

---

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

on the date of each full moon, by:

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

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

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

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

Brian G. Marsden, Director

Gareth V. Williams, Associate Director

---

### OBSERVATORY CODES

The following listing is a revision of that on *MPC* 22434-22439. The longitudes  $\lambda$  are measured in degrees eastward from Greenwich, and the parallax constants  $\rho \cos \phi'$  and  $\rho \sin \phi'$  are the product of the geocentric distance (in earth equatorial radii) and the cosine and sine, respectively, of the geocentric latitude. The Minor Planet Center would be pleased to learn of any errors in this list.

Obs.	$\lambda$	$\rho \cos \phi'$	$\rho \sin \phi'$						
000	0.0000	0.62411	+0.77873	Greenwich	033	11.7125	0.63089	+0.77334	Karl Schwarzschild Observatory, Tautenburg
001	0.15	0.629	+0.774	Crowborough	034	12.4523	0.74519	+0.66466	Monte Mario Observatory, Rome
002	0.62	0.622	+0.781	Rayleigh	035	12.5779	0.56501	+0.82232	Copenhagen
003	3.90	0.725	+0.687	Montpellier	036	12.6514	0.74726	+0.66241	Castel Gandolfo
004	1.4625	0.72520	+0.68627	Toulouse	037	13.7333	0.73660	+0.67416	Collurania Observatory, Teramo
005	2.2313	0.65989	+0.74887	Meudon	038	13.7704	0.70033	+0.71144	Trieste
006	2.1258	0.75107	+0.65811	Fabra Observatory, Barcelona	039	13.1874	0.56485	+0.82243	Lund
007	2.3371	0.65947	+0.74922	Paris	040	13.7298	0.63019	+0.77387	Lohrmann Institute, Dresden
008	3.0355	0.80172	+0.59578	Algiers-Bouzaréah	041	11.3808	0.67986	+0.73101	Innsbruck
009	7.4417	0.6838	+0.7272	Berne-Uecht	042	13.0661	0.61169	+0.78847	Potsdam
010	6.9267	0.72368	+0.68811	Caussols	043	11.5286	0.69770	+0.71422	Asiago Astrophysical Observatory, Padua
011	8.80	0.680	+0.732	Wetzikon	044	14.2559	0.75738	+0.65082	Capodimonte Observatory, Naples
012	4.3582	0.63333	+0.77131	Uccle	045	16.3390	0.66739	+0.74227	Vienna (since 1879)
013	4.4840	0.61481	+0.78604	Leiden	046	14.2881	0.65922	+0.74965	Kleť Observatory, České Budějovice
014	5.3940	0.72888	+0.68237	Marseilles	047	16.8782	0.61146	+0.78864	Poznań
015	5.1292	0.61576	+0.78529	Utrecht	048	15.83	0.640	+0.765	Hradec Kralove
016	5.9893	0.68006	+0.73076	Besançon	049	17.6067	0.5088	+0.8580	Uppsala-Kvistaberg
017	6.8496	0.64193	+0.76431	Hoher List	050	18.0582	0.51118	+0.85660	Stockholm (before 1931)
018	6.7612	0.62779	+0.77578	Düsseldorf-Bilk	051	18.4766	0.83055	-0.55508	Cape
019	6.9575	0.68331	+0.72779	Neuchâtel	052	18.3083	0.51224	+0.85597	Stockholm-Saltsjöbaden
020	7.3004	0.72391	+0.68767	Nice	053	18.9642	0.67688	+0.73373	Konkoly Observatory, Budapest (since 1934)
021	8.3855	0.65701	+0.75138	Karlsruhe	054	11.6654	0.56595	+0.82169	Brorfelde
022	7.7748	0.70790	+0.70409	Pino Torinese	055	19.9596	0.64321	+0.76316	Cracow
023	8.26	0.643	+0.762	Wiesbaden	056	20.2450	0.65501	+0.75346	Skalná Pleso
024	8.7216	0.65211	+0.75570	Heidelberg-Königstuhl	057	20.5133	0.71074	+0.70116	Belgrade
025	9.1975	0.66019	+0.74865	Stuttgart	058	20.4957	0.57895	+0.81263	Kaliningrad
026	7.4648	0.68489	+0.72640	Berne-Zimmerwald	059	20.2201	0.65500	+0.75364	Lomnický štít
027	9.1912	0.70254	+0.70929	Milan	060	21.4200	0.61572	+0.78535	Warsaw-Ostrowik
028	9.9363	0.64686	+0.76009	Würzburg	061	22.30	0.661	+0.746	Uzhgorod
029	10.2406	0.59640	+0.80000	Hamburg-Bergedorf	062	22.2293	0.49440	+0.86632	Turku
030	11.2554	0.72350	+0.68806	Arcetri Observatory, Florence	063	22.4450	0.49496	+0.86601	Turku-Tuorla
031	11.1925	0.63905	+0.76672	Sonneberg	064	22.75	0.495	+0.865	Turku-Kevola
032	11.5842	0.63161	+0.77272	Jena	065	12.63	0.673	+0.739	Traunstein
					066	23.7169	0.78932	+0.61195	Athens
					067	24.0297	0.64632	+0.76058	Lvov University Observatory
					068	24.0142	0.64627	+0.76062	Lvov Polytechnic Institute
					069	24.41	0.549	+0.833	Baldone, near Riga
					070	25.2865	0.57940	+0.81233	Vilnius (before 1939)
					071	24.72	0.748	+0.661	Smolyan
					072	7.17	0.629	+0.774	Scheuren Observatory
					073	26.0967	0.71549	+0.69630	Bucharest

074	26.4058	0.87518	-0.48263	Boyden Observatory, Bloemfontein	136	48.8156	0.56282	+0.82383	Engelhardt Observatory, Kasan
075	26.7216	0.52557	+0.84791	Tartu	168	59.50	0.546	+0.835	Kourovskaya
076	27.8768	0.90127	-0.43225	Johannesburg-Hartbeespoort	186	66.8821	0.77679	+0.62781	Kitab
077	28.0292	0.89819	-0.43876	Yale-Columbia Station, Johannesburg	188	66.88	0.781	+0.622	Shokin Majdanak
078	28.0750	0.89824	-0.43868	Johannesburg	190	68.68	0.783	+0.619	Gissar
079	28.2288	0.90120	-0.43251	Radcliffe Observatory, Pretoria	191	68.7811	0.78306	+0.62006	Dushanbe
080	28.9667	0.75566	+0.65278	Istanbul	192	69.2936	0.75213	+0.65692	Tashkent
081	27.8768	0.90127	-0.43225	Leiden Station, Johannesburg	193	69.22	0.786	+0.617	Sanglok
082	15.63	0.668	+0.741	St. Pölten	210	76.9573	0.73042	+0.68104	Alma-Ata
083	30.50	0.640	+0.767	Golosseevo-Kiev	217	77.88	0.729	+0.683	Assah
084	30.3274	0.50471	+0.86041	Pulkovo	218	78.4541	0.95444	+0.29768	Hyderabad
085	30.5023	0.63800	+0.76749	Kiev	219	78.7283	0.95618	+0.29216	Japal-Rangapur
086	30.7582	0.68987	+0.72152	Odessa	220	78.8263	0.97627	+0.21634	Vainu Bappu Observatory, Kavalur
087	31.3411	0.86799	+0.49495	Helwan	223	80.2464	0.97427	+0.22465	Madras
088	31.82	0.868	+0.500	Kottomia	236	84.9465	0.55370	+0.82995	Tomsk
089	31.9747	0.68359	+0.72743	Nikolaev	286	102.79	0.908	+0.420	Yunnan Observatory
090	8.25	0.645	+0.762	Mainz	292	285.1058	0.76630	+0.64033	Burlington, New Jersey
091	4.2090	0.70364	+0.70827	St. Étienne	293	285.5899	0.76936	+0.63668	Burlington remote site
092	18.5546	0.60177	+0.79601	Torun-Piwnice	295	283.0000	0.7789	+0.6251	Catholic University Observatory, Washington
093	20.3647	0.3537	+0.9322	Skibotn	296	286.2515	0.7365	+0.6742	Dudley Observatory (after 1893)
094	33.9974	0.71565	+0.69620	Crimea-Simeis	297	286.83	0.720	+0.692	Middlebury
095	34.02	0.711	+0.701	Crimea-Nauchnij	298	287.3408	0.74943	+0.65988	Van Vleck Observatory
096	9.4283	0.69967	+0.71215	Merate	299	107.6160	0.99316	-0.11808	Bosscha Observatory, Lembang
097	34.7625	0.86165	+0.50608	Wise Observatory, Mitzpeh Ramon	301	288.8467	0.70279	+0.70926	Mont Megantic
098	11.5694	0.69774	+0.71395	Asiago Observatory, Cima Ekar	302	288.88	0.990	+0.150	University of the Andes station
099	25.53	0.483	+0.873	Lahti	303	289.1329	0.98889	+0.15190	Mérida
100	24.13	0.462	+0.884	Ahtari	304	289.2980	0.87559	-0.48217	Las Campanas Observatory
101	36.2322	0.64403	+0.76246	Kharkov	305	109.53	0.950	+0.310	Purple Mountain, Hainan Island station
102	36.59	0.565	+0.823	Zvenigorod	312	112.33	0.957	+0.288	Tsingtao field station, Xisha Islands
103	14.47	0.694	+0.715	Ljubljana	323	116.1350	0.84882	-0.52703	Perth Observatory, Bickley
104	10.8042	0.71985	+0.69202	San Marcello Pistoiese	324	116.3277	0.76598	+0.64072	Peking Observatory, Shaho Station
105	37.5706	0.56403	+0.82302	Moscow	327	117.5750	0.76278	+0.64470	Peking Observatory, Xinglong Station
106	14.0736	0.69661	+0.71520	Črni crh	330	118.8209	0.84828	+0.52788	Purple Mountain Observatory, Nanking
107	11.0030	0.70998	+0.70186	Cavezzo	334	120.3196	0.80925	+0.58552	Tsingtao
108	11.0278	0.72367	+0.68784	Montelupo	337	121.1865	0.85708	+0.51349	Zô-Sé
109	3.0705	0.80241	+0.59481	Algiers-Kouba	357	140.0064	0.80807	+0.58712	Shimotsuma
110	39.15	0.544	+0.835	Rostov	358	140.1586	0.78856	+0.61296	Nanyou
111	10.9721	0.72439	+0.68710	Piazzano Observatory, Florence	359	135.1719	0.82782	+0.55912	Wakayama
112	10.9039	0.70232	+0.70950	Pleiade Observatory, Verona	360	132.9442	0.83314	+0.55138	Kuma Kogen
113	13.0166	0.63502	+0.77001	Volkssternwarte Drebach, Schoenbrunn	361	134.8956	0.82652	+0.56102	Sumoto
114	41.4416	0.72492	+0.68699	Engelhardt Observatory, Zelenchukskaya Station	362	140.6550	0.73673	+0.67398	Ray Observatory
115	41.4417	0.72492	+0.68700	Zelenchukskaya	363	130.7703	0.83416	+0.54967	Yamada
116	11.5958	0.66893	+0.74094	Giesing	364	130.5747	0.85213	+0.52164	YCPM Kagoshima Station
117	11.5369	0.66898	+0.74092	Sendling	365	135.9579	0.82597	+0.56196	Uto Observatory
118	17.2740	0.66558	+0.74394	Astronomical and Geophysical Observatory, Modra	366	138.3003	0.81147	+0.58267	Miyasaka Observatory
119	42.8253	0.74729	+0.66264	Abastuman	367	133.1670	0.81504	+0.57747	Yatsuka
120	13.7261	0.70489	+0.70699	Višnjan	368	138.8117	0.81213	+0.58191	Ochiai
123	44.2917	0.76352	+0.64398	Byurakan	369	139.1500	0.8101	+0.5844	Chichibu
125	44.90	0.739	+0.671	Tbilisi	370	133.5273	0.83424	+0.54956	Kochi
128	46.10	0.626	+0.779	Saratov	371	133.5965	0.82433	+0.56431	Tokyo-Okayama
129	45.88	0.776	+0.629	Ordubad	372	133.8276	0.83450	+0.54920	Geisei
135	49.1210	0.56353	+0.82334	Kasan	373	135.3397	0.82866	+0.55797	Oishi

374	134.7196	0.81915	+0.57174	Minami-Oda Observatory	475	7.6965	0.70747	+0.70443	Turin (before 1913)
375	134.8708	0.8206	+0.5697	Uzurano	476	7.1414	0.70659	+0.70535	Grange Observatory, Bussoleno
376	139.0392	0.81321	+0.58022	Uenohara	477	0.4856	0.62103	+0.78117	Galleywood
377	135.7933	0.82014	+0.57031	Kwasan Observatory, Kyoto	478	3.0896	0.72548	+0.68597	Lamalou-les-Bains
378	136.0142	0.82437	+0.56426	Murou	479	6.0505	0.73020	+0.68096	Sollies-Pont
379	137.7708	0.8228	+0.5664	Hamamatsu	480	0.77	0.615	+0.786	Cockfield
380	137.0349	0.82190	+0.56772	Ishiki	481	7.93	0.596	+0.800	Moorwarfen
381	137.6283	0.81220	+0.58173	Tokyo-Kiso	482	357.1854	0.55560	+0.82866	St. Andrews
382	137.5553	0.80915	+0.58639	Tokyo-Norikura	483	173.80	0.748	-0.661	Carter Observatory, Black Birch Station
383	137.8959	0.80218	+0.59526	Chiorin	484	174.75	0.753	-0.657	Happy Valley, Wellington
384	138.1792	0.8219	+0.5678	Shimada	485	174.7654	0.75256	-0.65635	Carter Observatory, Wellington
385	138.4680	0.82039	+0.56997	Nihondaira Observatory	486	175.47	0.765	-0.643	Palmerston North
386	138.3217	0.81121	+0.58309	Yatsugatake-Kobuchizawa	487	355.45	0.568	+0.821	Macnairston Observatory
387	139.1944	0.81000	+0.58469	Tokyo-Dodaira	488	358.37	0.575	+0.816	Newcastle-upon-Tyne
388	139.5421	0.81330	+0.57991	Tokyo-Mitaka	489	359.87	0.612	+0.788	Hemingford Abbots
389	139.7447	0.81347	+0.57965	Tokyo (before 1938)	490	358.00	0.633	+0.772	Wimborne Minster
390	139.8725	0.80425	+0.59234	Utsunomiya	491	356.9000	0.76131	+0.64644	Centro Astronómico de Yebes
391	140.7824	0.78621	+0.61592	Sendai Observatory, Ayashi Station	492	358.47	0.605	+0.795	Mickleover
392	141.3667	0.73355	+0.67741	JCPM Sapporo Station	493	357.4637	0.79747	+0.60190	Estacion Astronómica de Calar Alto
393	140.1292	0.8090	+0.5858	JCPM Sakura Station	494	357.8361	0.61126	+0.78879	Stakenbridge
394	142.3208	0.70692	+0.70493	JCPM Hamatonbetsu Station	495	357.66	0.598	+0.800	Altrincham
395	142.3583	0.7224	+0.6891	Tokyo-Asahikawa	496	358.69	0.631	+0.774	Bishopstoke
396	142.4208	0.7236	+0.6879	Asahikawa	497	359.30	0.626	+0.776	Ascot-Loudwater
397	141.4761	0.73210	+0.67892	Sapporo Science Center	498	359.26	0.612	+0.788	Northampton
398	139.1080	0.80870	+0.58630	Nagatoro	499	359.79	0.626	+0.776	Cheam
399	144.5900	0.73158	+0.67950	Kushiro	500	0.0000	0.00000	0.00000	Geocentric
400	143.7827	0.72344	+0.68811	Kitami	501	0.3475	0.63237	+0.77208	Herstmonceux
401	139.4208	0.8088	+0.5861	Oosato	502	0.85	0.617	+0.783	Colchester
402	136.3078	0.81800	+0.57335	Dynic Astronomical Observatory	503	0.0948	0.61400	+0.78667	Cambridge
403	137.0556	0.81593	+0.57625	Kani	504	4.44	0.685	+0.725	Le Creusot
404	140.9292	0.7909	+0.6099	Yamamoto	505	4.56	0.622	+0.781	Simon Stevin
405	139.3292	0.8069	+0.5887	Kamihoriguchi	506	9.96	0.598	+0.797	Bendestorf
406	141.8233	0.72946	+0.68174	Bibai	507	5.22	0.617	+0.783	Nyenheim
407	140.3099	0.78426	+0.61837	Kahoku	508	5.29	0.617	+0.783	Zeist
408	138.1747	0.81121	+0.58328	Nyukasa	509	5.87	0.732	+0.680	La Seyne sur Mer
409	139.3680	0.81236	+0.58124	Kiyose and Mizuho	510	8.03	0.631	+0.772	Siegen
410	134.8910	0.81883	+0.57222	Sengamine	511	5.71	0.722	+0.690	Haute Provence
411	139.4170	0.80739	+0.58805	Oizumi	512	4.49	0.615	+0.786	Leiden (before 1860)
412	140.5991	0.80011	+0.59803	Iwaki	513	4.7855	0.69971	+0.71209	Lyons
413	149.0661	0.85560	-0.51626	Siding Spring Observatory	514	8.43	0.652	+0.755	Mundenheim (1907-1913)
414	149.0077	0.81694	-0.57499	Mount Stromlo	515	7.48	0.650	+0.758	Volkssternwarte Dhaun, near Kirn
415	149.0624	0.81613	-0.57608	Kambah, near Canberra	516	9.9733	0.59539	+0.80075	Hamburg (before 1909)
416	149.13	0.816	-0.575	Barton, near Canberra	517	6.1525	0.69340	+0.71823	Geneva
417	137.1371	0.79611	+0.60317	Yanagida Astronomical Observatory	518	9.9727	0.59545	+0.80071	Marine Observatory, Hamburg
418	150.94	0.858	-0.511	Tamworth	519	8.29	0.626	+0.776	Meschede
419	150.8329	0.83370	-0.55038	Windsor	520	7.0966	0.63427	+0.77053	Bonn
420	151.2050	0.83126	-0.55404	Sydney	521	10.8899	0.64562	+0.76116	Bamberg
421	133.7650	0.83244	+0.55262	Mt. Kajigamori, Otoyō	522	7.7677	0.66279	+0.74633	Strasbourg
422	151.0461	0.85503	-0.51709	Loomberah	523	8.65	0.643	+0.765	Frankfurt
423	151.1236	0.83179	-0.55324	North Ryde	524	8.4605	0.6509	+0.7566	Mannheim
425	152.93	0.896	-0.443	Taylor Range Observatory, Brisbane	525	8.7708	0.6331	+0.7715	Marburg
474	170.4650	0.72077	-0.69108	Mount John Observatory, Lake Tekapo	526	10.1477	0.58426	+0.80886	Kiel

527	9.9431	0.5955	+0.8007	Altona	579	8.85	0.711	+0.701	Novi Ligure
528	9.9426	0.62340	+0.77931	Göttingen	580	15.50	0.683	+0.729	Graz
529	10.7229	0.50259	+0.86163	Christiania	581	22.80	0.830	-0.556	Sedgefield
530	10.6898	0.5911	+0.8039	Lübeck	582	1.22	0.617	+0.783	Orwell Park
531	12.4797	0.74545	+0.66434	Collegio Romano, Rome	583	30.27	0.692	+0.720	Odessa-Mayaki
532	11.6084	0.66853	+0.74130	Munich	584	30.2946	0.50213	+0.86189	Leningrad
533	11.8715	0.70335	+0.70847	Padua	585	30.53	0.638	+0.767	Kiev comet station
534	12.3913	0.62606	+0.77719	Leipzig (since 1861)	586	0.1423	0.73358	+0.67799	Pic du Midi
535	13.3578	0.78782	+0.61386	Palermo	587	9.2302	0.69744	+0.71448	Sormano
536	13.1062	0.61135	+0.78873	Berlin-Babelsberg	588	11.25	0.715	+0.697	Eremo di Tizzano
537	13.3642	0.6097	+0.7900	Urania Observatory, Berlin	589	12.64	0.739	+0.673	Santa Lucia Stroncone
538	13.8461	0.70998	+0.70187	Pola	590	7.46	0.678	+0.734	Metzerlen
539	14.1316	0.66968	+0.74024	Kremsmünster	591	9.6258	0.6099	+0.7898	Resse Observatory
540	14.2753	0.66470	+0.74477	Linz	592	7.01	0.629	+0.774	Sohlingen
541	14.3953	0.64306	+0.76331	Prague	593	11.17	0.739	+0.671	Monte Argentario
542	13.04	0.607	+0.790	Falkensee	594	13.2033	0.74497	+0.66529	Monte Autore
543	11.66	0.565	+0.821	Leipzig (before 1861)	595	13.53	0.697	+0.715	Farra d'Isonzo
544	13.4250	0.61040	+0.78945	Wilhelm Foerster Observatory, Berlin	596	12.6183	0.74446	+0.66545	Colleverde di Guidonia
545	16.3817	0.66767	+0.74200	Vienna (before 1879)	597	9.6630	0.6146	+0.7862	Springe
546	16.3549	0.66760	+0.74207	Oppolzer Observatory, Vienna	598	11.3333	0.71748	+0.69442	Loiano
547	17.0363	0.62904	+0.77479	Breslau	599	13.561	0.7392	+0.6713	Astronomical Observatory, Campo Imperatore
548	13.3950	0.60999	+0.78976	Berlin (1835-1913)	600	11.4708	0.71618	+0.69564	TLC Observatory, Bologna
549	17.6257	0.50341	+0.86116	Uppsala	601	13.7275	0.63009	+0.77395	Engelhardt Observatory, Dresden
550	11.4196	0.5943	+0.8015	Schwerin	602	16.3854	0.66764	+0.74203	Urania Observatory, Vienna
551	18.1895	0.67201	+0.73808	Hurbanovo, formerly O'Gyalla	603	10.1300	0.58622	+0.80745	Bothkamp
552	11.3418	0.71485	+0.69700	Osservatorio S. Vittore, Bologna	604	13.4777	0.59631	+0.80007	Archenhold Sternwarte, Berlin-Treptow
553	18.9938	0.64002	+0.76574	Chorzów	605	7.1130	0.62142	+0.78086	Marl
554	8.40	0.638	+0.769	Burgsolms Observatory, Wetzlar	606	9.9956	0.59353	+0.80212	Norderstedt
555	19.83	0.643	+0.762	Cracow-Fort Skala	607	8.0000	0.6277	+0.7760	Hagen Observatory, Ronkhausen
556	11.26	0.675	+0.734	Reintal, near Munich	608	203.7420	0.93623	+0.35156	Haleakala-AMOS
557	14.7837	0.64530	+0.76148	Ondřejov	609	12.8533	0.73772	+0.67314	Osservatorio Polino
558	21.0303	0.61396	+0.78672	Warsaw	655	236.383	0.6656	+0.7438	Sooke
559	14.98	0.793	+0.607	Serra La Nave	656	236.3921	0.66580	+0.74367	Victoria
560	10.93	0.704	+0.708	Madonna di Dossobuono	657	236.6917	0.66435	+0.74493	Climenhaga Observatory, Victoria
561	20.02	0.671	+0.739	Piszkéstető	658	236.5830	0.66363	+0.74560	Dominion Astrophysical Observatory, Victoria
562	15.92	0.668	+0.741	Figl Observatory, Vienna	660	237.7379	0.79038	+0.61059	Leuschner Observatory, Berkeley
563	13.60	0.671	+0.739	Seewalchen	662	238.3545	0.79619	+0.60335	Lick Observatory, Mount Hamilton
564	11.19	0.671	+0.741	Herrsching	664	239.2775	0.6840	+0.7273	Manastash Ridge Observatory
565	10.14	0.704	+0.708	Brescia	666	241.1692	0.8270	+0.5604	Moorpark College Observatory
566	203.7424	0.93623	+0.35156	Haleakala-GEODDS	667	240.0092	0.68448	+0.72663	Wanapum Dam
567	12.71	0.699	+0.715	Chions	668	240.82	0.821	+0.568	San Emigdio Peak
568	204.5278	0.94171	+0.33725	Mauna Kea	669	240.82	0.826	+0.563	Ojai
569	24.9587	0.49891	+0.86375	Helsinki	670	240.9558	0.82775	+0.55922	Camarillo
570	25.2990	0.5794	+0.8123	Vilnius (since 1939)	671	242.00	0.828	+0.561	Stony Ridge
571	10.63	0.704	+0.708	Cavriana	672	241.9403	0.82802	+0.55930	Mount Wilson
572	6.89	0.631	+0.772	Cologne	673	242.3191	0.82647	+0.56172	Table Mountain Observatory, Wrightwood
573	9.6612	0.6145	+0.7862	Eldagsen	674	242.39	0.826	+0.563	Ford Observatory, Wrightwood
574	10.27	0.704	+0.708	Gottolengo	675	243.1360	0.83634	+0.54686	Palomar Mountain
575	6.808	0.68219	+0.72894	La Chaux de Fonds	679	244.5367	0.85792	+0.51292	San Pedro Martir
576	0.38	0.631	+0.774	Burwash	680	244.78	0.833	+0.554	Los Angeles
577	7.50	0.678	+0.734	Metzerlen Observatory	684	247.5100	0.82512	+0.56356	Prescott
578	27.99	0.898	-0.439	Linden Observatory	685	247.84	0.816	+0.575	Williams, AZ

686	249.2092	0.84512	+0.53359	U. of Minn. Infrared Obs., Mt. Lemmon	785	285.3433	0.76319	+0.64402	Princeton
687	248.3473	0.81848	+0.57318	Northern Arizona University, Flagstaff	786	282.9345	0.77906	+0.62487	U.S. Naval Obs., Washington (since 1893)
688	248.4645	0.81938	+0.57193	Lowell Observatory, Mesa Station	787	282.9494	0.77934	+0.62451	U.S. Naval Obs., Washington (before 1893)
689	248.2601	0.81851	+0.57319	U.S. Naval Observatory, Flagstaff	788	284.3667	0.76953	+0.63650	Mount Cuba Observatory, Wilmington
690	248.3367	0.81832	+0.57344	Lowell Observatory, Flagstaff	789	284.5940	0.73188	+0.67922	Litchfield Observatory, Clinton
691	248.4006	0.84946	+0.52649	Steward Observatory, Kitt Peak	790	284.2835	0.70343	+0.70840	Dominion Observatory, Ottawa
692	249.0513	0.84679	+0.53036	Steward Observatory, Tucson	791	284.5236	0.76713	+0.63937	Flower and Cook Observatory, Philadelphia
693	249.2680	0.84532	+0.53321	Catalina Station, Tucson	792	288.30	0.753	+0.657	U. of Rhode Island, Quonochontaug
694	248.9943	0.84700	+0.53009	Tumamoc Hill, Tucson	793	286.2200	0.73660	+0.67407	Dudley Observatory, Albany (before 1893)
695	248.4053	0.84950	+0.52643	Kitt Peak	794	278.90	0.748	+0.661	Vassar College Observatory, Poughkeepsie
696	249.1154	0.85205	+0.52249	Whipple Observatory, Mt. Hopkins	795	286.0123	0.7589	+0.6491	Rutherford
697	248.3842	0.84956	+0.52629	Kitt Peak, McGraw-Hill	796	286.45	0.755	+0.654	Stamford
698	249.28	0.844	+0.532	Mt. Bigelow	797	287.0751	0.75218	+0.65676	Yale Observatory, New Haven
702	252.8117	0.8305	+0.5561	Joint Obs. for cometary research, Socorro	798	287.0154	0.75093	+0.65822	Yale Observatory, Bethany
704	253.34	0.833	+0.554	Lincoln Laboratory ETS, New Mexico	799	288.8650	0.73896	+0.67150	Winchester
707	254.56	0.774	+0.633	Chamberlin field station	800	288.4511	0.96006	-0.28021	Harvard Observatory, Arequipa
708	255.0475	0.77092	+0.63520	Chamberlin Observatory, Denver	801	288.4408	0.73838	+0.67216	Oak Ridge Observatory
709	254.2288	0.84025	+0.54110	W & B Observatory, Cloudcroft	802	288.8706	0.73982	+0.67055	Harvard Observatory, Cambridge
711	255.9785	0.86114	+0.50731	McDonald Observatory, Fort Davis	803	288.9167	0.74543	+0.66436	Taunton
724	260.8053	0.94388	+0.33026	National Observatory, Tacubaya	804	289.3121	0.83421	-0.54976	Santiago-San Bernardo
728	262.6084	0.88610	+0.46194	Corpus Christi	805	288.97	0.840	-0.542	Santiago-Cerro El Roble
729	262.8792	0.64880	+0.75845	Glenlea Astronomical Observatory, Winnipeg	806	289.4513	0.83584	-0.54738	Santiago-Cerro Calán
741	266.8503	0.71493	+0.69692	Goodsell Observatory, Northfield	807	289.1941	0.86560	-0.49980	Cerro Tololo Observatory, La Serena
742	266.3138	0.74900	+0.66041	Drake University, Des Moines	808	290.67	0.851	-0.523	El Leoncito
743	266.7633	0.70857	+0.70328	University of Minnesota, Minneapolis	809	289.2704	0.87346	-0.48603	European Southern Observatory, La Silla
748	268.4680	0.75014	+0.65912	Van Allen Observatory, Iowa City	810	288.5154	0.73712	+0.67352	Wallace Observatory, Westford
750	268.7282	0.71059	+0.70131	Hobbs Observatory, Fall Creek	811	289.8952	0.75259	+0.65629	Maria Mitchell Observatory, Nantucket
753	270.5921	0.73161	+0.67950	Washburn Observatory, Madison	812	288.42	0.840	-0.542	Viña del Mar
754	271.4432	0.73762	+0.67303	Yerkes Observatory, Williams Bay	813	289.3083	0.83533	-0.54805	Santiago-Quinta Normal (1862-1920)
756	272.3257	0.74361	+0.66641	Dearborn Observatory, Evanston	814	288.42	0.746	+0.664	North Scituate
759	273.1947	0.80946	+0.58530	Nashville	815	289.3479	0.83539	-0.54799	Santiago-Santa Lucia (1849-1861)
760	273.6048	0.77216	+0.63337	Goethe Link Observatory, Brooklyn	816	285.7583	0.71645	+0.69542	Rand Observatory
765	275.5775	0.77669	+0.62784	Cincinnati	817	288.6104	0.74018	+0.67017	Sudbury
766	275.5167	0.73600	+0.67477	Michigan State University Obs., East Lansing	818	286.4167	0.7040	+0.7079	Gemeaux Observatory, Laval
767	276.2697	0.74102	+0.66930	Ann Arbor	819	284.3850	0.69720	+0.71451	Val-des-Bois
768	277.08	0.734	+0.675	Dearborn	820	295.37	0.931	-0.366	Tarija
769	276.9892	0.76716	+0.63936	McMillin Observatory, Columbus	821	295.4533	0.85270	-0.52103	Córdoba-Bosque Alegre
770	274.0786	0.77573	+0.62900	Crescent Moon Observatory, Columbus	822	295.8035	0.85419	-0.51834	Córdoba
771	277.57	0.922	+0.389	Boyerros Observatory, Havana	833	301.4633	0.82373	-0.56508	Obs. Astronómico de Mercedes, Buenos Aires
772	284.0865	0.70517	+0.70669	Boltwood Observatory, Stittsville	839	302.0678	0.82097	-0.56906	La Plata
773	278.4318	0.74966	+0.65966	Warner and Swasey Observatory, Cleveland	862	138.5262	0.80861	+0.58658	Saku
774	278.9250	0.74905	+0.66039	Warner and Swasey Nassau Station, Chardon	863	137.18	0.807	+0.588	Furukawa
775	284.6168	0.76029	+0.64743	Sayre Observatory, South Bethlehem	864	130.7533	0.84257	+0.53680	Kumamoto
776	284.4669	0.73472	+0.67619	Foggy Bottom, Hamilton	868	135.1359	0.83066	+0.55492	Hidaka Observatory
777	280.6017	0.72454	+0.68695	Toronto	869	133.4298	0.83480	+0.54870	Tosa
778	279.9778	0.76172	+0.64582	Allegheny Observatory, Pittsburgh	870	313.17	0.934	-0.359	Campiñas
779	280.5779	0.72219	+0.68943	David Dunlap Observatory, Richmond Hill	871	134.3925	0.82256	+0.56678	Akou
780	281.4778	0.78868	+0.61280	Leander McCormick Observatory, Charlottesville	872	134.2411	0.82904	+0.55734	Tokushima
781	281.5075	1.00045	-0.00405	Quito	873	133.7708	0.8235	+0.5654	Kurashiki Observatory
782	281.65	0.999	+0.000	Quito, comet astrograph station	874	314.42	0.924	-0.380	Itajuba
783	282.02	0.783	+0.622	Rixeyville	875	139.2353	0.80896	+0.58593	Yorii
784	282.2207	0.7413	+0.6689	Alfred University Observatory	876	139.2467	0.80762	+0.58774	Honjo

877	139.0828	0.81194	+0.58196	Okutama
878	136.9142	0.82019	+0.57019	Kagiya
879	137.3535	0.81970	+0.57099	Tokai
880	316.7771	0.92169	-0.38664	Rio de Janeiro
881	137.2571	0.81872	+0.57230	Toyota
882	137.3558	0.81842	+0.57281	JCPM Oi Station
883	138.4215	0.81986	+0.57065	Shizuoka
884	138.0792	0.8187	+0.5724	Kawane
885	138.4667	0.82049	+0.56975	JCPM Yakiimo Station
886	138.9367	0.81836	+0.57280	Mishima
887	139.3367	0.80745	+0.58798	Ojima
888	138.9952	0.81885	+0.57217	Gekko
889	140.1427	0.80322	+0.59372	Karasuyama
890	140.2500	0.8108	+0.5834	JCPM Tone Station
891	140.8633	0.78606	+0.61609	JCPM Kimachi Station
892	139.4753	0.80852	+0.58650	YGCO Hoshikawa and Nagano Stations
893	140.8657	0.78626	+0.61583	Sendai Municipal Observatory
894	138.4476	0.81113	+0.58321	Kiyosato
895	140.7203	0.78573	+0.61658	Hatamae
896	138.3678	0.81132	+0.58292	Yatsugatake South Base Observatory
897	139.4929	0.80797	+0.58725	YGCO Chiyoda Station
898	138.1883	0.82107	+0.56899	Fujieda
899	142.5500	0.7224	+0.6891	Toma
900	135.9865	0.82039	+0.56995	Ohtsu
901	137.0877	0.81664	+0.57525	Tajimi
902	132.2208	0.82775	+0.55922	Ootake
903	134.6610	0.81507	+0.57752	Kannabe Observatory, Albireo Station
904	135.12	0.824	+0.565	Go-Chome and Kobe-Suma
905	135.9246	0.83368	+0.55040	Nachi-Katsuura Observatory
906	145.667	0.8113	-0.5837	Cobram
907	144.9758	0.79082	-0.61001	Melbourne
950	342.1176	0.87764	+0.47847	La Palma
966	357.2058	0.60960	+0.79009	Church Stretton
967	358.9778	0.61508	+0.78585	Greens Norton
968	0.4250	0.6158	+0.7853	Haverhill
969	359.8454	0.6235	+0.7792	London-Regents Park
970	0.4954	0.62045	+0.78162	Chelmsford
971	350.8140	0.78134	+0.62204	Lisbon
972	357.5833	0.54359	+0.83656	Dun Echt
973	359.67	0.622	+0.779	Harrow
974	8.9220	0.71542	+0.69637	Genoa
975	359.6333	0.77292	+0.63239	Valencia
976	358.48	0.612	+0.788	Leamington Spa
977	351.5483	0.58660	+0.80717	Markree
978	357.2454	0.58868	+0.80567	Conder Brow
979	358.75	0.629	+0.774	South Wonston
980	357.2200	0.58864	+0.80570	Lancaster
981	353.3522	0.58409	+0.80898	Armagh
982	353.6621	0.59771	+0.79904	Dunsink Observatory, Dublin
983	353.7946	0.80521	+0.59101	San Fernando
984	357.26	0.631	+0.774	Eastfield
985	357.53	0.607	+0.790	Telford

986	358.75	0.624	+0.779	Ascot
987	355.37	0.586	+0.807	Archallagan Observatory
988	355.7060	0.56225	+0.82421	Glasgow
989	357.69	0.600	+0.797	Wilfred Hall Observatory, Preston
990	356.3121	0.76260	+0.64487	Madrid
991	356.9278	0.59750	+0.79919	Liverpool (since 1867)
992	356.9995	0.5973	+0.7993	Liverpool (before 1867)
993	357.50	0.631	+0.774	Woolston Observatory
994	359.39	0.629	+0.776	Godalming
995	358.4177	0.57819	+0.81319	Durham
996	358.7483	0.62025	+0.78179	Oxford
997	359.15	0.619	+0.783	Hartwell
998	359.7593	0.62226	+0.78020	London-Mill Hill
999	359.4725	0.71033	+0.70153	Bordeaux-Floirac

## NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 25551. The longitudes  $\lambda$  are measured in degrees eastward from Greenwich, and the parallax constants  $\rho \cos \phi'$  and  $\rho \sin \phi'$  are the product of the geocentric distance (in earth equatorial radii) and the cosine and sine, respectively, of the geocentric latitude.

Obs.	$\lambda$	$\rho \cos \phi'$	$\rho \sin \phi'$	
355	139.2133	0.81618	+0.57590	Hadano
356	141.0867	0.78319	+0.61970	Kogota
730	262.9156	0.67148	+0.73860	University of North Dakota, Grand Forks
834	301.5654	0.82398	-0.56473	Buenos Aires-AAAA
965	351.4008	0.79761	+0.60118	Observação Astronomica no Algarve, Portimão

## CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	$\alpha_{2000}$	$\delta_{2000}$	Reference	Mag.	N Obs.
1982 OV	1982 07 17.37141		15 09 40.26	-12 29 24.4	<i>MPC</i> 13123	17	1 413
1982 OV	* 1982 07 17.41308		15 09 41.24	-12 29 21.7	<i>MPC</i> 13123		1 413
1982 OW	1982 07 17.37141		15 10 39.93	-11 50 06.4	<i>MPC</i> 13123	17	A 413
1982 OW	* 1982 07 17.41308		15 10 40.77	-11 50 20.2	<i>MPC</i> 13124		A 413
1989 SK	1993 10 08.62957		01 42 26.65	+20 50 01.0	<i>MPC</i> 22628		B 410
(1)	1965 11 04.77094		23 41 40.61	-16 42 30.7	<i>MPC</i> 2957		1 073
(1)	1965 11 04.78410		23 41 40.42	-16 42 27.7	<i>MPC</i> 2957		1 073
(1)	1970 10 31.81489		02 06 32.60	-00 06 06.8	<i>MPC</i> 3390		1 073
(1)	1970 10 31.82181		02 06 32.26	-00 06 07.4	<i>MPC</i> 3390		1 073
(1)	1972 03 08.74410		09 09 28.89	+31 16 31.1	<i>MPC</i> 5138		1 073
(1)	1972 03 08.75379		09 09 28.56	+31 16 30.6	<i>MPC</i> 5138		1 073
(1)	1972 03 10.87438		09 08 28.71	+31 15 54.3	<i>MPC</i> 4718		1 999
(1)	1972 03 10.88823		09 08 28.32	+31 15 54.0	<i>MPC</i> 4717		1 999
(1)	1972 04 07.74273		09 07 47.57	+29 52 57.4	<i>MPC</i> 5139		1 073
(1)	1972 04 07.75013		09 07 47.74	+29 52 55.0	<i>MPC</i> 5139		1 073
(1)	1973 05 11.90415		16 58 31.73	-18 39 36.6	<i>MPC</i> 5139		1 073
(1)	1973 05 11.91384		16 58 31.32	-18 39 37.3	<i>MPC</i> 5139		1 073
(1)	1973 05 26.90852		16 45 26.77	-19 04 53.2	<i>MPC</i> 5139		1 073
(1)	1973 05 26.91263		16 45 26.49	-19 04 53.5	<i>MPC</i> 5139		1 073

(1)	1973 06 20.82290	16 22 34.67	-19 50 26.8	MPC 5139	1 073	(4)	1972 11 30.94445	04 33 35.89	+15 11 56.6	MPC 3596	4 990
(1)	1973 06 20.83121	16 22 34.22	-19 50 27.6	MPC 5139	1 073	(6)	1940 03 02.95103	08 53 05.69	+18 36 29.8	RI 2095	3 012
(1)	1973 06 28.82771	16 16 57.12	-20 07 09.2	MPC 5139	1 073	(6)	1940 03 02.96211	08 53 05.31	+18 36 34.6	RI 2095	3 012
(1)	1973 06 28.83325	16 16 56.92	-20 07 10.0	MPC 5139	1 073	(6)	1967 04 08.16171	12 32 54.57	+14 31 01.2	MPC 3318	1 804
(2)	1964 08 29.74407	16 08 56.36	+14 39 21.6	MPC 2957	1 073	(6)	1967 04 08.18242	12 32 53.51	+14 31 09.0	MPC 3318	1 804
(2)	1964 08 29.75238	16 08 56.73	+14 39 15.9	MPC 2957	1 073	(6)	1967 06 03.02538	12 13 44.24	+14 39 15.6	MPC 3318	1 804
(2)	1965 07 06.36403	20 53 06.81	+17 36 28.0	MPC 2926	1 806	(6)	1967 06 03.04614	12 13 44.52	+14 39 09.2	MPC 3318	1 804
(2)	1965 07 06.38480	20 53 06.10	+17 36 26.8	MPC 2926	1 806	(6)	1967 06 23.99573	12 22 44.60	+12 34 06.2	MPC 3318	1 804
(3)	1964 06 08.95778	15 40 21.84	-02 08 25.7	MPC 2647	1 999	(6)	1967 06 24.01649	12 22 45.32	+12 33 57.6	MPC 3318	1 804
(3)	1964 06 08.96333	15 40 21.62	-02 08 25.6	MPC 2647	1 999	(6)	1971 06 14.01892	13 20 35.09	+10 26 08.4	MPC 3303	1 822
(3)	1965 06 22.91635	20 59 12.16	-02 38 31.4	MPC 2959	2 073	(6)	1971 06 14.02654	13 20 35.10	+10 26 05.7	MPC 3303	1 822
(3)	1965 06 22.92778	20 59 11.97	-02 38 30.9	MPC 2959	2 073	(6)	1972 08 30.77020	20 33 18.11	-19 26 06.3	MPC 5144	1 073
(3)	1965 08 17.81786	20 20 14.42	-06 36 58.6	MPC 2959	3 073	(6)	1972 08 30.77712	20 33 17.92	-19 26 11.0	MPC 5144	1 073
(3)	1965 08 17.82617	20 20 13.99	-06 37 02.8	MPC 2959	3 073	(6)	1975 02 09.20018	15 13 15.40	-02 32 08.7	MPC 3880	5 012
(3)	1965 08 17.83517	20 20 13.60	-06 37 07.1	MPC 2959	3 073	(6)	1975 02 09.21680	15 13 16.31	-02 32 06.4	MPC 3880	5 012
(3)	1965 10 16.85859	20 17 52.60	-13 13 13.8	MPC 2923	2 999	(6)	1975 02 09.23342	15 13 16.89	-02 32 02.9	MPC 3880	5 012
(3)	1965 10 16.86067	20 17 52.68	-13 13 14.3	MPC 2923	2 999	(6)	1982 05 31.81758	11 42 19.64	+16 10 45.3	MPC 9326	6 073
(3)	1965 10 16.86205	20 17 52.72	-13 13 15.3	MPC 2923	2 999	(6)	1982 05 31.83628	11 42 20.01	+16 10 40.0	MPC 9326	6 073
(3)	1967 03 16.85648	08 03 28.05	+10 53 23.9	MPC 3094	4 999	(7)	1965 08 21.19410	20 30 20.14	-10 36 44.2	MPC 2927	1 806
(3)	1967 03 16.86132	08 03 28.16	+10 53 26.6	MPC 3094	4 999	(7)	1965 08 21.21488	20 30 18.99	-10 36 47.7	MPC 2927	1 806
(3)	1967 03 16.86548	08 03 28.19	+10 53 28.3	MPC 3094	4 999	(7)	1965 09 02.81582	20 21 20.64	-11 12 11.3	MPC 2962	5 073
(3)	1968 05 04.88946	14 24 25.34	+00 01 41.6	MPC 3392	1 073	(7)	1965 09 02.82344	20 21 20.28	-11 12 12.7	MPC 2962	5 073
(3)	1968 05 04.89777	14 24 24.92	+00 01 44.2	MPC 3392	1 073	(7)	1965 09 02.83037	20 21 20.13	-11 12 13.6	MPC 2962	5 073
(3)	1972 04 05.91246	12 51 41.82	+02 26 31.8	MPC 5141	1 073	(7)	1965 10 20.87791	20 33 57.11	-11 51 10.7	MPC 2924	1 999
(3)	1972 04 05.92284	12 51 41.33	+02 26 37.0	MPC 5141	1 073	(7)	1965 10 20.88484	20 33 57.46	-11 51 10.2	MPC 2924	1 999
(3)	1973 06 20.84056	16 49 56.91	-03 57 20.4	MPC 5141	1 073	(7)	1967 04 11.09322	09 54 17.44	+04 32 41.3	MPC 3318	1 804
(3)	1973 06 20.85025	16 49 56.47	-03 57 20.6	MPC 5141	1 073	(7)	1967 04 11.11399	09 54 17.37	+04 32 44.9	MPC 3318	1 804
(3)	1973 06 26.84842	16 45 23.39	-04 01 12.9	MPC 5142	1 073	(7)	1972 06 30.88080	17 43 00.90	-21 43 40.3	MPC 4720	5 999
(3)	1973 06 26.85673	16 45 23.01	-04 01 13.5	MPC 5141	1 073	(7)	1972 06 30.88773	17 43 00.48	-21 43 39.4	MPC 4720	5 999
(3)	1973 06 28.84364	16 43 58.48	-04 03 32.9	MPC 5142	1 073	(7)	1972 06 30.89465	17 43 00.02	-21 43 38.7	MPC 4720	5 999
(3)	1973 06 28.85334	16 43 58.08	-04 03 33.8	MPC 5142	1 073	(8)	1980 06 02.87831	16 47 38.47	-16 05 28.6	MPC 8599	1 006
(3)	1973 07 05.83076	16 39 29.41	-04 15 38.9	MPC 5142	1 073	(8)	1980 06 02.88873	16 47 37.85	-16 05 30.0	MPC 8599	1 006
(3)	1973 07 05.84115	16 39 29.05	-04 15 40.5	MPC 5142	1 073	(11)	1969 05 16.62396	14 46 51.97	-08 06 11.8	MPC 3313	4 323
(3)	1974 10 17.75137	22 30 38.23	-11 00 52.1	MPC 5142	1 073	(11)	1969 05 16.62570	14 46 51.72	-08 06 11.8	MPC 2982	4 323
(3)	1974 10 17.75933	22 30 38.23	-11 00 55.3	MPC 5142	1 073	(11)	1969 05 16.62813	14 46 51.74	-08 06 11.3	MPC 3313	4 323
(4)	1965 10 28.11041	06 59 54.70	+19 25 10.6	MPC 2925	5 999	(11)	1970 11 20.74990	01 05 58.05	-00 37 18.2	MPC 3399	1 073
(4)	1965 10 28.11457	06 59 54.78	+19 25 10.9	MPC 2925	5 999	(11)	1970 11 20.76514	01 05 57.75	-00 37 16.2	MPC 3399	1 073
(4)	1965 10 28.11733	06 59 54.83	+19 25 10.5	MPC 2925	5 999	(11)	1978 10 26.06944	04 39 57.40	+15 26 09.8	MPC 6445	5 549
(4)	1965 11 24.19541	06 59 26.62	+19 57 05.8	MPC 2925	1 999	(11)	1978 10 26.08472	04 39 56.94	+15 26 07.7	MPC 6445	5 549
(4)	1965 11 24.20233	06 59 26.44	+19 57 07.3	MPC 2925	1 999	(11)	1978 10 26.09870	04 39 56.45	+15 26 06.1	MPC 6445	5 549
(4)	1966 02 02.13014	05 58 18.94	+23 36 19.3	MPC 3189	4 804	(18)	1958 03 04.02058	04 56 23.57	+13 51 47.3	MPC 1901	1 804
(4)	1966 02 02.14122	05 58 18.63	+23 36 20.9	MPC 3189	4 804	(18)	1958 03 04.03028	04 56 24.36	+13 51 51.5	MPC 1901	1 804
(4)	1966 02 02.15368	05 58 18.28	+23 36 22.5	MPC 3189	4 804	(18)	1967 09 28.71995	20 28 22.76	-19 24 45.3	MPC 3400	5 073
(4)	1968 10 29.86709	01 50 48.80	-00 38 58.8	MPC 3395	1 073	(18)	1967 09 28.72757	20 28 23.04	-19 24 47.4	MPC 3400	5 073
(4)	1968 10 29.87817	01 50 48.13	-00 39 01.1	MPC 3395	1 073	(18)	1967 09 28.73519	20 28 23.30	-19 24 49.6	MPC 3400	5 073
(4)	1972 11 01.91735	05 00 20.98	+15 28 18.9	MPC 5142	1 073	(18)	1969 02 28.59418	10 12 44.87	+12 07 40.1	MPC 3313	6 323
(4)	1972 11 01.92220	05 00 20.77	+15 28 18.7	MPC 5142	1 073	(18)	1969 02 28.59834	10 12 44.63	+12 07 42.0	MPC 3313	6 323
(4)	1972 11 03.90635	04 59 05.08	+15 26 33.2	MPC 5142	1 073	(20)	1974 05 17.84714	14 38 24.82	-15 01 57.8	MPC 5149	1 073
(4)	1972 11 03.91189	04 59 04.84	+15 26 32.7	MPC 5142	1 073	(20)	1974 05 17.85406	14 38 24.45	-15 01 56.0	MPC 6065	1 073
(4)	1972 11 17.93180	04 47 20.67	+15 16 06.1	MPC 5142	1 073	(21)	1970 11 04.95699	05 02 49.26	+21 16 22.3	MPC 5103	1 073
(4)	1972 11 17.93596	04 47 20.40	+15 16 05.5	MPC 5142	1 073	(21)	1970 11 04.96876	05 02 48.79	+21 16 22.2	MPC 5103	1 073
(4)	1972 11 30.93056	04 33 36.71	+15 11 56.6	MPC 3596	4 990	(22)	1984 05 22.90655	16 21 27.88	-21 06 17.3	MPC 9820	2 073

(22)	1984 05 22.91555	16 21 27.43	-21 06 17.2	MPC 9820	2 073	(40)	1965 03 01.23230	11 15 33.95	+12 10 41.9	MPC 2927	6 806
(22)	1984 06 28.84597	15 51 16.00	-21 46 38.4	MPC 9820	1 073	(40)	1965 03 01.24269	11 15 33.33	+12 10 46.4	MPC 2927	6 806
(22)	1984 06 28.85428	15 51 15.72	-21 46 36.9	MPC 9820	1 073	(40)	1965 03 01.25307	11 15 32.71	+12 10 50.7	MPC 2927	6 806
(26)	1974 04 20.84147	12 18 23.31	+01 20 03.6	MPC 5150	1 073	(40)	1968 02 29.87339	06 47 21.81	+25 47 26.0	MPC 3590	8 999
(26)	1974 04 20.84909	12 18 22.98	+01 20 05.5	MPC 5150	1 073	(40)	1968 02 29.87928	06 47 21.89	+25 47 26.0	MPC 3590	8 999
(27)	1984 03 28.83919	11 02 45.39	+09 02 26.0	MPC 9820	1 073	(40)	1968 02 29.88309	06 47 21.94	+25 47 26.0	MPC 3590	8 999
(27)	1984 03 28.85027	11 02 44.92	+09 02 28.8	MPC 9820	1 073	(40)	1969 02 28.87465	16 14 25.27	-17 08 58.1	MPC 3314	1 323
(29)	1976 02 13.81554	09 51 11.54	+18 47 32.2	MPC 4329	4 006	(40)	1969 02 28.87847	16 14 25.49	-17 08 58.3	MPC 3314	1 323
(29)	1984 04 06.74218	08 09 22.06	+24 20 49.2	MPC 9820	6 073	(40)	1969 05 09.24252	16 20 27.48	-17 05 26.4	MPC 3594	6 804
(29)	1984 04 06.75326	08 09 22.49	+24 20 46.3	MPC 9820	6 073	(40)	1969 07 05.81413	15 33 58.49	-16 55 41.5	MPC 3403	1 073
(31)	1974 04 15.83889	12 15 31.88	+16 57 46.6	MPC 4041	6 990	(40)	1969 07 05.83075	15 33 58.34	-16 55 43.0	MPC 3403	1 073
(31)	1974 04 15.85278	12 15 31.34	+16 57 43.3	MPC 4041	6 990	(40)	1973 08 04.34423	22 52 21.52	-13 40 12.1	MPC 3646	6 806
(31)	1974 04 16.83819	12 14 40.03	+16 52 19.7	MPC 4041	5 990	(40)	1973 09 05.84624	22 25 19.57	-17 22 22.2	MPC 5153	1 073
(31)	1974 04 16.85208	12 14 39.53	+16 52 14.6	MPC 4041	5 990	(40)	1973 09 05.85385	22 25 19.16	-17 22 25.0	MPC 5153	1 073
(31)	1974 04 17.83403	12 13 49.54	+16 46 42.8	MPC 4041	6 990	(40)	1973 09 22.75264	22 12 31.18	-18 25 05.0	MPC 5154	1 073
(31)	1974 04 17.84514	12 13 49.03	+16 46 40.2	MPC 4041	6 990	(40)	1973 09 22.76164	22 12 30.84	-18 25 06.2	MPC 5154	1 073
(35)	1965 07 28.86146	21 39 25.83	-22 05 28.5	MPC 2556	14.0	(40)	1973 10 29.69945	22 13 04.52	-17 10 48.6	MPC 5154	1 073
(39)	1962 04 04.80778	11 01 34.39	+10 19 56.6	MPC 2551	7 105	(40)	1973 10 29.70915	22 13 04.79	-17 10 45.3	MPC 5154	1 073
(39)	1964 10 29.86963	23 58 31.84	-09 40 03.0	MPC 2921	6 999	(40)	1975 02 09.15413	08 53 09.75	+22 21 14.4	MPC 3880	5 012
(39)	1968 07 23.82475	18 53 17.88	-10 40 30.6	MPC 3401	1 073	(40)	1975 02 09.17144	08 53 08.63	+22 21 18.9	MPC 3880	5 012
(39)	1968 07 23.83721	18 53 17.27	-10 40 34.8	MPC 3401	1 073	(40)	1975 02 09.18875	08 53 07.61	+22 21 23.6	MPC 3880	5 012
(39)	1972 06 12.79962	14 56 42.33	-01 58 39.4	MPC 5152	1 073	(41)	1958 07 13.32292	21 19 26.58	+04 04 48.1	MPC 3388	7 760
(39)	1972 06 12.81139	14 56 42.01	-01 58 40.0	MPC 5152	1 073	(42)	1971 10 11.85579	01 26 51.40	-07 13 56.0	MPC 5104	1 073
(39)	1972 06 14.80341	14 55 49.99	-02 00 31.6	MPC 5152	1 073	(42)	1971 10 11.86480	01 26 51.01	-07 13 57.5	MPC 5104	1 073
(39)	1972 06 14.81311	14 55 49.72	-02 00 32.3	MPC 5152	1 073	(42)	1975 11 22.21388	03 07 17.94	+09 17 37.3	MPC 4056	4 880
(39)	1973 08 02.92738	22 38 05.20	-05 36 01.3	MPC 5152	1 073	(42)	1975 11 22.21634	03 07 17.75	+09 17 36.3	MPC 4056	4 880
(39)	1973 08 02.93569	22 38 04.94	-05 36 04.8	MPC 5152	1 073	(44)	1971 07 17.96414	21 35 45.99	-14 20 45.0	MPC 5105	1 073
(39)	1973 09 05.83619	22 15 59.96	-10 28 07.7	MPC 5152	1 073	(44)	1971 07 17.97176	21 35 45.65	-14 20 47.2	MPC 5105	1 073
(39)	1973 09 05.82927	22 16 00.27	-10 28 04.0	MPC 5152	1 073	(44)	1983 11 10.84410	02 02 15.81	+05 37 26.4	MPC 11920	553
(39)	1973 09 08.82947	22 13 59.31	-10 54 43.5	MPC 5152	1 073	(51)	1957 07 19.92939	19 05 47.72	-07 04 16.2	MPC 1874	1 983
(39)	1973 09 08.82248	22 13 59.56	-10 54 39.1	MPC 5152	1 073	(51)	1957 07 19.93441	19 05 47.43	-07 04 17.6	MPC 1874	1 983
(39)	1973 09 22.74260	22 06 24.99	-12 44 17.4	MPC 5152	1 073	(51)	1957 07 20.91637	19 04 55.63	-07 09 24.0	MPC 1874	1 983
(39)	1973 09 22.73359	22 06 25.21	-12 44 13.9	MPC 5152	1 073	(51)	1957 07 20.92295	19 04 55.30	-07 09 26.0	MPC 1874	1 983
(39)	1975 01 15.16226	06 19 22.33	+10 20 48.6	MPC 4149	3 804	(52)	1956 02 16.94786	09 37 34.70	+17 02 22.1	MPC 1585	6 057
(39)	1975 01 15.16919	06 19 22.00	+10 20 50.5	MPC 4149	3 804	(52)	1984 05 22.82033	13 55 41.67	-00 51 36.3	MPC 9820	2 073
(39)	1975 01 15.17611	06 19 21.65	+10 20 52.5	MPC 4149	3 804	(52)	1984 05 22.83279	13 55 41.30	-00 51 36.3	MPC 9820	2 073
(39)	1975 02 08.93084	06 07 00.19	+12 25 42.5	MPC 3880	5 012	(54)	1983 09 04.84930	21 45 21.51	-05 58 04.3	MPC 8871	11.2 5 571
(39)	1975 02 08.94428	06 06 59.93	+12 25 47.2	MPC 3880	5 012	(54)	1983 09 04.86319	21 45 20.49	-05 58 03.8	MPC 8871	5 571
(39)	1975 02 08.95744	06 06 59.72	+12 25 51.0	MPC 3880	5 012	(59)	1974 03 22.80560	09 53 37.75	+09 59 54.5	MPC 5156	1 073
(39)	1975 02 10.68798	06 06 42.91	+12 35 06.2	MPC 5337	1 073	(59)	1974 03 22.81867	09 53 37.45	+09 59 58.2	MPC 5156	1 073
(39)	1975 02 10.69421	06 06 42.87	+12 35 07.9	MPC 5337	1 073	(63)	1970 11 04.05380	02 07 35.14	+21 37 30.9	MPC 6361	3 020
(39)	1975 02 11.73372	06 06 34.83	+12 40 39.9	MPC 5337	1 073	(63)	1970 11 04.05622	02 07 35.04	+21 37 30.2	MPC 6361	3 020
(39)	1975 02 11.74186	06 06 34.75	+12 40 42.1	MPC 5337	1 073	(65)	1946 09 27.22292	01 33 58.07	+06 25 35.8	MPC 565	1 786
(39)	1979 01 25.80547	02 01 54.44	+01 23 13.0	MPC 5091	1 022	(65)	1946 09 27.23796	01 33 57.52	+06 25 31.2	MPC 565	1 786
(39)	1979 01 25.82002	02 01 55.37	+01 23 20.5	MPC 5091	1 022	(65)	1971 10 21.73814	23 39 47.53	-04 31 23.4	MPC 5106	1 073
(40)	1962 05 10.87998	14 23 04.69	-08 02 35.7	MPC 2541	1 073	(65)	1971 10 21.75095	23 39 47.22	-04 31 25.5	MPC 5106	1 073
(40)	1962 05 10.89625	14 23 03.74	-08 02 32.9	MPC 2541	1 073	(67)	1971 11 09.73890	01 30 14.50	+07 28 46.1	MPC 5106	C 073
(40)	1962 07 09.82110	14 09 38.03	-09 41 13.0	MPC 2616	1 073	(67)	1971 11 09.74513	01 30 14.25	+07 28 43.9	MPC 5106	C 073
(40)	1962 07 09.80587	14 09 37.56	-09 41 08.2	MPC 2616	1 073	(76)	1977 01 24.91217	09 38 52.42	+10 58 12.3	MPC 4558	6 022
(40)	1965 02 22.22009	11 22 05.48	+11 19 15.6	MPC 2927	6 806	(76)	1977 01 24.92948	09 38 51.66	+10 58 15.4	MPC 4558	6 022
(40)	1965 02 22.23048	11 22 04.90	+11 19 20.3	MPC 2927	6 806	(77)	1966 06 27.67233	20 18 03.07	-23 10 49.0	MPC 2705	6 420
(40)	1965 02 22.24086	11 22 04.30	+11 19 24.9	MPC 2927	6 806						



(78) 1973 02 07.81378 07 42 26.46 +29 10 31.5 MPC 5157 1 073  
 (78) 1973 02 07.82278 07 42 26.04 +29 10 28.5 MPC 5157 1 073

Note 1: Pairs of observations interchanged. 2: Time changed by +2 hours. 3: Time changed by -2 hours. 4: Time changed by +1 hour. 5: Time changed by -1 hour. 6: Time adjusted. 7: Date corrected by -1 day. 8: Time changed by -3 hours. 9: 1982 OW = (3850). A = 1 + 9. B: 1989 SK = (5737).  
 C: Time changed by -4 hours.

### DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	$\alpha_{2000}$	$\delta_{2000}$	Reference	Obs.
1977 OX	1983 10 06.62700		00 47 10.0	-33 10 00	MPC 25575	413
(4)	1965 10 26.15449		06 59 04.36	+19 25 47.6	MPC 2583	012
(4)	1965 10 26.15622		06 59 04.41	+19 25 47.4	MPC 2583	012
(4)	1965 10 26.15795		06 59 04.41	+19 25 47.1	MPC 2583	012
(18)	1986 04 15.85282		07 13 49.28	+18 56 58.0	MPC13434	975
(18)	1986 04 15.85728		07 13 49.25	+18 56 57.8	MPC13434	975
(21)	1984 06 29.80064		14 20 29.79	-12 15 41.0	MPC22709	073
(21)	1984 06 29.81415		14 20 29.90	-12 15 40.5	MPC22709	073
(40)	1986 04 28.95112		15 41 21.05	-14 15 23.8	MPC13434	975
(40)	1986 04 28.95482		15 41 21.10	-14 15 23.9	MPC13434	975
(51)	1954 11 16.87479		23 58 01.09	-05 21 17.4	MPC 1233	983
(51)	1954 11 16.87802		23 58 01.05	-05 21 17.6	MPC 1233	983
(65)	1955 01 16.50625		07 26 35.95	+18 33 32.6	MPC 2295	388

### IDENTIFICATION CHANGES

Continuation to MPC 25552.

Object	Date	UT	$\alpha_{2000}$	$\delta_{2000}$	Originally	Mag.	Obs.
1993 BL <sub>15</sub>	* 1993 01 23.46042		08 34 30.79	+25 23 44.6	1993 BQ <sub>2</sub>	17	400
1993 BL <sub>15</sub>	1993 01 23.47431		08 34 29.86	+25 23 47.0	1993 BQ <sub>2</sub>		400
1993 DF <sub>3</sub>	* 1993 02 22.99792		09 16 50.10	+19 32 28.6	1993 BQ <sub>6</sub>		010
1993 DF <sub>3</sub>	1993 02 23.00984		09 16 49.42	+19 32 30.6	1993 BQ <sub>6</sub>		010

### NUMBERING OF A PERIODIC COMET

Continuation to the list on MPC 25552.

122P/1846 D1 = 1995 S1 (de Vico)

### OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

046	Kleť. 0.57-m $f/2$ reflector + CCD. Observers J. Tichá, M. Tichý and Z. Moravec. Measured by M. Tichý and J. Tichá.
108	Montelupo. 0.30-m $f/5.7$ Schmidt-Cassegrain + CCD. Observer M. Tombelli.
118	Modra. 0.6-m $f/5.5$ reflector + CCD. Observers Š. Gajdoš, D. Kalmančok, L. Kornoš, P. Kolény and P. Zigo.
323	Perth Observatory, Bickley. Observers G. Lowe and T. Smith.
355	Hadano. 0.20-m $f/4.0$ reflector + CCD. Observer A. Asami.

356	Kogota. 0.20-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer T. Yusa.
359	Wakayama. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer S. Yoshida.
360	Kuma Kogen. 0.60-m $f/6.0$ Ritchey-Chrétien + CCD. Observer A. Nakamura.
367	Yatsuka. 0.26-m $f/4.8$ reflector + CCD. Observer H. Abe.
372	Geisei. 0.60-m $f/3.5$ reflector. Observer T. Seki.
388	Tokyo-Mitaka. 0.28-m reflector + CCD. Observers H. Fukushima and J. Watanabe.
402	Dynic Astronomical Observatory. 0.60-m $f/5.0$ reflector + CCD. Observer A. Sugie.
410	Sengamine. 0.20-m $f/6.0$ reflector + CCD. Observer K. Ito.
411	Oizumi. 0.25-m $f/4.4$ reflector + CCD. Observer T. Kobayashi.
412	Iwaki. 0.20-m $f/1.5$ Schmidt. Observer M. Tanaka. Measured by M. Koishikawa.
413	Siding Spring. 1.0-m reflector + CCD. Observers R. H. McNaught.
415	Kambah. Observer D. Herald.
422	Loomberah. 0.25-m $f/4.1$ reflector + CCD. Observer G. J. Garrard.
476	Grange Observatory. 0.3-m $f/4$ reflector + CCD. Observer P. Pognant.
494	Stakenbridge. 0.26-m $f/7.3$ reflector + CCD. Observer B. G. W. Manning.
540	Linz. 0.3-m $f/5.2$ Schmidt-Cassegrain + CCD. Observers E. Meyer and H. Raab.
560	Madonna di Dossobuono. 0.40-m $f/3.5$ reflector + CCD. Observers L. Lai, I. Rocchetti and G. Vesentini.
568	Mauna Kea. IRTF encoders. Observers D. J. Tholen, O. Hainaut and W. F. Golisch.
587	Sormano. 0.5-m reflector + CCD. Observers P. Sicoli, M. Cavagna, V. Giuliani, P. Ghezzi, F. Manca and G. Ventre.
589	Santa Lucia Stroncone. 0.50-m $f/2.8$ Ritchey-Chrétien + CCD. Observers A. Vagnozzi, G. Bernabei, V. Risoldi, E. Gregori and F. Lombardi.
608	Haleakala-AMOS. 1.2-m reflector + CCD. Observers J. Africano, D. O'Connell, D. Nishimoto, W. Hada and P. Sydney.
670	Camarillo. 0.25-m Schmidt-Cassegrain + CCD. Observer J. E. Rogers.
730	University of North Dakota. NGT-18 telescope + CCD. Observer A. J. Willman.
801	Oak Ridge. 1.5-m reflector + CCD. Observer R. E. McCrosky.
807	Cerro Tololo. 4-m reflector + CCD. Observers J. Blakeslee and E. Ajhar. Measured by B. E. A. Mueller.
817	Sudbury. 0.41-m reflector + CCD. Observer D. di Cicco.
819	Val-des-Bois. 0.25-m $f/10$ Schmidt-Cassegrain + CCD. Observer D. Bergeron.
834	Buenos Aires-AAAA. 0.3-m $f/6.0$ reflector + CCD. Observers G. D. Rodriguez, J. R. Carozza. Measured by G. D. Rodriguez.
893	Sendai Astronomical Observatory. 0.41-m $f/3.3$ reflector + CCD. Observer K. Cross.
894	Kiyosato. 0.25-m $f/3.4$ reflector. Observer S. Otomo.
897	YGCO Chiyoda Observatory. 0.25-m $f/6.0$ reflector + CCD. Observer T. Kojima.
900	Ohtsu. 0.25-m $f/6.3$ reflector + CCD. Observer Y. Ikari.
965	Centro de Observação Astronômica no Algarve, Portiamo. 0.5-m reflector + CCD. Observer B. M. Ewen-Smith.

Object	Date	UT	$\alpha_{2000}$	$\delta_{2000}$	Mag.	N Obs.						
	<b>P/1993 K2 (Helin-Lawrence)</b>							C/1995 O1	1995 09 18.44510	18 17 03.98	-29 53 04.4	411
P/1993 K2	1995 09 22.49288		01 29 56.25	-03 31 25.4		608	C/1995 O1	1995 09 18.45104	18 17 03.92	-29 53 02.9	897	
P/1993 K2	1995 09 22.53384		01 29 55.01	-03 31 34.4		608	C/1995 O1	1995 09 18.45640	18 17 03.82	-29 53 01.8	411	
	<b>C/1995 O1 (Hale-Bopp)</b>							C/1995 O1	1995 09 18.46044	18 17 03.75	-29 52 59.3	897
C/1995 O1	1995 08 05.89135		18 34 48.09	-31 45 45.5		589	C/1995 O1	1995 09 19.01942	18 16 58.96	-29 51 26.9	817	
C/1995 O1	1995 08 05.90766		18 34 47.28	-31 45 41.3		589	C/1995 O1	1995 09 19.02635	18 16 58.91	-29 51 25.9	817	
C/1995 O1	1995 08 13.42647		18 30 16.02	-31 29 02.7		415	C/1995 O1	1995 09 21.42567	18 16 40.68	-29 44 39.2	897	
C/1995 O1	1995 08 14.49306		18 29 39.97	-31 26 32.0		323	C/1995 O1	1995 09 21.43844	18 16 40.61	-29 44 36.8	897	
C/1995 O1	1995 08 19.19333		18 27 09.15	-31 15 06.7	12.6 T	834	C/1995 O1	1995 09 21.44530	18 16 40.55	-29 44 36.0	897	
C/1995 O1	1995 08 19.51917		18 26 59.50	-31 14 19.7		415	C/1995 O1	1995 09 24.75953	18 16 22.32	-29 35 16.8	10.9 T 046	
C/1995 O1	1995 08 19.81322		18 26 50.50	-31 13 34.7	11.5 T	560	C/1995 O1	1995 09 24.76110	18 16 22.31	-29 35 16.2	046	
C/1995 O1	1995 08 19.82767		18 26 50.01	-31 13 32.6		560	C/1995 O1	1995 09 24.76299	18 16 22.30	-29 35 16.0	046	
C/1995 O1	1995 08 20.05841		18 26 43.09	-31 12 59.1		834	C/1995 O1	1995 09 28.99464	18 16 10.69	-29 23 19.5	817	
C/1995 O1	1995 08 20.44234		18 26 31.79	-31 12 02.1		415	C/1995 O1	1995 09 29.00159	18 16 10.66	-29 23 18.5	817	
C/1995 O1	1995 08 21.10407		18 26 11.98	-31 10 20.3	11.4 T	834	C/1995 O1	1995 09 29.00853	18 16 10.65	-29 23 18.4	817	
C/1995 O1	1995 08 21.41251		18 26 03.09	-31 09 34.7		415	C/1995 O1	1995 09 29.01547	18 16 10.69	-29 23 16.8	817	
C/1995 O1	1995 08 21.81466		18 25 51.28	-31 08 33.2		560	C/1995 O1	1995 09 29.44398	18 16 10.25	-29 22 04.9	413	
C/1995 O1	1995 08 21.82431		18 25 50.97	-31 08 31.7		560	C/1995 O1	1995 09 29.44676	18 16 10.25	-29 22 04.6	413	
C/1995 O1	1995 08 22.46214		18 25 32.86	-31 06 53.8		415	C/1995 O1	1995 09 29.45021	18 16 10.21	-29 22 03.8	413	
C/1995 O1	1995 08 23.85388		18 24 53.75	-31 03 17.7	11.5 T	540	C/1995 O1	1995 09 29.45648	18 16 10.20	-29 22 03.4	413	
C/1995 O1	1995 08 23.85517		18 24 53.70	-31 03 18.4	11.5 T	540	C/1995 O1	1995 09 29.46192	18 16 10.20	-29 22 02.4	413	
C/1995 O1	1995 08 23.85765		18 24 53.63	-31 03 17.5	11.5 T	540		<b>C/1995 Q1 (Bradfield)</b>				
C/1995 O1	1995 08 26.80881		18 23 35.32	-30 55 33.6		560	C/1995 Q1	1995 09 24.14717	11 11 24.96	+17 13 45.4	10.1 T 540	
C/1995 O1	1995 08 26.81781		18 23 35.10	-30 55 31.5		560	C/1995 Q1	1995 09 24.14817	11 11 24.89	+17 13 47.8	9.8 T 540	
C/1995 O1	1995 08 27.45192		18 23 19.06	-30 53 53.7		415	C/1995 Q1	1995 09 24.14917	11 11 24.92	+17 13 48.6	10.0 T 540	
C/1995 O1	1995 08 28.42635		18 22 55.16	-30 51 16.2		415	C/1995 Q1	1995 10 02.78398	11 10 23.60	+22 42 21.7	897	
C/1995 O1	1995 08 30.14647		18 22 14.02	-30 46 37.7	11.3 T	834	C/1995 Q1	1995 10 02.82501	11 10 23.43	+22 43 55.7	897	
C/1995 O1	1995 09 01.02893		18 21 31.99	-30 41 35.2		807	C/1995 Q1	1995 10 02.83178	11 10 23.30	+22 44 11.2	897	
C/1995 O1	1995 09 01.03118		18 21 31.94	-30 41 34.8		807		<b>C/1995 Q2 (Hartley-Drinkwater)</b>				
C/1995 O1	1995 09 01.03334		18 21 31.88	-30 41 34.4		807		C/1995 Q2	1995 09 02.90242	21 41 48.94	-26 23 57.4	587
C/1995 O1	1995 09 02.22124		18 21 06.48	-30 38 19.1	11.8 T	834		C/1995 Q2	1995 09 02.90589	21 41 47.16	-26 24 02.3	587
C/1995 O1	1995 09 03.00662		18 20 50.25	-30 36 11.0	11.7 T	834		C/1995 Q2	1995 09 02.91006	21 41 45.08	-26 24 07.8	587
C/1995 O1	1995 09 03.41081		18 20 41.82	-30 35 02.2		415		C/1995 Q2	1995 09 05.52277	21 20 16.37	-27 08 20.7	16.3 T 900
C/1995 O1	1995 09 05.49277		18 20 01.92	-30 29 18.3	11.1 T	900		C/1995 Q2	1995 09 05.55358	21 20 01.47	-27 08 45.2	900
C/1995 O1	1995 09 08.45236		18 19 10.30	-30 21 06.6	11.8 T	897		C/1995 Q2	1995 09 12.53355	20 30 44.82	-27 55 34.6	16.5 T 900
C/1995 O1	1995 09 08.49059		18 19 09.50	-30 21 01.6		897		C/1995 Q2	1995 09 12.54434	20 30 40.91	-27 55 35.1	900
C/1995 O1	1995 09 10.80784		18 18 33.74	-30 14 34.5		108		C/1995 Q2	1995 09 15.14292	20 15 39.02	-27 54 16.9	16.5 T 730
C/1995 O1	1995 09 10.81563		18 18 33.71	-30 14 33.0		108		C/1995 Q2	1995 09 15.14866	20 15 37.06	-27 54 16.4	16.8 T 730
C/1995 O1	1995 09 10.82789		18 18 33.38	-30 14 30.0		108		C/1995 Q2	1995 09 15.15353	20 15 35.40	-27 54 17.5	16.9 T 730
C/1995 O1	1995 09 12.46450		18 18 10.66	-30 09 56.2		415		C/1995 Q2	1995 09 15.15563	20 15 34.85	-27 54 16.2	16.5 T 730
C/1995 O1	1995 09 16.12951		18 17 26.58	-29 59 34.4	12.1 T	670		C/1995 Q2	1995 09 16.80105	20 06 57.99	-27 50 06.0	17 T 540
C/1995 O1	1995 09 16.13994		18 17 26.62	-29 59 33.9		670		C/1995 Q2	1995 09 16.81609	20 06 53.33	-27 50 02.3	540
C/1995 O1	1995 09 16.76047		18 17 20.03	-29 57 48.6		046		C/1995 Q2	1995 09 18.44167	19 59 02.28	-27 43 55.3	16.9 T 360
C/1995 O1	1995 09 16.76214		18 17 20.03	-29 57 48.4		046		C/1995 Q2	1995 09 18.44601	19 59 01.05	-27 43 54.2	360
C/1995 O1	1995 09 16.76367		18 17 20.00	-29 57 48.2		046		C/1995 Q2	1995 09 18.44826	19 59 00.37	-27 43 53.7	360
C/1995 O1	1995 09 16.78921		18 17 19.81	-29 57 43.0	11.8 T	540		C/1995 Q2	1995 09 24.45885	19 35 00.76	-27 10 39.3	360
C/1995 O1	1995 09 16.79074		18 17 19.74	-29 57 42.7	12.0 T	540		C/1995 Q2	1995 09 24.46580	19 34 59.29	-27 10 36.6	360
C/1995 O1	1995 09 16.79198		18 17 19.65	-29 57 43.7	12.0 T	540		C/1995 Q2	1995 09 24.46910	19 34 58.65	-27 10 35.3	360
C/1995 O1	1995 09 18.43403		18 17 04.07	-29 53 06.5	10.3 T	360						
C/1995 O1	1995 09 18.43750		18 17 04.04	-29 53 05.8		360						

<b>2P/Encke</b>							58P	1995 09 18.56024	22 03 40.81	-17 01 14.2	14.2 T	360
2P	1995 09 18.58837	22 26 55.56	-08 04 53.3	19.9 T	1	360	58P	1995 09 18.56302	22 03 41.04	-17 01 18.7		360
2P	1995 09 18.59306	22 26 55.34	-08 04 55.0		1	360	58P	1995 09 18.79334	22 04 03.46	-17 07 42.2	15.2 T	118
2P	1995 09 18.59896	22 26 54.97	-08 04 57.5		1	360	58P	1995 09 19.13164	22 04 35.30	-17 16 58.8	14.6 T	819
<b>6P/d'Arrest</b>							58P	1995 09 19.14095	22 04 36.11	-17 17 14.1	14.7 T	819
6P	1995 08 29.96770	00 33 30.78	-24 47 18.8			587	58P	1995 09 19.15493	22 04 37.42	-17 17 37.4	14.8 T	819
6P	1995 08 29.98182	00 33 31.80	-24 47 48.5			587	58P	1995 09 19.18288	22 04 39.92	-17 18 22.9	14.7 T	819
6P	1995 09 17.63410	00 47 27.78	-32 44 36.9			897	58P	1995 09 26.91583	22 18 22.60	-20 31 53.1		587
6P	1995 09 17.64361	00 47 27.85	-32 44 45.6			897	58P	1995 09 26.92393	22 18 23.42	-20 32 04.4		587
6P	1995 09 18.60556	00 47 45.67	-32 59 49.4			900	58P	1995 09 28.12300	22 20 44.82	-20 58 20.3		801
6P	1995 09 18.61176	00 47 45.75	-32 59 55.5	12.0 T		900	58P	1995 09 28.13123	22 20 45.75	-20 58 31.1		801
<b>32P/Comas Solá</b>							58P	1995 09 29.09522	22 22 42.07	-21 18 48.7		801
32P	1995 09 05.07228	01 57 51.19	-01 57 13.8	18.5 T		046	58P	1995 09 29.10391	22 22 43.01	-21 18 59.6		801
32P	1995 09 05.08139	01 57 51.12	-01 57 14.9			046	<b>67P/Churyumov-Gerasimenko</b>					
32P	1995 09 05.09376	01 57 50.99	-01 57 16.8			046	67P	1995 09 05.66736	22 49 53.72	-22 12 59.1	14.4 T	360
32P	1995 09 05.76372	01 57 45.40	-01 58 55.2	17.5 T		360	67P	1995 09 05.67309	22 49 53.33	-22 13 01.4		360
32P	1995 09 05.77205	01 57 45.32	-01 58 56.5			360	67P	1995 09 12.63405	22 42 05.01	-22 53 02.9	14.5 T	900
32P	1995 09 18.07687	01 54 15.22	-02 34 12.1	16.6 T		046	67P	1995 09 12.64648	22 42 04.14	-22 53 06.7		900
32P	1995 09 18.07914	01 54 15.16	-02 34 12.3			046	67P	1995 09 17.59599	22 36 27.76	-23 13 54.7	14.8 T	897
32P	1995 09 18.08169	01 54 15.13	-02 34 13.1			046	67P	1995 09 17.60374	22 36 27.21	-23 13 56.2		897
32P	1995 09 20.68993	01 53 04.29	-02 42 37.7	17.0 T		360	67P	1995 09 18.57711	22 35 22.26	-23 17 08.3		900
32P	1995 09 20.69358	01 53 04.16	-02 42 38.5			360	67P	1995 09 18.57951	22 35 22.13	-23 17 09.8	14.3 T	360
32P	1995 09 20.75590	01 53 02.27	-02 42 50.4			360	67P	1995 09 18.58316	22 35 21.87	-23 17 10.3		360
32P	1995 09 26.01159	01 50 11.90	-03 00 17.7	17.6 T		118	67P	1995 09 18.58884	22 35 21.48	-23 17 10.4	13.0 T	900
32P	1995 09 26.02283	01 50 11.48	-03 00 19.9	17.3 T		118	67P	1995 09 18.94538	22 34 57.64	-23 18 18.0	14.7 T	118
<b>41P/Tuttle-Giacobini-Kresák</b>							67P	1995 09 28.11904	22 25 34.10	-23 31 07.1		801
41P	1995 09 08.44694	14 02 46.62	-05 41 43.0	11.6 T		367	67P	1995 09 28.13475	22 25 33.19	-23 31 06.6		801
41P	1995 09 08.44875	14 02 47.08	-05 41 45.7			367	67P	1995 09 29.09144	22 24 41.61	-23 30 39.8		801
<b>58P/Jackson-Neujmin</b>							67P	1995 09 29.10667	22 24 40.75	-23 30 39.5		801
58P	1995 08 18.89990	21 34 20.71	-02 39 19.1	16.2 T		118	<b>71P/Clark</b>					
58P	1995 09 02.94865	21 44 27.12	-09 19 21.7			494	71P	1995 05 03.87396	19 13 49.11	-26 04 10.7		323
58P	1995 09 02.95851	21 44 27.59	-09 19 39.0			494	71P	1995 08 02.62292	20 31 50.38	-41 06 50.2		323
58P	1995 09 04.89692	21 46 17.41	-10 17 32.1	15.8 T		046	71P	1995 09 17.56344	20 42 55.89	-35 27 21.5		897
58P	1995 09 04.89808	21 46 17.43	-10 17 33.7			046	71P	1995 09 17.57275	20 42 56.49	-35 27 15.9		897
58P	1995 09 04.89925	21 46 17.51	-10 17 35.9			046	71P	1995 09 21.53203	20 46 31.00	-34 41 04.7		897
58P	1995 09 11.60454	21 53 48.25	-13 39 43.1	13.8 T		900	<b>119P/Parker-Hartley</b>					
58P	1995 09 11.62297	21 53 49.53	-13 40 16.2			900	119P	1995 09 05.68455	00 57 48.28	+12 27 03.6	17.4 T	360
58P	1995 09 12.58774	21 55 04.20	-14 09 04.0	13.9 T		900	119P	1995 09 05.69792	00 57 47.99	+12 27 02.6		360
58P	1995 09 12.60347	21 55 05.37	-14 09 31.6			900	119P	1995 09 05.70347	00 57 47.87	+12 27 01.8		360
58P	1995 09 15.49839	21 59 04.63	-15 34 31.8			410	119P	1995 09 07.00444	00 57 20.61	+12 24 51.6	16.3 T	046
58P	1995 09 15.50271	21 59 05.00	-15 34 38.7	13.8 T		410	119P	1995 09 07.00656	00 57 20.50	+12 24 51.8		046
58P	1995 09 15.50575	21 59 05.20	-15 34 43.7			410	119P	1995 09 07.01134	00 57 20.40	+12 24 51.2		046
58P	1995 09 17.60809	22 02 11.61	-16 34 42.0			897	119P	1995 09 18.05282	00 52 30.17	+11 57 55.2	16.3 T	046
58P	1995 09 17.61221	22 02 12.00	-16 34 48.1	15.2 T		897	119P	1995 09 18.05522	00 52 30.08	+11 57 54.9		046
58P	1995 09 17.62948	22 02 13.48	-16 35 16.9			897	119P	1995 09 18.05731	00 52 30.03	+11 57 54.4		046
58P	1995 09 17.81644	22 02 31.72	-16 40 34.6	14.8 T		046	119P	1995 09 18.61007	00 52 13.19	+11 56 11.4	17.0 T	360
58P	1995 09 17.81854	22 02 31.90	-16 40 38.0			046	119P	1995 09 18.61753	00 52 12.91	+11 56 09.9		360
58P	1995 09 17.82061	22 02 32.07	-16 40 41.6			046	119P	1995 09 18.63681	00 52 12.31	+11 56 06.0		360
58P	1995 09 18.54284	22 03 39.25	-17 00 45.7			900	119P	1995 09 18.63769	00 52 12.26	+11 56 05.6	15.7 T	900
58P	1995 09 18.55105	22 03 39.98	-17 00 59.1	14.5 T		900	119P	1995 09 18.65142	00 52 11.80	+11 56 02.6		900
							119P	1995 09 25.96725	00 48 09.35	+11 29 49.9	16.5 T	118



122P	1995 09 27.80314	09 46 09.69	+08 07 43.1		367
122P	1995 09 27.80458	09 46 10.18	+08 07 49.0		367
122P	1995 09 28.20668	09 48 17.61	+08 36 00.1		965
122P	1995 09 30.14257	09 59 04.69	+10 53 42.9	10.2 N	046
122P	1995 09 30.14334	09 59 04.96	+10 53 46.1		046
122P	1995 09 30.14410	09 59 05.24	+10 53 49.4		046
122P	1995 09 30.62090	10 01 53.37	+11 28 13.2		568

Note 1: faint image. 2: bad seeing. 3: very poor sky conditions.

