800	1999 01 10.43139	08 52 53.31	+17 18 30.2		699
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1741	1999 01 10.47773	09 33 18.89	+18 45 54.9		699	1807	1998 11 28.76001	06 48 44.53	+19 59 01.6		327
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1742	1999 01 05.79742	01 16 52.48	+05 19 46.5	17.1 V	910	1807	1998 11 28.78819	06 48 43.36	+19 58 57.9		327
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1845	1999 01	14.18821	04 47 42.42	+09 37 13.1	15.1 R	699	1939	1999 01	07.15013	07 01 46.36	+23 51 01.6	716
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1845	1999 01	14.22389	04 47 41.57	+09 37 22.5		699	1939	1999 01	08.13778	07 00 53.36	+23 52 23.3	716
1848	1998 12	30.76567	09 07 32.24	+17 32 18.4		327	1948	1999 01	24.91219	08 32 28.19	+28 51 40.5	106
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1850	1999 01	10.45222	09 12 21.81	+21 48 18.6	16.4 R	699	1950	1999 01	11.11270	01 21 53.77	+06 46 17.7	704
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1857	1999 01	08.11429	01 17 29.40	+08 39 28.3		704	1956	1999 01	06.14986	02 14 57.16	+11 43 25.7	699
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1865	1998 11	01.43493	05 41 38.95	+04 52 52.9	16.1 V	689	1959	1999 01	15.37303	09 53 24.87	+07 44 20.8	699
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2425	1999 01	07.10319	00 42 22.39	-00 21 48.8	17.4	704	2520	1999 01	13.11619	00 15 40.25	+03 34 29.9		699
2427	1999 01	13.08083	00 05 46.50	+02 12 46.8	17.2 R	699	2522	1999 01	15.35258	09 46 10.08	+04 10 41.2	14.9 R	699
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2440	1999 01	10.10156	05 55 13.01	+18 27 35.4	16.6 R	747	2523	1999 01	15.34365	09 39 26.23	+06 48 24.1	15.8 R	699
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2441	1999 01	07.10567	01 00 58.92	+01 59 10.5	17.5	704	2524	1999 01	11.08316	01 43 47.32	+11 00 50.8	18.0	704
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2681	1999 01	11.16254	01 59 23.35	+11 04 18.9	17.9	704	2799	1999 01	14.40684	09 13 34.88	+12 23 59.4		699
2681	1999 01	11.17302	01 59 23.78	+11 04 21.6	17.9	704	2799	1999 01	14.42725	09 13 33.78	+12 24 01.8		699
2702	1999 01	11.45510	02 28 59.26	+15 05 34.2	17.7	327	2799	1999 01	24.87687	09 03 42.91	+12 44 46.8	18.1	120
2702	1999 01	11.47520	02 28 59.46	+15 05 34.7		327	2799	1999 01	25.85897	09 02 43.15	+12 47 08.6	18.2	120
2702	1999 01	11.49500	02 28 59.67	+15 05 35.3		327	2799	1999 01	25.92995	09 02 38.64	+12 47 18.7		120
2702	1999 01	14.46588	02 29 38.08	+15 07 35.6									

2833	1999 01	13.11530	01 23 02.51	+10 08 54.5	17.2 V	691	2906	1999 01	07.19282	03 07 43.99	+01 14 41.1	17.1	704
2833	1999 01	13.14757	01 23 03.98	+10 09 03.5	17.3 V	691	2906	1999 01	07.20323	03 07 43.77	+01 14 49.9	17.5	704
2833	1999 01	22.09087	01 30 50.15	+10 51 56.2	17.3 V	691	2906	1999 01	07.21364	03 07 43.74	+01 14 58.2	17.1	704
2833	1999 01	22.09650	01 30 50.46	+10 51 57.9	17.3 V	691	2906	1999 01	07.22396	03 07 43.71	+01 15 08.4	17.1	704
2833	1999 01	22.10261	01 30 50.79	+10 51 59.9	17.3 V	691	2906	1999 01	17.14431	03 07 38.37	+03 21 32.0	14.6 R	699
2848	1999 01	02.07770	22 46 18.59	-07 30 22.9	17.2 R	699	2906	1999 01	17.15960	03 07 38.45	+03 21 43.8		699
2848	1999 01	02.09809	22 46 20.25	-07 30 12.8		699	2906	1999 01	17.17486	03 07 38.54	+03 21 55.6		699
2848	1999 01	02.11855	22 46 21.93	-07 30 01.6		699	2915	1999 01	09.23353	04 40 05.24	+42 19 26.2	18.8	704
2848	1999 01	10.08148	22 57 43.10	-06 19 19.1	17.4 R	699	2915	1999 01	09.24397	04 40 04.82	+42 19 18.8	18.3	704
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2848	1999 01	10.11205	22 57 45.75	-06 19 04.2		699	2915	1999 01	09.26549	04 40 03.95	+42 19 12.7	18.3	704
2849	1999 01	10.14061	01 03 01.12	+06 04 06.9	18.3 R	699	2915	1999 01	09.27626	04 40 03.61	+42 19 06.4	18.3	704
2849	1999 01	10.16949	01 03 02.60	+06 04 20.3		699	2926	1999 01	11.07816	01 16 25.67	+07 53 13.3	18.2	704
2849	1999 01	10.19501	01 03 03.99	+06 04 32.3		699	2926	1999 01	11.08903	01 16 26.28	+07 53 15.4	18.2	704
2849	1999 01	11.07573	01 03 51.98	+06 11 23.5	18.1	704	2926	1999 01	11.10015	01 16 26.86	+07 53 19.3	18.9	704
2849	1999 01	11.08652	01 03 52.57	+06 11 27.9	18.1	704	2926	1999 01	11.11127	01 16 27.38	+07 53 21.1	18.9	704
2849	1999 01	11.09755	01 03 53.04	+06 11 33.5	18.7	704	2926	1999 01	11.12214	01 16 28.01	+07 53 22.9	19.1	704
2849	1999 01	11.10876	01 03 53.64	+06 11 39.4	18.7	704	2927	1999 01	09.52357	10 05 38.50	+06 07 38.0	16.6 V	691
2854	1999 01	08.15277	02 18 28.48	+19 58 33.9	17.2 R	699	2927	1999 01	09.53420	10 05 38.26	+06 07 41.4	16.7 V	691
2854	1999 01	08.17819	02 18 29.06	+19 58 32.7		699	2927	1999 01	09.54429	10 05 38.01	+06 07 44.5	16.7 V	691
2854	1999 01	08.20362	02 18 29.74	+19 58 30.4		699	2927	1999 01	15.41684	10 02 58.62	+06 41 31.0	16.3 R	699
2854	1999 01	11.13399	02 19 53.82	+19 54 50.8	17.3	704	2927	1999 01	15.44235	10 02 57.82	+06 41 40.5		699
2854	1999 01	11.14459	02 19 54.22	+19 54 50.3		704	2927	1999 01	15.46782	10 02 57.01	+06 41 50.0		699
2854	1999 01	11.15516	02 19 54.38	+19 54 48.0		704	2931	1999 01	01.45485	01 02 50.91	+07 14 41.4	17.0	327
2854	1999 01	11.16567	02 19 54.70	+19 54 50.2		704	2931	1999 01	01.46750	01 02 51.39	+07 14 44.9		327
2854	1999 01	11.17617	02 19 55.16	+19 54 50.1	18.3	704	2931	1999 01	01.48019	01 02 51.86	+07 14 48.1		327
2862	1999 01	06.19275	02 49 37.20	+14 17 00.5	16.0 R	699	2931	1999 01	08.07724	01 07 27.29	+07 45 27.1	17.6	704
2862	1999 01	06.21920	02 49 37.67	+14 17 01.5		699	2931	1999 01	08.08845	01 07 27.72	+07 45 31.3	17.6	704
2862	1999 01	06.24073	02 49 38.03	+14 17 02.1		699	2931	1999 01	08.10014	01 07 28.21	+07 45 33.5	17.6	704
2862	1999 01	11.18239	02 51 36.87	+14 22 02.3	18.5	704	2931	1999 01	08.11143	01 07 28.79	+07 45 36.1	17.6	704
2862	1999 01	11.20337	02 51 37.43	+14 22 04.2	18.5	704	2931	1999 01	08.12234	01 07 29.30	+07 45 39.4	17.6	704
2862	1999 01	11.21388	02 51 37.81	+14 22 05.3	18.5	704	2931	1999 01	10.12916	01 09 01.38	+07 55 45.8	17.3 R	699
2862	1999 01	11.22437	02 51 38.19	+14 22 06.6	18.6	704	2931	1999 01	10.15691	01 09 02.67	+07 55 54.0		699
2862	1999 01	21.75020	02 58 22.83	+14 44 53.0	18.0 V	610	2931	1999 01	10.18352	01 09 03.87	+07 56 02.1		699
2862	1999 01	21.75506	02 58 23.04	+14 44 53.6		610	2931	1999 01	11.07710	01 09 46.28	+08 00 38.2	17.5	704
2862	1999 01	21.75972	02 58 23.25	+14 44 54.1		610	2931	1999 01	11.08797	01 09 46.85	+08 00 43.0		704
2862	1999 01	21.76579	02 58 23.51	+14 44 54.9		610	2931	1999 01	11.09906	01 09 47.25	+08 00 45.7		704
2862	1999 01	21.77204	02 58 23.78	+14 44 55.6		610	2931	1999 01	11.11021	01 09 47.80	+08 00 49.2	18.0	704
2867	1999 01	09.76231	01 14 13.57	+05 24 41.8	18.0 V	910	2931	1999 01	11.12109	01 09 48.37	+08 00 51.0	18.4	704
2867	1999 01	09.78531	01 14 14.85	+05 24 55.6	18.0 V	910	2933	1999 01	09.42812	08 48 17.04	+17 56 49.3	15.5 V	691
2867	1999 01	09.80805	01 14 16.13	+05 25 09.2	18.0 V	910	2933	1999 01	09.45416	08 48 15.78	+17 56 58.2	15.6 V	691
2867	1999 01	10.13807	01 14 35.20	+05 28 27.3	17.6 R	699	2933	1999 01	09.48456	08 48 14.31	+17 57 08.5	15.7 V	691
2867	1999 01	10.16696	01 14 36.81	+05 28 45.5		699	2933	1999 01	10.46499	08 47 27.94	+18 02 46.4	15.7 R	699
2867	1999 01	10.19246	01 14 38.24	+05 29 00.4		699	2933	1999 01	10.48539	08 47 26.95	+18 02 53.5		699
2867	1999 01	11.07829	01 15 29.97	+05 37 51.1	18.0	704	2933	1999 01	10.50581	08 47 25.92	+18 03 00.5		699
2867	1999 01	11.08917	01 15 30.55	+05 37 56.6	18.0	704	2936	1999 01	13.43990	09 52 48.88	+17 20 07.5	16.2 R	699
2867	1999 01	11.10029	01 15 31.19	+05 38 02.9	18.1	704	2936	1999 01	13.46028	09 52 48.09	+17 20 09.9		699
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2867	1999 01	11.12228	01 15 32.47	+05 38 18.6	18.5	704	2937	1999 01	06.27248	03 18 46.17	+25 21 04.8	16.0 R	699
2867	1999 01	13.74257	01 18 09.26	+06 04 33.4	17.8 V	910	2937	1999 01	06.29288	03 18 46.54	+25 20 49.4		699
2867	1999 01	13.76949	01 18 10.87	+06 04 49.2	17.8 V	910	2937	1999 01	06.31334	03 18 46.93	+25 20 34.6		699
2867	1999 01	13.79268	01 18 12.27	+06 05 03.7	17.9 V	910	2937	1999 01	08.19006	03 19 27.63	+24 57 56.8	16.7	704
2871	1999 01	13.08464	00 25 28.20	+03 33 12.5	16.8 R	699	2937	1999 01	08.20165	03 19 27.73	+24 57 48.9	16.7	704
2871	1999 01	13.09991	00 25 29.75	+03 33 23.7		699	2937	1999 01	08.21352	03 19 28.05	+24 57 40.9	16.8	704
2873	1999 01	21.19730	13 48 52.64	-04 02 23.1	18.2 V	910	2937	1999 01	08.22521	03 19 28.30	+24 57 31.9		704
2873	1999 01	21.23099	13 48 55.05	-04 02 30.7	16.4 V	910	2937	1999 01	08.23662	03 19 28.65	+24 57 23.0		704
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2873	1999 01	22.20779	13 50 06.14	-04 06 04.2	17.0 V	910	2937	1999 01	11.19621	03 20 45.39	+24 23 55.7	17.2	704
2873	1999 01	22.22423	13 50 07.30	-04 06 07.7	16.9 V	910	2937	1999 01	11.20677	03 20 45.63	+24 23 46.6	16.9	704
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2876	1999 01	08.07394	00 59 07.04	+18 44 34.9	17.8	704	2937	1999 01	11.22774	03 20 46.23	+24 23 33.0	16.9	704
2876	1999 01	08.08482	00 59 07.53	+18 44 38.9	17.8	704	2938	1999 01	19.40956	08 59 25.91	+36 10 05.2	17.0	704
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2876	1999 01	08.10778	00 59 08.70	+18 44 43.0	17.7	704	2938	1999 01	19.45331	08 59 23.16	+36 10 39.4	17.6	704
2876	1999 01	08.11906	00 59 09.28	+18 44 47.2	17.8	704	2938	1999 01	19.47517	08 59 21.78	+36 10 56.7		704
2877	1999 01	14.35911	09 32 08.51	+17 11 19.1	18.0 R	699	2938	1999 01	19.49717	08 59 20.47	+36 11 12.4	17.4	704
2877	1999 01	14.37950	09 32 07.74	+17 11 23.4		699	2940	1999 01	14.37313	09 17 32.17	+09 48 53.0	18.9 R	699
2877	1999 01	14.39919	09 32 06.99	+17 11 28.1		699	2940	1999 01	14.41322	09 17 30.15	+09 48 54.3		699
2878	1999 01	15.42322	10 32 16.22	+07 26 06.3	16.3 R	699	2940	1999 01	14.43363	09 17 30.13	+09 48 55.1		699
2878	1999 01	15.44873	10 32 15.52	+07 26 06.2		699	2948	1998 12	17.43449	01 03 30.35	+04 36 37.0		327
2878	1999 01	15.47420	10 32 14.86	+07 26 05.3		699	2948	1998 12	17.44699	01 03 30.63	+04 36 36.7	17.2	327
2882	1999 01	10.08402	22 45 12.36	-07 44 30.3	17.1 R	699	2948	1998 12	17.45943	01 03 30.92	+04 36 36.2		327
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2882	1999 01	10.11561	22 45 15.24	-07 44 12.8		699	2948	1999 01	07.08713	01 16 12.28	+04 57 09.8</		

