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Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N	Obs.	2000 RN77	2012 07 30.01335	23 12 00.20	-04 10 08.4	17.5 R	K	160
1991 TB ₂	2012 07 30.96779		12 01 26.23	-06 13 12.0	19.6 V	32	807	2000 SB ₁	2012 07 28.30529	22 06 33.36	+16 56 05.3	19.1 R		H45
1991 TB ₂	2012 07 30.97101		12 01 27.30	-06 13 18.9	19.6 V	32	807	2000 SB ₁	2012 07 28.30649	22 06 33.31	+16 56 06.0	19.1 R		H45
1991 TB ₂	2012 07 30.97379		12 01 28.23	-06 13 24.4	19.1 V	32	807	2000 SB ₁	2012 07 28.30777	22 06 33.24	+16 56 07.0	19.0 R		H45
1995 QD ₁₆	2012 07 28.47426		20 38 28.354	-11 44 44.14	20.2 g		F51	2000 SB ₁	2012 07 28.30916	22 06 33.21	+16 56 08.1	19.1 R		H45
1995 QD ₁₆	2012 07 28.48521		20 38 27.663	-11 44 44.22	20.1 g		F51	2000 SB ₁	2012 07 28.31074	22 06 33.16	+16 56 08.9	19.0 R		H45
1995 SB ₅₂	2012 07 28.43085		20 39 33.916	-22 46 12.68	19.8 i		F51	2000 SN ₃₀₂	2012 07 28.47426	20 39 11.413	-13 08 24.12	19.4 g		F51
1995 SB ₅₂	2012 07 28.44178		20 39 33.186	-22 46 15.02	19.9 i		F51	2000 SN ₃₀₂	2012 07 28.48521	20 39 10.775	-13 08 23.67	19.4 g		F51
1995 WY ₄₀	2012 07 28.60662		23 43 06.991	-12 08 19.49	19.8 z		F51	2000 SN ₃₀₂	2012 07 29.48467	20 38 16.154	-13 07 51.44	18.6 i		F51
1995 WY ₄₀	2012 07 28.61818		23 43 07.281	-12 08 21.70	19.8 z		F51	2000 SN ₃₀₂	2012 07 29.49606	20 38 15.496	-13 07 51.03	18.4 i		F51
1997 ES ₁₂	2012 07 29.48335		21 03 10.736	-12 13 41.01	20.1 i		F51	2000 UL ₁₇	2012 07 29.47796	21 08 08.864	-14 30 07.44	20.1 i		F51
1997 ES ₁₂	2012 07 29.49473		21 03 10.006	-12 13 42.42	20.1 i		F51	2000 UL ₁₇	2012 07 29.48935	21 08 08.251	-14 30 11.31	20.1 i		F51
1997 TF ₁₁	2012 07 28.47426		20 41 09.201	-11 55 29.68	20.4 g		F51	2000 UD ₂₂	2012 07 28.43517	21 10 20.100	-25 23 24.26	19.2 i		F51
1997 TF ₁₁	2012 07 28.48521		20 41 08.570	-11 55 32.29	20.0 g		F51	2000 UD ₂₂	2012 07 28.43583	21 10 20.063	-25 23 24.45	19.3 i		F51
1997 TF ₁₁	2012 07 29.48467		20 40 13.769	-11 59 58.47	19.1 i		F51	2000 UD ₂₂	2012 07 28.44614	21 10 19.491	-25 23 28.93	19.1 i		F51
1997 TF ₁₁	2012 07 29.49606		20 40 13.112	-12 00 01.52	18.9 i		F51	2000 UD ₂₂	2012 07 28.44679	21 10 19.456	-25 23 29.24	19.2 i		F51
1997 TW ₁₂	2012 07 28.253270		21 26 32.98	-22 40 55.7	20.1 V	K	H21	2000 UV ₄₄	2012 07 28.43164	20 54 12.414	-26 23 05.52	19.6 i		F51
1997 TW ₁₂	2012 07 28.256361		21 26 32.79	-22 40 56.3	20.5 V	K	H21	2000 UV ₄₄	2012 07 28.44258	20 54 11.739	-26 23 08.73	19.5 i		F51
1997 TW ₁₂	2012 07 28.259839		21 26 32.61	-22 40 57.9	20.6 V	K	H21	2000 UT ₆₂	2012 07 28.47627	21 15 14.706	-12 23 42.81	19.7 g		F51