## OBSERVATIONS OF MINOR PLANETS

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

A	earlier approximate position inferior
a	sense of motion ambiguous
B	black or dark plate
b	bad seeing
C	correction to earlier position
c	crowded star field
D	declination uncertain
d	diffuse image
E	at or near edge of plate
F	faint image
f	involved with emulsion or plate flaw
G	poor guiding
g	no guiding
I	involved with star
i	inkdot measured
J	J2000.0 rereduction of previously-reported position
M	measurement difficult
N	near edge of plate, measurement uncertain
o	image out of focus
o	plate measured in one direction only
P	position uncertain
p	poor image
R	right ascension uncertain
r	poor distribution of reference stars
S	poor sky
s	streaked image
T	time uncertain
t	trailed image
U	uncertain image
u	unconfirmed image
V	very faint image
W	weak image
w	weak solution

Object	Date	UT	$\alpha_{2000}$	$\delta_{2000}$	Mag.	N	Obs.
--------	------	----	-----------------	-----------------	------	---	------

## 010 Caussols

C. Pollas, Observatoire de la Côte d'Azur, Avenue Copernic, F-06130 Grasse, France [pollas@ocar01.obs-azur.fr]

Observer	D. Albanese						
Measurer	C. Pollas						
0.9-m Schmidt telescope							
1995 SJ <sub>3</sub>	* 1995 09 26.95278	22 46 24.88	-09 06 07.2	16		010	
1995 SJ <sub>3</sub>	1995 09 26.96319	22 46 24.20	-09 05 57.7			010	
1995 SJ <sub>3</sub>	1995 09 26.97014	22 46 23.77	-09 05 51.5			010	
1995 SJ <sub>3</sub>	1995 09 26.97708	22 46 23.22	-09 05 44.3			010	
1995 SJ <sub>3</sub>	1995 09 27.92431	22 45 12.58	-08 50 02.1			010	
1995 SJ <sub>3</sub>	1995 09 27.93507	22 45 11.72	-08 49 50.2			010	
1995 SJ <sub>3</sub>	1995 09 27.94514	22 45 10.94	-08 49 39.7			010	

## 046 Kleř

J. Tichá, Hvězdárna Kleř, Zátkovo nábřeží 4, CZ-37001 České Budějovice, Czech Republic [klet@jcu.cz]

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

Measurers Z. Moravec, M. Tichý

0.57-m reflector + CCD

GSC

1980 DL	1995 09 16.90744	22 59 26.71	-04 48 15.2	19.2 R	F	046
1980 DL	1995 09 16.91050	22 59 26.60	-04 48 14.9		F	046
1980 DL	1995 09 16.91542	22 59 26.37	-04 48 17.9		F	046
1980 DL	1995 09 24.82095	22 52 47.39	-05 22 11.5	19.8 R	F	046
1981 FT	1995 09 05.02630	00 46 36.44	-01 20 33.3	17.7 R		046
1981 FT	1995 09 05.02862	00 46 36.35	-01 20 33.8			046
1981 FT	1995 09 05.03096	00 46 36.25	-01 20 34.5			046
1981 FT	1995 09 06.96078	00 45 15.14	-01 30 15.4	17.6 R	r	046
1981 FT	1995 09 06.96478	00 45 14.93	-01 30 16.2		r	046
1981 FT	1995 09 06.96815	00 45 14.79	-01 30 17.4		r	046
1981 SO	1995 09 18.02708	01 38 12.01	+14 31 04.3	15.5 R		046
1981 SO	1995 09 18.02918	01 38 11.92	+14 31 04.5			046
1981 SO	1995 09 18.03123	01 38 11.85	+14 31 04.8			046
1981 SO	1995 09 19.98289	01 36 57.84	+14 34 23.8	15.6 R		046
1981 SO	1995 09 19.99377	01 36 57.38	+14 34 24.8			046
1981 SO	1995 09 19.99740	01 36 57.23	+14 34 25.0			046
1981 TJ	1995 09 17.06873	00 41 06.37	+09 58 22.5	16.6 R		046
1981 TJ	1995 09 17.07090	00 41 06.25	+09 58 22.0			046
1981 TJ	1995 09 17.07288	00 41 06.21	+09 58 21.1			046
1981 TJ	1995 09 17.96267	00 40 30.30	+09 53 55.8	17.3 R	r	046
1981 TJ	1995 09 17.96498	00 40 30.20	+09 53 55.0		r	046
1981 TJ	1995 09 17.96736	00 40 30.10	+09 53 54.4		r	046
1982 VF	1995 09 24.78948	21 38 02.92	-22 30 38.1	16.5 R		046
1982 VF	1995 09 24.79351	21 38 02.84	-22 30 36.9			046
1982 VF	1995 09 24.79578	21 38 02.79	-22 30 36.3			046
1982 VF	1995 09 28.80932	21 36 54.98	-22 12 50.6	17.0 R	r	046
1982 VF	1995 09 28.81131	21 36 54.93	-22 12 50.3		r	046
1982 VF	1995 09 28.81350	21 36 54.92	-22 12 50.4		r	046
1983 TE <sub>1</sub>	1995 09 22.14721	05 30 22.43	+20 18 37.6	18.0 R		046
1983 TE <sub>1</sub>	1995 09 22.14920	05 30 22.56	+20 18 37.0			046
1983 TE <sub>1</sub>	1995 09 22.15116	05 30 22.68	+20 18 36.2			046
1983 TE <sub>1</sub>	1995 09 30.08380	05 39 05.63	+19 56 36.5	17.4 R		046
1983 TE <sub>1</sub>	1995 09 30.08581	05 39 05.71	+19 56 35.8			046
1983 TE <sub>1</sub>	1995 09 30.10949	05 39 07.10	+19 56 31.9			046

1983 TE <sub>1</sub>	1995 09 30.11358	05 39 07.36	+19 56 31.3		046	1988 AF <sub>1</sub>	1995 09 19.96613	01 34 32.59	+05 34 58.9	17.8 R	046
1984 DE	1995 09 17.07809	00 46 09.13	+14 18 38.8	15.3 R	046	1988 AF <sub>1</sub>	1995 09 19.97633	01 34 32.28	+05 34 58.7		046
1984 DE	1995 09 17.08009	00 46 09.07	+14 18 38.6		046	1988 AF <sub>1</sub>	1995 09 19.97833	01 34 32.22	+05 34 57.9		046
1984 DE	1995 09 17.08207	00 46 08.96	+14 18 39.1		046	1990 DM <sub>1</sub>	1995 09 17.98756	01 31 43.82	+12 19 18.0	16.8 R	046
1984 DE	1995 09 17.97315	00 45 27.73	+14 17 34.9	15.5 R	046	1990 DM <sub>1</sub>	1995 09 17.99212	01 31 43.62	+12 19 17.0		046
1984 DE	1995 09 17.97581	00 45 27.60	+14 17 34.6		046	1990 DM <sub>1</sub>	1995 09 17.99523	01 31 43.52	+12 19 16.6		046
1984 DE	1995 09 17.97806	00 45 27.49	+14 17 34.4		046	1990 DM <sub>1</sub>	1995 09 19.93293	01 30 25.52	+12 13 56.4	16.9 R	046
1984 UK <sub>1</sub>	1995 09 16.85469	22 12 42.62	-05 28 04.7	18.2 R	046	1990 DM <sub>1</sub>	1995 09 19.93701	01 30 25.36	+12 13 55.6		046
1984 UK <sub>1</sub>	1995 09 16.85883	22 12 42.42	-05 28 06.2		046	1990 DM <sub>1</sub>	1995 09 19.94012	01 30 25.23	+12 13 55.3		046
1984 UK <sub>1</sub>	1995 09 16.86139	22 12 42.30	-05 28 07.1		046	1990 DS <sub>1</sub>	1995 09 17.05391	00 08 33.56	+02 37 57.7	17.2 R	046
1984 UK <sub>1</sub>	1995 09 17.80372	22 12 00.11	-05 33 27.2	18.0 R	046	1990 DS <sub>1</sub>	1995 09 17.05803	00 08 33.32	+02 37 56.1		046
1984 UK <sub>1</sub>	1995 09 17.80600	22 11 59.99	-05 33 27.8		046	1990 DS <sub>1</sub>	1995 09 17.06285	00 08 33.09	+02 37 54.5		046
1984 UK <sub>1</sub>	1995 09 17.80822	22 11 59.91	-05 33 28.6		046	1990 DS <sub>1</sub>	1995 09 17.94439	00 07 45.43	+02 32 46.0	17.6 R	046
1986 UV	1995 09 18.03898	01 43 58.68	+14 34 44.2	17.3 R	046	1990 DS <sub>1</sub>	1995 09 17.94648	00 07 45.32	+02 32 45.4		046
1986 UV	1995 09 18.04111	01 43 58.60	+14 34 43.9		046	1990 DS <sub>1</sub>	1995 09 17.94868	00 07 45.19	+02 32 44.6		046
1986 UV	1995 09 18.04557	01 43 58.45	+14 34 43.7		046	1995 NB	1995 09 28.76365	21 04 48.25	-23 46 07.3	16.3 R	r 046
1986 UV	1995 09 20.00235	01 42 55.66	+14 33 49.4	17.3 R	046	1995 NB	1995 09 28.76806	21 04 48.37	-23 46 06.7		r 046
1986 UV	1995 09 20.00640	01 42 55.49	+14 33 49.3		046	1995 NB	1995 09 28.77020	21 04 48.43	-23 46 06.5		r 046
1986 UV	1995 09 20.00992	01 42 55.38	+14 33 49.1		046	1995 NB	1995 09 29.78443	21 05 16.26	-23 44 07.3	16.5 R	046
1986 XJ <sub>5</sub>	1995 09 16.78921	19 30 46.16	-13 47 56.9	19.4 R	046	1995 NB	1995 09 29.78648	21 05 16.30	-23 44 07.1		046
1986 XJ <sub>5</sub>	1995 09 16.79328	19 30 46.28	-13 47 57.8		046	1995 NB	1995 09 29.79061	21 05 16.44	-23 44 06.8		046
1986 XJ <sub>5</sub>	1995 09 16.79916	19 30 46.42	-13 47 57.6		046	1995 OZ	1995 09 16.88824	22 13 05.13	-06 40 13.8	18.7 R	046
1986 XJ <sub>5</sub>	1995 09 24.77021	19 34 20.57	-14 03 14.7	19.2 R	046	1995 OZ	1995 09 16.89249	22 13 04.98	-06 40 15.3		046
1986 XJ <sub>5</sub>	1995 09 24.77435	19 34 20.69	-14 03 15.9		046	1995 OZ	1995 09 16.89800	22 13 04.70	-06 40 17.2		046
1986 XJ <sub>5</sub>	1995 09 24.77912	19 34 20.85	-14 03 16.1		046	1995 OZ	1995 09 28.86022	22 06 16.13	-07 54 04.2	19.4 R	F 046
1987 HM <sub>1</sub>	1995 09 20.09650	02 53 49.26	+15 41 47.3	17.3 R	046	1995 OZ	1995 09 28.86427	22 06 16.02	-07 54 04.3		F 046
1987 HM <sub>1</sub>	1995 09 20.10069	02 53 49.17	+15 41 47.5		046	1995 OZ	1995 09 28.86792	22 06 15.91	-07 54 06.2		046
1987 HM <sub>1</sub>	1995 09 20.10646	02 53 49.07	+15 41 48.0		046	1995 PA	1995 09 16.80961	20 58 33.85	-23 38 15.2	18.4 R	046
1987 HM <sub>1</sub>	1995 09 22.10066	02 53 12.28	+15 44 02.8	17.3 R	046	1995 PA	1995 09 16.81659	20 58 33.76	-23 38 14.9		046
1987 HM <sub>1</sub>	1995 09 22.10590	02 53 12.16	+15 44 02.9		046	1995 PA	1995 09 16.86596	20 58 33.14	-23 38 09.0		046
1987 HM <sub>1</sub>	1995 09 22.10870	02 53 12.12	+15 44 03.1		046	1995 PA	1995 09 28.85110	20 59 15.51	-23 04 25.7	19.1 R	F 046
1987 VB <sub>1</sub>	1995 08 23.09219	23 54 23.37	-07 18 19.4	17.5 R	046	1995 PA	1995 09 28.85337	20 59 15.60	-23 04 23.8		F 046
1987 VB <sub>1</sub>	1995 08 23.09581	23 54 23.24	-07 18 19.8		046	1995 PA	1995 09 29.79844	20 59 33.10	-23 00 41.1	19.1 R	F 046
1987 VB <sub>1</sub>	1995 08 23.09903	23 54 23.10	-07 18 19.8		046	1995 PA	1995 09 29.80062	20 59 33.07	-23 00 41.0		F 046
1987 VB <sub>1</sub>	1995 09 04.98483	23 46 08.25	-07 41 38.8	16.8 R	046	1995 PA	1995 09 29.80453	20 59 33.16	-23 00 39.4		F 046
1987 VB <sub>1</sub>	1995 09 04.98738	23 46 08.17	-07 41 38.7		046	1995 PB	1995 08 11.01431	01 34 29.05	+10 22 51.2		046
1987 VB <sub>1</sub>	1995 09 04.98898	23 46 08.05	-07 41 39.2		046	1995 PB	1995 08 11.01815	01 34 29.17	+10 22 51.2		046
1987 VB <sub>1</sub>	1995 09 16.93369	23 35 38.85	-08 03 57.2	16.6 R	046	1995 PB	1995 08 11.02134	01 34 29.22	+10 22 51.9		046
1987 VB <sub>1</sub>	1995 09 16.93569	23 35 38.73	-08 03 57.1		046	1995 PB	1995 08 13.00792	01 35 14.72	+10 22 32.1		046
1987 VB <sub>1</sub>	1995 09 16.93990	23 35 38.49	-08 03 57.8		046	1995 PB	1995 08 13.01177	01 35 14.76	+10 22 31.5		046
1987 VB <sub>1</sub>	1995 09 17.85293	23 34 47.63	-08 05 18.5	16.8 R	046	1995 PB	1995 08 13.01564	01 35 14.85	+10 22 31.7		046
1987 VB <sub>1</sub>	1995 09 17.85494	23 34 47.52	-08 05 18.6		046	1995 PB	1995 09 05.03975	01 37 41.17	+09 32 50.4	17.8 R	046
1987 VB <sub>1</sub>	1995 09 17.85693	23 34 47.41	-08 05 18.9		046	1995 PB	1995 09 05.04199	01 37 41.12	+09 32 49.7		046
1987 VC <sub>1</sub>	1995 09 05.01361	00 39 20.92	-00 28 51.0	17.0 R	r 046	1995 PB	1995 09 05.04424	01 37 41.14	+09 32 49.4		046
1987 VC <sub>1</sub>	1995 09 05.01617	00 39 20.84	-00 28 51.3		r 046	1995 PB	1995 09 06.98451	01 37 19.68	+09 24 36.1	17.8 R	046
1987 VC <sub>1</sub>	1995 09 05.01749	00 39 20.77	-00 28 51.8		r 046	1995 PB	1995 09 06.98832	01 37 19.62	+09 24 35.1		046
1987 VC <sub>1</sub>	1995 09 06.94416	00 38 08.44	-00 34 31.8	15.7 R	046	1995 PB	1995 09 06.99528	01 37 19.53	+09 24 33.7		046
1987 VC <sub>1</sub>	1995 09 06.94605	00 38 08.34	-00 34 31.7		046	1995 PB	1995 09 18.00303	01 33 38.73	+08 26 22.3	17.6 R	046
1987 VC <sub>1</sub>	1995 09 06.94986	00 38 08.19	-00 34 32.5		046	1995 PB	1995 09 18.00549	01 33 38.65	+08 26 21.1		046
1988 AF <sub>1</sub>	1995 09 18.01747	01 35 21.11	+05 39 03.5	17.6 R	046	1995 PB	1995 09 18.00763	01 33 38.61	+08 26 20.4		046
1988 AF <sub>1</sub>	1995 09 18.01956	01 35 21.07	+05 39 03.0		046	1995 PB	1995 09 19.95377	01 32 42.89	+08 14 07.8	17.6 R	r 046
1988 AF <sub>1</sub>	1995 09 18.02160	01 35 21.01	+05 39 02.8		046	1995 PB	1995 09 19.95580	01 32 42.87	+08 14 06.8		r 046

1995 PB	1995 09 19.95828	01 32 42.79	+08 14 05.6		r	046	1995 SA <sub>2</sub>	1995 09 26.93623	00 28 58.35	+04 19 58.0		046
1995 PB	1995 09 28.99749	01 27 27.25	+07 10 52.6	17.4 R		046	1995 SH <sub>2</sub>	* 1995 09 25.99472	00 29 13.98	+04 14 33.3	18.2 R	046
1995 PB	1995 09 28.99949	01 27 27.16	+07 10 51.5			046	1995 SH <sub>2</sub>	1995 09 25.99741	00 29 13.78	+04 14 33.3		046
1995 PB	1995 09 29.00159	01 27 27.07	+07 10 50.4			046	1995 SH <sub>2</sub>	1995 09 26.00131	00 29 13.62	+04 14 32.0		046
1995 QY <sub>2</sub>	1995 09 16.87551	21 21 38.62	-21 20 56.1	16.4 R		046	1995 SH <sub>2</sub>	1995 09 26.00634	00 29 13.41	+04 14 30.5		046
1995 QY <sub>2</sub>	1995 09 16.87845	21 21 38.50	-21 20 59.3			046	1995 SH <sub>2</sub>	1995 09 26.00964	00 29 13.22	+04 14 30.2		046
1995 QY <sub>2</sub>	1995 09 16.88056	21 21 38.41	-21 21 01.6			046	1995 SH <sub>2</sub>	1995 09 26.90505	00 28 31.96	+04 09 34.9	18.2 R	F 046
1995 SD	* 1995 09 16.99323	23 47 45.62	-08 13 04.9	18.8 R	r	046	1995 SH <sub>2</sub>	1995 09 26.90711	00 28 31.91	+04 09 34.1		F 046
1995 SD	1995 09 16.99598	23 47 45.49	-08 13 06.2		r	046	1995 SH <sub>2</sub>	1995 09 26.90970	00 28 31.60	+04 09 34.9		F 046
1995 SD	1995 09 17.01235	23 47 44.60	-08 13 09.2			046	1995 SH <sub>2</sub>	1995 09 26.91440	00 28 31.53	+04 09 31.4		F 046
1995 SD	1995 09 17.01964	23 47 44.24	-08 13 12.7			046	1995 SH <sub>2</sub>	1995 09 26.91664	00 28 31.44	+04 09 32.4		F 046
1995 SD	1995 09 17.89361	23 46 58.82	-08 16 22.0	19.0 R	r	046	1995 SH <sub>2</sub>	1995 09 26.97222	00 28 28.77	+04 09 14.0		r 046
1995 SD	1995 09 17.89763	23 46 58.58	-08 16 23.1		r	046	1995 SL <sub>3</sub>	* 1995 09 28.89549	00 27 19.39	+04 02 26.1	17.9 R	046
1995 SD	1995 09 17.90186	23 46 58.29	-08 16 23.8		r	046	1995 SL <sub>3</sub>	1995 09 28.90263	00 27 18.96	+04 02 23.7		046
1995 SD	1995 09 17.91376	23 46 57.68	-08 16 26.5		r	046	1995 SL <sub>3</sub>	1995 09 28.90935	00 27 18.63	+04 02 20.8	17.9 R	046
1995 SD	1995 09 17.91600	23 46 57.55	-08 16 26.8		r	046	1995 SL <sub>3</sub>	1995 09 28.91388	00 27 18.32	+04 02 19.3		046
1995 SE	* 1995 09 17.89361	23 46 44.98	-08 14 36.7	18.6 R	r	046	1995 SL <sub>3</sub>	1995 09 28.92100	00 27 17.95	+04 02 16.2		046
1995 SE	1995 09 17.89563	23 46 44.77	-08 14 38.0		r	046	1995 SL <sub>3</sub>	1995 09 28.97836	00 27 14.67	+04 01 55.8		046
1995 SE	1995 09 17.89763	23 46 44.66	-08 14 37.9		r	046	1995 SL <sub>3</sub>	1995 09 29.82251	00 26 28.75	+03 56 47.1	17.7 R	046
1995 SE	1995 09 17.90186	23 46 44.46	-08 14 40.0		r	046	1995 SL <sub>3</sub>	1995 09 29.82870	00 26 28.50	+03 56 45.4		046
1995 SE	1995 09 17.91376	23 46 43.70	-08 14 43.7		r	046	1995 SL <sub>3</sub>	1995 09 29.83609	00 26 28.05	+03 56 41.7		046
1995 SE	1995 09 17.91600	23 46 43.57	-08 14 44.1		r	046	1995 SL <sub>3</sub>	1995 09 29.84376	00 26 27.67	+03 56 39.9		046
1995 SE	1995 09 19.91035	23 44 51.66	-08 26 14.4	18.3 R		046	1995 SN <sub>3</sub>	* 1995 09 29.01015	01 51 29.75	+17 29 31.3	17.4 R	046
1995 SE	1995 09 19.91227	23 44 51.54	-08 26 14.7			046	1995 SN <sub>3</sub>	1995 09 29.01264	01 51 29.59	+17 29 31.8		046
1995 SE	1995 09 19.91419	23 44 51.50	-08 26 16.5			046	1995 SN <sub>3</sub>	1995 09 29.01462	01 51 29.49	+17 29 31.0		046
1995 SE	1995 09 19.91941	23 44 51.09	-08 26 17.9			046	1995 SN <sub>3</sub>	1995 09 29.01813	01 51 29.29	+17 29 30.7		046
1995 SE	1995 09 19.92547	23 44 50.79	-08 26 20.2			046	1995 SN <sub>3</sub>	1995 09 29.02091	01 51 29.15	+17 29 30.6		046
1995 SF	* 1995 09 17.94439	00 07 31.10	+02 33 34.2	18.7 R		046	1995 SN <sub>3</sub>	1995 09 29.89976	01 50 42.53	+17 28 04.7	17.5 R	046
1995 SF	1995 09 17.94648	00 07 31.01	+02 33 33.2			046	1995 SN <sub>3</sub>	1995 09 29.90178	01 50 42.38	+17 28 05.1		046
1995 SF	1995 09 17.94868	00 07 30.88	+02 33 32.4			046	1995 SN <sub>3</sub>	1995 09 29.90394	01 50 42.27	+17 28 04.8		046
1995 SF	1995 09 19.88463	00 05 54.68	+02 20 41.5	18.7 R		046	1995 SN <sub>3</sub>	1995 09 29.91002	01 50 41.92	+17 28 04.1		046
1995 SF	1995 09 19.88662	00 05 54.53	+02 20 40.4			046	1995 SN <sub>3</sub>	1995 09 29.91718	01 50 41.61	+17 28 02.5		046
1995 SF	1995 09 19.88861	00 05 54.43	+02 20 40.0			046	(225)	1995 09 06.92922	23 50 15.22	+12 32 02.1	12.6 R	046
1995 SF	1995 09 19.89598	00 05 54.15	+02 20 36.9			046	(225)	1995 09 06.93124	23 50 15.14	+12 32 00.8		046
1995 SZ <sub>1</sub>	* 1995 09 25.93358	00 37 25.82	+09 39 31.1	17.0 R		046	(225)	1995 09 06.93321	23 50 15.07	+12 31 59.6		046
1995 SZ <sub>1</sub>	1995 09 25.93556	00 37 25.72	+09 39 30.3			046	(433)	1995 09 06.92061	00 12 57.48	+23 47 25.9	11.2 R	046
1995 SZ <sub>1</sub>	1995 09 25.93806	00 37 25.59	+09 39 29.6			046	(433)	1995 09 06.92185	00 12 57.38	+23 47 26.8		046
1995 SZ <sub>1</sub>	1995 09 25.94404	00 37 25.25	+09 39 27.8			046	(433)	1995 09 06.92373	00 12 57.23	+23 47 28.0		046
1995 SZ <sub>1</sub>	1995 09 25.94660	00 37 25.11	+09 39 27.3			046	(862)	1995 09 18.06337	01 01 12.74	+28 31 55.4	14.1 R	046
1995 SZ <sub>1</sub>	1995 09 25.94882	00 37 24.98	+09 39 27.1			046	(862)	1995 09 18.06641	01 01 12.60	+28 31 55.8		046
1995 SZ <sub>1</sub>	1995 09 26.86315	00 36 36.54	+09 35 11.1	17.1 R		046	(862)	1995 09 18.06874	01 01 12.50	+28 31 56.1		046
1995 SZ <sub>1</sub>	1995 09 26.86516	00 36 36.35	+09 35 11.1			046	(862)	1995 09 20.01860	00 59 44.73	+28 35 32.0	14.1 R	046
1995 SZ <sub>1</sub>	1995 09 26.86759	00 36 36.28	+09 35 10.2			046	(862)	1995 09 20.02059	00 59 44.63	+28 35 32.1		046
1995 SZ <sub>1</sub>	1995 09 26.86928	00 36 36.15	+09 35 10.1			046	(862)	1995 09 20.02256	00 59 44.55	+28 35 32.3		046
1995 SZ <sub>1</sub>	1995 09 26.88291	00 36 35.41	+09 35 05.8			046	(1134)	1995 09 07.02043	01 39 04.22	+03 38 23.6	14.7 R	046
1995 SA <sub>2</sub>	* 1995 09 26.02506	00 29 41.15	+04 27 15.4	17.9 R		046	(1134)	1995 09 07.02296	01 39 04.16	+03 38 27.4		046
1995 SA <sub>2</sub>	1995 09 26.02697	00 29 41.05	+04 27 14.9			046	(1134)	1995 09 07.02440	01 39 04.12	+03 38 29.5		046
1995 SA <sub>2</sub>	1995 09 26.02887	00 29 40.89	+04 27 14.4			046	(2118)	1995 09 18.10499	04 51 41.36	+30 15 26.8	16.1 R	046
1995 SA <sub>2</sub>	1995 09 26.14978	00 29 34.97	+04 26 14.5		w	046	(2118)	1995 09 18.10633	04 51 41.48	+30 15 27.4		046
1995 SA <sub>2</sub>	1995 09 26.92667	00 28 58.88	+04 20 02.0	17.7 R		046	(2118)	1995 09 18.10781	04 51 41.60	+30 15 28.0		046
1995 SA <sub>2</sub>	1995 09 26.92883	00 28 58.76	+04 20 01.8			046	(2118)	1995 09 20.07110	04 54 27.67	+30 27 17.0	16.1 R	046
1995 SA <sub>2</sub>	1995 09 26.93122	00 28 58.64	+04 20 00.3			046	(2118)	1995 09 20.07318	04 54 27.84	+30 27 17.7		046

(2118)	1995 09 20.07527	04 54 28.02	+30 27 18.4		046
(2229)	1995 09 18.08802	02 29 46.30	+32 37 35.9	16.8 R	046
(2229)	1995 09 18.09328	02 29 46.20	+32 37 36.6		046
(2229)	1995 09 18.09803	02 29 46.10	+32 37 37.3		046
(2229)	1995 09 20.04650	02 29 07.88	+32 41 04.6	16.6 R	046
(2229)	1995 09 20.04961	02 29 07.83	+32 41 05.0		046
(2229)	1995 09 20.05203	02 29 07.75	+32 41 05.2		046
(2871)	1995 09 18.12395	04 54 21.63	+24 44 53.6	17.2 R	046
(2871)	1995 09 18.12608	04 54 21.77	+24 44 54.1		046
(2871)	1995 09 18.12838	04 54 21.91	+24 44 55.0		046
(2871)	1995 09 20.08113	04 56 33.31	+24 55 14.4	16.9 R	046
(2871)	1995 09 20.08322	04 56 33.44	+24 55 14.9		046
(2871)	1995 09 20.08529	04 56 33.58	+24 55 15.7		046
(3315)	1995 09 18.11383	04 52 01.35	+10 52 19.2	17.5 R	046
(3315)	1995 09 18.11648	04 52 01.43	+10 52 18.8		046
(3315)	1995 09 18.11881	04 52 01.54	+10 52 18.4		046
(3315)	1995 09 20.06021	04 53 04.32	+10 46 25.2	17.9 R	046
(3315)	1995 09 20.06226	04 53 04.39	+10 46 24.4		046
(3315)	1995 09 20.06457	04 53 04.45	+10 46 24.4		046

**104 San Marcello Pistoiese**

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

Observers L. Tesi, A. Boattini

Measurer L. Tesi

0.4-m  $f/5$  reflector + CCD

GSC

1995 OF	1995 09 16.83472	20 18 12.12	-10 20 01.7		104
1995 OF	1995 09 16.85671	20 18 12.37	-10 20 03.2		104
1995 OF	1995 09 16.86875	20 18 12.52	-10 20 04.0		104
1995 OF	1995 09 26.87361	20 21 54.04	-10 28 28.6		104
1995 OF	1995 09 26.88634	20 21 54.52	-10 28 29.5		104
1995 OF	1995 09 26.89792	20 21 54.95	-10 28 30.4		104
1995 OF	1995 09 26.90417	20 21 55.17	-10 28 30.5		104
1995 OG	1995 08 23.80868	20 55 06.30	-15 44 33.7		104
1995 OG	1995 08 23.81753	20 55 05.80	-15 44 32.9		104
1995 OG	1995 08 23.82153	20 55 05.61	-15 44 32.6		104
1995 OG	1995 09 16.88229	20 41 43.35	-15 21 41.2		104
1995 OG	1995 09 16.89583	20 41 43.13	-15 21 39.1		104
1995 OG	1995 09 16.90747	20 41 42.96	-15 21 37.6		104
1995 OG	1995 09 16.92396	20 41 42.71	-15 21 35.2		104
1995 OG	1995 09 26.77789	20 40 23.45	-15 02 29.4		104
1995 OG	1995 09 26.80382	20 40 23.42	-15 02 24.8		104
1995 OG	1995 09 26.82465	20 40 23.40	-15 02 21.5		104
1995 OG	1995 09 27.80625	20 40 23.98	-15 00 06.8		104
1995 OG	1995 09 27.81771	20 40 23.99	-15 00 05.2		104
1995 OG	1995 09 27.82431	20 40 24.00	-15 00 04.5		104
1995 PC	1995 09 26.76574	20 47 28.32	-18 18 23.1		104
1995 PC	1995 09 26.79097	20 47 28.57	-18 18 21.7		104
1995 PC	1995 09 26.81424	20 47 28.80	-18 18 19.6		104
1995 SZ <sub>4</sub>	* 1995 09 26.77789	20 40 00.15	-15 02 54.5	18.5 V	104
1995 SZ <sub>4</sub>	1995 09 26.80382	20 40 00.38	-15 02 56.0		104
1995 SZ <sub>4</sub>	1995 09 26.82465	20 40 00.58	-15 02 57.4		104

1995 SZ <sub>4</sub>	1995 09 26.82986	20 40 00.62	-15 02 57.6		104
1995 SZ <sub>4</sub>	1995 09 27.80625	20 40 11.95	-15 04 07.5		104
1995 SZ <sub>4</sub>	1995 09 27.81771	20 40 12.10	-15 04 08.6		104
1995 SZ <sub>4</sub>	1995 09 27.82431	20 40 12.22	-15 04 09.0		104
1995 SZ <sub>4</sub>	1995 09 27.82986	20 40 12.23	-15 04 09.2		104
1995 SZ <sub>4</sub>	1995 09 30.76007	20 40 56.60	-15 06 55.2		104
1995 SZ <sub>4</sub>	1995 09 30.76667	20 40 56.73	-15 06 55.7		104
1995 SZ <sub>4</sub>	1995 09 30.77361	20 40 56.87	-15 06 56.3		104

**107 Cavezzo**

F. Cadegnan, Osservatorio Astronomico "G. Montanari", Via Concordia 200,  
I-41032 Cavezzo (MO), Italy [astrofil@astbo1.bo.cnr.it]

Observers R. Calanca, R. Bonomi, F. Manenti, M. Fusari, C. Casarini, M. Facchini,  
M. Nicolini, G. Mengoli, F. Cadegnan

0.40-m  $f/5.5$  reflector + CCD

GSC

1995 SG <sub>2</sub>	* 1995 09 23.85240	00 10 26.09	+05 05 59.2	17.2 V	107
1995 SG <sub>2</sub>	1995 09 23.87299	00 10 24.76	+05 05 53.2		107
1995 SG <sub>2</sub>	1995 09 25.78349	00 08 24.43	+04 55 52.8		107
1995 SG <sub>2</sub>	1995 09 25.79383	00 08 23.76	+04 55 49.5		107
1995 SG <sub>2</sub>	1995 09 25.80284	00 08 23.18	+04 55 47.2		107

**108 Montelupo**

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

[iauarcetri.astro.it]

0.3-m  $f/5.7$  Schmidt-Cassegrain + CCD

GSC

1995 LE	1995 09 26.96545	04 28 27.78	+30 32 39.3		108
1995 LE	1995 09 26.97586	04 28 28.14	+30 32 36.9		108
1995 LE	1995 09 26.98825	04 28 28.53	+30 32 35.7		108
1995 LE	1995 09 27.00362	04 28 29.16	+30 32 33.0	18.3 V	108
1995 LE	1995 09 28.00032	04 29 01.93	+30 29 30.0		108
1995 LE	1995 09 28.00799	04 29 02.11	+30 29 27.3		108
1995 LE	1995 09 28.01976	04 29 02.50	+30 29 25.1	18.2 V	108
1995 SD <sub>1</sub>	1995 09 30.93889	00 05 57.29	-07 04 53.3		108
1995 SD <sub>1</sub>	1995 09 30.94369	00 05 58.22	-07 05 05.2		108
1995 SD <sub>1</sub>	1995 09 30.94973	00 05 59.61	-07 05 15.1		108
1995 SD <sub>1</sub>	1995 09 30.95713	00 06 00.79	-07 05 32.1	18.0 V	108
(225)	1995 09 26.85729	23 38 20.21	+08 35 59.8		108
(225)	1995 09 26.86806	23 38 19.84	+08 35 52.5		108
(225)	1995 09 26.91458	23 38 18.19	+08 35 16.4	13.2 V	108
(225)	1995 09 27.87558	23 37 45.40	+08 23 00.3		108
(225)	1995 09 27.89032	23 37 44.96	+08 22 50.7		108
(225)	1995 09 27.89924	23 37 44.67	+08 22 43.4	12.5 V	108
(225)	1995 09 30.92049	23 36 05.51	+07 44 10.8	12.9 V	108
(433)	1995 09 26.84057	23 38 32.68	+25 48 29.9		108
(433)	1995 09 26.84802	23 38 31.74	+25 48 31.1		108
(433)	1995 09 26.86551	23 38 29.57	+25 48 31.8	11.7 V	108
(433)	1995 09 27.86389	23 36 30.94	+25 48 32.0		108
(433)	1995 09 27.88137	23 36 28.82	+25 48 31.9		108
(433)	1995 09 27.88333	23 36 28.56	+25 48 31.8	11.5 V	108
(433)	1995 09 30.91031	23 30 30.04	+25 44 45.6	11.4 V	108
(699)	1995 10 01.00637	04 35 16.54	+30 12 54.0		108



(699)	1995 10 01.01329	04 35 16.59	+30 12 51.4	14.5 V	108
(699)	1995 10 01.07946	04 35 17.93	+30 12 30.4		108
(1134)	1995 09 30.97558	01 16 41.05	+13 15 19.9	14.9 V	108
(1134)	1995 09 30.98617	01 16 40.20	+13 15 32.1		108
(1134)	1995 09 30.99795	01 16 39.15	+13 15 47.9		108
(1717)	1995 10 01.01852	04 25 27.17	+30 03 13.5		108
(1717)	1995 10 01.02060	04 25 27.42	+30 03 14.1		108
(1717)	1995 10 01.08669	04 25 29.75	+30 03 40.4	16.2 V	108
(3581)	1995 09 27.01545	04 54 40.12	+14 36 34.4		108
(3581)	1995 09 27.02159	04 54 40.35	+14 36 29.8		108
(3581)	1995 09 27.02597	04 54 40.39	+14 36 24.0		108
(3581)	1995 09 27.03466	04 54 40.52	+14 36 17.8	16.3 V	108
(6487)	1995 09 10.91946	21 15 46.11	+08 36 31.3		108
(6487)	1995 09 10.92535	21 15 46.14	+08 36 22.9		108
(6487)	1995 09 10.93376	21 15 46.17	+08 36 10.7	15.2 V	108
(6487)	1995 09 12.82734	21 15 57.84	+07 47 22.0		108
(6487)	1995 09 12.83727	21 15 57.90	+07 47 05.6	15.3 V	108
(6487)	1995 09 26.82477	21 20 43.82	+02 13 23.9		108
(6487)	1995 09 26.82986	21 20 44.05	+02 13 16.9		108
(6487)	1995 09 26.89339	21 20 46.07	+02 11 54.6	15.8 V	108
(6487)	1995 09 27.82222	21 21 17.86	+01 51 59.2		108
(6487)	1995 09 27.83712	21 21 18.26	+01 51 42.0		108
(6487)	1995 09 27.84935	21 21 18.68	+01 51 25.1	15.8 V	108

**112 Pleiade Observatory, Verona**

P. Antolini, Via Bertoldi 84, I-37026 Settimo di Pescantina, Verona, Italy

Observers G. Pinazzi, I. Dal Prete, P. Antolini, F. Castellani

0.60-m  $f/3.0$  reflector + CCD

GSC

1995 RL	* 1995 09 15.87331	22 40 14.47	-09 15 37.6		112
1995 RL	1995 09 15.90028	22 40 13.41	-09 15 47.5		112
1995 RL	1995 09 15.93301	22 40 12.28	-09 15 58.7		112
1995 RL	1995 09 17.94388	22 39 03.09	-09 27 54.7	18.5 V	112
1995 RL	1995 09 17.95514	22 39 02.77	-09 27 57.4		112
1995 RL	1995 09 17.96039	22 39 02.52	-09 27 59.9	18.5 V	112
1995 RL	1995 09 17.97077	22 39 02.07	-09 28 02.6		112
1995 RM	* 1995 09 15.91744	22 40 56.22	-09 18 56.0	17.9 V	112
1995 RM	1995 09 15.93545	22 40 55.65	-09 19 01.3	18.0 V	112
1995 RM	1995 09 15.94660	22 40 54.94	-09 19 04.7		112
1995 RM	1995 09 15.96787	22 40 54.00	-09 19 12.6		112
1995 RM	1995 09 17.94388	22 39 27.29	-09 28 57.5	17.9 V	112
1995 RM	1995 09 17.96039	22 39 26.55	-09 29 03.5		112

**118 Modra**

Š. Gajdoš, Astronomy and Astrophysics, Faculty of Mathematics and Physics,

Comenius University, SK-84215 Bratislava, Slovakia [gajdos@fmph.uniba.sk]

Observers P. Kolény, A. Galád, L. Kornoš, A. Pravda

0.6-m  $f/5.5$  reflector + CCD

1994 TF <sub>2</sub>	1995 09 16.92380	01 35 37.27	+00 38 16.8	17.5 R	118
1994 TF <sub>2</sub>	1995 09 16.93190	01 35 36.75	+00 37 36.7		118
1995 QD <sub>2</sub>	1995 08 26.89368	01 14 33.89	+14 24 21.2	18.1 R	r 118
1995 QD <sub>2</sub>	1995 08 26.92727	01 14 33.99	+14 24 29.9		r 118
1995 QD <sub>2</sub>	1995 09 04.88876	01 13 49.57	+14 52 16.2		118

1995 QD <sub>2</sub>	1995 09 04.93670	01 13 48.77	+14 52 22.9		118
1995 QD <sub>2</sub>	1995 09 06.87063	01 13 17.42	+14 55 59.5		118
1995 QD <sub>2</sub>	1995 09 06.91274	01 13 16.62	+14 56 04.0		118
1995 QD <sub>2</sub>	1995 09 07.92792	01 12 56.91	+14 57 35.6		118
1995 QD <sub>2</sub>	1995 09 16.94479	01 08 33.16	+15 00 03.1	17.1 R	118
1995 QD <sub>2</sub>	1995 09 16.95513	01 08 32.73	+15 00 02.6		118
1995 QD <sub>2</sub>	1995 09 17.02362	01 08 29.97	+14 59 59.0		118
1995 QD <sub>2</sub>	1995 09 18.98161	01 07 12.49	+14 57 44.6	16.9 R	118
1995 QD <sub>2</sub>	1995 09 24.95792	01 02 37.68	+14 44 48.8		r 118
1995 QY <sub>2</sub>	1995 09 16.79108	21 21 41.87	-21 19 22.7		118
1995 RC	* 1995 09 07.05519	01 09 26.93	+13 12 51.9	16.0 R	118
1995 RC	1995 09 07.99593	01 09 07.55	+13 17 02.0		118
1995 RC	1995 09 09.84392	01 08 24.01	+13 24 39.9		r 118
1995 RC	1995 09 10.01840	01 08 19.13	+13 25 22.6	15.4 R	118
1995 RC	1995 09 10.85074	01 07 57.11	+13 28 33.2	16.5 R	118
1995 RC	1995 09 10.87292	01 07 56.47	+13 28 37.6		118
1995 RC	1995 09 14.01684	01 06 18.24	+13 39 18.4		r 118
1995 RC	1995 09 19.00984	01 03 02.63	+13 51 43.3	15.6 R	118
1995 RC	1995 09 24.98096	00 58 11.69	+13 59 03.2	15.8 R	118
1995 SN <sub>1</sub>	* 1995 09 18.83028	22 39 10.98	+02 28 18.1		118
1995 SN <sub>1</sub>	1995 09 18.84407	22 39 10.54	+02 28 08.3		118
1995 SN <sub>1</sub>	1995 09 18.85821	22 39 10.09	+02 27 58.8	19.5 R	118
1995 SN <sub>1</sub>	1995 09 24.92494	22 36 47.83	+01 18 39.7		118
1995 SN <sub>1</sub>	1995 09 24.93160	22 36 47.79	+01 18 35.3		118
1995 SN <sub>1</sub>	1995 09 25.89103	22 36 31.09	+01 07 54.2		r 118
1995 SN <sub>1</sub>	1995 09 25.89845	22 36 30.95	+01 07 47.7		r 118
1995 SN <sub>1</sub>	1995 09 25.93521	22 36 30.24	+01 07 24.9	19.1 R	r 118
1995 SN <sub>1</sub>	1995 09 26.83855	22 36 16.29	+00 57 31.2	19.7 R	r 118
1995 SN <sub>1</sub>	1995 09 26.84479	22 36 16.12	+00 57 25.9	19.7 R	r 118
1995 SN <sub>1</sub>	1995 09 26.86632	22 36 15.76	+00 57 11.9		r 118
(5143)	1995 09 18.92168	23 02 56.87	+03 12 56.3	18.1 R	118
(6491)	1995 09 18.85821	22 39 04.39	+02 29 15.7	18.6 R	118

**120 Višnja**

K. Korlević, Istarska 5, HR-51463 Višnja, Croatia [kkorlevic@x400.srce.hr]

0.41-m reflector + CCD

GSC

(862)	1995 09 17.88312	01 01 20.90	+28 31 32.3		120
(862)	1995 09 18.91537	01 00 35.15	+28 33 37.2		120

**292 Burlington**

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

0.20-m  $f/6.3$  Schmidt-Cassegrain + CCD

GSC

1981 UM <sub>11</sub>	1995 08 14.14304	21 48 38.36	-09 26 38.5		292
1981 UM <sub>11</sub>	1995 08 14.15564	21 48 37.51	-09 26 45.3		292
1985 RP <sub>1</sub>	1995 07 20.31069	19 49 36.12	-10 54 26.9		292
1990 MC	1995 07 20.26528	19 03 14.21	+04 17 03.9		292
1990 MC	1995 07 20.28074	19 03 13.76	+04 16 58.3		292
1990 MC	1995 07 31.10877	18 57 42.58	+03 09 23.4		292
1990 MC	1995 07 31.14330	18 57 41.70	+03 09 07.2		292
1991 EN	1995 08 14.09730	21 21 11.87	-01 09 01.4		292
1991 EN	1995 08 14.11571	21 21 11.14	-01 09 04.8		292

1992 BN	1994 07 17.14372	18 59 01.27	-18 26 59.5	292
1992 BN	1994 07 17.15773	18 59 00.57	-18 27 03.0	292
1992 SQ	1995 08 14.17432	21 51 04.48	-07 38 10.7	292
1992 SQ	1995 08 14.18553	21 51 03.68	-07 38 13.0	292

**323 Perth**

J. Biggs, Perth Observatory, Bickley, WA 6076, Australia

[rbiggsjd@cc.curtin.edu.au]

Observers G. Lowe, T. Smith

0.3-m astrograph

1995 LH	1995 07 23.57049	21 12 04.49	-46 04 14.6	323
(1024)	1995 07 23.62431	17 06 47.48	-36 08 10.3	323
(1246)	1995 05 26.53264	12 41 45.97	-27 46 52.3	323
(1246)	1995 05 30.48750	12 40 54.68	-27 14 48.6	323
(1436)	1995 05 05.68542	17 38 21.52	-26 17 31.6	323
(1436)	1995 06 22.66875	17 03 30.42	-22 30 40.6	323
(1436)	1995 06 27.62708	16 59 44.54	-22 03 52.1	323
(2333)	1995 05 26.59028	14 10 45.69	-15 21 28.8	323
(2333)	1995 05 30.56181	14 08 14.80	-15 25 11.0	323
(3142)	1995 05 31.60278	15 54 33.92	-43 02 44.5	323
(3974)	1995 05 26.65000	16 19 13.93	-38 03 15.4	323
(3974)	1995 05 30.63542	16 14 23.68	-38 09 56.7	323

**358 Nanyou**

T. Okuni, 158-28, Sangen-dori, Nanyou, Yamagata-Ken 999-22, Japan

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

GSC

1995 QX <sub>2</sub>	1995 09 01.55779	22 52 04.92	+02 39 27.8	17.5 V	358
1995 QX <sub>2</sub>	1995 09 01.59250	22 52 03.35	+02 39 26.8		358
1995 QX <sub>2</sub>	1995 09 03.64373	22 50 20.82	+02 36 10.4	17.5 V	358
1995 QX <sub>2</sub>	1995 09 03.68248	22 50 18.88	+02 36 08.9		358
1995 QX <sub>2</sub>	1995 09 04.71781	22 49 26.96	+02 34 18.1	17.4 V	358
1995 QX <sub>2</sub>	1995 09 04.73691	22 49 25.95	+02 34 17.8		358
1995 QX <sub>2</sub>	1995 09 11.66078	22 43 42.83	+02 19 44.3	17.6 V	358
1995 QX <sub>2</sub>	1995 09 11.67248	22 43 42.27	+02 19 43.5		358
1995 QX <sub>2</sub>	1995 09 12.58718	22 42 58.11	+02 17 33.5	17.9 V	358
1995 QX <sub>2</sub>	1995 09 12.60676	22 42 57.11	+02 17 30.5		358
1995 QX <sub>2</sub>	1995 09 17.50471	22 39 07.46	+02 04 59.6	17.9 V	358
1995 QX <sub>2</sub>	1995 09 17.52827	22 39 06.25	+02 04 56.2		358
1995 QX <sub>3</sub>	* 1995 08 28.64917	22 54 50.75	+02 06 19.5	17.3 V	358
1995 QX <sub>3</sub>	1995 08 28.68240	22 54 49.59	+02 06 09.5		358
1995 QX <sub>3</sub>	1995 08 29.57545	22 54 12.30	+02 00 32.8	18.3 V	358
1995 QX <sub>3</sub>	1995 08 29.61169	22 54 10.56	+02 00 20.6		358
1995 QX <sub>3</sub>	1995 09 01.55502	22 52 05.73	+01 41 19.0	17.8 V	358
1995 QX <sub>3</sub>	1995 09 01.59527	22 52 04.21	+01 41 02.6		358
1995 QX <sub>3</sub>	1995 09 03.63850	22 50 36.57	+01 27 22.3	17.8 V	358
1995 QX <sub>3</sub>	1995 09 03.67829	22 50 34.83	+01 27 06.2		358
1995 QX <sub>3</sub>	1995 09 17.59087	22 40 59.37	-00 12 14.4	18.7 V	358
1995 QX <sub>3</sub>	1995 09 17.62304	22 40 58.22	-00 12 30.2		358
1995 QX <sub>3</sub>	1995 09 20.53938	22 39 08.74	-00 33 41.9	17.9 V	358
1995 QX <sub>3</sub>	1995 09 20.55318	22 39 07.85	-00 33 47.8		358
1995 QY <sub>3</sub>	* 1995 08 28.66725	22 54 33.00	+02 12 07.7	18.1 V	358
1995 QY <sub>3</sub>	1995 08 28.68376	22 54 32.37	+02 12 03.7		358

1995 QY <sub>3</sub>	1995 08 29.57719	22 53 45.57	+02 07 19.3	18.1 V	358
1995 QY <sub>3</sub>	1995 08 29.61307	22 53 43.57	+02 07 10.3		358
1995 QY <sub>3</sub>	1995 09 01.56333	22 51 08.19	+01 50 47.9	17.1 V	358
1995 QY <sub>3</sub>	1995 09 01.59527	22 51 06.35	+01 50 35.4		358
1995 QY <sub>3</sub>	1995 09 03.63850	22 49 18.19	+01 38 39.8	17.7 V	358
1995 QY <sub>3</sub>	1995 09 03.67829	22 49 16.00	+01 38 29.9		358
1995 QY <sub>3</sub>	1995 09 17.55399	22 37 40.35	+00 09 57.5	18.3 V	358
1995 QY <sub>3</sub>	1995 09 17.57117	22 37 39.57	+00 09 51.5		358
1995 QY <sub>3</sub>	1995 09 21.56002	22 34 46.75	-00 16 10.2	17.6 V	358
1995 QY <sub>3</sub>	1995 09 21.58213	22 34 45.98	-00 16 16.2		358
1995 QT <sub>9</sub>	* 1995 08 18.61991	22 57 59.66	+03 45 56.1	17.1 V	358
1995 QT <sub>9</sub>	1995 08 18.66968	22 57 57.45	+03 45 52.1		358
1995 QT <sub>9</sub>	1995 08 22.63177	22 55 03.64	+03 43 36.0	16.9 V	358
1995 QT <sub>9</sub>	1995 08 22.66250	22 55 02.22	+03 43 31.2		358
1995 RE	* 1995 09 03.64373	22 50 43.59	+02 40 16.3	16.6 V	358
1995 RE	1995 09 03.68248	22 50 41.42	+02 40 11.0		358
1995 RE	1995 09 04.71047	22 49 44.79	+02 37 25.4	16.9 V	358
1995 RE	1995 09 04.73691	22 49 43.28	+02 37 21.4		358
1995 RE	1995 09 11.66078	22 43 24.88	+02 15 02.7	16.5 V	358
1995 RE	1995 09 11.67248	22 43 24.19	+02 15 00.4		358
1995 RE	1995 09 12.58542	22 42 35.72	+02 11 38.8	16.6 V	358
1995 RE	1995 09 12.60509	22 42 34.60	+02 11 33.2		358
1995 RE	1995 09 17.50471	22 38 23.21	+01 52 22.0	16.8 V	358
1995 RE	1995 09 17.52827	22 38 21.91	+01 52 16.7		358
1995 SZ <sub>3</sub>	* 1995 09 22.69437	01 17 03.98	+11 26 09.9	15.3 V	358
1995 SZ <sub>3</sub>	1995 09 22.71080	01 17 03.50	+11 26 01.2		358
1995 SZ <sub>3</sub>	1995 09 26.66954	01 15 20.69	+10 51 33.4	15.4 V	358
1995 SZ <sub>3</sub>	1995 09 26.68935	01 15 20.13	+10 51 22.4		358

**360 Kuma Kogen Astronomical Observatory**

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

Japan [gcc00404@niftyserve.or.jp]

0.60-m *f*/6.0 Ritchey-Chretien + CCD

GSC

1994 AE <sub>2</sub>	1995 09 18.64410	00 18 09.99	-12 30 29.9	18.1 V	360
1994 AE <sub>2</sub>	1995 09 18.65139	00 18 09.57	-12 30 32.5		360
1994 AE <sub>2</sub>	1995 09 18.65660	00 18 09.29	-12 30 34.6		360
1994 JT	1995 09 05.71337	00 29 05.91	+01 18 47.7	18.8 V	360
1994 JT	1995 09 05.71823	00 29 05.71	+01 18 45.4		360
1994 JT	1995 09 05.72361	00 29 05.54	+01 18 42.6		360
1994 JT	1995 09 18.62639	00 19 37.81	-00 37 01.5	18.4 V	360
1994 JT	1995 09 18.63038	00 19 37.62	-00 37 03.7		360
1994 JT	1995 09 24.58854	00 14 32.65	-01 34 20.0		360
1994 JT	1995 09 24.60226	00 14 31.92	-01 34 28.0		360
1994 TF <sub>2</sub>	1995 09 18.66458	01 33 56.44	-01 48 14.4	17.8 V	t 360
1994 TF <sub>2</sub>	1995 09 18.66719	01 33 56.25	-01 48 27.2		t 360
1994 TF <sub>2</sub>	1995 09 18.67014	01 33 56.04	-01 48 42.6		t 360
1995 LE	1995 09 20.77361	04 23 18.18	+30 46 47.5	18.1 V	360
1995 LE	1995 09 20.77674	04 23 18.34	+30 46 47.3		360
1995 LE	1995 09 20.78003	04 23 18.56	+30 46 47.1		360
1995 LH	1995 09 26.47569	21 20 54.00	-37 50 46.1		S 360
1995 LH	1995 09 26.47882	21 20 54.18	-37 50 42.1		S 360
1995 LH	1995 09 26.48177	21 20 54.35	-37 50 38.6		S 360

1995 OX	1995 09 18.53524	20 45 20.62	+01 50 22.5	19.5 V	360
1995 OX	1995 09 18.54028	20 45 20.52	+01 50 22.1		360
1995 OX	1995 09 18.54462	20 45 20.43	+01 50 21.0		360
1995 OX	1995 09 24.51389	20 43 58.88	+01 33 58.5		360
1995 OX	1995 09 24.52483	20 43 58.76	+01 33 56.3		360
1995 QY <sub>2</sub>	1995 09 18.55122	21 20 40.83	-21 51 25.6	15.7 V	360
1995 QY <sub>2</sub>	1995 09 18.55399	21 20 40.74	-21 51 28.7		360
1995 QY <sub>2</sub>	1995 09 18.55712	21 20 40.62	-21 51 32.1		360
1995 QL <sub>4</sub>	1995 09 18.61007	00 51 52.99	+11 56 57.5	19.2 V	360
1995 QL <sub>4</sub>	1995 09 18.61753	00 51 52.70	+11 56 58.6		360
1995 QL <sub>4</sub>	1995 09 18.63681	00 51 52.02	+11 57 01.7		360
1995 QL <sub>4</sub>	1995 09 19.56632	00 51 22.16	+11 59 08.1		b 360
1995 QL <sub>4</sub>	1995 09 19.57396	00 51 21.92	+11 59 09.3		b 360
1995 QL <sub>4</sub>	1995 09 19.58194	00 51 21.66	+11 59 10.0		b 360
1995 QL <sub>4</sub>	1995 09 20.70556	00 50 43.07	+12 01 28.8	19.3 V	360
1995 QL <sub>4</sub>	1995 09 20.71771	00 50 42.61	+12 01 30.2		360
1995 SN <sub>1</sub>	1995 09 26.49010	22 36 21.63	+01 01 22.4		S 360
1995 SN <sub>1</sub>	1995 09 26.49358	22 36 21.61	+01 01 19.6		S 360
1995 SN <sub>1</sub>	1995 09 26.50260	22 36 21.45	+01 01 13.1		S 360
1995 SO <sub>2</sub>	* 1995 09 18.61007	00 51 58.83	+11 58 36.6	18.1 V	360
1995 SO <sub>2</sub>	1995 09 18.61753	00 51 58.48	+11 58 33.8		360
1995 SO <sub>2</sub>	1995 09 18.63681	00 51 57.62	+11 58 27.3		360
1995 SO <sub>2</sub>	1995 09 19.56632	00 51 18.50	+11 52 55.6		b 360
1995 SO <sub>2</sub>	1995 09 19.57396	00 51 18.16	+11 52 53.3		b 360
1995 SO <sub>2</sub>	1995 09 19.58194	00 51 17.81	+11 52 49.8		b 360
1995 SO <sub>2</sub>	1995 09 20.72726	00 50 27.76	+11 45 46.4	18.0 V	360
1995 SO <sub>2</sub>	1995 09 20.73125	00 50 27.57	+11 45 45.1		360
1995 SP <sub>2</sub>	* 1995 09 20.68993	01 53 20.16	-02 42 48.5	17.9 V	360
1995 SP <sub>2</sub>	1995 09 20.69358	01 53 20.03	-02 42 49.7		360
1995 SP <sub>2</sub>	1995 09 20.75590	01 53 17.88	-02 43 06.6		360
1995 SP <sub>2</sub>	1995 09 24.57396	01 51 02.55	-03 00 40.3		360
1995 SP <sub>2</sub>	1995 09 24.58160	01 51 02.22	-03 00 42.7		360
1995 SP <sub>2</sub>	1995 09 24.63229	01 51 00.14	-03 00 56.8		360

**365 Uto Observatory**

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

[nag01736@niftyserve.or.jp]

0.20-m *f*/4.0 reflector

PPM

1995 QX	1995 09 01.73403	23 01 21.63	+03 16 13.2	15.6	S 365
1995 QX	1995 09 23.63542	22 49 02.43	-02 57 58.1	16.8	365
1995 QX	1995 09 23.64514	22 49 02.36	-02 58 07.2	16.5	365
1995 QX	1995 09 23.67973	22 49 01.32	-02 58 43.8	16.3	365
1995 QX	1995 09 26.57272	22 47 47.85	-03 44 51.4	17.5	365
1995 QX	1995 09 26.60278	22 47 47.05	-03 45 22.9	17.4	365

**367 Yatsuka**

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

0.26-m *f*/4.8 reflector + CCD

GSC

1995 QY <sub>2</sub>	1995 09 08.70844	21 27 30.38	-18 43 11.9	15.5 V	367
1995 QY <sub>2</sub>	1995 09 08.71368	21 27 30.16	-18 43 17.7		367

**385 Nihondaira Observatory Oohira station**

T. Urata, Shiinoki House 203, 28-6, Chuo 3 Chome, Nakano-Ku, Tokyo 164, Japan

0.31-m *f*/4.7 reflector + CCD

GSC

1993 JG	1993 05 27.58248	14 18 12.30	-11 08 31.7		385
1993 JG	1993 05 27.59005	14 18 11.87	-11 08 32.0		385

**399 Kushiro**

H. Kaneda, Taiyo MS 2-H, 2-15, Kawazoe 8 Jo 2 Chime, Minami-Ku, Sapporo 005, Japan

Japan

Observer S. Ueda

Measurer H. Kaneda

0.25-m *f*/3.4 hyperboloid astrocamera

GSC

1978 SB <sub>8</sub>	1995 09 20.58181	23 53 26.94	-04 35 33.0	16.5	399
1978 SB <sub>8</sub>	1995 09 20.59500	23 53 26.17	-04 35 34.0		399
1978 SB <sub>8</sub>	1995 09 21.55764	23 52 28.81	-04 36 42.0	16	399
1978 SB <sub>8</sub>	1995 09 21.57199	23 52 27.93	-04 36 43.3		399
1981 EZ <sub>22</sub>	1995 09 20.65796	00 03 08.15	+00 40 22.1	16.5	399
1981 EZ <sub>22</sub>	1995 09 20.67255	00 03 07.25	+00 40 18.4		399
1981 EZ <sub>22</sub>	1995 09 21.63403	00 02 11.85	+00 36 42.8	16.5	399
1981 EZ <sub>22</sub>	1995 09 21.64844	00 02 10.99	+00 36 39.3		399
1982 SJ <sub>7</sub>	1995 09 21.66777	00 14 23.33	+00 37 45.3	16	399
1982 SJ <sub>7</sub>	1995 09 21.68241	00 14 22.67	+00 37 35.2		399
1985 JG <sub>2</sub>	1994 10 01.61111	00 37 53.31	-00 18 16.9	16.5	399
1985 JG <sub>2</sub>	1994 10 01.64479	00 37 51.43	-00 18 25.0		399
1988 TG <sub>5</sub>	1988 09 22.73495	01 17 32.89	+10 59 44.9	16.5	399
1988 TG <sub>5</sub>	1988 09 22.74954	01 17 32.18	+10 59 38.8		399
1988 TG <sub>5</sub>	* 1988 10 03.53021	01 09 47.39	+09 48 14.3	16.2	399
1988 TG <sub>5</sub>	1988 10 03.54485	01 09 46.72	+09 48 08.0		399
1988 TG <sub>5</sub>	1988 10 05.52616	01 08 09.48	+09 33 03.1	16	399
1988 TG <sub>5</sub>	1988 10 08.57037	01 05 36.94	+09 09 07.1	16.2	399
1990 UT <sub>10</sub>	1995 09 20.65796	00 10 54.70	+00 17 56.1	16.8	399
1990 UT <sub>10</sub>	1995 09 20.67255	00 10 53.98	-00 18 00.0		399
1990 UT <sub>10</sub>	1995 09 21.63403	00 10 10.85	-00 23 12.2	16.5	399
1990 UT <sub>10</sub>	1995 09 21.64844	00 10 10.18	-00 23 17.0		399
1993 BQ <sub>2</sub>	1993 01 22.61047	08 36 57.66	+25 12 29.9	16.2	399
1993 BQ <sub>2</sub>	1993 01 22.62494	08 36 56.62	+25 12 33.7		399
1995 FD <sub>1</sub>	1995 03 31.68264	12 18 44.19	-03 21 11.7	17	399
1995 FD <sub>1</sub>	1995 03 31.69670	12 18 43.49	-03 21 09.2		399
1995 FG <sub>1</sub>	1995 03 31.68264	12 29 54.70	-04 39 53.0	17	399
1995 FG <sub>1</sub>	1995 03 31.69670	12 29 53.99	-04 39 48.0		399
1995 QH	1995 09 21.47951	22 27 51.96	-01 08 26.7	17	399
1995 QH	1995 09 21.49375	22 27 51.36	-01 08 32.8		399
1995 RE	1995 09 21.47951	22 35 15.92	+01 35 49.1	16.5	399
1995 RE	1995 09 21.49375	22 35 15.30	+01 35 45.6		399
1995 SS <sub>2</sub>	* 1995 09 20.58181	23 43 29.72	-04 05 53.8	16	399
1995 SS <sub>2</sub>	1995 09 20.59500	23 43 28.95	-04 05 54.3		399
1995 SS <sub>2</sub>	1995 09 21.55764	23 42 28.14	-04 05 55.6	16	399
1995 SS <sub>2</sub>	1995 09 21.57199	23 42 27.15	-04 05 57.0		399
1995 ST <sub>2</sub>	* 1995 09 20.58181	23 44 43.41	-04 32 12.9	17	399
1995 ST <sub>2</sub>	1995 09 20.59500	23 44 42.61	-04 32 11.9		399

1995 ST <sub>2</sub>	1995 09 21.55764	23 43 33.07	-04 28 59.4	16.8	399	1995 SG <sub>3</sub>	1995 09 20.67255	23 59 20.86	+00 49 40.1		399
1995 ST <sub>2</sub>	1995 09 21.57199	23 43 32.16	-04 28 55.9		399	1995 SG <sub>3</sub>	1995 09 21.63403	23 58 22.41	+00 47 42.5	16.5	399
1995 SU <sub>2</sub>	* 1995 09 20.58181	23 47 16.93	-03 36 27.7	16.5	399	1995 SG <sub>3</sub>	1995 09 21.64844	23 58 21.65	+00 47 41.5		399
1995 SU <sub>2</sub>	1995 09 20.59500	23 47 16.32	-03 36 33.9		399	1995 SH <sub>3</sub>	* 1995 09 20.65796	23 59 54.29	+00 58 40.2	16.5	399
1995 SU <sub>2</sub>	1995 09 21.55764	23 46 24.73	-03 45 01.9	16.2	399	1995 SH <sub>3</sub>	1995 09 20.67255	23 59 53.59	+00 58 32.4		399
1995 SU <sub>2</sub>	1995 09 21.57199	23 46 23.90	-03 45 08.3		399	1995 SH <sub>3</sub>	1995 09 21.63403	23 59 11.55	+00 47 57.6	16.3	399
1995 SV <sub>2</sub>	* 1995 09 20.58181	23 52 10.00	-04 34 14.8	17	399	1995 SH <sub>3</sub>	1995 09 21.64844	23 59 10.87	+00 47 47.2		399
1995 SV <sub>2</sub>	1995 09 20.59500	23 52 09.15	-04 34 18.0		399	1995 SX <sub>4</sub>	* 1995 09 21.47951	22 34 40.03	+00 56 41.4	15.7	399
1995 SV <sub>2</sub>	1995 09 21.55764	23 51 15.37	-04 39 04.6	17	399	1995 SX <sub>4</sub>	1995 09 21.49375	22 34 39.19	+00 56 38.3		399
1995 SV <sub>2</sub>	1995 09 21.57199	23 51 14.46	-04 39 09.6		399	1995 SX <sub>4</sub>	1995 09 28.56875	22 29 34.96	+00 36 49.7	16	399
1995 SW <sub>2</sub>	* 1995 09 20.58181	23 53 02.85	-03 46 09.1	16.7	399	1995 SX <sub>4</sub>	1995 09 28.58628	22 29 34.26	+00 36 46.3		399
1995 SW <sub>2</sub>	1995 09 20.59500	23 53 02.28	-03 46 17.1		399	2645 P-L	1995 09 20.58181	23 53 23.01	-04 48 26.3	16.7	399
1995 SW <sub>2</sub>	1995 09 21.55764	23 52 20.15	-03 56 13.8	16.7	399	2645 P-L	1995 09 20.59500	23 53 22.16	-04 48 30.6		399
1995 SW <sub>2</sub>	1995 09 21.57199	23 52 19.47	-03 56 23.6		399	2645 P-L	1995 09 21.55764	23 52 25.01	-04 54 57.2	17	399
1995 SX <sub>2</sub>	* 1995 09 20.58181	23 53 06.13	-06 11 22.6	16.5	399	2645 P-L	1995 09 21.57199	23 52 24.17	-04 55 02.5		399
1995 SX <sub>2</sub>	1995 09 20.59500	23 53 05.43	-06 11 27.1		399						
1995 SX <sub>2</sub>	1995 09 21.55764	23 52 12.99	-06 14 44.4	16.3	399	<b>400 Kitami</b>					
1995 SX <sub>2</sub>	1995 09 21.57199	23 52 12.14	-06 14 49.7		399	K. Watanabe, 3-8 B-203, Atsubetsu Cyuo 3 Jo 4 Chome, Atsubetsu-ku, Sapporo					
1995 SY <sub>2</sub>	* 1995 09 20.58181	23 53 40.56	-02 20 47.1	16.3	399	004, Japan					
1995 SY <sub>2</sub>	1995 09 20.59500	23 53 39.86	-02 20 51.9		399	Observer K. Endate					
1995 SY <sub>2</sub>	1995 09 21.55764	23 52 47.62	-02 26 32.2	16.3	399	Measurer K. Watanabe					
1995 SY <sub>2</sub>	1995 09 21.57199	23 52 46.89	-02 26 36.7		399	0.25-m <i>f</i> /4.8 hyperboloid astrocamera + CCD					
1995 SZ <sub>2</sub>	* 1995 09 20.58181	23 55 21.80	-04 15 34.4	16.5	399	GSC					
1995 SZ <sub>2</sub>	1995 09 20.59500	23 55 20.93	-04 15 37.0		399	1988 PO <sub>2</sub>	1995 09 03.53056	23 06 35.49	-08 18 24.6	17.3 V	400
1995 SZ <sub>2</sub>	1995 09 21.55764	23 54 25.58	-04 18 53.9	16.5	399	1988 PO <sub>2</sub>	1995 09 03.55347	23 06 34.41	-08 18 37.7		400
1995 SZ <sub>2</sub>	1995 09 21.57199	23 54 24.81	-04 18 56.9		399	1988 XZ	1995 09 20.57763	00 53 55.47	+13 12 24.3	17.1 V	400
1995 SA <sub>3</sub>	* 1995 09 20.62208	21 34 04.06	+00 07 29.3	16	399	1988 XZ	1995 09 20.59604	00 53 54.55	+13 12 18.5		400
1995 SA <sub>3</sub>	1995 09 20.64049	21 34 03.74	+00 07 24.0		399	1988 XZ	1995 09 21.59706	00 53 07.09	+13 07 38.6	17.2 V	400
1995 SA <sub>3</sub>	1995 09 21.46042	21 33 56.06	+00 02 47.9	16	399	1988 XZ	1995 09 21.62090	00 53 06.01	+13 07 32.0		400
1995 SA <sub>3</sub>	1995 09 28.51840	21 33 50.14	-00 34 59.1	16	399	1990 SM <sub>9</sub>	1995 09 20.61250	00 41 04.50	-00 51 00.5	16.5	400
1995 SA <sub>3</sub>	1995 09 28.53264	21 33 50.19	-00 35 02.4		399	1990 SM <sub>9</sub>	1995 09 20.62986	00 41 03.70	-00 51 06.2		400
1995 SB <sub>3</sub>	* 1995 09 20.65796	00 00 09.04	+01 30 59.2	16.7	399	1990 SM <sub>9</sub>	1995 09 21.61111	00 40 20.97	-00 56 25.3	16.8	400
1995 SB <sub>3</sub>	1995 09 20.67255	00 00 08.12	+01 30 53.6		399	1990 SM <sub>9</sub>	1995 09 21.62708	00 40 20.11	-00 56 30.0		400
1995 SB <sub>3</sub>	1995 09 21.63403	23 59 23.46	+01 26 01.6	17	399	1991 LF <sub>1</sub>	1995 09 20.61250	00 51 27.12	-04 50 31.7	16.0	400
1995 SB <sub>3</sub>	1995 09 21.64844	23 59 22.74	+01 25 58.6		399	1991 LF <sub>1</sub>	1995 09 20.62986	00 51 26.34	-04 50 38.3		400
1995 SC <sub>3</sub>	* 1995 09 20.65796	00 05 28.99	+00 29 53.5	16.3	399	1991 LF <sub>1</sub>	1995 09 21.61111	00 50 40.81	-04 56 13.6	15.8	400
1995 SC <sub>3</sub>	1995 09 20.67255	00 05 28.06	+00 29 52.2		399	1991 LF <sub>1</sub>	1995 09 21.62708	00 50 39.94	-04 56 20.1		400
1995 SC <sub>3</sub>	1995 09 21.63403	00 04 34.74	+00 29 35.9	16	399	1991 RP <sub>1</sub>	1995 09 20.53958	00 08 40.97	+07 20 08.0	16.5	400
1995 SC <sub>3</sub>	1995 09 21.64844	00 04 33.82	+00 29 36.3		399	1991 RP <sub>1</sub>	1995 09 20.55694	00 08 39.78	+07 20 10.5		400
1995 SD <sub>3</sub>	* 1995 09 20.65796	00 05 38.41	+01 24 43.8	16.5	399	1991 RP <sub>1</sub>	1995 09 21.50556	00 07 34.64	+07 22 01.0	16.5	400
1995 SD <sub>3</sub>	1995 09 20.67255	00 05 37.80	+01 24 34.4		399	1991 RP <sub>1</sub>	1995 09 21.52153	00 07 33.43	+07 22 03.5		400
1995 SD <sub>3</sub>	1995 09 21.63403	00 05 01.11	+01 14 44.6	16.7	399	1992 FF	1995 09 21.60979	02 01 07.93	+10 50 44.1	17.2 V	400
1995 SD <sub>3</sub>	1995 09 21.64844	00 05 00.60	+01 14 35.9		399	1992 FF	1995 09 21.62808	02 01 07.32	+10 50 44.3		400
1995 SE <sub>3</sub>	* 1995 09 20.65796	00 09 28.66	+00 12 57.8	16.7	399	1992 FF	1995 09 22.61536	02 00 38.73	+10 48 13.8	17.6 V	400
1995 SE <sub>3</sub>	1995 09 20.67255	00 09 27.96	+00 12 54.5		399	1992 FF	1995 09 22.64881	02 00 37.75	+10 48 09.6		400
1995 SE <sub>3</sub>	1995 09 21.63403	00 08 38.02	+00 09 22.9	16.2	399	1992 UX <sub>5</sub>	1995 09 20.51814	22 49 39.95	-08 40 16.9	18.0 V	400
1995 SE <sub>3</sub>	1995 09 21.64844	00 08 37.09	+00 09 19.3		399	1992 UX <sub>5</sub>	1995 09 20.55610	22 49 38.00	-08 40 35.7		400
1995 SF <sub>3</sub>	* 1995 09 20.65796	00 11 38.16	+00 19 37.3	17	399	1992 UX <sub>5</sub>	1995 09 21.50204	22 48 52.61	-08 47 28.3	17.7 V	400
1995 SF <sub>3</sub>	1995 09 20.67255	00 11 37.35	+00 19 36.6		399	1992 UX <sub>5</sub>	1995 09 21.53803	22 48 50.74	-08 47 44.2		400
1995 SF <sub>3</sub>	1995 09 21.63403	00 10 44.56	+00 16 07.3	17	399	1993 BF <sub>3</sub>	1995 09 20.51303	22 41 32.35	-06 29 51.6	19.0 V	400
1995 SF <sub>3</sub>	1995 09 21.64844	00 10 43.77	+00 16 03.5		399	1993 BF <sub>3</sub>	1995 09 20.54962	22 41 30.55	-06 29 58.3		400
1995 SG <sub>3</sub>	* 1995 09 20.65796	23 59 21.71	+00 49 41.0	16.8	399	1993 BF <sub>3</sub>	1995 09 21.49490	22 40 44.31	-06 33 19.0	19.6 V	400
						1993 BF <sub>3</sub>	1995 09 21.53409	22 40 42.35	-06 33 27.4		400