2958	1999 01	10.12916	01 10 03.51	+08 35 08.7	18.1 R	699	3107	1999 01	03.46235	01 58 35.18	+13 23 10.4	16.8	327
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2958	1999 01	10.18352	01 10 05.87	+08 35 22.3		699	3107	1999 01	03.48672	01 58 36.30	+13 23 14.9		327
2966	1999 01	11.24155	04 39 29.59	+24 25 13.7	17.1	704	3107	1999 01	03.49897	01 58 36.84	+13 23 17.0		327
2966	1999 01	11.25226	04 39 29.21	+24 25 15.3	17.1	704	3107	1999 01	06.12694	02 00 47.54	+13 31 55.7	16.8 R	699
2966	1999 01	11.27342	04 39 28.44	+24 25 13.9	17.1	704	3107	1999 01	06.14732	02 00 48.55	+13 32 00.1		699
2966	1999 01	11.28398	04 39 28.10	+24 25 11.1	17.1	704	3107	1999 01	06.16772	02 00 49.55	+13 32 04.2		699
2976	1999 01	05.45840	13 54 19.82	-13 31 57.3	18.7 R	699	3107	1999 01	08.13225	02 02 33.24	+13 39 04.5	17.5	704
2976	1999 01	05.48022	13 54 20.62	-13 32 01.3		699	3107	1999 01	08.14313	02 02 33.86	+13 39 07.4		704
2976	1999 01	05.50141	13 54 21.62	-13 32 04.7		699	3107	1999 01	08.15492	02 02 34.42	+13 39 09.5	17.8	704
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2985	1999 01	11.24386	04 55 44.92	+25 36 01.5	17.7	704	3107	1999 01	11.16366	02 05 22.33	+13 50 43.5	19.0	704
2991	1999 01	10.27749	08 30 41.74	+22 02 14.1	18.0 V	691	3115	1999 01	08.07435	00 53 42.64	+12 55 18.7	17.2	704
2991	1999 01	10.31371	08 30 39.55	+22 02 25.5	17.6 V	691	3115	1999 01	08.08528	00 53 43.43	+12 55 21.0		704
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3006	1999 01	06.11928	01 59 12.59	+15 32 55.0	17.6 R	699	3115	1999 01	08.10819	00 53 45.17	+12 55 22.9	17.4	704
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3012	1999 01	09.44052	10 12 55.69	+29 19 39.4	15.4 R	699	3116	1999 01	11.21292	02 45 04.20	+14 24 30.3	17.8	704
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3013	1999 01	13.49698	12 07 40.85	+02 02 12.6	18.1 R	699	3118	1999 01	21.03807	10 02 52.43	+06 22 00.9		106
3013	1999 01	13.51227	12 07 41.33	+02 02 08.9		699	3118	1999 01	21.05478	10 02 51.75	+06 21 59.6		106
3013	1999 01	13.52756	12 07 41.76	+02 02 05.3		699	3119	1999 01	11.13057	01 57 48.78	+07 02 19.9	18.0	704
3016	1999 01	06.13330	02 30 34.55	+11 13 57.8	17.2 R	699	3119	1999 01	11.14113	01 57 49.28	+07 02 24.0	18.0	704
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3017	1999 01	23.16323	03 20 38.14	+18 55 00.2	15.6 V	691	3119	1999 01	17.08686	02 02 27.54	+07 43 08.5	17.4 R	699
3017	1999 01	23.18556	03 20 38.95	+18 54 56.6	16.0 V	691	3119	1999 01	17.10214	02 02 28.29	+07 43 15.0		699
3017	1999 01	23.20791	03 20 39.78	+18 54 53.0	15.9 V	691	3119	1999 01	17.11742	02 02 29.08	+07 43 21.6		699
3026	1998 11	15.68365	00 37 24.68	+07 02 12.7		327	3122	1999 01	17.75995	23 21 46.53	+19 21 53.9	15.6 R	151
3026	1998 11	15.69601	00 37 24.52	+07 02 09.0	16.4	327	3122	1999 01	17.76738	23 21 48.28	+19 22 09.0	15.8 R	151
3026	1998 11	15.70903	00 37 24.33	+07 02 05.1		327	3127	1999 01	08.07442	00 52 05.10	+11 02 35.3	18.5	704
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3026	1999 01	08.10888	00 55 14.23	+06 14 46.2	16.0	704	3135	1999 01	08.15835	02 24 59.01	+21 55 55.1	18.4	704
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3026	1999 01	10.13934	00 56 53.75	+06 20 31.9	16.8 R	699	3139	1999 01	23.20564	07 55 18.69	-01 55 05.8	17.6	704
3026	1999 01	10.16823	00 56 55.14	+06 20 37.3		699	3139	1999 01	23.22757	07 55 17.60	-01 55 06.1		704
3026	1999 01	10.19374	00 56 56.42	+06 20 41.9		699	3139	1999 01	23.24935	07 55 16.49	-01 55 06.8		704
3026	1999 01	11.07580	00 57 40.84	+06 23 18.9	17.5	704	3139	1999 01	23.27108	07 55 15.37	-01 55 07.7		704
3026	1999 01	11.08659	00 57 41.37	+06 23 21.5		704	3139	1999 01	23.29293	07 55 14.20	-01 55 08.4	17.9	704
3026	1999 01	11.09763	00 57 41.99	+06 23 22.3	18.1	704	3140	1999 01	20.68714	09 47 38.85	+22 36 02.0	14.7 R	426
3026	1999 01	11.10884	00 57 42.50	+06 23 24.8	18.4	704	3140	1999 01	20.69967	09 47 38.36	+22 36 07.1	14.9 R	426
3038	1999 01	13.43735	10 08 45.28	+15 42 41.0	17.8 R	699	3140	1999 01	20.71281	09 47 37.81	+22 36 13.0	15.0 R	426
3038	1999 01	13.45773	10 08 44.51	+15 42 44.4		699	3144	1999 01	20.30999	08 01 54.67	+13 18 14.6	18.0	704
3038	1999 01	13.47811	10 08 43.74	+15 42 48.3		699	3144	1999 01	20.33210	08 01 53.11	+13 18 18.0		704
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3040	1999 01	25.42531	11 25 08.82	+06 47 35.7		711	3144	1999 01	20.39950	08 01 48.10	+13 18 25.4	19.3	704
3044	1999 01	06.19404	02 56 32.85	+16 39 26.1	16.3 R	699	3145	1998 12	17.75865	09 03 12.64	+15 03 38.9		327
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3229	1999 01	06.43633	08 12 20.43	+23 12 27.9	699	3412	1998 12	16.41397	23 30 21.82	+00 19 17.4	327
3239	1999 01	10.45987	09 16 34.69	+18 27 57.7	18.2 R	699	1998 12	16.41786	23 30 22.11	+00 19 19.1	327
3239	1999 01	10.48028	09 16 33.70	+18 28 05.0	699	3414	1999 01	19.89069	08 45 51.37	+28 36 31.5	16.5 120
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3248	1999 01	11.33600	12 34 44.70	+00 51 24.8	16.4 R	761	1999 01	06.25243	10 35 13.29	+45 04 38.7	16.6 R 761
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3289	1999 01	08.14064	01 50 21.01	+11 58 45.9	704	3452	1999 01	10.35931	08 01 24.27	+23 50 04.2	699
3289	1999 01	08.15203	01 50 21.90	+11 58 51.9	18.0	704	1999 01	07.14125	02 19 57.87	+07 46 36.2	15.9 704
3289	1999 01	08.16386	01 50 22.75	+11 58 56.0	18.4	704	1999 01	07.15197	02 19 58.46	+07 46 40.0	15.8 704
3289	1999 01	08.17499	01 50 23.71	+11 59 01.8	18.3	704	1999 01	07.16303	02 19 59.16	+07 46 43.2	15.5 704
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3352	1998 10	20.38997	03 49 25.09	+08 43 40.7	16.9 V	689	1999 01	10.49050	09 00 19.96	+22 47 48.2	699
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3738	1999 01	23.34725	08 10 39.29	+21 48 00.9	16.0 V	691	3823	1999 01	23.19493	13 42 19.65	-04 13 40.0	18.8 V	910
3738	1999 01	24.28769	08 09 33.27	+21 51 04.3		658	3823	1999 01	23.21576	13 42 20.64	-04 13 42.5	18.8 V	910
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3739	1999 01	13.48704	10 22 27.40	+13 14 27.2		699	3828	1999 01	14.29058	08 36 47.24	+09 26 09.4	16.2 R	699
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3741	1999 01	15.39345	09 29 23.57	+07 20 47.2		699	3828	1999 01	22.89447	08 30 01.78	+09 44 07.8		106
3747	1999 01	08.07997	01 24 18.48	+10 09 27.3	17.9	704	3828	1999 01	22.91299	08 30 00.84	+09 44 10.7		106
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3747	1999 01	08.10310	01 24 19.18	+10 09 38.5	17.8	704	3837	1998 12	30.72681	08 06 58.98	+13 36 54.0	16.9	327
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3747	1999 01	08.12509	01 24 19.59	+10 09 48.4	17.8	704	3837	1998 12	30.75279	08 06 57.62	+13 36 54.4		327
3747	1999 01	11.08064	01 25 24.43	+10 29 19.8	17.7	704	3838	1999 01	23.29633	07 25 00.60	-22 43 54.7		711
3747	1999 01	11.09161	01 25 24.64	+10 29 24.7		704	3838	1999 01	23.30906	07 24 59.15	-22 43 53.3		711
3747	1999 01	11.10265	01 25 24.91	+10 29 29.9		704	3838	1999 01	26.52608	07 18 56.20	-22 37 08.4	20.0 R	428
3747	1999 01	11.11384	01 25 25.19	+10 29 34.7	18.7	704	3838	1999 01	26.53557	07 18 55.12	-22 37 06.8	19.7 R	428
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3781	1999 01	26.18909	13 39 19.32	-10 08 55.7	19.0	120	3865	1999 01	07.24638	04 19 05.88	+14 28 53.9	17.3	704
3781	1999 01	26.21845	13 39 20.12	-10 09 00.1		120	3865	1999 01	07.25676	04 19 05.49	+14 28 53.9	17.9	704
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3787	1999 01	05.51145	14 15 20.23	-11 39 51.6		699	3870	1999 01	13.10245	00 38 28.98	+02 21 18.1		699
3789	1999 01	13.07447	00 10 19.96	-01 25 37.5	18.6 R	699	3870	1999 01	13.12001	00 38 30.14	+02 21 22.6		699
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3795	1999 01	07.07410	00 56 30.47	+00 12 12.4	17.7	704	3880	1999 01	18.46986	08 16 34.89	+04 58 42.7	17.7	704
3795	1999 01	07.08446	00 56 31.07	+00 12 16.9	17.7	704	3880	1999 01	18.49208	08 16 32.83	+04 58 33.4	17.5	704
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3795	1999 01	07.10554	00 56 31.98	+00 12 30.2	17.8	704	3880	1999 01	20.31697	08 13 56.41	+04 48 07.7	18.2	704
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3797	1999 01	08.12730	01 30 35.30	+08 47 54.4	19.1	704	3881	1999 01	10.34637	07 58 41.96	+27 14 51.1		699
3797	1999 01	08.13791	01 30 35.83	+08 47 56.5	19.1	704	3898	1999 01	06.19404	02 51 39.17	+15 40 58.4	16.8 R	699
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3797	1999 01	11.10424	01 32 41.61	+09 00 20.7	18.8	704	3907	1999 01	08.19980	02 45 09.17	+25 22 15.7		699
3797	1999 01	11.12605	01 32 42.33	+09 00 28.1	18.9	704	3907	1999 01	08.21788	02 45 09.52	+25 22 09.4	18.2	704
3797	1999 01	15.08899	01 35 45.22	+09 18 16.7	18.3 V	691	3907	1999 01	08.22676	02 45 09.79	+25 22 08.1		699
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3801	1999												

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3949	1999 01	08.07164	00 42 24.97	+06 52 56.5	18.6	704	4014	1999 01	10.13043	01 12 45.54	+08 43 41.2	18.7 R	699
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3956	1999 01	11.17789	02 29 10.22	+15 42 24.6		704	4059	1999 01	06.13712	02 14 16.89	+14 34 50.1		699
3959	1999 01	10.14061	01 01 20.58	+05 19 15.9	17.8 R	699	4059	1999 01	06.15752	02 14 17.23	+14 34 48.9		699
3959	1999 01	10.16949	01 01 23.51	+05 19 32.0		699	4059	1999 01	15.82804	02 17 54.39	+14 30 55.6	16.5 R	159
3959	1999 01	10.19501	01 01 26.04	+05 19 46.1		699	4059	1999 01	15.83043	02 17 54.46	+14 30 54.1	16.8 R	159
3959	1999 01	13.73522	01 07 32.66	+05 53 01.1	17.8 V	910	4059	1999 01	15.83257	02 17 54.49	+14 30 54.1	16.8 R	159
3959	1999 01	13.76216	01 07 35.45	+05 53 16.7	18.1 V	910	4059	1999 01	15.83487	02 17 54.50	+14 30 55.1	16.5 R	159
3959	1999 01	13.78535	01 07 37.84	+05 53 29.8	18.0 V	910	4059	1999 01	15.83738	02 17 54.64	+14 30 54.3	16.8 R	159
3959	1999 01	14.75440	01 09 19.99	+06 02 46.1	18.0 V	910	4061	1999 01	23.12912	13 57 14.73	-11 33 59.1	18.6	120
3959	1999 01	14.77722	01 09 22.38	+06 02 59.2	18.1 V	910	4061	1999 01	23.15543	13 57 15.83	-11 34 06.2		120
3959	1999 01	14.80167	01 09 24.92	+06 03 13.3	18.1 V	910	4061	1999 01	24.10309	13 57 59.09	-11 38 15.6	18.6	120
3961	1999 01	15.42576	10 43 52.15	+04 51 48.3	17.0 R	699	4061	1999 01	24.13331	13 58 00.43	-11 38 23.9		120
3961	1999 01	15.45126	10 43 51.48	+04 51 46.0		699	4061	1999 01	24.16336	13 58 01.75	-11 38 31.3		120
3961	1999 01	15.47675	10 43 50.90	+04 51 41.7		699	4063	1999 01	13.21484	03 59 47.83	+04 29 26.1	15.3 R	699
3975	1999 01	21.51547	07 50 14.90	+18 59 50.1	15.5 R	426	4063	1999 01	13.23522	03 59 47.59	+04 29 31.2		699
3975	1999 01	21.52464	07 50 14.39	+18 59 51.4	15.7 R	426	4063	1999 01	13.25561	03 59 47.35	+04 29 36.5		699
3975	1999 01	21.53382	07 50 13.87	+18 59 53.0	16.0 R	426	4066	1999 01	14.37568	09 05 12.98	+08 55 05.4	17.4 R	699
3975	1999 01	23.56721	07 48 23.15	+19 04 59.8	15.8 R	426	4066	1999 01	14.41576	09 05 10.67	+08 55 10.8		699
3975	1999 01	23.58275	07 48 22.28	+19 05 02.2	15.8 R	426	4066	1999 01	14.43847	09 05 09.32	+08 55 13.6		699
3975	1999 01	23.59828	07 48 21.40	+19 05 04.5	15.5 R	426	4073	1999 01	11.13217	02 04 43.13	+10 08 18.5	18.0	704
3976	1999 01	08.07497	00 52 19.47	+07 14 06.7	17.0	704	4073	1999 01	11.14277	02 04 43.44	+10 08 22.9	18.0	704
3976	1999 01	08.08590	00 52 20.13	+07 14 08.0	15.9	704	4073	1999 01	11.16385	02 04 44.06	+10 08 22.9	18.0	704
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3976	1999 01	08.10888	00 52 21.46	+07 14 10.4	15.9	704	4074	1999 01	15.28419	08 52 42.21	+04 39 06.4	17.0 R	699
3976	1999 01	08.12008	00 52 22.19	+07 14 11.2	15.9	704	4074	1999 01	15.29951	08 52 41.55	+04 39 08.2		699
3976	1999 01	10.13934	00 54 23.59	+07 18 58.9	16.6 R	699	4074	1999 01	15.31483	08 52 40.86	+04 39 10.9		699
3976	1999 01	10.16823	00 54 25.30	+07 19 03.3		699	4077	1999 01	08.24540	04 22 01.16	+23 48 23.7	16.7	704
3976	1999 01	10.19374	00 54 26.87	+07 19 06.5		699	4077	1999 01	08.25822	04 22 00.49	+23 48 22.0	17.5	704
3976	1999 01	11.07483	00 55 21.01	+07 21 21.2	17.8	704	4077	1999 01	08.27268	04 22 00.16	+23 48 22.0	17.5	704
3976	1999 01	11.08549	00 55 21.62	+07 21 23.0	17.8	704	4077	1999 01	08.28716	04 21 59.82	+23 48 23.5	17.5	704
3976	1999 01	11.09662	00 55 22.28	+07 21 25.2	17.8	704	4077	1999 01	08.29958	04 21 59.29	+23 48 28.6	17.5	704
3976	1999 01	11.10780	00 55 23.03	+07 21 25.7	18.5	704	4077	1999 01	11.23911	04 20 42.02	+23 51 41.5	17.4	704
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3988	1999 01	24.29688	09 03 06.61	-04 07 13.8		F 711	4077	1999 01	11.27097	04 20 41.16	+23 51 47.2	18.2	704
3988	1999 01	24.31005	09 03 05.30	-04 07 11.6		F 711	4078	1999 01	17.92546	08 32 20.72	+29 18 56.2	14.9 V	636
3996	1999 01	11.12982	01 50 42.43	+09 36 48.0	18.2	704	4078	1999 01	17.93009	08 32 20.25	+29 18 57.7	14.9 V	636
3996	1999 01	11.14031	01 50 42.83	+09 36 52.4	18.2	704	4078	1999 01	17.93449	08 32 20.26	+29 19 00.2	15.0 V	636
3996	1999 01	11.15100	01 50 43.28	+09 36 54.6	18.2	704	4078	1999 01	18.79437	08 31 34.60	+29 23 40.3	15.3 R	113
3996	1999 01	11.17198	01 50 44.03	+09 37 01.3	18.6	704	4078	1999 01	18.85385	08 31 31.41	+29 23 59.9	15.6 R	113
3998	1999 01	02.14475	00 52 49.16	+11 33 07.4	16.1 R	699	4078	1999 01	20.81875	08 29 46.44	+29 34 25.8	15.3 V	636
3998	1999 01	02.17032	00 52 51.11	+11 33 20.4		699	4078	1999 01	20.83223	08 29 45.69	+29 34 30.0	15.6 V	636
3998	1999 01	02.19598	00 52 53.10	+11 33 33.2		699	4078	1999 01	20.83964	08 29 45.32	+29 34 32.7	15.5 V	636
3998	1999 01	05.08554	00 56 43.59	+11 58 17.5	16.6 R	699	4081	1999 01	06.11420	02 30 01.19	+15 20 01.4	17.2 R	699
3998	1999 01	05.10593	00 56 45.21	+11 58 27.9		699	4081	1999 01	06.13457</				