1997 TW ₁₂	2012 07 28.263503		21 26 32.45	-22 40 58.9	20.6 V	K	H21	2000 UT ₆₂	2012 07 28.48722	21 15 14.096	-12 23 43.78	19.8 g		F51
1997 TW ₁₂	2012 07 29.268988		21 25 38.61	-22 45 10.7	20.0 V	K	H21	2000 UT ₆₂	2012 07 29.48258	21 14 20.413	-12 25 17.87	19.0 i		F51
1997 TW ₁₂	2012 07 29.275228		21 25 38.28	-22 45 12.1	20.3 V	K	H21	2000 VQ ₅₆	2012 07 29.49396	21 14 19.763	-12 25 18.94	18.8 i		F51
1997 TW ₁₂	2012 07 29.281659		21 25 37.95	-22 45 13.6	20.3 V	K	H21	2000 VQ ₅₆	2012 07 28.47563	20 58 31.708	-11 13 00.07	20.2 g		F51
1997 TW ₁₂	2012 07 29.287570		21 25 37.60	-22 45 15.1	20.2 V	K	H21	2000 VQ ₅₆	2012 07 28.48659	20 58 31.053	-11 13 00.97	20.2 g		F51
1998 KC ₁₁	2012 07 29.47532		20 29 02.816	-14 00 21.11	19.7 i		F51	2000 VQ ₅₆	2012 07 29.48335	20 57 33.634	-11 14 25.65	19.4 i		F51
1998 KC ₁₁	2012 07 29.48671		20 29 02.184	-14 00 27.08	19.7 i		F51	2000 VQ ₅₆	2012 07 29.49473	20 57 32.946	-11 14 26.65	19.3 i		F51
1998 QC ₁	2012 07 31.26849		23 26 00.50	+03 41 22.9	20.2 V	32	807	2000 WV ₁₁₅	2012 07 29.56670	22 14 05.789	+00 46 21.30	20.2 z		F51
1998 QC ₁	2012 07 31.27268		23 26 00.73	+03 41 30.5	20.0 V	32	807	2000 WV ₁₁₅	2012 07 29.56967	22 14 05.653	+00 46 21.63	20.4 z		F51
1998 QC ₁	2012 07 31.28110		23 26 01.19	+03 41 45.6	20.3 V	32	807	2000 WV ₁₁₅	2012 07 29.57263	22 14 05.537	+00 46 21.67	20.4 z		F51
1998 QC ₁	2012 07 31.28530		23 26 01.42	+03 41 53.0	19.9 V	32	807	2000 WV ₁₁₅	2012 07 29.57559	22 14 05.419	+00 46 22.02	20.5 z		F51
1998 SV ₄	2012 07 30.07372		02 31 14.41	+58 14 57.0	K		204	2000 WB ₁₅₆	2012 07 29.57854	22 14 05.312	+00 46 21.96	20.4 z		F51
1998 SV ₄	2012 07 30.08426		02 31 12.72	+58 14 56.0	19.4 R	K	204	2000 WB ₁₅₆	2012 07 30.05418	20 49 36.68	+07 17 01.5	18.6 V		D03
1998 YQ ₃₁	2012 07 28.48007		21 15 33.305	-17 13 16.57	20.4 g		F51	2000 YK ₉₀	2012 07 30.07910	20 49 35.15	-07 16 57.4	18.5 V		D03
1998 YQ ₃₁	2012 07 28.49102		21 15 32.691	-17 13 20.44	20.4 g		F51	2000 YK ₉₀	2012 07 28.48261	20 37 00.390	-15 07 12.47	20.6 g		F51
1998 YQ ₃₁	2012 07 29.47928		21 14 40.273	-17 19 10.52	19.8 i		F51	2000 YK ₉₀	2012 07 28.49354	20 36 59.743	-15 07 14.08	20.5 g		F51
1998 YQ ₃₁	2012 07 29.49066		21 14 39.626	-17 19 14.36	19.8 i		F51	2001 DT ₁₀₅	2012 07 29.48401	20 44 32.479	-11 20 53.69	20.0 i		F51
1999 P _{J1}	2012 07 27.03284		22 44 04.86	-21 33 52.9	17.6 R	K	204	2001 DT ₁₀₅	2012 07 29.49539	20 44 31.807	-11 20 57.35	19.7 i		F51
1999 P _{J1}	2012 07 27.03823		22 44 04.11	-21 33 40.9	K		204	2001 FV ₆₀	2012 07 29.48335	21 03 13.271	-11 13 44.53	19.5 i		F51