1994 GR	1995 09 21.61326	02 29 19.47	+06 08 11.9	17.5 V	400	1995 SX <sub>3</sub>	* 1995 09 20.53958	00 25 26.91	+09 23 46.9	16.5	400
1994 GR	1995 09 21.63225	02 29 18.93	+06 08 06.6		400	1995 SX <sub>3</sub>	1995 09 20.55694	00 25 26.02	+09 23 41.2		400
1994 GR	1995 09 22.65257	02 28 48.34	+06 03 34.5	17.3 V	400	1995 SX <sub>3</sub>	1995 09 21.50556	00 24 36.14	+09 15 29.8	16.5	400
1994 GR	1995 09 22.67808	02 28 47.53	+06 03 28.0		400	1995 SX <sub>3</sub>	1995 09 21.52153	00 24 35.34	+09 15 20.4		400
1994 JD <sub>1</sub>	1995 09 21.60603	01 54 34.88	+02 13 04.8	19.5 V	400	1995 SY <sub>3</sub>	* 1995 09 20.53958	00 28 42.31	+11 44 34.5	16.5	400
1994 JD <sub>1</sub>	1995 09 21.62438	01 54 34.12	+02 12 57.5		400	1995 SY <sub>3</sub>	1995 09 20.55694	00 28 41.55	+11 44 25.1		400
1995 QB <sub>2</sub>	1995 09 20.50135	22 20 12.35	-04 53 50.6	17.1 V	400	1995 SY <sub>3</sub>	1995 09 21.50556	00 27 54.83	+11 37 36.6	16.5	400
1995 QB <sub>2</sub>	1995 09 20.53804	22 20 10.74	-04 53 56.4		400	1995 SY <sub>3</sub>	1995 09 21.52153	00 27 53.81	+11 37 27.2		400
1995 QC <sub>2</sub>	1995 09 20.50431	22 21 32.72	-07 16 41.4	17.0 V	400	1995 SL <sub>4</sub>	* 1995 09 20.57569	00 11 45.87	-06 45 48.8	16.7	400
1995 QC <sub>2</sub>	1995 09 20.54036	22 21 30.73	-07 16 33.5		400	1995 SL <sub>4</sub>	1995 09 20.59375	00 11 44.93	-06 45 54.1		400
1995 QC <sub>3</sub>	1995 09 20.53958	00 08 47.60	+07 18 52.9	16.0	400	1995 SL <sub>4</sub>	1995 09 21.57778	00 10 52.67	-06 51 00.1	16.7	400
1995 QC <sub>3</sub>	1995 09 20.55694	00 08 46.58	+07 18 55.8		400	1995 SL <sub>4</sub>	1995 09 21.59444	00 10 51.63	-06 51 05.6		400
1995 QC <sub>3</sub>	1995 09 21.50556	00 07 57.03	+07 20 58.3	16.0	400	1995 SM <sub>4</sub>	* 1995 09 20.57569	00 12 40.34	-05 04 31.3	16.5	400
1995 QC <sub>3</sub>	1995 09 21.52153	00 07 56.03	+07 21 00.3		400	1995 SM <sub>4</sub>	1995 09 20.59375	00 12 39.34	-05 04 38.5		400
1995 QQ <sub>3</sub>	1995 09 21.49052	22 25 00.66	-15 10 20.5	17.7 V	400	1995 SM <sub>4</sub>	1995 09 21.57778	00 11 54.50	-05 11 25.9	16.5	400
1995 QQ <sub>3</sub>	1995 09 21.52472	22 24 59.36	-15 10 30.7		400	1995 SM <sub>4</sub>	1995 09 21.59444	00 11 53.73	-05 11 32.3		400
1995 SO <sub>3</sub>	* 1995 09 20.52115	21 02 30.06	-07 05 56.3	18.5 V	400	1995 SN <sub>4</sub>	* 1995 09 20.57569	00 12 45.11	-04 56 08.7	16.2	400
1995 SO <sub>3</sub>	1995 09 20.54314	21 02 29.68	-07 05 55.4		400	1995 SN <sub>4</sub>	1995 09 20.59375	00 12 44.20	-04 56 12.0		400
1995 SO <sub>3</sub>	1995 09 21.48549	21 02 16.31	-07 06 12.8	18.2 V	400	1995 SN <sub>4</sub>	1995 09 21.57778	00 11 45.43	-04 58 32.8	16.0	400
1995 SO <sub>3</sub>	1995 09 21.52031	21 02 15.82	-07 06 13.3		400	1995 SO <sub>4</sub>	* 1995 09 20.57569	00 13 49.16	-06 47 45.3	16.5	400
1995 SP <sub>3</sub>	* 1995 09 20.53958	00 01 56.61	+12 20 04.6	16.5	400	1995 SO <sub>4</sub>	1995 09 20.59375	00 13 48.27	-06 47 51.1		400
1995 SP <sub>3</sub>	1995 09 20.55694	00 01 55.70	+12 19 54.5		400	1995 SO <sub>4</sub>	1995 09 21.57778	00 13 04.57	-06 53 33.1	16.5	400
1995 SP <sub>3</sub>	1995 09 21.50556	00 01 06.72	+12 12 54.2	16.5	400	1995 SO <sub>4</sub>	1995 09 21.59444	00 13 03.76	-06 53 39.5		400
1995 SP <sub>3</sub>	1995 09 21.52153	00 01 05.91	+12 12 47.7		400	1995 SP <sub>4</sub>	* 1995 09 20.57569	00 15 02.76	-04 15 58.8	16.5	400
1995 SQ <sub>3</sub>	* 1995 09 20.53958	00 01 58.10	+11 00 45.2	16.5	400	1995 SP <sub>4</sub>	1995 09 20.59375	00 15 02.30	-04 16 06.7		400
1995 SQ <sub>3</sub>	1995 09 20.55694	00 01 57.19	+11 00 35.9		400	1995 SP <sub>4</sub>	1995 09 21.57778	00 14 44.64	-04 23 40.1	16.5	400
1995 SQ <sub>3</sub>	1995 09 21.50556	00 01 03.16	+10 55 42.4	16.7	400	1995 SP <sub>4</sub>	1995 09 21.59444	00 14 44.26	-04 23 48.5		400
1995 SQ <sub>3</sub>	1995 09 21.52153	00 01 02.21	+10 55 37.2		400	1995 SQ <sub>4</sub>	* 1995 09 20.57569	00 15 14.80	-03 25 31.0	16.8	400
1995 SR <sub>3</sub>	* 1995 09 20.53958	00 05 52.50	+08 22 11.9	15.8	400	1995 SQ <sub>4</sub>	1995 09 20.59375	00 15 14.03	-03 25 37.4		400
1995 SR <sub>3</sub>	1995 09 20.55694	00 05 51.43	+08 22 11.3		400	1995 SQ <sub>4</sub>	1995 09 21.57778	00 14 39.74	-03 32 06.6	16.8	400
1995 SR <sub>3</sub>	1995 09 21.50556	00 04 54.32	+08 21 28.5	15.8	400	1995 SQ <sub>4</sub>	1995 09 21.59444	00 14 39.19	-03 32 12.9		400
1995 SR <sub>3</sub>	1995 09 21.52153	00 04 53.33	+08 21 27.6		400	1995 SR <sub>4</sub>	* 1995 09 20.57569	00 19 26.85	-03 16 52.9	16.5	400
1995 SS <sub>3</sub>	* 1995 09 20.53958	00 13 41.48	+07 58 19.7	16.0	400	1995 SR <sub>4</sub>	1995 09 20.59375	00 19 25.36	-03 16 55.6		400
1995 SS <sub>3</sub>	1995 09 20.55694	00 13 40.53	+07 58 25.1		400	1995 SR <sub>4</sub>	1995 09 21.57778	00 18 21.10	-03 19 24.2	16.5	400
1995 SS <sub>3</sub>	1995 09 21.50556	00 12 37.17	+08 02 16.0	16.0	400	1995 SR <sub>4</sub>	1995 09 21.59444	00 18 20.03	-03 19 27.8		400
1995 SS <sub>3</sub>	1995 09 21.52153	00 12 36.08	+08 02 19.4		400	1995 SS <sub>4</sub>	* 1995 09 20.57569	00 21 05.71	-04 21 01.2	16.5	400
1995 ST <sub>3</sub>	* 1995 09 20.53958	00 14 02.26	+08 23 39.5	16.5	400	1995 SS <sub>4</sub>	1995 09 20.59375	00 21 04.59	-04 21 06.9		400
1995 ST <sub>3</sub>	1995 09 20.55694	00 14 01.31	+08 23 34.6		400	1995 SS <sub>4</sub>	1995 09 21.57778	00 20 10.75	-04 25 41.8	16.5	400
1995 ST <sub>3</sub>	1995 09 21.50556	00 13 11.91	+08 18 32.1	16.5	400	1995 SS <sub>4</sub>	1995 09 21.59444	00 20 09.97	-04 25 46.3		400
1995 ST <sub>3</sub>	1995 09 21.52153	00 13 11.07	+08 18 27.4		400	1995 ST <sub>4</sub>	* 1995 09 20.57569	00 22 25.41	-04 24 07.2	16.0	400
1995 SU <sub>3</sub>	* 1995 09 20.53958	00 14 21.81	+09 00 30.8	16.0	400	1995 ST <sub>4</sub>	1995 09 20.59375	00 22 24.68	-04 24 19.0		400
1995 SU <sub>3</sub>	1995 09 20.55694	00 14 20.72	+09 00 27.9		400	1995 ST <sub>4</sub>	1995 09 21.57778	00 21 41.51	-04 34 22.3	16.0	400
1995 SU <sub>3</sub>	1995 09 21.50556	00 13 18.78	+08 57 52.6	16.0	400	1995 ST <sub>4</sub>	1995 09 21.59444	00 21 40.65	-04 34 33.2		400
1995 SU <sub>3</sub>	1995 09 21.52153	00 13 17.57	+08 57 50.3		400	1995 SU <sub>4</sub>	* 1995 09 20.57569	00 23 43.75	-07 02 29.2	16.5	400
1995 SV <sub>3</sub>	* 1995 09 20.53958	00 22 30.21	+10 24 08.1	16.0	400	1995 SU <sub>4</sub>	1995 09 20.59375	00 23 42.87	-07 02 31.3		400
1995 SV <sub>3</sub>	1995 09 20.55694	00 22 29.27	+10 24 06.3		400	1995 SU <sub>4</sub>	1995 09 21.57778	00 22 54.15	-07 04 45.3	16.5	400
1995 SV <sub>3</sub>	1995 09 21.50556	00 21 43.57	+10 22 09.4	16.0	400	1995 SU <sub>4</sub>	1995 09 21.59444	00 22 53.34	-07 04 48.8		400
1995 SV <sub>3</sub>	1995 09 21.52153	00 21 42.68	+10 22 06.2		400	1995 SV <sub>4</sub>	* 1995 09 20.57569	00 24 47.83	-03 44 44.3	16.5	400
1995 SW <sub>3</sub>	* 1995 09 20.53958	00 24 20.45	+11 04 50.5	16.0	400	1995 SV <sub>4</sub>	1995 09 20.59375	00 24 46.87	-03 44 53.9		400
1995 SW <sub>3</sub>	1995 09 20.55694	00 24 19.65	+11 04 57.8		400	1995 SV <sub>4</sub>	1995 09 21.57778	00 23 59.70	-03 53 02.8	16.5	400
1995 SW <sub>3</sub>	1995 09 21.50556	00 23 36.76	+11 11 37.0	16.0	400	1995 SV <sub>4</sub>	1995 09 21.59444	00 23 58.79	-03 53 11.9		400
1995 SW <sub>3</sub>	1995 09 21.52153	00 23 36.01	+11 11 42.9		400	1995 SW <sub>4</sub>	* 1995 09 20.57569	00 29 25.51	-04 20 07.8	16.8	400

1995 SW <sub>4</sub>	1995 09 20.59375	00 29 24.70	-04 20 15.2		400
1995 SW <sub>4</sub>	1995 09 21.57778	00 28 38.70	-04 28 23.9	17	400
1995 SW <sub>4</sub>	1995 09 21.59444	00 28 38.03	-04 28 28.9		400
1995 SC <sub>5</sub>	* 1995 09 20.51814	22 49 18.43	-08 33 16.1	18.5 V	400
1995 SC <sub>5</sub>	1995 09 20.55587	22 49 16.87	-08 33 23.7		400
1995 SC <sub>5</sub>	1995 09 30.50681	22 43 25.47	-09 05 34.7	18.7 V	400
1995 SC <sub>5</sub>	1995 09 30.53678	22 43 24.51	-09 05 38.3		400
1995 SD <sub>5</sub>	* 1995 09 20.57670	00 54 01.97	+13 17 25.5	17.0 V	400
1995 SD <sub>5</sub>	1995 09 20.59535	00 54 01.01	+13 17 26.0		400
1995 SD <sub>5</sub>	1995 09 30.54384	00 45 06.59	+13 14 51.5	15.6 V	400
1995 SD <sub>5</sub>	1995 09 30.58110	00 45 04.52	+13 14 49.9		400
1995 SE <sub>5</sub>	* 1995 09 20.61250	00 41 21.20	-00 57 25.2	16.5	400
1995 SE <sub>5</sub>	1995 09 20.62986	00 41 20.44	-00 57 28.7		400
1995 SE <sub>5</sub>	1995 09 21.61111	00 40 36.62	-01 00 35.8	16.5	400
1995 SE <sub>5</sub>	1995 09 21.62708	00 40 35.99	-01 00 37.9		400
1995 SF <sub>5</sub>	* 1995 09 20.61250	00 49 58.10	-05 13 36.0	16.8	400
1995 SF <sub>5</sub>	1995 09 20.62986	00 49 57.26	-05 13 42.5		400
1995 SF <sub>5</sub>	1995 09 21.61111	00 49 15.11	-05 19 00.6	16.8	400
1995 SF <sub>5</sub>	1995 09 21.62708	00 49 14.26	-05 19 06.6		400
1995 SG <sub>5</sub>	* 1995 09 20.61250	00 52 41.15	-04 00 12.9	15.8	400
1995 SG <sub>5</sub>	1995 09 20.62986	00 52 39.97	-04 00 09.6		400
1995 SG <sub>5</sub>	1995 09 21.61111	00 51 37.59	-03 56 34.2	15.5	400
1995 SG <sub>5</sub>	1995 09 21.62708	00 51 36.59	-03 56 30.4		400

**411 Oizumi**

T. Kobayashi, 8-6, Nishi Koizumi 1 Chome, Oizumi, Ora-Gun, Gunma-Ken, 370-05  
Japan [kobataka@furusato.infopd.sanyo.co.jp]

0.25-m *f*/4.4 reflector + CCD

GSC

1991 RP <sub>1</sub>	1995 09 17.53608	00 12 05.44	+07 13 35.6		411
1991 RP <sub>1</sub>	1995 09 17.54933	00 12 04.46	+07 13 37.7		411
1994 JG	1995 09 17.50220	21 49 47.33	-03 39 42.5		411
1994 JG	1995 09 17.50652	21 49 47.25	-03 39 44.7		411
1994 JG	1995 09 17.51914	21 49 46.84	-03 39 50.2		411
1994 JG	1995 09 18.47919	21 49 20.89	-03 46 41.3		411
1994 JG	1995 09 18.49859	21 49 20.33	-03 46 49.3		411
1995 QA <sub>3</sub>	1995 09 04.70913	00 15 52.00	+05 27 15.2		411
1995 QA <sub>3</sub>	1995 09 17.53340	00 03 29.83	+05 20 28.7		411
1995 QA <sub>3</sub>	1995 09 17.54667	00 03 28.96	+05 20 27.6		411
1995 QA <sub>3</sub>	1995 09 17.58795	00 03 26.19	+05 20 24.0		411
1995 QA <sub>3</sub>	1995 09 21.53892	23 59 15.23	+05 13 57.5		411
1995 QA <sub>3</sub>	1995 09 21.54108	23 59 15.10	+05 13 57.4		411
1995 QA <sub>3</sub>	1995 09 21.54540	23 59 14.80	+05 13 57.0		411
1995 QA <sub>3</sub>	1995 09 28.51874	23 51 53.76	+04 59 27.5		411
1995 QA <sub>3</sub>	1995 09 28.52439	23 51 53.37	+04 59 26.2		411
1995 QA <sub>3</sub>	1995 09 28.53198	23 51 52.90	+04 59 25.8		411
1995 QD <sub>3</sub>	1995 09 17.53877	00 17 46.33	+04 43 22.5		411
1995 QD <sub>3</sub>	1995 09 17.55203	00 17 45.57	+04 43 19.5		411
1995 QE <sub>3</sub>	1995 09 17.54131	00 18 52.18	+04 25 08.4		411
1995 QE <sub>3</sub>	1995 09 17.55456	00 18 51.49	+04 25 04.0		411
1995 QE <sub>3</sub>	1995 09 21.52225	00 15 34.40	+04 10 05.6		411
1995 QE <sub>3</sub>	1995 09 21.52872	00 15 34.07	+04 10 04.9		411
1995 QE <sub>3</sub>	1995 09 28.53447	00 09 35.84	+03 40 44.0		411

1995 QE <sub>3</sub>	1995 09 28.54004	00 09 35.50	+03 40 42.4		411
1995 QE <sub>3</sub>	1995 09 28.54731	00 09 35.09	+03 40 40.2		411

**413 Siding Spring**

R. H. McNaught, Anglo-Australian Observatory, Coonabarabran, N.S.W. 2357,  
Australia [rmn@aaocbn1.aao.gov.au]  
Observers R. H. McNaught, G. J. Garradd, D. I. Steel, M. Hartley, K. S. Russell,  
M. J. Drinkwater

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

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

1977 OX	1983 10 06.60625	00 47 10.35	-33 10 11.9		413
1977 OX	1983 10 06.64792	00 47 08.95	-33 09 57.6		413
1977 OX	1995 09 07.67392	21 29 24.69	-43 31 08.9		413
1977 OX	1995 09 07.67633	21 29 24.76	-43 31 09.3		413
1977 OX	1995 09 19.46541	21 37 05.52	-43 13 52.9		413
1977 OX	1995 09 19.51402	21 37 07.64	-43 13 40.0		413
1995 MA <sub>1</sub>	1995 09 07.37821	15 43 04.24	-29 23 55.1		413
1995 MA <sub>1</sub>	1995 09 07.38028	15 43 04.42	-29 23 58.3		413
1995 MA <sub>1</sub>	1995 09 07.38244	15 43 04.62	-29 24 00.6		413
1995 QY	1995 09 06.48971	23 16 27.49	-18 08 28.1		413
1995 QY	1995 09 06.49314	23 16 27.25	-18 08 26.3		413
1995 QY	1995 09 06.49882	23 16 26.80	-18 08 22.8		413
1995 QY	1995 09 06.50115	23 16 26.63	-18 08 21.7	I	413
1995 QY <sub>2</sub>	1995 09 03.51535	21 32 00.44	-16 57 37.0		413
1995 QY <sub>2</sub>	1995 09 06.48200	21 29 23.24	-17 58 08.8		413
1995 QY <sub>2</sub>	1995 09 06.48499	21 29 23.08	-17 58 12.5		413
1995 QY <sub>2</sub>	1995 09 08.59181	21 27 36.31	-18 40 43.1		413
1995 QY <sub>2</sub>	1995 09 08.59392	21 27 36.20	-18 40 45.5		413
1995 QY <sub>2</sub>	1995 09 08.59552	21 27 36.11	-18 40 47.4		413
1995 QN <sub>3</sub>	1995 09 07.65664	22 40 24.28	+03 41 02.9		413
1995 QN <sub>3</sub>	1995 09 07.65829	22 40 24.17	+03 41 01.0		413
1995 QN <sub>3</sub>	1995 09 07.66044	22 40 24.08	+03 40 58.4		413
1995 QN <sub>3</sub>	1995 09 08.58566	22 39 39.22	+03 24 10.6	F	413
1995 QN <sub>3</sub>	1995 09 08.58729	22 39 39.04	+03 24 06.0	F	413
1995 QN <sub>3</sub>	1995 09 08.58919	22 39 38.95	+03 24 04.9	F	413
1995 QV <sub>3</sub>	* 1995 08 26.49488	19 48 34.87	-63 55 47.9	18 V	413
1995 QV <sub>3</sub>	1995 09 06.44008	19 44 29.43	-62 38 54.3		413
1995 QV <sub>3</sub>	1995 09 06.45170	19 44 29.39	-62 38 48.2		413
1995 RF	* 1995 09 09.55593	22 03 23.79	-23 15 44.0	17.5 V	413
1995 RF	1995 09 09.56095	22 03 23.58	-23 15 40.1		413
1995 RF	1995 09 12.56407	22 01 21.41	-22 35 44.4		413
1995 RF	1995 09 12.56681	22 01 21.29	-22 35 42.1		413
1995 RG	* 1995 09 03.75667	02 59 49.18	-28 27 37.1	18 V	413
1995 RG	1995 09 03.79833	02 59 50.35	-28 28 05.1		413
1995 RG	1995 09 06.78963	03 01 10.81	-29 03 23.1		413
1995 RG	1995 09 06.79383	03 01 10.93	-29 03 27.8		413
1995 RG	1995 09 07.71233	03 01 30.95	-29 14 17.0		413
1995 RG	1995 09 07.71957	03 01 31.07	-29 14 22.1		413
1995 RH	* 1995 09 03.75667	03 16 48.06	-27 18 47.8	17.5 V	413
1995 RH	1995 09 03.79833	03 16 50.70	-27 19 13.3		413
1995 RH	1995 09 06.81083	03 20 08.49	-27 50 26.1		413
1995 RH	1995 09 06.81274	03 20 08.52	-27 50 27.0		413
1995 RH	1995 09 07.69889	03 21 02.63	-27 59 35.4		413

1995 RH	1995 09 07.70426	03 21 02.94	-27 59 38.7	413
(3564)	1995 08 18.56662	22 01 03.65	-30 09 15.1	413
(3564)	1995 08 18.60829	22 01 02.21	-30 09 19.6	413
(6042)	1995 09 19.48971	21 37 40.65	-43 22 08.3	413

**422 Loomberah**

G. J. Garradd, P.O. Box 157, Tamworth, N.S.W. 2340, Australia

[gjjg@aaocbn3.aao.gov.au]

0.25-m reflector + CCD

GSC

1995 QV <sub>3</sub>	1995 08 28.52579	19 47 09.19	-63 44 46.8	422
1995 QV <sub>3</sub>	1995 08 28.53461	19 47 08.88	-63 44 42.5	422

**423 North Ryde**

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

0.2-m *f*/4 hyperbolic astrograph

PPM

(4)	1994 12 03.59274	06 35 06.24	+20 09 21.0	423
(4)	1994 12 03.60249	06 35 05.83	+20 09 22.9	423
(20)	1994 09 30.50082	23 33 49.01	-02 13 27.5	423
(20)	1994 09 30.51188	23 33 48.36	-02 13 32.6	423
(199)	1994 12 10.46076	04 21 57.97	+14 06 36.0	423
(199)	1994 12 10.52199	04 21 54.94	+14 06 40.4	423
(330)	1994 11 27.57726	05 20 29.47	+10 46 47.7	423
(330)	1994 11 27.59149	05 20 28.65	+10 46 48.1	423
(595)	1994 10 24.52355	01 07 12.57	+05 41 11.8	423
(595)	1994 10 24.53359	01 07 12.06	+05 41 12.1	423
(595)	1994 10 31.47656	01 01 34.53	+05 41 32.3	423
(595)	1994 10 31.49253	01 01 33.80	+05 41 32.6	423
(971)	1994 11 10.50146	03 50 40.17	+07 15 53.3	423
(971)	1994 11 10.52170	03 50 38.91	+07 15 56.5	423
(1655)	1994 11 21.58194	05 04 10.84	+10 43 59.8	423
(1655)	1994 11 21.60347	05 04 09.80	+10 44 01.9	423
(1655)	1994 11 23.57448	05 02 36.11	+10 47 18.6	423
(1655)	1994 11 23.59153	05 02 35.22	+10 47 20.7	423
(2967)	1994 10 10.50925	00 39 15.79	-07 47 06.0	423
(2967)	1994 10 10.53875	00 39 14.11	-07 47 03.6	423
(4132)	1994 11 25.61858	04 53 50.76	-25 07 18.6	423
(4132)	1994 11 25.62951	04 53 50.28	-25 07 24.8	423
(4132)	1994 11 25.64184	04 53 49.79	-25 07 32.1	423
(4132)	1994 11 25.66649	04 53 48.79	-25 07 46.1	423
(4132)	1994 12 16.48663	04 40 08.90	-25 50 20.1	423
(4132)	1994 12 16.50712	04 40 08.11	-25 50 14.0	423
(4132)	1994 12 17.45366	04 39 36.79	-25 44 51.6	423
(4132)	1994 12 17.47882	04 39 35.86	-25 44 42.3	423
(4132)	1994 12 17.49358	04 39 35.39	-25 44 37.7	423
(4132)	1994 12 17.49878	04 39 35.15	-25 44 35.6	423
(5142)	1994 12 07.53692	04 27 27.89	+12 27 14.2	423
(5142)	1994 12 07.54074	04 27 27.67	+12 27 13.4	423
(5142)	1994 12 12.46962	04 23 36.27	+12 08 09.8	423
(5142)	1994 12 12.48524	04 23 35.57	+12 08 06.8	423
(5231)	1994 12 06.58056	06 02 32.23	+19 46 41.8	423
(5231)	1994 12 06.58524	06 02 32.00	+19 46 43.6	423

(5231)	1994 12 06.59711	06 02 31.27	+19 46 49.2	423
(5647)	1994 11 08.58194	04 22 32.16	+24 37 07.2	423
(5647)	1994 11 08.59236	04 22 31.65	+24 36 55.0	423
(5647)	1994 11 10.57847	04 21 03.72	+23 59 04.8	423
(5647)	1994 11 10.58837	04 21 03.23	+23 58 53.7	423
(5647)	1994 11 11.55399	04 20 18.15	+23 39 59.9	423
(5751)	1994 11 11.57951	04 20 16.82	+23 39 30.1	423
(5751)	1994 12 13.52841	05 54 49.87	-05 41 20.2	423
(5751)	1994 12 13.53941	05 54 49.21	-05 41 15.4	423
(5751)	1994 12 16.55428	05 52 05.30	-05 14 26.3	423
(5751)	1994 12 16.57500	05 52 04.02	-05 14 13.4	423
(5751)	1994 12 16.58108	05 52 03.65	-05 14 10.3	423
(5751)	1994 12 16.59444	05 52 02.80	-05 14 01.5	423
(5751)	1994 12 16.60741	05 52 01.94	-05 13 53.4	423
(5751)	1994 12 19.48663	05 49 11.65	-04 40 18.5	423
(5751)	1994 12 19.54965	05 49 07.45	-04 39 30.1	423
(5751)	1994 12 19.56771	05 49 06.27	-04 39 15.1	423
(5751)	1994 12 19.59132	05 49 04.65	-04 38 56.9	423
(5751)	1994 12 19.60503	05 49 03.72	-04 38 45.5	423

**476 Grange Observatory**

P. Pognant, Via Massimo d'Azeglio 34, I-10053 Bussoleno (TO), Italy

[mc2213@mclink.it]

0.3-m reflector + CCD

(225)	1995 09 14.87118	23 45 32.67	+11 04 06.2	476
(225)	1995 09 14.87535	23 45 32.50	+11 04 02.5	476
(225)	1995 09 14.87951	23 45 32.37	+11 03 59.9	476
(225)	1995 09 14.88611	23 45 32.07	+11 03 55.6	476
(225)	1995 10 01.94861	23 35 33.10	+07 31 04.1	12.8 R 476
(225)	1995 10 01.95486	23 35 32.89	+07 30 58.9	476
(225)	1995 10 01.96111	23 35 32.70	+07 30 54.3	476
(225)	1995 10 01.96528	23 35 32.55	+07 30 51.1	476
(433)	1995 09 14.89861	00 00 55.14	+25 01 24.3	476
(433)	1995 09 14.90521	00 00 54.46	+25 01 27.0	476
(433)	1995 09 14.90868	00 00 54.06	+25 01 28.6	476
(433)	1995 09 14.91319	00 00 53.59	+25 01 31.1	476
(433)	1995 09 14.91875	00 00 53.02	+25 01 33.2	476
(433)	1995 10 01.97396	23 28 25.19	+25 42 10.6	11.0 R 476
(433)	1995 10 01.98333	23 28 24.02	+25 42 09.6	476
(433)	1995 10 01.98924	23 28 23.26	+25 42 09.0	476
(575)	1995 09 01.04965	01 41 41.60	+18 59 32.5	14.7 R 476
(862)	1995 09 14.82708	01 03 28.55	+28 23 44.9	476
(862)	1995 09 14.83264	01 03 28.27	+28 23 47.1	476
(862)	1995 09 14.83819	01 03 28.03	+28 23 47.3	476
(862)	1995 09 14.84201	01 03 27.84	+28 23 48.4	476
(862)	1995 09 14.84722	01 03 27.69	+28 23 50.0	476
(1134)	1995 10 02.00278	01 15 17.88	+13 36 36.5	15.0 R 476
(1134)	1995 10 02.00486	01 15 17.69	+13 36 40.4	476
(1134)	1995 10 02.00972	01 15 17.31	+13 36 45.2	476
(1134)	1995 10 02.01771	01 15 16.56	+13 36 57.0	476
(1134)	1995 10 02.02257	01 15 16.23	+13 37 03.0	476
(6053)	1995 09 09.88021	04 41 35.93	+69 42 00.7	476
(6053)	1995 09 09.89271	04 41 47.60	+69 42 29.6	476

**493 Calar Alto**

K. Birkle, Max-Planck-Institut für Astronomie, Königstuhl, D-69029 Heidelberg,  
Germany

Observers B. Dauphole, C. Ducourant, M. Rapaport

Measurer K. Birkle

0.8-m Schmidt

(5879)	1994 05 05.91175	09 58 39.20	+41 59 55.8	21	493
(5879)	1994 05 05.91979	09 58 41.18	+41 59 51.2		493
(5879)	1994 05 09.89409	10 14 49.43	+41 19 09.9		493
(5879)	1994 05 12.84317	10 26 24.15	+40 42 54.5		493
(5879)	1994 05 12.84838	10 26 25.32	+40 42 50.3		493
(5879)	1995 08 25.06774	02 53 37.88	-06 49 49.2	22	493
(5879)	1995 08 25.07709	02 53 38.56	-06 49 57.6		493

**540 Linz**

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

Observers E. Meyer, E. Obermair

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

GSC

1995 QY <sub>2</sub>	1995 09 16.83402	21 21 40.23	-21 20 10.4	16.1 R	540
1995 QY <sub>2</sub>	1995 09 16.83823	21 21 40.06	-21 20 15.0	16.0 R	540
1995 QY <sub>2</sub>	1995 09 16.84200	21 21 39.91	-21 20 19.0	15.9 R	540

**552 San Vittore**

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

[astrofil@astbo1.bo.cnr.it]

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

0.45-m *f*/3.33 reflector + CCD

GSC

1988 CL	1995 09 15.92186	23 42 32.12	+05 17 52.5	15.8 V	552
1988 CL	1995 09 15.92911	23 42 31.67	+05 17 52.0		552
1988 CL	1995 09 15.94089	23 42 30.94	+05 17 51.6		552
1988 CL	1995 09 23.84943	23 34 34.01	+05 08 02.7	16.1 V	552
1988 CL	1995 09 23.93134	23 34 28.91	+05 07 55.0		552
1988 CL	1995 09 23.94409	23 34 28.11	+05 07 54.5		552
1988 CL	1995 09 23.95707	23 34 27.30	+05 07 53.2		552
1988 CL	1995 09 25.99578	23 32 24.94	+05 04 33.8	16.2 V	552
1988 CL	1995 09 26.01597	23 32 23.71	+05 04 31.2		552
1988 CL	1995 09 29.93359	23 28 34.01	+04 57 31.6	16.0 V	552
1988 CL	1995 09 29.96887	23 28 31.94	+04 57 28.0		552
1995 QS <sub>2</sub>	1995 09 15.81294	21 47 28.10	-12 48 26.8	19.0 V	552
1995 QS <sub>2</sub>	1995 09 15.84590	21 47 26.96	-12 48 34.5		552
1995 QS <sub>2</sub>	1995 09 23.86624	21 43 51.38	-13 14 58.7	19.0 V	552
1995 QS <sub>2</sub>	1995 09 23.91250	21 43 50.31	-13 15 07.1		552
1995 QS <sub>2</sub>	1995 09 25.87557	21 43 11.04	-13 20 21.0	19.6 V	552
1995 QS <sub>2</sub>	1995 09 25.97043	21 43 09.20	-13 20 35.8		552
1995 QT <sub>2</sub>	1995 09 15.82258	21 48 59.75	-13 05 06.1	19.5 V	552
1995 QT <sub>2</sub>	1995 09 15.86115	21 48 58.71	-13 05 18.0		552
1995 QT <sub>3</sub>	1995 09 15.88775	21 48 08.87	-11 53 25.1	18.0 V	552
1995 QT <sub>3</sub>	1995 09 15.90178	21 48 08.53	-11 53 23.9		552
1995 QT <sub>3</sub>	1995 09 23.83809	21 46 18.61	-11 46 16.1	18.4 V	552
1995 QT <sub>3</sub>	1995 09 23.90005	21 46 18.10	-11 46 09.7		552

1995 QT <sub>3</sub>	1995 09 25.88852	21 46 11.78	-11 43 03.9	18.2 V	552
1995 QT <sub>3</sub>	1995 09 25.94565	21 46 11.57	-11 42 59.2		552
1995 QT <sub>3</sub>	1995 09 29.87069	21 46 24.63	-11 35 18.1	18.0 V	552
1995 QT <sub>3</sub>	1995 09 29.91466	21 46 24.86	-11 35 14.4		552
1995 SC <sub>2</sub>	* 1995 09 23.81781	21 44 20.20	-13 16 23.7	18.0 V	552
1995 SC <sub>2</sub>	1995 09 23.86624	21 44 19.23	-13 16 40.5		552
1995 SC <sub>2</sub>	1995 09 23.91250	21 44 18.28	-13 16 56.0		552
1995 SC <sub>2</sub>	1995 09 25.87557	21 43 46.36	-13 27 41.9	17.9 V	552
1995 SC <sub>2</sub>	1995 09 25.97043	21 43 44.85	-13 28 11.6		552
1995 SC <sub>2</sub>	1995 09 29.85664	21 43 03.63	-13 47 11.8	18.3 V	552
1995 SC <sub>2</sub>	1995 09 29.88807	21 43 03.34	-13 47 18.7		552
1995 SD <sub>2</sub>	* 1995 09 23.94409	23 35 03.38	+05 15 05.7	16.4 V	552
1995 SD <sub>2</sub>	1995 09 23.95707	23 35 02.73	+05 15 00.9		552
1995 SD <sub>2</sub>	1995 09 25.99578	23 33 24.68	+05 04 18.2	16.6 V	552
1995 SD <sub>2</sub>	1995 09 26.01597	23 33 23.69	+05 04 12.7		552
1995 SD <sub>2</sub>	1995 09 29.95071	23 30 20.46	+04 43 06.8	16.7 V	552
1995 SD <sub>2</sub>	1995 09 29.98479	23 30 18.85	+04 42 55.8		552
1995 SE <sub>2</sub>	* 1995 09 23.94409	23 35 25.08	+05 04 37.5	17.7 V	552
1995 SE <sub>2</sub>	1995 09 23.95707	23 35 24.12	+05 04 37.2		552
1995 SE <sub>2</sub>	1995 09 25.99578	23 33 16.24	+05 05 42.4	17.6 V	552
1995 SE <sub>2</sub>	1995 09 26.01597	23 33 14.91	+05 05 42.2		552
1995 SE <sub>2</sub>	1995 09 29.94071	23 29 16.01	+05 07 08.2	17.5 V	552
1995 SE <sub>2</sub>	1995 09 29.97714	23 29 13.79	+05 07 08.5		552
1995 SF <sub>2</sub>	* 1995 09 23.95178	23 37 20.46	+05 10 00.2	18.0 V	552
1995 SF <sub>2</sub>	1995 09 23.97044	23 37 19.54	+05 09 52.2		552
1995 SF <sub>2</sub>	1995 09 26.00584	23 35 45.77	+04 53 20.3	17.8 V	552
1995 SF <sub>2</sub>	1995 09 26.02590	23 35 44.79	+04 53 09.6		552
1995 SF <sub>2</sub>	1995 09 29.95823	23 32 48.62	+04 20 46.6	17.5 V	552
1995 SF <sub>2</sub>	1995 09 29.99652	23 32 46.90	+04 20 27.2		552

**557 Ondřejov**

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

Observers P. Pravec, L. Šarounová, J. Mánek, P. Páta

Measurers P. Pravec, L. Šarounová

0.65-m *f*/3.6 reflector + CCD

GSC

1995 OY	1995 09 16.82193	20 03 24.32	-17 36 48.6		W 557
1995 OY	1995 09 17.83564	20 03 29.31	-17 34 59.2	20.3 V	W 557
1995 OC <sub>1</sub>	1995 09 17.81676	21 00 24.80	-04 33 29.2		W 557
1995 OC <sub>1</sub>	1995 09 17.81977	21 00 24.79	-04 33 30.7	20.5 V	557
1995 OC <sub>1</sub>	1995 09 17.82299	21 00 24.72	-04 33 32.3		557
1995 OD <sub>1</sub>	1995 09 17.85512	22 29 14.56	-11 30 07.2		557
1995 OD <sub>1</sub>	1995 09 17.86142	22 29 14.33	-11 30 09.7	19.4 V	557
1995 OE <sub>1</sub>	1995 09 17.87708	22 26 31.79	-10 19 00.4		557
1995 OE <sub>1</sub>	1995 09 17.88012	22 26 31.64	-10 19 01.5	19.3 V	557
1995 OE <sub>1</sub>	1995 09 17.88304	22 26 31.54	-10 19 02.3		557
1995 OF <sub>1</sub>	1995 09 17.88740	22 16 33.40	-10 44 16.3		557
1995 OF <sub>1</sub>	1995 09 17.89197	22 16 33.16	-10 44 17.4	19.4 V	557
1995 OF <sub>1</sub>	1995 09 17.89508	22 16 33.00	-10 44 17.8		557
1995 PG	1995 09 17.86586	22 28 28.17	-04 41 46.7		557
1995 PG	1995 09 17.86907	22 28 27.97	-04 41 46.6	19.2 V	557



1995 PG	1995 09 17.87205	22 28 27.78	-04 41 46.8	557	1995 SG	1995 09 07.01178	00 26 16.82	+04 59 44.1	18.6 V	557
1995 PJ	1995 09 16.88323	20 11 24.95	-19 00 39.5	557	1995 SG	1995 09 07.07771	00 26 14.28	+04 59 28.8		557
1995 PJ	1995 09 16.88677	20 11 25.03	-19 00 38.6	557	1995 SG	1995 09 07.08794	00 26 13.88	+04 59 26.1		557
1995 PJ	1995 09 17.79943	20 11 38.02	-18 57 57.9	557	1995 SG	* 1995 09 17.06282	00 19 14.24	+04 13 46.7		557
1995 PJ	1995 09 17.80257	20 11 37.95	-18 57 57.4	19.8 V	557	1995 SG	1995 09 17.06882	00 19 13.96	+04 13 44.6	18.8 V
1995 QJ	1995 09 05.96792	22 29 09.70	-10 31 10.2	557	1995 SG	1995 09 17.07779	00 19 13.49	+04 13 41.9		557
1995 QJ	1995 09 05.99382	22 29 08.09	-10 31 21.1	557	1995 SG	1995 09 17.93917	00 18 33.09	+04 09 08.3		557
1995 QJ	1995 09 05.99867	22 29 07.94	-10 31 22.8	557	1995 SG	1995 09 17.94499	00 18 32.79	+04 09 06.5	18.2 V	557
1995 QJ	1995 09 17.90013	22 19 10.05	-11 46 38.9	557	1995 SG	1995 09 17.94949	00 18 32.56	+04 09 05.0		557
1995 QJ	1995 09 17.90363	22 19 09.87	-11 46 40.7	19.2 V	557	1995 SG	1995 09 22.90078	00 14 30.01	+03 41 27.7	557
1995 QJ	1995 09 17.90656	22 19 09.79	-11 46 41.2	557	1995 SG	1995 09 22.92192	00 14 28.90	+03 41 20.7	18.6 V	557
1995 QO	1995 09 06.02337	00 27 55.77	+05 49 05.6	557	1995 SG	1995 09 28.94448	00 09 23.23	+03 05 33.6		557
1995 QO	1995 09 06.07655	00 27 53.77	+05 49 19.3	18.2 V	557	1995 SG	1995 09 28.96245	00 09 22.27	+03 05 27.3	18.0 V
1995 QO	1995 09 17.11800	00 19 54.66	+06 28 38.4	18.0 V	557	1995 SH	1995 09 07.09141	00 21 26.04	+06 06 36.7	17.7 V
1995 QO	1995 09 17.12356	00 19 54.38	+06 28 38.5	557	1995 SH	1995 09 07.10005	00 21 25.71	+06 06 32.3		557
1995 QO	1995 09 25.10942	00 12 48.08	+06 47 32.2	557	1995 SH	1995 09 07.10726	00 21 25.43	+06 06 29.2		557
1995 QO	1995 09 25.11410	00 12 47.83	+06 47 33.2	557	1995 SH	* 1995 09 17.06645	00 14 34.60	+04 41 41.0		557
1995 QO	1995 09 25.88661	00 12 05.41	+06 49 01.4	557	1995 SH	1995 09 17.07330	00 14 34.28	+04 41 37.7	17.7 V	557
1995 QO	1995 09 25.88884	00 12 05.29	+06 49 01.6	17.9 V	557	1995 SH	1995 09 17.08005	00 14 33.99	+04 41 34.0	557
1995 QO	1995 09 25.89112	00 12 05.15	+06 49 01.9	557	1995 SH	1995 09 17.96708	00 13 54.76	+04 33 29.0		557
1995 QP	1995 09 07.01178	00 26 30.40	+04 59 40.6	17.1 V	557	1995 SH	1995 09 17.97002	00 13 54.63	+04 33 27.2	17.6 V
1995 QP	1995 09 07.07771	00 26 27.71	+04 59 46.1	557	1995 SH	1995 09 17.97468	00 13 54.42	+04 33 24.8		557
1995 QP	1995 09 07.08794	00 26 27.28	+04 59 47.1	557	1995 SH	1995 09 22.90498	00 10 11.19	+03 47 28.5		557
1995 QP	1995 09 17.12074	00 18 48.13	+05 07 37.1	17.0 V	557	1995 SH	1995 09 22.91111	00 10 10.91	+03 47 25.0	17.3 V
1995 QP	1995 09 17.12572	00 18 47.86	+05 07 36.9	557	1995 SH	1995 09 22.91407	00 10 10.77	+03 47 23.5		557
1995 QP	1995 09 25.10293	00 11 39.69	+05 06 11.4	557	1995 SH	1995 09 28.93769	00 05 34.48	+02 49 53.6		557
1995 QP	1995 09 25.11169	00 11 39.20	+05 06 11.2	16.7 V	557	1995 SH	1995 09 28.95659	00 05 33.59	+02 49 42.8	17.5 V
1995 QP	1995 09 25.11635	00 11 38.94	+05 06 10.7	557	1995 SJ	1995 09 12.12169	00 23 06.25	+04 45 37.5	16.7 V	r 557
1995 QE <sub>3</sub>	1995 09 06.02608	00 26 56.96	+04 55 52.8	16.2 V	557	1995 SJ	1995 09 12.13795	00 23 05.57	+04 45 26.5	r 557
1995 QE <sub>3</sub>	1995 09 06.07906	00 26 55.00	+04 55 47.5	557	1995 SJ	* 1995 09 17.08390	00 19 25.69	+03 46 42.6		557
1995 QE <sub>3</sub>	1995 09 06.92588	00 26 25.85	+04 54 18.0	16.3 V	557	1995 SJ	1995 09 17.08970	00 19 25.42	+03 46 38.8	17.0 V
1995 QE <sub>3</sub>	1995 09 06.92899	00 26 25.74	+04 54 17.7	557	1995 SJ	1995 09 17.09451	00 19 25.20	+03 46 34.7		557
1995 QE <sub>3</sub>	1995 09 06.94878	00 26 24.97	+04 54 15.6	557	1995 SJ	1995 09 17.93486	00 18 46.48	+03 36 20.4		557
1995 QE <sub>3</sub>	1995 09 12.12169	00 23 00.48	+04 42 18.1	16.1 V	557	1995 SJ	1995 09 17.94238	00 18 46.12	+03 36 14.7	16.8 V
1995 QE <sub>3</sub>	1995 09 12.13098	00 23 00.07	+04 42 16.3	557	1995 SJ	1995 09 17.94725	00 18 45.90	+03 36 11.0		557
1995 QE <sub>3</sub>	1995 09 12.13795	00 22 59.77	+04 42 15.0	557	1995 SJ	1995 09 19.00203	00 17 56.35	+03 23 13.9		557
1995 QE <sub>3</sub>	1995 09 17.08654	00 19 13.77	+04 26 42.5	16.1 V	r 557	1995 SJ	1995 09 19.00821	00 17 56.06	+03 23 09.0	557
1995 QE <sub>3</sub>	1995 09 17.09221	00 19 13.48	+04 26 41.3	r 557	1995 SJ	1995 09 19.01141	00 17 55.92	+03 23 06.7		557
1995 QN <sub>3</sub>	1995 09 11.86031	22 37 08.14	+02 25 34.9	19.3 V	557	1995 SJ	1995 09 28.94053	00 09 58.04	+01 18 56.9	557
1995 QN <sub>3</sub>	1995 09 11.90047	22 37 06.21	+02 24 53.0	W 557	1995 SJ	1995 09 28.95921	00 09 57.11	+01 18 43.2		557
1995 QN <sub>3</sub>	1995 09 17.91213	22 33 07.98	+00 43 46.1	557	1995 SK	1995 09 07.11345	00 21 01.45	+06 38 56.1	18.2 V	557
1995 QN <sub>3</sub>	1995 09 17.92414	22 33 07.47	+00 43 34.3	19.5 V	557	1995 SK	1995 09 07.12069	00 21 00.82	+06 39 02.2	557
1995 QN <sub>3</sub>	1995 09 17.92763	22 33 07.36	+00 43 31.0	557	1995 SK	1995 09 07.13571	00 20 59.50	+06 39 15.1		557
1995 QN <sub>3</sub>	1995 09 18.83315	22 32 36.43	+00 29 03.9	557	1995 SK	* 1995 09 17.09846	00 05 29.01	+08 54 10.1		557
1995 QN <sub>3</sub>	1995 09 18.83954	22 32 36.22	+00 28 57.8	557	1995 SK	1995 09 17.10317	00 05 28.54	+08 54 13.8	18.1 V	557
1995 QN <sub>3</sub>	1995 09 18.84756	22 32 35.91	+00 28 50.2	557	1995 SK	1995 09 17.13428	00 05 25.39	+08 54 37.7		557
1995 QN <sub>3</sub>	1995 09 22.87584	22 30 33.83	-00 32 36.4	557	1995 SK	1995 09 17.95740	00 04 03.78	+09 04 59.8		557
1995 QN <sub>3</sub>	1995 09 22.93498	22 30 32.08	-00 33 28.9	557	1995 SK	1995 09 17.96228	00 04 03.27	+09 05 03.5		557
1995 QN <sub>3</sub>	1995 09 22.94558	22 30 31.75	-00 33 38.7	557	1995 SK	1995 09 17.96447	00 04 03.06	+09 05 05.2		557
1995 QN <sub>3</sub>	1995 09 28.87950	22 28 22.65	-01 55 05.0	557	1995 SK	1995 09 22.88420	23 55 46.78	+10 04 05.7		557
1995 QN <sub>3</sub>	1995 09 28.88994	22 28 22.52	-01 55 12.2	557	1995 SK	1995 09 22.89029	23 55 46.17	+10 04 10.0	18.2 V	557
1995 SG	1995 09 06.92899	00 26 19.98	+05 00 02.4	557	1995 SK	1995 09 22.89325	23 55 45.89	+10 04 11.9		557

1995 SK	1995 09 28.91329	23 45 43.55	+11 08 55.6		557	1995 SP	1995 09 22.96069	01 34 16.86	+09 29 04.6		557
1995 SK	1995 09 28.91630	23 45 43.25	+11 08 57.7	17.7 V	557	1995 SP	1995 09 22.97791	01 34 16.06	+09 29 08.4	17.0 V	557
1995 SK	1995 09 28.92343	23 45 42.54	+11 09 02.2		557	1995 SQ	* 1995 09 18.12053	01 37 10.10	+08 17 40.4		557
1995 SL	* 1995 09 17.10565	00 06 05.47	+08 51 14.0		557	1995 SQ	1995 09 18.13135	01 37 09.66	+08 17 37.2	19.5 V	557
1995 SL	1995 09 17.11314	00 06 05.09	+08 51 12.9		557	1995 SQ	1995 09 18.13987	01 37 09.40	+08 17 35.9		557
1995 SL	1995 09 17.13206	00 06 04.06	+08 51 11.6		557	1995 SQ	1995 09 19.03350	01 36 36.02	+08 15 00.4	r	557
1995 SL	1995 09 17.13675	00 06 03.79	+08 51 11.2	17.0 V	557	1995 SQ	1995 09 23.06469	01 33 48.86	+08 02 00.9		557
1995 SL	1995 09 17.95201	00 05 19.36	+08 49 11.3		557	1995 SQ	1995 09 23.07612	01 33 48.33	+08 01 57.8	19.7 V	557
1995 SL	1995 09 17.95993	00 05 18.91	+08 49 10.2		557	1995 SQ	1995 09 23.09279	01 33 47.55	+08 01 53.8		557
1995 SL	1995 09 18.85453	00 04 29.52	+08 46 50.9		557	1995 SG <sub>1</sub>	* 1995 09 22.87584	22 30 16.32	-00 33 21.0		557
1995 SL	1995 09 18.85808	00 04 29.32	+08 46 50.6	17.1 V	557	1995 SG <sub>1</sub>	1995 09 22.93796	22 30 14.11	-00 33 44.1		557
1995 SL	1995 09 18.86160	00 04 29.12	+08 46 50.0		557	1995 SG <sub>1</sub>	1995 09 22.94558	22 30 13.84	-00 33 47.0		557
1995 SL	1995 09 25.86947	23 57 51.63	+08 24 40.1		557	1995 SG <sub>1</sub>	1995 09 24.92341	22 29 06.88	-00 45 58.8		557
1995 SL	1995 09 25.87833	23 57 51.11	+08 24 38.1		557	1995 SG <sub>1</sub>	1995 09 24.92987	22 29 06.66	-00 46 01.1	18.8 V	557
1995 SL	1995 09 25.88052	23 57 50.97	+08 24 37.7	17.2 V	557	1995 SH <sub>1</sub>	* 1995 09 22.87584	22 30 42.34	-00 33 47.4		557
1995 SM	* 1995 09 17.93486	00 18 51.23	+03 30 45.9		557	1995 SH <sub>1</sub>	1995 09 22.93498	22 30 39.75	-00 33 58.3		557
1995 SM	1995 09 17.94238	00 18 50.82	+03 30 43.0	19.2 V	557	1995 SH <sub>1</sub>	1995 09 22.94097	22 30 39.48	-00 33 59.3		557
1995 SM	1995 09 17.94725	00 18 50.61	+03 30 42.9		557	1995 SH <sub>1</sub>	1995 09 24.95519	22 29 19.73	-00 39 51.6		557
1995 SM	1995 09 19.00522	00 18 01.28	+03 26 33.4		557	1995 SH <sub>1</sub>	1995 09 24.95963	22 29 19.56	-00 39 52.3	19.2 V	557
1995 SM	1995 09 19.00821	00 18 01.11	+03 26 32.7		557	1995 SJ <sub>1</sub>	* 1995 09 22.91797	00 15 06.64	+03 08 59.8		557
1995 SM	1995 09 19.01141	00 18 01.00	+03 26 31.7		557	1995 SJ <sub>1</sub>	1995 09 22.95110	00 15 04.72	+03 08 54.0	17.2 V	557
1995 SM	1995 09 22.92488	00 14 51.94	+03 10 13.6		557	1995 SJ <sub>1</sub>	1995 09 23.02231	00 15 00.59	+03 08 41.3		557
1995 SM	1995 09 23.02231	00 14 46.86	+03 09 48.0		557	1995 SJ <sub>1</sub>	1995 09 24.96444	00 13 11.40	+03 02 46.9	r	557
1995 SM	1995 09 24.96444	00 13 10.11	+03 01 15.1	r	557	1995 SJ <sub>1</sub>	1995 09 24.97464	00 13 10.80	+03 02 45.1		557
1995 SM	1995 09 24.97464	00 13 09.57	+03 01 12.2		557	1995 SJ <sub>1</sub>	1995 09 26.01458	00 12 11.65	+02 59 30.3		557
1995 SM	1995 09 26.01458	00 12 17.08	+02 56 32.3		557	1995 SJ <sub>1</sub>	1995 09 26.01831	00 12 11.44	+02 59 29.6		557
1995 SM	1995 09 26.02160	00 12 16.80	+02 56 29.9		557	1995 SJ <sub>1</sub>	1995 09 26.02160	00 12 11.23	+02 59 29.0		557
1995 SM	1995 09 28.95351	00 09 48.75	+02 43 07.7	18.8 V	557	1995 SJ <sub>1</sub>	1995 09 28.95351	00 09 24.00	+02 50 08.5		557
1995 SM	1995 09 28.96552	00 09 48.11	+02 43 04.3		557	1995 SJ <sub>1</sub>	1995 09 28.96552	00 09 23.29	+02 50 06.3	17.1 V	557
1995 SN	* 1995 09 18.02374	01 38 15.11	+09 25 00.8		557	1995 SJ <sub>1</sub>	1995 09 28.97310	00 09 22.85	+02 50 04.9		557
1995 SN	1995 09 18.03451	01 38 14.62	+09 25 00.1	20 V	557	1995 SK <sub>1</sub>	* 1995 09 22.92488	00 14 43.01	+03 11 34.4		557
1995 SN	1995 09 18.04275	01 38 14.25	+09 24 59.6		557	1995 SK <sub>1</sub>	1995 09 22.95424	00 14 41.51	+03 11 27.4	19.5 V	557
1995 SN	1995 09 19.05108	01 37 33.64	+09 23 29.6		557	1995 SK <sub>1</sub>	1995 09 23.02231	00 14 37.94	+03 11 11.7		557
1995 SN	1995 09 19.05758	01 37 33.44	+09 23 30.2	W	557	1995 SK <sub>1</sub>	1995 09 24.96444	00 12 58.37	+03 03 41.7	r	557
1995 SN	1995 09 19.06378	01 37 33.17	+09 23 28.9	W	557	1995 SK <sub>1</sub>	1995 09 24.97464	00 12 57.87	+03 03 39.2		557
1995 SN	1995 09 23.07247	01 34 40.63	+09 16 36.5	r	557	1995 SK <sub>1</sub>	1995 09 26.01458	00 12 04.26	+02 59 35.8		557
1995 SN	1995 09 23.08986	01 34 39.78	+09 16 35.3	r	557	1995 SK <sub>1</sub>	1995 09 26.02160	00 12 03.88	+02 59 33.5		557
1995 SO	* 1995 09 18.05367	01 38 46.90	+08 39 11.9		557	1995 SK <sub>1</sub>	1995 09 28.95351	00 09 33.39	+02 48 00.7		557
1995 SO	1995 09 18.06475	01 38 46.57	+08 39 07.9	19.3 V	557	1995 SK <sub>1</sub>	1995 09 28.97310	00 09 32.31	+02 47 56.2	19.8 V	557
1995 SO	1995 09 18.07338	01 38 46.34	+08 39 05.2		557	1995 SL <sub>1</sub>	* 1995 09 22.92488	00 14 54.79	+03 12 55.8		557
1995 SO	1995 09 19.02036	01 38 20.72	+08 33 27.8		557	1995 SL <sub>1</sub>	1995 09 22.92785	00 14 54.63	+03 12 55.1	19.7 V	557
1995 SO	1995 09 19.03023	01 38 20.41	+08 33 24.4		557	1995 SL <sub>1</sub>	1995 09 22.95424	00 14 53.07	+03 12 47.6		557
1995 SO	1995 09 19.04385	01 38 20.06	+08 33 18.9		557	1995 SL <sub>1</sub>	1995 09 24.96444	00 12 58.45	+03 03 19.7	20 V	557
1995 SO	1995 09 22.96735	01 36 23.45	+08 08 53.3		557	1995 SL <sub>1</sub>	1995 09 24.97159	00 12 57.99	+03 03 15.7		557
1995 SO	1995 09 22.98426	01 36 22.94	+08 08 46.6	19.5 V	557	1995 SM <sub>1</sub>	* 1995 09 22.98084	01 37 05.16	+08 13 25.1		557
1995 SO	1995 09 22.99588	01 36 22.51	+08 08 42.0		557	1995 SM <sub>1</sub>	1995 09 22.98847	01 37 04.98	+08 13 24.3	r	557
1995 SP	* 1995 09 18.08737	01 37 26.71	+09 10 49.0		557	1995 SM <sub>1</sub>	1995 09 25.01322	01 35 46.48	+08 05 29.8		557
1995 SP	1995 09 18.09815	01 37 26.32	+09 10 51.7	17.2 V	557	1995 SM <sub>1</sub>	1995 09 25.02613	01 35 45.99	+08 05 26.8	19.3 V	557
1995 SP	1995 09 18.10670	01 37 26.02	+09 10 53.6		557	1995 SM <sub>1</sub>	1995 09 25.12058	01 35 42.03	+08 05 03.1		557
1995 SP	1995 09 19.01583	01 36 54.47	+09 14 29.0		557	1995 SA <sub>5</sub>	* 1995 09 25.01322	01 35 50.59	+08 06 50.5		557
1995 SP	1995 09 19.02344	01 36 54.18	+09 14 31.0		557	1995 SA <sub>5</sub>	1995 09 25.02613	01 35 50.21	+08 06 42.7	19.5 V	557
1995 SP	1995 09 19.03712	01 36 53.65	+09 14 34.0		557	1995 SA <sub>5</sub>	1995 09 25.12058	01 35 47.18	+08 05 46.9		557

1995 SA <sub>5</sub>	1995 09 25.97190	01 35 21.30	+07 57 15.9	557
1995 SA <sub>5</sub>	1995 09 25.97962	01 35 21.03	+07 57 11.6	557
1995 SA <sub>5</sub>	1995 09 25.98696	01 35 20.73	+07 57 06.3	557
(6053)	1995 09 05.90693	03 45 18.95	+66 32 55.2	557
(6053)	1995 09 05.96021	03 45 59.94	+66 36 06.2	557
(6053)	1995 09 05.98465	03 46 18.69	+66 37 33.2	557
(6053)	1995 09 06.01375	03 46 41.00	+66 39 16.6	557
(6053)	1995 09 06.03942	03 47 00.64	+66 40 47.1	557
(6053)	1995 09 06.09453	03 47 42.73	+66 44 00.1	557
(6053)	1995 09 16.95516	06 34 45.64	+71 36 55.3	557
(6053)	1995 09 16.98841	06 35 16.60	+71 36 53.2	557
(6053)	1995 09 17.01853	06 35 44.51	+71 36 50.8	557
(6053)	1995 09 18.87324	07 03 26.38	+71 24 17.1	557
(6053)	1995 09 18.90436	07 03 53.60	+71 23 59.3	557
(6053)	1995 09 18.95186	07 04 35.02	+71 23 32.0	557

**560 Madonna di Dossobuono**

L. Lai, Via Mantovana 130e, I-37062 Dossobuono (Verona), Italy  
 Observers L. Lai, I. Rocchetti, G. Vespentini  
 0.40-m  $f/3.5$  reflector + CCD  
 GSC

1987 MM <sub>1</sub>	1995 03 10.87503	10 10 22.20	+03 14 01.4	16.8	560
1987 MM <sub>1</sub>	1995 03 10.88707	10 10 21.76	+03 14 06.5		560
1987 MM <sub>1</sub>	1995 03 10.89763	10 10 21.16	+03 14 11.0		560
1993 FR <sub>58</sub>	1995 09 16.94248	23 23 28.02	-02 21 46.1	17.8 V	560
1993 FR <sub>58</sub>	1995 09 16.94964	23 23 27.70	-02 21 48.6		560
1993 FR <sub>58</sub>	1995 09 16.95705	23 23 27.33	-02 21 49.9		560
1993 FR <sub>58</sub>	1995 09 25.91876	23 16 32.14	-03 08 25.8	18.3 V	560
1993 FR <sub>58</sub>	1995 09 25.93902	23 16 31.25	-03 08 32.0		560
1993 FR <sub>58</sub>	1995 09 25.95476	23 16 30.54	-03 08 36.6		560
1993 FR <sub>58</sub>	1995 09 26.91167	23 15 48.46	-03 13 23.6	18.3 V	560
1993 FR <sub>58</sub>	1995 09 26.93117	23 15 47.60	-03 13 29.5		560
1993 FR <sub>58</sub>	1995 09 26.95221	23 15 46.65	-03 13 34.9		560
1995 SZ	* 1995 09 16.94248	23 24 02.09	-02 23 40.5	18.0 V	560
1995 SZ	1995 09 16.94964	23 24 01.72	-02 23 42.8		560
1995 SZ	1995 09 16.95705	23 24 01.42	-02 23 44.6		560
1995 SZ	1995 09 17.94517	23 23 18.41	-02 28 23.0	18.0 V	560
1995 SZ	1995 09 17.95219	23 23 18.13	-02 28 25.7		560
1995 SZ	1995 09 17.95936	23 23 17.75	-02 28 28.3		560
(178)	1995 05 03.86109	12 07 34.32	+00 57 36.6	14.1 V	560
(178)	1995 05 03.87677	12 07 33.99	+00 57 37.2		560
(178)	1995 05 03.88956	12 07 33.68	+00 57 38.2		560
(2770)	1995 05 05.87120	12 53 30.73	-04 43 13.4	15.2 V	560
(2770)	1995 05 05.87941	12 53 30.46	-04 43 12.0		560
(2770)	1995 05 05.89127	12 53 30.02	-04 43 11.7		560
(4335)	1995 05 02.85147	12 08 22.03	+00 57 39.1	17.6 V	560
(4335)	1995 05 02.86383	12 08 21.62	+00 57 39.9		560
(4335)	1995 05 02.87396	12 08 21.23	+00 57 41.1		560
(4335)	1995 05 03.86109	12 07 50.98	+00 59 31.1		560
(4335)	1995 05 03.87677	12 07 50.49	+00 59 32.7		560
(4335)	1995 05 03.88956	12 07 50.05	+00 59 34.5		560
(4687)	1995 09 25.89200	22 44 47.23	-01 58 09.5	17.1 V	560
(4687)	1995 09 25.89822	22 44 46.87	-01 58 10.4		560

(4687)	1995 09 25.90402	22 44 46.68	-01 58 11.7		560
(5319)	1995 09 25.89523	22 44 53.39	-01 50 09.4	15.9 V	560
(5319)	1995 09 25.90109	22 44 53.19	-01 50 12.3		560
(5319)	1995 09 25.90705	22 44 52.94	-01 50 15.9		560
(6315)	1995 04 01.85630	10 51 56.87	+08 41 49.4	17.8	560
(6315)	1995 04 01.86540	10 51 56.53	+08 41 50.4		560
(6315)	1995 04 01.87257	10 51 56.11	+08 41 51.7		560
(6344)	1995 03 21.90803	11 43 50.71	+00 51 42.4	16.5	560
(6344)	1995 03 21.91826	11 43 50.26	+00 51 47.9		560
(6344)	1995 03 21.93053	11 43 49.47	+00 51 54.1		560
(6361)	1995 05 06.97667	14 20 11.70	-07 08 02.5	16.1 V	560
(6361)	1995 05 06.98415	14 20 11.27	-07 08 02.3		560
(6361)	1995 05 06.99158	14 20 10.82	-07 08 01.8		560
(6361)	1995 05 07.91990	14 19 20.79	-07 07 58.5	14.9 V	560
(6361)	1995 05 07.92794	14 19 20.33	-07 07 58.4		560
(6361)	1995 05 07.93878	14 19 19.71	-07 07 58.3		560
(6375)	1995 03 07.90502	11 15 13.65	+06 48 47.8	17.4	560
(6375)	1995 03 07.92535	11 15 12.94	+06 48 54.0		560
(6375)	1995 03 07.93740	11 15 12.26	+06 48 57.5		560
(6393)	1995 03 12.86353	10 20 47.77	+27 19 28.7	15.5	560
(6393)	1995 03 12.87470	10 20 47.25	+27 19 29.6		560
(6393)	1995 03 12.88463	10 20 46.83	+27 19 30.4		560
(6415)	1995 03 20.92531	10 51 06.37	+03 30 09.6	17.2	560
(6415)	1995 03 20.94024	10 51 05.76	+03 30 11.6		560
(6415)	1995 03 20.95202	10 51 05.22	+03 30 14.9		560

**568 Mauna Kea Observatory**

D. J. Tholen, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822,  
 U.S.A.

Observers D. J. Tholen, O. Hainaut, W. F. Golisch

IRTF encoders

PPM

1995 SD <sub>1</sub>	1995 09 30.40139	00 03 58.36	-06 46 56.6		568
(862)	1995 09 30.40486	00 50 55.03	+28 37 24.0		568
(1937)	1995 09 30.55660	05 52 42.75	+19 48 40.4		568
(2118)	1995 09 30.54583	05 07 49.45	+31 27 27.5		568
(2229)	1995 09 30.40868	02 23 46.95	+32 43 52.0		568
(2621)	1995 09 30.54896	05 11 23.52	+12 47 41.1		568
(2735)	1995 09 30.55266	05 25 28.00	+52 49 57.5		568
(2871)	1995 09 30.54028	05 06 30.35	+25 48 53.5		568
(2943)	1995 09 30.55990	06 24 49.01	+36 46 42.8		568
(3216)	1995 09 30.41285	02 28 15.99	+03 49 47.1		568
(3315)	1995 09 30.53686	04 57 18.76	+10 10 45.4		568
(3714)	1995 09 30.39479	22 32 05.22	-26 51 24.6		568
(3806)	1995 09 30.39010	21 05 58.55	-05 09 53.2		568
(4595)	1995 09 30.45006	03 11 47.68	+18 33 23.3		568
(4595)	1995 09 30.53160	03 11 45.89	+18 33 04.9		568

**586 Pic du Midi**

A. Maury, Observatoire de la Côte d'Azur, Avenue Copernic, F-06130 Grasse,  
 France [maury@ocar01.obs-azur.fr]

Observers L. Brunetto, J. L. Autran, S. Delye, D. Clermont

0.60-m reflector + CCD

GSC						
1995 LG	1995 06 29.02696	21 22 11.21	+26 40 06.0		586	
1995 LG	1995 06 29.06204	21 22 08.17	+26 46 21.9		586	

**587 Sormano**

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

[sormano@icil64.cilea.it]

Observers P. Sicoli, P. Ghezzi, F. Manca, V. Giuliani, M. Cavagna, G. Ventre,  
A. Testa, P. Chiavenna

0.5-m reflector + CCD

GSC						
1981 EZ <sub>33</sub>	1995 09 26.92963	00 48 03.50	+11 30 15.3		587	
1981 EZ <sub>33</sub>	1995 09 26.98853	00 48 00.90	+11 30 01.1		587	
1981 EZ <sub>33</sub>	1995 09 28.86667	00 46 39.52	+11 21 33.2		587	
1981 EZ <sub>33</sub>	1995 09 28.87484	00 46 39.09	+11 21 31.1		587	
1981 EZ <sub>33</sub>	1995 09 28.88119	00 46 38.74	+11 21 30.0	17.5 V	587	
1992 TB	1995 08 30.90468	22 30 44.48	+21 30 40.7		587	
1992 TB	1995 08 30.91093	22 30 43.82	+21 30 29.4		587	
1992 TB	1995 08 30.91857	22 30 42.94	+21 30 13.5		587	
1993 FR <sub>58</sub>	1995 09 22.90784	23 18 48.09	-02 53 03.2		587	
1993 FR <sub>58</sub>	1995 09 22.93716	23 18 46.74	-02 53 12.1		587	
1993 PB	1995 09 22.86598	21 16 15.53	+20 54 42.5		587	
1993 PB	1995 09 22.87223	21 16 14.92	+20 54 38.3	I	587	
1994 AE <sub>2</sub>	1995 09 01.96216	00 32 22.23	-10 27 13.6		587	
1994 AE <sub>2</sub>	1995 09 02.95231	00 31 37.27	-10 34 53.2		587	
1994 AE <sub>2</sub>	1995 09 02.96701	00 31 36.60	-10 35 01.7		587	
1994 TF <sub>2</sub>	1995 09 22.95000	01 28 44.03	-08 15 50.0		587	
1994 TF <sub>2</sub>	1995 09 22.95278	01 28 43.81	-08 16 05.4		587	
1995 QR <sub>2</sub>	1995 08 31.97085	22 57 46.22	+04 06 38.0		587	
1995 QR <sub>2</sub>	1995 08 31.97783	22 57 45.87	+04 06 35.8		587	
1995 QR <sub>2</sub>	1995 09 01.91488	22 57 00.90	+04 01 13.6		587	
1995 QR <sub>2</sub>	1995 09 01.93658	22 56 59.78	+04 01 06.1		587	
1995 QR <sub>2</sub>	1995 09 02.93807	22 56 11.33	+03 55 10.8		587	
1995 QR <sub>2</sub>	1995 09 02.94322	22 56 11.06	+03 55 09.1		587	
1995 QR <sub>2</sub>	1995 09 04.87824	22 54 37.20	+03 43 13.1		587	
1995 QR <sub>2</sub>	1995 09 04.89322	22 54 36.43	+03 43 07.4		587	
1995 QR <sub>2</sub>	1995 09 15.87216	22 46 00.25	+02 26 20.5		587	
1995 QR <sub>2</sub>	1995 09 15.91429	22 45 58.32	+02 26 01.7		587	
1995 QR <sub>2</sub>	1995 09 17.82078	22 44 36.64	+02 11 44.8		587	
1995 QR <sub>2</sub>	1995 09 17.82999	22 44 36.27	+02 11 40.6	16.7 V	587	
1995 QN <sub>3</sub>	1995 09 22.88263	22 30 33.62	-00 32 42.9		587	
1995 QN <sub>3</sub>	1995 09 22.89236	22 30 33.39	-00 32 51.7		587	
1995 QN <sub>3</sub>	1995 09 22.89861	22 30 33.23	-00 32 55.9		587	
1995 RK	* 1995 09 15.87216	22 45 51.47	+02 26 08.8		587	
1995 RK	1995 09 15.96059	22 45 47.12	+02 25 34.3		587	
1995 RK	1995 09 17.82078	22 44 19.75	+02 12 54.8		587	
1995 RK	1995 09 17.82999	22 44 19.33	+02 12 50.5	17.5 V	587	
1995 RK	1995 09 21.97398	22 41 17.01	+01 44 26.8		587	
1995 RK	1995 09 21.98087	22 41 16.68	+01 44 23.8		587	
1995 RK	1995 09 22.83784	22 40 41.87	+01 38 32.7		587	
1995 RK	1995 09 22.85006	22 40 41.39	+01 38 28.9		587	

1995 SG <sub>1</sub>	1995 09 22.88263	22 30 16.13	-00 33 23.0	17.5 V	587
1995 SG <sub>1</sub>	1995 09 22.89236	22 30 15.78	-00 33 26.5		587
1995 SG <sub>1</sub>	1995 09 22.89861	22 30 15.55	-00 33 29.5		587
1995 SG <sub>1</sub>	1995 09 25.85468	22 28 36.67	-00 51 40.4		587
1995 SG <sub>1</sub>	1995 09 25.87274	22 28 36.04	-00 51 46.9		587
1995 SM <sub>3</sub>	* 1995 09 26.97988	00 47 22.71	+11 08 55.1	18.0 V	587
1995 SM <sub>3</sub>	1995 09 27.01590	00 47 20.55	+11 08 50.5		587
1995 SM <sub>3</sub>	1995 09 28.84531	00 45 31.35	+11 04 31.1		587
1995 SM <sub>3</sub>	1995 09 28.89671	00 45 28.21	+11 04 24.3		587
1995 SY <sub>4</sub>	* 1995 09 26.95966	00 48 05.81	+11 25 20.3		587
1995 SY <sub>4</sub>	1995 09 26.98853	00 48 04.26	+11 25 17.1		587
1995 SY <sub>4</sub>	1995 09 28.86667	00 46 29.32	+11 22 28.1		587
1995 SY <sub>4</sub>	1995 09 28.87484	00 46 28.90	+11 22 27.4		587
1995 SY <sub>4</sub>	1995 09 28.88119	00 46 28.54	+11 22 27.2	17.5 V	587
	(225)	1995 09 04.88321	23 51 23.84	+12 52 44.7	587
	(225)	1995 09 04.89965	23 51 23.31	+12 52 35.5	587
	(3752)	1995 08 29.85306	20 23 31.33	-05 50 45.3	587
	(3752)	1995 08 29.86001	20 23 30.51	-05 51 10.0	587

**589 Santa Lucia Stroncone**

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

[vagnozzi@astrom.astro.it]

Observers A. Vagnozzi, E. Gregori, V. Risoldi, F. Lombardi, G. Bernabei,  
0.50-m  $f/2.8$  Ritchey-Chrétien + CCD

GSC

1994 HT <sub>1</sub>	1995 09 15.83991	21 37 18.09	-07 36 18.1	17.0 V	589
1994 HT <sub>1</sub>	1995 09 15.84891	21 37 17.89	-07 36 21.5		589
1994 HT <sub>1</sub>	1995 09 15.85793	21 37 17.50	-07 36 23.8		589
1994 HT <sub>1</sub>	1995 09 22.82853	21 34 39.99	-08 09 32.5		589
1994 HT <sub>1</sub>	1995 09 22.83584	21 34 39.79	-08 09 33.3		589
1994 HT <sub>1</sub>	1995 09 22.85472	21 34 39.54	-08 09 39.0		589
1994 HT <sub>1</sub>	1995 09 22.87907	21 34 39.08	-08 09 44.8		589
1994 HT <sub>1</sub>	1995 09 23.77527	21 34 25.18	-08 13 38.1		589
1994 HT <sub>1</sub>	1995 09 23.78862	21 34 24.91	-08 13 41.3		589
1994 HT <sub>1</sub>	1995 09 23.80612	21 34 24.60	-08 13 46.5		589
1994 HT <sub>1</sub>	1995 09 23.81679	21 34 24.48	-08 13 49.8		589
1995 OA	1995 09 11.82252	21 31 11.58	-05 14 43.5	17.0 V	589
1995 OA	1995 09 11.83424	21 31 11.03	-05 14 45.8		589
1995 OH	1995 08 08.81499	16 26 56.71	-18 16 01.5	17.7 V	589
1995 OH	1995 08 08.82576	16 26 57.32	-18 16 04.7		589
1995 OH	1995 09 11.80447	17 17 32.32	-19 15 07.8	18.0 V	589
1995 OH	1995 09 11.81049	17 17 32.87	-19 15 08.7		589
1995 OB <sub>1</sub>	1995 09 11.85533	21 38 17.86	-04 41 03.8	18.5 V	589
1995 OB <sub>1</sub>	1995 09 11.86491	21 38 17.55	-04 41 04.6		589
1995 SV	* 1995 09 22.82853	21 34 30.42	-08 08 22.0	18.3 V	589
1995 SV	1995 09 22.83584	21 34 30.37	-08 08 22.5		589
1995 SV	1995 09 22.85472	21 34 29.82	-08 08 22.2		589
1995 SV	1995 09 22.87907	21 34 29.50	-08 08 24.7		589
1995 SV	1995 09 23.77527	21 34 16.84	-08 09 11.7		589
1995 SV	1995 09 23.78862	21 34 16.64	-08 09 12.8		589
1995 SV	1995 09 23.80612	21 34 16.37	-08 09 13.8		589
1995 SV	1995 09 23.81679	21 34 16.26	-08 09 14.8		589
1995 SW	* 1995 09 22.82853	21 34 40.06	-08 16 04.6	18.0 V	589

1995 SW	1995 09 22.83584	21 34 39.82	-08 16 02.4		589
1995 SW	1995 09 22.85472	21 34 39.40	-08 16 02.4		589
1995 SW	1995 09 22.87907	21 34 38.61	-08 16 00.9		589
1995 SW	1995 09 23.77527	21 34 13.94	-08 15 09.3		589
1995 SW	1995 09 23.78862	21 34 13.55	-08 15 08.5		589
1995 SW	1995 09 23.80612	21 34 12.97	-08 15 08.2		589
1995 SW	1995 09 23.81679	21 34 12.71	-08 15 08.4		589
1995 SX	* 1995 09 22.82853	21 35 06.72	-08 08 28.0	17.0 V	589
1995 SX	1995 09 22.83584	21 35 06.65	-08 08 31.1		589
1995 SX	1995 09 22.85472	21 35 06.44	-08 08 38.0		589
1995 SX	1995 09 22.87907	21 35 06.17	-08 08 46.7		589
1995 SX	1995 09 23.77527	21 34 59.00	-08 14 22.7		589
1995 SX	1995 09 23.78862	21 34 58.92	-08 14 27.8		589
1995 SX	1995 09 23.80612	21 34 58.72	-08 14 34.2		589
1995 SX	1995 09 23.81679	21 34 58.60	-08 14 37.6		589
1995 SY	* 1995 09 22.93741	23 23 42.89	-09 09 04.7	19.7 V	589
1995 SY	1995 09 22.94524	23 23 42.43	-09 09 08.2		589
1995 SY	1995 09 22.95677	23 23 41.77	-09 09 12.8		589
1995 SY	1995 09 23.82772	23 22 58.30	-09 15 12.1		589
1995 SY	1995 09 23.83620	23 22 57.86	-09 15 13.1		589
1995 SY	1995 09 23.84421	23 22 57.45	-09 15 18.4		589
1995 SQ <sub>2</sub>	* 1995 09 26.84183	00 27 49.70	+20 28 37.1	18.2 V	r 589
1995 SQ <sub>2</sub>	1995 09 26.85021	00 27 49.27	+20 28 33.3		r 589
1995 SQ <sub>2</sub>	1995 09 26.85673	00 27 48.98	+20 28 31.5		589
1995 SQ <sub>2</sub>	1995 09 26.86530	00 27 48.47	+20 28 28.8		589
1995 SQ <sub>2</sub>	1995 09 27.83713	00 26 58.24	+20 22 25.5		589
1995 SQ <sub>2</sub>	1995 09 27.84738	00 26 57.75	+20 22 20.3		589
1995 SQ <sub>2</sub>	1995 09 27.85694	00 26 57.25	+20 22 17.9		589
(5654)	1995 09 22.93741	23 23 21.50	-09 15 02.4	17.8 V	589
(5654)	1995 09 22.94524	23 23 21.13	-09 15 03.0		589
(5654)	1995 09 22.95677	23 23 20.55	-09 15 05.3		589
(5654)	1995 09 23.82772	23 22 36.97	-09 17 33.8		589
(5654)	1995 09 23.83620	23 22 36.49	-09 17 34.6		589
(5654)	1995 09 23.84421	23 22 36.17	-09 17 37.0		589

**596 Colleverde di Guidonia**

V. S. Casulli, Via M. Rosa 1, I-00010 Colleverde di Guidonia (RM), Italy

[casulli@astrom.astro.it]

0.40-m  $f/2.95$  reflector + CCD

GSC

1981 SO	1995 09 23.89884	01 34 08.16	+14 38 52.4	15.7 V	596
1981 SO	1995 09 23.92829	01 34 06.73	+14 38 54.2		596
1981 SO	1995 09 23.94843	01 34 05.72	+14 38 54.8		596
1995 SB <sub>2</sub>	* 1995 09 23.89884	01 33 54.20	+14 32 26.3	17.9 V	596
1995 SB <sub>2</sub>	1995 09 23.92829	01 33 53.24	+14 32 16.6		596
1995 SB <sub>2</sub>	1995 09 23.94843	01 33 52.52	+14 32 10.0		596
1995 SB <sub>2</sub>	1995 09 25.88738	01 32 47.79	+14 21 18.5		596
1995 SB <sub>2</sub>	1995 09 25.90329	01 32 47.28	+14 21 13.1		596
1995 SB <sub>2</sub>	1995 09 25.91865	01 32 46.65	+14 21 07.7		596
1995 SB <sub>2</sub>	1995 09 25.93744	01 32 46.04	+14 21 01.5		596

**598 Loiano**

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

Marcello Pistoiese (PT), Italy [iauarceetri.astro.it]

Observers P. Focardi, B. Kelm, G. Tessicini

Measurer S. Giovanardi

1.52-m reflector + CCD

GSC

1995 SK <sub>3</sub>	* 1995 09 23.97693	00 35 42.29	-02 46 42.7	17 R	598
1995 SK <sub>3</sub>	1995 09 23.99198	00 35 41.49	-02 46 47.6		598
1995 SK <sub>3</sub>	1995 09 24.08539	00 35 36.18	-02 47 20.1		598
1995 SK <sub>3</sub>	1995 09 24.97400	00 34 47.71	-02 52 38.3		598

**608 Haleakala-AMOS**

J. Africano, Air Force Maui Optical Station, 535 Lipoa Parkway, Suite 200, Kihei, Maui, HI 96753, U.S.A. [johna@ulua.mhpcc.edu]

E. F. Helin, MS 183-501, Jet Propulsion Laboratory, Pasadena, CA 91109, U.S.A. [efh051@mip13.jpl.nasa.gov]

Observers J. Africano, P. Sydney, D. Nishimoto, D. O'Connell, W. Hada

1.2-m reflector

1978 VB <sub>6</sub>	1995 09 20.40900	21 18 20.76	+27 16 24.1		608
1978 VB <sub>6</sub>	1995 09 20.44797	21 18 20.13	+27 15 50.3		608
1978 VB <sub>6</sub>	1995 09 21.39463	21 18 08.40	+27 02 18.1		608
1978 VB <sub>6</sub>	1995 09 21.42941	21 18 07.91	+27 01 47.9		608
1979 MY <sub>2</sub>	1995 09 20.37485	22 13 07.63	-03 44 58.1		608
1979 MY <sub>2</sub>	1995 09 20.41881	22 13 05.82	-03 45 12.8		608
1979 MY <sub>2</sub>	1995 09 21.40488	22 12 27.78	-03 50 41.3		608
1979 MY <sub>2</sub>	1995 09 21.43913	22 12 26.41	-03 50 52.7		608
1989 EC	1995 09 20.46446	22 55 06.59	+03 57 27.1		608
1989 EC	1995 09 20.50007	22 55 02.72	+03 57 44.5		608
1989 EC	1995 09 28.38693	22 42 06.03	+04 59 16.8		608
1989 EC	1995 09 28.43090	22 42 01.89	+04 59 35.9		608
1990 FL	1995 09 08.51152	01 51 09.76	-07 01 36.0		608
1990 FL	1995 09 08.53624	01 51 09.25	-07 01 54.8		608
1990 KG	1995 09 20.38801	22 29 22.43	-28 01 06.8		608
1990 KG	1995 09 20.43171	22 29 20.57	-28 01 15.1		608
1990 KG	1995 09 21.41744	22 28 41.49	-28 04 20.5		608
1990 KG	1995 09 21.45235	22 28 40.05	-28 04 26.7		608
1991 AR <sub>1</sub>	1995 09 22.48925	01 03 11.33	+06 23 20.3		608
1991 AR <sub>1</sub>	1995 09 22.52976	01 03 09.68	+06 23 11.2		608
1991 AR <sub>1</sub>	1995 09 28.50424	00 59 03.18	+05 59 32.5		608
1991 AR <sub>1</sub>	1995 09 28.54096	00 59 01.51	+05 59 23.7		608
1991 TF <sub>4</sub>	1995 09 13.44977	23 14 16.56	-07 56 29.1		608
1991 TF <sub>4</sub>	1995 09 13.48858	23 14 14.38	-07 56 37.5		608
1991 TF <sub>4</sub>	1995 09 20.46619	23 08 07.69	-08 20 38.7		608
1991 TF <sub>4</sub>	1995 09 20.50235	23 08 05.76	-08 20 45.3		608
1991 TF <sub>4</sub>	1995 09 21.48477	23 07 15.91	-08 23 45.9		608
1991 TF <sub>4</sub>	1995 09 21.51147	23 07 14.50	-08 23 50.6		608
1992 WZ <sub>5</sub>	1995 09 01.37659	18 46 36.05	-12 46 25.4		608
1992 WZ <sub>5</sub>	1995 09 01.42723	18 46 35.63	-12 46 27.0		608
1993 GE	1995 08 30.53112	01 20 08.14	-22 55 32.2		608
1993 GE	1995 08 30.54142	01 20 07.83	-22 55 35.6		608
1993 GE	1995 09 13.48336	01 11 40.14	-24 06 11.7		608