4113	1999 01	10.37648	08 31	35.75	+16 44	23.6	15.5 R	699	4187	1999 01	22.03789	12 12	19.52	-01 39	01.2	120
4113	1999 01	10.40201	08 31	34.35	+16 44	34.0		699	4188	1999 01	10.20853	03 40	51.99	+11 29	03.3	699
4113	1999 01	10.42756	08 31	32.94	+16 44	44.0		699	4188	1999 01	10.23628	03 40	52.17	+11 29	12.5	699
4113	1999 01	13.28182	08 28	56.50	+17 04	29.8	16.0 V	691	4188	1999 01	10.26177	03 40	52.31	+11 29	20.6	699
4113	1999 01	13.30380	08 28	55.19	+17 04	39.0	16.3 V	691	4190	1999 01	17.13923	02 53	19.99	+05 08	06.7	699
4113	1999 01	13.33079	08 28	53.58	+17 04	50.4	15.9 V	691	4190	1999 01	17.15450	02 53	20.43	+05 08	09.3	699
4113	1999 01	22.33310	08 19	48.02	+18 11	25.0	15.7 V	691	4190	1999 01	17.16978	02 53	20.82	+05 08	12.8	699
4113	1999 01	22.35522	08 19	46.56	+18 11	35.1	15.4 V	691	4196	1999 01	07.08207	01 42	50.01	+09 13	04.5	691
4113	1999 01	22.37735	08 19	45.12	+18 11	45.1	15.3 V	691	4196	1999 01	07.10317	01 42	50.41	+09 13	07.1	691
4117	1999 01	15.35770	09 20	40.30	+04 07	12.6	17.9 R	699	4196	1999 01	07.12443	01 42	50.82	+09 13	09.9	691
4117	1999 01	15.38324	09 20	39.30	+04 07	18.5		699	4196	1999 01	15.16382	01 46	04.02	+09 33	11.8	691
4117	1999 01	15.40876	09 20	38.19	+04 07	23.7		699	4196	1999 01	15.18502	01 46	04.61	+09 33	15.6	691
4118	1999 01	08.17310	02 35	42.78	+25 48	59.0	16.0 R	699	4196	1999 01	15.20604	01 46	05.21	+09 33	18.7	691
4118	1999 01	08.19853	02 35	43.32	+25 48	54.1		699	4209	1999 01	09.18150	02 56	17.23	+45 15	55.9	704
4118	1999 01	08.22549	02 35	43.89	+25 48	49.4		699	4209	1999 01	09.19202	02 56	17.08	+45 15	49.4	704
4121	1999 01	09.23973	05 20	10.89	+48 53	37.2	18.3	704	4209	1999 01	09.21327	02 56	17.32	+45 15	38.5	704
4121	1999 01	09.25029	05 20	09.98	+48 53	35.2	17.8	704	4216	1999 01	15.34365	09 39	08.18	+07 06	13.1	699
4121	1999 01	09.26110	05 20	09.05	+48 53	35.9	17.8	704	4216	1999 01	15.36920	09 39	07.11	+07 06	15.9	699
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4125	1999 01	08.18445	03 01	06.74	+29 21	34.5	16.7	704	4225	1999 01	10.45351	09 17	37.17	+20 58	09.3	699
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4125	1999 01	08.20737	03 01	07.40	+29 21	14.8	16.8	704	4225	1999 01	10.49432	09 17	35.14	+20 58	22.5	699
4125	1999 01	08.21921	03 01	07.76	+29 21	04.8	16.6	704	4235	1999 01	10.08148	22 57	08.05	-06 11	17.4	699
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4131	1999 01	15.36664	09 21	12.35	+06 28	28.9		699	4237	1999 01	27.40580	13 29	47.43	-07 43	03.1	732
4131	1999 01	15.39216	09 21	11.20	+06 28	28.7		699	4237	1999 01	27.41663	13 29	47.70	-07 43	04.9	732
4132	1999 01	23.41594	09 45	10.33	-12 58	42.5	17.7	704	4237	1999 01	28.40346	13 30	12.85	-07 45	42.5	732
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4132	1999 01	23.45948	09 45	08.49	-12 58	14.2		704	4253	1999 01	09.18044	02 51	58.67	+36 44	05.3	704
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4133	1999 01	08.07832	01 17	45.35	+22 48	56.3	17.9	704	4253	1999 01	09.21221	02 51	59.18	+36 43	53.2	704
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4133	1999 01	08.10127	01 17	46.07	+22 48	56.3	17.9	704	4254	1999 01	08.24192	04 56	01.40	+02 58	30.3	699
4133	1999 01	08.11268	01 17	46.72	+22 48	56.2	19.0	704	4254	1999 01	08.26484	04 56	00.79	+02 58	33.5	699
4133	1999 01	08.12341	01 17	47.03	+22 48	54.5	19.0	704	4254	1999 01	08.28786	04 56	00.13	+02 58	36.6	699
4138	1999 01	05.15997	03 52	08.43	+18 34	44.0	16.5 R	699	4258	1999 01	05.15105	04 01	06.55	+21 51	22.5	699
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4138	1999 01	05.20200	03 52	07.72	+18 34	42.0		699	4258	1999 01	05.19308	04 01	05.52	+21 51	21.6	699
4142	1999 01	08.19494	02 54	37.10	+36 18	45.0	18.0	704	4259	1999 01	10.14061	01 00	55.92	+05 11	51.2	699
4142	1999 01	08.20688	02 54	37.00	+36 18	55.0	18.0	704	4259	1999 01	10.16949	01 00	57.33	+05 12	01.2	699
4142	1999 01	08.21869	02 54	36.77	+36 19	03.3	17.6	704	4259	1999 01	10.19501	01 00	58.60	+05 12	11.1	699
4143	1999 01	05.16378	04 10	39.98	+19 46	05.6	17.6 R	699	4259	1999 01	11.07689	01 01	42.96	+05 17	45.1	704
4143	1999 01	05.18544	04 10	39.43	+19 46	05.4		699	4259	1999 01	11.08776	01 01	43.58	+05 17	48.2	704
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4145	1999 01	05.08554	00 53	39.61	+11 25	43.0	18.7 R	699	4259	1999 01	11.11000	01 01	44.68	+05 17	55.6	704
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4145	1999 01	05.12630	00 53	42.99	+11 25	56.2		699	4260	1999 01	13.43862	10 14	27.76	+14 33	20.5	699
4145	1999 01	08.07442	00 57	53.46	+11 42	55.9	18.0	704	4260	1999 01	13.45900	10 14	27.27	+14 33	25.2	699
4145	1999 01	08.08534	00 57	54.30	+11 43	00.1	17.9	704	4260	1999 01	13.47939	10 14	26.75	+14 33	29.8	699
4145	1999 01	08.09707	00 57	55.29	+11 43	02.7	17.9	704	4268	1999 01	08.24898	04 49	44.44	+29 31	49.5	704
4145	1999 01	08.10826	00 57	56.20	+11 43	06.2	18.2	704	4268	1999 01	08.26303	04 49	44.08	+29 31	46.7	704
4145	1999 01	08.11953	00 57	57.11	+11 43	09.4	17.7	704	4268	1999 01	08.27731	04 49	43.58	+29 31	44.6	704
4148	1998 12	17.89610	11 30	40.59	+03 27	13.7	16.6	327	4268	1999 01	08.29179	04 49	43.05	+29 31	42.2	704
4148	1998 12	17.90441	11 30	41.16	+03 27	08.9		327	4268	1999 01	08.30322	04 49	42.59	+29 31	38.4	704
4148	1998 12	17.91951	11 30	42.17	+03 27	00.2		327	4268	1999 01	12.09801	04 48	16.89	+29 20	23.1	699
4148	1999 01	13.51101	11 53	56.76	-00 18	00.9	16.4 R	699	4268	1999 01	13.13559	04 47	58.60	+29 17	20.5	699
4148	1999 01	13.52627	11 53	57.21	-00 18	09.2		699	4268	1999 01	13.18350	04 47	57.66	+29 17	12.2	699
4148	1999 01	13.54159	11 53	57.70	-00 18	14.0		699	4282	1999 01	08.12703	01 34	56.33	+13 32	41.8	704
4148	1999 01	28.03802	11 58	51.96	-01 43	59.9	16.8	120	4282	1999 01	08.13756	01 34	57.10	+13 32	47.4	704
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4150	1999 01	20.81547	05 38	25.67	+21 16	54.9	16.7 V	610	4282	1999 01	08.16067	01 34	58.61	+13 32	51.8	704
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4150	1999 01	20.82705	05 38	25.34	+21 16	55.4		610	4283	1999 01	09.43287	09 55	31.28	+32 50	24.4	699
4150	1999 01	20.83338	05 38	25.16	+21 16	55.8		610	4283	1999 01	09.46847	09 55	29.00	+32 50	13.2	699
4150	1999 01	20.84241	05 38	24.91	+21 16	56.2										

4339	1999 01 08.17486	01 47 51.06	+13 48 25.6	18.3	704	4479	1999 01 28.10251	11 55 31.76	+01 00 52.6	120
4340	1999 01 07.17686	02 37 51.66	+01 12 58.9	17.8	704	4479	1999 01 28.10500	11 55 31.83	+00 00 52.9	18.0
4340	1999 01 07.18730	02 37 51.65	+01 13 07.6	17.8	704	4484	1999 01 07.17982	02 54 49.62	+01 21 28.0	17.4
4340	1999 01 07.19783	02 37 51.67	+01 13 12.3	18.0	704	4484	1999 01 07.19040	02 54 49.53	+00 21 39.5	17.1
4340	1999 01 07.20827	02 37 51.47	+01 13 18.2	18.0	704	4484	1999 01 07.20081	02 54 49.55	+00 21 50.2	17.1
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4344	1999 01 08.26793	08 26 25.43	+19 27 27.4	17.4 V	691	4484	1999 01 17.17741	02 55 58.35	+03 09 12.3	
4344	1999 01 08.29024	08 26 24.40	+19 27 32.0	17.4 V	691	4485	1999 01 08.07818	01 15 51.75	+20 16 12.9	17.5
4344	1999 01 08.31260	08 26 23.34	+19 27 36.5	17.5 V	691	4485	1999 01 08.08950	01 15 52.39	+20 16 14.2	17.5
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4344	1999 01 16.42694	08 19 51.03	+19 55 29.9	16.9 V	691	4485	1999 01 08.12327	01 15 53.84	+20 16 14.1	17.7
4352	1999 01 07.07893	01 26 19.07	+03 58 31.0	17.0	704	4492	1999 01 24.91219	08 33 12.30	+28 26 04.2	106
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4352	1999 01 07.12086	01 26 21.27	+03 58 59.7	18.2	704	4496	1999 01 14.40684	09 12 52.59	+11 42 45.8	
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4365	1999 01 22.46202	09 12 41.26	+14 39 49.8	17.1 V	691	4503	1998 12 15.37726	09 19 04.86	+21 42 03.2	15.9 V
4365	1999 01 22.48307	09 12 40.23	+14 39 54.1	17.0 V	691	4503	1998 12 15.38559	09 19 06.30	+21 42 00.0	16.0 V
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4367	1999 01 10.08275	23 06 36.22	-06 11 31.8	18.5 R	699	4503	1998 12 16.30695	09 21 49.83	+21 36 18.9	15.9 V
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4384	1999 01 15.42322	10 32 21.10	+06 29 54.7	16.4 R	699	4503	1999 01 19.92420	10 44 46.01	+17 50 25.6	15.2 R
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4416	1998 12 17.46378	01 31 43.16	+08 46 48.6	18.7	327	4503	1999 01 26.20330	10 53 30.18	+17 16 08.3	15.0
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4432	1999 01 13.53234	09 59 55.05	+12 29 39.3	18.9 V	691	4508	1999 01 11.24253	04 40 46.07	+21 51 23.2	17.8
4432	1999 01 23.47820	09 52 30.13	+13 11 03.3	18.6 V	691	4508	1999 01 11.25324	04 40 45.75	+21 51 23.8	17.8
4432	1999 01 23.49974	09 52 29.01	+13 11 08.8	18.6 V	691	4508	1999 01 11.26382	04 40 45.43	+21 51 23.9	17.9
4432	1999 01 23.52385	09 52 27.76	+13 11 15.6	18.6 V	691	4508	1999 01 11.27440	04 40 45.12	+21 51 23.9	17.9
4436	1998 10 20.40004	04 03 57.01	+04 23 00.9	17.0 V	689	4508	1999 01 11.28496	04 40 44.46	+21 51 23.9	18.0
4436	1999 01 11.18670	03 12 53.04	+07 50 57.5	17.5	704	4513	1999 01 10.21618	04 07 40.76	+10 37 41.8	16.2 R
4436	1999 01 11.19716	03 12 53.08	+07 51 05.6	17.5	704	4513	1999 01 10.24392	04 07 40.38	+10 37 42.6	
4436	1999 01 11.20772	03 12 52.98	+07 51 07.6	17.5	704	4513	1999 01 10.26942	04 07 40.07	+10 37 42.7	
4436	1999 01 11.22869	03 12 52.87	+07 51 16.8	17.9	704	4521	1999 01 06.27248	03 19 16.96	+24 30 44.5	17.2 R
4441	1999 01 20.09810	01 34 58.27	+09 07 00.7	19.3 V	691	4521	1999 01 06.29288	03 19 16.59	+24 30 46.1	
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4455	1999 01 08.12703	01 37 03.37	+13 31 22.0	18.0	704	4554	1999 01 11.27320	04 38 35.73	+20 58 59.9	17.6
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4455	1999 01 08.14900	01 37 04.31	+13 31 19.9	18.0	704	4557	1999 01 09.22008	08 05 05.73	+20 59 32.8	15.9 V
4455	1999 01 08.16067	01 37 04.64	+13 31 22.0	18.0	704	4557	1999 01 09.26077	08 05 03.62	+20 59 48.7	15.9 V
4455	1999 01 08.17215	01 37 04.96	+13 31 22.5	18.0	704	4557	1999 01 09.29020	08 05 02.12	+21 00 00.3	15.9 V
4455	1999 01 11.08302	01 38 54.76	+13 32 14.3	18.1	704	4559	1998 12 15.21054	06 11 18.23	+14 49 25.4	15.9 V
4455	1999 01 11.09414	01 38 55.27	+13 32 17.4	18.1	704	4559	1998 12 15.22796	06 11 17.30	+14 49 27.9	15.9 V
4455	1999 01 11.10524	01 38 55.58	+13 32 18.7	18.1	704	4559	1998 12 15.23629	06 11 16.87	+14 49 28.3	16.1 V
4455	1999 01 11.11631	01 38 56.18	+13 32 17.0	18.6	704	4559	1998 12 16.15244	06 10 28.42	+14 51 52.0	15.9 V
4455	1999 01 11.12696	01 38 56.48	+13 32 16.8	19.1	704	4559	1998 12 16.16077	06 10 27.96	+14 51 53.5	16.0 V
4457	1999 01 07.07485	00 59 30.54	-00 41 36.0	17.9	704	4559	1998 12 16.16910	06 10 27.53	+14 51 54.1	16.3 V
4457	1999 01 07.08521	00 59 31.09	-00 41 31.7	17.2	704	4559	1999 01 07.13872	05 51 14.12	+16 02 51.6	15.8 R
4457	1999 01 07.09584	00 59 31.47	-00 41 28.1	17.2	704	4559	1999 01 07.16059	05 51 13.01	+16 02 56.0	16.2 R
4457	1999 01 07.10638	00 59 32.05	-00 41 27.3	17.2	704	4559	1999 01 11.14931	05 48 11.80	+16 17 56.0	16.8 R
4457	1999 01 11.07654	01 02 34.08	-00 24 51.4	17.5	704	4559	1999 01 11.16962	05 48 10.82	+16 18 00.6	16.9 R
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4457	1999 01 11.09840	01 02 35.00	-00 24 45.8	17.5	704	4559	1999 01 12.56021	05 47 11.51	+16 23 24.5	16.6 R
4457	1999									

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4633	1999 01	07.42683	08 09 37.65	+18 48 32.0	18.1 V	691	4758	1999 01	28.40346	13 30 28.87	-07 55 28.5	18.5	732
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4634	1999 01	17.57223	05 39 07.14	+32 37 20.3	16.9 V	402	4764	1999 01	14.32117	08 17 12.36	+06 23 04.4		699
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4690	1999 01	08.22142	03 15 12.68	+35 53 09.5		704	4804	1999 01	10.23756	03 49 12.44	+14 11 37.6		699
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4710	1999 01	18.13466	07 03 01.90	+20 03 39.5	15.1 V	859	4816	1999 01	11.13876	02 50 55.57	+23 37 30.6	17.1	704
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4713	1999 01	14.47020	10 34 04.42	+31 48 20.2		704	4834	1999 01	17.15705	03 10 08.62	+07 23 07.5		699
4713	1999 01	14.49299	10 34 04.21	+31 48 49.8		704	4834	1999 01	17.17233	03 10 08.59	+07 23 12.4		699
4713	1999 01	14.51575	10 34 04.03	+31 49 20.1	17.0	704	4836	1999 01	07.20191	03 52 40.57	+14 16 09.4	16.5 R	699