1999 P _{J1}	2012 07 27.04360		22 44 03.36	-21 33 28.7	K		204	2001 FV ₆₀	2012 07 29.49473	21 03 12.580	-11 13 49.59	19.3 i		F51
1999 RP ₈₁	2012 07 28.46061		21 18 26.667	-22 21 44.24	19.0 i		F51	2001 KX ₆₇	2012 07 28.30133	18 44 33.250	+16 30 56.35	17.7 i		F51
1999 RP ₈₁	2012 07 28.47120		21 18 25.990	-22 21 44.07	18.9 i		F51	2001 KX ₆₇	2012 07 28.31232	18 44 32.529	+16 31 06.02	17.7 i		F51
1999 RE ₁₂₅	2012 07 28.98374		23 30 57.41	-03 31 14.3	18.5 R		106	2001 KX ₆₇	2012 07 28.41510	18 44 25.740	+16 32 35.56	17.9 r		F51
1999 RE ₁₂₅	2012 07 28.99687		23 30 57.49	-03 31 10.8	18.5 R		106	2001 KX ₆₇	2012 07 28.42493	18 44 25.102	+16 32 43.94	18.0 r		F51
1999 RE ₁₂₅	2012 07 29.00985		23 30 57.46	-03 31 06.7	18.2 R		106	2001 MR ₃	2012 07 31.28528	23 55 31.09	+10 39 56.8	20.4 V	32	807
1999 RE ₁₂₅	2012 07 29.02282		23 30 57.49	-03 31 03.1	18.1 R		106	2001 MR ₃	2012 07 31.29812	23 55 31.28	+10 39 58.9	20.0 V	32	807
1999 RD ₂₀₂	2012 07 30.05418		20 46 23.77	-07 16 13.1	18.3 V		D03	2001 OY ₁₁	2012 07 28.51604	20 26 56.366	+17 35 01.77	20.1 g		F51
1999 RD ₂₀₂	2012 07 30.06244		20 46 23.36	-07 16 12.1	18.6 V		D03	2001 OY ₁₁	2012 07 28.52646	20 26 55.834	+17 35 03.55	20.0 g		F51
1999 RD ₂₀₂	2012 07 30.07080		20 46 22.92	-07 16 11.2	18.4 V		D03	2001 OF ₂₉	2012 07 28.43242	20 43 09.590	-29 18 35.25	19.1 i		F51
1999 TH ₅₉	2012 07 29.48258		21 13 46.639	-12 27 47.72	20.5 i		F51	2001 OF ₂₉	2012 07 28.44337	20 43 08.991	-29 18 43.73	18.9 i		F51
1999 TH ₅₉	2012 07 29.49396		21 13 46.023	-12 27 49.50	20.3 i		F51	2001 OK ₁₁₃	2012 07 28.43085	20 42 27.222	-25 36 36.93	18.8 i		F51
1999 VF ₁₈	2012 07 28.45995		21 29 47.102	-23 18 21.41	19.7 i		F51	2001 OK ₁₁₃	2012 07 28.44178	20 42 26.666	-25 36 40.38	18.8 i		F51
1999 VF ₁₈	2012 07 28.47054		21 29 46.543	-23 18 23.92	19.7 i		F51	2001 PL ₅₁	2012 07 28.43085	20 40 16.019	-24 58 21.88	19.7 i		F51
1999 VD ₄₁	2012 07 28.43164		20 47 14.932	-25 53 35.64	20.7 i		F51	2001 PL ₅₁	2012 07 28.44178	20 40 15.225	-24 58 20.58	19.7 i		F51
1999 VD ₄₁	2012 07 28.44258		20 47 14.308	-25 53 37.64	20.5 i		F51	2001 QO ₆	2012 07 28.45073	20 29 16.719	-21 10 21.93	19.2 i		F51
1999 VK ₇₉	2012 07 29.48401		20 55 33.564	-12 42 55.40	20.0 i		F51	2001 QO ₆	2012 07 28.46132	20 29 16.000	-21 10 22.50	19.1 i		F51
1999 VK ₇₉	2012 07 29.49539		20 55 32.957	-12 42 57.76	20.0 i		F51	2001 QG ₂₆	2012 07 28.47690	21 16 37.447	-13 29 12.40	20.5 g		F51
1999 VZ ₁₀₆	2012 07 28.43714		21 24 16.353	-28 34 00.78	20.1 i		F51	2001 QG ₂₆	2012 07 28.48786	21 16 36.896	-13 29 15.65	20.1 g		F51