1993 GE	1995 09 13.51501	01 11 38.75	-24 06 20.3	608	1995 RD	1995 09 08.43185	23 46 51.08	-17 28 07.5	608
1993 VW	1995 09 20.48933	00 26 05.10	+15 12 47.7	608	1995 RD	1995 09 14.46394	23 41 10.71	-18 09 36.4	608
1993 VW	1995 09 20.52579	00 26 02.13	+15 12 29.5	608	1995 RD	1995 09 14.50843	23 41 07.99	-18 09 53.1	608
1993 VW	1995 09 22.47829	00 23 25.94	+14 55 38.3	608	1995 RN	* 1995 09 01.44025	22 55 36.47	+04 02 35.8	608
1993 VW	1995 09 22.51959	00 23 22.50	+14 55 15.7	608	1995 RN	1995 09 01.49155	22 55 33.75	+04 02 16.6	608
1994 GH <sub>9</sub>	1995 09 01.38109	19 53 02.93	-05 07 23.9	608	1995 RN	1995 09 14.37984	22 44 54.62	+02 34 51.4	608
1994 GH <sub>9</sub>	1995 09 01.43159	19 53 01.77	-05 07 40.2	608	1995 RN	1995 09 14.42366	22 44 52.41	+02 34 31.7	608
1994 GH <sub>9</sub>	1995 09 08.36764	19 51 00.40	-05 45 34.9	608	1995 RN	1995 09 15.43368	22 44 05.30	+02 27 11.6	608
1994 GH <sub>9</sub>	1995 09 08.41409	19 50 59.73	-05 45 50.1	608	1995 RN	1995 09 15.46981	22 44 03.54	+02 26 55.8	608
1994 GH <sub>9</sub>	1995 09 08.44991	19 50 59.29	-05 46 01.2	608	1995 RO	* 1995 09 01.44025	22 55 37.95	+04 03 40.0	608
1994 LK	1995 08 30.53418	01 34 38.02	+15 08 10.0	608	1995 RO	1995 09 01.49155	22 55 35.42	+04 03 22.2	608
1994 LK	1995 09 07.47678	01 32 52.80	+14 11 28.9	608	1995 RO	1995 09 14.37558	22 45 31.10	+02 37 22.7	608
1994 LK	1995 09 07.51516	01 32 52.03	+14 11 11.0	608	1995 RO	1995 09 14.41922	22 45 28.96	+02 37 02.5	608
1994 LK	1995 09 13.51906	01 30 41.65	+13 20 27.6	608	1995 RO	1995 09 15.42456	22 44 43.55	+02 29 42.6	608
1994 LK	1995 09 13.53310	01 30 41.27	+13 20 20.1	608	1995 RO	1995 09 15.46510	22 44 41.64	+02 29 24.8	608
1994 LL	1995 08 30.50046	23 52 59.56	-15 29 49.6	608	1995 RO	1995 09 15.50831	22 44 39.61	+02 29 05.9	608
1994 LL	1995 08 30.51847	23 52 58.85	-15 30 05.1	608	1995 RP	* 1995 09 01.50697	23 25 40.23	+04 17 28.7	608
1994 LL	1995 09 07.46184	23 47 43.74	-17 20 04.6	608	1995 RP	1995 09 01.54259	23 25 38.34	+04 17 23.1	608
1994 LL	1995 09 07.49988	23 47 42.00	-17 20 35.5	608	1995 RP	1995 09 14.45978	23 14 19.47	+03 30 56.6	608
1994 LL	1995 09 14.48707	23 42 35.53	-18 52 35.6	608	1995 RP	1995 09 14.50422	23 14 17.01	+03 30 46.0	608
1994 LL	1995 09 14.53100	23 42 33.49	-18 53 08.9	608	1995 RQ	* 1995 09 14.38538	22 33 13.57	-23 46 49.7	608
1995 LE	1995 09 07.47936	04 02 22.45	+30 45 50.0	608	1995 RQ	1995 09 14.43267	22 33 11.16	-23 46 54.5	608
1995 LE	1995 09 07.48038	04 02 22.61	+30 45 51.0	608	1995 RQ	1995 09 15.40339	22 32 26.21	-23 48 28.6	608
1995 LE	1995 09 07.48252	04 02 22.83	+30 45 50.6	608	1995 RQ	1995 09 15.45090	22 32 23.87	-23 48 32.3	608
1995 LE	1995 09 07.48355	04 02 22.95	+30 45 51.4	608	1995 RR	* 1995 09 14.38538	22 33 35.40	-23 47 13.4	608
1995 QY <sub>2</sub>	1995 09 20.36782	21 19 44.76	-22 23 37.8	608	1995 RR	1995 09 14.43267	22 33 33.01	-23 47 21.4	608
1995 QY <sub>2</sub>	1995 09 20.41218	21 19 43.32	-22 24 23.9	608	1995 RR	1995 09 15.40778	22 32 47.65	-23 50 00.7	608
1995 QY <sub>2</sub>	1995 09 21.39816	21 19 16.05	-22 41 28.3	608	1995 RR	1995 09 15.45606	22 32 45.30	-23 50 07.8	608
1995 QY <sub>2</sub>	1995 09 21.43263	21 19 15.03	-22 42 03.2	608	1995 RR	1995 09 20.39638	22 29 08.12	-24 00 21.1	608
1995 QH <sub>3</sub>	1995 09 14.39623	23 13 45.63	+03 25 40.1	608	1995 RR	1995 09 20.43980	22 29 06.25	-24 00 24.7	608
1995 QH <sub>3</sub>	1995 09 14.44137	23 13 43.20	+03 25 27.8	608	1995 RR	1995 09 21.42132	22 28 26.17	-24 01 42.4	608
1995 QH <sub>3</sub>	1995 09 15.44251	23 12 52.27	+03 20 51.1	608	1995 RR	1995 09 21.45642	22 28 24.67	-24 01 46.9	608
1995 QH <sub>3</sub>	1995 09 15.49247	23 12 49.60	+03 20 37.1	608	1995 RS	* 1995 09 14.38538	22 33 36.48	-23 52 24.7	608
1995 QJ <sub>3</sub>	1995 09 14.39109	23 16 04.96	+02 16 08.0	608	1995 RS	1995 09 14.43267	22 33 34.51	-23 52 28.4	608
1995 QJ <sub>3</sub>	1995 09 14.43693	23 16 03.05	+02 15 42.6	608	1995 RS	1995 09 15.40778	22 33 01.00	-23 53 51.4	608
1995 QJ <sub>3</sub>	1995 09 15.43837	23 15 22.28	+02 06 10.1	608	1995 RS	1995 09 15.42876	22 33 00.18	-23 53 55.0	608
1995 QJ <sub>3</sub>	1995 09 15.47407	23 15 20.76	+02 05 50.0	608	1995 RS	1995 09 15.45606	22 32 59.13	-23 53 55.0	608
1995 QN <sub>3</sub>	1995 09 20.40483	22 31 45.37	+00 04 34.3	608	1995 RS	1995 09 15.46094	22 32 58.93	-23 53 56.8	608
1995 QN <sub>3</sub>	1995 09 20.45296	22 31 43.73	+00 03 49.9	608	1995 RS	1995 09 20.40059	22 30 30.90	-23 55 46.8	608
1995 QN <sub>3</sub>	1995 09 21.47528	22 31 12.84	-00 11 45.2	608	1995 RS	1995 09 20.44399	22 30 29.61	-23 55 45.1	608
1995 QN <sub>3</sub>	1995 09 21.50147	22 31 12.03	-00 12 08.5	608	1995 RS	1995 09 20.46146	22 30 29.08	-23 55 44.3	608
1995 QW <sub>3</sub>	1995 09 07.37140	21 05 08.20	+25 18 36.1	608	1995 RS	1995 09 21.42552	22 30 05.22	-23 55 01.6	608
1995 QW <sub>3</sub>	1995 09 07.42345	21 05 06.40	+25 18 06.3	608	1995 RS	1995 09 21.46095	22 30 04.24	-23 54 59.4	608
1995 QW <sub>3</sub>	1995 09 08.37167	21 04 37.56	+25 08 40.1	608	1995 RS	1995 09 21.47051	22 30 03.97	-23 54 58.5	608
1995 QW <sub>3</sub>	1995 09 08.41846	21 04 35.98	+25 08 13.4	608	1995 RS	1995 09 21.49660	22 30 03.25	-23 54 56.7	608
1995 RA	1995 09 20.37130	21 21 25.99	+18 14 02.2	608	1995 RT	* 1995 09 15.40778	22 32 48.36	-23 54 18.1	608
1995 RA	1995 09 20.41498	21 21 23.83	+18 14 08.3	608	1995 RT	1995 09 15.45606	22 32 46.60	-23 54 23.0	608
1995 RA	1995 09 21.40130	21 20 40.26	+18 16 33.0	608	1995 RT	1995 09 20.40059	22 30 17.10	-23 58 33.8	608
1995 RA	1995 09 21.43564	21 20 38.61	+18 16 35.5	608	1995 RT	1995 09 20.44399	22 30 15.82	-23 58 34.7	608
1995 RD	* 1995 09 07.46184	23 47 43.55	-17 20 54.8	608	1995 RT	1995 09 20.46146	22 30 15.26	-23 58 33.7	608
1995 RD	1995 09 07.49988	23 47 41.34	-17 21 11.7	608	1995 RT	1995 09 21.42552	22 29 49.75	-23 58 34.9	608
1995 RD	1995 09 08.39735	23 46 52.99	-17 27 53.5	608	1995 RT	1995 09 21.46095	22 29 48.77	-23 58 34.7	608

1995 SS <sub>1</sub>	* 1995 09 20.46446	22 55 15.61	+03 52 14.2	608	(433)	1995 09 14.53446	00 01 31.14	+24 58 47.2	608
1995 SS <sub>1</sub>	1995 09 20.50007	22 55 13.68	+03 52 09.8	608	(575)	1995 09 13.52411	01 36 00.60	+20 31 59.4	608
1995 SS <sub>1</sub>	1995 09 22.39368	22 53 37.19	+03 47 30.7	608	(575)	1995 09 13.53529	01 36 00.14	+20 32 03.6	608
1995 SS <sub>1</sub>	1995 09 22.44058	22 53 34.73	+03 47 23.6	608	(862)	1995 09 15.50110	01 03 01.15	+28 25 43.9	608
1995 SS <sub>1</sub>	1995 09 28.39433	22 48 54.37	+03 32 01.1	608	(862)	1995 09 15.53640	01 02 59.62	+28 25 49.7	608
1995 SS <sub>1</sub>	1995 09 28.43817	22 48 52.35	+03 31 54.4	608	(862)	1995 09 20.49252	00 59 22.71	+28 36 17.8	608
1995 ST <sub>1</sub>	* 1995 09 20.48090	23 32 13.73	+11 32 51.9	608	(862)	1995 09 20.52925	00 59 20.92	+28 36 20.9	608
1995 ST <sub>1</sub>	1995 09 20.51581	23 32 12.16	+11 32 42.0	608	(862)	1995 09 22.52711	00 57 45.44	+28 38 43.1	608
1995 ST <sub>1</sub>	1995 09 22.40206	23 30 47.56	+11 23 45.0	608	(1158)	1995 09 07.49688	01 27 19.93	+20 01 28.0	608
1995 ST <sub>1</sub>	1995 09 22.45053	23 30 45.32	+11 23 30.9	608	(1158)	1995 09 07.52690	01 27 19.01	+20 01 42.2	608
1995 SU <sub>1</sub>	* 1995 09 20.48090	23 32 15.15	+11 31 13.5	608	(1669)	1995 09 01.48341	23 20 44.39	-05 01 15.6	608
1995 SU <sub>1</sub>	1995 09 20.51581	23 32 13.48	+11 31 02.0	608	(1669)	1995 09 13.41017	23 12 08.13	-05 53 37.9	608
1995 SU <sub>1</sub>	1995 09 22.40206	23 30 43.88	+11 21 20.1	608	(1669)	1995 09 13.44053	23 12 06.77	-05 53 45.8	608
1995 SU <sub>1</sub>	1995 09 22.45053	23 30 41.59	+11 21 04.5	608	(1784)	1995 09 20.46619	23 08 01.30	-08 18 57.0	608
1995 SV <sub>1</sub>	* 1995 09 20.48933	00 26 23.77	+15 10 56.8	608	(1784)	1995 09 20.50235	23 07 59.42	-08 19 07.5	608
1995 SV <sub>1</sub>	1995 09 20.52579	00 26 21.87	+15 10 52.0	608	(1784)	1995 09 21.48477	23 07 10.95	-08 23 54.8	608
1995 SV <sub>1</sub>	1995 09 22.48319	00 24 41.63	+15 06 13.3	608	(2243)	1995 09 08.52641	02 00 32.87	+09 04 37.4	608
1995 SV <sub>1</sub>	1995 09 22.52387	00 24 39.48	+15 06 07.2	608	(2243)	1995 09 08.53944	02 00 32.68	+09 04 40.0	608
1995 SW <sub>1</sub>	* 1995 09 21.46619	22 29 49.51	-23 48 49.0	608	(2419)	1995 09 07.49424	01 26 09.05	+05 33 02.9	608
1995 SW <sub>1</sub>	1995 09 21.49223	22 29 48.21	-23 48 41.6	608	(2419)	1995 09 07.52431	01 26 08.53	+05 32 51.8	608
1995 SW <sub>1</sub>	1995 09 22.38486	22 29 05.14	-23 44 44.0	608	(2419)	1995 09 08.47343	01 25 54.53	+05 26 56.8	608
1995 SW <sub>1</sub>	1995 09 22.43200	22 29 02.88	-23 44 32.1	608	(2419)	1995 09 08.49257	01 25 54.22	+05 26 49.5	608
1995 SX <sub>1</sub>	* 1995 09 21.46619	22 29 57.83	-23 48 27.3	608	(2419)	1995 09 08.52125	01 25 53.70	+05 26 38.7	608
1995 SX <sub>1</sub>	1995 09 21.49223	22 29 56.73	-23 48 25.4	608	(2642)	1995 09 13.45262	23 17 12.90	+10 55 39.6	608
1995 SX <sub>1</sub>	1995 09 22.38042	22 29 23.62	-23 47 25.7	608	(2642)	1995 09 13.49067	23 17 11.33	+10 55 07.2	608
1995 SX <sub>1</sub>	1995 09 22.38486	22 29 23.21	-23 47 26.5	608	(2642)	1995 09 14.48012	23 16 33.65	+10 40 57.3	608
1995 SX <sub>1</sub>	1995 09 22.42784	22 29 21.68	-23 47 21.7	608	(2642)	1995 09 14.52516	23 16 31.81	+10 40 17.9	608
1995 SX <sub>1</sub>	1995 09 22.43200	22 29 21.43	-23 47 22.3	608	(2643)	1995 09 07.48807	00 29 42.39	+11 14 28.7	608
1995 SY <sub>1</sub>	* 1995 09 21.46619	22 30 11.49	-23 46 21.2	608	(2643)	1995 09 07.51865	00 29 40.17	+11 14 57.0	608
1995 SY <sub>1</sub>	1995 09 21.49223	22 30 10.20	-23 46 03.5	608	(2643)	1995 09 08.44166	00 28 34.90	+11 29 17.7	608
1995 SY <sub>1</sub>	1995 09 22.38949	22 29 28.91	-23 36 11.7	608	(2643)	1995 09 08.47704	00 28 32.22	+11 29 50.5	608
1995 SY <sub>1</sub>	1995 09 22.43628	22 29 26.64	-23 35 41.7	608	(3023)	1995 09 13.47823	00 23 03.83	+08 09 44.1	608
(72)	1995 09 01.51044	23 56 10.98	+06 26 16.2	608	(3023)	1995 09 13.50957	00 23 02.13	+08 09 32.8	608
(72)	1995 09 07.46856	23 51 51.86	+05 45 03.6	608	(3023)	1995 09 15.49596	00 21 17.83	+07 57 19.3	608
(72)	1995 09 07.50661	23 51 49.97	+05 44 46.3	608	(3023)	1995 09 15.53036	00 21 15.91	+07 57 06.1	608
(72)	1995 09 08.39427	23 51 08.78	+05 37 58.4	608	(3104)	1995 09 13.48030	00 29 03.75	-08 47 57.0	608
(72)	1995 09 08.43566	23 51 06.70	+05 37 39.4	608	(3104)	1995 09 13.51169	00 29 02.59	-08 48 22.1	608
(72)	1995 09 13.51723	23 46 58.45	+04 56 05.0	608	(3806)	1995 09 22.36363	21 04 40.27	-03 52 19.5	608
(72)	1995 09 13.53120	23 46 57.73	+04 55 57.5	608	(3806)	1995 09 22.40914	21 04 40.19	-03 52 46.0	608
(160)	1995 09 01.40481	21 39 59.45	-18 08 58.3	608	(3806)	1995 09 28.36529	21 05 25.01	-04 51 12.4	608
(160)	1995 09 08.37380	21 34 41.50	-18 22 36.5	608	(3806)	1995 09 28.40311	21 05 25.44	-04 51 33.4	608
(160)	1995 09 08.42067	21 34 39.43	-18 22 40.5	608	(4478)	1995 09 08.47020	01 22 36.05	+14 23 08.1	608
(224)	1995 09 01.42021	22 14 03.91	-14 24 33.1	608	(4478)	1995 09 08.48904	01 22 35.48	+14 23 04.0	608
(224)	1995 09 07.37370	22 08 49.75	-14 36 47.5	608	(4478)	1995 09 13.48608	01 19 43.73	+14 12 29.6	608
(224)	1995 09 07.42668	22 08 46.97	-14 36 53.0	608	(4478)	1995 09 13.52159	01 19 42.28	+14 12 24.1	608
(225)	1995 09 13.47603	23 46 23.40	+11 20 21.7	608	(5143)	1995 09 14.47733	23 08 18.50	+03 45 02.1	608
(225)	1995 09 13.50725	23 46 22.18	+11 19 59.5	608	(5143)	1995 09 14.52169	23 08 15.18	+03 44 43.3	608
(225)	1995 09 14.48939	23 45 46.39	+11 08 36.3	608	(5332)	1995 09 08.38035	20 48 55.51	-18 44 36.4	608
(225)	1995 09 14.53333	23 45 44.70	+11 08 05.4	608	(5332)	1995 09 08.42294	20 48 53.04	-18 45 09.0	608
(433)	1995 09 13.52979	00 03 10.96	+24 50 56.1	608	(5407)	1995 09 13.46238	23 37 22.79	-21 37 17.8	608
(433)	1995 09 13.53794	00 03 10.13	+24 51 00.1	608	(5407)	1995 09 13.49808	23 37 20.11	-21 37 39.4	608
(433)	1995 09 14.49139	00 01 35.65	+24 58 28.4	608	(5407)	1995 09 14.48258	23 36 08.17	-21 47 17.6	608

(5407)	1995 09 14.52777	23 36 04.72	-21 47 43.2	608
(6489)	1995 09 15.48389	00 06 41.02	+05 37 11.6	608
(6489)	1995 09 15.51853	00 06 38.20	+05 36 40.7	608
(6489)	1995 09 20.48513	00 00 55.40	+04 25 35.2	608
(6489)	1995 09 20.52003	00 00 52.91	+04 25 06.4	608
(6489)	1995 09 22.47397	23 58 49.86	+03 59 00.6	608
(6489)	1995 09 22.51536	23 58 47.05	+03 58 28.3	608
(6491)	1995 09 20.45720	22 38 10.28	+02 20 46.7	608
(6491)	1995 09 20.49707	22 38 08.85	+02 20 33.9	608
(6491)	1995 09 21.48012	22 37 39.32	+02 15 25.3	608
(6491)	1995 09 21.50682	22 37 38.45	+02 15 17.3	608
(6561)	1995 09 13.45947	23 49 06.04	-05 51 43.9	608
(6561)	1995 09 13.49581	23 49 04.60	-05 52 14.6	608

**657 Victoria, Climenhaga Observatory**

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

Observer D. D. Balam  
Measurer D. D. Balam  
0.5-m reflector + CCD  
GSC

1995 QW <sub>3</sub>	1995 09 21.24946	21 01 08.38	+22 37 42.2	657
1995 QW <sub>3</sub>	1995 09 21.25681	21 01 08.35	+22 37 35.1	657
1995 QW <sub>3</sub>	1995 09 21.26140	21 01 08.33	+22 37 30.0	657
1995 RA	1995 09 21.27999	21 20 45.61	+18 16 10.2	657
1995 RA	1995 09 21.28745	21 20 45.29	+18 16 11.0	657
1995 RA	1995 09 21.29296	21 20 45.03	+18 16 11.8	657
1995 SR	1995 09 21.18219	22 31 40.03	+28 30 14.8	657
1995 SR	1995 09 21.18627	22 31 39.93	+28 30 08.9	657
1995 SR	1995 09 21.19314	22 31 39.76	+28 30 01.4	657

**658 Dominion Astrophysical Observatory, Victoria**

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

Observer D. D. Balam  
Measurer D. D. Balam  
1.82-m Plaskett telescope + CCD  
GSC

1992 TB	1995 09 15.20176	22 07 21.29	+12 33 02.8	658
1992 TB	1995 09 15.20681	22 07 20.91	+12 32 52.0	658
1992 TB	1995 09 15.21023	22 07 20.66	+12 32 44.7	658
1993 PB	1995 09 15.18756	21 28 50.93	+21 54 53.1	658
1993 PB	1995 09 15.19155	21 28 50.56	+21 54 51.6	658
1993 PB	1995 09 15.19572	21 28 50.02	+21 54 49.8	658
1993 VW	1995 09 15.38358	00 32 28.56	+15 50 43.6	658
1993 VW	1995 09 15.38852	00 32 28.22	+15 50 41.8	658
1993 VW	1995 09 15.39288	00 32 27.89	+15 50 40.1	658
1994 TF <sub>2</sub>	1995 09 15.39892	01 36 52.11	+02 40 44.7	658
1994 TF <sub>2</sub>	1995 09 15.40095	01 36 52.01	+02 40 35.9	658
1994 TF <sub>2</sub>	1995 09 15.40326	01 36 51.88	+02 40 24.9	658
1995 QG	1995 09 15.36770	01 30 05.35	+27 21 18.5	658
1995 QG	1995 09 15.37213	01 30 05.19	+27 21 20.3	658
1995 QG	1995 09 15.37701	01 30 05.03	+27 21 22.3	658

1995 QA <sub>1</sub>	1995 09 15.27609	22 28 30.29	-06 45 03.3	658
1995 QA <sub>1</sub>	1995 09 15.27878	22 28 30.16	-06 45 03.5	658
1995 QA <sub>1</sub>	1995 09 15.28306	22 28 29.93	-06 45 03.9	658
1995 QC <sub>1</sub>	1995 09 15.29237	22 33 36.13	-09 54 08.3	658
1995 QC <sub>1</sub>	1995 09 15.29484	22 33 35.98	-09 54 09.8	658
1995 QC <sub>1</sub>	1995 09 15.29819	22 33 35.87	-09 54 11.6	658
1995 QE <sub>2</sub>	1995 09 15.21647	21 45 21.28	+21 47 50.9	658
1995 QE <sub>2</sub>	1995 09 15.22010	21 45 21.18	+21 47 48.3	658
1995 QE <sub>2</sub>	1995 09 15.22238	21 45 21.11	+21 47 46.7	658
1995 QR <sub>2</sub>	1995 09 15.40934	22 46 20.24	+02 29 46.9	17.3 R 658
1995 QR <sub>2</sub>	1995 09 15.41262	22 46 20.09	+02 29 45.5	658
1995 QR <sub>2</sub>	1995 09 15.41655	22 46 19.91	+02 29 43.7	658
1995 QN <sub>3</sub>	1995 09 15.32300	22 34 43.94	+01 26 15.3	658
1995 QN <sub>3</sub>	1995 09 15.32650	22 34 43.79	+01 26 11.7	658
1995 QN <sub>3</sub>	1995 09 15.32990	22 34 43.66	+01 26 08.2	658
1995 RA	1995 09 15.17510	21 25 58.92	+17 56 35.9	658
1995 RA	1995 09 15.17683	21 25 58.82	+17 56 36.3	658
1995 RA	1995 09 15.18030	21 25 58.60	+17 56 37.2	658

**670 Camarillo**

J. E. Rogers, 441 Rowland Avenue, Camarillo, CA 93010, U.S.A.  
[72401.3174@compuserve.com]

0.25-m Schmidt-Cassegrain + CCD  
GSC

1995 LH	1995 09 30.21875	21 25 00.20	-36 37 05.2	16.9 V 670
1995 LH	1995 09 30.22917	21 25 00.78	-36 36 53.6	670
1995 LH	1995 09 30.23958	21 25 01.40	-36 36 40.6	670
1995 LH	1995 10 01.13681	21 26 03.95	-36 18 45.8	670
1995 LH	1995 10 01.16250	21 26 05.74	-36 18 13.7	670
1995 LH	1995 10 01.17431	21 26 06.41	-36 17 59.7	17.0 V 670
1995 QY <sub>2</sub>	1995 09 30.16667	21 16 58.22	-24 59 45.4	670
1995 QY <sub>2</sub>	1995 09 30.18750	21 16 58.02	-25 00 04.1	16.2 V 670
1995 QY <sub>2</sub>	1995 09 30.20833	21 16 57.88	-25 00 21.8	670
1995 QY <sub>2</sub>	1995 10 01.18681	21 16 55.10	-25 14 09.8	670
1995 QY <sub>2</sub>	1995 10 01.20764	21 16 54.99	-25 14 27.8	670
1995 QY <sub>2</sub>	1995 10 01.22847	21 16 54.94	-25 14 45.3	16.0 V 670
1995 TA	* 1995 10 01.23403	01 03 19.65	+07 07 34.8	16.9 V 670
1995 TA	1995 10 01.31632	01 03 14.64	+07 07 08.7	670
1995 TA	1995 10 02.18264	01 02 24.32	+07 02 41.6	16.5 V 670
1995 TA	1995 10 02.26528	01 02 19.20	+07 02 15.7	670
(112)	1995 10 02.11615	20 48 38.99	-17 08 06.3	13.5 V 670
(112)	1995 10 02.15573	20 48 39.92	-17 07 59.8	670

**675 Palomar**

C. J. van Houten, Sterrewacht Leiden, Postbus 9513, NL-2300 RA Leiden, The  
Netherlands [vanhouten@ruhl11.leidenuniv.nl]

Observer T. Gehrels

Measurers C. J. van Houten, I. van Houten-Groeneveld, A. Wisse  
1.2-m Oschin Schmidt

2664 T-3	1977 10 07.25868	01 10 21.90	+09 16 05.4	675
2664 T-3	1977 10 07.27031	01 10 21.43	+09 16 00.8	675
2664 T-3	* 1977 10 11.27743	01 06 27.33	+08 58 42.5	18.4 675
2664 T-3	1977 10 11.28819	01 06 26.63	+08 58 39.5	675



2664 T-3	1977 10 11.34375	01 06 23.24	+08 58 23.1	675	1995 QA <sub>4</sub>	* 1995 08 17.43437	00 50 33.32	+09 15 36.2		691	
2664 T-3	1977 10 11.35642	01 06 22.50	+08 58 22.0	675	1995 QA <sub>4</sub>	1995 08 17.45560	00 50 32.87	+09 15 38.9	19.8 V	691	
2664 T-3	1977 10 12.27587	01 05 28.57	+08 54 14.9	675	1995 QA <sub>4</sub>	1995 08 17.47693	00 50 32.44	+09 15 41.2		691	
2664 T-3	1977 10 12.28681	01 05 27.90	+08 54 12.1	675	1995 QA <sub>4</sub>	1995 08 20.42226	00 49 29.46	+09 20 35.2		691	
2664 T-3	1977 10 12.34271	01 05 24.41	+08 53 55.6	675	1995 QA <sub>4</sub>	1995 08 20.44365	00 49 28.93	+09 20 37.4	20.4 V	691	
2664 T-3	1977 10 12.35347	01 05 23.79	+08 53 54.5	675	1995 QB <sub>4</sub>	* 1995 08 17.43511	00 51 37.07	+09 08 11.8	21.1 V	691	
4195 T-3	1977 10 07.28125	01 32 51.65	+03 16 50.2	675	1995 QB <sub>4</sub>	1995 08 17.45634	00 51 36.67	+09 08 16.1		691	
4195 T-3	1977 10 11.30000	01 29 28.46	+02 30 34.4	675	1995 QB <sub>4</sub>	1995 08 17.47767	00 51 36.33	+09 08 20.6		691	
4195 T-3	1977 10 11.36771	01 29 24.94	+02 29 47.9	675	1995 QB <sub>4</sub>	1995 08 20.42312	00 50 43.57	+09 18 04.0		691	
4195 T-3	1977 10 12.29826	01 28 37.33	+02 19 12.8	675	1995 QB <sub>4</sub>	1995 08 20.44450	00 50 43.15	+09 18 08.0	21.2 V	691	
4195 T-3	1977 10 12.36441	01 28 33.82	+02 18 27.5	675	1995 QB <sub>4</sub>	1995 08 20.46563	00 50 42.68	+09 18 12.0		691	
4195 T-3	* 1977 10 16.28368	01 25 12.76	+01 34 42.0	17.8	675	1995 QC <sub>4</sub>	* 1995 08 17.43602	00 52 56.09	+09 29 31.7	691	
4195 T-3	1977 10 16.34931	01 25 09.16	+01 34 00.5	675	1995 QC <sub>4</sub>	1995 08 17.45725	00 52 55.98	+09 29 40.6	18.7 V	691	
4195 T-3	1977 10 17.28628	01 24 21.52	+01 23 45.5	675	1995 QC <sub>4</sub>	1995 08 17.47859	00 52 55.92	+09 29 49.9		691	
4195 T-3	1977 10 17.35313	01 24 17.98	+01 23 01.2	675	1995 QC <sub>4</sub>	1995 08 22.40159	00 52 23.92	+10 02 31.4	18.8 V	691	
4195 T-3	1977 10 21.38698	01 20 55.06	+00 40 27.4	675	1995 QC <sub>4</sub>	1995 08 22.42289	00 52 23.62	+10 02 39.4		691	
4195 T-3	1977 10 21.44705	01 20 52.06	+00 39 51.1	675	1995 QC <sub>4</sub>	1995 08 29.40932	00 50 12.06	+10 42 03.3		691	
4195 T-3	1977 10 22.38542	01 20 06.11	+00 30 16.9	675	1995 QC <sub>4</sub>	1995 08 29.43172	00 50 11.40	+10 42 10.0	18.9 V	691	
4195 T-3	1977 10 22.44878	01 20 02.81	+00 29 39.8	675	1995 QC <sub>4</sub>	1995 08 29.45342	00 50 10.79	+10 42 16.7		691	
<b>691 Kitt Peak, Steward Observatory</b>					1995 QD <sub>4</sub>	* 1995 08 17.43711	00 54 30.78	+09 28 11.1	19.5 V	691	
T. Gehrels, Space Sciences Building, University of Arizona, Tucson, AZ 85721, U.S.A. [tgehrels@lpl.arizona.edu]					1995 QD <sub>4</sub>	1995 08 17.45835	00 54 31.29	+09 28 10.6		691	
C. W. Hergenrother, Lunar and Planetary Laboratory, University of Arizona, Tucson, AZ 85721, U.S.A. [chergen@comet.lpl.arizona.edu]					1995 QD <sub>4</sub>	1995 08 17.47970	00 54 31.85	+09 28 10.2		691	
Observers T. Gehrels, R. Jedicke, D. L. Rabinowitz, J. V. Scotti, S. M. Larson					1995 QD <sub>4</sub>	1995 08 20.42660	00 55 45.12	+09 26 13.5	19.7 V	691	
Measurers D. L. Rabinowitz, R. Jedicke, J. V. Scotti, C. W. Hergenrother					1995 QD <sub>4</sub>	1995 08 20.44799	00 55 45.54	+09 26 12.2		691	
0.91-m Spacewatch telescope, 2.3-m reflector + CCD					1995 QD <sub>4</sub>	1995 08 20.46913	00 55 45.93	+09 26 10.7		691	
GSC					1995 QE <sub>4</sub>	* 1995 08 17.43767	00 55 19.22	+09 14 34.1		691	
1981 EQ <sub>24</sub>	1995 08 27.40277	01 00 15.20	+09 19 55.6	691	1995 QE <sub>4</sub>	1995 08 17.45891	00 55 19.64	+09 14 34.8	21.0 V	691	
1981 EQ <sub>24</sub>	1995 08 27.42456	01 00 14.80	+09 19 51.3	18.5 V	691	1995 QE <sub>4</sub>	1995 08 17.48025	00 55 20.05	+09 14 36.8	691	
1981 EQ <sub>24</sub>	1995 08 27.44606	01 00 14.39	+09 19 47.0	691	1995 QE <sub>4</sub>	1995 08 20.42694	00 56 14.63	+09 17 31.2		691	
1981 TJ	1995 08 29.40943	00 50 21.38	+10 58 17.5	18.1 V	691	1995 QE <sub>4</sub>	1995 08 20.44833	00 56 14.92	+09 17 31.9	691	
1981 TJ	1995 08 29.43183	00 50 20.94	+10 58 15.5	691	1995 QE <sub>4</sub>	1995 08 20.46947	00 56 15.14	+09 17 32.7	21.2 V	691	
1981 TJ	1995 08 29.45353	00 50 20.54	+10 58 13.7	691	1995 QF <sub>4</sub>	* 1995 08 17.43927	00 57 37.99	+09 19 47.8	19.1 V	691	
1991 XS <sub>6</sub>	* 1991 12 14.46571	08 06 23.95	+20 40 33.5	20.7 V	691	1995 QF <sub>4</sub>	1995 08 17.46051	00 57 38.25	+09 19 54.0	691	
1991 XS <sub>6</sub>	1991 12 14.48775	08 06 23.19	+20 40 36.3	691	1995 QF <sub>4</sub>	1995 08 17.48185	00 57 38.51	+09 20 00.2		691	
1991 XS <sub>6</sub>	1991 12 14.50949	08 06 22.49	+20 40 37.9	691	1995 QF <sub>4</sub>	1995 08 22.38408	00 58 26.09	+09 41 58.5	19.7 V	691	
1991 XS <sub>6</sub>	1991 12 31.41677	07 54 55.75	+21 14 41.5	20.9 V	691	1995 QF <sub>4</sub>	1995 08 22.40577	00 58 26.14	+09 42 04.0	691	
1991 XS <sub>6</sub>	1991 12 31.43882	07 54 54.67	+21 14 44.1	691	1995 QF <sub>4</sub>	1995 08 22.42708	00 58 26.19	+09 42 09.1		691	
1991 XS <sub>6</sub>	1991 12 31.46082	07 54 53.60	+21 14 46.8	691	1995 QF <sub>4</sub>	1995 08 28.38534	00 58 17.06	+10 02 37.6	19.0 V	691	
1995 OO	1995 09 17.41981	23 31 14.38	-00 04 03.3	20.9 V	691	1995 QF <sub>4</sub>	1995 08 28.42787	00 58 16.62	+10 02 45.1	691	
1995 OO	1995 09 17.42385	23 31 13.99	-00 04 05.1	20.7 V	691	1995 QG <sub>4</sub>	* 1995 08 20.42282	00 50 17.69	+09 15 01.4	691	
1995 OO	1995 09 17.42781	23 31 13.66	-00 04 05.0	21.0 V	691	1995 QG <sub>4</sub>	1995 08 20.44421	00 50 17.56	+09 15 09.2	18.0 V	691
1995 OO	1995 09 27.26419	23 17 04.05	-00 53 35.6	691	1995 QG <sub>4</sub>	1995 08 20.46534	00 50 17.44	+09 15 16.4		691	
1995 QU <sub>3</sub>	1995 09 20.24032	21 50 08.66	+21 42 52.2	691	1995 QG <sub>4</sub>	1995 08 28.37867	00 48 39.62	+09 56 18.1	18.0 V	691	
1995 QU <sub>3</sub>	1995 09 20.24455	21 50 08.41	+21 42 52.2	691	1995 QG <sub>4</sub>	1995 08 28.42120	00 48 38.62	+09 56 29.0		691	
1995 QZ <sub>3</sub>	* 1995 08 17.43300	00 48 34.40	+09 00 47.8	19.6 V	691	1995 QH <sub>4</sub>	* 1995 08 20.42299	00 50 32.70	+09 18 42.9	691	
1995 QZ <sub>3</sub>	1995 08 17.45423	00 48 34.30	+09 00 55.5	691	1995 QH <sub>4</sub>	1995 08 20.44438	00 50 32.37	+09 18 52.3	20.4 V	691	
1995 QZ <sub>3</sub>	1995 08 17.47557	00 48 34.17	+09 01 03.1	691	1995 QH <sub>4</sub>	1995 08 20.46551	00 50 32.04	+09 19 00.8		691	
1995 QZ <sub>3</sub>	1995 08 20.42142	00 48 16.81	+09 17 57.1	691	1995 QH <sub>4</sub>	1995 08 28.44225	00 47 37.85	+10 11 24.7	20.1 V	691	
1995 QZ <sub>3</sub>	1995 08 20.44281	00 48 16.56	+09 18 04.3	19.8 V	691	1995 QH <sub>4</sub>	1995 08 28.46000	00 47 37.32	+10 11 30.6	691	
1995 QZ <sub>3</sub>	1995 08 20.46394	00 48 16.38	+09 18 11.0	691	1995 QH <sub>4</sub>	1995 08 28.47747	00 47 36.77	+10 11 37.0		691	
					1995 QJ <sub>4</sub>	* 1995 08 20.42312	00 50 44.23	+09 06 39.0		691	
					1995 QJ <sub>4</sub>	1995 08 20.44451	00 50 44.08	+09 06 45.4	18.6 V	691	

1995 QJ <sub>4</sub>	1995 08 20.46564	00 50 43.95	+09 06 51.4		691	1995 QR <sub>4</sub>	1995 08 20.48016	01 11 41.49	+09 01 13.6		691
1995 QJ <sub>4</sub>	1995 08 28.37894	00 49 02.56	+09 39 20.4	18.1 V	691	1995 QR <sub>4</sub>	1995 08 28.39544	01 12 52.22	+09 47 10.0	18.2 V	691
1995 QJ <sub>4</sub>	1995 08 28.42146	00 49 01.54	+09 39 28.6		691	1995 QR <sub>4</sub>	1995 08 28.43798	01 12 52.11	+09 47 23.3		691
1995 QK <sub>4</sub>	* 1995 08 20.42396	00 51 56.77	+09 25 45.8		691	1995 QS <sub>4</sub>	* 1995 08 20.43886	01 13 27.23	+09 20 22.7	19.5 V	691
1995 QK <sub>4</sub>	1995 08 20.44535	00 51 56.46	+09 25 45.3		691	1995 QS <sub>4</sub>	1995 08 20.46025	01 13 27.19	+09 20 27.3		691
1995 QK <sub>4</sub>	1995 08 20.46648	00 51 56.12	+09 25 44.6	20.8 V	691	1995 QS <sub>4</sub>	1995 08 20.48138	01 13 27.13	+09 20 32.4		691
1995 QK <sub>4</sub>	1995 08 27.39549	00 49 44.50	+09 19 42.8	21.0 V	691	1995 QS <sub>4</sub>	1995 08 28.39517	01 12 28.76	+09 46 20.7	18.9 V	691
1995 QK <sub>4</sub>	1995 08 27.41728	00 49 44.01	+09 19 41.0		691	1995 QS <sub>4</sub>	1995 08 28.43770	01 12 28.04	+09 46 27.8		691
1995 QK <sub>4</sub>	1995 08 27.43878	00 49 43.49	+09 19 39.2		691	1995 QT <sub>4</sub>	* 1995 08 22.21870	21 08 23.35	-08 04 30.0		691
1995 QL <sub>4</sub>	* 1995 08 20.42532	00 53 54.15	+09 23 46.1	20.1 V	691	1995 QT <sub>4</sub>	1995 08 22.23995	21 08 22.29	-08 04 30.5		691
1995 QL <sub>4</sub>	1995 08 20.44671	00 53 54.62	+09 23 56.2		691	1995 QT <sub>4</sub>	1995 08 22.26105	21 08 21.25	-08 04 30.8	18.7 V	691
1995 QL <sub>4</sub>	1995 08 20.46785	00 53 55.08	+09 24 06.3		691	1995 QT <sub>4</sub>	1995 08 27.23200	21 04 34.37	-08 06 12.8	18.3 V	691
1995 QL <sub>4</sub>	1995 08 22.38145	00 54 38.24	+09 38 38.5		691	1995 QT <sub>4</sub>	1995 08 27.25340	21 04 33.41	-08 06 13.2		691
1995 QL <sub>4</sub>	1995 08 22.40314	00 54 38.66	+09 38 48.5	19.8 V	691	1995 QT <sub>4</sub>	1995 08 27.27442	21 04 32.46	-08 06 13.6		691
1995 QL <sub>4</sub>	1995 08 22.42445	00 54 39.01	+09 38 57.7		691	1995 QU <sub>4</sub>	* 1995 08 22.21935	21 09 19.71	-08 06 00.0		691
1995 QL <sub>4</sub>	1995 08 28.44797	00 56 07.36	+10 21 02.1		691	1995 QU <sub>4</sub>	1995 08 22.24060	21 09 18.62	-08 06 03.8		691
1995 QL <sub>4</sub>	1995 08 28.46573	00 56 07.45	+10 21 08.9	19.8 V	691	1995 QU <sub>4</sub>	1995 08 22.26170	21 09 17.56	-08 06 08.3	20.9 V	691
1995 QL <sub>4</sub>	1995 08 28.48320	00 56 07.56	+10 21 15.6		691	1995 QU <sub>4</sub>	1995 08 27.23255	21 05 22.27	-08 22 07.1		691
1995 QM <sub>4</sub>	* 1995 08 20.42639	00 55 27.46	+09 08 38.3		691	1995 QU <sub>4</sub>	1995 08 27.25395	21 05 21.21	-08 22 11.5		691
1995 QM <sub>4</sub>	1995 08 20.44778	00 55 27.19	+09 08 40.5		691	1995 QU <sub>4</sub>	1995 08 27.27497	21 05 20.30	-08 22 15.0	19.9 V	691
1995 QM <sub>4</sub>	1995 08 20.46891	00 55 26.89	+09 08 42.8	18.2 V	691	1995 QV <sub>4</sub>	* 1995 08 22.22098	21 11 41.18	-08 25 25.1	21.4 V	691
1995 QM <sub>4</sub>	1995 08 27.39812	00 53 31.83	+09 16 45.3	18.3 V	691	1995 QV <sub>4</sub>	1995 08 22.24223	21 11 40.10	-08 25 25.3		691
1995 QM <sub>4</sub>	1995 08 27.41990	00 53 31.31	+09 16 45.8		691	1995 QV <sub>4</sub>	1995 08 22.26333	21 11 39.01	-08 25 26.2		691
1995 QM <sub>4</sub>	1995 08 27.44140	00 53 30.78	+09 16 46.6		691	1995 QV <sub>4</sub>	1995 08 27.23416	21 07 41.95	-08 27 42.7	21.0 V	691
1995 QN <sub>4</sub>	* 1995 08 20.43054	01 01 26.63	+09 28 00.4		691	1995 QV <sub>4</sub>	1995 08 27.25556	21 07 40.94	-08 27 43.3		691
1995 QN <sub>4</sub>	1995 08 20.45193	01 01 26.24	+09 28 02.0		691	1995 QV <sub>4</sub>	1995 08 27.27658	21 07 39.93	-08 27 44.2		691
1995 QN <sub>4</sub>	1995 08 20.47305	01 01 25.90	+09 28 04.3	21.1 V	691	1995 QW <sub>4</sub>	* 1995 08 22.22298	21 14 34.07	-08 04 27.5	20.0 V	691
1995 QN <sub>4</sub>	1995 08 28.38569	00 58 47.83	+09 38 51.6	21.1 V	691	1995 QW <sub>4</sub>	1995 08 22.24423	21 14 32.89	-08 04 30.2		691
1995 QN <sub>4</sub>	1995 08 28.42822	00 58 46.69	+09 38 53.6		691	1995 QW <sub>4</sub>	1995 08 22.26533	21 14 31.72	-08 04 33.0		691
1995 QO <sub>4</sub>	* 1995 08 20.43318	01 05 15.74	+09 18 40.2	19.3 V	691	1995 QW <sub>4</sub>	1995 08 27.23593	21 10 14.60	-08 15 22.9	19.3 V	691
1995 QO <sub>4</sub>	1995 08 20.45457	01 05 15.47	+09 18 42.6		691	1995 QW <sub>4</sub>	1995 08 27.25732	21 10 13.47	-08 15 25.7		691
1995 QO <sub>4</sub>	1995 08 20.47570	01 05 15.20	+09 18 44.9		691	1995 QW <sub>4</sub>	1995 08 27.27834	21 10 12.41	-08 15 28.4		691
1995 QO <sub>4</sub>	1995 08 27.40493	01 03 22.53	+09 29 03.4		691	1995 QX <sub>4</sub>	* 1995 08 22.23062	21 25 36.04	-08 11 33.5		691
1995 QO <sub>4</sub>	1995 08 27.42672	01 03 22.05	+09 29 04.9	19.2 V	691	1995 QX <sub>4</sub>	1995 08 22.25187	21 25 34.70	-08 11 37.0	19.1 V	691
1995 QO <sub>4</sub>	1995 08 27.44822	01 03 21.58	+09 29 06.1		691	1995 QX <sub>4</sub>	1995 08 22.27296	21 25 33.34	-08 11 40.1		691
1995 QP <sub>4</sub>	* 1995 08 20.43390	01 06 17.48	+09 29 38.6	20.8 V	691	1995 QX <sub>4</sub>	1995 08 27.24305	21 20 31.85	-08 24 23.4		691
1995 QP <sub>4</sub>	1995 08 20.45529	01 06 17.21	+09 29 40.9		691	1995 QX <sub>4</sub>	1995 08 27.26445	21 20 30.53	-08 24 27.1	19.1 V	691
1995 QP <sub>4</sub>	1995 08 20.47641	01 06 16.94	+09 29 44.0		691	1995 QX <sub>4</sub>	1995 08 27.28546	21 20 29.24	-08 24 30.6		691
1995 QP <sub>4</sub>	1995 08 22.38923	01 05 52.21	+09 33 36.4	20.6 V	691	1995 QY <sub>4</sub>	* 1995 08 22.23083	21 25 54.55	-08 07 46.6	20.9 V	691
1995 QP <sub>4</sub>	1995 08 22.41091	01 05 51.86	+09 33 38.8		691	1995 QY <sub>4</sub>	1995 08 22.25209	21 25 53.96	-08 07 51.4		691
1995 QP <sub>4</sub>	1995 08 22.43222	01 05 51.50	+09 33 41.3		691	1995 QY <sub>4</sub>	1995 08 22.27320	21 25 53.35	-08 07 56.1		691
1995 QQ <sub>4</sub>	* 1995 08 20.43469	01 07 25.79	+09 20 56.4	21.1 V	691	1995 QY <sub>4</sub>	1995 08 27.24517	21 23 35.62	-08 25 44.0		691
1995 QQ <sub>4</sub>	1995 08 20.45608	01 07 26.02	+09 21 04.9		691	1995 QY <sub>4</sub>	1995 08 27.26658	21 23 34.98	-08 25 47.7		691
1995 QQ <sub>4</sub>	1995 08 20.47721	01 07 26.22	+09 21 13.3		691	1995 QY <sub>4</sub>	1995 08 27.28760	21 23 34.39	-08 25 52.8	20.2 V	691
1995 QQ <sub>4</sub>	1995 08 22.39057	01 07 48.00	+09 33 38.5	20.9 V	691	1995 QZ <sub>4</sub>	1995 06 05.44720	21 52 25.59	-11 44 10.9		691
1995 QQ <sub>4</sub>	1995 08 22.41226	01 07 48.13	+09 33 46.8		691	1995 QZ <sub>4</sub>	1995 06 05.45388	21 52 25.92	-11 44 07.0	20.4 V	691
1995 QQ <sub>4</sub>	1995 08 22.43356	01 07 48.25	+09 33 54.8		691	1995 QZ <sub>4</sub>	1995 06 05.46075	21 52 26.24	-11 44 03.6		691
1995 QQ <sub>4</sub>	1995 08 28.45622	01 08 02.09	+10 08 46.6		691	1995 QZ <sub>4</sub>	1995 07 03.39786	22 03 25.12	-08 34 25.7		691
1995 QQ <sub>4</sub>	1995 08 28.47397	01 08 01.96	+10 08 52.1	21.2 V	691	1995 QZ <sub>4</sub>	1995 07 03.42601	22 03 24.92	-08 34 17.6	19.9 V	691
1995 QQ <sub>4</sub>	1995 08 28.49145	01 08 01.82	+10 08 57.7		691	1995 QZ <sub>4</sub>	1995 07 03.45077	22 03 24.71	-08 34 10.4		691
1995 QR <sub>4</sub>	* 1995 08 20.43763	01 11 40.88	+09 00 57.3		691	1995 QZ <sub>4</sub>	* 1995 08 22.23110	21 26 17.81	-08 03 04.9		691
1995 QR <sub>4</sub>	1995 08 20.45903	01 11 41.19	+09 01 05.2	18.7 V	691	1995 QZ <sub>4</sub>	1995 08 22.25235	21 26 16.54	-08 03 08.3	19.4 V	691

1995 QZ <sub>4</sub>	1995 08 22.27345	21 26 15.27	-08 03 11.4		691	1995 QH <sub>5</sub>	1995 08 27.27561	21 06 16.00	-08 07 57.9		691
1995 QZ <sub>4</sub>	1995 08 27.24388	21 21 43.58	-08 15 00.5	19.0 V	691	1995 QJ <sub>5</sub>	* 1995 08 22.28566	21 11 05.03	-07 31 43.2		691
1995 QZ <sub>4</sub>	1995 08 27.26528	21 21 42.41	-08 15 03.8		691	1995 QJ <sub>5</sub>	1995 08 22.30675	21 11 03.76	-07 31 43.2	18.4 V	691
1995 QZ <sub>4</sub>	1995 08 27.28630	21 21 41.27	-08 15 07.1		691	1995 QJ <sub>5</sub>	1995 08 22.32885	21 11 02.47	-07 31 43.5		691
1995 QZ <sub>4</sub>	1995 09 02.20443	21 17 01.00	-08 29 13.5	19.4 V	691	1995 QJ <sub>5</sub>	1995 08 28.25154	21 05 35.27	-07 33 07.0		691
1995 QZ <sub>4</sub>	1995 09 02.22573	21 17 00.04	-08 29 16.5		691	1995 QJ <sub>5</sub>	1995 08 28.27264	21 05 34.16	-07 33 06.8	18.8 V	691
1995 QZ <sub>4</sub>	1995 09 02.24733	21 16 59.04	-08 29 19.6		691	1995 QJ <sub>5</sub>	1995 08 28.29359	21 05 33.02	-07 33 07.5		691
1995 QA <sub>5</sub>	* 1995 08 22.23145	21 26 47.72	-08 07 34.8	17.8 V	691	1995 QK <sub>5</sub>	* 1995 08 22.28658	21 12 24.92	-07 42 00.4		691
1995 QA <sub>5</sub>	1995 08 22.25270	21 26 46.57	-08 07 40.6		691	1995 QK <sub>5</sub>	1995 08 22.30768	21 12 23.65	-07 42 05.0	20.8 V	691
1995 QA <sub>5</sub>	1995 08 22.27380	21 26 45.41	-08 07 46.0		691	1995 QK <sub>5</sub>	1995 08 22.32978	21 12 22.37	-07 42 11.0		691
1995 QA <sub>5</sub>	1995 08 27.24441	21 22 29.51	-08 29 14.4		691	1995 QK <sub>5</sub>	1995 08 27.23432	21 07 55.80	-08 02 19.4	21.3 V	691
1995 QA <sub>5</sub>	1995 08 27.26581	21 22 28.50	-08 29 19.3	16.8 V	691	1995 QK <sub>5</sub>	1995 08 27.27674	21 07 53.51	-08 02 30.3		691
1995 QA <sub>5</sub>	1995 08 27.28683	21 22 27.32	-08 29 25.5		691	1995 QK <sub>5</sub>	1995 09 02.19481	21 03 07.28	-08 26 52.9		691
1995 QB <sub>5</sub>	* 1995 08 22.23191	21 27 28.26	-08 02 44.5	20.9 V	691	1995 QK <sub>5</sub>	1995 09 02.21611	21 03 06.21	-08 26 58.6	20.9 V	691
1995 QB <sub>5</sub>	1995 08 22.25317	21 27 27.14	-08 02 50.5		691	1995 QK <sub>5</sub>	1995 09 02.23770	21 03 05.22	-08 27 03.4		691
1995 QB <sub>5</sub>	1995 08 27.24522	21 23 39.81	-08 26 15.5	20.9 V	691	1995 QL <sub>5</sub>	* 1995 08 22.28694	21 12 55.91	-07 27 00.6	20.1 V	691
1995 QB <sub>5</sub>	1995 08 27.26662	21 23 38.77	-08 26 21.9		691	1995 QL <sub>5</sub>	1995 08 22.30804	21 12 54.86	-07 27 03.1		691
1995 QB <sub>5</sub>	1995 08 27.28764	21 23 37.75	-08 26 28.2		691	1995 QL <sub>5</sub>	1995 08 22.33014	21 12 53.81	-07 27 06.0		691
1995 QC <sub>5</sub>	* 1995 08 22.25294	21 27 07.53	-08 02 42.8		691	1995 QL <sub>5</sub>	1995 08 28.25351	21 08 25.91	-07 40 06.6	20.1 V	691
1995 QC <sub>5</sub>	1995 08 22.27404	21 27 06.39	-08 02 42.0	21.8 V	691	1995 QL <sub>5</sub>	1995 08 28.27461	21 08 25.01	-07 40 09.4		691
1995 QC <sub>5</sub>	1995 08 27.24466	21 22 50.99	-08 00 13.4		691	1995 QL <sub>5</sub>	1995 08 28.29557	21 08 24.05	-07 40 12.3		691
1995 QC <sub>5</sub>	1995 08 27.26606	21 22 49.86	-08 00 11.6	20.9 V	691	1995 QL <sub>5</sub>	1995 09 03.17835	21 04 25.42	-07 53 19.6		691
1995 QC <sub>5</sub>	1995 08 27.28708	21 22 48.79	-08 00 11.7		691	1995 QL <sub>5</sub>	1995 09 03.19946	21 04 24.57	-07 53 22.4		691
1995 QD <sub>5</sub>	* 1995 08 22.28211	21 05 57.86	-07 36 02.4		691	1995 QL <sub>5</sub>	1995 09 03.22060	21 04 23.76	-07 53 24.6	20.4 V	691
1995 QD <sub>5</sub>	1995 08 22.30321	21 05 56.85	-07 36 11.6	18.0 V	691	1995 QM <sub>5</sub>	* 1995 08 22.28730	21 13 26.86	-07 50 02.7		691
1995 QD <sub>5</sub>	1995 08 22.32531	21 05 55.77	-07 36 21.6		691	1995 QM <sub>5</sub>	1995 08 22.30839	21 13 25.90	-07 50 06.8	19.0 V	691
1995 QD <sub>5</sub>	1995 08 27.23069	21 02 14.40	-08 13 04.7		691	1995 QM <sub>5</sub>	1995 08 22.33050	21 13 24.92	-07 50 11.1		691
1995 QD <sub>5</sub>	1995 08 27.25210	21 02 13.45	-08 13 14.2	18.6 V	691	1995 QM <sub>5</sub>	1995 09 02.19687	21 06 05.89	-08 26 00.0	19.6 V	691
1995 QD <sub>5</sub>	1995 08 27.27312	21 02 12.50	-08 13 23.4		691	1995 QM <sub>5</sub>	1995 09 02.21817	21 06 05.09	-08 26 04.4		691
1995 QE <sub>5</sub>	* 1995 08 22.28360	21 08 06.81	-07 28 22.9		691	1995 QM <sub>5</sub>	1995 09 02.23977	21 06 04.24	-08 26 08.6		691
1995 QE <sub>5</sub>	1995 08 22.30470	21 08 05.70	-07 28 28.5	20.4 V	691	1995 QN <sub>5</sub>	* 1995 08 22.28747	21 13 41.49	-07 33 58.3	20.4 V	691
1995 QE <sub>5</sub>	1995 08 22.32680	21 08 04.51	-07 28 34.7		691	1995 QN <sub>5</sub>	1995 08 22.30856	21 13 40.38	-07 34 03.7		691
1995 QE <sub>5</sub>	1995 08 28.25001	21 03 22.75	-07 55 51.1		691	1995 QN <sub>5</sub>	1995 09 02.19631	21 05 17.00	-08 21 28.8		691
1995 QE <sub>5</sub>	1995 08 28.27111	21 03 21.72	-07 55 56.2		691	1995 QN <sub>5</sub>	1995 09 02.21761	21 05 16.07	-08 21 34.6	21.0 V	691
1995 QE <sub>5</sub>	1995 08 28.29207	21 03 20.79	-07 56 02.4	21.0 V	691	1995 QN <sub>5</sub>	1995 09 02.23920	21 05 15.16	-08 21 40.1		691
1995 QF <sub>5</sub>	* 1995 08 22.28386	21 08 29.56	-07 51 38.2		691	1995 QO <sub>5</sub>	* 1995 08 22.28758	21 13 51.12	-07 53 11.3	21.0 V	691
1995 QF <sub>5</sub>	1995 08 22.30496	21 08 28.60	-07 51 45.6	20.3 V	691	1995 QO <sub>5</sub>	1995 08 22.30867	21 13 50.07	-07 53 18.0		691
1995 QF <sub>5</sub>	1995 08 22.32707	21 08 27.63	-07 51 53.7		691	1995 QO <sub>5</sub>	1995 08 22.33078	21 13 48.98	-07 53 24.9		691
1995 QF <sub>5</sub>	1995 08 27.23238	21 05 07.55	-08 21 00.3		691	1995 QO <sub>5</sub>	1995 08 27.23583	21 10 06.72	-08 19 38.5		691
1995 QF <sub>5</sub>	1995 08 27.25378	21 05 06.68	-08 21 07.8	20.6 V	691	1995 QO <sub>5</sub>	1995 08 27.25724	21 10 05.74	-08 19 45.4	20.7 V	691
1995 QF <sub>5</sub>	1995 08 27.27480	21 05 05.83	-08 21 15.6		691	1995 QO <sub>5</sub>	1995 08 27.27825	21 10 04.78	-08 19 52.6		691
1995 QG <sub>5</sub>	* 1995 08 22.28496	21 10 04.20	-07 39 28.7		691	1995 QP <sub>5</sub>	* 1995 08 22.28941	21 16 30.04	-07 30 00.6		691
1995 QG <sub>5</sub>	1995 08 22.30605	21 10 03.08	-07 39 41.1	19.1 V	691	1995 QP <sub>5</sub>	1995 08 22.31051	21 16 28.86	-07 30 03.3	20.4 V	691
1995 QG <sub>5</sub>	1995 08 22.32815	21 10 01.93	-07 39 54.5		691	1995 QP <sub>5</sub>	1995 08 22.33261	21 16 27.65	-07 30 06.0		691
1995 QG <sub>5</sub>	1995 08 27.23306	21 06 06.16	-08 29 34.5	19.0 V	691	1995 QP <sub>5</sub>	1995 08 28.25570	21 11 35.25	-07 43 00.4	20.6 V	691
1995 QG <sub>5</sub>	1995 08 27.25446	21 06 05.13	-08 29 47.5		691	1995 QP <sub>5</sub>	1995 08 28.27680	21 11 34.27	-07 43 03.5		691
1995 QG <sub>5</sub>	1995 08 27.27548	21 06 04.09	-08 30 00.1		691	1995 QP <sub>5</sub>	1995 08 28.29775	21 11 33.20	-07 43 06.2		691
1995 QH <sub>5</sub>	* 1995 08 22.28523	21 10 27.89	-07 56 21.3	20.6 V	691	1995 QP <sub>5</sub>	1995 09 03.18051	21 07 32.33	-07 56 33.3	20.2 V	691
1995 QH <sub>5</sub>	1995 08 22.30633	21 10 26.68	-07 56 23.9		691	1995 QP <sub>5</sub>	1995 09 03.20162	21 07 31.50	-07 56 34.9		691
1995 QH <sub>5</sub>	1995 08 22.32843	21 10 25.42	-07 56 26.8		691	1995 QQ <sub>5</sub>	* 1995 08 22.28949	21 16 36.80	-07 28 07.4	20.6 V	691
1995 QH <sub>5</sub>	1995 08 27.23320	21 06 18.14	-08 07 51.8	20.7 V	691	1995 QQ <sub>5</sub>	1995 08 22.31059	21 16 36.18	-07 28 10.6		691
1995 QH <sub>5</sub>	1995 08 27.25460	21 06 17.05	-08 07 55.2		691	1995 QQ <sub>5</sub>	1995 08 22.33270	21 16 35.60	-07 28 14.3		691

1995 QQ <sub>5</sub>	1995 08 28.25726	21 13 50.98	-07 43 22.2	20.7 V	691	1995 QY <sub>5</sub>	1995 09 02.24644	21 15 41.95	-08 02 11.7	691
1995 QQ <sub>5</sub>	1995 08 28.27837	21 13 50.40	-07 43 25.9		691	1995 QZ <sub>5</sub>	* 1995 08 22.29274	21 21 18.11	-07 32 45.3	691
1995 QQ <sub>5</sub>	1995 08 28.29933	21 13 49.81	-07 43 29.5		691	1995 QZ <sub>5</sub>	1995 08 22.31384	21 21 17.08	-07 32 51.1	18.5 V 691
1995 QR <sub>5</sub>	* 1995 08 22.28973	21 16 58.00	-07 48 55.7		691	1995 QZ <sub>5</sub>	1995 08 22.33594	21 21 15.97	-07 32 57.1	691
1995 QR <sub>5</sub>	1995 08 22.31083	21 16 56.96	-07 49 01.1	20.6 V	691	1995 QZ <sub>5</sub>	1995 09 02.20192	21 13 23.24	-08 22 48.9	691
1995 QR <sub>5</sub>	1995 08 27.23798	21 13 12.55	-08 13 27.2		691	1995 QZ <sub>5</sub>	1995 09 02.22322	21 13 22.39	-08 22 54.6	18.4 V 691
1995 QR <sub>5</sub>	1995 08 27.25938	21 13 11.58	-08 13 34.0		691	1995 QZ <sub>5</sub>	1995 09 02.24482	21 13 21.51	-08 23 00.7	691
1995 QR <sub>5</sub>	1995 08 27.28040	21 13 10.62	-08 13 40.9	21.0 V	691	1995 QA <sub>6</sub>	* 1995 08 22.29307	21 21 46.55	-07 35 18.2	19.9 V 691
1995 QS <sub>5</sub>	* 1995 08 22.29031	21 17 47.99	-07 50 25.2		691	1995 QA <sub>6</sub>	1995 08 22.31417	21 21 45.91	-07 35 20.6	691
1995 QS <sub>5</sub>	1995 08 22.31141	21 17 46.97	-07 50 31.4	20.7 V	691	1995 QA <sub>6</sub>	1995 08 22.33627	21 21 45.20	-07 35 23.6	691
1995 QS <sub>5</sub>	1995 08 22.33351	21 17 45.91	-07 50 38.1		691	1995 QA <sub>6</sub>	1995 09 02.20412	21 16 33.91	-08 01 16.7	691
1995 QS <sub>5</sub>	1995 08 27.23863	21 14 08.50	-08 14 36.5		691	1995 QA <sub>6</sub>	1995 09 02.22543	21 16 33.34	-08 01 19.5	20.1 V 691
1995 QS <sub>5</sub>	1995 08 27.26003	21 14 07.54	-08 14 43.3	20.6 V	691	1995 QA <sub>6</sub>	1995 09 02.24703	21 16 32.75	-08 01 22.7	691
1995 QS <sub>5</sub>	1995 08 27.28105	21 14 06.62	-08 14 49.5		691	1995 QB <sub>6</sub>	* 1995 08 22.29327	21 22 04.37	-07 49 32.2	20.6 V 691
1995 QT <sub>5</sub>	* 1995 08 22.29094	21 18 42.44	-07 43 22.8		691	1995 QB <sub>6</sub>	1995 08 22.31437	21 22 03.39	-07 49 38.2	691
1995 QT <sub>5</sub>	1995 08 22.31204	21 18 41.24	-07 43 29.6	20.6 V	691	1995 QB <sub>6</sub>	1995 08 22.33647	21 22 02.38	-07 49 44.6	691
1995 QT <sub>5</sub>	1995 08 22.33414	21 18 39.97	-07 43 36.5		691	1995 QB <sub>6</sub>	1995 08 27.24186	21 18 48.48	-08 13 50.4	20.5 V 691
1995 QT <sub>5</sub>	1995 08 27.23871	21 14 15.87	-08 09 56.9		691	1995 QB <sub>6</sub>	1995 08 27.26326	21 18 47.60	-08 13 57.0	691
1995 QT <sub>5</sub>	1995 08 27.26011	21 14 14.72	-08 10 04.2	19.8 V	691	1995 QB <sub>6</sub>	1995 08 27.28428	21 18 46.75	-08 14 03.7	691
1995 QT <sub>5</sub>	1995 08 27.28113	21 14 13.60	-08 10 10.8		691	1995 QC <sub>6</sub>	* 1995 08 22.29378	21 22 48.65	-07 42 14.2	691
1995 QU <sub>5</sub>	* 1995 08 22.29136	21 19 18.42	-07 46 52.4	18.5 V	691	1995 QC <sub>6</sub>	1995 08 22.31488	21 22 48.01	-07 42 16.3	20.0 V 691
1995 QU <sub>5</sub>	1995 08 22.31245	21 19 17.18	-07 46 51.4		691	1995 QC <sub>6</sub>	1995 08 22.33699	21 22 47.31	-07 42 18.1	691
1995 QU <sub>5</sub>	1995 08 22.33455	21 19 15.87	-07 46 50.2		691	1995 QC <sub>6</sub>	1995 08 28.26144	21 19 52.77	-07 51 06.2	20.2 V 691
1995 QU <sub>5</sub>	1995 08 28.25741	21 14 03.70	-07 42 32.5	19.0 V	691	1995 QC <sub>6</sub>	1995 08 28.28255	21 19 52.13	-07 51 08.0	691
1995 QU <sub>5</sub>	1995 08 28.27851	21 14 02.59	-07 42 31.8		691	1995 QC <sub>6</sub>	1995 08 28.30351	21 19 51.55	-07 51 10.7	691
1995 QU <sub>5</sub>	1995 08 28.29946	21 14 01.52	-07 42 31.0		691	1995 QC <sub>6</sub>	1995 09 02.20483	21 17 34.81	-07 58 34.8	20.1 V 691
1995 QU <sub>5</sub>	1995 09 03.18200	21 09 41.42	-07 39 25.9	19.8 V	691	1995 QC <sub>6</sub>	1995 09 02.22613	21 17 34.25	-07 58 36.9	691
1995 QU <sub>5</sub>	1995 09 03.20311	21 09 40.54	-07 39 25.5		691	1995 QC <sub>6</sub>	1995 09 02.24773	21 17 33.62	-07 58 39.0	691
1995 QU <sub>5</sub>	1995 09 03.22425	21 09 39.65	-07 39 24.7		691	1995 QD <sub>6</sub>	* 1995 08 22.29394	21 23 02.35	-07 57 09.7	691
1995 QV <sub>5</sub>	* 1995 08 22.29138	21 19 20.42	-07 55 09.0		691	1995 QD <sub>6</sub>	1995 08 22.31504	21 23 01.67	-07 57 11.6	20.5 V 691
1995 QV <sub>5</sub>	1995 08 22.31248	21 19 19.31	-07 55 11.2	19.8 V	691	1995 QD <sub>6</sub>	1995 08 22.33715	21 23 00.93	-07 57 12.5	691
1995 QV <sub>5</sub>	1995 08 22.33458	21 19 18.15	-07 55 13.3		691	1995 QD <sub>6</sub>	1995 08 27.24299	21 20 26.43	-08 02 21.4	19.9 V 691
1995 QV <sub>5</sub>	1995 08 27.23955	21 15 28.16	-08 03 57.7		691	1995 QD <sub>6</sub>	1995 08 27.26439	21 20 25.79	-08 02 22.6	691
1995 QV <sub>5</sub>	1995 08 27.26095	21 15 27.07	-08 03 59.7		691	1995 QD <sub>6</sub>	1995 08 27.28542	21 20 25.12	-08 02 24.5	691
1995 QV <sub>5</sub>	1995 08 27.28197	21 15 26.21	-08 04 02.4	19.8 V	691	1995 QE <sub>6</sub>	* 1995 08 22.29429	21 23 32.69	-07 43 23.5	20.3 V 691
1995 QW <sub>5</sub>	* 1995 08 22.29143	21 19 24.49	-07 27 53.4		691	1995 QE <sub>6</sub>	1995 08 22.31539	21 23 31.61	-07 43 33.3	691
1995 QW <sub>5</sub>	1995 08 22.31252	21 19 23.22	-07 27 57.1	18.8 V	691	1995 QE <sub>6</sub>	1995 08 22.33749	21 23 30.44	-07 43 43.5	691
1995 QW <sub>5</sub>	1995 08 22.33462	21 19 21.89	-07 28 01.1		691	1995 QE <sub>6</sub>	1995 08 27.24245	21 19 40.00	-08 21 24.3	691
1995 QW <sub>5</sub>	1995 09 02.19942	21 09 46.27	-08 01 18.5		691	1995 QE <sub>6</sub>	1995 08 27.26385	21 19 38.99	-08 21 34.3	20.4 V 691
1995 QW <sub>5</sub>	1995 09 02.22071	21 09 45.22	-08 01 22.6	19.1 V	691	1995 QE <sub>6</sub>	1995 08 27.28487	21 19 38.00	-08 21 43.9	691
1995 QW <sub>5</sub>	1995 09 02.24231	21 09 44.19	-08 01 26.5		691	1995 QF <sub>6</sub>	* 1995 08 22.29434	21 23 37.03	-07 45 57.8	691
1995 QX <sub>5</sub>	* 1995 08 22.29170	21 19 47.96	-07 55 03.5		691	1995 QF <sub>6</sub>	1995 08 22.31544	21 23 35.84	-07 46 02.6	19.7 V 691
1995 QX <sub>5</sub>	1995 08 22.31279	21 19 46.70	-07 55 05.5	20.3 V	691	1995 QF <sub>6</sub>	1995 08 22.33754	21 23 34.63	-07 46 08.1	691
1995 QX <sub>5</sub>	1995 08 22.33489	21 19 45.40	-07 55 08.0		691	1995 QF <sub>6</sub>	1995 08 27.24220	21 19 18.21	-08 05 11.6	19.8 V 691
1995 QX <sub>5</sub>	1995 09 02.20011	21 10 46.45	-08 14 32.6		691	1995 QF <sub>6</sub>	1995 08 27.26360	21 19 17.08	-08 05 16.9	691
1995 QX <sub>5</sub>	1995 09 02.22141	21 10 45.56	-08 14 34.7	20.6 V	691	1995 QF <sub>6</sub>	1995 08 27.28462	21 19 15.98	-08 05 21.9	691
1995 QX <sub>5</sub>	1995 09 02.24301	21 10 44.47	-08 14 36.3		691	1995 QF <sub>6</sub>	1995 09 02.20267	21 14 28.31	-08 28 34.6	691
1995 QY <sub>5</sub>	* 1995 08 22.29221	21 20 32.76	-07 30 54.1		691	1995 QF <sub>6</sub>	1995 09 02.22397	21 14 27.28	-08 28 39.6	20.5 V 691
1995 QY <sub>5</sub>	1995 08 22.31332	21 20 32.19	-07 30 57.7	20.5 V	691	1995 QF <sub>6</sub>	1995 09 02.24557	21 14 26.24	-08 28 44.6	691
1995 QY <sub>5</sub>	1995 08 22.33542	21 20 31.55	-07 31 01.5		691	1995 QG <sub>6</sub>	* 1995 08 22.29467	21 24 05.53	-07 41 32.6	20.8 V 691
1995 QY <sub>5</sub>	1995 09 02.20353	21 15 43.01	-08 02 03.8	20.9 V	691	1995 QG <sub>6</sub>	1995 08 22.31577	21 24 04.26	-07 41 39.2	691
1995 QY <sub>5</sub>	1995 09 02.22484	21 15 42.51	-08 02 07.5		691	1995 QG <sub>6</sub>	1995 08 22.33786	21 24 02.89	-07 41 46.0	691

1995 QG <sub>6</sub>	1995 08 27.24223	21 19 20.89	-08 06 46.2	20.8 V	691	1995 QQ <sub>6</sub>	1995 08 22.42589	00 56 43.65	+09 45 16.8		691
1995 QG <sub>6</sub>	1995 08 27.26363	21 19 19.62	-08 06 52.5		691	1995 QQ <sub>6</sub>	1995 08 28.44903	00 57 39.72	+10 35 13.1	20.0 V	691
1995 QG <sub>6</sub>	1995 08 27.28465	21 19 18.41	-08 06 59.3		691	1995 QQ <sub>6</sub>	1995 08 28.46679	00 57 39.73	+10 35 21.1		691
1995 QH <sub>6</sub>	* 1995 08 22.29468	21 24 06.13	-07 48 34.7		691	1995 QQ <sub>6</sub>	1995 08 28.48427	00 57 39.70	+10 35 29.1		691
1995 QH <sub>6</sub>	1995 08 22.31577	21 24 05.09	-07 48 42.1		691	1995 QR <sub>6</sub>	* 1995 08 22.38310	00 57 00.87	+10 00 57.4		691
1995 QH <sub>6</sub>	1995 08 22.33788	21 24 03.99	-07 48 49.0	20.4 V	691	1995 QR <sub>6</sub>	1995 08 22.40478	00 57 00.27	+10 01 09.5	20.7 V	691
1995 QH <sub>6</sub>	1995 08 27.24290	21 20 18.54	-08 15 25.1	20.5 V	691	1995 QR <sub>6</sub>	1995 08 22.42608	00 56 59.68	+10 01 21.7		691
1995 QH <sub>6</sub>	1995 08 27.26430	21 20 17.56	-08 15 32.1		691	1995 QR <sub>6</sub>	1995 08 29.41134	00 53 06.70	+11 05 22.1		691
1995 QH <sub>6</sub>	1995 08 27.28532	21 20 16.58	-08 15 39.0		691	1995 QR <sub>6</sub>	1995 08 29.43374	00 53 05.75	+11 05 33.9	21.5 V	691
1995 QJ <sub>6</sub>	* 1995 08 22.29541	21 25 09.16	-07 55 07.2	20.5 V	691	1995 QR <sub>6</sub>	1995 08 29.45543	00 53 04.86	+11 05 45.6		691
1995 QJ <sub>6</sub>	1995 08 22.31650	21 25 08.15	-07 55 11.4		691	1995 QS <sub>6</sub>	* 1995 08 22.38473	00 59 22.10	+09 37 09.6	19.4 V	691
1995 QJ <sub>6</sub>	1995 08 22.33860	21 25 07.09	-07 55 14.3		691	1995 QS <sub>6</sub>	1995 08 22.40641	00 59 21.82	+09 37 07.4		691
1995 QJ <sub>6</sub>	1995 08 27.24372	21 21 29.78	-08 08 14.3	20.4 V	691	1995 QS <sub>6</sub>	1995 08 22.42772	00 59 21.57	+09 37 05.3		691
1995 QJ <sub>6</sub>	1995 08 27.26512	21 21 28.84	-08 08 18.0		691	1995 QS <sub>6</sub>	1995 08 27.40133	00 58 10.53	+09 26 38.4	19.5 V	691
1995 QJ <sub>6</sub>	1995 08 27.28614	21 21 27.91	-08 08 21.8		691	1995 QS <sub>6</sub>	1995 08 27.42312	00 58 10.14	+09 26 35.2		691
1995 QJ <sub>6</sub>	1995 09 02.20476	21 17 29.57	-08 24 07.0		691	1995 QS <sub>6</sub>	1995 08 27.44462	00 58 09.74	+09 26 31.9		691
1995 QJ <sub>6</sub>	1995 09 02.22606	21 17 28.74	-08 24 10.7	20.7 V	691	1995 QT <sub>6</sub>	* 1995 08 22.38496	00 59 41.91	+09 53 02.1	21.3 V	691
1995 QJ <sub>6</sub>	1995 09 02.24766	21 17 27.87	-08 24 14.1		691	1995 QT <sub>6</sub>	1995 08 22.40664	00 59 41.43	+09 53 06.2		691
1995 QK <sub>6</sub>	* 1995 08 22.29717	21 27 42.19	-07 45 09.5		691	1995 QT <sub>6</sub>	1995 08 22.42794	00 59 41.00	+09 53 10.0		691
1995 QK <sub>6</sub>	1995 08 22.31827	21 27 41.01	-07 45 16.5	18.8 V	691	1995 QT <sub>6</sub>	1995 08 28.46649	00 57 13.31	+10 08 14.6	21.4 V	691
1995 QK <sub>6</sub>	1995 08 22.34037	21 27 39.83	-07 45 23.7		691	1995 QT <sub>6</sub>	1995 08 28.48395	00 57 12.81	+10 08 16.3		691
1995 QK <sub>6</sub>	1995 08 27.24512	21 23 30.68	-08 12 58.0		691	1995 QU <sub>6</sub>	* 1995 08 22.38591	01 01 04.40	+09 56 17.7	20.3 V	691
1995 QK <sub>6</sub>	1995 08 27.26652	21 23 29.58	-08 13 05.3	19.0 V	691	1995 QU <sub>6</sub>	1995 08 22.40759	01 01 04.24	+09 56 22.4		691
1995 QK <sub>6</sub>	1995 08 27.28753	21 23 28.50	-08 13 12.4		691	1995 QU <sub>6</sub>	1995 08 22.42890	01 01 04.03	+09 56 27.2		691
1995 QL <sub>6</sub>	* 1995 08 22.29765	21 28 23.38	-07 29 44.4	18.6 V	691	1995 QU <sub>6</sub>	1995 08 28.45060	00 59 55.21	+10 16 11.0		691
1995 QL <sub>6</sub>	1995 08 22.31874	21 28 22.20	-07 29 46.1		691	1995 QU <sub>6</sub>	1995 08 28.46835	00 59 54.87	+10 16 14.0	20.3 V	691
1995 QL <sub>6</sub>	1995 08 22.34084	21 28 20.94	-07 29 47.7		691	1995 QU <sub>6</sub>	1995 08 28.48582	00 59 54.53	+10 16 16.8		691
1995 QL <sub>6</sub>	1995 09 03.18797	21 18 18.43	-07 44 42.5	18.8 V	691	1995 QV <sub>6</sub>	* 1995 08 22.38717	01 02 53.86	+10 02 58.1		691
1995 QL <sub>6</sub>	1995 09 03.20908	21 18 17.44	-07 44 44.0		691	1995 QV <sub>6</sub>	1995 08 22.40886	01 02 53.54	+10 03 01.8	20.3 V	691
1995 QL <sub>6</sub>	1995 09 03.23022	21 18 16.43	-07 44 45.9		691	1995 QV <sub>6</sub>	1995 08 22.43016	01 02 53.20	+10 03 05.3		691
1995 QM <sub>6</sub>	* 1995 08 22.31192	21 18 30.92	-07 34 44.9	19.2 V	691	1995 QV <sub>6</sub>	1995 08 28.45135	01 01 00.06	+10 16 04.6		691
1995 QM <sub>6</sub>	1995 08 22.33402	21 18 29.92	-07 34 49.9		691	1995 QV <sub>6</sub>	1995 08 28.46910	01 00 59.59	+10 16 06.4	19.3 V	691
1995 QM <sub>6</sub>	1995 09 02.20051	21 11 21.45	-08 17 14.1		691	1995 QV <sub>6</sub>	1995 08 28.48657	01 00 59.14	+10 16 08.0		691
1995 QM <sub>6</sub>	1995 09 02.22182	21 11 20.71	-08 17 19.2	19.6 V	691	1995 QW <sub>6</sub>	* 1995 08 22.38727	01 03 02.23	+09 51 44.8		691
1995 QM <sub>6</sub>	1995 09 02.24342	21 11 19.92	-08 17 24.4		691	1995 QW <sub>6</sub>	1995 08 22.40896	01 03 02.38	+09 51 53.1	19.2 V	691
1995 QN <sub>6</sub>	* 1995 08 22.37821	00 49 57.44	+09 49 21.1	20.2 V	691	1995 QW <sub>6</sub>	1995 08 22.43027	01 03 02.50	+09 52 01.1		691
1995 QN <sub>6</sub>	1995 08 22.39989	00 49 56.95	+09 49 23.4		691	1995 QW <sub>6</sub>	1995 08 28.45300	01 03 23.04	+10 26 27.8		691
1995 QN <sub>6</sub>	1995 08 22.42119	00 49 56.50	+09 49 25.7		691	1995 QW <sub>6</sub>	1995 08 28.47075	01 03 22.95	+10 26 33.3	19.1 V	691
1995 QN <sub>6</sub>	1995 08 28.37806	00 47 27.44	+09 57 27.8	20.0 V	691	1995 QW <sub>6</sub>	1995 08 28.48823	01 03 22.85	+10 26 38.7		691
1995 QN <sub>6</sub>	1995 08 28.42059	00 47 26.10	+09 57 28.9		691	1995 QX <sub>6</sub>	* 1995 08 22.38752	01 03 24.51	+09 44 34.6	21.1 V	691
1995 QO <sub>6</sub>	* 1995 08 22.38078	00 53 40.05	+10 03 51.1	21.4 V	691	1995 QX <sub>6</sub>	1995 08 22.40921	01 03 23.85	+09 44 57.3		691
1995 QO <sub>6</sub>	1995 08 22.40246	00 53 39.70	+10 03 51.0		691	1995 QX <sub>6</sub>	1995 08 22.43050	01 03 23.19	+09 45 19.3		691
1995 QO <sub>6</sub>	1995 08 22.42376	00 53 39.33	+10 03 51.4		691	1995 QX <sub>6</sub>	1995 08 25.45484	01 01 47.52	+10 37 55.0		691
1995 QO <sub>6</sub>	1995 08 28.38067	00 51 32.85	+10 01 18.8	21.2 V	691	1995 QX <sub>6</sub>	1995 08 25.46253	01 01 47.21	+10 38 02.7	21.4 V	691
1995 QO <sub>6</sub>	1995 08 28.42319	00 51 31.65	+10 01 15.8		691	1995 QX <sub>6</sub>	1995 08 25.47032	01 01 46.94	+10 38 11.0		691
1995 QP <sub>6</sub>	* 1995 08 22.38156	00 54 47.67	+09 41 06.8	18.5 V	691	1995 QY <sub>6</sub>	* 1995 08 22.38762	01 03 32.92	+09 49 47.9		691
1995 QP <sub>6</sub>	1995 08 22.40324	00 54 47.22	+09 41 09.8		691	1995 QY <sub>6</sub>	1995 08 22.40931	01 03 32.67	+09 49 55.7	21.0 V	691
1995 QP <sub>6</sub>	1995 08 22.42454	00 54 46.76	+09 41 12.9		691	1995 QY <sub>6</sub>	1995 08 22.43061	01 03 32.45	+09 50 02.9		691
1995 QP <sub>6</sub>	1995 08 28.38122	00 52 20.36	+09 52 47.4	18.2 V	691	1995 QY <sub>6</sub>	1995 08 28.45214	01 02 08.56	+10 23 01.4		691
1995 QP <sub>6</sub>	1995 08 28.42374	00 52 19.00	+09 52 51.0		691	1995 QY <sub>6</sub>	1995 08 28.46989	01 02 08.17	+10 23 06.7	21.1 V	691
1995 QQ <sub>6</sub>	* 1995 08 22.38289	00 56 43.10	+09 44 54.2	20.0 V	691	1995 QY <sub>6</sub>	1995 08 28.48736	01 02 07.81	+10 23 12.0		691
1995 QQ <sub>6</sub>	1995 08 22.40458	00 56 43.38	+09 45 05.6		691	1995 QZ <sub>6</sub>	* 1995 08 22.38812	01 04 15.99	+09 40 45.1	19.8 V	691