4866	1999 01	10.19501	01 01 12.20	+06 05 10.5		699	4984	1999 01	13.08694	01 28 19.30	+10 18 57.1	18.7 V	691
4866	1999 01	11.07573	01 01 59.47	+06 08 10.2	17.7	704	4984	1999 01	13.11863	01 28 21.71	+10 19 09.5	18.7 V	691
4866	1999 01	11.08652	01 02 00.04	+06 08 11.8	17.7	704	4984	1999 01	13.15093	01 28 24.21	+10 19 22.3	19.1 V	691
4866	1999 01	11.09755	01 02 00.59	+06 08 15.5	17.9	704	4984	1999 01	18.11174	01 35 01.00	+10 52 18.7	18.7 V	691
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4866	1999 01	11.11970	01 02 01.86	+06 08 18.8	18.2	704	5002	1999 01	14.09806	02 00 00.12	+10 39 09.6	18.5 V	691
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4896	1999 01	17.32711	09 23 44.39	-04 01 15.4	17.1 R	699	5020	1999 01	06.76876	03 59 49.29	+19 00 43.5	18.1	120
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5131	1999 01 09.22044	06 50 57.85	+15 12 57.8	15.8 V	726	5166	1999 01 10.42756	08 36 07.58	+16 42 29.7	699
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5131	1999 01 18.81030	06 23 52.22	+19 27 16.0	16.3 R	638	5195	1999 01 18.40574	07 50 39.63	+14 12 29.2	18.4 704
5131	1999 01 20.09678	06 20 10.77	+20 01 58.9	17.8	704	5200	1999 01 08.17692	02 08 32.83	+17 53 18.6	699
5131	1999 01 20.11868	06 20 06.85	+20 02 33.0	17.3	704	5200	1999 01 08.20235	02 08 33.46	+17 53 20.4	699
5131	1999 01 20.14049	06 20 03.04	+20 03 07.7	18.3	704	5204	1999 01 11.12934	06 26 42.06	+22 01 04.7	15.9 R 761
5131	1999 01 20.16286	06 19 59.14	+20 03 45.2	17.4	704	5204	1999 01 11.15544	06 26 40.70	+22 01 05.0	16.3 R 761
5131	1999 01 20.18476	06 19 55.29	+20 04 20.5	17.5	704	5204	1999 01 12.58128	06 25 30.09	+22 02 13.6	16.3 R 426
5131	1999 01 20.80127	06 18 09.23	+20 20 51.7	16.2 R	638	5204	1999 01 13.56993	06 24 42.16	+22 02 57.3	16.3 R 426
5131	1999 01 20.82836	06 18 04.53	+20 21 35.6	16.1 R	638	5204	1999 01 13.58572	06 24 41.37	+22 02 58.0	16.5 R 426
5131	1999 01 20.84850	06 18 01.05	+20 22 08.5	16.1 R	638	5204	1999 01 13.60197	06 24 40.55	+22 02 58.7	16.1 R 426
5131	1999 01 21.86227	06 15 07.20	+20 49 20.4		108	5204	1999 01 14.56280	06 23 54.87	+22 03 40.8	16.3 R 426
5131	1999 01 21.86424	06 15 06.87	+20 49 24.4		108	5204	1999 01 14.57641	06 23 54.28	+22 03 41.4	16.2 R 426
5131	1999 01 21.86597	06 15 06.52	+20 49 27.1		108	5204	1999 01 14.58957	06 23 53.58	+22 03 42.0	16.5 R 426
5131	1999 01 21.86782	06 15 06.17	+20 49 30.6	15.7 V	108	5205	1999 01 13.49698	12 11 02.28	+01 43 46.9	18.3 R 699
5131	1999 01 24.88786	06 06 34.94	+22							

5228	1999 01	14.27356	08 13	01.78	+18 11	56.9	17.6	V	691	5329	1999 01	15.50064	11 09	26.64	+07 47	38.7	17.4	R	699
5228	1999 01	14.29589	08 13	00.64	+18 12	01.0	17.6	V	691	5329	1999 01	15.51595	11 09	26.42	+07 47	45.0			699
5231	1999 01	11.18421	02 56	16.06	+08 14	32.2	17.2		704	5329	1999 01	15.53126	11 09	26.25	+07 47	50.9			699
5231	1999 01	11.19465	02 56	16.30	+08 14	42.4	17.2		704	5330	1999 01	19.31690	08 28	19.73	+25 05	03.1	16.8		704
5231	1999 01	11.20521	02 56	16.56	+08 14	50.3	17.4		704	5330	1999 01	19.33909	08 28	17.92	+25 04	58.3	17.1		704
5231	1999 01	11.21569	02 56	16.92	+08 14	55.8	17.2		704	5330	1999 01	19.36113	08 28	16.23	+25 04	54.3	17.9		704
5231	1999 01	11.22618	02 56	17.01	+08 15	03.2	17.2		704	5330	1999 01	19.38329	08 28	14.53	+25 04	48.3	16.8		704
5235	1999 01	10.38157	08 55	40.93	+11 37	50.5	16.5	R	699	5330	1999 01	19.40532	08 28	12.87	+25 04	43.2	16.7		704
5235	1999 01	10.40711	08 55	39.54	+11 37	52.5			699	5331	1999 01	16.30719	08 01	25.59	+22 56	16.8	15.7		704
5235	1999 01	10.43266	08 55	38.16	+11 37	54.5			699	5331	1999 01	16.32928	08 01	24.07	+22 56	30.4	16.4		704
5235	1999 01	14.96892	08 51	28.17	+11 45	02.6	17.6		120	5331	1999 01	16.35129	08 01	22.63	+22 56	41.5	16.1		704
5235	1999 01	14.98690	08 51	27.13	+11 45	04.6			120	5331	1999 01	19.30141	07 58	12.86	+23 24	10.2	17.2		704
5242	1999 01	13.08083	00 03	06.77	+01 37	55.6	18.8	R	699	5331	1999 01	19.32361	07 58	11.33	+23 24	22.0			704
5242	1999 01	13.09609	00 03	07.86	+01 38	01.6			699	5331	1999 01	19.34577	07 58	09.87	+23 24	33.8			704
5242	1999 01	13.11366	00 03	09.06	+01 38	09.6			699	5331	1999 01	19.36792	07 58	08.36	+23 24	45.6	18.1		704
5243	1999 01	15.34236	09 27	37.16	+05 04	33.3	17.9	R	699	5331	1999 01	19.38997	07 58	06.95	+23 24	58.2			704
5243	1999 01	15.36793	09 27	36.04	+05 04	36.7			699	5343	1999 01	09.37959	07 26	30.27	+32 36	27.6	15.8	R	699
5243	1999 01	15.39345	09 27	35.10	+05 04	40.3			699	5343	1999 01	09.40001	07 26	28.65	+32 36	34.5			699
5248	1999 01	13.44755	10 00	34.58	+12 41	27.7	18.1	R	699	5343	1999 01	09.42049	07 26	27.07	+32 36	41.8			699
5248	1999 01	13.46793	10 00	33.86	+12 41	30.9			699	5346	1999 01	07.07914	01 26	20.47	+07 39	05.1	17.8		704
5248	1999 01	13.48831	10 00	33.06	+12 41	35.1			699	5346	1999 01	07.08966	01 26	20.79	+07 39	05.9	17.8		704
5248	1999 01	15.50904	09 59	19.92	+12 48	32.4	18.2	V	691	5346	1999 01	07.10022	01 26	21.24	+07 39	09.7	17.8		704
5248	1999 01	15.52696	09 59	19.21	+12 48	36.3	17.9	V	691	5346	1999 01	07.11069	01 26	21.71	+07 39	13.6	17.8		704
5248	1999 01	15.54473	09 59	18.53	+12 48	39.9	17.7	V	691	5346	1999 01	11.08078	01 29	14.31	+08 00	13.8	17.9		704
5248	1999 01	23.47887	09 53	27.89	+13 21	12.5	17.5	V	691	5346	1999 01	11.09175	01 29	14.81	+08 00	18.1	17.9		704
5248	1999 01	23.50041	09 53	26.78	+13 21	18.0	17.4	V	691	5346	1999 01	11.10281	01 29	15.23	+08 00	19.0	17.9		704
5248	1999 01	23.52452	09 53	25.54	+13 21	24.7	17.4	V	691	5347	1999 01	11.07876	01 07	41.96	+01 39	26.1	18.2		704
5249	1999 01	23.52152	07 04	54.09	+21 55	40.9			327	5347	1999 01	11.10079	01 07	42.87	+01 39	17.3	18.2		704
5249	1999 01	23.58117	07 04	51.28	+21 55	47.6	16.1		327	5347	1999 01	11.11193	01 07	43.46	+01 39	12.9	18.8		704
5249	1999 01	23.59773	07 04	50.49	+21 55	49.7			327	5347	1999 01	11.12275	01 07	43.66	+01 39	12.0	18.8		704
5249	1999 01	25.59523	07 03	16.33	+21 59	41.8			327	5349	1999 01	19.74448	13 50	11.62	+14 54	34.6	18.4	R	428
5249	1999 01	25.60755	07 03	15.73	+21 59	43.1	16.2		327	5350	1999 01	05.45330	13 07	03.10	+09 11	59.0	18.2	R	699
5249	1999 01	25.61990	07 03	15.14	+21 59	44.4			327	5350	1999 01	05.47512	13 07	04.70	+09 12	11.5			699
5254	1999 01	10.20726	03 39	45.49	+14 07	55.5	15.6	R	699	5350	1999 01	05.49633	13 07	06.11	+09 12	22.7			699
5254	1999 01	10.23501	03 39	45.09	+14 08	01.6			699	5358	1999 01	13.43480	10 19	28.61	+15 55	55.3	15.3	R	699
5254	1999 01	10.26049	03 39	44.76	+14 08	06.5			699	5358	1999 01	13.45517	10 19	27.92	+15 55	55.7			699
5256	1999 01	23.42116	09 55	22.18	+09 02	17.2	17.9		704	5358	1999 01	13.47557	10 19	27.24	+15 55	56.5			699
5256	1999 01	23.44292	09 55	21.25	+09 02	16.9			704	5360	1999 01	14.07668	01 27	32.43	+21 44	24.9	17.6	R	699
5256	1999 01	23.46471	09 55	20.42	+09 02	16.3	18.3		704	5360	1999 01	14.09193	01 27	32.92	+21 44	27.4			699
5256	1999 01	23.48650	09 55	19.44	+09 02	15.7			704	5360	1999 01	14.10721	01 27	33.46	+21 44	30.8			699
5256	1999 01	23.50833	09 55	18.56	+09 02	14.6			704	5361	1999 01	05.16506	04 13	42.79	+20 04	14.0	16.7	R	699
5261	1999 01	13.53312	07 36	34.16	+17 21	06.5	18.7	R	428	5361	1999 01	05.18671	04 13	42.23	+20 04	14.6			699
5261	1999 01	13.53623	07 36	33.91	+17 21	08.5	18.5	R	428	5361	1999 01	05.20711	04 13	41.60	+20 04	15.6			699
5269	1999 01	06.19275	02 47	14.98	+15 37	52.0	18.1	R	699	5367	1999 01	06.18764	03 03	47.82	+18 44	52.8	16.2	R	699
5269	1999 01	06.21920	02 47	15.58	+15 37	55.5			699	5367	1999 01	06.21411	03 03	48.05	+18 44	47.8			699
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5271	1999 01	07.24823	04 23	19.00	+05 27	20.4	19.6		704	5371	1999 01	05.08172	01 13	06.97	+15 20	14.0	18.2	R	699
5271	1999 01	07.25860	04 23	18.70	+05 27	26.5	19.1		704	5371	1999 01	05.10211	01 13	07.87	+15 20	13.8			699
5271	1999 01	07.27921	04 23	18.00	+05 27	32.7	19.1		704	5371	1999 01	05.12248	01 13	08.69	+15 20	13.9			699
5273	1999 01	08.13032	01 55	49.31	+17 36	12.0	18.2		704	5371	1999 01	08.07789	01 15	18.64	+15 20	54.4	18.7		704
5273	1999 01	08.14113	01 55	49.95	+17 36	17.1	18.2		704	5371	1999 01	08.08914	01 15	19.26	+15 20	55.9	18.7		704
5273	1999 01	08.15260	01 55	50.51	+17 36	17.9	18.9		704	5371	1999 01	08.10085	01 15	19.89	+15 20	52.6	18.4		704
5273	1999 01	08.16445	01 55	51.06	+17 36	20.1	18.9		704	5371	1999 01	08.11223	01 15	20.21	+15 20	55.7	18.4		704
5273	1999 01	11.12935	01 58	23.00	+17 49	21.2	18.3		704	5371	1999 01	11.08003	01 17	39.36	+15 22	39.2	18.2		704
5273	1999 01	11.13984	01 58	23.48	+17 49	23.3	18.3		704	5371	1999 01	11.10203	01 17	40.33	+15 22	41.6	18.2		704
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5273	1999 01	11.16100	01 58	24.59	+17 49	29.9	18.6		704	5372	1999 01	06.02465	03 19	32.88	+30 58	01.2	16.9	R	761
5276	1998 12	15.25348	06 27	10.40	+05 05	35.8	18.2	V	825	5372	1999 01	06.04097	03 19	32.65	+30 57	58.7	17.0	R	761
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5276	1998 12	16.17882	06 26	20.86	+05 04	55.5	18.5	V	825	5372	1999 01	12.06111	03 18	53.87	+30 45	34.4	17.8	R	761
5276	1998 12	16.18716	06 26	20.53	+05 04	57.0	18.0	V	825	5374	1999 01	08.07228	00 34	33.28	+17 30	14.7	17.6		704
5276	1998 12	16.19549	06 26	19.98	+05 04	58.2	18.2	V	825	5374	1999 01	08.08287	00 34	33.61	+17 30	15.4	17.6		704
5283	1999 01	06.22557	03 20	38.77	+14 56	33.5			699	5374	1999 01	08.09466	00 34	34.21	+17 30	16.2	17.6		704
5283	1999 01	06.24712	03 20	38.52	+14 56	36.8			699	5374	1999 01	08.11738	00 34	35.14	+17 30	16.7	18.6		704
5284	1999 01	13.20108	03 55	27.85	+06 20	59.3	16.3	R	699										