1999 VZ ₁₀₆	2012 07 28.44811		21 24 15.673	-28 34 05.										

2001 QB ₁₄₆	2012 07 28.49165	21 05 07.070	-14 03 18.81	20.6 g	F51	2001 TV ₂₅₃	2012 07 29.49000	21 16 32.271	-14 50 35.96	20.3 i	F51
2001 QB ₁₄₆	2012 07 29.47796	21 04 17.680	-14 06 55.62	19.9 i	F51	2001 UK ₆	2012 07 29.36687	20 18 58.54	-21 45 59.0	19.1 R	H15
2001 QB ₁₄₆	2012 07 29.48935	21 04 17.059	-14 06 58.05	19.8 i	F51	2001 UK ₆	2012 07 29.38186	20 18 57.60	-21 46 04.1	19.2 R	H15
2001 QW ₁₄₈	2012 07 28.43085	20 41 12.724	-23 10 07.15	18.6 i	F51	2001 UK ₆	2012 07 29.39702	20 18 56.74	-21 46 08.0	19.1 R	H15
2001 QW ₁₄₈	2012 07 28.44178	20 41 12.041	-23 10 09.40	18.5 i	F51	2001 UK ₆	2012 07 29.41422	20 18 55.62	-21 46 15.0	19.1 R	H15
2001 QW ₁₈₇	2012 07 28.36433	19 22 57.257	-14 53 01.25	18.9 i	F51	2001 UC ₅₉	2012 07 29.43459	19 38 42.613	+14 05 13.54	18.6 i	F51
2001 QW ₁₈₇	2012 07 28.37545	19 22 56.660	-14 53 00.27	18.9 i	F51	2001 UC ₅₉	2012 07 29.45705	19 38 41.902	+14 05 05.28	18.5 r	F51
2001 QW ₁₈₇	2012 07 28.38672	19 22 56.069	-14 52 58.75	19.0 r	F51	2001 UC ₅₉	2012 07 29.46724	19 38 41.584	+14 05 01.53	18.5 r	F51
2001 QJ ₂₂₇	2012 07 28.45798	21 24 03.942	-18 02 50.34	19.5 i	F51	2001 UR ₁₃₄	2012 07 28.43085	20 49 09.776	-23 32 38.95	18.9 i	F51
2001 QJ ₂₂₇	2012 07 28.46857	21 24 03.348	-18 02 49.87	19.4 i	F51	2001 UR ₁₃₄	2012 07 28.43451	20 49 09.578	-23 32 39.97	18.9 i	F51
2001 QP ₂₇₂	2012 07 28.36920	20 16 20.237	-16 25 27.01	19.3 i	F51	2001 UR ₁₃₄	2012 07 28.44178	20 49 09.153	-23 32 41.62	18.8 i	F51
2001 QP ₂₇₂	2012 07 28.38029	20 16 19.634	-16 25 34.91	19.2 i	F51	2001 UR ₁₃₄	2012 07 28.44548	20 49 08.940	-23 32 42.47	19.0 i	F51
2001 QP ₂₇₂	2012 07 28.39093	20 16 19.049	-16 25 42.57	19.2 r	F51	2001 UQ ₁₆₁	2012 07 28.36433	19 18 30.455	-14 25 52.04	19.2 i	F51
2001 QP ₂₇₂	2012 07 28.40079	20 16 18.514	-16 25 49.66	19.3 r	F51	2001 UQ ₁₆₁	2012 07 28.37545	19 18 29.844	-14 25 52.75	19.2 i	F51
2001 QW ₂₇₂	2012 07 28.46061	21 22 10.626	-24 24 14.31	18.7 i	F51	2001 UQ ₁₆₁	2012 07 28.39658	19 18 28.674	-14 25 54.43	19.4 r	F51
2001 QW ₂₇₂	2012 07 28.47120	21 22 10.120	-24 24 17.03	18.7 i	F51	2001 UK ₁₈₈	2012 07 28.47563	21 01 21.887	-12 10 35.70	20.5 g	F51
2001 RU	2012 07 29.03384	19 40 05.19	+14 45 58.3	19.4 R	C27	2001 UK ₁₈₈	2012 07 28.48659	21 01 21.272	-12 10 38.91	20.4 g	F51
2001 RU	2012 07 29.05440	19 40 04.17	+14 46 02.22	17.7 R	C27	2001 UK ₁₈₈	2012 07 29.48335	21 00 28.639	-12 15 36.02	19.5 i	F51
2001 RU	2012 07 29.43531	19 39 45.854	+14 47 13.11	18.4 i	F51	2001 UK ₁₈₈	2012 07 29.49473	21 00 28.000	-12 15 39.39	19.4 i	F51