1995 QZ <sub>6</sub>	1995 08 22.40981	01 04 16.15	+09 40 53.8		691	1995 QJ <sub>7</sub>	1995 08 25.30481	22 41 14.11	+06 22 30.9		691
1995 QZ <sub>6</sub>	1995 08 22.43112	01 04 16.27	+09 41 02.5		691	1995 QJ <sub>7</sub>	1995 08 31.36246	22 36 16.60	+06 15 19.4		691
1995 QZ <sub>6</sub>	1995 08 28.45387	01 04 38.95	+10 17 42.0	19.6 V	691	1995 QJ <sub>7</sub>	1995 08 31.38358	22 36 15.57	+06 15 17.1		691
1995 QZ <sub>6</sub>	1995 08 28.47163	01 04 38.84	+10 17 47.8		691	1995 QJ <sub>7</sub>	1995 08 31.40464	22 36 14.51	+06 15 15.0	20.7 V	691
1995 QZ <sub>6</sub>	1995 08 28.48910	01 04 38.74	+10 17 53.7		691	1995 QK <sub>7</sub>	* 1995 08 25.26439	22 44 02.11	+06 12 06.0		691
1995 QA <sub>7</sub>	* 1995 08 22.39040	01 07 33.47	+09 45 34.2		691	1995 QK <sub>7</sub>	1995 08 25.28562	22 44 00.81	+06 12 05.4	21.2 V	691
1995 QA <sub>7</sub>	1995 08 22.41208	01 07 33.13	+09 45 36.3	20.8 V	691	1995 QK <sub>7</sub>	1995 08 25.30672	22 43 59.51	+06 12 04.5		691
1995 QA <sub>7</sub>	1995 08 22.43339	01 07 32.80	+09 45 38.3		691	1995 QK <sub>7</sub>	1995 08 31.36356	22 37 52.35	+06 05 23.9		691
1995 QA <sub>7</sub>	1995 08 28.39048	01 05 42.53	+09 51 01.6	21.0 V	691	1995 QK <sub>7</sub>	1995 08 31.38468	22 37 51.05	+06 05 21.9	20.8 V	691
1995 QA <sub>7</sub>	1995 08 28.43300	01 05 41.41	+09 51 02.9		691	1995 QK <sub>7</sub>	1995 08 31.40574	22 37 49.75	+06 05 19.6		691
1995 QB <sub>7</sub>	* 1995 08 22.39168	01 09 24.16	+09 44 36.0		691	1995 QL <sub>7</sub>	* 1995 08 25.26568	22 45 53.93	+06 20 54.7		691
1995 QB <sub>7</sub>	1995 08 22.41336	01 09 23.81	+09 44 35.1		691	1995 QL <sub>7</sub>	1995 08 25.28691	22 45 52.91	+06 20 50.0	19.2 V	691
1995 QB <sub>7</sub>	1995 08 22.43466	01 09 23.50	+09 44 35.0	20.5 V	691	1995 QL <sub>7</sub>	1995 08 25.30802	22 45 51.90	+06 20 45.3		691
1995 QB <sub>7</sub>	1995 08 28.39187	01 07 43.29	+09 40 35.3	20.6 V	691	1995 QL <sub>7</sub>	1995 08 31.27789	22 41 04.73	+05 55 40.0		691
1995 QB <sub>7</sub>	1995 08 28.43440	01 07 42.31	+09 40 32.6		691	1995 QL <sub>7</sub>	1995 08 31.29899	22 41 03.64	+05 55 34.2	20.2 V	691
1995 QC <sub>7</sub>	* 1995 08 25.19284	22 36 21.61	+05 56 08.2		691	1995 QL <sub>7</sub>	1995 08 31.32079	22 41 02.56	+05 55 28.0		691
1995 QC <sub>7</sub>	1995 08 25.21441	22 36 20.61	+05 56 05.0	18.4 V	691	1995 QM <sub>7</sub>	* 1995 08 25.26746	22 48 28.17	+06 15 19.2	21.6 V	691
1995 QC <sub>7</sub>	1995 08 25.23723	22 36 19.53	+05 56 01.7		691	1995 QM <sub>7</sub>	1995 08 25.28869	22 48 27.05	+06 15 20.9		691
1995 QC <sub>7</sub>	1995 08 31.27138	22 31 40.27	+05 37 17.6	18.4 V	691	1995 QM <sub>7</sub>	1995 08 25.30980	22 48 25.92	+06 15 23.1		691
1995 QC <sub>7</sub>	1995 08 31.29247	22 31 39.24	+05 37 12.9		691	1995 QM <sub>7</sub>	1995 08 31.36718	22 43 06.05	+06 22 00.9	21.3 V	691
1995 QC <sub>7</sub>	1995 08 31.31427	22 31 38.19	+05 37 08.2		691	1995 QM <sub>7</sub>	1995 08 31.38830	22 43 04.85	+06 22 02.0		691
1995 QD <sub>7</sub>	* 1995 08 25.25933	22 36 43.56	+06 27 15.9		691	1995 QN <sub>7</sub>	* 1995 08 25.26749	22 48 30.83	+06 23 10.6		691
1995 QD <sub>7</sub>	1995 08 25.28056	22 36 42.57	+06 27 05.7	19.8 V	691	1995 QN <sub>7</sub>	1995 08 25.28872	22 48 29.76	+06 23 12.7	20.8 V	691
1995 QD <sub>7</sub>	1995 08 25.30167	22 36 41.57	+06 26 55.5		691	1995 QN <sub>7</sub>	1995 08 25.30983	22 48 28.69	+06 23 14.3		691
1995 QD <sub>7</sub>	1995 08 31.27170	22 32 08.20	+05 35 14.5		691	1995 QN <sub>7</sub>	1995 08 31.36733	22 43 18.61	+06 29 15.7		691
1995 QD <sub>7</sub>	1995 08 31.29279	22 32 07.21	+05 35 02.3		691	1995 QN <sub>7</sub>	1995 08 31.38845	22 43 17.49	+06 29 16.4		691
1995 QD <sub>7</sub>	1995 08 31.31459	22 32 06.16	+05 34 50.5	19.8 V	691	1995 QN <sub>7</sub>	1995 08 31.40951	22 43 16.33	+06 29 16.7	20.5 V	691
1995 QE <sub>7</sub>	* 1995 08 25.26008	22 37 48.80	+06 14 56.0		691	1995 QO <sub>7</sub>	* 1995 08 25.26845	22 49 53.45	+06 20 45.0		691
1995 QE <sub>7</sub>	1995 08 25.28131	22 37 47.87	+06 14 51.1		691	1995 QO <sub>7</sub>	1995 08 25.28968	22 49 52.54	+06 20 40.4	19.4 V	691
1995 QE <sub>7</sub>	1995 08 25.30242	22 37 46.92	+06 14 45.7	20.6 V	691	1995 QO <sub>7</sub>	1995 08 25.31079	22 49 51.64	+06 20 35.8		691
1995 QE <sub>7</sub>	1995 08 31.27265	22 33 30.72	+05 47 40.7	20.8 V	691	1995 QO <sub>7</sub>	1995 08 31.28106	22 45 38.72	+05 56 50.2		691
1995 QE <sub>7</sub>	1995 08 31.29375	22 33 29.77	+05 47 34.4		691	1995 QO <sub>7</sub>	1995 08 31.30215	22 45 37.78	+05 56 44.9	19.3 V	691
1995 QE <sub>7</sub>	1995 08 31.31555	22 33 28.80	+05 47 28.0		691	1995 QO <sub>7</sub>	1995 08 31.32395	22 45 36.79	+05 56 38.7		691
1995 QF <sub>7</sub>	* 1995 08 25.26053	22 38 27.91	+06 17 31.5	20.3 V	691	1995 QP <sub>7</sub>	* 1995 08 25.26951	22 51 26.01	+06 24 06.6		691
1995 QF <sub>7</sub>	1995 08 25.28176	22 38 26.54	+06 17 35.3		691	1995 QP <sub>7</sub>	1995 08 25.29074	22 51 24.67	+06 24 08.4	16.6 V	691
1995 QF <sub>7</sub>	1995 08 25.30286	22 38 25.18	+06 17 39.4		691	1995 QP <sub>7</sub>	1995 08 25.31185	22 51 23.34	+06 24 09.7		691
1995 QF <sub>7</sub>	1995 08 31.35954	22 32 03.67	+06 33 00.3	20.3 V	691	1995 QP <sub>7</sub>	1995 08 31.36857	22 45 06.32	+06 28 39.6		691
1995 QF <sub>7</sub>	1995 08 31.38065	22 32 02.30	+06 33 03.0		691	1995 QP <sub>7</sub>	1995 08 31.38969	22 45 04.96	+06 28 39.7		691
1995 QF <sub>7</sub>	1995 08 31.40171	22 32 00.96	+06 33 05.6		691	1995 QP <sub>7</sub>	1995 08 31.41075	22 45 03.58	+06 28 39.9	16.6 V	691
1995 QG <sub>7</sub>	* 1995 08 25.26162	22 40 02.34	+06 19 38.6		691	1995 QQ <sub>7</sub>	* 1995 08 25.26958	22 51 31.99	+06 28 49.6		691
1995 QG <sub>7</sub>	1995 08 25.28285	22 40 01.18	+06 19 36.9		691	1995 QQ <sub>7</sub>	1995 08 25.29081	22 51 30.85	+06 28 45.7	22.0 V	691
1995 QG <sub>7</sub>	1995 08 25.30396	22 40 00.04	+06 19 35.5	21.3 V	691	1995 QQ <sub>7</sub>	1995 08 25.31192	22 51 29.74	+06 28 40.5		691
1995 QG <sub>7</sub>	1995 08 31.36137	22 34 42.39	+06 12 08.0		691	1995 QQ <sub>7</sub>	1995 08 31.28155	22 46 21.21	+06 02 07.6		691
1995 QG <sub>7</sub>	1995 08 31.38249	22 34 41.23	+06 12 05.9	19.4 V	691	1995 QQ <sub>7</sub>	1995 08 31.30264	22 46 20.04	+06 02 00.9	21.9 V	691
1995 QG <sub>7</sub>	1995 08 31.40355	22 34 40.14	+06 12 03.9		691	1995 QQ <sub>7</sub>	1995 08 31.32444	22 46 18.81	+06 01 54.0		691
1995 QH <sub>7</sub>	* 1995 08 25.26215	22 40 48.10	+06 25 35.8		691	1995 QR <sub>7</sub>	* 1995 08 25.26959	22 51 32.76	+06 14 47.1		691
1995 QH <sub>7</sub>	1995 08 25.28338	22 40 47.01	+06 25 35.1		691	1995 QR <sub>7</sub>	1995 08 25.29082	22 51 31.69	+06 14 44.1	19.1 V	691
1995 QH <sub>7</sub>	1995 08 25.30449	22 40 45.92	+06 25 35.3	22.0 V	691	1995 QR <sub>7</sub>	1995 08 25.31193	22 51 30.62	+06 14 40.7		691
1995 QH <sub>7</sub>	1995 08 31.36204	22 35 40.42	+06 20 49.8		691	1995 QR <sub>7</sub>	1995 08 31.28165	22 46 30.15	+05 58 04.7		691
1995 QH <sub>7</sub>	1995 08 31.38316	22 35 39.32	+06 20 48.7		691	1995 QR <sub>7</sub>	1995 08 31.30274	22 46 29.05	+05 58 00.9	19.1 V	691
1995 QH <sub>7</sub>	1995 08 31.40422	22 35 38.25	+06 20 47.2	22.0 V	691	1995 QR <sub>7</sub>	1995 08 31.32454	22 46 27.92	+05 57 56.7		691
1995 QJ <sub>7</sub>	* 1995 08 25.26247	22 41 16.16	+06 22 33.4	20.8 V	691	1995 QS <sub>7</sub>	* 1995 08 25.27017	22 52 22.37	+06 28 15.3		691

1995 QS <sub>7</sub>	1995 08 25.29140	22 52 21.54	+06 28 06.2	19.6 V	691	1995 QB <sub>8</sub>	* 1995 08 25.33862	22 50 18.00	+06 39 57.1	21.1 V	691
1995 QS <sub>7</sub>	1995 08 25.31251	22 52 20.72	+06 27 56.8		691	1995 QB <sub>8</sub>	1995 08 25.35965	22 50 16.91	+06 39 55.0		691
1995 QS <sub>7</sub>	1995 08 31.28308	22 48 34.35	+05 40 45.4	19.5 V	691	1995 QB <sub>8</sub>	1995 08 25.38075	22 50 15.91	+06 39 52.5		691
1995 QS <sub>7</sub>	1995 08 31.30418	22 48 33.45	+05 40 34.5		691	1995 QB <sub>8</sub>	1995 08 31.36873	22 45 20.22	+06 26 48.1	21.1 V	691
1995 QS <sub>7</sub>	1995 08 31.32598	22 48 32.54	+05 40 23.2		691	1995 QB <sub>8</sub>	1995 08 31.38985	22 45 19.15	+06 26 44.9		691
1995 QT <sub>7</sub>	* 1995 08 25.32933	22 36 53.54	+06 36 50.6	18.0 V	691	1995 QB <sub>8</sub>	1995 08 31.41091	22 45 18.06	+06 26 41.7		691
1995 QT <sub>7</sub>	1995 08 25.35036	22 36 52.54	+06 36 43.4		691	1995 QC <sub>8</sub>	* 1995 08 25.33866	22 50 21.86	+06 46 35.5	20.7 V	691
1995 QT <sub>7</sub>	1995 08 25.37147	22 36 51.54	+06 36 35.7		691	1995 QC <sub>8</sub>	1995 08 25.35969	22 50 20.96	+06 46 29.6		691
1995 QT <sub>7</sub>	1995 08 31.27181	22 32 17.71	+05 57 20.3	17.9 V	691	1995 QC <sub>8</sub>	1995 08 25.38080	22 50 20.08	+06 46 23.6		691
1995 QT <sub>7</sub>	1995 08 31.29290	22 32 16.70	+05 57 11.0		691	1995 QC <sub>8</sub>	1995 08 31.36929	22 46 08.65	+06 15 30.3	20.3 V	691
1995 QT <sub>7</sub>	1995 08 31.31470	22 32 15.65	+05 57 01.6		691	1995 QC <sub>8</sub>	1995 08 31.39041	22 46 07.73	+06 15 22.8		691
1995 QU <sub>7</sub>	* 1995 08 25.33008	22 37 58.39	+06 45 48.3		691	1995 QC <sub>8</sub>	1995 08 31.41148	22 46 06.83	+06 15 15.9		691
1995 QU <sub>7</sub>	1995 08 25.35111	22 37 57.40	+06 45 47.0	20.7 V	691	1995 QD <sub>8</sub>	* 1995 08 25.33978	22 51 58.18	+06 40 00.7		691
1995 QU <sub>7</sub>	1995 08 25.37221	22 37 56.40	+06 45 44.9		691	1995 QD <sub>8</sub>	1995 08 25.36080	22 51 57.26	+06 39 55.9	21.0 V	691
1995 QU <sub>7</sub>	1995 08 31.36040	22 33 18.09	+06 32 50.1		691	1995 QD <sub>8</sub>	1995 08 25.38191	22 51 56.36	+06 39 50.8		691
1995 QU <sub>7</sub>	1995 08 31.38152	22 33 17.07	+06 32 46.3	20.4 V	691	1995 QD <sub>8</sub>	1995 08 31.37039	22 47 43.65	+06 13 42.7		691
1995 QU <sub>7</sub>	1995 08 31.40258	22 33 16.07	+06 32 43.1		691	1995 QD <sub>8</sub>	1995 08 31.39151	22 47 42.69	+06 13 36.7	21.0 V	691
1995 QV <sub>7</sub>	* 1995 08 25.33289	22 42 01.99	+06 54 46.5		691	1995 QD <sub>8</sub>	1995 08 31.41257	22 47 41.76	+06 13 30.2		691
1995 QV <sub>7</sub>	1995 08 25.35392	22 42 01.03	+06 54 42.1	20.9 V	691	1995 QE <sub>8</sub>	* 1995 08 25.34095	22 53 40.06	+06 41 50.1		691
1995 QV <sub>7</sub>	1995 08 25.37503	22 42 00.10	+06 54 38.2		691	1995 QE <sub>8</sub>	1995 08 25.36198	22 53 39.07	+06 41 43.0		691
1995 QV <sub>7</sub>	1995 08 31.36337	22 37 35.88	+06 33 32.3	20.8 V	691	1995 QE <sub>8</sub>	1995 08 25.38308	22 53 38.07	+06 41 35.5	21.6 V	691
1995 QV <sub>7</sub>	1995 08 31.38449	22 37 34.88	+06 33 27.1		691	1995 QE <sub>8</sub>	1995 08 31.37123	22 48 56.50	+06 04 23.1	21.4 V	691
1995 QV <sub>7</sub>	1995 08 31.40555	22 37 33.89	+06 33 22.3		691	1995 QE <sub>8</sub>	1995 08 31.39235	22 48 55.45	+06 04 14.4		691
1995 QW <sub>7</sub>	* 1995 08 25.33318	22 42 27.04	+06 41 18.7	18.3 V	691	1995 QE <sub>8</sub>	1995 08 31.41341	22 48 54.45	+06 04 05.8		691
1995 QW <sub>7</sub>	1995 08 25.35421	22 42 26.04	+06 41 15.0		691	1995 QG <sub>8</sub>	* 1995 08 25.34140	22 54 18.55	+06 36 26.4		691
1995 QW <sub>7</sub>	1995 08 25.37532	22 42 25.07	+06 41 11.3		691	1995 QG <sub>8</sub>	1995 08 25.36242	22 54 17.54	+06 36 21.7	19.5 V	691
1995 QW <sub>7</sub>	1995 08 31.36355	22 37 51.45	+06 21 34.5		691	1995 QG <sub>8</sub>	1995 08 25.38353	22 54 16.53	+06 36 17.3		691
1995 QW <sub>7</sub>	1995 08 31.38467	22 37 50.49	+06 21 29.7	18.2 V	691	1995 QG <sub>8</sub>	1995 08 31.37170	22 49 37.61	+06 10 07.0		691
1995 QW <sub>7</sub>	1995 08 31.40573	22 37 49.49	+06 21 25.1		691	1995 QG <sub>8</sub>	1995 08 31.39282	22 49 36.53	+06 10 00.2	19.3 V	691
1995 QX <sub>7</sub>	* 1995 08 25.33490	22 44 55.72	+06 43 42.8		691	1995 QG <sub>8</sub>	1995 08 31.41388	22 49 35.49	+06 09 53.6		691
1995 QX <sub>7</sub>	1995 08 25.35593	22 44 54.76	+06 43 39.0	22.0 V	691	1995 QH <sub>8</sub>	* 1995 08 25.39239	22 36 01.46	+07 15 15.6	20.2 V	691
1995 QX <sub>7</sub>	1995 08 25.37703	22 44 53.80	+06 43 35.0		691	1995 QH <sub>8</sub>	1995 08 25.41351	22 36 00.65	+07 15 02.9		691
1995 QX <sub>7</sub>	1995 08 31.36537	22 40 28.73	+06 25 25.4		691	1995 QH <sub>8</sub>	1995 08 25.43474	22 35 59.84	+07 14 50.7		691
1995 QX <sub>7</sub>	1995 08 31.38649	22 40 27.79	+06 25 21.1	21.8 V	691	1995 QH <sub>8</sub>	1995 08 31.35976	22 32 23.39	+06 11 53.7	20.1 V	691
1995 QX <sub>7</sub>	1995 08 31.40755	22 40 26.81	+06 25 16.6		691	1995 QH <sub>8</sub>	1995 08 31.38089	22 32 22.56	+06 11 39.7		691
1995 QY <sub>7</sub>	* 1995 08 25.33717	22 48 12.16	+06 49 32.3	20.4 V	691	1995 QH <sub>8</sub>	1995 08 31.40195	22 32 21.77	+06 11 25.5		691
1995 QY <sub>7</sub>	1995 08 25.35819	22 48 11.05	+06 49 28.6		691	1995 QJ <sub>8</sub>	* 1995 08 25.39715	22 42 53.87	+07 13 55.8	21.4 V	691
1995 QY <sub>7</sub>	1995 08 25.37930	22 48 09.94	+06 49 25.2		691	1995 QJ <sub>8</sub>	1995 08 25.41827	22 42 52.78	+07 13 40.9		691
1995 QY <sub>7</sub>	1995 08 31.36711	22 42 59.89	+06 30 36.9	20.1 V	691	1995 QJ <sub>8</sub>	1995 08 25.43949	22 42 51.71	+07 13 25.0		691
1995 QY <sub>7</sub>	1995 08 31.38823	22 42 58.76	+06 30 31.9		691	1995 QJ <sub>8</sub>	1995 08 31.27572	22 37 56.51	+05 58 49.8		691
1995 QY <sub>7</sub>	1995 08 31.40929	22 42 57.60	+06 30 27.2		691	1995 QJ <sub>8</sub>	1995 08 31.29681	22 37 55.38	+05 58 32.6		691
1995 QZ <sub>7</sub>	* 1995 08 25.33758	22 48 47.73	+07 03 27.0		691	1995 QJ <sub>8</sub>	1995 08 31.31861	22 37 54.23	+05 58 14.9	21.2 V	691
1995 QZ <sub>7</sub>	1995 08 25.35861	22 48 46.83	+07 03 19.3	18.8 V	691	1995 QK <sub>8</sub>	* 1995 08 27.23858	21 14 04.94	-08 05 35.0	18.3 V	691
1995 QZ <sub>7</sub>	1995 08 25.37971	22 48 45.92	+07 03 12.9		691	1995 QK <sub>8</sub>	1995 08 27.25999	21 14 03.95	-08 05 37.7		691
1995 QZ <sub>7</sub>	1995 08 31.36821	22 44 35.37	+06 31 05.1	18.8 V	691	1995 QK <sub>8</sub>	1995 08 27.28100	21 14 02.98	-08 05 40.0		691
1995 QZ <sub>7</sub>	1995 08 31.38934	22 44 34.45	+06 30 57.7		691	1995 QK <sub>8</sub>	1995 09 02.19947	21 09 51.40	-08 16 44.4	18.8 V	691
1995 QZ <sub>7</sub>	1995 08 31.41040	22 44 33.49	+06 30 50.1		691	1995 QK <sub>8</sub>	1995 09 02.22077	21 09 50.52	-08 16 46.7		691
1995 QA <sub>8</sub>	* 1995 08 25.33851	22 50 08.08	+07 01 47.1	21.5 V	691	1995 QL <sub>8</sub>	* 1995 08 27.24468	21 22 52.87	-08 18 32.2	20.7 V	691
1995 QA <sub>8</sub>	1995 08 25.35953	22 50 07.08	+07 01 41.9		691	1995 QL <sub>8</sub>	1995 08 27.26608	21 22 51.79	-08 18 34.3		691
1995 QA <sub>8</sub>	1995 08 25.38064	22 50 06.09	+07 01 36.5		691	1995 QL <sub>8</sub>	1995 08 27.28710	21 22 50.75	-08 18 35.4		691
1995 QA <sub>8</sub>	1995 08 31.36879	22 45 25.52	+06 31 42.0	21.1 V	691	1995 QL <sub>8</sub>	1995 09 02.20536	21 18 20.92	-08 25 45.8		691
1995 QA <sub>8</sub>	1995 08 31.41097	22 45 23.38	+06 31 27.4		691	1995 QL <sub>8</sub>	1995 09 02.22666	21 18 19.97	-08 25 46.9		691

1995 QL <sub>8</sub>	1995 09 02.24825	21 18 18.98	-08 25 48.8	21.2 V	691	1995 QU <sub>8</sub>	1995 09 02.24735	21 17 00.70	-08 11 19.5	20.2 V	691
1995 QM <sub>8</sub>	* 1995 08 27.39666	00 51 26.00	+09 28 52.8	19.7 V	691	1995 QV <sub>8</sub>	* 1995 08 28.26315	21 22 20.31	-07 52 13.0		691
1995 QM <sub>8</sub>	1995 08 27.41845	00 51 25.33	+09 29 08.9		691	1995 QV <sub>8</sub>	1995 08 28.28425	21 22 19.41	-07 52 21.3	20.0 V	691
1995 QM <sub>8</sub>	1995 08 27.43994	00 51 24.67	+09 29 25.4		691	1995 QV <sub>8</sub>	1995 08 28.30520	21 22 18.49	-07 52 29.6		691
1995 QM <sub>8</sub>	1995 08 28.38026	00 50 57.13	+09 41 23.8	19.4 V	691	1995 QV <sub>8</sub>	1995 09 02.20593	21 19 10.91	-08 23 51.5		691
1995 QM <sub>8</sub>	1995 08 28.42278	00 50 55.71	+09 41 56.2		691	1995 QV <sub>8</sub>	1995 09 02.22724	21 19 10.16	-08 23 59.6	19.9 V	691
1995 QN <sub>8</sub>	* 1995 08 28.25179	21 05 56.50	-07 40 10.8	18.4 V	691	1995 QV <sub>8</sub>	1995 09 02.24883	21 19 09.31	-08 24 07.6		691
1995 QN <sub>8</sub>	1995 08 28.27289	21 05 55.45	-07 40 18.3		691	1995 QW <sub>8</sub>	* 1995 08 28.26508	21 25 07.58	-07 27 34.3	19.1 V	691
1995 QN <sub>8</sub>	1995 08 28.29384	21 05 54.48	-07 40 27.0		691	1995 QW <sub>8</sub>	1995 08 28.28618	21 25 06.51	-07 27 34.8		691
1995 QN <sub>8</sub>	1995 09 02.19456	21 02 25.33	-08 12 17.7	18.7 V	691	1995 QW <sub>8</sub>	1995 08 28.30713	21 25 05.51	-07 27 35.1		691
1995 QN <sub>8</sub>	1995 09 02.21586	21 02 24.44	-08 12 25.9		691	1995 QW <sub>8</sub>	1995 09 03.18957	21 20 37.08	-07 29 15.1	19.2 V	691
1995 QN <sub>8</sub>	1995 09 02.23746	21 02 23.53	-08 12 34.0		691	1995 QW <sub>8</sub>	1995 09 03.23182	21 20 35.21	-07 29 16.0		691
1995 QO <sub>8</sub>	* 1995 08 28.25210	21 06 23.98	-07 31 44.7	19.7 V	691	1995 QX <sub>8</sub>	* 1995 08 28.26675	21 27 32.30	-07 40 40.4		691
1995 QO <sub>8</sub>	1995 08 28.27321	21 06 23.19	-07 31 54.8		691	1995 QX <sub>8</sub>	1995 08 28.28784	21 27 31.00	-07 40 43.4		691
1995 QO <sub>8</sub>	1995 08 28.29416	21 06 22.38	-07 32 05.6		691	1995 QX <sub>8</sub>	1995 08 28.30880	21 27 29.71	-07 40 46.8	20.4 V	691
1995 QO <sub>8</sub>	1995 09 02.19526	21 03 46.65	-08 12 48.2		691	1995 QX <sub>8</sub>	1995 09 03.19056	21 22 03.21	-07 55 16.0		691
1995 QO <sub>8</sub>	1995 09 02.21657	21 03 45.97	-08 12 58.8	19.7 V	691	1995 QX <sub>8</sub>	1995 09 03.21167	21 22 02.07	-07 55 19.2	20.7 V	691
1995 QO <sub>8</sub>	1995 09 02.23817	21 03 45.29	-08 13 09.2		691	1995 QX <sub>8</sub>	1995 09 03.23281	21 22 00.93	-07 55 22.1		691
1995 QP <sub>8</sub>	* 1995 08 28.25271	21 07 16.41	-07 45 09.8	19.4 V	691	1995 QY <sub>8</sub>	* 1995 08 28.26690	21 27 45.48	-07 32 34.4	20.5 V	691
1995 QP <sub>8</sub>	1995 08 28.27381	21 07 15.35	-07 45 17.0		691	1995 QY <sub>8</sub>	1995 08 28.28800	21 27 44.62	-07 32 42.1		691
1995 QP <sub>8</sub>	1995 08 28.29476	21 07 14.25	-07 45 24.7		691	1995 QY <sub>8</sub>	1995 08 28.30896	21 27 43.78	-07 32 50.1		691
1995 QP <sub>8</sub>	1995 09 02.21636	21 03 27.74	-08 14 16.3	19.4 V	691	1995 QY <sub>8</sub>	1995 09 02.20972	21 24 39.19	-08 03 08.3	20.3 V	691
1995 QP <sub>8</sub>	1995 09 02.23795	21 03 26.77	-08 14 23.7		691	1995 QY <sub>8</sub>	1995 09 02.23102	21 24 38.33	-08 03 16.1		691
1995 QQ <sub>8</sub>	* 1995 08 28.25712	21 13 38.34	-07 26 49.7	18.6 V	691	1995 QY <sub>8</sub>	1995 09 02.25262	21 24 37.54	-08 03 24.5		691
1995 QQ <sub>8</sub>	1995 08 28.27822	21 13 37.20	-07 26 49.3		691	1995 QZ <sub>8</sub>	* 1995 08 28.26701	21 27 54.76	-07 40 23.2	18.6 V	691
1995 QQ <sub>8</sub>	1995 08 28.29917	21 13 36.21	-07 26 51.1		691	1995 QZ <sub>8</sub>	1995 08 28.28810	21 27 53.54	-07 40 28.3		691
1995 QQ <sub>8</sub>	1995 09 03.18161	21 09 07.67	-07 29 58.4		691	1995 QZ <sub>8</sub>	1995 08 28.30906	21 27 52.33	-07 40 33.8		691
1995 QQ <sub>8</sub>	1995 09 03.20272	21 09 06.74	-07 29 59.2	18.8 V	691	1995 QZ <sub>8</sub>	1995 09 02.20894	21 23 31.50	-08 00 52.2	18.6 V	691
1995 QQ <sub>8</sub>	1995 09 03.22386	21 09 05.83	-07 29 59.7		691	1995 QZ <sub>8</sub>	1995 09 02.23024	21 23 30.34	-08 00 57.5		691
1995 QR <sub>8</sub>	* 1995 08 28.25761	21 14 20.55	-07 41 48.5	20.2 V	691	1995 QZ <sub>8</sub>	1995 09 02.25184	21 23 29.22	-08 01 03.2		691
1995 QR <sub>8</sub>	1995 08 28.27871	21 14 19.65	-07 41 57.5		691	1995 QA <sub>9</sub>	* 1995 08 28.28374	21 21 35.94	-07 39 10.7	21.1 V	691
1995 QR <sub>8</sub>	1995 08 28.29967	21 14 18.90	-07 42 05.8		691	1995 QA <sub>9</sub>	1995 08 28.30470	21 21 34.91	-07 39 17.2		691
1995 QR <sub>8</sub>	1995 09 02.20074	21 11 40.79	-08 15 02.3	20.4 V	691	1995 QA <sub>9</sub>	1995 09 02.20504	21 17 53.23	-08 03 11.8		691
1995 QR <sub>8</sub>	1995 09 02.22204	21 11 40.12	-08 15 10.2		691	1995 QA <sub>9</sub>	1995 09 02.22634	21 17 52.27	-08 03 17.7		691
1995 QR <sub>8</sub>	1995 09 02.24364	21 11 39.41	-08 15 18.9		691	1995 QA <sub>9</sub>	1995 09 02.24793	21 17 51.28	-08 03 24.1	21.0 V	691
1995 QS <sub>8</sub>	* 1995 08 28.25939	21 16 54.95	-07 53 35.1	19.4 V	691	1995 QA <sub>9</sub>	* 1995 08 28.31529	21 05 59.55	-06 54 56.0	20.1 V	691
1995 QS <sub>8</sub>	1995 08 28.28049	21 16 53.94	-07 53 40.6		691	1995 QB <sub>9</sub>	1995 08 28.33637	21 05 58.79	-06 55 04.9		691
1995 QS <sub>8</sub>	1995 08 28.30144	21 16 53.03	-07 53 45.0		691	1995 QB <sub>9</sub>	1995 08 28.35725	21 05 57.99	-06 55 12.8		691
1995 QS <sub>8</sub>	1995 09 02.20201	21 13 30.61	-08 12 02.9		691	1995 QB <sub>9</sub>	1995 09 03.17730	21 02 43.55	-07 34 38.1	20.6 V	691
1995 QS <sub>8</sub>	1995 09 02.22331	21 13 29.76	-08 12 07.9	19.3 V	691	1995 QB <sub>9</sub>	1995 09 03.19842	21 02 42.87	-07 34 46.9		691
1995 QS <sub>8</sub>	1995 09 02.24490	21 13 28.88	-08 12 12.8		691	1995 QB <sub>9</sub>	1995 09 03.21956	21 02 42.21	-07 34 55.1		691
1995 QT <sub>8</sub>	* 1995 08 28.25978	21 17 28.41	-07 41 27.8	20.2 V	691	1995 QC <sub>9</sub>	* 1995 08 28.31570	21 06 35.15	-07 11 11.8		691
1995 QT <sub>8</sub>	1995 08 28.28088	21 17 27.74	-07 41 32.9		691	1995 QC <sub>9</sub>	1995 08 28.33678	21 06 34.29	-07 11 15.2	20.2 V	691
1995 QT <sub>8</sub>	1995 08 28.30184	21 17 27.19	-07 41 37.4		691	1995 QC <sub>9</sub>	1995 08 28.35766	21 06 33.44	-07 11 18.4		691
1995 QT <sub>8</sub>	1995 09 02.20323	21 15 16.58	-07 59 48.8	20.1 V	691	1995 QC <sub>9</sub>	1995 09 03.19849	21 02 56.30	-07 27 41.3	20.3 V	691
1995 QT <sub>8</sub>	1995 09 02.22453	21 15 16.05	-07 59 53.6		691	1995 QC <sub>9</sub>	1995 09 03.21964	21 02 55.55	-07 27 44.9		691
1995 QT <sub>8</sub>	1995 09 02.24614	21 15 15.47	-07 59 58.6		691	1995 QD <sub>9</sub>	* 1995 08 28.31921	21 11 39.30	-07 24 54.6		691
1995 QU <sub>8</sub>	* 1995 08 28.26235	21 21 11.75	-07 47 01.1	20.3 V	691	1995 QD <sub>9</sub>	1995 08 28.34029	21 11 38.35	-07 25 05.1	17.6 V	691
1995 QU <sub>8</sub>	1995 08 28.28345	21 21 10.57	-07 47 07.2		691	1995 QD <sub>9</sub>	1995 08 28.36116	21 11 37.47	-07 25 15.2		691
1995 QU <sub>8</sub>	1995 08 28.30441	21 21 09.45	-07 47 13.4		691	1995 QD <sub>9</sub>	1995 09 02.19858	21 08 33.52	-08 05 08.4	17.8 V	691
1995 QU <sub>8</sub>	1995 09 02.20446	21 17 02.85	-08 11 07.4		691	1995 QD <sub>9</sub>	1995 09 02.21988	21 08 32.72	-08 05 19.0		691
1995 QU <sub>8</sub>	1995 09 02.22575	21 17 01.77	-08 11 13.1		691	1995 QD <sub>9</sub>	1995 09 02.24148	21 08 31.92	-08 05 29.3		691



1995 QE <sub>9</sub>	* 1995 08 28.31950	21 12 04.28	-07 17 03.7		691	1995 QN <sub>9</sub>	1995 09 03.23162	21 20 18.43	-07 35 54.2		691
1995 QE <sub>9</sub>	1995 08 28.34058	21 12 03.69	-07 17 06.5	20.0 V	691	1995 QO <sub>9</sub>	* 1995 08 28.32777	21 24 00.61	-07 21 02.1		691
1995 QE <sub>9</sub>	1995 08 28.36146	21 12 03.15	-07 17 09.1		691	1995 QO <sub>9</sub>	1995 08 28.34884	21 23 59.56	-07 21 14.8	18.5 V	691
1995 QE <sub>9</sub>	1995 09 03.18192	21 09 34.81	-07 30 20.9		691	1995 QO <sub>9</sub>	1995 08 28.36972	21 23 58.54	-07 21 28.5		691
1995 QE <sub>9</sub>	1995 09 03.20304	21 09 34.29	-07 30 23.2		691	1995 QO <sub>9</sub>	1995 09 02.20667	21 20 14.64	-08 10 53.1		691
1995 QE <sub>9</sub>	1995 09 03.22418	21 09 33.74	-07 30 26.6	20.7 V	691	1995 QO <sub>9</sub>	1995 09 02.22797	21 20 13.69	-08 11 06.1	18.7 V	691
1995 QF <sub>9</sub>	* 1995 08 28.31955	21 12 09.32	-07 20 43.9		691	1995 QO <sub>9</sub>	1995 09 02.24957	21 20 12.65	-08 11 19.7		691
1995 QF <sub>9</sub>	1995 08 28.34063	21 12 08.25	-07 20 50.8	19.9 V	691	1995 QP <sub>9</sub>	* 1995 08 28.33064	21 28 09.51	-07 21 14.3	19.9 V	691
1995 QF <sub>9</sub>	1995 08 28.36151	21 12 07.27	-07 20 57.3		691	1995 QP <sub>9</sub>	1995 08 28.35172	21 28 08.47	-07 21 23.9		691
1995 QF <sub>9</sub>	1995 09 03.18072	21 07 50.29	-07 52 44.5		691	1995 QP <sub>9</sub>	1995 09 02.20961	21 24 29.25	-07 58 11.4	20.0 V	691
1995 QF <sub>9</sub>	1995 09 03.20183	21 07 49.42	-07 52 51.8		691	1995 QP <sub>9</sub>	1995 09 02.23091	21 24 28.27	-07 58 21.2		691
1995 QF <sub>9</sub>	1995 09 03.22297	21 07 48.52	-07 52 58.0	20.4 V	691	1995 QP <sub>9</sub>	1995 09 02.25251	21 24 27.31	-07 58 31.2		691
1995 QG <sub>9</sub>	* 1995 08 28.32013	21 12 58.82	-07 15 00.8	20.8 V	691	1995 QQ <sub>9</sub>	* 1995 08 28.33800	21 08 20.41	-07 14 40.0	20.6 V	691
1995 QG <sub>9</sub>	1995 08 28.34121	21 12 57.88	-07 15 04.2		691	1995 QQ <sub>9</sub>	1995 08 28.35888	21 08 19.45	-07 14 43.2		691
1995 QG <sub>9</sub>	1995 09 03.18159	21 09 05.67	-07 29 50.0	21.2 V	691	1995 QQ <sub>9</sub>	1995 09 03.17833	21 04 23.90	-07 30 51.2	20.9 V	691
1995 QG <sub>9</sub>	1995 09 03.20270	21 09 04.85	-07 29 53.7		691	1995 QQ <sub>9</sub>	1995 09 03.19944	21 04 23.06	-07 30 54.9		691
1995 QG <sub>9</sub>	1995 09 03.22384	21 09 04.05	-07 29 56.3		691	1995 QQ <sub>9</sub>	1995 09 03.22058	21 04 22.25	-07 30 57.9		691
1995 QH <sub>9</sub>	* 1995 08 28.32227	21 16 04.76	-07 19 23.0		691	1995 QR <sub>9</sub>	* 1995 08 29.21753	21 21 17.81	-06 49 59.1	18.9 V	691
1995 QH <sub>9</sub>	1995 08 28.34335	21 16 03.66	-07 19 27.4	19.1 V	691	1995 QR <sub>9</sub>	1995 08 29.23864	21 21 17.02	-06 50 08.8		691
1995 QH <sub>9</sub>	1995 08 28.36423	21 16 02.64	-07 19 31.4		691	1995 QR <sub>9</sub>	1995 09 03.18811	21 18 31.04	-07 28 01.6		691
1995 QH <sub>9</sub>	1995 09 03.18346	21 11 47.69	-07 39 42.1	19.5 V	691	1995 QR <sub>9</sub>	1995 09 03.20923	21 18 30.35	-07 28 10.9	19.7 V	691
1995 QH <sub>9</sub>	1995 09 03.20457	21 11 46.81	-07 39 46.6		691	1995 QR <sub>9</sub>	1995 09 03.23037	21 18 29.65	-07 28 20.8		691
1995 QH <sub>9</sub>	1995 09 03.22571	21 11 45.92	-07 39 51.1		691	1995 QS <sub>9</sub>	* 1995 08 31.36890	22 45 34.97	+06 15 14.5		691
1995 QJ <sub>9</sub>	* 1995 08 28.32231	21 16 08.41	-07 16 12.2	17.6 V	691	1995 QS <sub>9</sub>	1995 08 31.39002	22 45 33.98	+06 14 41.4		691
1995 QJ <sub>9</sub>	1995 08 28.34339	21 16 07.46	-07 16 24.4		691	1995 QS <sub>9</sub>	1995 08 31.41108	22 45 32.97	+06 14 08.9	19.7 V	691
1995 QJ <sub>9</sub>	1995 08 28.36427	21 16 06.59	-07 16 35.8		691	1995 QS <sub>9</sub>	1995 09 02.26779	22 44 12.94	+05 26 00.3	19.8 V	691
1995 QJ <sub>9</sub>	1995 09 02.20160	21 12 55.17	-08 01 53.6		691	1995 QS <sub>9</sub>	1995 09 02.27339	22 44 12.66	+05 25 51.7		691
1995 QJ <sub>9</sub>	1995 09 02.22290	21 12 54.36	-08 02 05.6	17.7 V	691	1995 QS <sub>9</sub>	1995 09 03.35914	22 43 25.05	+04 57 09.9	19.7 V	691
1995 QJ <sub>9</sub>	1995 09 02.24450	21 12 53.52	-08 02 17.6		691	1995 QS <sub>9</sub>	1995 09 03.37170	22 43 24.46	+04 56 49.8		691
1995 QK <sub>9</sub>	* 1995 08 28.32598	21 21 25.77	-07 24 04.9	19.8 V	691	1995 QS <sub>9</sub>	1995 09 03.37716	22 43 24.19	+04 56 41.4		691
1995 QK <sub>9</sub>	1995 08 28.34706	21 21 24.60	-07 24 11.8		691	1995 RU	* 1995 09 02.26959	22 46 49.44	+05 17 11.0		691
1995 QK <sub>9</sub>	1995 08 28.36793	21 21 23.44	-07 24 18.3		691	1995 RU	1995 09 02.27519	22 46 49.10	+05 17 10.7	20.7 V	691
1995 QK <sub>9</sub>	1995 09 03.18668	21 16 26.67	-07 55 19.0		691	1995 RU	1995 09 03.36076	22 45 45.40	+05 16 07.0	20.3 V	691
1995 QK <sub>9</sub>	1995 09 03.20779	21 16 25.64	-07 55 25.7		691	1995 RU	1995 09 03.37332	22 45 44.63	+05 16 06.1		691
1995 QK <sub>9</sub>	1995 09 03.22892	21 16 24.59	-07 55 32.1	20.1 V	691	1995 RU	1995 09 03.37877	22 45 44.31	+05 16 05.3		691
1995 QL <sub>9</sub>	* 1995 08 28.32625	21 21 49.44	-07 19 27.7	20.7 V	691	1995 SA	* 1995 09 17.27105	23 27 16.49	-03 42 21.6	20.3 V	691
1995 QL <sub>9</sub>	1995 08 28.34733	21 21 48.60	-07 19 40.1		691	1995 SA	1995 09 17.29206	23 27 14.96	-03 42 40.5	20.3 V	691
1995 QL <sub>9</sub>	1995 08 28.36821	21 21 47.76	-07 19 50.0		691	1995 SA	1995 09 17.31289	23 27 13.48	-03 43 00.0	20.3 V	691
1995 QL <sub>9</sub>	1995 09 02.20569	21 18 49.33	-08 01 58.8		691	1995 SA	1995 09 18.39478	23 25 58.76	-03 59 26.1	20.7 V	691
1995 QL <sub>9</sub>	1995 09 02.22699	21 18 48.52	-08 02 10.7		691	1995 SA	1995 09 18.40251	23 25 58.25	-03 59 32.3	20.2 V	691
1995 QL <sub>9</sub>	1995 09 02.24859	21 18 47.75	-08 02 21.3	21.0 V	691	1995 SA	1995 09 18.40999	23 25 57.70	-03 59 39.8	20.8 V	691
1995 QM <sub>9</sub>	* 1995 08 28.32698	21 22 52.30	-07 19 49.1	19.0 V	691	1995 SA	1995 09 21.35615	23 22 40.81	-04 43 08.3	20.1 V	691
1995 QM <sub>9</sub>	1995 08 28.34806	21 22 51.26	-07 19 59.6		691	1995 SA	1995 09 21.36165	23 22 40.42	-04 43 13.0	20.4 V	691
1995 QM <sub>9</sub>	1995 08 28.36893	21 22 50.24	-07 20 09.5		691	1995 SA	1995 09 26.25512	23 17 36.17	-05 50 44.0	21.4	691
1995 QM <sub>9</sub>	1995 09 02.20599	21 19 15.50	-08 00 17.9	19.2 V	691	1995 SB	* 1995 09 18.25582	23 22 23.77	-01 57 16.4	21.0 V	691
1995 QM <sub>9</sub>	1995 09 02.22729	21 19 14.59	-08 00 28.5		691	1995 SB	1995 09 18.27712	23 22 19.95	-01 56 43.5	21.0 V	691
1995 QM <sub>9</sub>	1995 09 02.24888	21 19 13.62	-08 00 39.4		691	1995 SB	1995 09 18.29776	23 22 16.39	-01 56 12.3	20.8 V	691
1995 QN <sub>9</sub>	* 1995 08 28.32703	21 22 56.44	-07 22 00.0		691	1995 SB	1995 09 19.33682	23 19 24.31	-01 29 54.1	21.2 V	691
1995 QN <sub>9</sub>	1995 08 28.34811	21 22 55.86	-07 22 02.8	20.8 V	691	1995 SB	1995 09 19.34224	23 19 23.40	-01 29 46.1	21.2 V	691
1995 QN <sub>9</sub>	1995 08 28.36899	21 22 55.30	-07 22 06.0		691	1995 SB	1995 09 19.34761	23 19 22.46	-01 29 38.1	21.2 V	691
1995 QN <sub>9</sub>	1995 09 03.18937	21 20 19.53	-07 35 48.2		691	1995 SB	1995 09 21.32215	23 14 06.04	-00 40 44.0	21.0 V	691
1995 QN <sub>9</sub>	1995 09 03.21048	21 20 18.94	-07 35 51.6	21.1 V	691	1995 SB	1995 09 21.32778	23 14 05.05	-00 40 35.7	21.1 V	691

1995 SB	1995 09 26.23403	23 02 05.67	+01 13 55.7	21.4	691	(2646)	1995 08 27.44784	01 02 48.74	+09 25 55.9		691
1995 SB	1995 09 26.24434	23 02 04.00	+01 14 10.7	21.1	691	(2993)	1995 09 02.16465	21 16 32.94	-10 24 12.0	15.7 V	691
1995 ST	1995 08 22.38156	00 54 47.67	+09 41 06.8	18.5 V	691	(2993)	1995 09 02.17027	21 16 32.65	-10 24 11.4		691
1995 ST	1995 08 22.40324	00 54 47.22	+09 41 09.8		691	(3503)	1995 08 27.40253	00 59 54.45	+09 07 11.9	17.5 V	691
1995 ST	1995 08 22.42454	00 54 46.76	+09 41 12.9		691	(3503)	1995 08 27.42432	00 59 54.20	+09 07 03.7		691
1995 ST	1995 08 28.38122	00 52 20.36	+09 52 47.4	18.2 V	691	(3503)	1995 08 27.44582	00 59 53.93	+09 06 55.6		691
1995 ST	1995 08 28.42374	00 52 19.00	+09 52 51.0		691	(4986)	1995 08 28.32314	21 17 20.25	-07 11 53.6	17.2 V	691
1995 SC <sub>1</sub>	* 1995 09 23.18367	23 28 45.00	-02 37 31.8	19.2 V	691	(4986)	1995 08 28.34422	21 17 19.16	-07 12 00.5		691
1995 SC <sub>1</sub>	1995 09 23.20436	23 28 47.44	-02 35 55.5	19.9 V	691	(4986)	1995 08 28.36510	21 17 18.15	-07 12 06.9		691
1995 SC <sub>1</sub>	1995 09 23.22507	23 28 49.81	-02 34 20.1	19.6 V	691	(4986)	1995 09 03.18414	21 12 46.96	-07 43 44.2	17.7 V	691
1995 SC <sub>1</sub>	1995 09 24.18498	23 30 59.85	-01 21 07.9	19.6 V	691	(4986)	1995 09 03.20525	21 12 45.99	-07 43 51.0		691
1995 SC <sub>1</sub>	1995 09 24.19425	23 31 00.91	-01 20 26.1	19.6 V	691	(4986)	1995 09 03.22639	21 12 45.03	-07 43 57.8		691
1995 SC <sub>1</sub>	1995 09 26.25764	23 35 25.58	+01 08 13.5	20.1	691	(5048)	1995 09 02.35084	23 53 38.34	+01 02 50.1	17.5 V	691
1995 SC <sub>1</sub>	1995 09 26.26223	23 35 26.02	+01 08 30.6	20.2	691	(5048)	1995 09 02.35634	23 53 38.07	+01 02 48.5		691
1995 SD <sub>1</sub>	* 1995 09 23.19006	23 37 58.61	-02 38 37.7	17.8 V	691	(5048)	1995 09 02.36249	23 53 37.78	+01 02 46.9		691
1995 SD <sub>1</sub>	1995 09 23.21077	23 38 02.70	-02 39 21.2	17.8 V	691	(5244)	1995 08 22.29162	21 19 41.53	-07 55 32.9	17.2 V	691
1995 SD <sub>1</sub>	1995 09 23.23150	23 38 06.77	-02 40 04.7	17.8 V	691	(5244)	1995 08 22.31272	21 19 40.91	-07 55 36.5		691
1995 SD <sub>1</sub>	1995 09 24.17035	23 41 25.60	-03 12 51.6	17.8 V	691	(5244)	1995 08 22.33483	21 19 40.24	-07 55 40.5		691
1995 SD <sub>1</sub>	1995 09 24.17468	23 41 26.47	-03 13 00.6	17.8 V	691	(5244)	1995 08 27.24085	21 17 21.36	-08 09 43.3		691
1995 SD <sub>1</sub>	1995 09 24.17919	23 41 27.38	-03 13 10.3	17.8 V	691	(5244)	1995 08 27.26226	21 17 20.76	-08 09 47.1	17.1 V	691
1995 SD <sub>1</sub>	1995 09 26.26444	23 48 52.95	-04 25 57.8	18.3	691	(5244)	1995 08 27.28328	21 17 20.15	-08 09 50.8		691
1995 SD <sub>1</sub>	1995 09 26.26654	23 48 53.39	-04 26 02.6	18.3	691	(5244)	1995 09 02.20284	21 14 43.15	-08 26 51.4		691
1995 SN <sub>1</sub>	1995 08 25.34134	22 54 13.62	+06 37 03.0	19.7 V	691	(5244)	1995 09 02.22415	21 14 42.61	-08 26 55.0	17.2 V	691
1995 SN <sub>1</sub>	1995 08 25.36237	22 54 12.75	+06 36 54.0		691	(5436)	1995 09 02.24575	21 14 42.02	-08 26 58.8		691
1995 SN <sub>1</sub>	1995 08 25.38348	22 54 11.90	+06 36 44.8		691	(5436)	1995 08 22.21487	21 02 42.60	-08 22 39.8	18.4 V	691
1995 SN <sub>1</sub>	1995 08 31.28438	22 50 26.33	+05 48 35.3		691	(5436)	1995 08 22.23613	21 02 42.00	-08 22 42.1		691
1995 SN <sub>1</sub>	1995 08 31.30547	22 50 25.41	+05 48 24.1	19.7 V	691	(5481)	1995 08 22.25723	21 02 41.41	-08 22 44.9		691
1995 SN <sub>1</sub>	1995 08 31.32727	22 50 24.45	+05 48 12.0		691	(5481)	1995 08 29.40997	00 51 07.99	+11 05 41.8		691
1995 SR <sub>2</sub>	* 1995 09 26.27442	22 23 07.34	-08 08 35.8	20.3 V	691	(5481)	1995 08 29.43237	00 51 07.29	+11 05 43.0	17.8 V	691
1995 SR <sub>2</sub>	1995 09 26.29553	22 23 08.29	-08 08 45.3	20.3 V	691	(5597)	1995 08 29.45406	00 51 06.62	+11 05 43.9		691
1995 SR <sub>2</sub>	1995 09 26.31663	22 23 09.23	-08 08 54.9	20.2 V	691	(5597)	1995 08 20.42463	00 52 54.95	+09 09 38.5	16.4 V	691
1995 SR <sub>2</sub>	1995 09 27.15053	22 23 52.60	-08 15 14.7	20.7	691	(5597)	1995 08 20.44602	00 52 54.69	+09 09 42.0		691
1995 SR <sub>2</sub>	1995 09 27.31201	22 23 59.88	-08 16 25.2	20.6	691	(5597)	1995 08 20.46715	00 52 54.44	+09 09 44.9		691
1995 SR <sub>2</sub>	1995 09 29.19956	22 25 39.89	-08 29 30.4	20.6	691	(5597)	1995 08 27.39631	00 50 55.17	+09 23 26.0	17.3 V	691
1995 SR <sub>2</sub>	1995 09 29.20647	22 25 40.21	-08 29 33.5	20.4	691	(5597)	1995 08 27.41809	00 50 54.61	+09 23 27.2		691
1995 SA <sub>4</sub>	* 1995 09 27.45990	02 10 49.67	+13 27 29.2	19.7 V	691	(5858)	1995 08 27.43959	00 50 54.04	+09 23 29.0		691
1995 SA <sub>4</sub>	1995 09 27.47624	02 10 51.63	+13 27 11.0	19.8 V	691	(5858)	1995 08 29.18453	21 04 03.72	-06 36 13.4		691
1995 SA <sub>4</sub>	1995 09 27.49269	02 10 53.47	+13 26 52.9	19.8 V	691	(5858)	1995 08 29.20558	21 04 02.72	-06 36 20.7	15.8 V	691
1995 SA <sub>4</sub>	1995 09 29.43530	02 14 58.26	+12 54 05.3	19.8	691	(6072)	1995 08 29.22669	21 04 01.71	-06 36 27.8		691
1995 SA <sub>4</sub>	1995 09 29.44156	02 14 58.81	+12 53 59.2	19.6	691	(6072)	1995 08 29.18615	21 06 24.45	-06 28 24.4	16.2 V	691
1995 SA <sub>4</sub>	1995 09 30.28601	02 16 33.65	+12 40 31.0	19.6	691	(6072)	1995 08 29.20720	21 06 23.67	-06 28 32.1		691
1995 SA <sub>4</sub>	1995 09 30.29314	02 16 34.21	+12 40 24.9	19.5	691		1995 08 29.22832	21 06 22.89	-06 28 39.6		691
1995 SA <sub>4</sub>	1995 09 30.49185	02 16 50.15	+12 37 18.2	19.5	691						
1995 SA <sub>4</sub>	1995 09 30.49815	02 16 50.67	+12 37 12.1	19.5	691						
(608)	1995 08 22.29477	21 24 13.67	-07 29 34.6		691						
(608)	1995 08 22.31586	21 24 12.59	-07 29 36.5	14.0 V	691						
(608)	1995 08 22.33796	21 24 11.45	-07 29 38.2		691						
(2640)	1995 08 31.43697	04 48 09.52	+27 26 27.2		691						
(2640)	1995 08 31.45912	04 48 11.03	+27 26 33.4	18.1 V	691						
(2640)	1995 08 31.48329	04 48 12.65	+27 26 40.5		691						
(2646)	1995 08 27.40455	01 02 49.61	+09 25 50.2	16.1 V	691						
(2646)	1995 08 27.42634	01 02 49.17	+09 25 53.2		691						
<b>693 University of Arizona, Catalina Station</b>											
T. B. Spahr, Astronomy Department, University of Florida, P.O. Box 112055, Gainesville, FL 32611, U.S.A. [tbs@astro.ufl.edu]											
Observer T. B. Spahr											
Measurers T. B. Spahr, C. W. Hergenrother											
0.41-m <i>f</i> /3 Schmidt											
GSC											
	1995 QU <sub>3</sub>	1995 09 18.17905	21 52 06.51	+21 42 39.4	16.0 V	693					
	1995 QU <sub>3</sub>	1995 09 18.19771	21 52 05.34	+21 42 40.6		693					
	1995 QW <sub>3</sub>	* 1995 08 31.24255	21 09 39.65	+26 18 49.9	17.6 V	F 693					

1995 QW <sub>3</sub>	1995 08 31.26096	21 09 38.82	+26 18 41.6		F 693	1995 SH <sub>4</sub>	* 1995 09 29.23962	23 08 16.26	+29 24 14.5	17.7 V	693
1995 RA	1995 08 30.26256	21 45 43.05	+16 00 28.8		O 693	1995 SH <sub>4</sub>	1995 09 29.25613	23 08 14.89	+29 24 21.7		693
1995 RA	1995 08 30.28686	21 45 40.86	+16 00 44.5		O 693	1995 SH <sub>4</sub>	1995 09 30.22358	23 06 56.34	+29 31 37.4		I 693
1995 RA	* 1995 09 02.32431	21 41 24.75	+16 31 07.3	14.8 V	t 693	1995 SH <sub>4</sub>	1995 09 30.24256	23 06 54.63	+29 31 46.2		I 693
1995 RA	1995 09 02.34322	21 41 23.09	+16 31 18.6		t 693	1995 SJ <sub>4</sub>	* 1995 09 25.24209	23 21 46.40	+29 10 48.5	17.0 V	693
1995 SC	* 1995 09 20.31091	23 20 19.53	+46 40 50.1	15.5 V	693	1995 SJ <sub>4</sub>	1995 09 25.26096	23 21 45.47	+29 10 41.1		693
1995 SC	1995 09 20.33117	23 20 17.17	+46 41 11.5		693	1995 SJ <sub>4</sub>	1995 09 29.23962	23 18 56.08	+28 41 36.7		693
1995 SC	1995 09 21.30205	23 18 22.73	+46 59 55.9		693	1995 SJ <sub>4</sub>	1995 09 29.25613	23 18 55.35	+28 41 29.6		693
1995 SC	1995 09 21.31642	23 18 20.85	+47 00 12.6		693	1995 SK <sub>4</sub>	* 1995 09 26.32940	01 08 10.26	-24 47 55.3	16.0 V	693
1995 SR	* 1995 09 19.20733	22 32 27.97	+29 12 12.6	17.0 V	693	1995 SK <sub>4</sub>	1995 09 26.34056	01 08 09.93	-24 48 15.9		693
1995 SR	1995 09 20.19726	22 32 03.30	+28 51 19.8		693	1995 SK <sub>4</sub>	1995 09 27.33828	01 07 47.07	-25 17 45.6		693
1995 SR	1995 09 20.21690	22 32 02.77	+28 50 54.4		693	<b>697 Kitt Peak, McGraw-Hill Observatory</b>					
1995 SS	* 1995 09 19.32181	00 23 17.49	+37 12 52.9	17.3 V	693	J. Tonry, Room 6-204, Massachusetts Institute of Technology, Cambridge, MA					
1995 SS	1995 09 19.34094	00 23 16.42	+37 12 36.1		693	02139, U.S.A.					
1995 SS	1995 09 20.30022	00 22 23.81	+36 58 56.0		693	2.4-m reflector + CCD					
1995 SS	1995 09 20.32115	00 22 22.48	+36 58 37.5		693	1993 HV <sub>1</sub>	1995 09 13.40045	01 38 19.18	-07 09 06.0	18.8 I	697
1995 SA <sub>1</sub>	* 1995 09 18.25475	00 00 19.51	+38 55 41.0	17.7 V	693	1993 HV <sub>1</sub>	1995 09 14.36982	01 37 37.28	-07 09 31.5	18.8 I	697
1995 SA <sub>1</sub>	1995 09 18.27405	00 00 18.17	+38 55 40.6		693	1995 RJ	* 1995 09 12.34546	01 38 44.49	-07 11 49.0	17.7 I	697
1995 SA <sub>1</sub>	1995 09 19.28052	23 59 14.87	+38 53 55.4		693	1995 RJ	1995 09 12.36926	01 38 43.86	-07 11 59.2	17.7 I	697
1995 SA <sub>1</sub>	1995 09 19.30139	23 59 13.39	+38 53 53.0		693	1995 RJ	1995 09 13.38707	01 38 18.56	-07 19 24.6	17.7 I	697
1995 SA <sub>1</sub>	1995 09 27.20698	23 50 43.66	+38 25 01.7		693	1995 RJ	1995 09 14.38043	01 37 52.09	-07 26 40.0	17.7 I	697
1995 SA <sub>1</sub>	1995 09 27.22624	23 50 42.36	+38 24 55.3		693	1995 RJ	1995 09 15.38773	01 37 23.49	-07 34 01.3	17.7 I	697
1995 SB <sub>1</sub>	* 1995 09 19.22677	22 59 51.69	+36 57 48.4	16.7 V	693	<b>709 W &amp; B Observatory, Cloudcroft</b>					
1995 SB <sub>1</sub>	1995 09 19.24588	22 59 50.77	+36 57 34.5		693	W. Offutt, P.O. Drawer 1130, Cloudcroft, NM 88317, U.S.A.					
1995 SB <sub>1</sub>	1995 09 20.24265	22 59 11.06	+36 45 15.3		693	[offutt@galileo.apo.nmsu.edu]					
1995 SB <sub>1</sub>	1995 09 20.26142	22 59 10.25	+36 45 01.4		693	0.60-m <i>f</i> /7 Ritchey-Chrétien + CCD					
1995 SB <sub>1</sub>	1995 09 25.27359	22 56 04.88	+35 33 44.4		693	GSC					
1995 SB <sub>1</sub>	1995 09 25.29157	22 56 04.18	+35 33 28.8		693	1993 SC	1995 09 24.21934	00 08 41.14	+01 44 52.7		709
1995 SO <sub>1</sub>	* 1995 09 19.32181	00 11 06.77	+35 55 36.2	17.2 V	693	1993 SC	1995 09 24.26378	00 08 41.02	+01 44 49.8		709
1995 SO <sub>1</sub>	1995 09 19.34094	00 11 05.59	+35 55 37.6		693	1993 SC	1995 09 24.28603	00 08 40.57	+01 44 48.6		709
1995 SO <sub>1</sub>	1995 09 20.30022	00 10 15.55	+35 56 05.0		693	1993 SC	1995 09 26.24748	00 08 30.26	+01 43 44.5		709
1995 SO <sub>1</sub>	1995 09 24.38779	00 06 37.18	+35 54 39.6	17.5 V	693	1993 SC	1995 09 26.26969	00 08 30.02	+01 43 42.1		709
1995 SO <sub>1</sub>	1995 09 24.39815	00 06 36.56	+35 54 38.8		693	1993 SC	1995 09 26.29193	00 08 30.08	+01 43 45.5		709
1995 SP <sub>1</sub>	* 1995 09 21.23553	23 12 12.09	+26 44 54.4	16.5 V	693	1993 SC	1995 09 26.31417	00 08 29.78	+01 43 41.4		709
1995 SP <sub>1</sub>	1995 09 21.25397	23 12 10.81	+26 44 55.1		693	1993 SC	1995 09 26.33642	00 08 29.64	+01 43 39.9		709
1995 SP <sub>1</sub>	1995 09 24.18133	23 09 04.19	+26 44 58.1		693	1993 SC	1995 09 26.35867	00 08 29.71	+01 43 42.3		709
1995 SP <sub>1</sub>	1995 09 24.20608	23 09 02.53	+26 44 57.3		693	1993 SC	1995 09 26.38090	00 08 29.40	+01 43 41.3		709
1995 SQ <sub>1</sub>	* 1995 09 21.23553	22 52 08.95	+25 53 46.5	17.0 V	693	<b>711 McDonald Observatory</b>					
1995 SQ <sub>1</sub>	1995 09 21.25397	22 52 07.37	+25 53 48.6		693	A. L. Whipple, McDonald Observatory, University of Texas, Austin, TX 78712,					
1995 SQ <sub>1</sub>	1995 09 24.16532	22 48 05.36	+25 58 46.6		693	U.S.A. [alw@astro.as.utexas.edu]					
1995 SQ <sub>1</sub>	1995 09 24.19477	22 48 02.84	+25 58 49.8		693	Observer A. Whipple					
1995 SR <sub>1</sub>	* 1995 09 21.25397	23 09 01.56	+24 25 36.7		693	Measurer R. Whited					
1995 SR <sub>1</sub>	1995 09 24.18135	23 06 23.43	+24 19 12.0	16.0 V	693	0.76-m telescope with Prime Focus Corrector + CCD					
1995 SR <sub>1</sub>	1995 09 24.20608	23 06 22.14	+24 19 08.5		693	ACRS, GSC 1.1					
1995 SB <sub>4</sub>	* 1995 09 25.27359	22 33 14.34	+37 41 15.9	18 V	693	1992 LC	1995 09 21.46354	02 31 06.29	-05 11 06.1		711
1995 SB <sub>4</sub>	1995 09 25.30046	22 33 13.02	+37 41 12.4		693	1992 LC	1995 09 21.47674	02 31 05.84	-05 11 11.1		711
1995 SB <sub>4</sub>	1995 09 29.19674	22 30 23.82	+37 28 13.3	17.5 V	693	1994 TF <sub>2</sub>	1995 09 21.39983	01 30 46.72	-05 51 46.9		711
1995 SB <sub>4</sub>	1995 09 29.21742	22 30 22.82	+37 28 08.9		693	1994 TF <sub>2</sub>	1995 09 21.40399	01 30 46.38	-05 52 07.8		711
1995 SG <sub>4</sub>	* 1995 09 26.21551	23 24 21.34	+37 50 59.4		693	1995 FG	1995 05 09.21979	13 43 05.62	-01 11 32.5		711
1995 SG <sub>4</sub>	1995 09 26.23674	23 24 19.39	+37 51 06.1	17.5 V	693	1995 FG	1995 05 09.23854	13 43 08.23	-01 11 37.7		711
1995 SG <sub>4</sub>	1995 09 29.20703	23 20 05.73	+38 02 54.6		693						
1995 SG <sub>4</sub>	1995 09 29.22841	23 20 04.04	+38 02 58.0		693						



1977 QY	1995 09 28.38427	04 52 37.17	+38 07 58.9	801	1985 SL <sub>3</sub>	1995 09 29.04486	20 11 28.62	-16 51 05.4	801
1977 QY	1995 09 29.35098	04 53 16.23	+38 16 10.1	801	1985 TA <sub>2</sub>	1995 09 24.09999	21 16 44.79	-09 48 22.7	801
1977 QY	1995 09 29.36970	04 53 16.96	+38 16 19.5	801	1985 TA <sub>2</sub>	1995 09 28.06602	21 15 37.49	-09 50 34.0	801
1978 EU <sub>9</sub>	1995 09 28.22999	00 50 02.68	+03 11 31.9	801	1985 TA <sub>2</sub>	1995 09 28.10465	21 15 36.92	-09 50 34.9	801
1978 EU <sub>9</sub>	1995 09 28.24734	00 50 01.86	+03 11 25.9	801	1986 CC <sub>2</sub>	1995 09 24.07215	21 25 55.61	-06 18 30.1	801
1978 EU <sub>9</sub>	1995 09 29.24102	00 49 16.80	+03 05 53.8	801	1986 CC <sub>2</sub>	1995 09 24.10834	21 25 54.97	-06 18 19.9	801
1978 PJ <sub>2</sub>	1995 09 28.22492	00 37 55.20	+04 15 52.4	801	1986 CC <sub>2</sub>	1995 09 28.09400	21 25 19.70	-05 59 17.0	801
1978 PJ <sub>2</sub>	1995 09 28.23822	00 37 54.53	+04 15 47.7	801	1986 CC <sub>2</sub>	1995 09 28.12574	21 25 19.50	-05 59 07.9	801
1978 PJ <sub>2</sub>	1995 09 29.22269	00 37 13.06	+04 09 25.7	801	1986 RT <sub>5</sub>	1995 09 29.10076	22 29 34.07	-02 37 01.5	801
1978 PJ <sub>2</sub>	1995 09 29.23610	00 37 12.48	+04 09 20.6	801	1986 RT <sub>5</sub>	1995 09 29.12350	22 29 33.38	-02 37 07.4	801
1978 RK <sub>1</sub>	1995 09 28.30840	03 17 29.99	+14 53 11.9	801	1986 TR <sub>4</sub>	1995 09 28.36869	04 48 46.66	+26 13 09.6	801
1978 RK <sub>1</sub>	1995 09 28.36678	03 17 29.29	+14 53 08.2	801	1986 TR <sub>4</sub>	1995 09 28.38132	04 48 47.10	+26 13 10.8	801
1978 RK <sub>1</sub>	1995 09 29.29631	03 17 18.95	+14 52 03.1	801	1986 TR <sub>4</sub>	1995 09 29.36765	04 49 28.26	+26 14 22.6	801
1978 RK <sub>1</sub>	1995 09 29.35685	03 17 18.06	+14 51 58.7	801	1986 TB <sub>12</sub>	1995 09 28.21425	00 28 28.54	+07 50 09.8	801
1980 TQ <sub>14</sub>	1995 09 28.27527	02 03 16.92	+06 23 21.1	801	1986 TB <sub>12</sub>	1995 09 28.23270	00 28 27.56	+07 50 05.9	801
1980 TQ <sub>14</sub>	1995 09 28.29655	02 03 16.28	+06 23 13.8	801	1986 TB <sub>12</sub>	1995 09 29.21672	00 27 36.31	+07 46 34.7	801
1980 TQ <sub>14</sub>	1995 09 29.25146	02 02 49.29	+06 17 43.0	801	1986 TB <sub>12</sub>	1995 09 29.23211	00 27 35.46	+07 46 31.3	801
1980 TQ <sub>14</sub>	1995 09 29.27168	02 02 48.64	+06 17 35.8	801	1987 QZ <sub>1</sub>	1995 09 28.30586	03 01 58.58	+26 09 04.5	801
1981 ES <sub>4</sub>	1995 09 28.03218	20 31 42.87	-18 14 31.6	801	1987 QZ <sub>1</sub>	1995 09 28.34543	03 01 58.25	+26 09 14.1	801
1981 ES <sub>4</sub>	1995 09 28.05297	20 31 43.02	-18 14 21.8	801	1987 QZ <sub>1</sub>	1995 09 29.29132	03 01 51.59	+26 13 01.1	801
1981 ES <sub>4</sub>	1995 09 29.03497	20 31 53.96	-18 06 10.6	801	1987 QZ <sub>1</sub>	1995 09 29.33617	03 01 51.11	+26 13 11.7	801
1981 ES <sub>4</sub>	1995 09 29.05543	20 31 54.22	-18 06 01.2	801	1987 SH <sub>3</sub>	1995 09 28.34992	04 11 00.75	+03 33 12.2	801
1981 EC <sub>8</sub>	1995 09 28.14315	22 51 55.13	+01 52 10.4	801	1987 SH <sub>3</sub>	1995 09 28.36220	04 11 01.28	+03 32 55.1	801
1981 EC <sub>8</sub>	1995 09 28.15654	22 51 54.80	+01 52 04.3	801	1987 SM <sub>4</sub>	1995 09 24.03964	21 08 33.75	-05 16 07.2	801
1981 EC <sub>8</sub>	1995 09 29.13416	22 51 34.12	+01 44 49.7	801	1987 SM <sub>4</sub>	1995 09 24.11368	21 08 33.00	-05 16 10.2	801
1981 EC <sub>8</sub>	1995 09 29.15866	22 51 33.53	+01 44 38.6	801	1987 SM <sub>4</sub>	1995 09 29.07219	21 08 20.86	-05 18 51.6	801
1981 SO	1995 09 21.26866	01 36 04.99	+14 36 12.1	801	1987 SM <sub>4</sub>	1995 09 29.12924	21 08 20.90	-05 18 52.4	801
1981 SO	1995 09 21.28771	01 36 04.11	+14 36 13.5	801	1987 VC <sub>1</sub>	1995 09 28.19847	00 20 41.58	-01 49 32.1	801
1981 SO	1995 09 28.25489	01 30 29.10	+14 40 26.6	801	1987 VC <sub>1</sub>	1995 09 28.21222	00 20 40.79	-01 49 35.1	801
1981 SO	1995 09 28.26943	01 30 28.18	+14 40 26.2	801	1987 VC <sub>1</sub>	1995 09 29.21072	00 19 45.81	-01 53 07.5	801
1981 VS	1995 09 28.35549	04 13 45.13	+18 16 31.4	801	1987 VC <sub>1</sub>	1995 09 29.23005	00 19 44.73	-01 53 11.4	801
1981 VS	1995 09 28.37919	04 13 46.20	+18 16 24.4	801	1987 XC	1995 09 29.25339	02 11 52.64	-08 43 25.1	801
1981 VS	1995 09 29.32396	04 14 30.19	+18 11 41.3	801	1987 XC	1995 09 29.26924	02 11 51.81	-08 43 22.9	801
1981 VS	1995 09 29.34243	04 14 31.00	+18 11 35.5	801	1988 PV	1995 09 29.24678	01 14 22.53	+13 53 04.1	801
1984 FK	1995 09 28.09992	21 52 35.25	-12 09 36.9	801	1988 PV	1995 09 29.26084	01 14 21.88	+13 52 57.2	801
1984 FK	1995 09 28.12770	21 52 34.73	-12 09 43.4	801	1988 RK <sub>8</sub>	1995 09 21.27380	01 49 50.02	+10 04 38.3	801
1984 FK	1995 09 29.07977	21 52 20.44	-12 13 33.5	801	1988 RK <sub>8</sub>	1995 09 21.29546	01 49 49.41	+10 04 32.6	801
1984 FK	1995 09 29.11535	21 52 19.86	-12 13 41.5	801	1988 RK <sub>8</sub>	1995 09 28.27140	01 46 07.78	+09 29 17.1	801
1984 SR	1995 09 21.25054	01 39 34.28	+21 00 53.0	801	1988 RK <sub>8</sub>	1995 09 28.28541	01 46 07.23	+09 29 12.3	801
1984 SR	1995 09 21.25464	01 39 34.04	+21 00 59.7	801	1988 TC <sub>1</sub>	1995 09 29.24980	01 25 35.17	+09 21 37.2	801
1984 SR	1995 09 28.25489	01 31 44.76	+24 18 18.9	801	1988 TC <sub>1</sub>	1995 09 29.26725	01 25 34.25	+09 21 35.6	801
1984 SR	1995 09 28.26334	01 31 44.07	+24 18 33.3	801	1988 XZ	1995 09 28.22645	00 47 32.45	+12 32 11.7	801
1984 WA <sub>4</sub>	1995 09 28.15197	23 17 17.93	-03 42 31.6	801	1988 XZ	1995 09 28.24021	00 47 31.71	+12 32 07.1	801
1984 WA <sub>4</sub>	1995 09 28.16694	23 17 17.13	-03 42 34.3	801	1988 XZ	1995 09 29.22425	00 46 39.66	+12 26 14.2	801
1984 WA <sub>4</sub>	1995 09 29.17606	23 16 26.05	-03 45 18.2	801	1988 XZ	1995 09 29.23840	00 46 38.85	+12 26 08.7	801
1984 WA <sub>4</sub>	1995 09 29.19538	23 16 25.09	-03 45 20.8	801	1988 XK <sub>1</sub>	1995 09 21.27762	01 58 19.55	+07 58 24.5	801
1985 RC <sub>4</sub>	1995 09 28.19028	00 07 44.74	-02 16 16.2	801	1988 XK <sub>1</sub>	1995 09 21.30126	01 58 18.89	+07 58 21.1	801
1985 RC <sub>4</sub>	1995 09 28.20338	00 07 44.09	-02 16 20.5	801	1988 XK <sub>1</sub>	1995 09 28.27375	01 54 37.15	+07 39 16.5	801
1985 RC <sub>4</sub>	1995 09 29.18703	00 06 59.19	-02 21 51.1	801	1988 XK <sub>1</sub>	1995 09 28.29499	01 54 36.28	+07 39 12.4	801
1985 RC <sub>4</sub>	1995 09 29.20506	00 06 58.41	-02 21 56.6	801	1989 EC	1995 09 28.14165	22 42 28.37	+04 57 25.0	801
1985 SL <sub>3</sub>	1995 09 28.02046	20 10 34.94	-16 56 07.6	801	1989 EC	1995 09 28.15351	22 42 27.26	+04 57 30.5	801
1985 SL <sub>3</sub>	1995 09 28.03898	20 10 35.84	-16 56 01.0	801	1989 EC	1995 09 29.13130	22 40 59.28	+05 04 37.7	801