5402	1999 01	19.89839	05 49 49.83	+01 58 12.9	16.9	143	5547	1999 01	08.10469	00 37 08.93	+10 50 38.1	18.1	704
5402	1999 01	19.90663	05 49 49.48	+01 58 13.0	17.1	143	5550	1999 01	16.79944	07 44 39.78	+20 21 36.0	15.8	120
5402	1999 01	24.85843	05 47 09.20	+02 01 44.6	16.9 R	151	5550	1999 01	16.81999	07 44 38.62	+20 21 39.4		120
5405	1999 01	13.36687	09 15 41.37	+30 46 32.1	16.6 R	699	5550	1999 01	17.78825	07 43 46.73	+20 24 12.3	16.0	120
5405	1999 01	13.38727	09 15 40.31	+30 46 37.8		699	5550	1999 01	17.80984	07 43 45.55	+20 24 15.6		120
5405	1999 01	13.40770	09 15 39.21	+30 46 44.3		699	5559	1999 01	11.13258	02 03 48.14	+03 20 47.6	18.7	704
5411	1999 01	05.07537	01 36 14.55	+16 54 26.3	18.0 R	699	5559	1999 01	11.14317	02 03 48.31	+03 20 54.3	18.7	704
5411	1999 01	05.09574	01 36 15.09	+16 54 26.7		699	5559	1999 01	11.15376	02 03 48.64	+03 20 59.7	18.8	704
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5413	1998 12	12.35984	09 37 25.90	+14 44 55.7	18	303	5560	1999 01	08.25780	04 13 22.50	+21 58 54.4	18.4	704
5413	1998 12	12.40414	09 37 26.30	+14 44 54.4	18	303	5560	1999 01	08.28677	04 13 21.74	+21 58 54.5	18.4	704
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5413	1999 01	13.45552	09 31 35.80	+15 19 22.9	16.5 V	691	5561	1999 01	07.13608	07 03 15.54	+26 19 58.2		716
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5413	1999 01	13.50087	09 31 34.20	+15 19 31.0	16.5 V	691	5561	1999 01	08.12385	07 01 59.18	+26 18 09.5		716
5413	1999 01	14.35911	09 31 05.36	+15 21 59.4	16.0 R	699	5561	1999 01	08.14285	07 01 57.69	+26 18 07.9		716
5413	1999 01	14.37950	09 31 04.60	+15 22 03.0		699	5569	1999 01	05.07537	01 34 54.92	+15 21 35.8	18.3 R	699
5413	1999 01	14.39919	09 31 03.90	+15 22 06.5		699	5569	1999 01	05.09574	01 34 55.69	+15 21 38.7		699
5413	1999 01	18.36104	09 28 37.80	+15 34 17.8	16.5 V	691	5569	1999 01	05.11610	01 34 56.37	+15 21 41.4		699
5413	1999 01	18.38266	09 28 36.92	+15 34 22.1	16.2 V	691	5569	1999 01	08.12697	01 36 48.22	+15 28 57.4	18.5	704
5413	1999 01	18.40457	09 28 36.01	+15 34 26.5	16.3 V	691	5569	1999 01	08.14893	01 36 48.94	+15 28 59.5	18.5	704
5414	1999 01	13.43735	10 09 09.94	+14 13 42.7	17.6 R	699	5569	1999 01	08.17208	01 36 49.87	+15 29 03.6	19.2	704
5414	1999 01	13.45773	10 09 09.37	+14 13 46.4		699	5569	1999 01	11.08246	01 38 48.25	+15 37 01.8	19.2	704
5414	1999 01	13.47811	10 09 08.76	+14 13 50.0		699	5569	1999 01	11.09356	01 38 48.82	+15 37 06.0	19.1	704
5427	1999 01	23.42857	10 07 01.77	-23 51 54.7	17.4	704	5569	1999 01	11.10464	01 38 49.17	+15 37 06.0	19.1	704
5427	1999 01	23.45033	10 07 00.90	-23 52 00.6	18.1	704	5569	1999 01	11.12640	01 38 50.00	+15 37 10.2	19.1	704
5427	1999 01	23.47213	10 06 59.97	-23 52 07.6	18.1	704	5575	1999 01	25.05763	11 53 22.10	+01 01 39.7	18.6	120
5427	1999 01	23.49397	10 06 59.07	-23 52 13.8	18.5	704	5575	1999 01	25.09939	11 53 21.69	+01 01 42.8		120
5427	1999 01	23.51573	10 06 58.21	-23 52 19.8	18.5	704	5575	1999 01	25.13074	11 53 21.36	+01 01 45.2		120
5428	1999 01	05.04851	04 36 27.36	+22 16 02.3	16.4 R	747	5575	1999 01	28.02145	11 52 47.31	+01 05 56.8	19.0	120
5428	1999 01	05.09862	04 36 25.57	+22 15 58.1	16.0 R	747	5581	1999 01	09.76203	01 13 49.25	+05 28 18.9	20.0 V	910
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5428	1999 01	06.06228	04 35 53.50	+22 14 36.8	16.2 R	747	5582	1998 12	17.90034	11 32 17.60	+04 48 52.4		327
5428	1999 01	08.24776	04 34 45.28	+22 11 41.2	17.6	704	5582	1998 12	17.91544	11 32 18.19	+04 48 49.0	18.3	327
5428	1999 01	08.26138	04 34 44.96	+22 11 37.5	17.6	704	5582	1998 12	17.92372	11 32 18.52	+04 48 46.5		327
5428	1999 01	08.29027	04 34 43.88	+22 11 36.3	17.4	704	5594	1999 01	10.22254	03 49 01.46	+08 43 50.1	16.3 R	699
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5428	1999 01	11.24141	04 33 23.39	+22 07 58.2	17.7	704	5594	1999 01	10.27582	03 49 00.76	+08 44 01.3		699
5428	1999 01	11.25212	04 33 23.08	+22 07 56.5	17.6	704	5598	1999 01	23.80402	04 53 48.98	+23 32 51.1		106
5428	1999 01	11.26269	04 33 22.70	+22 07 58.3	17.6	704	5598	1999 01	23.82257	04 53 49.05	+23 32 46.3		106
5428	1999 01	11.27328	04 33 22.37	+22 07 58.4	17.6	704	5598	1999 01	23.84043	04 53 49.16	+23 32 42.3		106
5428	1999 01	11.28384	04 33 22.04	+22 07 55.1	17.6	704	5602	1999 01	08.33481	08 54 49.97	+16 59 19.5	17.0 V	691
5442	1999 01	22.02602	11 05 42.14	+06 42 28.1	18.1	120	5602	1999 01	08.35677	08 54 48.74	+16 59 25.5	16.1 V	691
5442	1999 01	22.08067	11 05 40.95	+06 42 34.2		120	5602	1999 01	08.37869	08 54 47.77	+16 59 35.0	17.0 V	691
5450	1999 01	11.13481	02 19 09.21	+07 14 52.4	18.2	704	5602	1999 01	09.97080	08 53 29.62	+17 08 59.6	16.7	120
5450	1999 01	11.14541	02 19 09.64	+07 14 55.8	18.2	704	5602	1999 01	10.01372	08 53 27.37	+17 09 14.8		120
5450	1999 01	11.15600	02 19 09.95	+07 14 58.8	18.2	704	5602	1999 01	10.38030	08 53 08.68	+17 11 30.0	17.2 R	699
5450	1999 01	11.16648	02 19 10.25	+07 15 03.3	17.8	704	5602	1999 01	10.40583	08 53 07.32	+17 11 38.3		699
5450	1999 01	11.17698	02 19 10.60	+07 15 05.9	17.8	704	5602	1999 01	10.43139	08 53 05.96	+17 11 47.4		699
5450	1999 01	17.09068	02 22 39.08	+07 46 59.1	16.8 R	699	5602	1999 01	17.45766	08 46 29.92	+17 56 59.3	16.9 V	691
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6089	1999 01 15.53892	11 05 43.35	+08 36 34.7		699	6171	1999 01 22.				

6200	1999 01	09.50031	09 34	10.58	+28 15 26.4		699	6320	1999 01	18.46613	09 18	52.80	+16 05 23.8	18.1	V	691	
6202	1999 01	15.42704	10 52	18.74	+05 37 06.9	17.9	R	699	6321	1999 01	13.23012	04 26	30.69	+04 22 34.7	16.1	R	699
6202	1999 01	15.45253	10 52	18.17	+05 37 07.6			699	6321	1999 01	13.25051	04 26	30.42	+04 22 45.9			699
6202	1999 01	15.47802	10 52	17.59	+05 37 10.0			699	6321	1999 01	13.26095	04 26	30.29	+04 22 51.5			699
6205	1999 01	14.19332	04 43	50.43	+07 09 02.1	16.9	R	699	6322	1999 01	19.62703	07 10	12.94	-44 49 00.3	18.2	R	428
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6208	1999 01	13.84595	03 00	48.26	+17 02 55.8	18.4	V	910	6323	1999 01	08.24471	04 28	50.29	+29 34 44.3	17.1		704
6208	1999 01	13.86909	03 00	48.89	+17 02 58.3	18.2	V	910	6323	1999 01	08.25725	04 28	50.05	+29 34 39.8	17.1		704
6208	1999 01	13.89369	03 00	49.60	+17 03 00.8	18.3	V	910	6323	1999 01	08.28615	04 28	49.17	+29 34 35.5	17.1		704
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6209	1999 01	07.36663	08 29	54.72	+18 18 24.1	16.4	V	691	6324	1998 12	29.73919	09 10	08.88	+19 14 00.3			327
6209	1999 01	11.20221	08 26	30.54	+18 26 11.9	15.9	R	727	6324	1998 12	29.75541	09 10	08.58	+19 14 03.7			327
6209	1999 01	11.21786	08 26	29.64	+18 26 14.3	15.9	R	727	6324	1999 01	16.28912	08 59	59.00	+20 26 40.7			720
6209	1999 01	11.23355	08 26	28.75	+18 26 16.5	15.8	R	727	6324	1999 01	16.29120	08 59	58.89	+20 26 40.3			720
6211	1999 01	08.17057	02 20	02.34	+24 50 58.6	18.5	R	699	6324	1999 01	16.30729	08 59	57.98	+20 26 45.8			720
6211	1999 01	08.19598	02 20	03.69	+24 50 54.4			699	6324	1999 01	16.30972	08 59	57.89	+20 26 46.4			720
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6212	1999 01	10.20853	03 45	53.66	+13 10 48.8	17.0	R	699	6328	1999 01	06.20833	03 30	07.27	+18 43 31.8			699
6212	1999 01	10.23628	03 45	53.30	+13 10 46.8			699	6328	1999 01	06.23057	03 30	06.96	+18 43 31.8			699
6212	1999 01	10.26177	03 45	52.98	+13 10 44.8			699	6334	1999 01	13.49698	12 07	17.32	+03 58 57.0	17.0	R	699
6215	1998 12	01.70469	04 54	47.09	+20 27 33.3			327	6334	1999 01	13.51227	12 07	17.77	+03 58 56.1			699
6215	1998 12	01.71333	04 54	46.54	+20 27 31.0	17.2		327	6334	1999 01	13.52756	12 07	18.19	+03 58 54.8			699
6215	1998 12	01.72140	04 54	46.08	+20 27 30.7			327	6338	1999 01	05.15997	03 49	33.93	+18 37 42.1	16.7	R	699
6216	1999 01	08.13003	01 51	36.12	+13 20 47.1	17.9		704	6338	1999 01	05.18160	03 49	33.38	+18 37 45.1			699
6216	1999 01	08.14084	01 51	36.53	+13 20 51.5	17.9		704	6338	1999 01	05.20200	03 49	32.91	+18 37 47.7			699
6216	1999 01	08.15227	01 51	36.94	+13 20 54.8	17.9		704	6341	1999 01	08.07483	00 48	29.84	+05 35 21.0	17.7		704
6216	1999 01	08.16409	01 51	37.45	+13 20 55.2	18.3		704	6341	1999 01	08.08575	00 48	30.57	+05 35 23.0	17.7		704
6216	1999 01	08.17525	01 51	37.92	+13 21 00.4	18.3		704	6341	1999 01	08.09753	00 48	31.05	+05 35 23.9	17.7		704
6216	1999 01	11.12955	01 53	44.27	+13 34 04.7	18.5		704	6341	1999 01	08.10871	00 48	31.76	+05 35 27.1	17.3		704
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6216	1999 01	11.15072	01 53	45.20	+13 34 11.3	18.5		704	6341	1999 01	11.08666	00 51	21.18	+05 45 03.4	18.1		704
6216	1999 01	11.16119	01 53	45.52	+13 34 13.9	18.7		704	6341	1999 01	11.09769	00 51	21.82	+05 45 06.8	18.4		704
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6223	1999 01	10.07383	23 00	47.49	-02 57 56.5	18.5	R	699	6349	1999 01	09.37449	07 52	47.34	+31 18 54.8	16.0	R	699
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6239	1999 01	16.87610	03 34	32.11	+30 47 14.2			118	6350	1999 01	10.07128	22 47	56.00	-03 41 21.6	18.3	R	699
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6239	1999 01	25.08757	03 20	43.11	+28 43 45.1			711	6350	1999 01	10.10184	22 47	58.39	-03 41 05.8			699
6239	1999 01	25.09615	03 20	42.36	+28 43 37.7			711	6356	1999 01	17.88244	07 28	35.03	+04 12 38.4	16.3		145
6251	1999 01	13.49955	11 57	37.14	+03 11 31.1	17.2	R	699	6356	1999 01	17.90308	07 28	33.90	+04 12 48.5	16.2		145
6251	1999 01	13.51481	11 57	37.75	+03 11 33.5			699	6359	1999 01	11.08139	01 19	29.77	-01 21 39.0	17.4		704
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6251	1999 01	14.09479	11 57	59.53	+03 11 06.2			120	6359	1999 01	11.11461	01 19	30.98	-01 21 23.0	17.8		704
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6254	1999 01	07.07206	00 50	08.05	+03 17 41.6	18.8		704	6374	1999 01	17.13795	02 49	42.65	+04 47 31.6	17.3	R	699
6254	1999 01	07.08236	00 50	08.36	+03 17 45.9	18.3		704	6374	1999 01	17.15323	02 49	43.00	+04 47 36.1			699
6254	1999 01	07.09294	00 50	08.84	+03 17 45.8	17.9		704	6374	1999 01	17.16851	02 49	43.36	+04 47 40.4			699
6254	1999 01	07.10347	00 50	09.25	+03 17 50.0	17.9		704	6389	1998 12	10.89333	08 11	47.11	+17 07 51.0	17.3		327
6255	1999 01	23.78008	06 53	53.66	+20 52 38.6	17.5		120	6389	1998 12	10.90146	08 11	46.96	+17 07 52.5			327
6255	1999 01	23.79133	06 53	53.10	+20 52 38.4			120	6389	1998 12	10.90961	08 11	46.77	+17 07 53.5			327
6262	1999 01	05.80352	01 25	40.57	+05 25 10.3	18.6	V	910	6389	1999 01	09.31922	07 52	11.88	+19 03 29.8			720
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6262	1999 01	09.77225	01 28	33.28	+05 47 37.1	17.5	V	910	6389	1999 01	10.29722	07 51	17.71	+19 08 19.3			720
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6262	1999 01	09.81798	01 28	35.31	+05 47 53.0	17.7	V	910	6389	1999 01	10.30972	07 51	16.98	+19 08 23.4			720
6262	1999 01	10.13552	01 28	49.95	+05 49 44.9	18.2	R	699	6390	1999 01	06.13075	02 18	46.87	+11 06 56.7	18.0	R	699
6262	1999 01	10.16441	01 28	51.25	+05 49 55.6			699	6390	1999 01	06.15113	02 18	46.97	+11 07 01.0			699
6262	1999 01	10.18992	01 28	52.39	+05 50 04.7			699	6390	1999 01	06.17155	02 18	47.22	+11 07 05.2			699
6262	1999 01	11.08091	01 29	33.80	+05 55 19.8	19.1		704	6395	1999 01	13.45263	09 37	13.30	+11 34 51.8	17.3	R	699
6262	1999 01	11.09189	01 29	34.35	+05 55 23.5	18.6		704	6395	1999 01	13.47302	09 37	12.60	+11 34 54.6			699
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6262	1999 01	11.12485	01 29	35.83	+05 55 34.6	19.0		704	6395	1999 01	20.90247	09 31	10.34	+12 00 11.5	17.7		120
6265	1999 01	08.24562	04 25	19.07	+25 49 49.2	18.0		704	6395	1999 01	20.92911	09 31</					