1989 EC	1995 09 29.14298	22 40 58.21	+05 04 42.6	801	1991 TL <sub>1</sub>	1995 09 29.38622	06 23 09.94	+06 11 14.2	801
1990 DL	1995 09 21.28363	02 23 10.46	+20 15 01.1	801	1991 UL <sub>2</sub>	1995 09 28.22253	00 37 08.63	-04 11 45.9	801
1990 DL	1995 09 21.30544	02 23 09.84	+20 15 02.9	801	1991 UL <sub>2</sub>	1995 09 28.23653	00 37 07.93	-04 11 51.3	801
1990 DL	1995 09 28.27734	02 19 18.53	+20 20 26.1	801	1991 UL <sub>2</sub>	1995 09 29.21975	00 36 19.71	-04 18 04.9	801
1990 DL	1995 09 28.29892	02 19 17.66	+20 20 26.8	801	1991 UL <sub>2</sub>	1995 09 29.23400	00 36 18.97	-04 18 10.6	801
1990 OK <sub>2</sub>	1995 09 21.26490	01 26 06.79	+00 23 08.9	801	1991 VE <sub>1</sub>	1995 09 24.06727	21 19 24.64	+04 06 49.6	801
1990 OK <sub>2</sub>	1995 09 21.27598	01 26 06.38	+00 23 06.1	801	1991 VE <sub>1</sub>	1995 09 24.09775	21 19 24.20	+04 06 36.7	801
1990 OK <sub>2</sub>	1995 09 28.25074	01 21 32.93	-00 07 04.6	801	1991 VE <sub>1</sub>	1995 09 28.08491	21 18 56.38	+03 38 05.3	801
1990 OK <sub>2</sub>	1995 09 28.26753	01 21 32.18	-00 07 08.9	801	1991 VE <sub>1</sub>	1995 09 28.10638	21 18 56.29	+03 37 55.9	801
1990 QE <sub>8</sub>	1995 09 28.24351	01 01 57.46	-01 43 43.2	801	1991 VC <sub>4</sub>	1995 09 21.31786	03 34 17.11	+22 35 03.9	801
1990 QE <sub>8</sub>	1995 09 28.25924	01 01 56.74	-01 43 49.3	801	1991 VC <sub>4</sub>	1995 09 21.33176	03 34 17.57	+22 35 01.2	801
1990 QE <sub>8</sub>	1995 09 29.24309	01 01 12.54	-01 50 22.9	801	1991 VC <sub>4</sub>	1995 09 28.31497	03 37 52.22	+22 07 16.5	801
1990 QE <sub>8</sub>	1995 09 29.25902	01 01 11.74	-01 50 29.9	801	1991 VC <sub>4</sub>	1995 09 28.33927	03 37 52.75	+22 07 09.6	801
1990 SM <sub>9</sub>	1995 09 21.22843	00 40 37.63	-00 54 20.0	801	1991 VU <sub>4</sub>	1995 09 29.19013	00 07 04.72	-05 40 16.4	801
1990 SM <sub>9</sub>	1995 09 21.24300	00 40 36.97	-00 54 24.8	801	1991 VU <sub>4</sub>	1995 09 29.20650	00 07 03.96	-05 40 22.2	801
1990 SM <sub>9</sub>	1995 09 28.22019	00 35 19.78	-01 32 16.0	801	1991 XH	1995 09 28.30997	03 18 23.74	-04 09 54.3	801
1990 SM <sub>9</sub>	1995 09 28.23429	00 35 19.10	-01 32 20.2	801	1991 XH	1995 09 28.33312	03 18 23.61	-04 10 06.9	801
1990 TU	1995 09 21.20913	23 50 48.41	+09 43 29.3	801	1991 XH	1995 09 29.31734	03 18 19.18	-04 19 09.5	801
1990 TU	1995 09 21.22297	23 50 47.82	+09 43 21.7	801	1992 BN	1995 09 28.29333	02 52 27.38	-01 03 12.0	801
1990 TU	1995 09 28.16883	23 46 08.40	+08 38 46.5	801	1992 BN	1995 09 28.32421	02 52 26.74	-01 03 23.0	801
1990 TU	1995 09 28.18155	23 46 07.87	+08 38 39.0	801	1992 BN	1995 09 29.28487	02 52 07.11	-01 09 07.4	801
1990 UF	1995 09 24.07900	22 08 21.94	-05 27 31.6	801	1992 BN	1995 09 29.30730	02 52 06.54	-01 09 16.1	801
1990 UF	1995 09 24.11083	22 08 21.14	-05 27 42.1	801	1992 EL <sub>1</sub>	1995 09 28.36020	04 43 40.08	+16 50 31.0	801
1990 UF	1995 09 28.10821	22 06 57.82	-05 47 20.3	801	1992 EL <sub>1</sub>	1995 09 28.39031	04 43 40.53	+16 50 33.7	801
1990 UF	1995 09 28.13975	22 06 57.20	-05 47 28.8	801	1992 EL <sub>1</sub>	1995 09 29.33339	04 43 57.43	+16 52 11.1	801
1990 VJ <sub>3</sub>	1995 09 21.28595	02 27 14.10	+25 21 10.9	801	1992 EL <sub>1</sub>	1995 09 29.36073	04 43 57.89	+16 52 13.5	801
1990 VJ <sub>3</sub>	1995 09 21.31439	02 27 13.59	+25 21 10.9	801	1992 UH <sub>3</sub>	1995 09 29.11808	22 35 30.91	-13 33 45.5	801
1990 VJ <sub>3</sub>	1995 09 28.28021	02 24 41.37	+25 17 46.4	801	1992 UH <sub>3</sub>	1995 09 29.14122	22 35 29.91	-13 33 43.8	801
1990 VJ <sub>3</sub>	1995 09 28.32791	02 24 40.02	+25 17 42.7	801	1992 YE	1995 09 28.14874	23 16 24.06	+07 13 21.6	801
1991 AA	1995 09 21.27160	01 44 58.66	+08 28 32.3	801	1992 YE	1995 09 28.15823	23 16 23.50	+07 13 18.9	801
1991 AA	1995 09 21.28929	01 44 58.06	+08 28 30.6	801	1992 YE	1995 09 29.16384	23 15 29.87	+07 08 42.2	801
1991 AA	1995 09 28.26600	01 40 43.74	+08 15 13.4	801	1992 YE	1995 09 29.17977	23 15 28.99	+07 08 37.6	801
1991 AA	1995 09 28.28334	01 40 42.99	+08 15 11.1	801	1993 BL <sub>3</sub>	1995 09 28.29154	02 46 33.37	+06 36 55.8	801
1991 CA <sub>3</sub>	1995 09 29.27477	02 25 44.87	+39 35 27.6	801	1993 BL <sub>3</sub>	1995 09 28.33009	02 46 32.62	+06 36 56.6	801
1991 CA <sub>3</sub>	1995 09 29.28697	02 25 44.29	+39 35 40.0	801	1993 BL <sub>3</sub>	1995 09 29.28046	02 46 15.80	+06 37 11.8	801
1991 NS <sub>2</sub>	1995 09 28.04235	20 37 00.07	-11 47 39.5	801	1993 BL <sub>3</sub>	1995 09 29.31074	02 46 15.17	+06 37 12.1	801
1991 NS <sub>2</sub>	1995 09 28.07256	20 37 00.75	-11 47 45.7	801	1994 EH	1995 09 24.23146	00 32 06.23	+20 22 22.4	801
1991 NS <sub>2</sub>	1995 09 29.03812	20 37 28.39	-11 51 41.0	801	1994 EH	1995 09 28.20903	00 26 06.57	+20 39 42.8	801
1991 NS <sub>2</sub>	1995 09 29.06948	20 37 29.35	-11 51 47.2	801	1994 EH	1995 09 28.21714	00 26 05.81	+20 39 44.7	801
1991 PK <sub>15</sub>	1995 09 28.02914	20 24 08.65	-18 23 08.6	801	1994 EH	1995 09 29.21352	00 24 35.74	+20 43 24.2	801
1991 PK <sub>15</sub>	1995 09 28.04946	20 24 09.36	-18 23 03.9	801	1994 EH	1995 09 29.22669	00 24 34.52	+20 43 27.1	801
1991 PK <sub>15</sub>	1995 09 29.03053	20 24 47.90	-18 18 51.2	801	1994 EE <sub>1</sub>	1995 09 28.17413	23 53 57.70	-11 02 03.4	801
1991 PK <sub>15</sub>	1995 09 29.05243	20 24 48.71	-18 18 44.8	801	1994 EE <sub>1</sub>	1995 09 28.18854	23 53 56.94	-11 02 04.8	801
1991 RN	1995 09 28.16157	23 19 57.06	+04 01 18.8	801	1994 EE <sub>1</sub>	1995 09 29.18565	23 53 08.31	-11 03 22.2	801
1991 RN	1995 09 28.17964	23 19 56.14	+04 01 16.9	801	1994 EE <sub>1</sub>	1995 09 29.20293	23 53 07.43	-11 03 23.2	801
1991 RN	1995 09 29.17744	23 19 08.96	+03 59 29.5	801	1994 EM <sub>1</sub>	1995 09 29.15199	23 10 16.95	-12 02 01.4	801
1991 RN	1995 09 29.19687	23 19 08.01	+03 59 27.4	801	1994 EM <sub>1</sub>	1995 09 29.17106	23 10 16.06	-12 02 04.5	801
1991 RA <sub>1</sub>	1995 09 29.09914	22 26 06.25	+01 21 28.1	801	1994 JG	1995 09 28.09640	21 46 03.20	-04 51 32.7	801
1991 RA <sub>1</sub>	1995 09 29.11993	22 26 05.38	+01 21 29.4	801	1994 JG	1995 09 28.11286	21 46 02.94	-04 51 39.2	801
1991 TL <sub>1</sub>	1995 09 28.39233	06 21 15.72	+06 26 53.3	801	1994 JG	1995 09 29.07733	21 45 49.98	-04 57 40.9	801
1991 TL <sub>1</sub>	1995 09 28.39689	06 21 16.15	+06 26 49.5	801	1994 JG	1995 09 29.10941	21 45 49.52	-04 57 53.8	801
1991 TL <sub>1</sub>	1995 09 29.38090	06 23 09.40	+06 11 18.1	801	1994 JA <sub>1</sub>	1995 09 28.37743	05 03 48.41	+23 07 45.3	801

1994 JA <sub>1</sub>	1995 09 28.39451	05 03 48.87	+23 07 48.4	801	3045 T-3	1995 09 29.30344	03 38 06.26	+22 51 41.0	801
1994 JA <sub>1</sub>	1995 09 29.38944	05 04 16.45	+23 10 56.7	801	3045 T-3	1995 09 29.33984	03 38 05.66	+22 51 48.7	801
1994 LK	1995 09 29.24846	01 22 10.24	+10 40 03.5	801	(1627)	1995 09 27.98251	16 56 27.94	-22 27 13.6	801
1994 LK	1995 09 29.26527	01 22 09.59	+10 39 52.4	801	(1627)	1995 09 27.98464	16 56 28.59	-22 27 16.6	801
1994 LL <sub>1</sub>	1995 09 28.31720	03 39 56.34	-12 51 15.5	801	(1627)	1995 09 28.98119	17 00 51.41	-22 43 52.2	801
1994 LL <sub>1</sub>	1995 09 28.33556	03 39 56.16	-12 51 25.9	801	(1627)	1995 09 28.98370	17 00 52.01	-22 43 54.9	801
1994 LL <sub>1</sub>	1995 09 29.30574	03 39 47.59	-13 00 48.6	801	(2412)	1995 09 21.20913	23 51 28.38	+09 46 39.9	801
1994 LL <sub>1</sub>	1995 09 29.32951	03 39 47.35	-13 01 02.4	801	(2412)	1995 09 21.22297	23 51 27.61	+09 46 36.7	801
1994 NC <sub>1</sub>	1995 09 29.29396	03 13 50.75	+06 10 36.4	801					
1994 NC <sub>1</sub>	1995 09 29.31313	03 13 50.39	+06 10 28.0	801	<b>816 Rand Observatory</b>				
1995 LK	1995 09 24.03417	20 26 20.99	+09 51 04.3	801	G. R. Viscome, 100 Sentinel Road, Lake Placid, NY 12946, U.S.A.				
1995 LK	1995 09 24.06940	20 26 20.88	+09 51 11.8	801	[73023.561@compuserve.com]				
1995 LK	1995 09 25.05155	20 26 24.05	+09 55 04.4	801	0.37-m $f/6$ reflector + CCD				
1995 LK	1995 09 25.09697	20 26 24.14	+09 55 15.5	801	GSC				
1995 LK	1995 09 28.03620	20 26 48.55	+10 06 01.5	801	1976 QE <sub>1</sub>	1995 09 24.23649	00 10 46.23	+08 06 58.2	17.4 R 816
1995 LK	1995 09 28.07575	20 26 49.03	+10 06 08.3	801	1976 QE <sub>1</sub>	1995 09 24.23823	00 10 46.13	+08 06 58.0	17.4 R 816
1995 MB	1995 09 27.99777	18 56 52.08	-00 38 33.2	801	1976 QE <sub>1</sub>	1995 09 24.23992	00 10 46.05	+08 06 57.8	17.4 R 816
1995 MB	1995 09 28.01600	18 56 53.33	-00 38 29.4	801	1976 QE <sub>1</sub>	1995 09 24.24163	00 10 45.98	+08 06 57.7	17.4 R 816
1995 MB	1995 09 29.00398	18 58 03.22	-00 34 51.1	801	1976 QE <sub>1</sub>	1995 09 30.23838	00 06 01.84	+07 55 40.2	17.1 R 816
1995 MB	1995 09 29.01809	18 58 04.37	-00 34 47.4	801	1976 QE <sub>1</sub>	1995 09 30.24079	00 06 01.71	+07 55 40.1	17.2 R 816
1995 NB	1995 09 28.05620	21 04 29.96	-23 47 23.9	801	1976 QE <sub>1</sub>	1995 09 30.25567	00 06 00.99	+07 55 38.3	17.1 R 816
1995 NB	1995 09 28.08812	21 04 30.64	-23 47 20.8	801	1980 VX <sub>2</sub>	1995 08 30.10182	17 27 39.33	+02 52 14.1	19.1 R d 816
1995 NB	1995 09 29.06192	21 04 56.02	-23 45 33.2	801	1980 VX <sub>2</sub>	1995 08 30.10904	17 27 39.55	+02 52 11.4	19.1 R d 816
1995 NB	1995 09 29.08762	21 04 56.63	-23 45 30.9	801	1981 EV <sub>19</sub>	1995 09 29.19240	00 02 14.94	+01 04 21.9	18.3 R 816
1995 QY <sub>2</sub>	1995 09 28.07936	21 17 13.02	-24 29 11.9	801	1981 EV <sub>19</sub>	1995 09 29.19451	00 02 14.85	+01 04 21.2	18.3 R 816
1995 QY <sub>2</sub>	1995 09 28.09163	21 17 12.85	-24 29 22.8	801	1981 EV <sub>19</sub>	1995 09 29.19814	00 02 14.69	+01 04 19.7	18.1 R 816
1995 QY <sub>2</sub>	1995 09 29.06543	21 17 04.64	-24 43 50.1	801	1981 EW <sub>21</sub>	1995 09 24.13124	22 42 16.14	-06 46 57.7	19.1 R 816
1995 QY <sub>2</sub>	1995 09 29.08562	21 17 04.32	-24 44 07.9	801	1981 EW <sub>21</sub>	1995 09 24.13722	22 42 15.93	-06 46 59.3	19.5 R 816
2645 P-L	1995 09 28.16440	23 45 58.87	-05 36 46.7	801	1981 VS	1995 09 29.29586	04 14 28.97	+18 11 49.6	16.2 R 816
2645 P-L	1995 09 28.17777	23 45 58.12	-05 36 50.7	801	1981 VS	1995 09 29.29785	04 14 29.06	+18 11 49.0	16.1 R 816
2645 P-L	1995 09 29.18199	23 45 01.37	-05 42 45.5	801	1981 VS	1995 09 29.30091	04 14 29.19	+18 11 48.0	16.2 R 816
2645 P-L	1995 09 29.19853	23 45 00.40	-05 42 51.0	801	1981 VS	1995 09 29.30279	04 14 29.27	+18 11 47.4	16.1 R 816
6530 P-L	1995 09 24.05439	21 08 39.20	-13 35 15.1	801	1987 VC <sub>1</sub>	1995 09 16.19296	00 31 17.78	-01 05 31.3	16.8 R 816
6530 P-L	1995 09 28.06273	21 08 22.86	-13 50 54.0	801	1987 VC <sub>1</sub>	1995 09 16.19509	00 31 17.67	-01 05 31.8	16.8 R 816
6530 P-L	1995 09 28.10260	21 08 22.74	-13 51 02.8	801	1987 VC <sub>1</sub>	1995 09 16.19692	00 31 17.57	-01 05 32.2	16.8 R 816
9512 P-L	1995 09 28.11047	22 12 18.27	-12 53 15.4	801	1988 QW	1995 09 24.31980	01 53 37.80	+17 31 57.7	15.7 R S 816
9512 P-L	1995 09 28.13751	22 12 17.55	-12 53 18.7	801	1988 QW	1995 09 24.32227	01 53 37.74	+17 31 58.0	15.7 R S 816
9512 P-L	1995 09 29.11253	22 11 48.49	-12 56 09.0	801	1988 QW	1995 09 24.32823	01 53 37.60	+17 31 58.3	15.8 R S 816
1213 T-1	1995 09 21.27032	01 41 23.27	+13 24 44.4	801	1990 UE <sub>3</sub>	1995 09 24.26991	23 32 40.33	-07 06 53.4	17.5 R 816
1213 T-1	1995 09 21.29232	01 41 22.80	+13 24 37.6	801	1991 RN	1995 09 29.15287	23 19 10.19	+03 59 32.1	15.2 R 816
1213 T-1	1995 09 28.26194	01 38 31.58	+12 43 25.9	801	1991 RN	1995 09 29.15534	23 19 10.07	+03 59 31.7	15.2 R 816
1213 T-1	1995 09 28.28204	01 38 30.92	+12 43 17.8	801	1991 RN	1995 09 29.15720	23 19 09.98	+03 59 31.6	15.2 R 816
2218 T-1	1995 09 28.14657	22 59 27.38	-13 41 21.9	801	1991 RN	1995 09 29.15898	23 19 09.89	+03 59 31.4	15.2 R 816
2218 T-1	1995 09 28.15993	22 59 26.71	-13 41 21.8	801	1994 LK	1995 08 18.24465	01 34 39.82	+16 11 57.0	17.8 R 816
2218 T-1	1995 09 29.14714	22 58 48.46	-13 42 27.4	801	1994 LK	1995 08 18.24797	01 34 39.86	+16 11 56.1	17.7 R 816
2218 T-1	1995 09 29.16875	22 58 47.58	-13 42 28.8	801	1994 LK	1995 08 19.30568	01 34 47.47	+16 07 35.2	17.8 R 816
1017 T-3	1995 09 24.02058	19 58 05.84	-14 20 01.4	801	1994 LK	1995 08 19.30820	01 34 47.49	+16 07 34.3	17.6 R 816
1017 T-3	1995 09 24.04714	19 58 06.44	-14 19 58.9	801	1994 LK	1995 09 16.22074	01 29 29.98	+12 55 30.2	16.7 R 816
1017 T-3	1995 09 29.02279	20 00 29.49	-14 12 15.1	801	1994 LK	1995 09 16.22262	01 29 29.91	+12 55 29.2	16.7 R 816
1017 T-3	1995 09 29.04926	20 00 30.29	-14 12 11.3	801	1994 LK	1995 09 16.22418	01 29 29.87	+12 55 28.1	16.8 R 816
3045 T-3	1995 09 28.31182	03 38 20.15	+22 47 57.1	801	1994 LK	1995 09 29.27594	01 22 09.16	+10 39 45.1	16.6 R 816
3045 T-3	1995 09 28.34785	03 38 19.64	+22 48 05.1	801	1994 LK	1995 09 29.27715	01 22 09.10	+10 39 44.3	16.8 R 816
					1994 LK	1995 09 29.27832	01 22 09.06	+10 39 43.4	16.9 R 816

1995 KA <sub>1</sub>	1995 08 28.11060	16 44 17.22	+02 55 27.0	18.3 R	W 816	(3040)	1995 07 22.31581	22 24 20.95	+00 12 14.8	16.8 R	816
1995 LE	1995 08 30.34751	03 43 11.22	+30 18 39.0	18.0 R	816	(3040)	1995 07 22.31796	22 24 20.88	+00 12 11.3	16.8 R	816
1995 LE	1995 08 30.35845	03 43 12.89	+30 18 42.3	17.9 R	816	(3752)	1995 08 26.09191	20 31 15.21	-02 04 20.4		816
1995 LE	1995 08 30.36080	03 43 13.24	+30 18 43.1	18.1 R	816	(3752)	1995 08 26.09432	20 31 14.89	-02 04 29.3		816
1995 LE	1995 08 30.36257	03 43 13.52	+30 18 43.7	18.1 R	816	(3752)	1995 08 28.07877	20 27 06.11	-04 04 11.6	16.7 R	816
1995 LE	1995 09 03.30110	03 53 06.29	+30 34 49.9	17.7 R	816	(3752)	1995 08 28.08317	20 27 05.56	-04 04 27.5	16.7 R	816
1995 LE	1995 09 03.30359	03 53 06.62	+30 34 50.6	17.8 R	816	(3752)	1995 08 28.08543	20 27 05.27	-04 04 35.6	16.7 R	816
1995 LE	1995 09 03.31705	03 53 08.46	+30 34 53.8	18.0 R	816	(4220)	1995 07 22.30741	22 24 08.21	+00 08 11.5	18.4 R	816
1995 LE	1995 09 03.31878	03 53 08.70	+30 34 54.0	18.0 R	816	(4220)	1995 07 22.31306	22 24 08.06	+00 08 11.1	18.7 R	816
1995 MX	1995 08 30.07046	17 38 10.14	-01 11 35.7	18.6 R	d 816	(4220)	1995 07 22.31581	22 24 08.00	+00 08 10.9	18.4 R	816
1995 MX	1995 08 30.07331	17 38 10.27	-01 11 37.0	18.8 R	d 816	(4220)	1995 07 22.31796	22 24 07.92	+00 08 10.6	18.2 R	816
1995 MX	1995 08 30.08183	17 38 10.61	-01 11 42.2	18.9 R	d 816						
1995 QE <sub>2</sub>	1995 09 16.24979	21 44 52.90	+21 35 38.7	17.1 R	816						
1995 QE <sub>2</sub>	1995 09 16.25227	21 44 52.85	+21 35 37.1	17.1 R	816						
1995 QE <sub>2</sub>	1995 09 16.26372	21 44 52.53	+21 35 28.6	16.9 R	816						
1995 QW <sub>3</sub>	1995 09 16.12543	21 01 48.61	+23 42 04.4	17.8 R	816						
1995 QW <sub>3</sub>	1995 09 16.12756	21 01 48.57	+23 42 02.9	17.5 R	816						
1995 QW <sub>3</sub>	1995 09 16.13001	21 01 48.53	+23 42 01.0	17.5 R	816						
1995 QW <sub>3</sub>	1995 09 16.14786	21 01 48.25	+23 41 47.9	17.3 R	816	(225)	1995 08 08.18749	00 00 29.55	+15 51 58.8	13.2 V	818
1995 QW <sub>3</sub>	1995 09 25.22368	21 01 17.96	+21 45 13.7	17.5 R	816	(225)	1995 08 08.19172	00 00 29.55	+15 51 58.0	13.2 V	818
1995 QW <sub>3</sub>	1995 09 25.22631	21 01 17.98	+21 45 11.7	17.4 R	816	(225)	1995 08 08.19373	00 00 29.52	+15 51 57.7	13.2 V	818
1995 QW <sub>3</sub>	1995 09 25.23149	21 01 18.03	+21 45 07.4	17.8 R	816	(225)	1995 08 09.18023	00 00 25.86	+15 48 59.4	13.1 V	818
1995 RA	1995 09 16.28057	21 24 54.64	+18 01 00.5	15.3 R	816	(225)	1995 08 09.18307	00 00 25.85	+15 48 59.1	13.2 V	818
1995 RA	1995 09 16.28299	21 24 54.50	+18 01 01.1	15.3 R	816	(225)	1995 08 09.18613	00 00 25.81	+15 48 58.5	13.2 V	818
1995 RA	1995 09 16.28506	21 24 54.38	+18 01 01.6	15.3 R	816	(225)	1995 08 09.16811	23 58 37.29	+15 04 43.8	13.0 V	818
1995 RA	1995 09 16.30501	21 24 53.23	+18 01 05.8	15.2 R	816	(225)	1995 08 19.17079	23 58 37.24	+15 04 43.1	13.0 V	818
1995 RA	1995 09 16.30689	21 24 53.12	+18 01 06.2	15.4 R	816	(225)	1995 08 19.17347	23 58 37.20	+15 04 42.2	13.1 V	818
1995 RA	1995 09 25.24521	21 18 15.54	+18 23 18.4	15.5 R	816	(225)	1995 09 05.12601	23 51 15.84	+12 50 20.4	12.5 V	818
1995 RA	1995 09 25.25557	21 18 15.19	+18 23 19.2	15.4 R	816	(225)	1995 09 05.13192	23 51 15.64	+12 50 17.1	12.6 V	818
1995 RA	1995 09 25.25743	21 18 15.13	+18 23 19.4	15.4 R	816	(225)	1995 09 05.13713	23 51 15.45	+12 50 14.1	12.7 V	818
1995 SC	1995 09 24.07585	23 12 51.35	+47 49 24.8	17.5 R	816	(433)	1995 08 19.18980	00 28 08.55	+19 31 56.0	11.8 V	818
1995 SC	1995 09 24.07771	23 12 51.14	+47 49 26.5	17.5 R	816	(433)	1995 08 19.19174	00 28 08.52	+19 31 57.7	11.8 V	818
1995 SC	1995 09 24.08273	23 12 50.48	+47 49 31.7	17.7 R	816	(433)	1995 08 19.19367	00 28 08.45	+19 31 59.9	11.7 V	818
1995 SC	1995 09 24.08448	23 12 50.26	+47 49 33.5	17.4 R	816	(433)	1995 09 10.12528	00 08 29.49	+24 20 35.0	11.2 V	818
1995 SC	1995 09 25.15284	23 10 41.28	+48 07 02.0	17.5 R	816	(433)	1995 09 10.12778	00 08 29.25	+24 20 36.5	11.2 V	818
1995 SC	1995 09 25.15569	23 10 40.94	+48 07 04.8	17.6 R	816	(433)	1995 09 10.13844	00 08 28.28	+24 20 42.7	11.2 V	818
1995 SC	1995 09 25.16248	23 10 40.07	+48 07 11.3	17.7 R	816	(433)	1995 09 16.07292	23 58 54.44	+25 09 41.0	11.0 V	818
1995 SC	1995 09 25.16398	23 10 39.87	+48 07 12.9	17.6 R	816	(433)	1995 09 16.07536	23 58 54.17	+25 09 42.1	11.0 V	818
1995 SR	1995 09 24.02970	22 30 40.86	+27 28 02.9	17.4 R	816	(433)	1995 09 16.08346	23 58 53.31	+25 09 45.5	11.0 V	818
1995 SR	1995 09 24.03687	22 30 40.70	+27 27 53.5	17.5 R	816	(575)	1995 09 16.12881	01 34 12.70	+20 47 59.1	14.6 V	818
1995 SR	1995 09 24.04049	22 30 40.63	+27 27 48.7	17.5 R	816	(575)	1995 09 16.13125	01 34 12.53	+20 48 01.2	14.7 V	818
1995 SS	1995 09 24.21212	00 18 42.34	+35 56 29.3	17.5 R	816	(575)	1995 09 16.13247	01 34 12.44	+20 48 01.1	14.6 V	818
1995 SS	1995 09 24.21538	00 18 42.13	+35 56 25.8	17.6 R	816	(575)	1995 09 24.10684	01 27 29.12	+21 28 52.7	13.9 V	818
1995 SS	1995 09 24.22078	00 18 41.80	+35 56 20.1	17.6 R	816	(575)	1995 09 24.10928	01 27 28.98	+21 28 53.5	14.1 V	818
1995 SS	1995 09 24.22279	00 18 41.70	+35 56 18.2	17.5 R	816	(575)	1995 09 24.11741	01 27 28.51	+21 28 55.3	13.9 V	818
1175 T-1	1995 09 24.15164	23 07 10.48	-02 29 50.7	17.6 R	816	(1158)	1995 09 16.14656	01 22 08.96	+21 03 25.3	13.9 V	818
1175 T-1	1995 09 24.15619	23 07 10.25	-02 29 53.2	17.6 R	816	(1158)	1995 09 16.14900	01 22 08.87	+21 03 26.3	13.9 V	818
1175 T-1	1995 09 24.16209	23 07 09.99	-02 29 56.2	17.9 R	816	(1158)	1995 09 16.15671	01 22 08.50	+21 03 28.9	13.8 V	818
1175 T-1	1995 09 30.09012	23 03 06.85	-03 20 30.0	17.8 R	816	(1158)	1995 09 16.15794	01 22 08.45	+21 03 29.6	13.8 V	818
1175 T-1	1995 09 30.09254	23 03 06.76	-03 20 31.2	17.6 R	816	(1158)	1995 09 24.09052	01 15 27.83	+21 47 54.5	13.7 V	818
1175 T-1	1995 09 30.09517	23 03 06.64	-03 20 32.4	17.5 R	816	(1158)	1995 09 24.09296	01 15 27.64	+21 47 55.3	13.5 V	818
(3040)	1995 07 22.30741	22 24 21.20	+00 12 28.6	16.6 R	816	(1158)	1995 09 24.09541	01 15 27.50	+21 47 55.9	13.6 V	818

**818 Gemeaux Observatory**

P. Ouimet, 1410 Falaise, Laval, PQ H7G 4G9, Canada [ouipi@login.net]

0.20-m  $f/10$  reflector + CCD

GSC



**819 Val-des-Bois**

D. Bergeron, 117 Ch. Guenette, C.P. 130, Val-des-Bois, Quebec JOX 3C0, Canada  
[bergeron@achilles.net]

0.25-m  $f/10$  Schmidt-Cassegrain + CCD  
GSC

1995 SB <sub>5</sub>	* 1995 09 29.06551	21 58 39.34	-17 50 24.9	18.3 R	819
1995 SB <sub>5</sub>	1995 09 29.07191	21 58 39.18	-17 50 27.0	18.2 R	819
1995 SB <sub>5</sub>	1995 09 29.07655	21 58 39.07	-17 50 26.4	18.3 R	819
1995 SB <sub>5</sub>	1995 09 30.10002	21 58 17.30	-17 50 08.5	18.4 R	819
1995 SB <sub>5</sub>	1995 09 30.10932	21 58 17.19	-17 50 06.6	18.4 R	819
1995 SB <sub>5</sub>	1995 09 30.11862	21 58 16.77	-17 50 09.7	18.9 R	819
1995 SB <sub>5</sub>	1995 09 30.13639	21 58 16.38	-17 50 08.0	18.2 R	819
1995 SB <sub>5</sub>	1995 09 30.14568	21 58 16.11	-17 50 08.4	18.3 R	819
1995 SB <sub>5</sub>	1995 09 30.15034	21 58 16.06	-17 50 09.6	18.4 R	819

**834 Buenos Aires-AAAA**

G. D. Rodriguez, Seccion Sistema Solar, Asociacion Argentina Amigos de la  
Astronomia, Av. Patricias Argentinas 550, AR-1405 Buenos Aires, Argentina  
[gustavor@aaaa.org.ar]

Observers G. D. Rodriguez, J. R. Carozza

Measurer G. D. Rodriguez

0.3-m  $f/6.0$  reflector + CCD

(11)	1995 02 08.04051	08 47 20.73	+18 49 23.0		834
(11)	1995 02 10.01086	08 45 27.71	+18 59 49.1		834
(11)	1995 03 03.07806	08 29 17.34	+20 27 40.1		834
(654)	1995 03 03.05659	06 24 45.59	+09 06 49.7		834
(1620)	1994 08 26.13602	21 22 54.34	-60 43 12.0		834
(1620)	1994 08 26.17959	21 22 52.66	-60 11 58.4		834
(1620)	1994 08 27.05892	21 24 38.59	-50 09 30.2		834
(1620)	1994 08 27.06865	21 24 38.21	-50 03 13.6		834

**894 Otomo**

S. Otomo, Kiyosato 3545-3902, Takane, Kitakoma-Gun, Yamanashi-Ken 407-03,  
Japan

0.25-m  $f/3.4$  reflector

PPM

1981 QA <sub>1</sub>	1994 02 02.58854	09 02 47.59	+07 08 59.0	17.0	894
1981 QA <sub>1</sub>	1994 02 02.60312	09 02 46.91	+07 09 05.5		894
1992 EQ <sub>15</sub>	1994 09 11.72610	23 50 05.41	-00 40 17.7	16.5	894
1992 EQ <sub>15</sub>	1994 09 11.73924	23 50 04.83	-00 40 23.0		894

**897 YGCO Chiyoda Station**

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

0.25-m  $f/6.0$  reflector + CCD

GSC

1995 QY <sub>2</sub>	1995 09 21.47119	21 19 14.50	-22 42 46.0	16.2 V	897
1995 QY <sub>2</sub>	1995 09 21.47639	21 19 14.36	-22 42 51.2		897

**905 Nachi-Katsuura Observatory**

T. Urata, Shiinoki House 203, 28-6, Chuo 3 Chome, Nakano-Ku, Tokyo 164, Japan

Observer Y. Shimizu

Measurer T. Urata

0.30-m  $f/3.8$  hyperboloid astrocamera

GSC

1993 JG	1993 05 25.51580	14 19 58.31	-11 04 16.0	17	905
1993 JG	1993 05 25.52373	14 19 57.74	-11 04 16.6		905
1995 PV	1995 09 18.50405	21 26 37.07	-16 46 11.2	16.5	905
1995 PV	1995 09 18.51105	21 26 36.92	-16 46 09.2		905
1995 QR	1995 09 17.51030	21 26 29.13	-19 40 49.6	17	905
1995 QR	1995 09 17.51869	21 26 28.99	-19 40 49.7		905
1995 QR	1995 09 17.52708	21 26 28.85	-19 40 48.5		905
1995 QG <sub>2</sub>	1995 09 17.54612	22 13 19.30	-23 53 24.7	17	905
1995 QG <sub>2</sub>	1995 09 17.55451	22 13 18.94	-23 53 24.8		905
1995 QH <sub>2</sub>	1995 09 17.54612	22 15 11.97	-23 39 30.1	17	905
1995 QH <sub>2</sub>	1995 09 17.55451	22 15 11.68	-23 39 29.9		905
1995 QK <sub>2</sub>	1995 09 17.57245	22 31 15.14	-10 00 55.6	17.5	905
1995 QK <sub>2</sub>	1995 09 17.58084	22 31 14.61	-10 00 52.5		905
1995 QK <sub>2</sub>	1995 09 24.59560	22 25 32.78	-09 21 49.1	17.5	905
1995 QK <sub>2</sub>	1995 09 24.61163	22 25 31.89	-09 21 41.8		905
1995 QM <sub>2</sub>	1995 09 18.53183	22 48 50.09	-14 12 49.0	16.5	905
1995 QM <sub>2</sub>	1995 09 18.54022	22 48 49.71	-14 12 51.7		905
1995 QM <sub>2</sub>	1995 09 18.54861	22 48 49.34	-14 12 53.9		905
1995 SJ <sub>2</sub>	* 1995 09 17.56406	22 27 58.27	-09 48 06.1	17.5	905
1995 SJ <sub>2</sub>	1995 09 17.58084	22 27 57.48	-09 48 09.4		905
1995 SJ <sub>2</sub>	1995 09 24.59560	22 23 22.26	-10 11 38.5	17	905
1995 SJ <sub>2</sub>	1995 09 24.61163	22 23 21.82	-10 11 44.0		905
1995 SK <sub>2</sub>	* 1995 09 17.56406	22 29 08.02	-10 03 51.1	17.5	905
1995 SK <sub>2</sub>	1995 09 17.57245	22 29 07.57	-10 03 50.3		905
1995 SK <sub>2</sub>	1995 09 17.58084	22 29 07.36	-10 03 51.0		905
1995 SK <sub>2</sub>	1995 09 24.59560	22 24 49.86	-10 09 00.6	17.5	905
1995 SK <sub>2</sub>	1995 09 24.61163	22 24 49.43	-10 09 01.7		905
1995 SL <sub>2</sub>	* 1995 09 17.56406	22 29 48.44	-10 03 00.9	16.5	905
1995 SL <sub>2</sub>	1995 09 17.57245	22 29 48.11	-10 03 05.9		905
1995 SL <sub>2</sub>	1995 09 17.58084	22 29 47.75	-10 03 12.0		905
1995 SL <sub>2</sub>	1995 09 24.59560	22 25 49.55	-11 15 35.7	17	905
1995 SL <sub>2</sub>	1995 09 24.61163	22 25 49.04	-11 15 45.1		905
1995 SM <sub>2</sub>	* 1995 09 17.56406	22 30 28.02	-09 52 29.4	17	905
1995 SM <sub>2</sub>	1995 09 17.57245	22 30 27.71	-09 52 33.7		905
1995 SM <sub>2</sub>	1995 09 17.58084	22 30 27.43	-09 52 38.8		905
1995 SM <sub>2</sub>	1995 09 24.59560	22 26 49.21	-10 56 28.5	16.5	905
1995 SM <sub>2</sub>	1995 09 24.60365	22 26 49.01	-10 56 32.7		905
1995 SN <sub>2</sub>	* 1995 09 17.56406	22 30 51.48	-09 57 32.0	17.5	905
1995 SN <sub>2</sub>	1995 09 17.57245	22 30 51.12	-09 57 32.4		905
1995 SN <sub>2</sub>	1995 09 24.59560	22 25 58.61	-10 08 28.8	17.5	905
1995 SN <sub>2</sub>	1995 09 24.61163	22 25 57.96	-10 08 30.2		905

**966 Church Stretton**

S. P. Laurie, Toleman, 10 Hazler Orchard, Church Stetton, Shropshire SY6 7AL,  
England [100336.3635@compuserve.com]

0.25-m Schmidt Cassegrain + focal reducer + CCD

GSC

1995 QF <sub>4</sub>	1995 09 22.95624	00 44 28.09	+10 05 23.6	16.9 V	966
1995 QF <sub>4</sub>	1995 09 22.99727	00 44 25.68	+10 05 18.8		966
1995 QF <sub>4</sub>	1995 09 23.02913	00 44 23.93	+10 05 10.9		966
1995 QF <sub>4</sub>	1995 09 24.96444	00 42 39.80	+09 59 49.9	16.7 V	966
1995 QF <sub>4</sub>	1995 09 25.01850	00 42 36.71	+09 59 40.3		966
1995 QF <sub>4</sub>	1995 09 25.03541	00 42 35.70	+09 59 37.4		966

1995 ST	* 1995 09 19.98025	00 34 43.65	+09 41 07.8	17.1 V	966
1995 ST	1995 09 20.00992	00 34 41.87	+09 41 03.6		966
1995 ST	1995 09 20.03181	00 34 40.49	+09 41 00.4		966
1995 ST	1995 09 20.95035	00 33 45.19	+09 38 46.2	17.2 V	966
1995 ST	1995 09 20.99589	00 33 42.33	+09 38 39.5		966
1995 SU	* 1995 09 19.99024	00 35 44.23	+10 38 00.9	17.1 V	966
1995 SU	1995 09 20.01991	00 35 42.57	+10 37 54.6		966
1995 SU	1995 09 20.95738	00 34 49.31	+10 34 30.8	17.1 V	966
1995 SU	1995 09 21.00123	00 34 46.78	+10 34 20.7		966
1995 SE <sub>1</sub>	* 1995 09 20.90720	21 52 52.16	-06 39 14.4	17.6 V	966
1995 SE <sub>1</sub>	1995 09 20.93314	21 52 51.36	-06 39 22.7		966
1995 SE <sub>1</sub>	1995 09 20.99080	21 52 49.25	-06 39 43.4		966
1995 SE <sub>1</sub>	1995 09 22.88492	21 51 52.38	-06 50 29.9	17.8 V	966
1995 SE <sub>1</sub>	1995 09 22.90860	21 51 51.60	-06 50 37.0		966
1995 SE <sub>1</sub>	1995 09 22.93404	21 51 50.73	-06 50 46.0		966
1995 SF <sub>1</sub>	* 1995 09 20.98544	00 19 19.64	+19 16 29.7	17.4 V	966
1995 SF <sub>1</sub>	1995 09 21.02762	00 19 17.90	+19 16 08.1		966
1995 SF <sub>1</sub>	1995 09 22.94003	00 18 03.07	+19 00 32.5	17.3 V	966
1995 SF <sub>1</sub>	1995 09 22.97266	00 18 01.67	+19 00 14.6		966
1995 SC <sub>4</sub>	* 1995 09 24.96444	00 41 49.01	+09 54 35.3	16.9 V	966
1995 SC <sub>4</sub>	1995 09 25.01850	00 41 46.59	+09 54 19.9		966
1995 SC <sub>4</sub>	1995 09 25.03541	00 41 45.77	+09 54 15.9		966
1995 SC <sub>4</sub>	1995 09 27.98553	00 39 36.89	+09 38 26.4	17.3 V	966
1995 SC <sub>4</sub>	1995 09 28.01613	00 39 35.47	+09 38 17.0		966
1995 SC <sub>4</sub>	1995 09 28.05530	00 39 33.57	+09 38 02.9		966
1995 SC <sub>4</sub>	1995 09 29.93571	00 38 10.47	+09 27 38.1	17.8 V	966
1995 SC <sub>4</sub>	1995 09 29.95417	00 38 09.65	+09 27 32.7		966
1995 SC <sub>4</sub>	1995 09 29.97301	00 38 08.78	+09 27 26.8		966
1995 SD <sub>4</sub>	* 1995 09 27.98553	00 39 51.89	+09 46 30.6	16.2 V	966
1995 SD <sub>4</sub>	1995 09 28.01613	00 39 50.54	+09 46 15.1		966
1995 SD <sub>4</sub>	1995 09 28.05530	00 39 48.88	+09 45 54.5		966
1995 SD <sub>4</sub>	1995 09 29.93571	00 38 34.52	+09 29 27.1	16.3 V	966
1995 SD <sub>4</sub>	1995 09 29.95417	00 38 33.71	+09 29 18.9		966
1995 SD <sub>4</sub>	1995 09 29.97301	00 38 32.92	+09 29 08.2		966
1995 SE <sub>4</sub>	* 1995 09 28.86727	23 44 53.58	+23 53 44.7	16.2 V	966
1995 SE <sub>4</sub>	1995 09 28.90218	23 44 51.74	+23 53 31.7		966
1995 SE <sub>4</sub>	1995 09 28.94172	23 44 49.66	+23 53 17.4		966
1995 SE <sub>4</sub>	1995 09 29.06524	23 44 43.17	+23 52 30.8		966
1995 SE <sub>4</sub>	1995 09 29.92927	23 43 59.81	+23 47 01.7	16.5 V	966
1995 SE <sub>4</sub>	1995 09 29.94203	23 43 59.14	+23 46 56.8		966
1995 SE <sub>4</sub>	1995 09 29.96015	23 43 58.13	+23 46 49.6		966
1995 SF <sub>4</sub>	* 1995 09 28.86727	23 45 09.95	+23 59 49.6	16.6 V	966
1995 SF <sub>4</sub>	1995 09 28.90218	23 45 07.91	+23 59 42.9		966
1995 SF <sub>4</sub>	1995 09 28.94172	23 45 05.61	+23 59 36.4		966
1995 SF <sub>4</sub>	1995 09 29.06524	23 44 58.36	+23 59 12.3		966
1995 SF <sub>4</sub>	1995 09 29.92927	23 44 09.57	+23 56 19.3	16.6 V	966
1995 SF <sub>4</sub>	1995 09 29.94203	23 44 08.85	+23 56 16.4		966
1995 SF <sub>4</sub>	1995 09 29.96015	23 44 07.89	+23 56 13.4		966

**970 Chelmsford**

N. D. James, 11 Tavistock Road, Chelmsford, Essex CM1 6JL, England  
[ndj@astro1.demon.co.uk]

0.30-m *f*/5.25 reflector + CCD

GSC

(862)	1995 09 23.80678	00 56 42.48	+28 39 35.7	970
(862)	1995 09 23.81280	00 56 42.19	+28 39 36.0	970
(862)	1995 09 23.82027	00 56 41.81	+28 39 36.3	970
(862)	1995 09 23.83080	00 56 41.27	+28 39 36.7	970
(862)	1995 09 23.83363	00 56 41.14	+28 39 36.8	970
(862)	1995 09 27.80475	00 53 15.68	+28 39 39.6	970
(862)	1995 09 27.81479	00 53 15.14	+28 39 39.4	970
(862)	1995 09 27.82995	00 53 14.33	+28 39 39.1	970

**ORBITAL ELEMENTS**

Orbital elements have been computed by the following contributors:

E. Goffin, Agfa-Gevaert N.V., Mortsel, Belgium [e\_goffin@roam.agfa.be]

D. W. E. Green, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [dgreen@cfa.harvard.edu] (G)

T. Kobayashi, 1717-2 Shimo-Koizumi, Oizumi-machi, Ora-gun, Gunma-ken, 370-05 Japan [kobataka@furusato.infopd.sanyo.co.jp]

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

S. Nakano, 3-19, 1 chome, Takenokuchi, Sumoto, Hyogo-ken 656, Japan [snakano@cfa.harvard.edu] (N)

T. Urata, Shiinoki House 203, 28-6, Chuo 3 Chome, Nakano-Ku, Tokyo 164, Japan

G. V. Williams, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A. [gwilliams@cfa.harvard.edu] (W)

**C/1995 O1 (Hale-Bopp)**

Epoch 1997 Mar. 13.0 TT = JDT 2450520.5

*T* 1997 Apr. 1.09654 TT

Nakano

<i>q</i>	0.9139252	(2000.0)	<b>P</b>	<b>Q</b>
<i>z</i>	+0.0054180	$\omega$ 130.59714	-0.13305793	-0.17038811
	$\pm 0.0000285$	$\Omega$ 282.47197	+0.28244874	+0.93774257
<i>e</i>	0.9950484	<i>i</i> 89.42220	+0.95000963	-0.30266609

From 656 observations 1993 Apr. 27–1995 Sept. 29, mean residual 0".74.

**C/1995 Q1 (Bradfield)**

Epoch 1995 Aug. 31.0 TT = JDT 2449960.5

*T* 1995 Aug. 31.41866 TT

Marsden

<i>q</i>	0.4364025	(2000.0)	<b>P</b>	<b>Q</b>
<i>z</i>	+0.0044783	$\omega$ 331.16272	-0.88930100	-0.45695519
	$\pm 0.0001046$	$\Omega$ 178.05155	-0.24184799	+0.50391846
<i>e</i>	0.9980457	<i>i</i> 147.39314	-0.38814080	+0.73297895

From 29 observations 1995 Aug. 18–Oct. 2, mean residual 0".90.

**C/1995 Q2 (Hartley-Drinkwater)**

*T* 1995 Aug. 3.20923 TT

Marsden

<i>q</i>	1.8927954	(2000.0)	<b>P</b>	<b>Q</b>
		$\omega$ 314.04497	+0.95918517	-0.21929690
		$\Omega$ 300.61175	-0.16113588	-0.94268160
<i>e</i>	1.0	<i>i</i> 168.02773	-0.23237693	-0.25151596

From 93 observations 1995 Aug. 30–Sept.24.



1995 SC <sub>4</sub>	12.5	950920	148.68	344.31	230.99	5.24	0.0899	2.9881	5	9	W
1995 SZ <sub>4</sub>	14.5	950920	337.92	146.17	204.52	2.69	0.0338	2.4074	4	0	E W
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Goffin											
(25) Phocaea			Obs.	1300		M	52.90740	$\omega$	90.30861		
H	7.83	G	0.15	U	0	Opp.	68	n	0.26502224	$\Omega$	214.34219
rms res.	0".77	(M-v)				e	0.2555161	i	21.57206		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Goffin											
(124) Alkeste			Obs.	418		M	26.91131	$\omega$	61.91795		
H	8.11	G	0.19	U	0	Opp.	70	n	0.23107148	$\Omega$	188.42024
rms res.	1".02	(M-v)				e	0.0793985	i	2.94822		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Goffin											
(201) Penelope			Obs.	250		M	170.26878	$\omega$	180.87784		
H	8.43	G	0.24	U	0	Opp.	49	n	0.22502396	$\Omega$	157.20614
rms res.	0".91	(M-v)				e	0.1823576	i	5.76138		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Goffin											
(398) Admete			Obs.	67		M	101.86144	$\omega$	158.78855		
H	10.3	G	0.15	U	1	Opp.	23	n	0.21779365	$\Omega$	280.35915
rms res.	1".00	(M-v)				e	0.2259412	i	9.54675		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Goffin											
(628) Christine			Obs.	172		M	323.82666	$\omega$	203.01510		
H	9.25	G	0.15	U	0	Opp.	34	n	0.23750785	$\Omega$	112.24221
rms res.	0".85	(M-v)				e	0.0441284	i	11.52108		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(862) Franzia			Obs.	71		M	324.74229	$\omega$	120.39768		
H	10.6	G	0.15	U	1	Opp.	15	n	0.20997553	$\Omega$	300.35437
rms res.	0".77	(M-v)				e	0.0822972	i	13.88294		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Goffin											
(914) Palisana			Obs.	138		M	288.70557	$\omega$	48.20256		
H	8.76	G	0.15	U	1	Opp.	28	n	0.25588476	$\Omega$	255.99182
rms res.	0".88	(M-v)				e	0.2124611	i	25.25752		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(1937) Locarno			Obs.	37		M	105.70240	$\omega$	225.78353		
H	11.9	G	0.15	U	2	Opp.	10	n	0.26884702	$\Omega$	79.26339
rms res.	0".98	(M-v)				e	0.1568597	i	12.47442		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(2118) Flagstaff			Obs.	38		M	348.22448	$\omega$	101.05049		
H	12.0	G	0.15	U	1	Opp.	10	n	0.24239818	$\Omega$	331.75107
rms res.	1".02	(M-v)				e	0.2181841	i	6.32079		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(2229) Mezzarco			Obs.	24		M	58.41567	$\omega$	31.35072		
H	13.1	G	0.15	U	2	Opp.	5	n	0.22268620	$\Omega$	272.42091
rms res.	0".72	(M-v)				e	0.2620905	i	12.71857		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(2231) Durrell			Obs.	30		M	358.49620	$\omega$	24.13948		
H	12.4	G	0.15	U	2	Opp.	7	n	0.21855155	$\Omega$	342.62883
rms res.	1".08	(M-v)				e	0.2488989	i	8.23350		

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(2621) Goto			Obs.	53		M	35.15994	$\omega$	274.19758		
H	10.7	G	0.15	U	1	Opp.	7	n	0.18159170	$\Omega$	95.96586
rms res.	1".07	(M-v)				e	0.1684320	i	13.02784		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(2735) Ellen			Obs.	27		M	8.31568	$\omega$	59.53342		
H	14.32	G	0.15	U	2	Opp.	7	n	0.38947564	$\Omega$	344.71043
rms res.	0".94	(M-v)				e	0.0549981	i	23.05486		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(2871) Schober			Obs.	32		M	38.44674	$\omega$	335.11670		
H	12.9	G	0.15	U	2	Opp.	7	n	0.29042142	$\Omega$	28.55689
rms res.	0".98	(M-v)				e	0.1389060	i	5.77434		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(2943) Heinrich			Obs.	22		M	56.24226	$\omega$	43.97366		
H	12.8	G	0.15	U	2	Opp.	8	n	0.25729689	$\Omega$	314.16484
rms res.	0".68	(M-v)				e	0.1537006	i	12.95681		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(3216) Harrington			Obs.	15		M	28.35369	$\omega$	223.88756		
H	14.0	G	0.15	U	2	Opp.	6	n	0.26589991	$\Omega$	108.23781
rms res.	0".82	(M-v)				e	0.3049100	i	4.92347		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(3315) Chant			Obs.	23		M	219.63580	$\omega$	55.86642		
H	12.4	G	0.15	U	2	Opp.	6	n	0.22972392	$\Omega$	147.14651
rms res.	0".82	(M-v)				e	0.0872829	i	10.04214		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Nakano											
(3806) 1981 EW <sub>32</sub>			Obs.	27		M	337.80041	$\omega$	187.91179		
H	14.7	G	0.15	U	3	Opp.	6	n	0.24322313	$\Omega$	199.64869
rms res.	0".79	(M-v)				e	0.3122013	i	10.04055		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(4359) Berlage			Obs.	28		M	6.09829	$\omega$	185.37186		
H	13.5	G	0.15	U	2	Opp.	8	n	0.31188589	$\Omega$	173.54514
rms res.	0".90	(M-v)				e	0.1652126	i	1.14090		
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
(4595) 1981 EZ <sub>2</sub>			Obs.	35		M	197.00439	$\omega$	344.72630		
H	13.0	G	0.15	U	2	Opp.	5	n	0.24424809	$\Omega$	219.40806
rms res.	0".85	(M-v)				e	0.1022953	i	8.62773		
(6572)* 1938 SX = 1942 TG = 1950 RA <sub>1</sub> = 1954 QB = 1977 DF <sub>9</sub> = 1990 KO <sub>2</sub> = 1994 JK											
Discovered 1938 Sept. 22 by Y. Väisälä at Turku.											
Id. K. Ichikawa (MPC 23667)											
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams											
M	51.69509	(2000.0)	P		Q						
n	0.24291022	$\omega$	190.59961	+0.88168629	+0.47097931						
a	2.5439321	$\Omega$	141.26127	-0.42951008	+0.82607243						
e	0.2667962	i	2.60316	-0.19532121	+0.30948800						
P	4.06	H	12.2	G	0.15	U	1				

Residuals in seconds of arc

380922	062	1.0+	1.1-	900523	095	0.3+	0.2-	940507	400	0.2+	1.6-	
380924	062	0.3-	1.0+	911006	033	0.4-	0.2+	940514	400	1.5+	1.3+	
380926	062	(3.5-	0.7-)	911006	033	0.2-	0.1-	940514	400	(2.3+	0.6-)	
421004	024	(88.1+	16.5-)	X	911008	033	0.3+	0.3-	950825	801	0.1-	0.2-
500911	711	2.1-	0.2+	Y	911009	033	0.2-	0.1+	950825	801	0.1+	0.2+
500911	711	1.7+	0.7-	Y	911010	033	0.8-	0.0	950830	801	0.3+	0.5-
540831	760	(17.2-	10.4-)		940415	691	1.2-	0.1+	950830	801	0.3+	0.3-
770219	381	0.6-	0.1+		940415	691	1.3-	0.0	950928	801	0.2+	0.1-
770219	381	0.1+	0.6-		940415	691	1.3-	0.3-	950928	801	0.6-	0.3-
900517	095	(4.6-	1.3+)		940506	400	1.0+	1.9-	950929	801	0.4+	0.3-
900517	095	(4.5-	0.9-)		940506	400	(4.4-	0.1-)	950929	801	1.1+	1.1-
900523	095	(2.1-	2.3+)		940507	400	0.2+	0.2+				

**(6573)\* 1974 SK<sub>1</sub> = 1962 WP<sub>1</sub> = 1978 PY<sub>1</sub> = 1985 HP<sub>1</sub> = 1991 VL<sub>2</sub>**

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

Observatory.

Id. T. Kobayashi (*MPC* 19494)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	14.01638	(2000.0)					
	<b>P</b>	<b>Q</b>					
<i>n</i>	0.23727412	$\omega$	201.99630	+0.97677429	-0.21417489		
<i>a</i>	2.5840592	$\Omega$	170.36415	+0.20185449	+0.90972498		
<i>e</i>	0.1234341	<i>i</i>	2.19486	+0.07188007	+0.35570995		
<i>P</i>	4.15	<i>H</i>	13.3	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

520524	675	1.2-	0.4+	780808	095	2.0-	0.6-	911203	675	0.8-	0.6-
520524	675	1.8+	0.9-	850417	801	0.7+	1.6-	950825	801	0.6+	0.3+
560508	675	1.3-	0.4+	911109	399	(4.6-	1.0-)	950825	801	0.1+	0.1-
621130	760	0.0	0.3-	911109	399	(2.6-	0.4-)	950828	801	0.1-	0.3-
621130	760	1.0+	0.6-	911111	399	(2.4-	2.1+)	950828	801	0.2+	0.3-
740919	095	0.3+	1.2-	911111	399	(2.4-	0.7+)	950928	801	0.6+	0.4+
740921	095	0.3+	0.0	911201	675	0.9-	0.0	950928	801	0.5+	0.6+
740923	095	(4.7+	1.1+)	911201	675	0.7-	0.3+	950929	801	0.7+	0.2+
741009	095	0.9+	0.2+	911203	675	1.5-	0.2-	950929	801	0.8+	0.6+

**(6574)\* 1976 QE<sub>1</sub> = 1968 DA<sub>1</sub> = 1982 QW<sub>1</sub>**

Discovered 1976 Aug. 26 by N. S. Chernykh at the Crimean Astrophysical

Observatory.

Id. S. Nakano (*MPC* 11638)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	117.34543	(2000.0)					
	<b>P</b>	<b>Q</b>					
<i>n</i>	0.15742107	$\omega$	242.73850	-0.60415339	+0.79494797		
<i>a</i>	3.3969890	$\Omega$	349.54040	-0.57995409	-0.48621741		
<i>e</i>	0.1934162	<i>i</i>	17.72978	-0.54649056	-0.36283653		
<i>P</i>	6.26	<i>H</i>	11.8	<i>G</i>	0.15	<i>U</i>	1

Residuals in seconds of arc

680228	095	1.3+	0.4+	870403	474	0.6-	0.2-	950921	801	0.1+	0.0
760826	095	(4.2-	2.7-)	870403	474	0.4-	0.8-	950921	801	0.1+	0.0
760924	095	0.8-	0.9+	920305	801	0.9-	0.1+	950924	816	0.6+	0.1+
760928	095	0.1-	2.3+	920305	801	1.0-	0.0	950924	816	0.4+	0.1+
820817	809	2.0-	0.8-	930121	801	0.3-	0.1+	950924	816	0.4+	0.0
820817	809	0.5-	0.1-	930121	801	(0.1-	2.3-)	950924	816	0.6+	0.1+
820819	809	0.5+	0.1-	930124	801	0.0	0.6-	950928	801	0.5+	0.1-

820819	809	0.1-	0.1-	930124	801	0.0	0.2-	950928	801	0.2+	0.0
820819	809	0.0	0.1+	930218	801	0.7+	0.1+	950930	816	0.4+	0.2-
820821	809	1.5-	0.4-	930218	801	0.0	0.1-	950930	816	0.1+	0.0
820821	809	0.4+	0.2-	950825	801	0.1-	0.3+	950930	816	0.0	0.0
820822	809	0.1-	0.6-	950825	801	0.1+	0.7-				
820822	809	0.8+	0.2-	950828	801	0.9+	0.3-				

**(6575)\* 1978 PJ<sub>2</sub> = 1978 RZ<sub>10</sub> = 1982 JY<sub>2</sub>**

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

Observatory.

Id. H. Oishi (*MPC* 11632)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	323.23292	(2000.0)					
	<b>P</b>	<b>Q</b>					
<i>n</i>	0.17803244	$\omega$	230.38905	+0.50151485	-0.86502374		
<i>a</i>	3.1294640	$\Omega$	189.54409	+0.81848513	+0.47990939		
<i>e</i>	0.1522533	<i>i</i>	5.09449	+0.28029438	+0.14635883		
<i>P</i>	5.54	<i>H</i>	12.2	<i>G</i>	0.15	<i>U</i>	1

Residuals in seconds of arc

780808	095	2.0-	1.7+	901121	809	1.4-	0.4-	920303	809	0.7+	0.2-
780906	809	1.3+	1.5-	901121	809	1.7-	0.3-	920306	809	(2.4+	0.7-)
780910	809	0.5-	0.0	901121	809	1.7-	0.1-	920407	809	0.4+	0.4+
780910	809	0.4+	2.0-	901122	809	1.3+	0.5-	950826	801	0.0	0.3-
780910	809	1.5+	1.8+	901122	809	0.8+	0.4+	950826	801	0.0	0.4-
780910	809	1.1+	0.0	901122	809	0.5+	0.2-	950828	801	0.0	0.0
820515	675	0.2+	0.7+	920210	372	0.1-	0.8-	950828	801	0.4+	0.3-
820516	675	1.7-	1.1-	920210	372	(1.1-	2.2-)	950928	801	0.8+	0.2-
820516	675	1.3-	0.3-	920212	372	0.3+	0.1-	950928	801	0.5-	0.3+
820517	675	0.2-	0.1-	920212	372	0.2+	0.0	950929	801	0.2-	0.5+
820518	675	0.1-	0.3+	920301	809	1.3+	0.3-	950929	801	0.1-	0.6+

**(6576)\* 1978 RK<sub>1</sub> = 1977 LQ = 1980 BX<sub>3</sub>**

Discovered 1978 Sept. 5 by N. S. Chernykh at the Crimean Astrophysical

Observatory.

Id. E. Bowell (*MPC* 11050), B. G. Marsden (*ibid.*)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Marsden					
<i>M</i>	25.07218	(2000.0)					
	<b>P</b>	<b>Q</b>					
<i>n</i>	0.17845884	$\omega$	268.73530	+0.99793004	-0.04514235		
<i>a</i>	3.1244770	$\Omega$	93.85072	+0.05958671	+0.91694930		
<i>e</i>	0.1714546	<i>i</i>	2.63111	-0.02418788	+0.39644185		
<i>P</i>	5.52	<i>H</i>	12.2	<i>G</i>	0.15	<i>U</i>	1

Residuals in seconds of arc

511201	675	0.2+	0.7+	890921	809	(10.7-	5.0-)	920308	809	0.4-	1.4+
511201	675	0.4-	0.7+	890921	809	(10.3-	4.8-)	920309	809	0.1-	1.4+
770612	675	0.6+	0.0	890923	809	0.7-	0.8-	920406	809	0.8-	1.4+
770613	675	0.6+	0.1-	890923	809	0.6-	0.8-	940704	675	0.0	0.7+
780905	095	0.2+	0.4+	890923	809	0.5-	0.7-	940704	675	0.5-	0.1+
780907	095	1.1+	0.9+	890924	809	0.3-	0.2+	940707	675	0.8+	0.3+
780928	095	0.7-	0.5-	890924	809	0.1-	0.1+	940707	675	0.3+	1.5+
781004	095	0.8-	0.6-	890924	809	0.0	0.2-	950824	801	1.2-	0.8-
800122	095	0.5+	1.1-	890926	809	0.5+	0.9+	950830	801	0.9+	0.3-
880608	675	0.6+	0.6+	890926	809	0.1+	0.9+	950830	801	0.8+	0.2-
880608	675	0.1+	1.1-	890926	809	0.3+	1.0+	950928	801	0.4+	0.8+
890909	095	0.2-	1.7-	891005	095	2.5-	0.2+	950928	801	0.4+	1.0+

890909 095 0.4+ 1.7- 891005 095 0.4- 1.7+ 950929 801 1.6+ 0.7+  
 890921 809(10.9- 5.1-) 920306 809 1.0- 0.7+ 950929 801 0.6+ 0.7+

**(6577)\* 1978 VB<sub>6</sub> = 1984 LG = 1991 LJ**

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

Id. B. G. Marsden (*MPC* 18619), E. Bowell (*ibid.*)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Marsden					
<i>M</i>	58.24479	(2000.0)		<b>P</b>	<b>Q</b>		
<i>n</i>	0.27745509	$\omega$	24.86161	-0.02679091	+0.93060771		
<i>a</i>	2.3281319	$\Omega$	245.44532	-0.97111046	-0.11084918		
<i>e</i>	0.2016718	<i>i</i>	23.66139	-0.23712175	+0.34882911		
<i>P</i>	3.55	<i>H</i>	13.7	<i>G</i>	0.15	<i>U</i> 2	

Residuals in seconds of arc

781105 675 0.4- 1.7- 910614 675 1.7+ 0.9- 950824 608 0.5- 0.4-  
 781106 675 0.5- 1.6- 910614 675 0.2- 1.0- 950825 608 0.3+ 0.0  
 781107 675 1.2+ 1.1+ 910616 675 0.6- 0.7- 950825 608 0.2+ 0.2+  
 781108 675 0.4- 1.3- 910616 675 0.7- 1.8- 950920 608 0.0 0.0  
 781129 675 1.3- 1.3- 950806 596 0.2+ 0.3+ 950920 608 0.1- 0.1-  
 781130 675 (3.7+ 0.9+) 950806 596 0.1+ 0.0 950921 608 0.1- 0.3-  
 840601 688 0.2- 1.3+ 950806 596 0.1+ 0.2- 950921 608 0.1- 0.2-  
 840601 688 0.2+ 1.1- 950824 608 0.3+ 0.4+

**(6578)\* 1980 TQ<sub>14</sub> = 1980 WG = 1976 SK<sub>1</sub> = 1991 PH<sub>13</sub>**

Discovered 1980 Oct. 13 by T. M. Smirnova at the Crimean Astrophysical

Observatory.

Id. S. Nakano (d, *MPC* 10752), E. Bowell (*MPC* 18805), G. V. Williams (*ibid.*),

L. D. Schmadel (*ibid.*)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	0.37366	(2000.0)		<b>P</b>	<b>Q</b>		
<i>n</i>	0.26150556	$\omega$	240.50605	+0.92617131	-0.37508654		
<i>a</i>	2.4218585	$\Omega$	141.48651	+0.36401558	+0.86227562		
<i>e</i>	0.1865689	<i>i</i>	3.58583	+0.09848532	+0.34028053		
<i>P</i>	3.77	<i>H</i>	13.9	<i>G</i>	0.15	<i>U</i> 2	

Residuals in seconds of arc

760924 095 1.9- 0.6+ 910808 675 0.3+ 0.2- 950822 801 0.5+ 0.7+  
 801013 095 1.1+ 1.1+ 910808 675 0.1+ 0.3- 950822 801 0.4+ 0.5+  
 801129 688 1.4+ 1.7- 910907 399 0.9+ 0.3+ 950826 801 0.4+ 0.4+  
 801129 688 0.6+ 2.2- 910907 399 0.1+ 1.2- 950826 801 0.0 0.2+  
 801129 879 0.3+ 1.4+ 910912 675 0.3- 0.6+ 950928 801 1.0- 0.1-  
 801129 879 1.0- 0.0 910912 675 0.7+ 0.2+ 950928 801 0.9- 0.0  
 801129 879 (3.0- 1.6-) 940608 691 0.4- 0.8- 950929 801 0.6- 0.0  
 801204 688 0.3+ 2.1- 940608 691 0.6- 0.9- 950929 801 0.6- 0.1-  
 910805 675 0.9+ 1.1- 940608 691 0.1- 0.9-

**(6579)\* 1981 ES<sub>4</sub> = 1991 PS<sub>10</sub>**

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the

U.K. Schmidt-Caltech Asteroid Survey.

Id. E. Bowell (*MPC* 18806)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	338.77474	(2000.0)		<b>P</b>	<b>Q</b>		
<i>n</i>	0.23337329	$\omega$	36.04104	+0.98633797	-0.07200806		
<i>a</i>	2.6127746	$\Omega$	327.13122	-0.03034426	+0.80459766		
<i>e</i>	0.1798200	<i>i</i>	15.84300	+0.16191552	+0.58943825		
<i>P</i>	4.22	<i>H</i>	13.3	<i>G</i>	0.15	<i>U</i> 2	

Residuals in seconds of arc

530816 675 0.3- 0.0 810307 413 1.6+ 0.5+ 950826 801 0.1- 0.4+  
 530916 675 0.3- 0.6+ 810310 413 1.4+ 1.0+ 950826 801 0.2+ 0.6+  
 530916 675 0.0 0.3- 810312 413 1.6- 0.1+ 950828 801 0.3- 0.4+  
 550325 675 2.1+ 0.6+ 810312 413 2.0+ 0.0 950828 801 0.4- 0.6+  
 550325 675 0.0 0.5- 810409 413 2.2- 0.4+ 950928 801 0.7+ 0.7+  
 810209 413 0.6- 0.2- 810409 413 1.3- 0.2+ 950928 801 0.4+ 0.1+  
 810214 413 0.9+ 1.6- 810430 413 1.5- 0.7- 950929 801 0.3- 0.2+  
 810302 413 (4.2- 0.6-) 810502 413 0.9- 0.6- 950929 801 0.4+ 0.6-  
 810302 413 1.5+ 0.7+ 910807 675 0.2+ 1.2-  
 810307 413 0.8- 1.1+ 910808 675 0.4- 0.6-

**(6580)\* 1981 EW<sub>21</sub>**

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the

U.K. Schmidt-Caltech Asteroid Survey.

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	117.68369	(2000.0)		<b>P</b>	<b>Q</b>		
<i>n</i>	0.23180216	$\omega$	0.80788	-0.75885372	+0.65114741		
<i>a</i>	2.6245674	$\Omega$	219.82902	-0.59762688	-0.70366246		
<i>e</i>	0.1261841	<i>i</i>	1.08860	-0.25881100	-0.28436982		
<i>P</i>	4.25	<i>H</i>	15.0	<i>G</i>	0.15	<i>U</i> 2	

Residuals in seconds of arc

510204 675 0.4+ 0.1+ 810311 413 0.8- 0.5+ 911006 691 0.3- 0.3+  
 510204 675 0.3+ 1.1+ 810311 413 0.6+ 0.2- 911006 691 0.7- 0.0  
 541222 675 0.0 0.2- 810316 413 0.9- 0.4- 950819 816 0.4+ 0.3-  
 541222 675 0.2- 0.2- 810316 413 1.1- 0.3+ 950819 816 0.1+ 0.5-  
 770424 675 0.2+ 0.7+ 810329 413 0.4+ 0.8+ 950820 816 0.0 0.2+  
 770425 675 0.1- 1.2+ 810407 413 0.2- 0.5+ 950820 816 0.4+ 0.0  
 810209 413 0.2- 1.3- 810407 413 0.3+ 0.1+ 950820 816 0.4+ 0.0  
 810213 413 0.3+ 0.5- 810408 413 0.5- 0.6+ 950828 816 0.0 0.2-  
 810302 413 2.3- 1.1+ 810408 413 2.1+ 0.5- 950828 816 0.1+ 0.1-  
 810302 413 0.6+ 1.1- 810411 413 0.4+ 0.8- 950828 816 0.1- 0.1-  
 810303 413 1.5- 0.9+ 810411 413 1.1+ 0.4- 950903 816 0.1+ 0.1-  
 810303 413 0.7+ 0.2- 810426 413 1.1+ 1.8- 950903 816 0.2+ 0.3-  
 810307 413 0.7- 0.1+ 810502 413 0.7- 1.1- 950924 816 0.3- 0.2-  
 810307 413 0.4+ 0.7- 911006 691 0.1- 0.3+ 950924 816 0.3+ 0.2-

**(6581)\* 1981 SO = 1990 EL<sub>5</sub>**

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

Id. G. V. Williams (*MPC* 17199)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	25.30145	(2000.0)		<b>P</b>	<b>Q</b>		
<i>n</i>	0.28270053	$\omega$	357.43665	+0.97891614	+0.20357022		
<i>a</i>	2.2992435	$\Omega$	350.76596	-0.18549505	+0.85151576		
<i>e</i>	0.1189031	<i>i</i>	6.01084	-0.08552651	+0.48319776		
<i>P</i>	3.49	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i> 2	

Residuals in seconds of arc

810922 046 0.1- 1.0+ 940419 046 0.1+ 0.2- 950829 801 0.1- 0.1-  
 810922 046 1.6+ 1.5+ 940419 046 1.2+ 0.0 950830 801 0.2- 0.2-  
 810925 046 0.1- 0.5+ 940421 046 0.1- 0.1- 950830 801 0.1- 0.3-  
 810925 046 1.0+ 0.4+ 940421 046 0.3+ 0.2- 950918 046 0.1+ 0.0  
 811006 046 1.6- 0.8- 940421 046 0.5+ 0.6+ 950918 046 0.0 0.0  
 811006 046 0.2- 1.0- 940503 046 0.5- 0.7- 950918 046 0.1+ 0.1+

811007 046	1.4+	0.2-	940503 046	0.3+	1.0-	950919 046	0.1+	0.2-
811007 046	0.5+	0.5+	940503 046	0.8-	0.9-	950919 046	0.1+	0.3-
811025 046	2.1-	1.4-	940507 046	1.4-	0.1+	950919 046	0.1+	0.4-
811025 046	0.1-	1.4-	940507 046	1.3-	0.0	950921 801	0.2+	0.3-
900302 809	0.5-	0.4-	940507 046	1.2-	0.0	950921 801	0.2-	0.4-
900302 809	0.2-	0.4-	950811 046	0.5+	0.4+	950923 596	0.1+	0.6-
900302 809	0.1+	0.1-	950811 046	0.3+	0.3+	950923 596	0.2+	0.4-
900303 809	0.0	0.1-	950811 046	0.1+	0.3+	950923 596	0.1-	0.8-
900303 809	0.2+	0.1-	950813 046	0.0	0.2+	950928 801	0.9+	0.1+
900303 809	0.5+	0.0	950813 046	0.2-	0.7+	950928 801	0.6-	0.3-
940419 046	0.2+	0.2+	950813 046	0.3+	0.4+			
940419 046	0.6+	0.3-	950829 801	0.2-	0.0			

**(6582)\* 1981 VS = 1981 UV<sub>20</sub> = 1972 XO<sub>1</sub> = 1986 YR**

Discovered 1981 Nov. 5 by E. Bowell at the Anderson Mesa station of the Lowell Observatory.  
 Id. H. Oishi (d, *MPC* 10022), L. D. Schmadel (d, *ibid.*), E. Bowell (*MPC* 11629), W. Landgraf (*ibid.*)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Williams					
<i>M</i>	355.89840 (2000.0)		<b>P</b>		<b>Q</b>			
<i>n</i>	0.21309258	$\omega$	204.51119	+0.62560394	-0.77696942			
<i>a</i>	2.7760279	$\Omega$	206.92921	+0.73893062	+0.61903707			
<i>e</i>	0.2900439	<i>i</i>	8.92637	+0.25020244	+0.11450601			
<i>P</i>	4.63	<i>H</i>	12.8	<i>G</i>	0.15	<i>U</i>	1	
Residuals in seconds of arc								
530916 675	0.3-	0.6-	861228 688	0.2+	0.2+	920228 675	0.3-	1.4+
530916 675	0.3-	0.7+	861228 688	0.4-	0.3-	920405 675	0.6+	0.6-
550420 675	0.3-	0.8-	870130 010	0.1+	0.0	920405 675	1.1+	1.6-
721203 095	1.5-	0.2+	870130 010	0.2+	0.3-	940713 689	0.3-	0.4+
811022 095	(0.2-	4.0+)	870131 010	0.2-	0.1-	940714 689	0.7-	1.0+
811024 095	(2.6+	4.6+)	870224 801	0.0	0.1+	950824 801	0.3-	0.4+
811025 330	1.9+	1.3-	900817 801	0.4-	0.1+	950824 801	0.7-	0.5+
811028 095	(0.2-	3.7+)	900817 801	0.9-	0.6+	950830 801	0.1+	0.2-
811029 330	2.4-	1.9-	900820 801	0.3+	0.2+	950830 801	0.1+	0.2-
811031 704	(1.1+	2.9+)	900820 801	0.1+	0.2+	950928 801	0.2-	0.2+
811031 704	(0.8+	3.8+)	900917 675	0.3-	1.3-	950928 801	0.2-	0.2+
811105 688	1.5+	1.5+	900917 675	1.3-	1.5-	950929 816	0.3-	0.5+
811105 688	2.1+	1.2+	900918 801	0.8-	1.2-	950929 816	0.3-	0.5+
811120 688	(0.6+	3.2-)	900918 801	0.2+	0.1-	950929 816	0.3-	0.4+
811120 688	(0.2+	3.7-)	900918 675	1.7+	1.1+	950929 816	0.3-	0.3+
811202 688	(1.3+	4.8-)	900918 675	1.8+	0.5+	950929 801	0.2-	0.4+
811202 688	(0.7+	3.4-)	900919 801	0.1+	0.2-	950929 801	0.0	0.2+
811218 688	(0.4-	2.8-)	900919 801	0.1+	0.2-			
811218 688	(0.7-	2.6-)	920228 675	0.2+	0.8+			

**(6583)\* 1984 DE = 1971 BL**

Discovered 1984 Feb. 21 by A. Mrkos at Kletř.  
 Id. S. Nakano (*MPC* 11346)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Nakano					
<i>M</i>	303.73267 (2000.0)		<b>P</b>		<b>Q</b>			
<i>n</i>	0.22702627	$\omega$	123.52119	+0.17115378	-0.98174284			
<i>a</i>	2.6612478	$\Omega$	316.38091	+0.85935463	+0.18995292			
<i>e</i>	0.1003235	<i>i</i>	6.90942	+0.48188795	+0.00994439			
<i>P</i>	4.34	<i>H</i>	12.1	<i>G</i>	0.15	<i>U</i>	1	
Residuals in seconds of arc								
710122 095	0.2-	1.2+	880110 046	0.1-	0.2-	930218 801	1.2-	0.4+
710128 095	0.3-	0.8+	880112 046	0.8-	0.2-	950804 046	0.2+	0.2+
840221 046	0.7+	0.6-	880112 046	(2.8+	1.1+)	950804 046	0.7+	0.1-
840221 046	2.3+	0.5-	911127 046	0.3-	0.8+	950804 046	0.2+	0.0
840222 046	0.7+	1.3-	911127 046	0.5+	0.3+	950805 046	0.0	0.2-
840222 046	1.1-	1.9-	911201 675	0.1-	0.8-	950805 046	0.0	0.2-
840225 046	(2.9-	0.5+)	911201 675	0.2-	0.7+	950805 046	0.2-	0.1+
840225 046	(3.1-	1.1-)	920102 801	0.1+	0.7+	950917 046	0.2-	0.5-
840226 095	(0.9+	2.6-)	920102 801	0.2-	0.4+	950917 046	0.3+	0.6-
840305 095	(5.6+	2.3-)	920108 801	0.1-	0.7+	950917 046	0.1+	0.1+
880109 046	1.9-	0.6-	920108 801	0.2-	0.6+	950917 046	0.2+	0.3-
880109 046	(3.1-	0.6+)	930125 801	0.0	0.5+	950917 046	0.2+	0.4-
880110 046	0.4+	0.7-	930125 801	0.3-	0.5+	950917 046	0.2+	0.5-

**(6584)\* 1984 FK = 1978 QZ<sub>2</sub> = 1988 OS**

Discovered 1984 Mar. 31 by E. Bowell at the Anderson Mesa station of the Lowell Observatory.  
 Id. G. V. Williams (*MPC* 23668), W. Landgraf (*ibid.*)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Williams					
<i>M</i>	86.86208 (2000.0)		<b>P</b>		<b>Q</b>			
<i>n</i>	0.28767475	$\omega$	80.49737	-0.37913745	+0.92515854			
<i>a</i>	2.2726622	$\Omega$	167.17599	-0.87810562	-0.35346085			
<i>e</i>	0.0954502	<i>i</i>	4.74052	-0.29186521	-0.13837310			
<i>P</i>	3.43	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>	1	
Residuals in seconds of arc								
530415 675	0.2+	0.6+	840504 688	2.5+	0.8-	940314 675	1.6-	0.4-
530415 675	1.0-	0.4-	880724 046	(0.9-	4.1-)	950825 801	1.1+	0.5-
780831 095	2.2-	0.6-	920923 033	1.7+	0.1+	950830 801	0.7-	0.0
840329 095	(1.9+	3.5-)	920925 033	1.3+	0.3+	950830 801	0.3-	0.0
840331 688	0.5-	0.3-	920925 033	0.8+	0.4+	950830 801	0.3-	0.2-
840331 688	1.9+	0.1+	920927 033	0.7+	0.3+	950830 801	0.5-	0.1-
840403 688	(4.9-	1.7+)	920928 033	1.0+	0.4+	950928 801	0.3-	0.5-
840403 688	(3.1-	1.9-)	940214 675	1.6-	0.1-	950928 801	0.6-	0.2-
840404 095	1.0+	0.1+	940214 675	0.9-	0.3+	950929 801	0.1-	0.7-
840504 688	0.5-	0.6-	940314 675	1.0-	0.4-	950929 801	0.1-	0.4-

**(6585)\* 1984 SR = 1973 SF = 1973 SR<sub>5</sub>**

Discovered 1984 Sept. 26 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Marsden					
<i>M</i>	342.23095 (2000.0)		<b>P</b>		<b>Q</b>			
<i>n</i>	0.27006797	$\omega$	60.24320	+0.48439220	-0.87483284			
<i>a</i>	2.3703947	$\Omega$	0.84742	+0.61175898	+0.33411506			
<i>e</i>	0.3590725	<i>i</i>	22.37286	+0.62539200	+0.35076291			
<i>P</i>	3.65	<i>H</i>	14.0	<i>G</i>	0.15	<i>U</i>	2	

Residuals in seconds of arc

710324 675	1.1-	0.2+	730929 675	0.2+	0.0	950822 801	0.3+	0.3-
710325 675	1.9-	0.4-	840926 675	0.9-	0.5-	950822 801	0.9+	0.8+
710325 675	0.5-	0.9-	840927 675	0.5+	0.6-	950826 801	0.5+	0.3-
710326 675	1.1+	0.7-	841022 675	0.2-	0.7-	950826 801	0.7+	0.2-
710327 675	0.6+	1.2-	841023 675	0.9+	0.3+	950921 801	0.3-	0.6-
710402 675	1.7-	0.5-	841024 675	0.2+	0.1+	950921 801	0.3-	0.7-
730920 675	(11.2+ 10.2+)		841124 675	1.4+	1.0+	950928 801	0.7-	0.6+
730925 675	0.7+	0.8-	930321 809	0.1+	0.1-	950928 801	0.5-	0.6+
730928 095	(2.1- 5.4-)		930326 809	(2.3+ 1.8+)				
730929 675	0.2+	0.5-	930417 413	(2.4+ 1.2-)				

**(6586)\* 1984 UK<sub>1</sub> = 1992 YO**

Discovered 1984 Oct. 28 by A. Mrkos at Kleť.