6402	1999 01	19.74253	06 59 03.15	+20 01 49.7	17.5	120	6524	1999 01	15.19811	04 37 14.70	-00 53 42.2	16.3 R	699
6402	1999 01	19.76578	06 59 01.89	+20 01 54.0		120	6524	1999 01	15.20829	04 37 14.52	-00 53 32.3		699
6402	1999 01	19.77663	06 59 01.31	+20 01 56.0		120	6524	1999 01	15.21847	04 37 14.36	-00 53 22.3		699
6402	1999 01	21.81863	06 57 16.05	+20 08 08.7	16.9	120	6533	1999 01	08.44869	08 16 53.97	+52 59 34.6	16.5 R	699
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6402	1999 01	23.78277	06 55 38.86	+20 14 01.1	17.9	120	6533	1999 01	08.48161	08 16 51.32	+52 59 51.8		699
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6411	1999 01	12.59416	10 42 31.59	-06 57 45.2	17.3 R	422	6535	1999 01	08.19090	01 51 48.64	+26 42 22.2		699
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6411	1999 01	12.59528	10 42 31.59	-06 57 44.2	17.3 R	422	6602	1999 01	14.31606	08 43 43.42	+55 29 31.5	18.2	704
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6416	1999 01	10.13043	01 12 51.27	+08 54 23.0	18.9 R	699	6618	1999 01	14.28528	08 14 33.56	+55 05 01.6	18.0	704
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6419	1999 01	08.12669	01 39 15.87	+20 20 09.5	17.1	704	6618	1999 01	25.63993	07 46 15.05	+52 31 13.4	15.0 V	372
6419	1999 01	08.13723	01 39 16.33	+20 20 08.9		704	6618	1999 01	25.72847	07 46 02.84	+52 29 38.4	15.0 V	372
6419	1999 01	08.14866	01 39 16.65	+20 20 07.3		704	6618	1999 01	26.70313	07 43 53.07	+52 12 16.7	15.1 V	372
6419	1999 01	08.16029	01 39 17.29	+20 20 07.0		704	6618	1999 01	26.71007	07 43 51.81	+52 12 07.4	15.1 V	372
6419	1999 01	08.17181	01 39 17.73	+20 20 03.9	17.7	704	6629	1999 01	10.14061	00 57 28.83	+05 31 16.5	19.1 R	699
6419	1999 01	14.08813	01 43 26.85	+20 12 43.2	15.7 R	699	6629	1999 01	10.16949	00 57 31.51	+05 31 32.2		699
6419	1999 01	14.10338	01 43 27.52	+20 12 42.4		699	6629	1999 01	13.73235	01 03 23.33	+06 05 09.5	19.1 V	910
6419	1999 01	14.11867	01 43 28.22	+20 12 42.0		699	6629	1999 01	13.75928	01 03 26.05	+06 05 24.6	18.9 V	910
6425	1999 01	11.48441	03 25 13.19	+04 59 32.4	15.7 R	426	6629	1999 01	13.78248	01 03 28.30	+06 05 38.1	18.9 V	910
6425	1999 01	11.49676	03 25 13.33	+04 59 33.8	15.7 R	426	6629	1999 01	14.75147	01 05 05.58	+06 14 54.3	19.1 V	910
6425	1999 01	11.50874	03 25 13.50	+04 59 35.6	15.6 R	426	6629	1999 01	14.77428	01 05 07.85	+06 15 07.6	18.8 V	910
6429	1999 01	13.45009	09 47 53.58	+12 16 07.8	18.0 R	699	6629	1999 01	14.79873	01 05 10.26	+06 15 21.6	18.9 V	910
6429	1999 01	13.47047	09 47 52.68	+12 16 13.5		699	6646	1999 01	09.42778	10 27 30.57	+31 16 26.9	16.3 R	699
6429	1999 01	13.49086	09 47 51.79	+12 16 19.3		699	6646	1999 01	09.46338	10 27 28.95	+31 16 23.6		699
6437	1999 01	07.23663	04 32 34.51	+19 02 07.2	17.6	704	6646	1999 01	09.48377	10 27 28.05	+31 16 22.3		699
6437	1999 01	07.24701	04 32 34.19	+19 02 07.3	17.6	704	6669	1998 12	17.46378	01 29 18.65	+08 54 43.7	16.7	327
6437	1999 01	07.25738	04 32 33.87	+19 02 07.4	17.8	704	6669	1998 12	17.47605	01 29 18.89	+08 54 47.4		327
6437	1999 01	07.26771	04 32 33.55	+19 02 07.4	18.1	704	6669	1998 12	17.48844	01 29 19.12	+08 54 51.4		327
6437	1999 01	15.20778	04 29 20.22	+19 01 19.5		684	6669	1999 01	08.12744	01 42 43.87	+11 08 29.1	17.5	704
6437	1999 01	15.27545	04 29 18.88	+19 01 19.7		684	6669	1999 01	08.13806	01 42 44.44	+11 08 34.1		704
6437	1999 01	16.22671	04 29 02.16	+19 01 29.8		684	6669	1999 01	08.14944	01 42 45.00	+11 08 38.9	17.9	704
6437	1999 01	16.24953	04 29 01.76	+19 01 30.0		684	6669	1999 01	08.16119	01 42 45.66	+11 08 43.6	18.4	704
6439	1999 01	15.33726	09 05 13.73	+07 51 26.6	17.1 R	699	6669	1999 01	08.17255	01 42 46.12	+11 08 47.5	18.4	704
6439	1999 01	15.36280	09 05 12.75	+07 51 36.2		699	6669	1999 01	11.08456	01 45 21.42	+11 29 30.6	18.2	704
6439	1999 01	15.38833	09 05 11.73	+07 51 44.9		699	6669	1999 01	11.09568	01 45 22.08	+11 29 36.3	18.2	704
6442	1999 01	06.92568	08 12 59.99	+17 10 39.7	18.0	120	6669	1999 01	11.10688	01 45 22.57	+11 29 41.0	18.2	704
6442	1999 01	06.94556	08 12 58.96	+17 10 43.7		120	6669	1999 01	11.11785	01 45 23.24	+11 29 45.0	18.3	704
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6442	1999 01	13.26683	08 07 17.85	+17 32 13.8	17.8 V	691	6735	1999 01	07.07219	00 56 18.48	+04 10 31.2	17.9	704
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6442	1999 01	13.31580	08 07 15.04	+17 32 24.5	17.7 V	691	6735	1999 01	07.09308	00 56 20.04	+04 10 44.4	17.5	704
6442	1999 01	21.84584	07 59 09.68	+18 03 14.5	18.2	120	6735	1999 01	07.10361	00 56 20.89	+04 10 48.9	17.5	704
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6451	1999 01	23.95961	09 40 06.15	+15 57 33.3	18.3	120	6743	1999 01	11.09008	01 15 29.01	+03 37 35.0	18.5	704
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6451	1999 01	25.95038	09 38 31.18	+16 08 25.0	18.1	120	6762	1999 01	10.15564	01 00 33.86	+09 21 57.9		699
6451	1999 01	25.97412	09 38 30.01	+16 08 32.9		120	6762	1999 01	10.18225	01 00 36.26	+09 22 13.6		699
6451	1999 01	27.97595	09 36 51.03	+16 19 37.3	18.7	120	6764	1999 01	11.07475	00 50 05.49	+08 04 19.5	18.4	704
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6457	1999 01	08.25551	08 08 29.05	+19 18 49.5	17.9 V	691	6764	1999 01	11.09655	00 50 06.89	+08 04 28.1	18.3	704
6457	1999 01	08.27781	08 08 27.86	+19 18 54.2	17.2 V	691	6764	1999 01	11.10773	00 50 07.50	+08 04 32.6	18.4	704
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6462	1999 01	15.08519	03 55 53.64	+08 16 00.9	17.0 R	699	6768	1999 01	06.18509	03 17 59.26	+20 17 22.8	17.3 R	699
6462	1999 01	15.10044	03 55 53.49	+08 16 07.4		699	6768	1999 01	06.21157	03 17 59.55	+20 17 20.9		699
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6464	1999 01	06.42226	07 50 32.21	+22 04 03.9		699	6787	1999 01	05.11483	01 40 46.51	+12 44 41.4		699
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6476	1999 01	14.42792	12 41 33.57	+16 44 09.9	18.2	704	6787	1999 01	08.12751	01 43 14.12	+12 52 47.0	18.8	704
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6837	1999 01 08.13367	02 24 27.41	+32 43 49.4	16.8	704	6889	1999 01 10.44968	09 02 26.58	+21 36 31.6	18.3 R	699
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6837	1999 01 09.15071	02 25 08.27	+32 40 58.4		699	6893	1999 01 05.08681	00 59 46.95	+13 42 47.6	17.8 R	699
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6843	1999 01 08.07767	01 15 14.18	+11 53 55.0	18.0	704	6893	1999 01 05.12758	00 59 49.77	+13 42 58.8		699
6843	1999 01 08.08892	01 15 14.60	+11 53 59.4	18.0	704	6893	1999 01 08.07545	01 03 19.00	+13 55 52.3	18.2	704
6843	1999 01 08.10064	01 15 15.11	+11 54 03.6	18.0	704	6893	1999 01 08.08644	01 03 19.93	+13 55 57.5	17.9	704
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6843	1999 01 11.07788	01 17 19.89	+12 09 45.6	18.4	704	6893	1999 01 08.12057	01 03 22.31	+13 56 03.9	18.2	704
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6843	1999 01 11.09988	01 17 20.81	+12 09 52.3	18.4	704	6895	1999 01 05.16889	04 14 01.17	+22 12 48.9		699
6843	1999 01 11.12187	01 17 21.71	+12 09 58.8	18.9	704	6895	1999 01 05.19053	04 14 00.56	+22 12 47.3		699
6844	1999 01 11.13481	02 17 13.14	+06 44 45.3	17.9	704	6897	1999 01 06.12822	02 09 29.12	+11 15 50.4	17.3 R	699
6844	1999 01 11.14541	02 17 13.66	+06 44 50.4	17.9	704	6897	1999 01 06.14859	02 09 30.11	+11 15 55.6		699
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6845	1999 01 11.25414	04 44 53.29	+19 26 59.7	18.3	704	6900	1999 01 08.26174	04 37 56.88	+26 36 31.1	17.2	704
6845	1999 01 11.26472	04 44 52.96	+19 27 00.6	18.3	704	6900	1999 01 08.29051	04 37 56.21	+26 36 32.9	17.2	704
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6853	1999 01 08.13039	01 56 08.68	+18 51 53.5	18.8	704	6902	1999 01 10.18609	01 20 16.00	+08 03 29.6		699
6853	1999 01 08.14120	01 56 09.47	+18 51 55.6	18.8	704	6913	1999 01 11.2881337	07 57 53.95	+19 56 31.0		327
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6853	1999 01 11.13129	01 58 47.72	+19 01 56.2	18.3	704	6913	1999 01 11.2884205	07 57 53.75	+19 56 34.9		327
6853	1999 01 11.14186	01 58 48.28	+19 01 59.5	18.3	704	6915	1999 01 15.09282	03 13 20.78	+09 55 59.2	18.6 R	699
6853	1999 01 11.16297	01 58 49.32	+19 02 04.7	18.5	704	6915	1999 01 15.10809	03 13 20.87	+09 56 05.2		699
6853	1999 01 11.17346	01 58 49.92	+19 02 04.8	18.5	704	6915	1999 01 15.12337	03 13 20.85	+09 56 10.1		699
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6864	1999 01 06.13075	02 16 45.01	+12 43 47.1	17.7 R	699	6919	1999 01 10.20231	03 20 28.54	+11 27 34.5	17.7 R	699
6864	1999 01 06.15113	02 16 45.86	+12 43 50.8		699	6919	1999 01 10.23118	03 20 28.68	+11 27 41.7		699
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6864	1999 01 11.13447	02 20 48.76	+12 59 21.4	18.0	704	6920	1999 01 11.08350	01 38 30.04	+06 03 42.2	17.8	704
6864	1999 01 11.14506	02 20 49.38	+12 59 22.3	18.0	704	6920	1999 01 11.09460	01 38 30.44	+06 03 47.2	17.8	704
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6864	1999 01 11.16614	02 20 50.31	+12 59 28.5	18.0	704	6920	1999 01 11.11678	01 38 31.48	+06 03 59.8	18.0	704
6864	1999 01 11.17664	02 20 50.93	+12 59 29.6	18.1	704	6925	1999 01 13.19727	04 23 13.70	+06 36 54.0	17.0 R	699
6870	1999 01 13.50337	11 54 08.99	+03 27 31.3	17.2 R	699	6925	1999 01 13.21992	04 23 13.23	+06 36 55.4		699
6870	1999 01 13.51865	11 54 09.52	+03 27 41.2		699	6925	1999 01 13.24032	04 23 12.83	+06 36 56.7		699
6870	1999 01 13.53394	11 54 10.07	+03 27 51.7		699	6928	1999 01 10.07512	23 04 26.12	-03 33 54.3	18.6 R	699
6872	1999 01 10.07063	05 22 25.05	+19 07 46.9	16.5 R	747	6928	1999 01 10.09039	23 04 27.73	-03 33 46.9		699
6872	1999 01 10.07796	05 22 24.67	+19 07 46.8	16.4 R	747	6928	1999 01 10.10566	23 04 29.32	-03 33 38.6		699
6872	1999 01 10.08534	05 22 24.33	+19 07 46.5	16.1 R	747	6932	1999 01 14.35911	09 35 47.02	+16 04 58.6	18.4 R	699
6872	1999 01 16.18194	05 18 11.97	+19 03 20.5	16.9 R	747	6932	1999 01 14.37950	09 35 46.09	+16 05 06.0		699
6872	1999 01 16.19227	05 18 11.60	+19 03 20.2	16.9 R	747	6932	1999 01 14.39919	09 35 45.20	+16 05 09.9		699
6874	1999 01 11.24239	04 43 53.75	+23 43 07.4	18.1	704	6934	1999 01 07.19809	03 31 44.68	+15 59 55.3	17.1 R	699
6874	1999 01 11.25310	04 43 53.27	+23 43 09.8	18.1	704	6934	1999 01 07.22644	03 31 44.56	+16 00 01.4		699
6874	1999 01 11.27426	04 43 52.44	+23 43 12.2	18.1	704	6934	1999 01 07.27873	03 31 44.34	+16 00 13.9		699
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6875	1999 01 10.48156	08 58 06.70	+20 12 01.7		699	6934	1999 01 21.75199	03 34 03.43	+17 04 00.8		610
6875	1999 01 10.50197	08 58 05.47	+20 12 09.7		699	6934	1999 01 21.75721	03 34 03.52	+17 04 02.2		610
6876	1999 01 05.88553	06 20 52.78	+15 03 03.0		108	6934	1999 01 21.76300	03 34 03.62	+17 04 03.8		610
6876	1999 01 05.88912	06 20 52.54	+15 03 01.3		108	6934	1999 01 21.76855	03 34 03.72	+17 04 05.3		610
6876	1999 01 05.89479	06 20 52.13	+15 03 00.5	16.8 V	108	6935	1999 01 06.11420	02 29 13.21	+14 29 16.7	18.7 R	699
6876	1999 01 13.84568	06 12 57.50	+15 03 05.2		108	6935	1999 01 06.13457	02 29 13.95	+14 29 20.1		699
6876	1999 01 13.85538	06 12 56.85	+15 03 05.9		108	6935	1999 01 06.15498	02 29 14.62	+14 29 23.7		699
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6882	1999 01 06.26738	03 10 10.66	+29 23 52.5	16.2 R	699	6940	1999 01 10.32723	08 22 32.18	+24 06 18.1		699
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6882	1999 01 06.30822	03 10 10.68	+29 23 33.4		699	6949	1999 01 14.37568	09 05 34.47	+10 01 10.0	17.2 R	699
6884	1999 01 01.52920	02 03 30.19	+09 53 21.9		327	6949	1999 01 14.41576	09 05 32.51	+10 01 26.5		699
6884	1999 01 01.54145	02 03 30.81	+09 53 27.0	17.7	327	6949	1999 01 14.43847	09 05 31.40	+10 01 35.6		699
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6884	1999 01 11.13308	02 11 55.79	+10 53 28.1	18.3	704	6950	1999 01 11.14561	02 14 40.59	+03 10 02.3	18.2	704
6884	1999 01 11.14366	02 11 56.40	+10 53 33.3	17.8	704	6950	1999 01 11.16668	02 14 41.02</			

6964	1999 01	15.48823	10 15 22.03	+03 57 16.9		699	7084	1999 01	10.28351	07 11 51.26	+11 20 05.7		720
6969	1999 01	10.38286	09 02 03.53	+11 14 50.9	15.8 R	699	7094	1999 01	15.43852	10 23 26.36	+04 07 12.6	16.9 R	699
6969	1999 01	10.40838	09 02 02.29	+11 14 59.6		699	7094	1999 01	15.46400	10 23 25.73	+04 07 17.6		699
6969	1999 01	10.43394	09 02 01.09	+11 15 08.5		699	7094	1999 01	15.48950	10 23 25.07	+04 07 23.1		699
6972	1999 01	11.12982	01 55 18.17	+09 14 21.4	18.1	704	7098	1999 01	10.07551	05 20 25.53	+19 26 25.2	17.1 R	747
6972	1999 01	11.14031	01 55 18.61	+09 14 23.4	18.1	704	7098	1999 01	10.08266	05 20 25.19	+19 26 25.8	17.6 R	747
6972	1999 01	11.15100	01 55 19.08	+09 14 23.3	18.1	704	7098	1999 01	10.09019	05 20 24.82	+19 26 26.4	17.4 R	747
6972	1999 01	11.16146	01 55 19.38	+09 14 27.2	18.3	704	7098	1999 01	16.18990	05 16 00.04	+19 37 18.1	16.8 R	747
6983	1999 01	11.14338	02 08 39.71	+04 53 44.3	18.6	704	7098	1999 01	16.20000	05 15 59.62	+19 37 19.3	16.8 R	747
6983	1999 01	11.16446	02 08 40.02	+04 53 50.2	18.9	704	7098	1999 01	16.24206	05 15 57.96	+19 37 24.0	17.7 R	747
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6988	1999 01	11.24266	04 38 38.66	+18 41 36.8	18.0	704	7107	1999 01	13.22119	04 07 17.09	+07 13 57.9		699
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6992	1999 01	17.15578	03 02 04.68	+05 39 28.3		699	7120	1999 01	15.42576	10 49 08.36	+07 09 45.7	18.0 R	699
6992	1999 01	17.17105	03 02 04.97	+05 39 33.0		699	7120	1999 01	15.45126	10 49 07.98	+07 09 47.4		699
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6994	1999 01	11.10168	01 23 37.50	+09 13 16.7	18.9	704	7132	1999 01	21.17937	12 11 50.44	-03 42 28.2	17.5	120
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7001	1999 01	16.99125	09 54 56.51	+08 47 42.7	17.0	120	7137	1999 01	13.45263	09 35 49.85	+12 59 18.2	16.9 R	699
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7017	1999 01	10.22991	03 23 43.72	+10 12 27.0	17.8 R	699	7144	1999 01	24.92678	09 31 30.77	+11 16 20.0	18.1	120
7017	1999 01	10.25539	03 23 43.83	+10 12 34.9		699	7144	1999 01	24.95061	09 31 29.60	+11 16 27.9		120
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7024	1999 01	08.14077	01 55 33.43	+11 59 01.2		704	7172	1999 01	06.20694	03 51 22.03	+18 35 10.4		718
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7024	1999 01	08.17513	01 55 34.65	+11 59 09.3	18.2	704	7172	1999 01	16.27594	03 50 14.40	+18 52 03.8		718
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7358	1999 01	06.78415	01 43 00.15	+12 58 16.5	16.5 R	151	7480	1999 01	21.93108	07 03 14.38	+18 23 12.0	108
7358	1999 01	06.78898	01 43 01.09	+12 58 20.0	16.6 R	151	7480	1999 01	21.93639	07 03 14.01	+18 23 21.2	17.0 V 108
7358	1999 01	08.12975	01 47 17.44	+13 13 43.8	17.5	704	7480	1999 01	24.90839	07 00 33.58	+19 22 47.3	17.3 V 610
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7358	1999 01	15.83354	02 10 54.12	+14 36 08.0		118	7480	1999 01	26.04594	06 59 40.55	+19 44 17.1	17.8 V 726
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7367	1999 01	17.46826	09 01 48.59	+17 58 53.4	18.3 V	691	7723	1999 01	15.50576	11 21 12.39	+09 51 16.9	18.1 R 699
7367	1999 01	17.49072	09 01 47.56	+17 58 57.6	18.3 V	691	7723	1999 01	15.52104	11 21 12.17	+09 51 23.2	699
7367	1999 01	17.51314	09 01 46.53	+17 59 01.7	18.3 V	691	7723	1999 01	15.53638	11 21 12.02	+09 51 26.4	699
7382	1999 01	10.13552	01 27 35.80	+06 45 29.1	18.0 R	699	7729	1998 11	28.71150	05 47 20.59	+20 24 05.8	16.9

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8020	1999 01	21.09488	10 19 53.55	+23 32 23.4	16.8 R	113	8112	1999 01	17.52713	10 01 45.98	+14 04 51.6	18.0 V	691
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8029	1999 01	09.39491	07 52 12.65	+30 55 05.1		699	8119	1999 01	15.13035	11 04 02.50	+06 03 31.7		120
8029	1999 01	09.41536	07 52 11.45	+30 55 08.8		699	8120	1999 01	23.02331	11 00 05.17	+08 36 34.7	19.4 V	910
8036	1999 01	20.89892	07 03 38.87	+29 34 46.1	17.3 V	610	8120	1999 01	23.05058	11 00 04.43	+08 36 41.4	19.3 V	910
8036	1999 01	20.90656	07 03 38.46	+29 34 47.0		610	8120	1999 01	23.07570	11 00 03.74	+08 36 47.1	19.0 V	910
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8183	1999 01	15.52359	11 05 11.18	+09 49 14.3		699	9241	1999 01	13.48639	03 18 31.46	+05 06 40.0	17.0 R	428
8183	1999 01	15.53892	11 05 10.98	+09 49 16.1		699	9260	1999 01	07.07219	00 55 21.42	+04 38 09.1	18.6	704
8186	1999 01	05.94436	08 22 00.05	+15 14 14.2	17.2	120	9260	1999 01	07.08250	00 55 22.63	+04 38 15.5	17.9	704
8186	1999 01	05.97279	08 21 58.62	+15 14 13.5		120	9260	1999 01	07.09308	00 55 23.64	+04 38 19.8	17.5	704
8188	1999 01	10.44480	08 55 10.35	+23 14 58.6	16.3 R	699	9260	1999 01	07.10361	00 55 24.75	+04 38 25.4	17.7	704
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8210	1999 01	13.49698	12 12 42.79	+04 34 11.7	18.5 R	699	9260	1999 01	10.19501	01 00 54.94	+05 05 59.8		699
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8210	1999 01	13.52756	12 12 43.84	+04 34 05.6		699	9260	1999 01	14.77711	01 09 13.39	+05 47 50.7	18.4 V	910
8225	1999 01	24.93485	09 36 19.98	+14 16 33.2	18.8	120	9260	1999 01	14.80156	01 09 16.04	+05 48 04.5	18.4 V	910
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8234	1999 01	24.00718	09 44 30.81	+11 35 59.1	18.0	120	9262	1999 01	08.09654	00 56 48.53	+18 53 23.7	17.0	704
8234	1999 01	24.02228	09 44 30.16	+11 36 02.5		120	9262	1999 01	08.10778	00 56 49.28	+18 53 27.1	17.3	704
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8247	1999 01	13.46793	09 59 11.05	+14 06 06.2		699	9295	1998 10	20.28465	01 17 20.87	+13 15 52.1	16.5 V	689
8247	1999 01	13.48831	09 59 10.43	+14 06 10.8		699	9297	1999 01	08.07171	00 41 21.16	+07 47 47.6	18.5	704
8247	1999 01	17.52391	09 57 06.55	+14 20 47.4	17.6 V	691	9297	1999 01	08.09404	00 41 22.36	+07 47 50.4	18.9	704
8247	1999 01	17.53681	09 57 06.12	+14 20 50.3	17.6 V	691	9297	1999 01	08.10531	00 41 22.90	+07 47 50.3	18.8	704
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8250	1999 01	09.32866	07 26 33.57	+39 46 59.5		699	9298	1999 01	11.13245	02 02 23.01	+06 02 47.2	17.5	704
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8260	1999 01	13.51865	11 52 48.67	+03 27 01.4		699	9300	1998 12	02.43061	23 16 10.99	-12 56 42.1		327
8260	1999 01	13.53394	11 52 48.90	+03 27 01.5		699	9300	1998 12	02.43451	23 16 11.37	-12 56 39.6		327
8261	1999 01	28.02145	11 51 22.75	+01 25 40.0	19.0	120	9308	1998 10	20.18207	22 49 14.12	+06 10 42.8	18.5 V	689
8261	1999 01	28.09419	11 51 21.81	+01 25 43.9		120	9314	1999 01	11.13726	02 28 26.80	+07 04 46.2	17.4	704
8271	1999 01	14.51591	11 23 06.62	+07 04 23.0	19.0 R	699	9314	1999 01	11.14786	02 28 27.35	+07 04 51.9	17.4	704
8271	1999 01	14.53122	11 23 06.64	+07 04 27.8		699	9314	1999 01	11.15843	02 28 27.96	+07 04 57.3	18.1	704
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8278	1999 01	14.42760	12 37 28.07	+15 35 16.8	17.7	704	9314	1999 01	11.17940	02 28 29.10	+07 05 07.1	18.3	704
8278	1999 01	14.45033	12 37 28.97	+15 35 20.0		704	9333	1999 01	13.07574	00 14 56.74	+00 40 42.8	17.1 R	699
8278	1999 01	14.47314	12 37 29.85	+15 35 23.3	17.9	704	9333	1999 01	13.09101	00 14 57.97	+00 40 57.4		699
8278	1999 01	14.49590	12 37 30.79	+15 35 26.2	17.9	704	9333	1999 01	13.10856	00 14 59.43	+00 41 14.9		699
8278	1999 01	14.51867	12 37 31.55	+15 35 29.4	18.0	704	9348	1999 01	07.08623	01 48 49.65	+09 09 58.3		691
8280	1999 01	14.99273	09 54 25.42	+14 21 10.5	19.3 V	910	9348	1999 01	07.10733	01 48 50.85	+09 10 11.0	17.3 V	691
8280	1999 01	15.00336	09 54 25.10	+14 21 13.3	19.6 V	910	9348	1999 01	07.12860	01 48 52.05	+09 10 23.6	17.2 V	691
8280	1999 01	15.01382	09 54 24.69	+14 21 15.3	19.6 V	910	9358	1999 01	13.07574	00 17 39.30	-01 26 01.9	19.0 R	699
8280	1999 01	17.52102	09 52 56.05	+14 30 44.0	19.3 V	691	9358	1999 01	13.09101	00 17 40.56	-01 25 54.7		699
8280	1999 01	17.53392	09 52 55.59	+14 30 46.9	19.3 V	691	9358	1999 01	13.10856	00 17 42.01	-01 25 43.7		699
8280	1999 01	17.54655	09 52 55.10	+14 30 49.7	19.2 V	691	9362	1999 01	13.07574	00 14 50.84	-00 34 02.9	17.9 R	699
8302	1999 01	22.20221	13 42 02.23	-04 13 24.7	20.7 V	910	9362	1999 01	13.09101	00 14 52.08	-00 33 52.1		699
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8302	1999 01	22.23493	13 42 03.50	-04 13 28.6	20.8 V	910	9369	1999 01	04.45407	01 33 28.99	+09 32 26.5		327
8302	1999 01	23.19519	13 42 41.84	-04 15 17.2	20.4 V	910	9369	1999 01	04.46619	01 33 29.36	+09 32 28.9	18.2	327
8302	1999 01	23.21601	13 42 42.64	-04 15 19.5	20.7 V	910	9369	1999 01	09.08693	01 36 04.97	+09 48 02.9	18.8 V	691
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8316	1999 01	15.43470	10 26 08.89	+02 52 34.7	16.3 R	699	9369	1999 01	13.15808	01 38 43.40	+10 03 41.0	18.8 V	691
8316	1999 01	15.46017	10 26 08.21	+02 52 33.5		699	9370	1999 01	14.09861	02 00 47.56	+10 58 43.2	19.8 V	691
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8320	1999 01	23.18049	13 55 57.04	-11 16 52.2	19.0	120	9370	1999 01	14.16167	02 00 50.38	+10 58 59.8	19.7 V	691
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8352	1999 01	15.91767	11 16 56.76	+17 21 49.0	18.0	327	9381	1999 01	10.07766	23 20 11.40	-04 06 40.1	18.9 R	699
8352	1999 01	15.93242	11 16 56.77	+17 21 52.9		327	9381	1999 01	10.09294	23 20 12.55	-04 06 31.9		699
8385	1999 01	22.10154	12 06 04.00	+02 30 55.8	18.6	120	9381	1999 01	10.10822	23 20 13.58	-04 06 25.3		699
8385	1999 01	22.17517	12 06 04.57	+02 30 58.4		120	9387	1998 10	20.26493	00 48 49.94	+48 19 15.4	16.0 V	689
8427	1999 01	06.08910	07 23 43.06	+11 43 25.0	15.3 R	747	9387	1999 01	09.08158	01 05 09.			

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9514	1999 01	09.11189	01 40 55.35	+09 58 20.4	19.1 V	691	9559	1999 01	16.43514	02 31 39.65	+15 37 39.6		327
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9514	1999 01	13.13021	01 45 04.70	+10 26 15.9	19.1 V	691	9559	1999 01	17.43117	02 32 04.42	+15 39 06.3		327
9514	1999 01	13.16250	01 45 06.70	+10 26 29.0	19.0 V	691	9559	1999 01	17.44170	02 32 04.67	+15 39 07.9	18.2	327
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9514	1999 01	22.14893	01 55 17.58	+11 31 51.4	19.8 V	691	9560	1999 01	06.11928	02 00 10.73	+15 28 43.6	18.6 R	699
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9517	1999 01	10.14061	00 58 13.19	+05 29 37.2	18.2 R	699	9560	1999 01	06.16008	02 00 12.15	+15 28 49.9		699
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9517	1999 01	13.73241	01 03 28.83	+06 12 27.3	18.6 V	910	9560	1999 01	08.16661	02 01 28.48	+15 32 59.8	18.6	704
9517	1999 01	13.75934	01 03 31.15	+06 12 47.1	18.4 V	910	9562	1998 10	20.28721	01 21 02.18	+02 37 43.1	18.8 V	689
9517	1999 01	13.78253	01 03 33.20	+06 13 03.5	18.4 V	910	9562	1998 12	30.46808	01 12 23.63	+03 23 23.7	17.8	327
9528	1999 01	15.14863	01 24 08.34	+09 30 04.9	20.1 V	691	9562	1998 12	30.47206	01 12 23.84	+03 23 25.6		327
9528	1999 01	15.16984	01 24 09.43	+09 30 12.3	20.0 V	691	9562	1998 12	30.47600	01 12 23.99	+03 23 27.5		327
9528	1999 01	15.19086	01 24 10.48	+09 30 19.7	19.6 V	691	9562	1999 01	11.07938	01 20 32.51	+04 29 55.8	18.5	704
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9530	1999 01	19.12919	01 31 32.77	+10 29 46.6	19.4 V	691	9563	1998 12	25.41696	02 01 35.24	+10 59 10.6		327
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9533	1998 10	20.31301	01 58 17.95	+06 18 22.9	15.5 V	689	9563	1998 12	25.43490	02 01 35.89	+10 59 14.4	18.0	327
9533	1999 01	08.12989	01 45 26.57	+10 53 50.2	18.0	704	9563	1998 12	25.44378	02 01 36.23	+10 59 15.9		327
9533	1999 01	08.14070	01 45 27.15	+10 53 55.3	17.9	704	9563	1999 01	11.13322	02 15 48.24	+12 13 09.7	18.3	704
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9533	1999 01	08.16393	01 45 28.42	+10 54 06.2	18.0	704	9563	1999 01	11.16489	02 15 50.09	+12 13 20.6	18.4	704
9533	1999 01	08.17506	01 45 29.03	+10 54 12.8	18.2	704	9563	1999 01	11.17539	02 15 50.60	+12 13 25.0	18.4	704
9533	1999 01	11.08456	01 48 16.17	+11 18 29.9	17.9	704	9566	1999 01	06.80752	02 52 43.64	+15 52 58.6	18.3 V	910
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9533	1999 01	11.11785	01 48 18.13	+11 18 47.4	18.9	704	9566	1999 01	07.78075	02 53 11.30	+15 53 44.1	18.4 V	910
9533	1999 01	11.12849	01 48 18.87	+11 18 52.0	19.4	704	9566	1999 01	07.83044	02 53 12.67	+15 53 46.1	19.0 V	910
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9534	1999 01	11.08322	01 38 51.17	+10 43 53.8	17.9	704	9567	1999 01	08.23139	02 48 40.94	+20 25 22.8	17.9	704
9534	1999 01	11.09434	01 38 51.79	+10 43 57.7	17.9	704	9568	1999 01	11.13009	01 49 19.84	+04 48 23.7	18.1	704
9534	1999 01	11.10546	01 38 52.36	+10 44 01.4	18.3	704	9568	1999 01	11.14058	01 49 20.39	+04 48 27.6	18.1	704
9534	1999 01	11.11651	01 38 52.87	+10 44 02.1	18.4	704	9568	1999 01	11.15127	01 49 21.13	+04 48 32.0	18.3	704
9534	1999 01	11.12716	01 38 53.27	+10 44 06.9	18.4	704	9569	1999 01	07.25064	03 49 32.79	+13 35 42.3	17.0 R	699
9534	1999 01	14.08525	01 41 30.10	+10 59 23.3	17.9 V	691	9569	1999 01	07.27617	03 49 32.80	+13 35 49.2		699
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9534	1999 01	14.14832	01 41 33.50	+10 59 43.2	18.1 V	691	9571	1999 01	10.12788	01 02 14.69	+07 59 35.4	19.1 R	699
9535	1999 01	11.13544	02 24 48.62	+09 58 29.0	18.1	704	9571	1999 01	10.15564	01 02 16.41	+07 59 46.9		699
9535	1999 01	11.14604	02 24 49.15	+09 58 34.4	18.0	704	9571	1999 01	10.18225	01 02 18.14	+07 59 57.9		699
9535	1999 01	11.15662	02 24 49.85	+09 58 38.8	18.0	704	9572	1999 01	09.42544	02 19 26.64	+12 35 19.7		327
9535	1999 01	11.16711	02 24 50.22	+09 58 44.5	18.0	704	9572	1999 01	09.44090	02 19 27.47	+12 35 23.1	18.9	327
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9538	1999 01	11.13461	02 17 11.10	+10 41 07.7	18.0	704	9573	1999 01	06.12694	02 01 39.68	+13 08 03.0	18.0 R	699
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9538	1999 01	11.15579	02 17 12.24	+10 41 16.6	18.6	704	9573	1999 01	06.16772	02 01 40.71	+13 08 10.3		699
9538	1999 01	11.16627	02 17 12.62	+10 41 19.9	18.9	704	9573	1999 01	08.13231	02 02 38.08	+13 14 09.8	18.3	704
9538	1999 01	11.17678	02 17 13.24	+10 41 21.0	18.7	704	9573	1999 01	08.14323	02 02 38.39	+13 14 12.3	18.3	704
9539	1999 01	08.12730	01 35 02.71	+08 34 29.7	18.6	704	9573	1999 01	08.16678	02 02 39.16	+13 14 16.2	18.3	704
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9539	1999 01	08.14930	01 35 03.93	+08 34 38.5	18.6	704	9574	1999 01	06.80103	02 43 19.48	+16 10 11.7	17.9 V	910
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9539	1999 01	08.17241	01 35 04.80	+08 34 43.5	18.6	704	9574	1999 01	06.85160	02 43 20.09	+16 10 20.7	17.9 V	910
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9540	1999 01	11.10296	01 23 43.08	+06 02 16.5	18.5	704	9574	1999 01	09.88308	02 44 10.81	+16 20 00.3	17.8 V	910
9540	1999 01	11.11413	01 23 43.61	+06 02 21.4	18.9	704	9576	1998 12	09.62764	04 48 20.42	+26 35 40.9	16.6	327
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9595	1999 01	11.18053	02 47 42.16	+20 58 00.4	18.2	704	9643	1999 01	07.14339	02 28 28.22	+03 57 02.2	16.2	704
9597	1999 01	08.12751	01 39 36.29	+12 30 36.1	18.8	704	9643	1999 01	07.15414	02 28 28.74	+03 57 09.5	15.9	704
9597	1999 01	08.14953	01 39 37.83	+12 30 43.6	19.4	704	9643	1999 01	07.16516	02 28 29.40	+03 57 17.3	15.9	704
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9598	1999 01	08.13218	02 02 59.04	+15 08 03.5	18.3	704	9643	1999 01	17.15067	02 39 05.37	+05 59 57.5		699
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9598	1999 01	08.16661	02 03 00.31	+15 08 12.4	19.1	704	9645	1999 01	08.13025	01 58 22.78	+15 52 53.6	18.3	704
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9600	1999 01	08.21383	03 10 30.63	+20 00 25.9	18.2	704	9649	1999 01	06.16772	01 57 18.76	+13 58 50.7		699
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9601	1999 01	05.15743	03 35 32.23	+18 32 02.2	17.3 R	699	9651	1999 01	14.07362	01 24 42.25	+10 56 04.2	19.5 V	691
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9601	1999 01	05.19946	03 35 32.33	+18 32 06.1		699	9651	1999 01	14.13668	01 24 45.99	+10 56 22.9	19.6 V	691
9601	1999 01	24.11149	03 35 22.68	+19 16 51.3	18.4 V	691	9652	1999 01	14.08813	01 44 54.97	+18 01 27.9	18.2 R	699
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9601	1999 01	24.15648	03 35 23.41	+19 16 59.5	18.2 V	691	9652	1999 01	14.11867	01 44 56.11	+18 01 29.2		699
9602	1999 01	06.28013	03 57 49.89	+23 57 08.4	18.0 R	699	9655	1999 01	07.15524	02 59 20.87	+11 11 19.0	17.6 R	699
9602	1999 01	06.30054	03 57 49.56	+23 57 06.1		699	9655	1999 01	07.17053	02 59 21.06	+11 11 23.8		699
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9607	1999 01	05.07791	01 23 10.75	+16 03 26.0	19.1 R	699	9656	1999 01	11.09525	01 47 42.02	+04 44 21.1	18.5	704
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9609	1999 01	07.82080	02 39 16.40	+16 06 37.5	17.5 V	910	9666	1999 01	08.07955	01 20 03.25	+12 28 10.6	19.5	704
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9612	1999 01	08.24233	04 15 42.94	+29 47 00.0	17.6	704	9666	1999 01	08.11396	01 20 04.88	+12 28 26.0	19.1	704
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9615	1999 01	07.07417	00 55 08.12	+02 09 04.0	17.7	704	9667	1999 01	06.17027	02 13 48.06	+11 21 19.5		699
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9617	1999 01	15.09155	03 35 34.32	+09 42 59.7	17.6 R	699	9669	1999 01	11.17789	02 27 31.73	+14 51 40.7	18.8	704
9617	1999 01	15.10682	03 35 34.74	+09 43 04.9		699	9669	1999 01	14.46588	02 29 32.40	+15 00 39.3	17.7	327
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9618	1999 01	11.08302	01 43 25.04	+14 21 35.6	19.0	704	9669	1999 01	14.49605	02 29 33.54	+15 00 44.5		327
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9618	1999 01	11.10524	01 43 26.29	+14 21 46.5	19.6	704	9669	1999 01	17.44170	02 31 33.45	+15 09 41.2	17.8	327
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9619	1999 01	15.11318	03 33 55.52	+11 35 30.7		699	9671	1999 01	21.94340	07 27 39.05	+12 38 28.9		108
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9621	1999 01	10.18609	01 23 19.65	+08 34 00.2		699	9671	1999 01	24.93309	07 24 21.45	+12 44 24.7		610
9622	1999 01	05.79063	01 07 03.33	+05 29 04.5	18.8 V	910	9671	1999 01	24.94355	07 24 20.73	+12 44 26.4		610
9622	1999 01	05.81372	01 07 05.20	+05 29 12.8	18.7 V	910	9671	1999 01	24.95603	07 24 19.87	+12 44 28.5		610
9622	1999 01	05.83787	01 07 07.13	+05 29 21.3	18.6 V	910	9671	1999 01	24.96097	07 24 19.53	+12 44 29.4		610
9626	1999 01	10.13934	00 56 10.55	+05 23 20.3	18.4 R	699	9672	1999 01	10.30300	08 30 19.16	+24 26 05.1	17.4 R	699
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9626	1999 01	13.73034	01 00 29.64	+05 55 23.7	18.0 V	910	9673	1999 01	10.38286	09 03 26.16	+11 14 23.0	17.9 R	699
9626	1999 01	13.75727	01 00 31.60	+05 55 38.4	18.2 V	910	9673	1999 01	10.40838	09 03 24.82	+11 14 28.0		699
9626	1999 01	13.78045	01 00 33.29	+05 55 50.6	17.8 V	910	9673	1999 01	10.43394	09 03 23.41	+11 14 33.0		699
9626	1999 01	14.74916	01 01 45.47	+06 04 40.2	18.5 V	910	9679	1999 01	13.10248	01 50 45.37	+10 16 24.1	20.3 V	691
9626	1999 01	14.77196	01 01 47.16	+06 04 52.5	18.6 V	910	9679	1999 01	13.13416	01 50 47.40	+10 16 36.0	20.2 V	691
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9627	1999 01	10.12788	01 02 36.81	+08 34 02.5	18.5 R	699	9680	1999 01	08.24734	04 34 16.72	+27 48 58.1	17.3	704
9627	1999 01	10.15564	01 02 38.86	+08 34 08.3		699	9683	1999 01	10.20597	03 27 44.51	+12 42 57.0	18.9 R	699
9627	1999 01	10.18225	01 02 40.90	+08 34 14.0		699	9683	1999 01					