Id. K. Ichikawa (*MPC* 21565)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Williams

<i>M</i>	246.49571	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.25782486	$\omega$ 245.61849	-0.40737518	-0.91203991
<i>a</i>	2.4448536	$\Omega$ 228.50669	+0.85907810	-0.36515342
<i>e</i>	0.1552557	<i>i</i> 3.61353	+0.30988754	-0.18667132
<i>P</i>	3.82	<i>H</i> 13.9	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

841026 688	1.7-	1.8-	921225 894	1.2+	0.6+	950730 046	0.5-	0.3-
841026 688	1.3+	0.5-	921225 894	(2.1- 1.9-)		950730 046	0.3+	0.0
841028 046	(3.9- 1.3-)		921229 403	0.7+	0.9+	950730 046	1.3-	0.6+
841028 046	0.7-	0.2+	921229 403	1.7+	1.0+	950730 046	0.5+	0.4+
841029 046	1.5+	0.8+	930225 801	0.7+	0.9+	950801 046	0.5-	0.7+
841029 046	1.0+	1.3-	930225 801	0.4-	1.4-	950801 046	0.5+	0.0
841030 046	1.2-	0.7+	930226 801	0.1+	0.0	950801 046	0.8-	0.4+
841030 046	0.4+	0.0	930226 801	0.3+	0.1-	950804 046	0.4-	0.3+
921128 675	0.5-	0.8+	930323 801	0.1+	0.5-	950804 046	0.8-	0.7+
921128 675	1.8-	0.8+	940507 046	0.5+	0.3+	950804 046	0.2-	0.4+
921216 886	0.6+	0.4+	940507 046	0.7-	1.9+	950916 046	0.5+	0.0
921216 886	0.9-	1.7+	940507 046	0.7-	1.3+	950916 046	0.4+	0.1-
921217 399	0.8-	0.6+	940508 046	0.2+	0.9+	950916 046	0.4+	0.1-
921217 399	1.5-	1.1+	940508 046	0.6+	0.5+	950917 046	0.4+	0.1+
921218 403	0.5+	0.1+	940508 046	0.5+	0.5+	950917 046	0.2+	0.3+
921218 403	(2.2+ 1.2+)		950730 046	0.4-	0.9+	950917 046	0.5+	0.3+
921222 894	0.6+	0.0	950730 046	0.5-	0.2-			

**(6587)\* 1984 WA<sub>4</sub> = 1976 SN<sub>5</sub> = 1991 PA<sub>22</sub> = 1993 BL**

Discovered 1984 Nov. 27 at Caussols.

Id. T. Urata (*MPC* 21786), S. Nakano (*ibid.*)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Nakano

<i>M</i>	339.46169	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.25625626	$\omega$ 32.24190	+0.92448461	-0.38093312
<i>a</i>	2.4548204	$\Omega$ 350.11623	+0.32895537	+0.81672265
<i>e</i>	0.0648977	<i>i</i> 4.93650	+0.19265663	+0.43342135
<i>P</i>	3.85	<i>H</i> 13.3	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

510204 675	0.1-	0.2-	910810 675	1.0-	0.2+	950826 801	0.2-	0.1+
510204 675	0.2+	0.3-	910810 675	0.5-	0.3+	950828 801	0.4+	0.1+
760924 095	0.3+	0.8-	930120 385	0.2+	1.0+	950828 801	0.5-	0.1+

841119 675	1.0+	0.5+	930120 385	0.2-	0.0	950928 801	0.5+	0.0
841121 675	0.1-	0.6+	930121 385	0.4-	0.6-	950928 801	0.4+	0.2-
841127 010	1.3-	0.3-	930121 385	0.4+	0.1-	950929 801	0.2+	0.2-
841128 010	(2.9- 0.6-)		950826 801	0.1-	0.2-	950929 801	0.9+	0.3+

**(6588)\* 1985 RC<sub>4</sub> = 1986 WF<sub>7</sub> = 1988 FO**

Discovered 1985 Sept. 10 by H. Debehogne at the European Southern

Observatory.

Id. T. Kobayashi (*MPC* 13475)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Williams

<i>M</i>	47.94273	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.19951835	$\omega$ 170.08757	+0.65784467	+0.75254058
<i>a</i>	2.9005531	$\Omega$ 141.03851	-0.69427134	+0.62155667
<i>e</i>	0.0642155	<i>i</i> 2.76948	-0.29193783	+0.21760051
<i>P</i>	4.94	<i>H</i> 12.6	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

540531 675	0.6+	1.4-	861128 010	1.2-	1.4-	900922 809	0.4+	0.0
540531 675	0.3-	0.6-	861128 010	1.1-	1.0-	900922 809	0.8+	0.3+
850910 809	1.2-	0.2-	880317 033	0.4+	0.5-	900923 809	0.8-	1.0-
850910 809	1.3-	0.2-	880318 033	1.1+	0.9-	900923 809	0.4-	0.9-
850910 809	1.1-	0.2-	880318 033	0.5+	0.5-	900923 809	0.2-	0.8-
850912 809	0.6+	1.1+	900824 675	0.7+	0.5-	901022 675	0.4+	0.1+
850912 809	0.7+	1.1+	900824 675	0.4+	1.2-	901022 675	0.3+	0.2-
850912 809	0.9+	1.1+	900829 675	0.7+	1.5-	940514 801	1.2-	0.5-
850914 809	0.1-	0.0	900829 675	(3.5+ 0.0)		940515 801	0.2-	0.0
850914 809	0.3+	0.1-	900914 675	0.3-	1.6-	940515 801	0.2-	0.3-
850914 809	0.3+	0.1-	900914 675	0.4-	0.9-	940609 801	0.5-	1.1-
850917 809	0.6+	0.3-	900918 809	1.1-	0.9-	940609 801	0.9-	1.8-
850917 809	0.8+	0.2-	900918 809	0.9-	1.0-	950826 801	0.0	1.2+
850917 809	1.0+	0.2-	900918 809	0.5-	0.8-	950826 801	0.1+	1.2+
850919 809	0.1-	0.9+	900918 675	0.1+	0.8+	950829 801	0.9+	1.0+
850919 809	0.3-	0.8+	900918 675	0.5+	0.2+	950829 801	0.9+	1.0+
850919 809	0.3-	0.8+	900920 675	1.3-	0.6-	950928 801	1.0+	0.3-
850920 095	0.4-	0.3-	900920 675	0.9-	1.0-	950928 801	0.6+	0.1-
850921 809	0.6-	0.9+	900921 809	0.2-	0.3-	950929 801	0.9+	0.2-
850921 809	0.6-	0.8+	900921 809	0.6+	0.2-	950929 801	1.9+	0.3+
850921 809	0.7-	0.8+	900921 809	0.9+	0.3-			
861128 010	0.8-	2.2-	900922 809	0.0	0.4+			

**(6589)\* 1985 SL<sub>3</sub> = 1978 SC<sub>2</sub>**

Discovered 1985 Sept. 19 by N. S. Chernykh and L. I. Chernykh at the Crimean Astrophysical Observatory.

Id. S. Nakano (*MPC* 14194)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Nakano

<i>M</i>	359.67454	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.28765446	$\omega$ 26.92064	+0.91064042	+0.40687893
<i>a</i>	2.2727691	$\Omega$ 308.88370	-0.39380872	+0.80187712
<i>e</i>	0.1870496	<i>i</i> 5.30693	-0.12509485	+0.43754156
<i>P</i>	3.43	<i>H</i> 14.4	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

780926 095	0.2-	0.4+	940307 691	0.0	0.0	950825 801	0.7+	0.3-
781002 095	0.0	0.4-	940307 691	0.4-	0.1-	950828 801	0.4+	0.3-
850919 095	0.4+	0.4-	940308 691	0.4-	0.4-	950828 801	0.2-	0.6-



850921 095 (3.4+ 0.1+) 940308 691 0.4- 0.8- 950928 801 0.3- 0.5-  
 851018 095 0.4+ 0.7- 940308 691 0.3- 0.4- 950928 801 0.4- 0.7+  
 940307 691 0.1+ 0.9- 950825 801 0.4+ 0.1- 950929 801 0.4- 0.5-

**(6590)\* 1985 TA<sub>2</sub> = 1969 RT = 1975 XU<sub>3</sub> = 1987 DZ<sub>4</sub> = 1990 SO<sub>15</sub>**  
 Discovered 1985 Oct. 15 by E. Bowell at the Anderson Mesa station of the  
 Lowell Observatory.

Id. A. Lowe (*MPC* 18284), G. V. Williams (*ibid.*)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams  

<i>M</i>	297.71912	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.18735398	$\omega$ 103.26706	+0.65919008	-0.74093683
<i>a</i>	3.0247822	$\Omega$ 304.74216	+0.61518541	+0.62954071
<i>e</i>	0.0971356	<i>i</i> 8.98817	+0.43245271	+0.23386129
<i>P</i>	5.26	<i>H</i> 11.7	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

541230 675	0.3-	0.3-	900918 095	0.9-	1.4+	940705 689	0.1+	0.5-
541230 675	0.1-	0.0	900918 095	0.4-	0.8-	950822 801	0.0	0.1+
690910 095	1.5+	1.6-	900920 675	0.4+	0.3+	950822 801	0.0	0.2+
751202 095	(2.0+ 7.2+)		900920 675	0.4-	0.4-	950825 801	0.4-	0.1+
851015 688	0.4-	1.0-	900922 095	(3.0- 0.5+)		950825 801	0.1-	0.0
851015 688	1.1+	1.3-	900922 095	2.0-	0.3+	950924 801	0.6+	0.4-
851018 095	0.9+	2.0+	900924 095	0.6-	1.0+	950928 801	0.2+	0.5-
870227 801	0.0	0.0	900924 095	0.7-	0.9-	950928 801	0.6+	0.5-
900918 675	0.8+	0.1+	900926 095	0.9-	1.8+			
900918 675	0.3+	0.6-	900926 095	0.7+	0.4+			

**(6591)\* 1986 RT<sub>5</sub> = 1988 CK<sub>2</sub>**

Discovered 1986 Sept. 7 by L. I. Chernykh at the Crimean Astrophysical  
 Observatory.

Id. B. G. Marsden (*MPC* 14476)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Marsden  

<i>M</i>	353.24900	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.21524086	$\omega$ 72.00253	+0.99710116	-0.01508958
<i>a</i>	2.7575257	$\Omega$ 288.80998	-0.01766908	+0.90742295
<i>e</i>	0.1202469	<i>i</i> 4.51865	+0.07400728	+0.41994748
<i>P</i>	4.58	<i>H</i> 13.1	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

860907 095	0.7-	2.0+	880221 809	0.1+	0.6+	920128 691	0.8-	0.6-
860911 095	0.3-	0.4-	880221 809	0.8-	1.3+	920128 691	1.0-	0.4-
861005 095	0.9+	0.1+	880221 809	1.5-	1.1+	920129 691	0.4-	0.4-
861010 095	(2.7- 3.6+)		880223 809	1.6+	1.6+	920129 691	1.0-	0.7-
880211 809	0.4+	1.9-	880223 809	0.0	1.9+	920129 691	1.2-	0.7-
880215 809	1.3+	0.4-	880223 809	1.0-	1.2+	950828 801	0.3-	0.1+
880216 809	1.0+	0.7-	900909 413	1.2-	0.5-	950828 801	0.2-	0.1+
880216 809	0.1-	0.1-	900910 413	(2.0+ 0.5+)		950829 801	0.3-	0.7+
880216 809	1.8-	0.3+	900911 413	0.7-	0.6-	950829 801	0.6-	0.5+
880217 809	1.8+	0.4-	911203 675	1.4+	0.6-	950929 801	0.8+	1.1+
880217 809	1.8+	0.5-	911203 675	(2.2+ 1.6-)		950929 801	1.6+	0.0
880217 809	0.4+	0.1-	920128 691	0.7-	0.9-			

**(6592)\* 1986 TB<sub>12</sub> = 1988 JM<sub>1</sub> = 1990 PB**

Discovered 1986 Oct. 3 by L. G. Karachkina at the Crimean Astrophysical  
 Observatory.  
 Id. S. Nakano (*MPC* 16873)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

<i>M</i>	325.54311	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.21528075	$\omega$ 87.83823	+0.53222543	-0.84580093
<i>a</i>	2.7571851	$\Omega$ 329.91413	+0.74460733	+0.48836626
<i>e</i>	0.1609641	<i>i</i> 4.21396	+0.40285981	+0.21475377
<i>P</i>	4.58	<i>H</i> 12.8	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

861003 095	0.8-	0.8-	900914 675	0.5+	0.5-	920108 801	0.1+	0.0
861007 095	1.7+	1.9-	900914 675	0.1-	1.5-	920108 801	0.1+	0.2-
861011 095	(4.1+ 2.6-)		900915 675	0.4-	0.2+	930416 413	(5.2- 4.2+)	
880511 413	0.6-	0.6-	900915 675	0.7-	0.6-	950826 801	0.1+	0.4+
880511 413	(3.1- 0.3+)		900918 675	0.4+	0.9-	950829 801	0.0	0.5+
900815 372	(4.2- 0.4-)		900918 675	(0.1+ 4.4-)		950829 801	0.1-	0.5+
900815 372	(5.1- 1.8-)		911230 898	(1.1+ 2.7+)		950928 801	0.9-	0.6+
900818 372	1.8+	0.0	911230 898	(4.6- 6.2+)		950928 801	0.7-	0.6+
900818 372	(3.6- 0.1+)		920102 801	0.1+	0.3-	950929 801	0.2-	0.8+
900820 372	(10.7+ 2.7+)		920102 801	0.0	0.3-	950929 801	0.4-	0.7+
900820 372	(13.2+ 2.2+)		920104 898	0.0	0.2-			

**(6593)\* 1986 UV = 1981 RO<sub>4</sub> = 1990 RZ<sub>5</sub>**

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

Id. H. Kaneda (*MPC* 17958)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

<i>M</i>	339.33857	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.21611661	$\omega$ 60.01458	+0.70282509	-0.71108297
<i>a</i>	2.7500713	$\Omega$ 345.27659	+0.62263425	+0.62848132
<i>e</i>	0.0593675	<i>i</i> 4.50154	+0.34403995	+0.31523361
<i>P</i>	4.56	<i>H</i> 12.8	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

810905 095	1.5+	0.9+	900912 809	0.4+	0.5+	930326 809	(2.9- 0.5-)	
861028 046	1.6-	1.0-	900912 809	0.5+	0.3+	950811 046	1.0+	0.4+
861028 046	0.6-	1.2-	900912 809	1.0+	0.5+	950811 046	0.1-	0.3+
861103 046	1.1+	0.2+	900914 675	1.1-	1.5-	950811 046	0.2-	0.5+
861103 046	(3.3+ 1.4+)		900914 675	0.8-	1.4-	950813 046	0.4+	0.3-
861107 046	(4.1- 5.3+)		900914 809	0.2-	0.4-	950813 046	0.1+	0.1+
861107 046	(5.6- 3.4+)		900915 809	0.1+	0.6-	950813 046	0.3-	0.2+
900828 095	0.3-	1.8-	900915 809	0.1-	0.3-	950918 046	0.1-	0.9+
900828 095	(1.3- 5.1-)		900915 809	1.8-	0.7+	950918 046	0.2-	0.6+
900908 809	0.0	0.5-	900916 809	1.5-	0.8+	950918 046	0.3-	0.5+
900909 809	0.4+	0.4-	900916 809	1.3-	0.9+	950920 046	0.0	0.6+
900909 809	0.6+	0.2-	920107 801	0.0	0.8-	950920 046	0.4-	0.6+
900909 809	1.1+	0.2-	920107 801	0.3+	0.7-	950920 046	0.2-	0.5+
900910 809	1.3+	0.0	930321 809	0.3-	0.2+			
900910 809	1.5+	0.0	930322 809	0.5+	0.0			

**(6594)\* 1987 MM<sub>1</sub> = 1991 GD<sub>1</sub>**

Discovered 1987 June 25 by A. Mrkos at Kletř.  
 Id. G. V. Williams (*MPC* 18287)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams

<i>M</i>	251.13530	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.21298093	$\omega$	124.05339	+0.75512023	+0.65436941
<i>a</i>	2.7769980	$\Omega$	195.20434	-0.64042369	+0.72326390
<i>e</i>	0.1634465	<i>i</i>	8.75665	-0.14018177	+0.22065813
<i>P</i>	4.63	<i>H</i>	12.7	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

540408 675	0.8-	0.1+	910412 675	0.5+	1.3+	920827 675	0.3+	0.1+
540408 675	1.1+	0.2+	910412 675	1.8+	0.5+	920924 801	0.8+	0.1+
870625 046	0.6-	0.8+	910419 809	0.6+	2.0-	920924 801	0.9+	0.3+
870626 046	2.1-	1.2+	910419 809	0.0	1.5-	950210 046	0.4-	0.3+
870627 046	1.1+	0.7+	910419 809	0.2-	0.4-	950210 046	0.0	0.2+
870627 046	0.1-	1.4-	910419 675	0.7-	0.1-	950210 046	0.4-	0.4+
870628 046	1.2-	0.1-	910419 675	0.2+	0.6+	950221 046	1.0-	0.3-
870628 046	0.3-	0.6-	920807 675	1.1-	1.1-	950221 046	0.8-	0.3-
870630 046	0.1-	0.4-	920807 675	1.0-	0.8-	950221 046	1.1-	0.0
870630 046	1.0+	0.3-	920821 675	0.1+	0.0	950310 560	0.3+	0.9-
910410 675	0.3-	0.9+	920821 675	0.6+	0.2+	950310 560	1.5+	0.6-
910410 675	0.9+	0.1+	920827 675	1.2+	0.1+	950310 560	0.6-	0.3-

**(6595)\* 1987 QZ<sub>1</sub> = 1989 CG<sub>5</sub> = 1991 TE<sub>8</sub>**

Discovered 1987 Aug. 21 by E. W. Elst at the European Southern Observatory.

Id. T. Kobayashi (*MPC* 15067, *MPC* 19862)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams

<i>M</i>	356.88973	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.26024383	$\omega$	79.45163	+0.77892379	-0.62402345
<i>a</i>	2.4296800	$\Omega$	319.11913	+0.53176107	+0.70982405
<i>e</i>	0.1531004	<i>i</i>	5.45595	+0.33242727	+0.32671783
<i>P</i>	3.79	<i>H</i>	13.9	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

530906 675	0.6+	0.3-	870829 809	2.1+	1.0+	910913 675	0.5+	0.6-
530906 675	0.2-	0.9-	870829 809	1.2+	1.4+	910913 675	0.1+	0.9-
531130 675	0.2+	0.0	870829 809	1.0+	1.4+	910915 675	0.3+	0.1-
870821 809	0.3+	1.5+	870831 809	1.9+	0.7+	910915 675	0.1+	0.5-
870821 809	0.6-	1.6+	870831 809	0.0	0.2-	911008 400	0.5+	0.7-
870821 809	0.2+	1.9+	870831 809	0.5-	0.0	911008 400	0.8+	0.6-
870825 809	(2.9-	1.8-)	870831 809	1.5-	0.3-	950829 801	0.4+	0.7+
870825 809	0.4-	0.5-	870831 809	1.3-	0.4+	950829 801	0.5-	0.8+
870825 809	1.6-	1.3+	870831 809	1.2-	0.8-	950830 801	0.6-	0.7+
870826 809	0.1-	1.0-	870903 809	0.5+	2.0-	950830 801	0.7-	0.7+
870826 809	0.1+	0.9-	870903 809	0.5+	2.4-	950928 801	0.2-	0.5+
870826 809	0.6-	0.4-	890202 033	0.6-	0.1+	950928 801	0.1-	0.4+
870828 809	0.7-	0.7-	890204 033	0.2+	0.5-	950929 801	0.0	0.3+
870828 809	0.6+	0.5-	890210 033	0.1+	0.3-	950929 801	0.0	0.4+
870828 809	0.8-	0.3-	890210 033	0.0	0.1-			

**(6596)\* 1987 VC<sub>1</sub> = 1972 BV = 1979 YQ<sub>9</sub> = 1989 EH<sub>8</sub>**

Discovered 1987 Nov. 15 by A. Mrkos at Klet.

Id. T. Kobayashi (*MPC* 15888)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams

<i>M</i>	334.35632	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.23669796	$\omega$	7.00154	+0.79323324	-0.60735995
<i>a</i>	2.5882509	$\Omega$	30.53119	+0.55443422	+0.69085230
<i>e</i>	0.0816755	<i>i</i>	4.91565	+0.25176124	+0.39222060
<i>P</i>	4.16	<i>H</i>	13.4	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

560508 675	0.9+	0.1+	911003 046	0.9-	0.3-	950905 046	0.1+	0.2-
560508 675	1.1+	0.2+	911003 046	0.1+	0.2+	950905 046	0.4+	0.0
720120 033	1.4-	0.3-	911013 691	0.3-	0.1+	950905 046	0.1+	0.3-
720120 033	(3.1+	1.1-)	911013 691	0.1-	0.2+	950906 046	0.4+	0.4-
791225 095	2.0-	1.2-	911013 691	0.1-	0.1+	950906 046	0.1+	0.1+
871028 095	2.4-	0.2+	911015 894	(0.7+	2.1-)	950906 046	0.1+	0.0
871115 046	0.3-	1.0+	911015 894	0.3+	1.6-	950916 816	0.1+	0.3+
871115 046	2.1+	1.8+	930212 411	0.1+	0.2-	950916 816	0.1+	0.2+
871123 046	0.1-	2.2+	930212 411	0.7-	1.2-	950916 816	0.0	0.2+
871123 046	0.3+	1.7+	930324 675	1.0+	0.4+	950928 801	0.2+	0.0
871125 046	0.5+	0.9+	930324 675	1.4+	0.5+	950928 801	0.1+	0.0
871125 046	0.5-	1.0-	940507 046	0.6-	0.8+	950929 801	0.2-	0.5-
890308 372	(0.6+	9.7-)	940507 046	1.0-	1.3+	950929 801	0.1+	0.4-
890308 372	(0.3-	8.0-)	940508 046	0.3+	1.1+			

**(6597)\* 1988 AF<sub>1</sub> = 1962 XK<sub>1</sub> = 1984 BU**

Discovered 1988 Jan. 9 by A. Mrkos at Klet.

Id. E. Bowell (*MPC* 16581), B. G. Marsden (*ibid.*)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Marsden

<i>M</i>	328.75844	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.23733335	$\omega$	21.79401	+0.27230215	-0.96113495
<i>a</i>	2.5836293	$\Omega$	52.43359	+0.87411619	+0.22732419
<i>e</i>	0.2960212	<i>i</i>	3.29144	+0.40220943	+0.15666306
<i>P</i>	4.15	<i>H</i>	14.6	<i>G</i> 0.15	<i>U</i> 1

Residuals in seconds of arc

550323 675	0.7-	0.1+	911004 801	0.4+	0.1+	920108 801	0.1+	0.1-
550323 675	0.5+	0.8+	911009 801	0.2-	0.1+	920108 801	0.5+	0.1-
621203 760	0.6+	0.6+	911009 801	0.5+	0.3+	950804 046	0.6+	1.1-
621203 760	0.4-	0.4-	911107 801	0.4+	0.2-	950804 046	0.1+	0.4-
840129 046	0.8-	1.4-	911107 801	0.3+	0.2-	950804 046	0.4+	0.6-
840129 046	(3.3+	2.5-)	911108 801	0.1+	0.5-	950805 046	0.1+	0.8-
840204 046	(2.1-	2.7-)	911108 801	0.2+	0.5-	950805 046	0.2+	0.2-
840204 046	(0.3-	3.7-)	911201 675	0.2-	0.2+	950805 046	0.4+	0.0
880109 046	0.2+	0.6+	911201 675	1.0-	0.5-	950918 046	0.4-	0.6+
880109 046	1.0-	0.5+	911203 675	0.2-	0.8-	950918 046	0.2-	0.3+
880110 046	0.4+	1.2-	911203 675	0.2-	0.1+	950918 046	0.3-	0.4+
880110 046	0.8+	0.6+	911206 675	1.3-	0.2-	950919 046	0.2+	0.1-
880112 046	0.3+	0.3-	911206 675	0.2+	0.3-	950919 046	0.0	1.0+
880112 046	0.6+	0.3-	920102 801	0.3-	0.5+	950919 046	0.1-	0.5+
911004 801	0.1+	0.2+	920102 801	0.5-	1.6+			

**(6598)\* 1988 CL = 1970 AZ = 1986 RW<sub>1</sub>**

Discovered 1988 Feb. 13 at the Osservatorio San Vittore.

Id. S. Nakano (*MPC* 12946)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

M 314.85428		(2000.0)		P		Nakano		Q	
<i>n</i>	0.22230469	$\omega$	97.96107	+0.30606811		-0.94881117			
<i>a</i>	2.6987975	$\Omega$	333.80234	+0.78900364		+0.29864106			
<i>e</i>	0.2385439	<i>i</i>	10.17294	+0.53272467		+0.10281476			
<i>P</i>	4.43	<i>H</i>	13.0	<i>G</i>	0.15	<i>U</i>		<i>1</i>	

Residuals in seconds of arc

700105 095	(25.4+ 1.5-)	880216 809	0.3- 0.4-	920103 596	0.2+ 0.2+
860812 095	(1.2+ 2.7+)	880216 809	0.1+ 1.2-	920103 596	0.2- 1.1-
860813 095	2.1+ 2.0+	880216 552	2.0- 0.6-	950823 801	0.2- 0.3-
860831 010	(0.8+ 2.7-)	880216 552	1.5- 0.9-	950823 801	0.5- 0.1+
860831 010	(7.7+ 2.0-)	880217 552	1.9- 0.6+	950825 801	0.6- 0.2-
860906 095	1.9- 1.6-	880217 552	1.1+ 1.0+	950825 801	0.5- 0.1-
860908 046	0.5+ 0.4-	880221 552	1.3- 1.3+	950915 552	0.0 0.0
860908 046	0.2+ 1.1-	880221 552	(2.7- 1.0+)	950915 552	0.1- 0.2-
880213 552	1.0- 0.6-	880222 552	0.3+ 1.3+	950915 552	0.2- 0.1+
880214 552	1.1- 0.7+	880222 552	1.6+ 0.4-	950923 552	0.1+ 0.0
880214 809	1.8+ 0.5-	880309 552	0.1- 0.9+	950923 552	0.1- 0.1-
880214 809	1.3+ 0.6-	880309 552	1.0- 0.7+	950923 552	0.3- 0.6+
880214 809	2.0+ 0.8-	880317 675	0.9- 0.4-	950923 552	0.3- 0.5+
880214 552	0.3- 1.1+	880317 675	1.4+ 0.8+	950925 552	0.1+ 0.9+
880215 552	1.3+ 0.7+	880317 552	0.7- 0.3-	950926 552	0.3+ 0.4+
880215 809	1.5+ 0.7-	880321 675	0.3- 0.2+	950929 552	0.2+ 0.1+
880215 809	1.7+ 0.3-	880321 675	0.5- 0.3+	950929 552	0.6+ 0.4+
880215 552	1.2+ 0.0	880322 675	0.8- 0.4-		
880216 552	(2.5+ 0.3-)	880322 675	1.1- 0.4-		

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

M 353.41466		(2000.0)		P		Williams		Q	
<i>n</i>	0.29113672	$\omega$	87.13541	+0.83900108		-0.54265533			
<i>a</i>	2.2546098	$\Omega$	305.72580	+0.47759101		+0.76966055			
<i>e</i>	0.2092120	<i>i</i>	2.82633	+0.26073746		+0.33637455			
<i>P</i>	3.39	<i>H</i>	14.1	<i>G</i>	0.15	<i>U</i>		<i>1</i>	

Residuals in seconds of arc

540703 675	0.3- 0.8-	900302 809	0.2+ 1.1-	940507 046	0.1+ 0.3+
540703 675	0.4- 1.0-	900302 809	0.8+ 1.3-	950804 046	0.3+ 0.1-
781024 095	1.8+ 0.4+	900304 809	0.5- 0.7+	950804 046	0.3+ 0.1+
830214 381	0.8+ 0.6+	900304 809	0.3- 1.0+	950804 046	0.3+ 0.1-
880817 046	(2.7- 1.8-)	900304 809	0.1- 1.2+	950805 046	0.5+ 0.1+
880817 046	1.7- 0.7+	930113 399	1.2- 0.5-	950805 046	0.5+ 0.3+
880818 046	0.4- 1.4-	930113 399	1.9+ 1.4-	950805 046	0.4+ 0.0
880818 046	0.0 2.0-	930120 399	1.7- 0.0	950819 816	0.3- 0.2+
880823 046	1.3+ 0.2+	930120 399	0.2- 1.3+	950819 816	0.5- 0.2+
880824 046	0.6+ 0.8+	930126 691	0.4- 0.4-	950819 816	0.4- 0.3+
900228 809	0.0 0.1-	930126 691	0.2- 0.0	950819 816	0.6- 0.3+
900228 809	0.2+ 0.1+	930126 691	0.3- 0.0	950820 816	0.3- 0.1+
900228 809	0.4+ 0.1-	940504 046	0.3+ 0.4+	950820 816	0.4- 0.2+
900301 809	0.7- 0.3-	940504 046	0.3+ 0.3+	950820 816	0.3- 0.2+
900301 809	0.3- 0.3-	940504 046	0.4+ 0.3+	950924 816	0.2- 0.1+
900301 809	0.1+ 0.5-	940507 046	0.2+ 0.3+	950924 816	0.2- 0.2+
900302 809	0.6+ 1.2-	940507 046	0.0 0.2+	950924 816	0.1- 0.1+

**(6601)\* 1988 XK<sub>1</sub> = 1973 SP<sub>3</sub> = 1973 SH<sub>6</sub> = 1984 UN**

Discovered 1988 Dec. 7 by S. Ueda and H. Kaneda at Kushiro.

Id. T. Kobayashi (*MPC* 14203)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

M 23.87006		(2000.0)		P		Nakano		Q	
<i>n</i>	0.26987814	$\omega$	270.53284	+0.95362864		+0.29863079			
<i>a</i>	2.3715061	$\Omega$	72.09219	-0.25805413		+0.87547003			
<i>e</i>	0.2370883	<i>i</i>	2.26325	-0.15492092		+0.37996299			
<i>P</i>	3.65	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>		<i>2</i>	

Residuals in seconds of arc

730919 675	0.5+ 0.8+	771207 675	0.8+ 1.0+	910716 675	1.4+ 0.3+
730919 675	0.5+ 1.3+	771208 675	0.1+ 0.8+	930113 399	0.2- 1.0+
730920 675	0.1- 0.8+	841023 688	0.6+ 0.5-	930113 399	0.3- 0.0
730924 675	0.9- 0.3-	841023 688	1.3+ 1.3-	930120 399	0.7- 0.5+
730924 675	1.7- 0.3-	841029 688	0.7+ 0.8-	930120 399	2.1- 0.5+
730925 675	0.2- 1.8-	841029 688	0.2+ 1.2-	930125 691	1.3- 0.7-
730925 675	0.1- 1.5-	881207 399	1.4+ 0.4-	930125 691	1.3- 0.1+
730925 095	(3.6+ 0.4+)	881207 399	1.4+ 1.0-	930125 691	(2.6- 0.3+)
730928 095	(4.1+ 4.0-)	881207 399	1.1+ 0.4+	950822 801	0.9- 1.0+
730929 675	0.7+ 0.1-	881207 399	2.2+ 0.2-	950822 801	0.8- 1.0+
730929 675	0.5+ 0.5-	881211 399	0.1- 0.2-	950826 801	0.5- 1.4+
730930 675	0.7+ 1.3-	881211 399	1.0- 0.3+	950826 801	0.5- 1.5+
730930 675	0.8- 1.5-	881211 399	0.7+ 0.2-	950921 801	0.7- 0.7+
731004 675	(3.3+ 0.8-)	881211 399	0.2+ 0.1+	950921 801	0.8- 0.6+
731004 675	(3.9+ 0.7-)	881216 401	1.1- 0.3+	950928 801	1.3- 1.2+
731005 675	(3.2+ 0.8-)	881216 401	1.9+ 0.5+	950928 801	1.2- 1.2+
731005 675	1.0+ 0.5-	910716 675	0.3+ 0.3-		

**(6599)\* 1988 PV = 1978 TE<sub>3</sub> = 1991 JU<sub>3</sub>**

Discovered 1988 Aug. 8 by K. Endate and K. Watanabe at Kitami.

Id. G. V. Williams (*MPC* 18629)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

M 25.45888		(2000.0)		P		Williams		Q	
<i>n</i>	0.28878114	$\omega$	115.29472	+0.92990836		+0.36250523			
<i>a</i>	2.2668537	$\Omega$	223.52491	-0.36148500		+0.86967864			
<i>e</i>	0.2124285	<i>i</i>	5.17629	-0.06781622		+0.33503585			
<i>P</i>	3.41	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>		<i>2</i>	

Residuals in seconds of arc

781004 095	0.9+ 1.1-	880905 400	0.0 0.3-	921226 801	0.6+ 1.1+
880808 400	0.4+ 0.3-	880907 400	1.0+ 0.0	921226 801	0.3- 0.2+
880808 400	(3.2- 0.6-)	880907 400	0.1+ 0.7+	930127 801	0.5- 0.3-
880808 400	(3.8+ 0.9+)	881002 400	0.4- 0.9+	930127 801	0.4- 0.0
880815 400	1.2- 0.2+	881002 400	(2.6+ 0.2-)	950829 801	0.3+ 0.8-
880815 400	1.8- 2.4+	910513 033	0.2- 1.6-	950829 801	0.5+ 0.7-
880815 400	1.4- 0.4-	910513 033	0.1- 1.1-	950830 801	0.3+ 0.7-
880818 400	0.7+ 1.3+	910514 033	0.6+ 1.6-	950830 801	0.3+ 0.7-
880818 400	0.1- 0.1+	921221 801	0.3- 0.0	950929 801	0.5+ 1.2-
880904 400	0.1+ 0.4-	921221 801	0.0 0.1+	950929 801	0.6+ 1.2-

**(6600)\* 1988 QW = 1978 UA<sub>2</sub> = 1983 CD<sub>5</sub> = 1990 EF<sub>3</sub> = 1993 AP**

Discovered 1988 Aug. 17 by A. Mrkos at Klet.

Id. T. Kobayashi (*MPC* 22225)

**(6602)\* 1989 EC**

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

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

			Williams			
<i>M</i>	289.87742	(2000.0)	<b>P</b>		<b>Q</b>	
<i>n</i>	0.38524854	$\omega$ 98.19761	+0.16164627	-0.97888458		
<i>a</i>	1.8705761	$\Omega$ 341.05555	+0.68329870	+0.20250096		
<i>e</i>	0.0738665	<i>i</i> 22.66879	+0.71202063	+0.02789862		
<i>P</i>	2.56	<i>H</i> 12.9	<i>G</i> 0.15	<i>U</i> 1		

Residuals in seconds of arc

890304 675	1.2-	1.4-	901014 675	0.1+	0.0	950822 801	0.6-	0.3-
890304 675	1.9-	0.0	901017 675	1.0+	0.1-	950822 801	0.5-	0.2-
890306 675	(12.4-	3.0-)	901017 675	0.3-	0.1-	950825 801	0.1-	0.6-
890306 675	(11.5-	3.7-)	940113 675	0.4-	1.8+	950825 801	0.2-	0.5-
890405 675	2.1-	1.1-	940113 675	0.3+	0.5-	950828 596	0.4-	1.0-
890405 675	(3.4-	2.1-)	940116 675	0.1-	0.7+	950828 596	0.1-	1.1-
890407 675	(4.4-	1.3-)	940122 596	0.1+	1.1-	950828 596	0.2-	1.1-
890407 675	1.4-	2.1-	940122 596	0.1-	0.7-	950920 608	0.4+	0.6-
890429 675	0.4-	0.8-	940122 596	1.3+	0.0	950920 608	0.3+	0.9-
890429 675	1.4+	0.3-	940216 107	0.1+	0.6+	950928 801	0.5+	0.1+
890501 675	0.3-	0.1-	940216 107	0.3+	0.3+	950928 801	0.7+	0.4+
890501 675	0.9-	0.6+	940311 675	0.9-	1.1-	950928 608	0.7+	0.8+
900922 675	(1.2+	2.5-)	940311 675	0.0	0.2-	950928 608	0.8+	0.6+
900922 675	(2.2+	2.2-)	940412 675	0.8+	0.9-	950929 801	0.5+	0.5+
900924 675	1.2+	1.3-	940412 675	0.6+	1.1-	950929 801	0.6+	0.3+
900924 675	1.4+	1.0-	940414 675	0.4-	1.5+			
901014 675	0.1-	0.5+	940414 675	(2.7+	0.3-)			

**(6603)\* 1990 KG = 1985 BJ**

Discovered 1990 May 19 by E. F. Helin at Palomar.

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

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

			Marsden			
<i>M</i>	100.34641	(2000.0)	<b>P</b>		<b>Q</b>	
<i>n</i>	0.22877786	$\omega$ 107.16676	-0.71345781	+0.65163167		
<i>a</i>	2.6476468	$\Omega$ 114.33189	-0.70063568	-0.65852821		
<i>e</i>	0.2067619	<i>i</i> 16.42168	-0.00935932	-0.37645287		
<i>P</i>	4.31	<i>H</i> 12.6	<i>G</i> 0.15	<i>U</i> 1		

Residuals in seconds of arc

850116 046	0.8-	0.6-	900626 675	1.2+	0.8-	940610 675	1.2+	0.0
850116 046	(3.6-	0.9+)	900628 675	1.0+	0.7+	940612 675	1.2+	0.7-
850118 046	1.0+	2.3-	900628 675	0.9-	0.2-	940612 675	0.1+	0.9-
850118 046	(1.0+	2.8-)	940312 801	0.3-	0.2-	950804 608	0.7-	1.0-
900519 675	1.5-	1.2+	940312 801	0.3-	0.0	950804 608	1.5-	1.4-
900519 675	0.2+	0.5+	940321 801	0.1+	0.1+	950804 608	1.1-	0.5-
900522 675	0.3+	0.6-	940321 801	0.0	0.2+	950816 608	0.7+	0.3-
900522 675	0.1-	0.9-	940406 675	0.1+	0.4+	950816 608	0.3+	0.4-
900526 675	0.0	0.0	940406 675	0.2-	0.0	950817 608	0.9+	0.1+
900526 675	0.4-	0.1-	940407 675	0.0	0.4+	950817 608	0.7+	0.4+
900614 413	(0.1+	2.4-)	940407 675	0.0	0.6+	950920 608	0.8+	0.1-
900614 413	(3.0+	1.7+)	940408 801	0.0	0.2-	950920 608	0.6+	0.0
900615 413	0.1-	0.2+	940408 801	0.1+	0.4-	950921 608	0.0	0.3+
900615 413	0.1+	0.1+	940408 675	0.1-	0.0	950921 608	0.2-	0.3+
900626 675	0.1-	1.0-	940610 675	1.4-	0.1-			

**(6604)\* 1990 QE<sub>8</sub> = 1988 CV<sub>6</sub> = 1993 FH<sub>13</sub>**

Discovered 1990 Aug. 16 by E. W. Elst at the European Southern

Observatory.

Id. G. V. Williams (*MPC* 23515)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

			Williams			
<i>M</i>	255.74567	(2000.0)	<b>P</b>		<b>Q</b>	
<i>n</i>	0.21278385	$\omega$ 343.15243	-0.54064389	-0.83811467		
<i>a</i>	2.7787125	$\Omega$ 139.49479	+0.78414380	-0.53330976		
<i>e</i>	0.0489925	<i>i</i> 6.41597	+0.30466816	-0.11464944		
<i>P</i>	4.63	<i>H</i> 12.6	<i>G</i> 0.15	<i>U</i> 2		

Residuals in seconds of arc

530917 675	1.7-	0.9+	900824 809	0.2+	1.1-	930323 809	1.5+	1.1-
530917 675	1.1+	1.3+	900824 809	1.5-	0.6-	930416 413	0.6+	0.6+
880215 046	1.2+	0.1+	900824 809	0.5+	0.0	950829 801	0.5+	0.5+
880215 046	1.7-	1.5-	900826 809	1.2-	1.1-	950829 801	0.4+	0.1+
900816 809	0.8+	0.5-	900826 809	0.3-	1.0-	950830 801	0.3+	0.6+
900816 809	0.9+	0.5-	900826 809	0.4-	0.9-	950830 801	0.2-	1.3+
900816 809	(0.2+	2.6-)	900916 675	(2.4+	0.1+)	950928 801	0.0	0.2-
900818 809	0.4+	0.6+	900916 675	1.9+	0.3-	950928 801	0.0	0.1-
900818 809	0.6+	1.2+	930317 809	1.3-	0.0	950929 801	0.1+	0.6-
900818 809	0.9-	0.1-	930318 809	0.7-	0.1+	950929 801	0.8-	1.2-

**(6605)\* 1990 SM<sub>0</sub> = 1985 RS<sub>5</sub> = 1988 GY<sub>1</sub> = 1993 HG<sub>2</sub>**

Discovered 1990 Sept. 22 by E. W. Elst at the European Southern

Observatory.

Id. G. V. Williams (*MPC* 22230)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

			Williams			
<i>M</i>	331.35464	(2000.0)	<b>P</b>		<b>Q</b>	
<i>n</i>	0.20044781	$\omega$ 294.00791	+0.73758571	-0.67321475		
<i>a</i>	2.8915797	$\Omega$ 108.35346	+0.63787391	+0.66917532		
<i>e</i>	0.0759810	<i>i</i> 3.16681	+0.22154953	+0.31462087		
<i>P</i>	4.92	<i>H</i> 12.5	<i>G</i> 0.15	<i>U</i> 2		

Residuals in seconds of arc

850915 095	0.5-	1.4-	920123 372	0.5-	0.1-	950825 801	1.1-	0.5+
880409 054	2.1+	1.3-	930319 809	1.3+	0.4-	950828 801	0.3-	0.5+
900914 809	0.9+	0.3+	930320 809	0.6+	0.1+	950828 801	0.3-	0.5+
900914 809	0.3+	0.4+	930324 809	0.1+	0.7+	950920 400	0.7+	0.7-
900914 809	0.2-	0.2-	930418 413	1.5-	1.5+	950920 400	0.4+	0.8-
900922 809	0.0	0.1-	930419 691	0.6-	1.9-	950921 801	0.5+	0.1-
900922 809	0.1-	0.4-	930419 691	0.9-	0.9-	950921 801	0.5+	0.2-
900922 809	0.9-	1.3-	930419 691	1.2-	0.7-	950921 400	1.9+	0.8-
900925 809	0.6+	0.0	930424 691	0.3-	0.5-	950921 400	0.1-	0.3-
900925 809	1.0+	0.1+	930424 691	0.7-	0.2-	950928 801	0.0	0.5+
900925 809	0.3-	0.9-	930424 691	0.2-	0.4-	950928 801	0.1+	0.8+
920123 372	0.1-	1.1-	950825 801	1.9-	0.1+			

**(6606)\* 1990 UF = 1977 EQ<sub>6</sub> = 1979 SS<sub>7</sub> = 1979 TG<sub>1</sub>**

Discovered 1990 Oct. 16 by T. Seki at Geisei.

Id. S. Nakano (*MPC* 17454), N. S. Chernykh (d, *ibid.*)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

M		(2000.0)		P		Q		Nakano	
<i>n</i>	0.18080766	$\omega$	108.30404	+0.73590876	+0.67574258				
<i>a</i>	3.0973587	$\Omega$	209.22944	-0.64946099	+0.68672943				
<i>e</i>	0.1706576	<i>i</i>	4.99863	-0.19141243	+0.26790792				
<i>P</i>	5.45	<i>H</i>	12.5	<i>G</i>	0.15	<i>U</i>	1		

Residuals in seconds of arc

770312 381	0.0	0.4+	901017 372	(5.5- 1.3-)	950824 801	0.4+	0.5+
770312 381	1.8-	1.4+	901027 372	1.6- 1.4-	950824 801	0.2+	0.7+
770314 381	0.8+	0.0	901027 372	0.2- 1.8+	950829 801	0.7+	0.3+
770314 381	0.0	0.3-	901028 372	0.3- 1.2-	950829 801	0.5+	0.4+
770315 381	1.2-	0.1-	920127 372	0.5- 0.4-	950829 684	0.1+	0.9-
770315 381	0.4-	0.1-	930212 372	1.5+ 0.1-	950829 684	0.2+	0.6-
790923 095	1.0+	1.0+	930212 372	(3.7- 1.0+)	950829 684	0.2-	0.6-
791014 095	0.8+	0.6+	930213 372	0.3- 0.8-	950924 801	0.6-	0.1-
900924 095	(6.3- 6.5+)		930317 372	0.4+ 1.6+	950924 801	0.7-	0.9-
901015 372	(3.5- 1.1-)		930324 675	0.3+ 1.7-	950928 801	0.3-	0.2-
901016 372	(3.7- 0.4-)		930324 675	1.2+ 0.9-	950928 801	0.2-	0.2+

**(6607)\* 1991 UL<sub>2</sub> = 1974 UL = 1989 GK<sub>s</sub>**

Discovered 1991 Oct. 29 by K. Endate and K. Watanabe at Kitami.

Id. H. Kaneda (*MPC* 19513)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

M		(2000.0)		P		Q		Nakano	
<i>n</i>	0.23207630	$\omega$	282.99262	+0.75889860	-0.64716839				
<i>a</i>	2.6225001	$\Omega$	117.38584	+0.62462174	+0.69194243				
<i>e</i>	0.1125569	<i>i</i>	4.67887	+0.18417545	+0.31998240				
<i>P</i>	4.25	<i>H</i>	12.7	<i>G</i>	0.15	<i>U</i>	2		

Residuals in seconds of arc

741023 330	0.3+	0.5+	911126 400	0.4+	0.6+	930423 033	0.0	0.4-
890406 033	0.0	0.0	911126 400	0.5+	0.2-	950822 801	0.2-	0.5-
890407 033	0.2+	0.2+	911130 400	1.4+	0.4+	950822 801	0.3+	0.4-
890409 033	1.7-	0.6-	911130 400	(1.5+ 3.6-)	950825 801	0.1+	0.2+	
890409 033	0.8-	1.4-	930119 801	0.3+	0.4-	950825 801	0.5+	0.4+
911029 400	0.2+	0.3-	930119 801	0.7+	0.1-	950903 400	0.7+	0.6+
911029 400	(2.6- 0.0)		930126 801	0.1+	0.5-	950903 400	0.3+	0.1+
911031 400	0.1-	0.7+	930126 801	0.6+	0.5+	950928 801	0.1+	0.7-
911031 400	0.3-	0.6+	930224 801	0.7-	0.2+	950928 801	0.3+	0.7-
911104 894	1.5-	0.2+	930224 801	0.2+	0.1+	950929 801	0.1+	0.5-
911104 894	0.9-	1.3-	930226 801	0.1-	0.7-	950929 801	0.1-	0.8-
911112 894	0.7-	0.0	930226 801	0.0	0.5-			
911112 894	0.2-	1.3-	930423 033	0.3+	0.4+			

**(6608)\* 1991 VC<sub>4</sub> = 1980 XH**

Discovered 1991 Nov. 2 by E. F. Helin at Palomar.

Id. G. V. Williams (*MPC* 22056)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

M		(2000.0)		P		Q		Williams	
<i>n</i>	0.25686938	$\omega$	195.09267	+0.54317062	-0.82959723				
<i>a</i>	2.4509126	$\Omega$	222.23059	+0.78889956	+0.55700222				
<i>e</i>	0.1921123	<i>i</i>	11.09681	+0.28740766	+0.03894829				
<i>P</i>	3.84	<i>H</i>	12.6	<i>G</i>	0.15	<i>U</i>	2		

Residuals in seconds of arc

801204 688	(2.4- 3.2+)	930319 675	1.6- 0.2+	940712 801	0.8+ 0.2+
801204 688	0.4+ 2.1-	930319 675	(3.2- 0.4-)	950824 801	0.5+ 0.1+
910912 675	0.6+ 0.8-	930321 675	(10.9- 1.8+)	950824 801	0.1+ 0.2+
910912 675	0.1+ 1.0-	930321 675	(6.0- 1.4+)	950830 801	0.4+ 0.1+
911102 675	0.2- 1.2+	930417 413	(1.0+ 3.2+)	950830 801	0.3+ 0.4+
911102 675	0.5- 0.1+	930419 801	0.3- 0.0	950921 801	0.7+ 0.0
911104 675	0.7- 0.8-	930419 801	0.3+ 0.5-	950921 801	0.3+ 0.0
911104 675	1.2- 0.0	940609 801	0.3- 0.5-	950928 801	0.2- 0.2-
911208 675	0.5+ 0.8-	940711 801	0.4+ 1.1-	950928 801	0.1- 0.2-
911208 675	(1.8+ 2.3-)	940712 801	0.6+ 0.4-		

**(6609)\* 1992 BN = 1971 BP<sub>1</sub> = 1979 RB = 1993 HU**

Discovered 1992 Jan. 28 by S. Ueda and H. Kaneda at Kushiro.

Id. S. Nakano (*MPC* 22235; unpublished)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

M		(2000.0)		P		Q		Nakano	
<i>n</i>	0.18987610	$\omega$	242.64527	+0.98232454	-0.08295064				
<i>a</i>	2.9979370	$\Omega$	121.67169	+0.13032209	+0.94657158				
<i>e</i>	0.1124161	<i>i</i>	11.37131	-0.13436759	+0.31164312				
<i>P</i>	5.19	<i>H</i>	11.4	<i>G</i>	0.15	<i>U</i>	1		

Residuals in seconds of arc

710127 095	(3.6+ 11.3+)	920208 399	0.4- 1.1-	930419 399	1.3- 1.2+
790901 095	0.6- 0.3+	920209 691	0.2- 0.5-	930516 399	0.2+ 1.3+
880409 675	1.7+ 1.3-	920209 691	0.1- 0.6-	930516 399	1.8- 0.6+
880409 675	0.3- 1.5-	920209 691	0.1- 0.5-	940717 292	0.2+ 0.2+
920114 372	0.5- 1.8+	920213 877	0.5- 0.6-	940717 292	0.4+ 1.0+
920114 372	(3.5- 2.9+)	920213 877	(2.8+ 4.6-)	950824 801	0.0 0.1+
920128 399	0.3- 0.6+	920221 399	(4.9+ 1.1-)	950824 801	0.2- 0.4-
920128 399	0.9- 1.5+	920221 399	1.0+ 1.9-	950826 801	0.5- 0.2-
920129 399	0.5+ 1.1+	920222 399	2.3+ 0.1-	950826 801	0.0 0.0
920129 399	0.0 0.4+	920222 399	0.6+ 0.2+	950928 801	0.1- 0.6+
920205 399	1.1+ 0.5-	930416 399	1.4+ 0.7+	950928 801	0.2+ 0.6+
920205 399	0.4- 0.9+	930416 399	0.7- 1.0+	950929 801	0.5+ 0.6+
920208 399	1.1- 0.6+	930419 399	0.4+ 0.5-	950929 801	0.4- 0.0

**(6610)\* 1993 BL<sub>3</sub> = 1950 XM = 1955 FN = 1991 NA<sub>1</sub>**

Discovered 1993 Jan. 28 by A. Natori and T. Urata at the JCPM Yakiimo Station.

Id. S. Nakano (*MPC* 21947)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

M		(2000.0)		P		Q		Nakano	
<i>n</i>	0.28424965	$\omega$	350.78891	+0.62113181	-0.77447799				
<i>a</i>	2.2908822	$\Omega$	60.71527	+0.72750675	+0.51290440				
<i>e</i>	0.1721127	<i>i</i>	7.90225	+0.29142616	+0.37028762				
<i>P</i>	3.47	<i>H</i>	12.7	<i>G</i>	0.15	<i>U</i>	1		

Residuals in seconds of arc

501203 711	(17.2+ 3.0-)Y	930128 885	0.0 0.3-	930424 801	0.2- 0.0
501203 711	(10.9+ 0.2-)Y	930129 885	0.0 0.0	930424 801	0.4- 0.2+
520524 675	1.5- 0.1+	930129 885	(2.4- 0.5+)	950826 801	0.0 0.1+
520524 675	0.3- 0.1+	930213 885	0.7+ 0.5-	950826 801	1.5- 0.7-
550320 760	0.8+ 0.1-	930213 885	0.2- 1.1-	950828 801	0.1+ 0.4-
550320 760	0.9+ 1.2+	930224 411	0.3+ 0.6-	950828 801	0.0 0.2-

910709 675 0.0 0.5-	930224 411 0.3+ 0.6-	950928 801 0.2+ 0.0
910709 675 1.2+ 0.4-	930224 411 0.3+ 0.3-	950928 801 0.2+ 0.1+
910711 675 (3.4- 0.4-)	930418 801 0.0 0.2+	950929 801 0.1- 0.1+
930128 885 1.6- 0.6+	930418 801 0.3- 0.2+	950929 801 0.3+ 0.0

**(6611)\* 1993 VW**

Discovered 1993 Nov. 9 by E. F. Helin and J. Alu at Palomar.

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Williams						
<i>M</i>	263.76553	(2000.0)	<b>P</b>	<b>Q</b>					
<i>n</i>	0.44659869	$\omega$ 280.88784	-0.87581363	-0.46803383					
<i>a</i>	1.6950835	$\Omega$ 231.31499	+0.48038998	-0.82171213					
<i>e</i>	0.4843132	<i>i</i> 8.68538	+0.04664722	-0.32516688					
<i>P</i>	2.21	<i>H</i> 16.5	<i>G</i> 0.15	<i>U</i> 1					
Residuals in seconds of arc									
821115 688 0.1- 0.5+	931217 801 0.2+ 0.2+	940514 816 0.1- 0.8+							
821115 688 0.1+ 1.9+	931217 801 0.1- 0.5-	940601 557 0.1+ 0.4+							
931020 675 0.3- 0.9-	931217 413 0.5+ 0.1-	940601 557 0.4- 0.3+							
931020 675 0.0 0.5-	931218 385 0.2+ 0.4+	940601 557 0.3- 0.2+							
931109 675 1.6+ 0.8-	931218 385 0.3- 0.4+	940601 557 0.4- 0.4+							
931109 675 (1.2+ 3.0+)	940112 104 1.9- 0.0	940606 557 0.0 0.0							
931110 675 1.5- 0.3-	940112 104 0.9- 0.1-	940606 557 0.1- 0.1-							
931110 675 1.2- 1.4+	940112 104 0.4- 0.0	940606 557 0.0 0.0							
931115 675 (2.4- 11.8-)	940112 104 0.7- 0.1+	940606 557 0.0 0.0							
931115 675 (1.6+ 9.8-)	940112 104 1.9- 0.1+	940609 801 0.1+ 0.1-							
931116 675 (1.9+ 7.0-)	940121 413 0.9- 0.3-	940609 801 1.2- 1.6+							
931116 675 (7.5- 5.5-)	940121 413 0.8- 0.5-	940611 675 (0.5+ 2.5-)							
931118 657 0.3+ 0.4-	940122 413 0.9- 0.4-	940612 557 0.0 0.5-							
931118 657 0.5- 0.0	940122 413 0.5- 0.2-	940612 557 0.3+ 0.6-							
931118 657 0.1- 0.0	940129 104 0.3- 0.4+	940612 557 0.2- 0.2-							
931118 402 (1.8+ 6.1+)	940129 104 0.5- 1.0-	940613 557 0.4+ 0.0							
931118 402 0.8- 0.5-	940129 104 1.6- 0.2-	940613 675 1.9+ 1.3-							
931119 557 0.0 0.0	940220 413 0.6- 0.5+	940613 675 (0.3+ 2.6-)							
931119 557 0.1+ 0.3-	940220 413 0.7- 0.8+	940617 413 0.1- 0.1-							
931119 557 0.2+ 0.5-	940220 413 0.5- 0.5+	940617 413 0.0 0.1-							
931119 557 0.4+ 0.1-	940415 474 0.2- 0.8-	940618 413 0.1- 0.0							
931119 670 1.0- 0.4-	940415 474 0.2- 0.3-	940618 413 0.3- 0.0							
931119 670 0.5+ 0.5-	940415 474 0.3- 0.2-	940618 413 0.1- 0.0							
931119 670 0.8+ 0.2+	940420 568 0.5+ 0.1-	940620 413 0.1+ 0.5+							
931119 557 0.1+ 0.2-	940501 413 0.6+ 0.6-	940620 413 0.1- 0.1-							
931119 557 0.0 0.4-	940501 413 0.6+ 0.6-	940725 413 0.6- 0.0							
931119 557 0.0 0.3-	940502 413 0.6+ 0.3+	940725 413 0.3- 0.3+							
931120 557 0.1+ 0.1-	940502 413 0.5+ 0.0	940725 413 0.2- 0.4+							
931123 658 0.2+ 0.4+	940504 675 1.9- 1.4-	950804 608 0.1+ 0.0							
931123 658 0.3+ 0.6+	940504 675 (1.7+ 3.2-)	950804 608 0.1+ 0.8+							
931123 658 0.3+ 0.5+	940504 474 0.2+ 0.3-	950820 658 0.4- 0.5+							
931123 108 (0.0 3.3+)	940504 474 0.0 0.1-	950820 658 0.4- 0.4+							
931123 108 (2.4- 1.1-)	940504 413 1.3+ 0.3+	950820 658 0.5- 0.3+							
931123 108 0.3+ 0.0	940505 474 0.5- 0.9+	950820 658 0.9- 0.3+							
931202 107 0.3+ 1.4+	940505 474 0.0 0.8+	950821 658 0.2- 0.0							
931202 107 0.8+ 0.5+	940507 801 0.2- 0.0	950821 658 1.2+ 0.1-							
931204 107 0.6+ 0.4+	940507 801 0.1- 0.3+	950821 658 0.3- 0.2+							
931204 107 0.5+ 0.1+	940509 801 0.7- 0.1+	950915 658 0.0 0.4+							
931213 801 0.2- 0.3-	940509 801 0.2- 0.1+	950915 658 0.3+ 0.5+							

931213 801 0.3- 0.6-	940510 689 0.7- 0.3+	950915 658 0.1+ 0.5+
931214 675 1.5+ 0.1-	940513 801 0.1+ 0.6+	950920 608 0.1+ 0.2-
931214 675 0.8+ 1.3+	940513 801 0.6- 0.6+	950920 608 0.2+ 0.1-
931216 675 1.2+ 1.3+	940514 816 0.1+ 0.9+	950922 608 0.6+ 0.6+
931216 675 (2.0+ 1.2+)	940514 816 0.4+ 0.9+	950922 608 1.1+ 0.4+

**(6612)\* 1994 EM<sub>1</sub> = 1953 MB = 1977 XZ = 1979 FS<sub>3</sub> = 1991 PR<sub>13</sub>**

Discovered 1994 Mar. 10 by Y. Kushida and O. Muramatsu at the

Yatsugatake South Base Observatory.			Nakano						
Id. S. Nakano ( <i>MPC</i> 23345)									
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Williams						
<i>M</i>	101.39960	(2000.0)	<b>P</b>	<b>Q</b>					
<i>n</i>	0.26142037	$\omega$ 158.52910	-0.52738679	+0.84707499					
<i>a</i>	2.4223846	$\Omega$ 79.58747	-0.78893025	-0.45950394					
<i>e</i>	0.1437730	<i>i</i> 3.83494	-0.31536047	-0.26705821					
<i>P</i>	3.77	<i>H</i> 13.3	<i>G</i> 0.15	<i>U</i> 1					
Residuals in seconds of arc									
530616 078 0.1- 0.9-	940310 896 0.3+ 1.0-	940405 896 (2.6+ 0.8+)							
771207 675 0.1- 0.4-	940311 896 0.5+ 1.7-	940405 896 1.3+ 1.9+							
771208 675 0.3+ 0.2-	940314 905 0.1+ 0.3-	950826 801 0.3- 0.2-							
790331 095 (3.6- 1.0-)	940314 905 0.3+ 1.0-	950826 801 0.1- 0.3-							
910806 675 0.1- 0.2-	940317 905 0.0 1.1-	950828 801 0.2+ 0.2-							
910806 675 0.6- 0.1-	940317 905 0.8- 0.2-	950828 801 0.7+ 0.5-							
910810 675 0.6+ 0.7+	940320 896 1.6- 0.2+	950929 801 0.3- 0.1-							
910810 675 0.2+ 0.1+	940331 896 1.5- 1.3+	950929 801 0.1- 0.4+							
940310 896 1.8+ 0.4-	940331 896 0.7- 2.0+								

**(6613)\* 1994 LK = 1989 TA<sub>1</sub>**

Discovered 1994 June 2 by C. W. Hergenrother at the University of Arizona's

Catalina Station.			Williams						
Id. G. V. Williams ( <i>MPC</i> 23679)									
Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Williams						
<i>M</i>	70.30348	(2000.0)	<b>P</b>	<b>Q</b>					
<i>n</i>	0.17606422	$\omega$ 88.12545	+0.27836939	+0.94913022					
<i>a</i>	3.1527435	$\Omega$ 200.02949	-0.95904793	+0.28302082					
<i>e</i>	0.1803629	<i>i</i> 25.44989	+0.05232171	+0.13802554					
<i>P</i>	5.60	<i>H</i> 11.9	<i>G</i> 0.15	<i>U</i> 1					
Residuals in seconds of arc									
880510 675 0.1+ 0.5-	940706 693 0.3- 0.0	950821 658 0.6- 1.5+							
880510 675 0.1- 0.0	940707 801 0.2- 0.1-	950822 801 0.6+ 0.4-							
890903 675 0.1- 1.2-	940707 801 0.3- 0.1-	950822 801 0.6+ 0.0							
890903 675 0.2- 0.2+	940707 693 1.0+ 0.2-	950826 801 0.2- 0.2-							
891002 675 0.4- 0.3+	940707 693 0.0 0.1+	950826 801 0.4- 1.5-							
891002 675 1.0- 0.1+	940717 816 0.0 0.1-	950828 801 0.5- 1.1-							
891005 675 (1.0+ 2.9-)	940717 816 0.1- 0.6-	950828 801 0.3- 0.7-							
891005 675 1.9+ 1.0-	940717 816 0.1+ 0.6-	950830 608 0.1- 1.3-							
940602 693 0.3+ 0.8+	940717 816 0.1+ 0.3-	950907 608 0.3- 0.1+							
940602 693 1.0- 1.4+	940902 801 0.2+ 0.8+	950907 608 0.5- 0.3+							
940606 693 0.4+ 0.3-	940902 801 0.0 0.5-	950913 608 0.1+ 1.3+							
940606 693 0.6- 0.4+	940907 801 0.1- 0.8+	950913 608 0.1+ 1.4+							
940612 693 0.1+ 0.4+	940907 801 0.0 0.2-	950916 816 0.4+ 0.0							
940612 693 0.6- 0.0	941003 801 0.2+ 0.6+	950916 816 0.2+ 0.1+							
940702 816 0.0 0.8-	950818 816 0.4+ 0.7+	950916 816 0.3+ 0.2-							

940702 816 0.9+ 0.5-	950818 816 0.6+ 0.6+	950929 801 0.2- 0.9-
940702 816 0.3+ 0.3-	950819 816 0.6+ 1.1+	950929 801 0.1+ 0.7-
940705 801 0.2+ 0.1-	950819 816 0.7+ 0.8+	950929 816 0.1- 0.7-
940705 801 0.1+ 0.1-	950821 658 0.4- 1.5+	950929 816 0.3- 0.7-
940706 693 0.5- 0.6+	950821 658 0.5- 1.5+	950929 816 0.2- 0.8-

**(6614)\* 6530 P-L = 1952 QQ = 1993 AH**

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

Id. S. Nakano (*MPC* 21807)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Nakano			
<i>M</i>	312.86814	(2000.0)	<b>P</b>		<b>Q</b>	
<i>n</i>	0.25182835	$\omega$ 228.72811	+0.76053351	-0.64914685		
<i>a</i>	2.4835122	$\Omega$ 171.71513	+0.62105051	+0.72096671		
<i>e</i>	0.1564990	<i>i</i> 5.59202	+0.18943349	+0.24251883		
<i>P</i>	3.91	<i>H</i> 13.2	<i>G</i> 0.15	<i>U</i> 1		

Residuals in seconds of arc

520828 024 (0.5+ 5.9+)	601017 675 0.6- 0.1+	950824 801 0.5- 0.0
520828 024 (3.6+ 5.6+)	601022 675 0.0 0.1+	950824 801 0.5- 0.0
550522 675 0.1- 0.1-	601025 675 0.0 0.6+	950825 801 0.5- 0.1+
550522 675 0.0 0.7-	601026 675 0.7+ 0.3-	950825 801 0.6- 0.1-
600924 675 0.3+ 0.2-	930113 400 0.1- 0.2-	950924 801 0.6+ 0.7+
600926 675 0.2- 0.8-	930113 400 1.0- 0.2+	950928 801 1.2+ 0.2-
600927 675 0.2- 0.4-	930114 400 (4.6+ 0.4+)	950928 801 0.7+ 0.4-
600928 675 0.2+ 0.1+	930114 400 1.0+ 0.6-	

**(6615)\* 9512 P-L = 1991 EW**

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

Id. G. V. Williams (*MPC* 18132)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Williams			
<i>M</i>	127.05760	(2000.0)	<b>P</b>		<b>Q</b>	
<i>n</i>	0.30846419	$\omega$ 80.38469	-0.86699876	+0.49772289		
<i>a</i>	2.1693662	$\Omega$ 129.46059	-0.46859859	-0.79783242		
<i>e</i>	0.1268181	<i>i</i> 1.79534	-0.16949485	-0.34019900		
<i>P</i>	3.20	<i>H</i> 13.7	<i>G</i> 0.15	<i>U</i> 2		

Residuals in seconds of arc

601017 675 0.1+ 0.1-	910317 372 0.6- 0.5-	940208 303 (3.4+ 1.8-)
601022 675 1.0- 1.5-	910317 372 0.2+ 1.7-	940209 303 0.0 0.8+
601024 675 1.0+ 0.6-	910402 372 (2.3- 0.8+)	940210 303 0.7- 0.2-
601026 675 0.4+ 0.3-	910402 372 0.2- 0.7+	940214 801 0.4- 0.9-
910211 675 0.8+ 0.7-	910415 675 1.5- 0.1-	940214 801 0.7- 0.8-
910211 675 0.9+ 0.3-	910415 675 1.8- 0.5+	950825 801 0.0 1.3-
910309 675 0.5+ 1.2-	920926 033 2.0+ 0.9+	950830 801 0.1- 0.5-
910309 675 (0.9- 2.4-)	920926 033 0.5+ 0.2-	950830 801 0.1+ 0.9-
910314 372 (4.7+ 1.5-)	920927 033 0.6+ 0.1-	950928 801 1.4- 0.7-
910314 372 (7.4+ 0.6+)	920928 033 0.3- 0.1-	950928 801 1.0+ 0.8+
910316 372 1.4+ 1.5-	940208 303 0.5- 0.5+	950929 801 0.5- 1.5-
910316 372 0.4- 0.1+	940208 303 0.3+ 0.2+	

**(6616)\* 1175 T-1 = 1969 VJ<sub>3</sub> = 1984 UL<sub>4</sub> = 1991 NP<sub>1</sub>**

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

Id. G. V. Williams (*MPC* 23680)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Williams			
<i>M</i>	324.46645	(2000.0)	<b>P</b>		<b>Q</b>	
<i>n</i>	0.26254037	$\omega$ 214.30769	+0.73524784	-0.67762122		
<i>a</i>	2.4154904	$\Omega$ 188.40338	+0.64321789	+0.70476290		
<i>e</i>	0.1212260	<i>i</i> 6.08648	+0.21373200	+0.21009224		
<i>P</i>	3.75	<i>H</i> 14.4	<i>G</i> 0.15	<i>U</i> 2		

Residuals in seconds of arc

541222 675 0.5- 0.7-	710416 675 (4.3+ 1.4-)	950822 801 0.2+ 1.8-
541222 675 0.2- 1.0-	710416 675 0.3+ 0.9-	950825 801 0.2- 1.1-
550115 675 (3.4- 2.1-)	710513 675 0.8- 0.5+	950825 801 0.0 1.0-
550115 675 0.2- 0.2-	710514 675 1.1- 0.4+	950924 816 0.1+ 0.1+
691115 095 1.4+ 1.0+	710516 675 0.7- 1.0+	950924 816 0.2- 0.0
710324 675 0.0 2.3-	841020 095 1.0- 0.6+	950924 816 0.0 0.1+
710325 675 1.0- 1.0-	910713 675 0.2- 0.4+	950930 816 0.3+ 0.1+
710325 675 0.2- 0.5+	910713 675 0.4+ 0.0	950930 816 0.4+ 0.1+
710326 675 1.7+ 1.2-	940514 691 0.2- 0.9+	950930 816 0.1+ 0.2+
710327 675 0.2- 0.6-	940514 691 0.3- 0.6+	
710402 675 0.5+ 0.8-	950822 801 0.8+ 0.9-	

**(6617)\* 2218 T-1 = 1992 UQ<sub>5</sub>**

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

Id. S. Nakano (*MPC* 21278)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Nakano			
<i>M</i>	6.22057	(2000.0)	<b>P</b>		<b>Q</b>	
<i>n</i>	0.30000348	$\omega$ 281.01970	+0.98160967	+0.18262555		
<i>a</i>	2.2099639	$\Omega$ 68.47609	-0.14334141	+0.89744781		
<i>e</i>	0.1377030	<i>i</i> 3.42594	-0.12607814	+0.40154119		
<i>P</i>	3.29	<i>H</i> 13.9	<i>G</i> 0.15	<i>U</i> 2		

Residuals in seconds of arc

710324 675 1.2- 1.5-	921028 400 0.1+ 0.1+	940402 596 0.6+ 0.8-
710325 675 1.9- 1.0-	921102 400 0.4+ 1.2-	950828 801 0.2- 0.4+
710325 675 0.3+ 0.5-	921102 400 (0.2- 3.5-)	950828 801 0.7- 0.5+
710326 675 0.1- 0.3+	940313 691 0.7- 0.2-	950829 801 0.7- 0.2+
710327 675 1.0- 0.2-	940313 691 0.6- 0.2+	950829 801 0.8- 0.3+
710402 675 2.0+ 1.3-	940313 691 0.7- 0.4+	950928 801 2.0+ 1.8-
921026 408 0.7+ 0.9+	940402 596 0.4+ 0.2-	950928 801 0.6+ 0.8-
921026 408 (0.2+ 2.7-)	940402 596 0.3+ 0.8+	950929 801 0.7+ 1.1-
921028 400 1.4- 0.1+	940402 596 0.7+ 0.2-	950929 801 0.8+ 1.2-

**1978 PV<sub>3</sub> = 1995 QQ<sub>2</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5			Kobayashi			
<i>M</i>	38.62080	(2000.0)	<b>P</b>		<b>Q</b>	
<i>n</i>	0.29099964	$\omega$ 22.57707	+0.53442405	+0.84229484		
<i>a</i>	2.2553178	$\Omega$ 279.79301	-0.78594649	+0.46466915		
<i>e</i>	0.2011619	<i>i</i> 4.08606	-0.31093255	+0.27317026		
<i>P</i>	3.39	<i>H</i> 14.4	<i>G</i> 0.15	<i>U</i> 6		

Residuals in seconds of arc

780809 095 0.2+ 0.1-	950821 400 0.6+ 0.9-	950823 400 0.4+ 1.7+
780831 095 0.1+ 1.0+	950821 400 0.2+ 2.5-	
780905 095 0.7- 0.0	950823 400 0.8- 0.9+	

1978 RA<sub>8</sub> = 1990 WL<sub>7</sub> = 1995 OG<sub>4</sub>

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Kobayashi					
<i>M</i>	312.15252	(2000.0)		<b>P</b>		<b>Q</b>	
<i>n</i>	0.17416173	$\omega$	255.71120	+0.72987109	-0.68342919		
<i>a</i>	3.1756617	$\Omega$	147.39717	+0.63714926	+0.67240680		
<i>e</i>	0.1400870	<i>i</i>	1.55114	+0.24764695	+0.28424221		
<i>P</i>	5.66	<i>H</i>	14.6	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

780902 809	0.8+	1.3-	780910 809	0.3-	0.3-	950722 691	0.2+	0.2+
780902 809	0.1+	0.3-	780910 809	0.5+	1.8+	950722 691	0.2-	0.0
780902 809	0.4-	0.5-	780910 809	0.3-	0.6+	950727 691	0.5+	0.2+
780902 809	0.2-	1.5-	901122 071	0.3-	1.3+	950727 691	0.3+	0.1+
780906 809	0.2+	0.5-	901122 071	0.3+	1.3-	950727 691	0.8-	0.5-
780910 809	0.5-	2.0+	950722 691	0.1-	0.0			

1978 SB<sub>8</sub> = 1977 HP

Id. E. Bowell (*MPC* 10952)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Nakano					
<i>M</i>	357.24237	(2000.0)		<b>P</b>		<b>Q</b>	
<i>n</i>	0.28852281	$\omega$	354.15857	+0.98752700	-0.15561993		
<i>a</i>	2.2682066	$\Omega$	14.85878	+0.14797271	+0.86535841		
<i>e</i>	0.1775131	<i>i</i>	5.35546	+0.05380051	+0.47637933		
<i>P</i>	3.42	<i>H</i>	14.6	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

770424 675	0.3-	0.0	781027 675	0.3+	0.3-	781129 675	0.1-	0.0
770425 675	0.1+	0.3-	781028 675	0.7+	0.3-	950920 399	0.2-	0.0
780926 095	1.2-	2.4+	781029 675	0.6+	0.0	950920 399	0.7+	0.0
781002 095	0.0	0.4-	781101 095	1.9+	0.4-	950921 399	0.0	0.6-
781008 095	2.6-	0.5+	781128 675	0.1+	0.3-	950921 399	0.3+	0.9-

1978 VX<sub>4</sub> = 1992 SN<sub>26</sub>

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Kobayashi					
<i>M</i>	341.68817	(2000.0)		<b>P</b>		<b>Q</b>	
<i>n</i>	0.27695581	$\omega$	269.31227	+0.90664120	+0.41637009		
<i>a</i>	2.3309291	$\Omega$	66.08018	-0.35137453	+0.83452559		
<i>e</i>	0.1466580	<i>i</i>	4.27243	-0.23353302	+0.36083650		
<i>P</i>	3.56	<i>H</i>	15.8	<i>G</i>	0.15	<i>U</i>	5

Residuals in seconds of arc

781105 675	0.1-	0.2-	781129 675	0.6+	0.7-	920925 033	0.1-	0.1+
781106 675	(4.6-	1.3-)	781130 675	0.9-	0.0	920927 033	0.3-	0.3-
781107 675	0.9-	0.4+	781130 675	(5.6+	1.3+)	920928 033	0.0	0.3+
781108 675	1.1+	0.2-	920923 033	0.3+	0.6-			
781129 675	0.2+	0.7+	920925 033	0.1+	0.5+			

1981 EW<sub>2</sub> = 1995 SW

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	69.40202	(2000.0)		<b>P</b>		<b>Q</b>	
<i>n</i>	0.22909962	$\omega$	299.18040	-0.17034228	+0.97452051		
<i>a</i>	2.6451672	$\Omega$	320.15592	-0.80637566	-0.22297155		
<i>e</i>	0.1122102	<i>i</i>	13.16488	-0.56634071	+0.02436129		
<i>P</i>	4.30	<i>H</i>	14.5	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

810202 413	0.5-	1.3-	810310 413	0.6+	0.7-	950922 589	0.9-	1.7+
810214 413	0.0	0.5-	810312 413	0.1-	0.1+	950922 589	1.4+	0.6+

810302 413	1.7-	1.5+	810312 413	(3.5+	0.6-)	950922 589	0.5+	0.7+
810302 413	1.0+	0.4+	810409 413	1.1-	0.5-	950923 589	0.5+	0.2-
810307 413	0.4-	0.9+	810409 413	(3.6+	1.8-)	950923 589	0.3+	0.1-
810307 413	1.2+	0.6-	810430 413	0.6+	0.5-	950923 589	0.9-	0.9-
810310 413	0.3+	0.7+	950922 589	0.6-	0.1-	950923 589	0.3-	1.7-

1981 EF<sub>8</sub> = 1995 SG<sub>1</sub>

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	299.96860	(2000.0)		<b>P</b>		<b>Q</b>	
<i>n</i>	0.17457719	$\omega$	211.69679	+0.40698088	-0.91049700		
<i>a</i>	3.1706214	$\Omega$	214.44467	+0.86279227	+0.40950079		
<i>e</i>	0.1594472	<i>i</i>	7.43842	+0.29992675	+0.05748322		
<i>P</i>	5.65	<i>H</i>	13.5	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

810202 413	0.2+	0.3+	810405 413	1.2-	1.2+	950922 557	0.4-	0.2-
810214 413	0.2+	0.6-	810405 413	1.1+	0.7-	950922 587	0.1+	0.1+
810301 413	0.8-	0.5+	810406 413	0.5-	0.6+	950922 587	0.1+	0.2+
810301 413	0.9+	0.9-	810406 413	1.2+	0.9-	950922 587	0.0	0.4-
810307 413	0.5-	0.7+	810407 413	1.6-	0.8+	950922 557	0.1-	0.2-
810307 413	0.7+	0.1-	810407 413	(1.1+	3.0-)	950922 557	0.1-	0.3-
810311 413	1.6-	1.3+	810412 413	1.2-	0.7+	950924 557	0.1-	0.1+
810311 413	0.3+	0.6-	810412 413	0.4+	0.2-	950924 557	0.1-	0.2+
810315 413	0.4-	0.1+	810430 413	0.6+	1.2-	950925 587	0.4+	0.4+
810315 413	0.6+	0.2+	810502 413	2.1+	0.9-	950925 587	0.0	0.5+

1981 EZ<sub>33</sub>

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams					
<i>M</i>	325.32408	(2000.0)		<b>P</b>		<b>Q</b>	
<i>n</i>	0.17664646	$\omega$	156.43744	+0.51751008	-0.85283973		
<i>a</i>	3.1458119	$\Omega$	262.33162	+0.77347429	+0.50104242		
<i>e</i>	0.1336112	<i>i</i>	4.02856	+0.36595196	+0.14704040		
<i>P</i>	5.58	<i>H</i>	14.0	<i>G</i>	0.15	<i>U</i>	2

Residuals in seconds of arc

780901 675	0.1+	0.8-	810301 413	(4.2+	0.1-)	950926 587	0.3+	0.6+
780902 675	0.3+	0.1-	810307 413	0.1+	2.0+	950926 587	0.5+	1.8+
791220 675	1.5-	1.1-	810311 413	1.7+	0.4+	950928 587	0.4+	0.4-
791220 675	1.3+	0.4+	810315 413	(3.9+	0.5-)	950928 587	0.5-	0.3-
810214 413	0.0	0.4-	810503 413	1.4-	0.8-	950928 587	1.5-	0.3+

1981 VL = 1988 RE<sub>8</sub> = 1995 SZ<sub>2</sub>

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Nakano					
<i>M</i>	342.09403	(2000.0)		<b>P</b>		<b>Q</b>	
<i>n</i>	0.27778108	$\omega$	4.64637	+0.87448476	-0.48429594		
<i>a</i>	2.3263101	$\Omega$	24.37809	+0.44288591	+0.77444128		
<i>e</i>	0.1558250	<i>i</i>	3.76310	+0.19780920	+0.40706037		
<i>P</i>	3.55	<i>H</i>	14.2	<i>G</i>	0.15	<i>U</i>	4

Residuals in seconds of arc

811023 095	1.2+	0.8-	811124 688	0.1-	0.9+	950920 399	0.9+	0.0
811102 688	0.7+	0.2+	811124 095	0.6-	1.1+	950920 399	0.2-	0.1+
811102 688	1.7+	0.4-	811202 688	0.5-	0.7+	950921 399	1.4-	0.5+
811105 688	1.0-	0.4-	811202 688	(4.3+	0.6+)	950921 399	0.0	0.5+
811105 688	1.6-	1.6-	880910 071	1.5+	1.6+			
811124 688	(3.6-	0.2+)	880910 071	1.0-	2.2-			



**1986 ED = 1993 BQ<sub>2</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Urata	
<i>M</i>	197.25174	(2000.0)	
<i>n</i>	0.27078283	$\omega$ 173.05963	-0.78559740 +0.61699007
<i>a</i>	2.3662210	$\Omega$ 45.14733	-0.57078561 -0.69367229
<i>e</i>	0.2009260	<i>i</i> 3.75890	-0.23883156 -0.37167461
<i>P</i>	3.64	<i>H</i> 13.5	<i>G</i> 0.15 <i>U</i> 6

Residuals in seconds of arc

860307 386	2.0-	1.0-	860317 889	(2.8-	0.6+)	930118 400	1.6+	0.6-
860307 386	(0.5-	3.0+)	860317 889	1.1+	0.0	930118 400	1.3-	0.6+
860316 386	0.1-	1.2-	860405 386	0.9-	1.1+	930122 399	0.1+	0.3+
860316 386	0.9+	1.8+	860405 386	0.8+	0.8-	930122 399	0.3-	0.1-

**1988 TJ = 1995 SG<sub>3</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Nakano	
<i>M</i>	338.16813	(2000.0)	
<i>n</i>	0.27814456	$\omega$ 40.18882	+0.82152301 -0.57009724
<i>a</i>	2.3242830	$\Omega$ 354.54318	+0.49433727 +0.72040514
<i>e</i>	0.1413771	<i>i</i> 5.69620	+0.28413132 +0.39497541
<i>P</i>	3.54	<i>H</i> 13.9	<i>G</i> 0.15 <i>U</i> 6

Residuals in seconds of arc

881003 399	0.7+	0.5-	881013 399	0.5-	0.6+	881018 399	1.0+	2.5-
881003 399	0.6-	1.5-	881013 399	2.1-	0.3-	950920 399	1.8-	0.8-
881003 399	1.5+	0.4+	881015 399	0.9-	0.3+	950920 399	0.7-	0.1+
881003 399	2.2+	0.4+	881016 399	1.9+	1.1+	950921 399	0.0	0.1+
881008 399	1.8-	0.5-	881016 399	0.3-	1.8+	950921 399	2.3+	0.9+
881013 399	(5.2-	1.0-)	881018 399	0.7-	0.2+			

**1988 TG<sub>5</sub> = 1978 UV<sub>3</sub> = 1991 NN<sub>6</sub> = 1993 BV<sub>13</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams	
<i>M</i>	26.43415	(2000.0)	
<i>n</i>	0.29275939	$\omega$ 165.22736	+0.93910169 -0.34224369
<i>a</i>	2.2462710	$\Omega$ 214.83572	+0.30953457 +0.88156912
<i>e</i>	0.1562376	<i>i</i> 3.10487	+0.14925268 +0.32512326
<i>P</i>	3.37	<i>H</i> 14.0	<i>G</i> 0.15 <i>U</i> 1

Residuals in seconds of arc

781028 675	0.1-	0.5+	881005 399	1.1-	0.0	910712 809	0.6-	0.2-
781029 675	0.2-	0.4+	881008 399	0.8+	0.3-	910712 809	0.1+	0.4-
880922 399	1.1+	0.4+	910711 809	0.1+	0.2+	930123 809	0.5-	0.5-
880922 399	1.0-	0.8-	910711 809	0.5+	0.4+	930128 809	1.3+	0.8+
881003 399	0.3-	0.3-	910711 809	0.7+	0.3+	930128 809	0.9-	0.6-
881003 399	0.9+	0.1-	910712 809	0.9-	0.2-			

**1990 EM<sub>1</sub> = 1995 QR<sub>2</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams	
<i>M</i>	21.79371	(2000.0)	
<i>n</i>	0.26005486	$\omega$ 92.24883	+0.83168468 +0.54997487
<i>a</i>	2.4308569	$\Omega$ 234.39555	-0.53942574 +0.76772190
<i>e</i>	0.1558976	<i>i</i> 5.38780	-0.13160725 +0.32883237
<i>P</i>	3.79	<i>H</i> 14.5	<i>G</i> 0.15 <i>U</i> 5

Residuals in seconds of arc

900224 809	0.5+	0.4-	950829 587	0.1-	0.2+	950902 587	0.2+	0.1+
900224 809	1.5-	1.3+	950829 587	0.0	0.2+	950904 587	0.5+	0.1-
900224 809	2.4-	0.9+	950830 587	0.1-	0.4+	950904 587	0.4+	0.1-

900302 809	1.8+	0.7-	950830 587	0.1+	0.1+	950915 658	0.5-	0.2-
900302 809	1.2+	0.0	950830 587	0.0	0.3+	950915 658	0.5-	0.2-
900302 809	1.9+	0.6-	950831 608	0.0	0.0	950915 658	0.4-	0.2-
900304 809	0.1-	0.5+	950831 608	0.0	0.0	950915 587	0.3-	0.2-
900304 809	0.9-	0.3+	950831 587	0.2+	0.1-	950915 587	0.1-	0.1-
900304 809	0.4-	0.6-	950831 587	0.2+	0.0	950917 587	0.8-	0.3+
950829 608	0.2+	0.0	950901 587	0.4+	0.0	950917 587	0.3-	0.2+
950829 608	0.5+	0.0	950901 587	0.0	0.0			
950829 587	0.1-	0.2+	950902 587	0.3+	0.1-			

**1990 HH<sub>1</sub> = 1995 SM<sub>2</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Urata	
<i>M</i>	56.55544	(2000.0)	
<i>n</i>	0.22789947	$\omega$ 111.87953	+0.07519388 +0.99483996
<i>a</i>	2.6544457	$\Omega$ 162.02710	-0.97685378 +0.08720747
<i>e</i>	0.1758324	<i>i</i> 12.75241	-0.20025625 -0.05184893
<i>P</i>	4.32	<i>H</i> 12.5	<i>G</i> 0.15 <i>U</i> 4

Residuals in seconds of arc

900426 675	0.0	0.2-	900521 675	0.9+	1.4-	950917 905	0.2-	0.0
900426 675	0.7-	1.4+	900523 675	0.2-	0.6+	950924 905	0.6+	0.2+
900427 675	0.7-	0.6-	900523 675	0.2+	0.1+	950924 905	1.0+	0.1+
900427 675	0.9+	0.3+	950917 905	0.7-	0.4-			
900521 675	0.4-	0.1-	950917 905	0.7-	0.2+			

**1990 QU<sub>7</sub> = 1995 RM**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams	
<i>M</i>	270.00969	(2000.0)	
<i>n</i>	0.19869978	$\omega$ 310.24774	-0.14547439 -0.98911754
<i>a</i>	2.9085137	$\Omega$ 148.09677	+0.91988868 -0.14340880
<i>e</i>	0.1880191	<i>i</i> 2.38507	+0.36420051 -0.03286963
<i>P</i>	4.96	<i>H</i> 13.5	<i>G</i> 0.15 <i>U</i> 7

Residuals in seconds of arc

900816 809	0.3-	0.0	900824 809	1.1+	0.2-	950915 112	1.3-	0.4+
900816 809	0.4-	0.7+	900824 809	0.3+	0.9-	950915 112	2.4+	0.5+
900816 809	0.4-	0.3+	900824 809	0.5+	0.3-	950915 112	0.5-	0.5+
900818 809	0.8+	0.4-	900826 809	0.4-	0.5+	950915 112	0.1-	1.1-
900818 809	0.5+	0.3-	900826 809	0.1+	0.4+	950917 112	0.3-	0.5+
900818 809	0.9-	0.3-	900826 809	0.8-	0.5+	950917 112	0.3-	0.7-

**1990 SC<sub>13</sub> = 1985 RR<sub>5</sub> = 1995 SB<sub>3</sub>**

Id. S. Nakano

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

		Williams	
<i>M</i>	109.78364	(2000.0)	
<i>n</i>	0.19888534	$\omega$ 341.39570	-0.34957876 +0.93677328
<i>a</i>	2.9067044	$\Omega$ 268.14030	-0.85757322 -0.32673542
<i>e</i>	0.0369638	<i>i</i> 0.90737	-0.37731004 -0.12529882
<i>P</i>	4.96	<i>H</i> 12.5	<i>G</i> 0.15 <i>U</i> 8

Residuals in seconds of arc

850915 095	0.3-	0.3-	900923 809	0.1-	0.3-	900929 809	(4.7-	4.1-)
850920 095	0.1+	0.9+	900923 809	(3.8+	0.3-)	900929 809	(4.8-	4.1-)
900922 809	0.6+	0.3-	900923 809	(3.9+	0.3-)	900929 809	(4.8-	4.3-)
900922 809	1.2+	0.1-	900923 809	(4.2+	0.4-)	950920 399	0.3+	0.7+
900922 809	1.5+	0.0	900924 809	0.9-	0.4-	950920 399	(3.0-	0.4-)

900923 809 0.7- 0.0 900924 809 0.7- 0.1- 950921 399 0.1- 0.7-  
 900923 809 0.4- 0.2- 900924 809 0.0 0.1+ 950921 399 0.5- 0.6+

**1990 UT<sub>10</sub> = 1992 CY**Id. S. Nakano (*MPC* 22054)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Nakano	
<i>M</i>	326.84684	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.18987536	$\omega$	269.93336	+0.64369907	-0.76513907
<i>a</i>	2.9979449	$\Omega$	139.98599	+0.71086335	+0.59074515
<i>e</i>	0.1565934	<i>i</i>	1.30278	+0.28341629	+0.25609055
<i>P</i>	5.19	<i>H</i>	12.5	<i>G</i>	0.15
				<i>U</i>	6

Residuals in seconds of arc

901010 400	0.3-	0.7+	901019 399	(3.2-	1.0-)	920207 303	1.6-	0.3-
901010 400	0.7-	0.8+	901022 399	(0.1+	3.6-)	950920 399	0.2-	0.3+
901011 400	1.7+	1.3+	901022 399	1.0-	0.8-	950920 399	0.8-	1.1+
901011 400	0.1+	1.7+	901022 399	0.2+	2.4-	950921 399	0.7+	1.1-
901019 399	0.2-	0.5-	920206 303	1.5+	0.0	950921 399	0.7+	1.3-

**1991 NU<sub>3</sub> = 1995 RE**

Id. G. V. Williams, S. Nakano

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Nakano	
<i>M</i>	341.66349	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.26028114	$\omega$	96.05846	+0.91814096	-0.38456149
<i>a</i>	2.4294479	$\Omega$	286.58934	+0.31255632	+0.85105772
<i>e</i>	0.1784710	<i>i</i>	5.72184	+0.24356872	+0.35750973
<i>P</i>	3.79	<i>H</i>	14.1	<i>G</i>	0.15
				<i>U</i>	5

Residuals in seconds of arc

910706 809	0.8+	0.1+	910710 809	0.2-	0.0	950912 358	0.6+	0.7+
910706 809	0.9+	0.0	950903 358	0.7-	0.7-	950912 358	0.3+	0.5-
910706 809	0.8+	0.2+	950903 358	0.1+	0.1+	950917 358	0.7+	0.1-
910708 809	0.7-	0.2-	950904 358	0.4-	0.3-	950917 358	0.4-	0.4+
910708 809	0.1+	0.1-	950904 358	0.4-	0.1+	950921 399	0.5-	0.6-
910710 809	1.1-	0.2+	950911 358	0.5+	0.6+	950921 399	0.3+	0.5-
910710 809	0.6-	0.0	950911 358	0.0	0.9+			

**1992 AM<sub>3</sub> = 1995 SF<sub>4</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Williams	
<i>M</i>	317.08066	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.21025656	$\omega$	138.12455	+0.28476641	-0.92984587
<i>a</i>	2.8009349	$\Omega$	294.11995	+0.79769734	+0.36465913
<i>e</i>	0.2083796	<i>i</i>	14.79150	+0.53158917	-0.04909570
<i>P</i>	4.69	<i>H</i>	14.0	<i>G</i>	0.15
				<i>U</i>	5

Residuals in seconds of arc

920102 691	0.0	0.1-	920212 809	1.2+	0.0	950928 966	0.0	0.3+
920102 691	0.4+	0.2+	920212 809	0.4+	0.1-	950929 966	0.4-	0.2+
920102 691	0.5+	0.2-	920212 809	0.6-	0.0	950929 966	0.5-	0.1+
920111 303	1.1-	0.2-	950928 966	0.0	0.4-	950929 966	0.2-	0.2-
920112 303	0.6-	0.4+	950928 966	0.1-	0.6-	950929 966	1.1+	0.6+

**1992 EJ<sub>9</sub> = 1990 VK<sub>14</sub> = 1995 SE<sub>5</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Nakano	
<i>M</i>	338.01212	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.17708127	$\omega$	2.11927	+0.77538154	-0.62844192
<i>a</i>	3.1406602	$\Omega$	37.05182	+0.57785938	+0.66650203
<i>e</i>	0.1542554	<i>i</i>	5.90626	+0.25468021	+0.40104338
<i>P</i>	5.57	<i>H</i>	12.3	<i>G</i>	0.15
				<i>U</i>	4

Residuals in seconds of arc

901114 095	0.1+	2.8+	920307 809	0.6+	0.3-	950921 400	0.5-	0.4-
901114 095	0.1-	2.8-	920404 809	0.2-	0.1+	950921 400	1.2+	0.5+
920302 809	0.4+	0.2-	950920 400	0.6-	0.1+			
920305 809	0.8-	0.3+	950920 400	0.1-	0.1-			

**1992 EQ<sub>27</sub> = 1989 SY<sub>9</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Kobayashi	
<i>M</i>	126.23216	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.19715705	$\omega$	130.98248	+0.46678114	+0.88434140
<i>a</i>	2.9236666	$\Omega$	166.83709	-0.82091567	+0.43640987
<i>e</i>	0.0712077	<i>i</i>	1.87722	-0.32895718	+0.16579114
<i>P</i>	5.00	<i>H</i>	13.5	<i>G</i>	0.15
				<i>U</i>	6

Residuals in seconds of arc

890926 809	1.5-	0.2-	890929 809	0.3-	0.5-	920306 691	0.0	0.6-
890926 809	0.9-	0.2-	890929 809	0.0	0.5-	920306 691	0.4-	0.2-
890926 809	0.4-	0.1-	890929 809	0.3+	0.8-	920306 691	0.5-	0.1-
890928 809	0.8+	0.7+	920225 675	0.4+	1.9+	920307 809	0.6+	0.5+
890928 809	0.9+	0.8+	920225 675	0.0	2.0-			
890928 809	1.1+	0.7+	920304 809	0.0	0.5+			

**1992 SS<sub>16</sub> = 1995 OG<sub>3</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Kobayashi	
<i>M</i>	3.87505	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.31175143	$\omega$	134.02929	+0.94911927	+0.31487772
<i>a</i>	2.1540895	$\Omega$	207.61839	-0.29190642	+0.87374522
<i>e</i>	0.0491296	<i>i</i>	0.61349	-0.11816621	+0.37070381
<i>P</i>	3.16	<i>H</i>	16.0	<i>G</i>	0.15
				<i>U</i>	5

Residuals in seconds of arc

920921 033	0.3+	0.6-	920926 033	0.1+	0.1+	950722 691	0.7+	0.1+
920921 033	0.3+	0.2-	920927 033	0.5-	0.0	950727 691	0.2-	0.0
920922 033	0.0	0.1+	920928 033	0.9+	0.5+	950727 691	0.2-	0.1-
920924 033	0.2-	0.2+	950722 691	0.3-	0.3-	950727 691	0.3+	0.2+
920924 033	0.9-	0.2-	950722 691	0.3-	0.0			

**1992 WH<sub>8</sub> = 1976 UA<sub>20</sub> = 1979 SL<sub>5</sub> = 1979 US<sub>2</sub> = 1995 TA**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Williams	
<i>M</i>	36.06116	(2000.0)		<b>P</b>	<b>Q</b>
<i>n</i>	0.30977632	$\omega$	328.88502	+0.87693379	+0.48061064
<i>a</i>	2.1632360	$\Omega$	2.39005	-0.43726587	+0.79847606
<i>e</i>	0.1101418	<i>i</i>	1.00567	-0.19946350	+0.36255951
<i>P</i>	3.18	<i>H</i>	15.0	<i>G</i>	0.15
				<i>U</i>	4

Residuals in seconds of arc

761024 381	1.4+	0.3-	921117 400	1.2+	0.8+	921124 408	2.1+	1.7-
761024 381	1.1-	0.9-	921118 408	2.2-	0.1+	951001 670	0.6-	0.3+
790923 095	1.7-	0.2-	921118 408	1.2-	1.1+	951001 670	0.3-	0.7-

791016 095 2.4+ 0.4- 921118 408 1.1- 0.9+ 951002 670 0.7+ 0.9+  
 921117 400 0.5- 0.6- 921124 408 1.7+ 0.2+ 951002 670 0.4- 0.5+

**1993 FB<sub>23</sub> = 1995 QS<sub>6</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Williams

<i>M</i>	84.33644	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.17050851	$\omega$ 70.70614	+0.12567192	+0.99101504
<i>a</i>	3.2208611	$\Omega$ 206.64115	-0.94423451	+0.10532816
<i>e</i>	0.0885591	<i>i</i> 5.85982	-0.30434810	+0.08243286
<i>P</i>	5.78	<i>H</i> 13.5	<i>G</i> 0.15	<i>U</i> 3

Residuals in seconds of arc

930321 809 0.1- 0.0 930416 413 0.0 0.1- 950827 691 0.1- 0.1-  
 930322 809 0.4+ 0.1- 950822 691 0.0 0.1+ 950827 691 0.1+ 0.1-  
 930326 809 0.5- 0.0 950822 691 0.1- 0.1+ 950827 691 0.0 0.2-  
 930327 809 0.1+ 0.2+ 950822 691 0.2+ 0.3+

**1993 FE<sub>31</sub> = 1995 SD<sub>3</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Nakano

<i>M</i>	82.99749	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.17147455	$\omega$ 92.50545	+0.07099044	+0.99741811
<i>a</i>	3.2087529	$\Omega$ 181.68429	-0.99700359	+0.07061783
<i>e</i>	0.0565916	<i>i</i> 21.63827	-0.03072777	+0.01304727
<i>P</i>	5.75	<i>H</i> 11.5	<i>G</i> 0.15	<i>U</i> 5

Residuals in seconds of arc

930319 809 0.4+ 1.4+ 930325 691 0.9- 0.5- 950920 399 0.4- 0.4-  
 930320 809 1.5+ 0.0 930325 691 0.9- 0.3- 950921 399 0.3- 0.1+  
 930324 809 0.4+ 0.5- 930416 413 0.4+ 0.4+ 950921 399 0.5+ 0.3+  
 930325 691 0.9- 0.6- 950920 399 0.2+ 0.0

**1993 FW<sub>31</sub> = 1995 SU<sub>4</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Nakano

<i>M</i>	21.74378	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.17415022	$\omega$ 305.94434	+0.92148568	+0.37485711
<i>a</i>	3.1758016	$\Omega$ 32.39327	-0.26612391	+0.80008006
<i>e</i>	0.0888162	<i>i</i> 10.94499	-0.28291731	+0.46835248
<i>P</i>	5.66	<i>H</i> 10.9	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

930319 809 0.4+ 0.1- 930418 413 0.2+ 0.1- 950921 400 1.2- 0.2+  
 930320 809 0.1+ 0.3- 950920 400 0.7+ 0.3+ 950921 400 0.6- 1.1-  
 930324 809 0.6- 0.5+ 950920 400 1.2+ 0.6+

**1994 JT**

Id. A. Nakamura (1995 observations)

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Nakano

<i>M</i>	256.08755	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.28629203	$\omega$ 306.87522	-0.43987423	-0.89773842
<i>a</i>	2.2799739	$\Omega$ 169.14226	+0.85918143	-0.42846184
<i>e</i>	0.0522862	<i>i</i> 7.32234	+0.26137700	-0.10240202
<i>P</i>	3.44	<i>H</i> 15.6	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

940508 360 0.3+ 0.4- 940602 360 0.1+ 0.2- 950905 360 0.3+ 0.0  
 940508 360 0.1- 0.5- 940602 360 0.0 0.4+ 950918 360 0.0 0.3-  
 940512 360 0.3+ 0.2+ 940603 360 0.3+ 0.2- 950918 360 0.2+ 0.3-  
 940512 360 0.2+ 0.0 940603 360 0.1- 0.0 950924 360 0.1- 0.2+

940516 360 0.5- 0.5+ 950905 360 0.2- 0.1+ 950924 360 0.1+ 0.1+  
 940516 360 0.5- 0.4+ 950905 360 0.3- 0.2+

**1995 LH**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Williams

<i>M</i>	12.48562	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.22293804	$\omega$ 265.90203	+0.69921450	+0.69869585
<i>a</i>	2.6936837	$\Omega$ 49.68856	-0.55147119	+0.66189890
<i>e</i>	0.4079412	<i>i</i> 11.45233	-0.45494902	+0.27150314
<i>P</i>	4.42	<i>H</i> 14.5	<i>G</i> 0.15	<i>U</i> 3

From 27 observations 1995 June 5-Oct. 1, mean residual 0<sup>o</sup>.59.**1995 MA<sub>1</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Williams

<i>M</i>	350.85206	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.23333806	$\omega$ 265.80796	+0.89437738	+0.10194736
<i>a</i>	2.6130376	$\Omega$ 87.91994	+0.07598361	+0.92490634
<i>e</i>	0.5861609	<i>i</i> 25.83799	-0.44081243	+0.36627175
<i>P</i>	4.22	<i>H</i> 17.5	<i>G</i> 0.15	<i>U</i> 4

From 24 observations 1995 June 29-Sept. 7, mean residual 0<sup>o</sup>.36.**1995 NB**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Marsden

<i>M</i>	349.67757	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.19839574	$\omega$ 257.10001	+0.99280928	-0.07989482
<i>a</i>	2.9114845	$\Omega$ 107.42896	+0.10750291	+0.92264609
<i>e</i>	0.3588693	<i>i</i> 5.36114	-0.05265789	+0.37728108
<i>P</i>	4.97	<i>H</i> 14.0	<i>G</i> 0.15	<i>U</i> 4

From 47 observations 1995 July 7-Sept. 29, mean residual 0<sup>o</sup>.44.**1995 OF**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Williams

<i>M</i>	2.04080	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.28207929	$\omega$ 68.57543	+0.88543652	+0.45258530
<i>a</i>	2.3026181	$\Omega$ 264.38275	-0.45597397	+0.80193417
<i>e</i>	0.1335068	<i>i</i> 6.09585	-0.08994391	+0.38995914
<i>P</i>	3.49	<i>H</i> 16.0	<i>G</i> 0.15	<i>U</i> 4

From 34 observations 1995 July 2-Sept. 26, mean residual 0<sup>o</sup>.78.**1995 PC = 1991 XS<sub>6</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

Williams

<i>M</i>	352.94474	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.17834784	$\omega$ 306.34442	+0.95649263	+0.29173944
<i>a</i>	3.1257733	$\Omega$ 36.69375	-0.26596248	+0.87632113
<i>e</i>	0.2095650	<i>i</i> 0.30230	-0.11994083	+0.38333977
<i>P</i>	5.53	<i>H</i> 15.0	<i>G</i> 0.15	<i>U</i> 4

Residuals in seconds of arc

911214 691 0.6+ 0.1- 950801 104 0.5- 1.0+ 950806 104 (3.6+ 0.1-)  
 911214 691 0.1+ 0.6+ 950802 104 0.3+ 1.1- 950820 104 0.2+ 0.4-  
 911214 691 0.3+ 0.0 950802 104 0.7- 1.0- 950820 104 0.5+ 0.3-  
 911231 691 0.4- 0.2+ 950802 104 0.2- 0.6- 950820 104 1.0+ 0.2-  
 911231 691 0.3- 0.1- 950803 104 1.5+ 0.3- 950926 104 0.6- 0.5-  
 911231 691 0.2- 0.2- 950803 104 0.8+ 0.3- 950926 104 0.0 0.3-  
 950801 104 1.1- 1.4+ 950803 104 0.0 0.5- 950926 104 0.5+ 0.6+

950801 104 1.0- 1.5+ 950806 104 (2.6+ 0.8-)  
 950801 104 0.9- 1.4+ 950806 104 (3.1+ 0.5-)

**1995 QP = 1993 FF<sub>58</sub>**

Id. G. V. Williams, D. W. E. Green

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Williams	
<i>M</i>	350.40562	(2000.0)		<i>P</i>	<i>Q</i>
<i>n</i>	0.21494292	$\omega$	35.51573	+0.91051653	-0.41269633
<i>a</i>	2.7600733	$\Omega$	348.77393	+0.34290311	+0.78792103
<i>e</i>	0.2314742	<i>i</i>	7.47465	+0.23103483	+0.45701443
<i>P</i>	4.59	<i>H</i>	14.0	<i>G</i>	0.15
				<i>U</i>	4

Residuals in seconds of arc

930319 809	0.4+	0.6+	950824 557	0.4+	0.2-	950917 557	0.5-	0.2-
930320 809	0.4+	0.9+	950907 557	0.3-	0.1-	950925 557	0.2-	0.4+
950823 557	0.1+	0.4+	950907 557	0.3+	0.2-	950925 557	0.2-	0.5+
950823 557	0.0	0.4+	950907 557	0.1+	0.0	950925 557	0.1-	0.2+
950824 557	0.2+	0.2-	950917 557	0.4-	0.1+			

**1995 QB<sub>2</sub> = 1955 SQ<sub>1</sub> = 1955 UW = 1985 RX<sub>4</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Nakano	
<i>M</i>	342.48647	(2000.0)		<i>P</i>	<i>Q</i>
<i>n</i>	0.29440819	$\omega$	77.63230	+0.93557607	-0.34925293
<i>a</i>	2.2378766	$\Omega$	302.78812	+0.29507677	+0.85433512
<i>e</i>	0.1834461	<i>i</i>	3.55665	+0.19397712	+0.38488166
<i>P</i>	3.35	<i>H</i>	14.3	<i>G</i>	0.15
				<i>U</i>	4

Residuals in seconds of arc

550919 760	0.3-	0.9+	850912 043	0.0	0.5+	950901 397	0.6-	1.0-
550919 760	0.5+	0.7+	850912 043	0.0	0.2-	950901 397	1.6-	2.0+
551020 760	0.1+	1.1-	950821 400	0.3+	0.9-	950920 400	0.9+	0.1-
551020 760	(2.1- 10.8-)		950821 400	2.1+	0.7-	950920 400	1.3+	0.3+
850910 043	1.2-	0.3-	950823 400	0.8-	1.1+			
850911 043	0.3+	0.3-	950823 400	0.7-	0.7-			

**1995 QG<sub>2</sub> = 1985 YJ<sub>1</sub>**

Id. T. Urata, S. Nakano

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Nakano	
<i>M</i>	80.87369	(2000.0)		<i>P</i>	<i>Q</i>
<i>n</i>	0.27234051	$\omega$	177.18205	-0.29946626	+0.94628357
<i>a</i>	2.3571898	$\Omega$	75.36962	-0.87782188	-0.22319122
<i>e</i>	0.0975790	<i>i</i>	7.23954	-0.37382978	-0.23395105
<i>P</i>	3.62	<i>H</i>	13.1	<i>G</i>	0.15
				<i>U</i>	6

Residuals in seconds of arc

851217 010	1.3-	0.3+	950824 905	0.7-	1.1+	950901 905	0.5+	0.9+
851217 010	0.9+	0.5-	950826 905	0.8-	0.2-	950917 905	0.0	0.3-
851219 010	0.4+	0.1+	950826 905	0.3-	0.5-	950917 905	0.2+	0.1-
950824 905	1.2+	1.6-	950901 905	0.0	0.6+			

**1995 QM<sub>2</sub> = 1989 GB<sub>8</sub> = 1993 BK<sub>6</sub> = 1993 DF<sub>3</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Urata	
<i>M</i>	21.33315	(2000.0)		<i>P</i>	<i>Q</i>
<i>n</i>	0.21375543	$\omega$	215.35890	+0.81372098	+0.57637537
<i>a</i>	2.7702861	$\Omega$	109.27352	-0.51328382	+0.77321279
<i>e</i>	0.0971493	<i>i</i>	4.56710	-0.27275977	+0.26444927
<i>P</i>	4.61	<i>H</i>	13.0	<i>G</i>	0.15
				<i>U</i>	4

Residuals in seconds of arc

890406 033	0.2+	0.8+	930127 010	0.5+	0.8+	950825 905	0.1+	0.8+
890407 033	1.1+	0.1-	930128 010	0.3+	1.1-	950825 905	0.7-	0.7-
890409 033	0.9-	0.2-	930128 010	0.4-	1.1-	950826 905	0.9+	1.9-
890409 033	0.4-	0.4-	930128 010	1.1-	1.0-	950918 905	0.0	0.8+
930127 010	1.5+	1.6+	930222 010	0.1-	0.2+	950918 905	0.1-	0.3+
930127 010	0.7+	0.7+	930223 010	1.5-	0.7-	950918 905	0.1-	0.4+

**1995 QY<sub>2</sub> = 1984 QD<sub>1</sub> = 1991 CF<sub>3</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Williams	
<i>M</i>	341.89884	(2000.0)		<i>P</i>	<i>Q</i>
<i>n</i>	0.17890572	$\omega$	266.30824	+0.55857766	-0.80779751
<i>a</i>	3.1192719	$\Omega$	147.36120	+0.82920570	+0.54936735
<i>e</i>	0.5725092	<i>i</i>	20.43328	-0.02022143	+0.21367895
<i>P</i>	5.51	<i>H</i>	13.5	<i>G</i>	0.15
				<i>U</i>	2

Residuals in seconds of arc

840831 688	0.2+	1.9-	950901 397	0.4-	0.2+	950918 360	0.3+	0.5+
840831 688	0.7+	0.4-	950901 896	0.5-	0.0	950918 360	0.2+	0.4+
840831 688	1.0-	1.8-	950901 896	0.4-	0.1+	950920 608	0.4+	0.2+
910214 675	0.2+	0.4-	950903 413	0.5-	0.3-	950920 608	0.3+	0.2+
910214 675	0.4-	0.3-	950906 413	0.2+	0.0	950921 608	0.1-	0.6+
910216 675	0.5-	0.1+	950906 413	0.2+	0.0	950921 608	0.1-	0.8+
910216 675	1.0+	0.7-	950908 413	0.2+	0.6-	950921 897	0.0	0.1-
950831 413	(1.3- 2.7-)		950908 413	0.2+	0.5-	950921 897	0.2+	0.1+
950831 413	1.0-	1.2-	950908 413	0.1+	0.4-	950928 801	0.7+	0.2-
950901 897	0.2+	0.4-	950908 367	0.1-	0.6-	950928 801	0.6+	0.0
950901 897	0.9-	0.1-	950908 367	0.5+	0.2-	950929 801	2.1+	0.2-
950901 402	0.7+	1.8+	950916 118	0.0	0.0	950929 801	0.6+	0.2-
950901 897	0.6-	0.1+	950916 540	0.1+	0.1-	950930 670	0.8+	0.8+
950901 402	0.4-	0.1+	950916 540	0.0	0.0	950930 670	0.3+	0.0
950901 402	0.7-	0.2+	950916 540	0.1-	0.2+	950930 670	0.5+	0.2+
950901 411	1.0-	0.1-	950916 046	0.1+	0.2+	951001 670	0.2+	0.3+
950901 411	0.7-	0.2-	950916 046	0.0	0.2+	951001 670	0.1+	0.3-
950901 411	0.5-	0.3+	950916 046	0.1-	0.2+	951001 670	0.7+	0.4-
950901 397	1.0-	1.5+	950918 360	0.1+	0.6+			

**1995 QC<sub>3</sub> = 1980 TL<sub>6</sub> = 1980 TZ<sub>6</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5

				Nakano	
<i>M</i>	22.13549	(2000.0)		<i>P</i>	<i>Q</i>
<i>n</i>	0.26274957	$\omega$	344.92084	+0.78808311	+0.61436456
<i>a</i>	2.4142081	$\Omega$	337.03984	-0.55407257	+0.68072475
<i>e</i>	0.3698566	<i>i</i>	5.66202	-0.26819507	+0.39896117
<i>P</i>	3.75	<i>H</i>	14.8	<i>G</i>	0.15
				<i>U</i>	5

Residuals in seconds of arc

801008 095	0.4-	1.1+	950901 411	0.0	0.3-	950920 400	0.0	0.3-
801012 095	0.3+	1.0-	950901 411	0.1-	0.0	950921 400	0.6+	0.5+
950831 411	0.3-	0.5+	950901 411	0.0	0.5-	950921 400	1.0-	0.5+
950831 411	0.3+	0.2+	950920 400	0.5+	0.8-			

**1995 QD<sub>3</sub> = 1980 TW<sub>6</sub> = 1980 TJ<sub>10</sub> = 1989 BF<sub>1</sub> = 1993 CE<sub>1</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Kobayashi

<i>M</i>	318.70449	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.26249016	$\omega$ 110.78746	+0.39563592	-0.91809419
<i>a</i>	2.4157984	$\Omega$ 315.88279	+0.82929079	+0.36834622
<i>e</i>	0.1923342	<i>i</i> 1.97450	+0.39465049	+0.14636979
<i>P</i>	3.75	<i>H</i> 13.8	<i>G</i> 0.15	<i>U</i> 2

Residuals in seconds of arc

801008 095	0.0	0.1+	890128 046	0.1+	0.5-	950901 411	1.3-	0.3+
801015 095	(6.2+ 2.0+)		930213 372	1.8+	1.1-	950901 411	0.2+	0.3+
890126 046	0.6-	0.1+	930213 372	1.5+	0.1-	950901 411	0.0	0.1-
890126 046	0.1+	2.2+	930217 372	1.1-	1.7+	950917 411	0.4-	0.5+
890127 046	0.2-	0.7-	930217 372	1.3-	1.3+	950917 411	0.3+	0.2+
890127 046	0.4-	0.2-	950831 411	1.0+	0.8-			
890128 046	0.9+	1.8-	950831 411	0.2-	0.6+			

**1995 QQ<sub>3</sub> = 1987 RM = 1989 CQ<sub>5</sub> = 1991 RM<sub>23</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Nakano

<i>M</i>	348.21555	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.24130869	$\omega$ 231.73404	+0.99145466	-0.10996924
<i>a</i>	2.5551755	$\Omega$ 134.45607	+0.12719019	+0.93442407
<i>e</i>	0.1513156	<i>i</i> 5.64201	-0.02898824	+0.33876014
<i>P</i>	4.08	<i>H</i> 14.5	<i>G</i> 0.15	<i>U</i> 3

Residuals in seconds of arc

870901 809	0.1-	1.3-	890204 033	0.4+	0.2+	950830 400	0.3-	0.2+
870901 809	0.1-	0.5-	910915 675	0.1+	0.4-	950830 400	1.0-	0.1+
870901 809	0.0	0.0	910915 675	0.1+	0.4+	950903 400	0.1-	0.1+
870901 809	0.6+	1.4+	910917 691	0.4-	0.5+	950903 400	0.6+	0.1+
870902 809	(4.5- 0.6-)		910917 691	0.5-	0.5+	950921 400	1.3+	0.6-
870902 809	(4.5- 0.9-)		910917 691	0.9-	0.3+	950921 400	0.1-	0.4-
870902 809	(3.8- 0.3+)		910917 675	0.6+	0.5-			
890202 033	0.3-	0.1-	910917 675	0.3+	0.0			

**1995 QZ<sub>4</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams

<i>M</i>	62.04562	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.28380965	$\omega$ 329.40551	-0.20910099	+0.97332118
<i>a</i>	2.2932494	$\Omega$ 288.38424	-0.87584332	-0.22936703
<i>e</i>	0.1919827	<i>i</i> 5.71268	-0.43494281	-0.00605331
<i>P</i>	3.47	<i>H</i> 17.0	<i>G</i> 0.15	<i>U</i> 4

From 15 observations 1995 June 5-Sept. 2, mean residual 0".27.

**2664 T-3 = 1995 OP<sub>7</sub>**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Kobayashi

<i>M</i>	282.16580	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.26936005	$\omega$ 83.43281	+0.19656897	-0.98048349
<i>a</i>	2.3745460	$\Omega$ 355.22634	+0.88176000	+0.17836836
<i>e</i>	0.1393208	<i>i</i> 2.46126	+0.42878892	+0.08268531
<i>P</i>	3.66	<i>H</i> 16.2	<i>G</i> 0.15	<i>U</i> 6

Residuals in seconds of arc

771007 675	0.1+	0.1+	771012 675	0.0	0.0	950724 691	0.2+	0.2+
771007 675	(3.5+ 1.6-)		771012 675	0.0	0.1+	950801 691	0.0	0.2-
771011 675	0.4+	0.5+	771012 675	0.8-	1.3-	950801 691	0.0	0.2-
771011 675	0.2-	0.3+	771012 675	0.2-	0.5+	950801 691	0.2+	0.2+
771011 675	0.1+	1.3-	950724 691	0.3-	0.0			
771011 675	0.7+	1.0+	950724 691	0.1-	0.0			

**4195 T-3 = 1994 GG = 1995 SJ**

Epoch 1995 Oct. 10.0 TT = JDT 2450000.5 Williams

<i>M</i>	88.99360	(2000.0)	<b>P</b>	<b>Q</b>
<i>n</i>	0.27169749	$\omega$ 81.35755	-0.07603668	+0.99693481
<i>a</i>	2.3609075	$\Omega$ 184.40891	-0.98286957	-0.07804928
<i>e</i>	0.1059334	<i>i</i> 13.86597	-0.16788639	+0.00541230
<i>P</i>	3.63	<i>H</i> 14.0	<i>G</i> 0.15	<i>U</i> 3

Residuals in seconds of arc

771007 675	0.9+	0.5-	771022 675	0.7+	0.5-	950917 557	0.3-	0.3-
771011 675	0.2+	1.2-	771022 675	1.0-	0.8+	950917 557	0.2-	0.9-
771011 675	1.4+	1.3-	940402 894	(3.0- 0.5+)		950917 557	0.4-	0.1-
771012 675	0.1+	1.1-	940402 894	1.2+	1.3-	950917 557	0.4-	0.2-
771012 675	0.4+	1.3-	940403 675	0.6-	0.8-	950917 557	0.1-	0.4-
771016 675	0.1+	0.0	940403 675	0.8+	0.7-	950919 557	0.5-	0.0
771016 675	1.4-	1.7+	940403 894	1.7-	0.7+	950919 557	0.3-	0.3-
771017 675	0.1-	0.1-	940403 894	(2.7+ 4.1-)		950919 557	0.0	0.3-
771017 675	0.0	0.9-	950912 557	0.5+	0.3+	950928 557	0.6+	0.9+
771021 675	0.9-	0.9+	950912 557	0.9+	0.5+	950928 557	0.6+	1.2+
771021 675	0.0	1.5+	950917 557	0.4-	0.7-			

Object	<i>H</i>	Epoch	<i>M</i>	$\omega$	$\Omega$	<i>i</i>	<i>e</i>	<i>a</i>	Obs.	Opp.	& Arc	rms	Perts	<i>U</i>	Computer	<i>MPC</i>	Object
1934 RB	12.5	951010	93.47535	129.49292	163.66241	5.98901	0.1858746	2.2447864	27	5	1934-1995	0.69	M-v	2	Williams	25646	1934 RB
1936 SO	13.0	951010	285.71413	110.38486	334.77007	23.83040	0.0444855	1.8749556	34	4	1936-1995	0.82	M-v	2	Williams	25646	1936 SO
1968 OH	13.5	951010	27.90831	56.47918	267.46342	11.34277	0.1686087	2.7078176	21	4	1968-1995	0.81	M-v	3	Williams	25646	1968 OH
1973 UC	14.0	951010	14.45323	350.52863	23.86338	7.62694	0.2798438	2.6794851	21	6	1971-1995	0.95	M-v	2	Williams	23534	1973 UC
1975 LT	15.0	951010	29.75577	353.05261	302.68294	3.77632	0.2056449	2.2225702	17	4	1952-1995	0.61	M-v	2	Williams	25646	1975 LT
1975 VN <sub>5</sub>	13.5	951010	352.98794	253.47857	124.88701	7.11282	0.2455295	2.5416615	19	5	1950-1995	0.81	M-v	2	Williams	25536	1975 VN <sub>5</sub>
1977 OX	15.0	951010	6.46337	226.22656	101.20514	16.22184	0.4970402	3.3361355	23	3	1977-1995	0.68	M-v	2	Williams	25635	1977 OX
1977 QY	12.0	951010	33.40864	25.79501	342.29394	12.78646	0.1793901	2.6814417	19	3	1977-1995	0.79	M-v	2	Williams	25646	1977 QY
1978 EU <sub>9</sub>	12.0	951010	137.34464	77.38159	157.22400	2.43482	0.0050473	2.9042875	13	4	1978-1995	0.70	M-v	3	Williams	24116	1978 EU <sub>9</sub>

1979 MY <sub>2</sub>	14.5	951010	130.75347	325.80376	238.97261	4.53885	0.1388272	2.4814002	25	5	1979-1995	0.82	M-v	2	Williams	23535	1979 MY <sub>2</sub>
1980 DL	14.5	951010	252.95866	152.00497	332.21790	3.93533	0.2686640	2.6245901	24	4	1980-1995	0.88	M-v	3	Marsden	25536	1980 DL
1980 VX <sub>2</sub>	13.5	951010	137.89372	287.99814	225.43159	24.90332	0.0634335	2.5409749	24	4	1980-1995	0.82	M-v	2	Williams	25647	1980 VX <sub>2</sub>
1981 EC <sub>8</sub>	14.5	951010	15.14637	99.63925	237.92140	4.13589	0.2265272	2.1997439	36	4	1981-1995	0.80	M-v	2	Williams	25647	1981 EC <sub>8</sub>
1981 EV <sub>19</sub>	14.5	951010	329.11917	216.83311	188.98595	4.40673	0.1438277	3.1601377	27	6	1978-1995	0.96	M-v	1	Williams	25647	1981 EV <sub>19</sub>
1981 EZ <sub>22</sub>	15.0	951010	31.86078	325.38960	355.69325	2.45759	0.1878975	2.2052696	16	4	1972-1995	1.06	M-v	2	Williams	22398	1981 EZ <sub>22</sub>
1981 EQ <sub>24</sub>	15.5	951010	75.69193	77.11894	199.09005	4.41627	0.1722064	2.2123936	36	4	1981-1995	0.77	M-v	2	Williams	25078	1981 EQ <sub>24</sub>
1981 FT	14.0	951010	191.94613	116.81249	60.64330	3.97671	0.0833051	2.1720179	20	5	1978-1995	0.86	M-v	2	Marsden	23788	1981 FT
1981 QA <sub>1</sub>	13.5	951010	227.42058	240.46866	176.93440	7.93228	0.1176765	2.3975936	14	5	1976-1994	0.88	M-v	2	Williams	25635	1981 QA <sub>1</sub>
1981 TJ	13.0	951010	10.90287	126.31880	231.65422	4.33846	0.1062323	2.7936199	25	4	1981-1995	0.97	M-v	2	Williams	25536	1981 TJ
1981 UM <sub>11</sub>	14.5	951010	340.07840	186.13974	185.01075	2.76342	0.1533356	2.3405502	20	3	1981-1995	1.00	M-v	4	Williams	22430	1981 UM <sub>11</sub>
1982 SJ <sub>7</sub>	13.5	951010	20.73897	153.55739	177.32859	6.76689	0.2789256	2.6606027	10	2	1982-1995	0.94	M-v	5	Williams	25636	1982 SJ <sub>7</sub>
1982 VF	13.0	951010	14.51965	308.86661	12.21557	8.65533	0.1059729	2.7387479	16	2	1982-1995	0.86	M-v	4	Marsden	25636	1982 VF
1983 TE <sub>1</sub>	13.0	951010	27.09521	174.42725	210.23065	5.84419	0.1517020	2.4737706	28	5	1979-1995	0.96	M-v	3	Marsden	25647	1983 TE <sub>1</sub>
1985 JG <sub>2</sub>	13.0	951010	206.26885	198.04272	40.30476	4.85859	0.1543781	2.5413179	13	4	1978-1994	0.31	M-v	4	Williams	25637	1985 JG <sub>2</sub>
1985 RP <sub>1</sub>	15.0	951010	23.72598	126.30116	170.57035	5.70351	0.1748101	2.2690515	42	3	1985-1995	0.64	M-v	3	Williams	25537	1985 RP <sub>1</sub>
1986 CC <sub>2</sub>	14.0	951010	348.05986	55.21288	317.37906	9.49706	0.2802297	2.3764925	26	5	1962-1995	0.63	M-v	2	Williams	25648	1986 CC <sub>2</sub>
1986 TR <sub>4</sub>	13.0	951010	20.97862	109.49278	272.16910	4.05455	0.1880224	2.6539159	18	5	1943-1995	0.75	M-v	2	Williams	23536	1986 TR <sub>4</sub>
1986 XJ <sub>5</sub>	14.5	951010	154.59973	294.49732	228.36492	5.71959	0.0677299	2.2189397	22	4	1986-1995	0.75	M-v	2	Marsden	25648	1986 XJ <sub>5</sub>
1987 HM <sub>1</sub>	12.0	951010	104.21713	248.16791	35.59079	11.57929	0.0693975	3.2250948	29	6	1981-1995	0.64	M-v	1	Williams	24581	1987 HM <sub>1</sub>
1987 SH <sub>3</sub>	14.0	951010	313.95706	265.80573	190.02219	24.23221	0.1104182	1.8898935	25	4	1982-1995	0.83	M-v	2	Williams	23788	1987 SH <sub>3</sub>
1987 SM <sub>4</sub>	13.0	951010	346.36794	72.53272	290.12834	8.82534	0.1868424	2.5785986	29	5	1979-1995	0.69	M-v	2	Williams	25648	1987 SM <sub>4</sub>
1987 VB <sub>1</sub>	15.0	951010	341.85402	15.27802	18.16898	5.64752	0.2685548	2.5649395	18	4	1954-1995	0.60	M-v	2	Williams	20501	1987 VB <sub>1</sub>
1987 XC	13.5	951010	22.50569	284.98338	55.54781	16.52023	0.2649428	2.5580966	21	5	1982-1995	1.18	M-v	2	Williams	21971	1987 XC
1988 PO <sub>2</sub>	15.0	951010	11.69100	190.69947	149.84712	5.30450	0.1484548	2.3140519	21	3	1988-1995	0.86	M-v	4	Williams	25637	1988 PO <sub>2</sub>
1988 RK <sub>8</sub>	14.5	951010	350.02980	214.85921	178.80249	2.34351	0.1175557	2.2711612	24	6	1971-1995	0.74	M-v	2	Williams	25648	1988 RK <sub>8</sub>
1988 TC <sub>1</sub>	13.5	951010	332.27370	42.89891	12.44097	4.50769	0.1431587	2.3081786	29	4	1981-1995	0.83	M-v	3	Williams	25648	1988 TC <sub>1</sub>
1988 XZ	13.5	951010	268.56936	220.56891	251.24864	4.67348	0.0540080	2.4050613	36	4	1988-1995	0.75	M-v	2	Williams	22080	1988 XZ
1990 DL	13.5	951010	208.28065	205.43233	338.43781	5.21234	0.0680599	2.2657261	48	5	1954-1995	0.85	M-v	1	Williams	25440	1990 DL
1990 DM <sub>1</sub>	13.5	951010	234.29263	199.45583	314.50819	1.85117	0.1082306	2.2557984	27	4	1973-1995	0.57	M-v	2	Williams	22082	1990 DM <sub>1</sub>
1990 DS <sub>1</sub>	14.0	951010	129.28630	320.37105	265.16832	0.96349	0.1213552	2.3993458	23	4	1979-1995	0.53	M-v	2	Williams	25649	1990 DS <sub>1</sub>
1990 FL	13.5	951010	165.66985	46.36885	162.01543	24.20253	0.1884023	2.3861545	21	3	1990-1995	0.83	M-v	3	Williams	23789	1990 FL
1990 MC	13.0	951010	8.97996	113.48353	194.24136	13.60209	0.3197628	2.8805062	13	3	1989-1995	0.59	M-v	3	Williams	17638	1990 MC
1990 OK <sub>2</sub>	12.5	951010	0.10608	294.10328	81.96182	4.87782	0.1865566	2.7804231	26	6	1956-1995	0.68	M-v	1	Williams	24582	1990 OK <sub>2</sub>
1990 TU	12.5	951010	344.81506	174.96016	209.46334	12.32401	0.1366457	3.0013847	20	4	1985-1995	0.93	M-v	4	Williams	25649	1990 TU
1990 UE <sub>3</sub>	12.0	951010	293.96976	60.12483	30.84312	4.32189	0.2442420	3.1673431	36	7	1953-1995	0.94	M-v	1	Williams	25538	1990 UE <sub>3</sub>
1990 VJ <sub>3</sub>	12.0	951010	327.40550	164.89031	264.78769	8.74089	0.0793231	3.0073082	22	4	1979-1995	0.71	M-v	2	Williams	25649	1990 VJ <sub>3</sub>
1991 AA	11.5	951010	18.55110	323.79968	33.23146	5.39955	0.1330307	3.2082037	34	9	1909-1995	0.86	M-v	1	Williams	23790	1991 AA
1991 AR <sub>1</sub>	12.0	951010	331.41095	31.62129	24.96124	0.79257	0.1944059	3.1370145	21	5	1978-1995	0.85	M-v	1	Williams	22083	1991 AR <sub>1</sub>
1991 CA <sub>3</sub>	13.5	951010	313.56431	105.76296	340.90575	17.58789	0.1006788	1.9250116	18	4	1983-1995	0.90	M-v	2	Williams	25649	1991 CA <sub>3</sub>
1991 EN	10.5	951010	34.37132	3.18089	289.40426	19.64563	0.0258436	5.1203500	16	3	1991-1995	0.61	M-v	3	Williams	25538	1991 EN
1991 LF <sub>1</sub>	14.5	951010	10.08774	268.42006	88.26075	4.53676	0.1723017	2.2709271	16	3	1991-1995	0.70	M-v	3	Williams	21577	1991 LF <sub>1</sub>
1991 NS <sub>2</sub>	13.5	951010	37.28603	97.02295	185.61805	7.67069	0.1712785	2.5512970	16	5	1979-1995	0.90	M-v	4	Williams	25649	1991 NS <sub>2</sub>
1991 PK <sub>15</sub>	14.0	951010	356.26349	19.56245	321.18267	3.89864	0.2311206	2.5828230	28	4	1954-1995	0.65	M-v	2	Williams	25649	1991 PK <sub>15</sub>
1991 RN	13.0	951010	29.33807	348.97165	325.78353	7.19168	0.2514538	2.5362198	36	6	1979-1995	0.70	M-v	4	Williams	25649	1991 RN
1991 RA <sub>1</sub>	14.0	951010	349.09711	49.35685	323.53511	11.81563	0.2050023	2.5494852	15	4	1975-1995	0.75	M-v	3	Williams	25649	1991 RA <sub>1</sub>
1991 RP <sub>1</sub>	13.5	951010	32.20833	337.27242	349.29785	15.19525	0.1281747	2.5396402	24	3	1987-1995	0.70	M-v	4	Williams	25639	1991 RP <sub>1</sub>
1991 TL <sub>1</sub>	13.5	951010	354.85071	240.08334	196.27666	19.87862	0.2798997	2.4202758	26	3	1989-1995	0.85	M-v	3	Williams	22084	1991 TL <sub>1</sub>
1991 TF <sub>4</sub>	13.0	951010	332.63271	22.26338	16.41370	3.21464	0.2139628	2.6357904	31	4	1978-1995	0.82	M-v	2	Williams	25649	1991 TF <sub>4</sub>
1991 VE <sub>1</sub>	12.5	951010	352.93813	110.67396	241.94215	11.94755	0.1367560	2.7259492	20	3	1982-1995	0.67	M-v	3	Williams	25650	1991 VE <sub>1</sub>
1991 VU <sub>4</sub>	14.0	951010	350.61693	252.48551	129.44925	3.77099	0.2309616	2.6206281	13	4	1974-1995	0.50	M-v	2	Williams	25650	1991 VU <sub>4</sub>
1991 XH	13.0	951010	14.16394	238.22405	134.17661	13.88791	0.1625260	2.6106211	15	4	1984-1995	0.59	M-v	3	Williams	25650	1991 XH

1992 EL <sub>1</sub>	11.5	951010	4.05182	334.12443	75.34884	10.76780	0.0828582	2.9946706	21	6	1964-1995	0.87	M-v	2	Williams	22827	1992 EL <sub>1</sub>
1992 EQ <sub>15</sub>	12.0	951010	84.74032	168.85575	176.90109	3.95241	0.1772604	2.8824429	17	7	1955-1994	0.85	M-v	1	Williams	25640	1992 EQ <sub>15</sub>
1992 FF	12.0	951010	254.94940	91.43433	55.23384	1.90642	0.1575119	3.1626652	23	5	1954-1995	1.05	M-v	1	Williams	24567	1992 FF
1992 LC	15.0	951010	316.83351	89.64159	61.96533	17.84269	0.7047440	2.5184167	38	2	1992-1995	0.89	M-v	3	Marsden	25650	1992 LC
1992 SQ	14.5	951010	334.30188	108.96688	269.57068	3.09308	0.1303880	2.1961910	13	3	1976-1995	0.79	M-v	3	Williams	21587	1992 SQ
1992 TB	17.5	951010	132.74464	5.91871	185.72059	28.30775	0.4622533	1.3417905	80	3	1992-1995	0.55	M-v	2	Williams	25650	1992 TB
1992 UH <sub>3</sub>	14.0	951010	309.08805	41.76864	13.02000	5.98701	0.1107683	2.1866425	15	3	1979-1995	0.62	M-v	4	Williams	25650	1992 UH <sub>3</sub>
1992 UX <sub>5</sub>	13.5	951010	239.19230	320.35120	160.31613	5.36543	0.0791959	2.2831329	15	4	1987-1995	0.70	M-v	2	Williams	25650	1992 UX <sub>5</sub>
1992 WZ <sub>5</sub>	13.5	951010	233.28375	185.60548	263.27744	13.99506	0.2240289	2.6180157	13	5	1975-1995	0.75	M-v	2	Williams	21800	1992 WZ <sub>5</sub>
1992 YE	14.0	951010	329.92870	99.46475	300.63632	6.81638	0.1121461	2.2932208	18	4	1953-1995	0.48	M-v	2	Williams	25650	1992 YE
1993 BF <sub>3</sub>	14.0	951010	240.77201	150.14275	332.87616	4.88721	0.1577646	2.5560324	13	5	1955-1995	0.91	M-v	2	Williams	24583	1993 BF <sub>3</sub>
1993 FG <sub>20</sub>	13.5	951010	359.45946	160.65725	231.23804	2.97052	0.2382654	2.5771694	21	5	1962-1995	0.95	M-v	1	Williams	25651	1993 FG <sub>20</sub>
1993 FR <sub>58</sub>	14.0	951010	298.46784	190.79310	237.04926	1.01236	0.0894614	2.8322811	31	3	1986-1995	0.71	M-v	4	Williams	25651	1993 FR <sub>58</sub>
1993 GE	11.0	951010	146.20758	146.35051	57.67284	25.82730	0.2338986	3.1437201	27	5	1953-1995	1.03	M-v	2	Williams	25441	1993 GE
1993 HV <sub>1</sub>	14.5	951010	65.14349	258.74806	34.71238	25.83402	0.1302422	3.1755646	25	3	1993-1995	0.42	M-v	3	Williams	23980	1993 HV <sub>1</sub>
1993 PB	16.5	951010	195.41774	212.22090	316.03259	40.87043	0.6066982	1.4237496	56	2	1993-1995	0.59	M-v	4	Williams	25651	1993 PB
1993 SC	6.0	951010	35.81544	316.76681	354.63604	5.15402	0.1898094	39.6655685	36	3	1993-1995	0.58	M-v	4	Marsden	25651	1993 SC
1994 AE <sub>2</sub>	13.5	951010	93.99465	114.46241	109.79226	9.58951	0.4310817	2.6091014	68	3	1982-1995	0.59	M-v	2	Williams	25651	1994 AE <sub>2</sub>
1994 EH	13.5	951010	59.37147	287.05671	352.22849	28.84428	0.3219850	2.6422368	42	3	1982-1995	0.38	M-v	1	Williams	25651	1994 EH
1994 EE <sub>1</sub>	13.5	951010	16.55963	271.37087	67.76060	4.59114	0.2183943	2.2663953	25	6	1954-1995	0.71	M-v	3	Williams	25083	1994 EE <sub>1</sub>
1994 GR	13.0	951010	117.65828	150.22921	103.26068	5.46280	0.1709704	2.3343424	24	5	1958-1995	0.87	M-v	2	Williams	23791	1994 GR
1994 GH <sub>9</sub>	13.5	951010	150.68502	308.47338	207.71402	11.65810	0.2281948	2.6234936	14	3	1992-1995	0.74	M-v	5	Marsden	23678	1994 GH <sub>9</sub>
1994 HT <sub>1</sub>	14.5	951010	340.72517	150.70638	220.80958	4.01094	0.1699229	2.6103420	56	4	1991-1995	0.65	M-v	2	Williams	25651	1994 HT <sub>1</sub>
1994 JG	12.5	951010	355.87884	151.55270	195.68085	9.46907	0.0869050	3.0012978	26	3	1985-1995	0.53	M-v	4	Williams	25651	1994 JG
1994 JA <sub>1</sub>	12.5	951010	86.73790	86.65663	49.71592	6.22099	0.2138600	2.2018720	18	4	1949-1995	0.54	M-v	2	Williams	25083	1994 JA <sub>1</sub>
1994 JD <sub>1</sub>	14.5	951010	162.68266	86.22057	127.50770	6.06755	0.1385800	2.2272994	17	4	1977-1995	0.71	M-v	2	Williams	23865	1994 JD <sub>1</sub>
1994 LL	13.0	951010	189.21951	19.58855	148.94699	27.18263	0.0622550	2.7000055	21	2	1994-1995	0.69	M-v	4	Williams	23983	1994 LL
1994 LL <sub>1</sub>	12.0	951010	40.97199	200.73002	122.99382	20.18058	0.2906124	2.7248802	19	5	1986-1995	0.88	M-v	2	Williams	25644	1994 LL <sub>1</sub>
1994 NC <sub>1</sub>	12.0	951010	104.48904	96.38804	180.92452	14.69392	0.1519661	2.8950475	14	5	1954-1995	0.84	M-v	1	Williams	24900	1994 NC <sub>1</sub>
1994 TF <sub>2</sub>	19.0	951010	228.87511	349.60874	175.34064	23.75566	0.2837531	0.9932256	50	2	1994-1995	0.78	M-v	4	Marsden	25651	1994 TF <sub>2</sub>
1995 FG	23.0	951010	61.65669	36.62555	185.09565	1.95901	0.3724322	1.8490202	21	1	56 days	0.44	M-v	5	Williams	25341	1995 FG
1995 KA <sub>1</sub>	14.5	951010	3.26009	111.88447	185.94946	19.84730	0.2316847	2.3740838	46	2	1988-1995	0.65	M-v	3	Williams	25534	1995 KA <sub>1</sub>
1995 LE	17.5	951010	15.73867	75.19121	257.67304	4.14838	0.5716352	2.5827064	81	1	117 days	0.59	M-v	4	Williams	25652	1995 LE
1995 LG	18.5	951010	40.05731	160.07229	276.48527	43.49245	0.7910395	1.0636178	89	1	34 days	0.62	M-v	6	Marsden	25539	1995 LG
1995 LK	14.0	951010	15.97542	20.07504	301.75753	25.97934	0.2180399	2.3174447	18	1	114 days	0.52	M-v	4	Williams	25644	1995 LK
1995 MX	14.0	951010	344.68201	142.98240	190.26540	16.98098	0.2726110	2.8003554	24	3	1972-1995	0.59	M-v	2	Williams	25644	1995 MX
1995 OO	17.0	951010	77.41866	211.19803	349.63708	24.00603	0.7792924	2.1511147	18	1	64 days	0.37	M-v	6	Marsden	25644	1995 OO
1995 OZ	15.5	951010	137.83511	12.25585	191.43678	4.88665	0.0752192	2.3146008	50	2	1960-1995	0.56	M-v	4	Marsden	25644	1995 OZ
2645 P-L	14.0	951010	127.59021	123.43843	105.15746	2.19363	0.0717707	2.1676390	27	4	1960-1995	0.84	M-v	2	Williams	25652	2645 P-L
1213 T-1	14.0	951010	3.45114	165.66076	209.38998	4.78655	0.2137471	2.4120063	20	5	1971-1995	0.69	M-v	2	Williams	21600	1213 T-1
1017 T-3	13.0	951010	10.46940	26.62294	284.62826	7.74594	0.1389375	2.7795819	28	4	1977-1995	0.90	M-v	3	Williams	25652	1017 T-3
3045 T-3	11.5	951010	59.21877	303.83241	33.09751	14.60612	0.0874489	3.2529069	31	5	1957-1995	0.70	M-v	2	Williams	25443	3045 T-3

EPHEMERIDES

1995 MA<sub>1</sub>

$a, e, i = 2.61, 0.59, 26$

Elements MPC 25731

Date	TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\epsilon$	$\phi$	$V$	1995 11 19	20 10.29	-45 40.3	1.115	1.081	61.5	53.5	19.9
									1995 11 29	21 08.18	-43 17.0	1.091	1.090	63.1	53.8	19.8
									1995 12 09	22 03.91	-38 59.0	1.078	1.113	65.1	53.4	19.9
1995 09 30		16 32.07	-37 08.9	1.235	1.242	66.5	47.7	20.2	1995 12 19	22 54.71	-33 02.9	1.082	1.148	67.3	52.2	19.9
1995 10 10		17 02.48	-40 20.0	1.223	1.187	63.7	48.9	20.1	1995 12 29	23 39.73	-26 01.2	1.109	1.195	69.4	50.4	20.0
1995 10 20		17 39.32	-43 07.1	1.202	1.142	61.8	50.2	20.1	1996 01 08	00 19.38	-18 32.6	1.159	1.251	70.9	48.0	20.1
1995 10 30		18 23.29	-45 12.3	1.175	1.108	60.8	51.5	20.0	1996 01 18	00 54.62	-11 11.2	1.235	1.314	71.6	45.3	20.3
1995 11 09		19 14.19	-46 12.1	1.145	1.088	60.7	52.6	19.9	1996 01 28	01 26.53	-04 20.6	1.333	1.382	71.4	42.5	20.5

1996 02 07	01 55.95	+01 46.5	1.450	1.453	70.3	39.7	20.7
1996 02 17	02 23.55	+07 06.6	1.584	1.528	68.4	37.0	20.9

**1995 QY<sub>2</sub>**

*a, e, i = 3.12, 0.57, 20*

Elements *MPC* 25732

Date	TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	<i>r</i>	$\epsilon$	$\phi$	<i>V</i>
1995 09 30	21 16.98	-24 57.2	0.994	1.786	127.1	26.6	15.9	
1995 10 10	21 18.51	-27 03.1	1.023	1.722	116.9	31.1	16.1	
1995 10 20	21 24.77	-28 33.3	1.058	1.661	107.9	34.8	16.2	
1995 10 30	21 35.68	-29 28.5	1.095	1.602	100.1	37.6	16.2	
1995 11 09	21 50.89	-29 49.7	1.131	1.546	93.4	39.8	16.3	
1995 11 19	22 09.86	-29 37.8	1.164	1.496	87.6	41.3	16.3	
1995 11 29	22 32.08	-28 52.5	1.194	1.450	82.8	42.4	16.3	
1995 12 09	22 57.00	-27 33.8	1.219	1.411	78.8	43.2	16.3	
1995 12 19	23 24.08	-25 41.6	1.241	1.379	75.6	43.7	16.4	
1995 12 29	23 52.87	-23 16.4	1.261	1.355	73.1	44.0	16.4	
1996 01 08	00 22.94	-20 20.1	1.281	1.339	71.1	44.0	16.4	
1996 01 18	00 53.95	-16 56.0	1.304	1.334	69.7	43.8	16.4	
1996 01 28	01 25.62	-13 09.3	1.331	1.337	68.7	43.3	16.4	
1996 02 07	01 57.73	-09 07.6	1.365	1.350	67.9	42.6	16.5	
1996 02 17	02 30.07	-04 59.6	1.410	1.372	67.1	41.6	16.6	
1996 02 27	03 02.50	-00 54.9	1.467	1.402	66.4	40.3	16.7	
1996 03 08	03 34.85	+02 57.1	1.536	1.440	65.4	38.8	16.8	
1996 03 18	04 06.95	+06 28.5	1.618	1.484	64.1	37.1	16.9	
1996 03 28	04 38.64	+09 33.8	1.713	1.534	62.5	35.3	17.0	

**1995 QN<sub>3</sub>**

*a, e, i = 3.31, 0.65, 15*

Elements *MPC* 25715

Date	TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	<i>r</i>	$\epsilon$	$\phi$	<i>V</i>
1995 09 30	22 28.08	-02 09.1	1.278	2.207	150.7	12.8	20.2	
1995 10 10	22 27.02	-03 57.3	1.425	2.285	140.4	16.2	20.6	
1995 10 20	22 28.57	-05 14.7	1.590	2.362	130.6	18.7	21.0	
1995 10 30	22 32.41	-06 04.3	1.770	2.438	121.3	20.4	21.4	
1995 11 09	22 38.17	-06 30.1	1.962	2.514	112.5	21.4	21.7	

**1995 SD<sub>1</sub>**

*a, e, i = 2.71, 0.56, 9*

Elements *MPC* 25715

Date	TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	<i>r</i>	$\epsilon$	$\phi$	<i>V</i>
1995 09 30	00 02.49	-06 33.3	0.203	1.202	169.5	8.8	18.2	
1995 10 10	00 38.92	-11 26.2	0.214	1.204	161.4	15.3	18.6	
1995 10 20	01 11.72	-14 25.0	0.240	1.217	154.7	20.5	19.1	
1995 10 30	01 38.65	-15 21.6	0.278	1.241	149.7	23.8	19.5	
1995 11 09	02 00.17	-14 40.6	0.327	1.274	145.9	25.9	20.0	
1995 11 19	02 17.63	-12 53.7	0.387	1.316	142.5	27.2	20.5	
1995 11 29	02 32.67	-10 25.9	0.458	1.366	139.0	28.3	21.0	
1995 12 09	02 46.64	-07 36.8	0.541	1.421	135.2	29.2	21.5	

**1995 SA<sub>4</sub>**

*a, e, i = 2.51, 0.58, 3*

Elements *MPC* 25715

Date	TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	<i>r</i>	$\epsilon$	$\phi$	<i>V</i>
1995 09 30	02 16.02	+12 45.4	0.134	1.120	150.4	26.2	19.3	
1995 10 10	02 26.61	+10 36.3	0.181	1.169	158.2	18.5	19.8	
1995 10 20	02 28.63	+09 12.9	0.235	1.226	167.3	10.3	20.1	
1995 10 30	02 27.49	+08 25.6	0.299	1.291	174.1	4.6	20.4	
1995 11 09	02 26.36	+08 09.8	0.375	1.361	169.0	8.0	21.2	

**1992 JB**

*a, e, i = 1.56, 0.36, 16*

Elements *MPC* 25650

Date	TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	<i>r</i>	$\epsilon$	$\phi$	<i>V</i>
1995 09 30	07 04.45	+14 34.8	1.236	1.461	80.8	42.6	20.7	
1995 10 10	07 34.47	+11 20.4	1.125	1.408	82.9	44.7	20.5	
1995 10 20	08 05.66	+07 21.4	1.023	1.355	84.3	47.0	20.3	
1995 10 30	08 38.25	+02 36.2	0.932	1.302	85.1	49.4	20.1	
1995 11 09	09 12.63	-02 52.4	0.855	1.250	84.9	52.1	19.9	
1995 11 19	09 49.31	-08 56.1	0.793	1.199	83.9	55.0	19.7	
1995 11 29	10 28.84	-15 18.0	0.746	1.151	82.0	58.1	19.6	
1995 12 09	11 11.80	-21 33.3	0.715	1.107	79.5	61.0	19.5	
1995 12 19	11 58.58	-27 12.9	0.698	1.069	76.8	63.7	19.4	
1995 12 29	12 48.99	-31 48.5	0.694	1.037	74.1	65.8	19.4	
1996 01 08	13 42.05	-34 58.8	0.698	1.014	71.9	67.2	19.4	
1996 01 18	14 35.98	-36 34.4	0.709	1.000	70.3	67.8	19.4	
1996 01 28	15 28.45	-36 37.8	0.724	0.997	69.5	67.7	19.5	
1996 02 07	16 17.48	-35 20.9	0.740	1.004	69.5	66.9	19.5	
1996 02 17	17 01.86	-33 00.4	0.756	1.022	70.3	65.5	19.6	
1996 02 27	17 41.05	-29 53.4	0.768	1.049	72.0	63.9	19.6	
1996 03 08	18 15.11	-26 14.1	0.778	1.084	74.4	61.9	19.6	
1996 03 18	18 44.33	-22 14.1	0.782	1.125	77.5	59.8	19.7	
1996 03 28	19 08.97	-18 01.6	0.782	1.171	81.3	57.4	19.7	
1996 04 07	19 29.25	-13 42.6	0.777	1.220	85.7	54.9	19.7	
1996 04 17	19 45.27	-09 21.7	0.767	1.271	90.8	52.1	19.7	
1996 04 27	19 56.88	-05 03.0	0.753	1.324	96.5	49.0	19.6	
1996 05 07	20 03.92	-00 51.1	0.737	1.377	103.0	45.6	19.6	
1996 05 17	20 06.06	+03 08.0	0.721	1.430	110.1	41.6	19.5	
1996 05 27	20 03.00	+06 45.3	0.708	1.482	117.8	37.2	19.4	
1996 06 06	19 54.77	+09 48.4	0.700	1.533	125.8	32.5	19.3	
1996 06 16	19 41.95	+12 03.0	0.701	1.583	133.6	27.7	19.3	
1996 06 26	19 25.98	+13 15.9	0.715	1.631	140.0	23.6	19.2	
1996 07 06	19 09.12	+13 22.1	0.744	1.677	143.9	20.9	19.3	
1996 07 16	18 53.71	+12 27.5	0.791	1.721	144.1	20.3	19.5	
1996 07 26	18 41.64	+10 46.8	0.854	1.762	140.9	21.3	19.7	
1996 08 05	18 33.86	+08 39.0	0.933	1.802	135.4	23.3	20.0	
1996 08 15	18 30.49	+06 20.6	1.026	1.839	128.9	25.4	20.3	
1996 08 25	18 31.22	+04 03.4	1.131	1.874	122.0	27.2	20.7	
1996 09 04	18 35.48	+01 55.5	1.246	1.907	115.2	28.6	20.9	

**122P/de Vico**

Elements *MPC* 25715

Date	TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	<i>r</i>	$\epsilon$	$\phi$	<i>m</i> <sub>1</sub>
1995 09 30	09 58.24	+10 43.5	1.030	0.671	38.5	68.5	5.8	
1995 10 05	10 30.47	+16 45.0	0.986	0.659	38.8	71.8	5.7	
1995 10 10	11 09.69	+22 26.9	0.964	0.664	39.5	73.1	5.6	
1995 10 15	11 54.95	+27 06.2	0.967	0.685	40.8	72.0	5.8	
1995 10 20	12 43.24	+30 09.7	0.997	0.719	42.3	68.8	6.1	
1995 10 25	13 30.37	+31 30.8	1.051	0.765	43.8	64.2	6.4	
1995 10 30	14 12.97	+31 28.7	1.124	0.820	45.1	59.0	6.9	
1995 11 04	14 49.55	+30 32.7	1.210	0.881	45.9	53.9	7.4	
1995 11 09	15 20.21	+29 08.3	1.305	0.947	46.2	49.1	7.8	
1995 11 14	15 45.81	+27 33.3	1.406	1.015	46.2	44.7	8.3	
1995 11 19	16 07.32	+25 58.2	1.509	1.086	45.9	40.8	8.8	
1995 11 24	16 25.64	+24 28.5	1.612	1.158	45.4	37.4	9.2	
1995 11 29	16 41.44	+23 06.9	1.714	1.230	44.9	34.4	9.6	



1995 12 04	16 55.27	+21 54.4	1.813	1.303	44.2	31.8	9.9	1996 01 18	08 49.73	+17 59.9	32.955	33.915	167.3	0.4	23.3
1995 12 09	17 07.51	+20 50.9	1.909	1.376	43.6	29.6	10.3	1996 01 28	08 48.73	+18 04.3	32.928	33.912	177.7	0.1	23.3
1995 12 14	17 18.48	+19 56.3	2.001	1.448	43.1	27.7	10.6	1996 02 07	08 47.72	+18 08.6	32.933	33.909	171.9	0.2	23.3
1995 12 19	17 28.39	+19 10.1	2.088	1.520	42.8	26.1	10.9	1996 02 17	08 46.74	+18 12.8	32.968	33.906	161.5	0.5	23.4
1995 12 24	17 37.41	+18 31.7	2.170	1.592	42.6	24.7	11.2	1996 02 27	08 45.83	+18 16.7	33.032	33.904	151.2	0.8	23.4
1995 12 29	17 45.66	+18 00.6	2.247	1.663	42.7	23.6	11.5	1996 03 08	08 45.02	+18 20.1	33.124	33.901	141.0	1.1	23.4
1996 01 03	17 53.23	+17 36.2	2.318	1.734	43.0	22.7	11.7	1996 03 18	08 44.36	+18 23.0	33.238	33.898	130.9	1.3	23.5
1996 01 08	18 00.18	+17 18.0	2.384	1.804	43.6	22.1	11.9	1996 03 28	08 43.85	+18 25.3	33.373	33.895	120.8	1.4	23.5
1996 01 13	18 06.58	+17 05.5	2.444	1.873	44.4	21.6	12.2	1996 04 07	08 43.52	+18 26.8	33.523	33.892	110.9	1.6	23.5
1996 01 18	18 12.46	+16 58.4	2.498	1.942	45.6	21.2	12.4	1996 04 17	08 43.39	+18 27.6	33.683	33.889	101.0	1.7	23.5
1996 01 23	18 17.83	+16 56.2	2.546	2.009	47.1	21.0	12.6	1996 04 27	08 43.46	+18 27.6	33.849	33.886	91.3	1.7	23.6
1996 01 28	18 22.73	+16 58.7	2.589	2.077	48.8	20.9	12.7	1996 05 07	08 43.73	+18 26.9	34.015	33.883	81.7	1.7	23.6
1996 02 02	18 27.14	+17 05.4	2.626	2.143	50.8	20.9	12.9	1996 05 17	08 44.19	+18 25.4	34.178	33.881	72.1	1.6	23.6
1996 02 07	18 31.08	+17 16.0	2.657	2.209	53.0	20.9	13.1	1996 05 27	08 44.83	+18 23.2	34.331	33.878	62.6	1.5	23.6
1996 02 12	18 34.54	+17 30.3	2.684	2.275	55.5	20.9	13.2								
1996 02 17	18 37.53	+17 48.0	2.705	2.340	58.2	21.0	13.4								
1996 02 22	18 40.01	+18 08.8	2.721	2.404	61.1	21.1	13.5								
1996 02 27	18 41.98	+18 32.5	2.733	2.467	64.2	21.2	13.6								
1996 03 03	18 43.41	+18 58.5	2.740	2.530	67.4	21.2	13.7								
1996 03 08	18 44.29	+19 26.7	2.744	2.593	70.8	21.2	13.8								

## C/1995 Q1 (Bradfield)

Date TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\epsilon$	$\phi$	$m_1$	Elements MPC 25714
1995 09 30	11 10.64	+20 56.7	1.545	0.835	29.5	36.2	8.7	
1995 10 05	11 10.22	+24 07.3	1.520	0.927	36.3	39.7	9.1	
1995 10 10	11 09.90	+27 23.3	1.487	1.018	43.0	42.0	9.4	
1995 10 15	11 09.51	+30 49.5	1.448	1.109	49.8	43.4	9.8	
1995 10 20	11 08.86	+34 30.2	1.406	1.198	56.8	44.1	10.0	
1995 10 25	11 07.70	+38 29.7	1.362	1.285	63.9	44.0	10.3	
1995 10 30	11 05.68	+42 51.3	1.319	1.372	71.2	43.3	10.5	
1995 11 04	11 02.29	+47 37.4	1.280	1.457	78.7	41.9	10.7	
1995 11 09	10 56.73	+52 48.3	1.246	1.540	86.3	39.9	10.9	
1995 11 14	10 47.62	+58 21.4	1.220	1.622	93.9	37.5	11.0	
1995 11 19	10 32.35	+64 09.3	1.206	1.703	101.4	34.7	11.2	
1995 11 24	10 05.55	+69 56.9	1.205	1.783	108.4	31.7	11.4	
1995 11 29	09 15.6	+75 13.9	1.220	1.861	114.6	28.8	11.6	
1995 12 04	07 42.0	+78 57.9	1.252	1.938	119.6	26.2	11.9	
1995 12 09	05 30.4	+79 33.7	1.300	2.014	123.1	24.2	12.1	
1995 12 14	03 48.8	+77 04.3	1.364	2.090	124.9	22.7	12.4	
1995 12 19	02 53.9	+73 17.3	1.444	2.164	125.0	21.9	12.6	

1995 DA<sub>2</sub>

Date TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\epsilon$	$\phi$	$V$	Elements MPC 25184
1995 10 10	08 52.33	+17 45.3	34.343	33.944	65.7	1.5	23.6	
1995 10 20	08 52.91	+17 43.3	34.177	33.941	75.5	1.6	23.6	
1995 10 30	08 53.30	+17 42.2	34.005	33.938	85.3	1.7	23.6	
1995 11 09	08 53.49	+17 41.8	33.829	33.935	95.3	1.7	23.6	
1995 11 19	08 53.48	+17 42.3	33.657	33.932	105.4	1.6	23.5	
1995 11 29	08 53.26	+17 43.6	33.493	33.930	115.5	1.5	23.5	
1995 12 09	08 52.85	+17 45.7	33.341	33.927	125.8	1.3	23.5	
1995 12 19	08 52.27	+17 48.5	33.208	33.924	136.1	1.2	23.5	
1995 12 29	08 51.53	+17 51.9	33.097	33.921	146.5	0.9	23.4	
1996 01 08	08 50.67	+17 55.7	33.012	33.918	156.9	0.7	23.4	

1995 DB<sub>2</sub>

Date TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\epsilon$	$\phi$	$V$	Elements MPC 25031
1995 10 10	08 53.79	+17 33.2	40.982	40.575	65.3	1.3	23.3	
1995 10 20	08 54.27	+17 31.4	40.820	40.575	75.1	1.4	23.3	
1995 10 30	08 54.58	+17 30.3	40.650	40.575	85.0	1.4	23.3	
1995 11 09	08 54.73	+17 29.9	40.477	40.575	95.0	1.4	23.3	
1995 11 19	08 54.71	+17 30.2	40.307	40.575	105.0	1.3	23.3	
1995 11 29	08 54.52	+17 31.2	40.145	40.575	115.2	1.3	23.3	
1995 12 09	08 54.17	+17 32.9	39.996	40.575	125.4	1.1	23.2	
1995 12 19	08 53.67	+17 35.1	39.865	40.575	135.7	1.0	23.2	
1995 12 29	08 53.05	+17 37.8	39.756	40.575	146.1	0.8	23.2	
1996 01 08	08 52.32	+17 41.0	39.672	40.575	156.4	0.6	23.2	
1996 01 18	08 51.52	+17 44.4	39.617	40.575	166.8	0.3	23.1	
1996 01 28	08 50.68	+17 48.0	39.592	40.575	177.2	0.1	23.1	
1996 02 07	08 49.82	+17 51.6	39.598	40.575	172.4	0.2	23.1	
1996 02 17	08 48.99	+17 55.0	39.634	40.575	162.1	0.4	23.1	
1996 02 27	08 48.22	+17 58.3	39.700	40.575	151.8	0.7	23.2	
1996 03 08	08 47.53	+18 01.1	39.792	40.575	141.6	0.9	23.2	
1996 03 18	08 46.95	+18 03.6	39.909	40.575	131.5	1.1	23.2	
1996 03 28	08 46.50	+18 05.5	40.045	40.576	121.5	1.2	23.3	
1996 04 07	08 46.21	+18 06.8	40.197	40.576	111.6	1.3	23.3	
1996 04 17	08 46.07	+18 07.5	40.360	40.576	101.7	1.4	23.3	
1996 04 27	08 46.10	+18 07.5	40.528	40.576	92.0	1.4	23.3	
1996 05 07	08 46.30	+18 06.9	40.698	40.576	82.3	1.4	23.3	
1996 05 17	08 46.66	+18 05.6	40.864	40.576	72.8	1.4	23.3	
1996 05 27	08 47.17	+18 03.8	41.021	40.576	63.3	1.3	23.3	

1995 BL<sub>2</sub>

Date TT	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	Variation		$V$	Elements MPC 25539
1995 10 10	11 41.69	+61 04.3	0.478	0.942	+15.08	-15.9	18.2	
1995 10 20	11 35.93	+66 01.9	0.508	1.031	+15.33	+12.5	18.1	
1995 10 30	11 26.3	+70 45.3	0.528	1.118	+15.97	+33.9	18.1	
1995 11 09	11 01.1	+75 47.3	0.541	1.200	+16.73	+54.1	18.1	
1995 11 19	09 43.0	+80 43.7	0.552	1.278	+10.80	+75.4	18.0	
1995 11 29	06 24.9	+82 03.8	0.568	1.350	-23.46	+60.3	18.0	
1995 12 09	04 08.4	+76 46.7	0.597	1.418	-20.94	+13.6	18.1	
1995 12 19	03 28.21	+69 12.3	0.643	1.480	-12.47	-4.4	18.2	
1995 12 29	03 19.57	+61 39.1	0.709	1.537	-8.09	-9.0	18.5	







Table with columns: Year, Station, Day, Time, Value 1, Value 2, Value 3, Value 4, Value 5, Value 6, Value 7, Value 8, Value 9, Value 10, Value 11, Value 12, Value 13, Value 14, Value 15, Value 16, Value 17, Value 18, Value 19, Value 20. Rows list stations from 1992 DT6 to 1990 QS2.