9700	1999 01	10.12117	00 30 36.37	+08 48 40.3	18.8 R	699	9765	1999 01	10.47008	08 57 17.03	+21 52 30.0		699
9700	1999 01	10.14698	00 30 39.01	+08 48 57.6		699	9765	1999 01	10.49050	08 57 15.97	+21 52 31.1		699
9700	1999 01	10.17586	00 30 42.07	+08 49 17.8		699	9780	1998 12	27.65867	09 01 47.39	+17 23 26.7	15.5 V	423
9704	1999 01	05.09446	01 39 53.68	+13 27 10.1	18.9 R	699	9780	1998 12	29.60424	09 00 51.90	+17 18 54.1	15.2 V	423
9704	1999 01	05.11483	01 39 54.59	+13 27 09.0		699	9780	1998 12	29.61535	09 00 51.56	+17 18 51.8	15.0 V	423
9704	1999 01	05.13749	01 39 55.71	+13 27 12.1		699	9780	1998 12	30.76124	09 00 14.68	+17 16 13.9	15.7	327
9704	1999 01	08.12758	01 42 28.62	+13 30 01.0	19.4	704	9780	1998 12	30.77391	09 00 14.23	+17 16 12.3		327
9704	1999 01	08.13820	01 42 29.10	+13 30 00.9	19.4	704	9780	1998 12	30.78646	09 00 13.78	+17 16 10.7		327
9704	1999 01	08.14960	01 42 29.67	+13 30 02.3	19.4	704	9780	1999 01	08.40667	08 54 04.78	+17 01 16.8	15.5 V	691
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9706	1999 01	09.08661	01 35 36.68	+09 53 48.3	19.6 V	691	9780	1999 01	08.45070	08 54 02.38	+17 01 13.0	15.4 V	691
9706	1999 01	09.10822	01 35 37.27	+09 53 51.5	19.3 V	691	9780	1999 01	09.94939	08 52 43.34	+16 59 13.7	16.4	120
9706	1999 01	09.12957	01 35 37.83	+09 53 55.5	19.5 V	691	9780	1999 01	09.97080	08 52 42.15	+16 59 12.3		120
9706	1999 01	19.11458	01 41 07.51	+10 26 24.2	19.8 V	691	9780	1999 01	10.01372	08 52 39.70	+16 59 09.3		120
9706	1999 01	19.13583	01 41 08.31	+10 26 29.0	19.5 V	691	9780	1999 01	17.32475	08 45 18.19	+16 51 44.3	15.4 V	691
9706	1999 01	19.15763	01 41 09.12	+10 26 33.9	19.4 V	691	9780	1999 01	17.34665	08 45 16.68	+16 51 43.3	15.2 V	691
9707	1999 01	10.12788	01 02 27.35	+09 01 59.0	18.6 R	699	9782	1999 01	06.18509	03 19 31.48	+20 18 47.6	17.7 R	699
9707	1999 01	10.15564	01 02 28.89	+09 02 15.0		699	9782	1999 01	06.21157	03 19 31.03	+20 18 50.5		699
9707	1999 01	10.18225	01 02 30.39	+09 02 29.6		699	9782	1999 01	06.23310	03 19 30.80	+20 18 50.8		699
9711	1999 01	10.12117	00 30 06.62	+10 50 26.6	17.3 R	699	9784	1999 01	08.07997	01 29 35.62	+10 40 29.1	18.8	704
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9729	1999 01	08.24968	04 32 14.07	+41 14 14.5	17.9	704	9787	1999 01	06.15242	02 25 10.14	+13 52 21.8		699
9729	1999 01	08.26401	04 32 13.77	+41 14 05.5	17.8	704	9787	1999 01	06.17282	02 25 10.51	+13 52 23.9		699
9729	1999 01	08.27839	04 32 13.15	+41 13 58.5	17.4	704	9790	1999 01	05.16378	04 07 30.90	+18 32 07.1	18.6 R	699
9729	1999 01	08.29272	04 32 12.74	+41 13 53.4	17.4	704	9790	1999 01	05.18544	04 07 30.46	+18 32 05.6		699
9729	1999 01	08.30397	04 32 12.64	+41 13 45.0	17.4	704	9790	1999 01	05.20583	04 07 30.09	+18 32 03.8		699
9730	1999 01	11.15110	08 26 20.95	+21 10 18.3	16.0 R	727	9791	1999 01	11.13754	02 38 18.44	+06 46 39.2	18.2	704
9730	1999 01	11.16674	08 26 20.01	+21 10 22.3	15.9 R	727	9791	1999 01	11.14816	02 38 18.75	+06 46 43.6	18.2	704
9730	1999 01	11.18237	08 26 19.09	+21 10 26.1	16.1 R	727	9791	1999 01	11.15870	02 38 19.04	+06 46 49.1	18.2	704
9732	1999 01	06.19051	08 00 50.74	+22 21 24.6	16.2 R	727	9791	1999 01	11.16919	02 38 19.26	+06 46 54.1	18.6	704
9732	1999 01	06.20618	08 00 49.58	+22 21 24.5	16.4 R	727	9791	1999 01	11.17967	02 38 19.25	+06 47 00.7	18.9	704
9732	1999 01	06.22184	08 00 48.40	+22 21 22.8	16.3 R	727	9794	1999 01	13.07777	02 08 18.52	+20 53 32.9	17.5	725
9732	1999 01	09.00718	07 57 25.97	+22 20 11.1	16.7 V	620	9794	1999 01	13.12419	02 08 20.39	+20 53 41.8	17.7	725
9732	1999 01	09.04398	07 57 23.15	+22 20 09.7	16.8 V	620	9794	1999 01	15.07043	02 09 44.59	+21 00 00.1	17.7	725
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9733	1999 01	11.15336	02 09 13.86	+09 46 44.4	18.8	704	9798	1999 01	07.28382	03 48 32.57	+13 53 41.6		699
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9739	1998 12	19.02770	01 58 28.71	+37 36 18.2		832	9799	1999 01	08.18985	03 26 00.27	+28 38 33.8	18.1	704
9739	1998 12	19.10446	01 58 31.08	+37 34 54.5		832	9799	1999 01	08.21323	03 26 00.11	+28 38 24.9	17.9	704
9739	1999 01	04.98984	02 13 02.17	+33 16 41.2		832	9799	1999 01	08.22492	03 25 59.87	+28 38 20.3	17.9	704
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9739	1999 01	08.14461	02 16 43.04	+32 37 20.7	16.8	704	9800	1999 01	09.79330	01 25 47.19	+05 27 57.8	19.7 V	910
9739	1999 01	08.15632	02 16 43.91	+32 37 11.7	16.8	704	9800	1999 01	09.81604	01 25 48.34	+05 28 06.6	19.8 V	910
9739	1999 01	08.16807	02 16 44.73	+32 37 03.4		704	9800	1999 01	13.75033	01 29 21.75	+05 55 05.7	19.0 V	910
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9739	1999 01	09.17163	02 17 58.34	+32 25 06.5		699	9801	1998 12	17.47605	01 28 31.86	+09 04 33.1		327
9740	1999 01	06.11928	01 59 30.90	+14 14 09.1	18.0 R	699	9801	1998 12	17.48844	01 28 32.27	+09 04 35.4		327
9740	1999 01	06.13966	01 59 31.99	+14 14 17.0		699	9801	1999 01	08.12989	01 46 31.00	+10 29 40.4	18.4	704
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9740	1999 01	08.14313	02 01 16.72	+14 27 39.9	17.9	704	9801	1999 01	08.16393	01 46 33.15	+10 29 50.2	18.6	704
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9745	1999 01	09.42544	02 21 13.94	+12 40 49.9		327	9801	1999 01	11.09561	01 49 36.99	+10 45 02.3	18.3	704
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9745	1999 01	09.46543	02 21 15.09	+12 40 56.0		327	9801	1999 01	14.09313	01 52 52.84	+11 01 15.1	18.3 V	691
9746	1999 01	11.24358	04 50 23.93	+21 16 49.7	17.9	704	9801	1999 01	14.12465	01 52 54.88	+11 01 25.9	18.4 V	691
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9746	1999 01	11.26486	04 50 23.40	+21 16 53.9	18.0	704	9807	1999 01	06.18256	03 32 55.08	+17 49 44.2	17.6 R	699
9746	1999 01	11.27549	04 50 22.79	+21 16 54.2	18.0	704	9807	1999 01	06.20833	03 32 54.78	+17 49 42.8		699
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9833	1999 01	09.95174	08 52 34.60	+16 23 41.6	18.0 120	9867	1999 01	06.10025	06 55 48.62	+24 42 00.0	716
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9842	1999 01	05.15178	06 49 22.78	+27 09 19.0	716	9897	1999 01	13.37108	08 21 19.22	+17 57 33.2	17.5 V 691
9842	1999 01	05.19392	06 49 19.68	+27 09 26.2	716	9897	1999 01	13.39313	08 21 17.72	+17 57 41.5	17.5 V 691
9842	1999 01	06.10521	06 48 14.20	+27 11 39.6	I 716	9897	1999 01	14.25640	08 20 20.71	+18 03 14.1	17.6 V 691
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9843	1999 01	10.09859	05 59 54.38	+19 00 36.4	16.3 R 747	9897	1999 01	18.37013	08 15 43.03	+18 29 47.9	17.4 704
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9845	1999 01	14.50826	11 07 42.07	+10 48 26.3	16.7 R 699	9898	1999 01	07.26791	04 29 01.05	+15 01 57.7	17.7 704
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9856	1998 11	27.31986	03 49 38.02	+04 32 44.4	20.5 R 696	9900	1999 01	07.26729	04 27 00.16	+17 24 27.7	16.9 704
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9859	1999 01	18.04632	10 37 23.47	+06 52 53.5	17.6 120	9902	1999 01	05.13398	06 52 55.41	+21 18 45.0	716
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9864	1999 01	15.79767	07 57 13.05	+19 23 25.0	18.2 120	9902	1999 01	06.11770	06 51 45.53	+21 16 33.9	716
9864	1999 01	15.85167	07 57 10.26	+19 23 32.0	120	9902	1999 01	07.26523	06 50 23.94	+21 14 04.0	684
9864	1999 01	17.79112	07 55 30.89	+19 27 37.7	18.0 120	9902	1999 01	07.26929	06 50 23.64	+21 14 03.4	684
9864	1999 01	17.81330	07 55 29.74	+19 27 42.5	120	9904	1999 01	05.80715	06 26 22.26	+11 24 27.6	17.2 V 104
9864	1999 01	22.80399	07 51 15.03	+19 38 06.1	18.5 120	9904	1999 01	05.81215	06 26 21.94	+11 24 29.4	104
9864	1999 01	22.82787	07 51 13.86	+19 38 09.6	120	9904	1999 01	05.81823	06 26 21.60	+11 24 31.3	104
9866	1999 01	09.01877	08 44 25.09	+17 36 22.9	620	9910	1999 01	06.76876	04 00 43.03	+19 01 47.1	18.2 120
9866	1999 01	09.04733	08 44 23.35	+17 36 32.8	620	9910	1999 01	06.78567	04 00 42.67	+19 01 47.9	120
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9866	1999 01	09.42517	08 44 01.04	+17 38 25.5	17.7 V 691	9910	1999 01	10.11424	03 59 49.29	+19 04 05.9	18.7 V 691
9866	1999 01	09.45120	08 43 59.46	+17 38 33.2	17.8 V 691	9910	1999 01	10.14706	03 59 48.80	+19 04 07.3	18.7 V 691
9866	1999 01	10.46369	08 42 59.29	+17 43 37.1	18.4 R 699	9910	1999 01	10.18075	03 59 48.31	+19 04 09.5	18.6 V 691
9866	1999 01	10.48411	08 42 58.07	+17 43 42.1	699	9910					