2001 RU	2012 07 29.44637	19 39 45.293	+14 47 15.10	18.5 i	F51	2001 UV ₂₂₅	2012 07 28.43164	20 51 59.942	-27 17 18.53	20.1 i	F51
2001 RU	2012 07 29.45776	19 39 44.715	+14 47 17.04	18.5 r	F51	2001 UV ₂₂₅	2012 07 28.44258	20 51 59.271	-27 17 22.65	20.2 i	F51
2001 RH ₃	2012 07 28.47754	21 21 24.754	-11 06 30.73	19.8 g	F51	2001 VV ₈₇	2012 07 28.45139	20 28 20.929	-17 37 20.33	19.0 i	F51
2001 RH ₃	2012 07 28.48849	21 21 24.084	-11 06 29.61	19.9 g	F51	2001 VV ₈₇	2012 07 28.46197	20 28 20.310	-17 37 25.95	19.0 i	F51
2001 RB ₁₀	2012 07 28.31924	21 51 24.78	+30 25 59.5	19.4	704	2001 VV ₈₇	2012 07 28.47229	20 28 19.689	-17 37 31.32	19.8 i	F51
2001 RB ₁₀	2012 07 28.33065	21 51 24.30	+30 26 05.2	19.7	704	2001 VV ₈₇	2012 07 28.48324	20 28 19.038	-17 37 36.96	19.6 g	F51
2001 RB ₁₀	2012 07 28.35317	21 51 23.46	+30 26 17.6	19.3	704	2001 VV ₈₇	2012 07 29.47461	20 27 22.110	-17 46 16.93	19.4 i	F51
2001 RB ₁₀	2012 07 28.36434	21 51 23.00	+30 26 23.1	19.3	704	2001 VV ₈₇	2012 07 29.48599	20 27 21.424	-17 46 22.84	19.2 i	F51
2001 RO ₃₀	2012 07 28.37082	20 14 59.307	-12 02 22.93	18.5 i	F51	2001 VR ₉₄	2012 07 30.80810	01 40 52.75	+13 58 14.7	21.0 V	E12
2001 RO ₃₀	2012 07 28.38181	20 14 58.785	-12 02 28.33	18.3 i	F51	2001 VR ₉₄	2012 07 30.81177	01 40 53.04	+13 58 12.6	19.7 V	E12
2001 RO ₃₀	2012 07 28.39215	20 14 58.294	-12 02 33.36	18.6 r	F51	2001 VR ₉₄	2012 07 30.81549	01 40 53.18	+13 58 14.9	20.1 V	E12
2001 RO ₃₀	2012 07 28.40200	20 14 57.824	-12 02 38.28	18.8 r	F51	2001 VR ₉₄	2012 07 30.81921	01 40 53.54	+13 58 13.9	20.6 V	E12
2001 RR ₃₆	2012 07 28.43242	20 42 02.664	-29 07 29.26	20.0 i	F51	2001 VF ₁₂₄	2012 07 28.43019	20 28 48.819	-23 55 07.16	20.4 i	F51
2001 RR ₃₆	2012 07 28.44337	20 42 01.787	-29 07 29.26	19.7 i	F51	2001 WN ₁	2012 07 28.44113	20 28 48.132	-23 55 09.93	20.4 i	F51
2001 RP ₃₉	2012 07 28.45798	21 25 11.417	-19 00 03.37	19.8 i	F51	2001 WN ₁	2012 07 23.89865	19 38 47.64	+33 57 14.2	18.5 R K	A24
2001 RP ₃₉	2012 07 28.45864	21 25 11.358	-19 00 03.18	19.8 i	F51	2001 WN ₁	2012 07 23.91514	19 38 46.07	+33 58 00.2	18.8 R K	A24
2001 RP ₃₉	2012 07 28.46857	21 25 10.515	-19 00 00.54	19.8 i	F51	2001 WN ₁	2012 07 23.93246	19 38 44.49	+33 58 47.8	19.2 R K	A24
2001 RP ₃₉	2012 07 28.46923	21 25 10.454	-19 00 00.28	19.7 i	F51	2001 WN ₁	2012 07 23.94703	19 38 43.09	+33 59 28.1	18.9 R K	A24
2001 RK ₆₅	2012 07 29.47598	20 39 37.240	-17 27 12.28	19.3 i	F51	2001 WN ₁	2012 07 23.94846	19 38 42.95	+33 59 32.9	18.8 R K	A24
2001 RK ₆₅	2012 07 29.48737	20 39 36.484	-17 27 12.86	19.4 i	F51	2001 XE ₁₀₅	2012 07 28.38129	01 59 01.13	+30 16 44.5	18.9	704
2001 RB ₉₇	2012 07 28.36920	20 17 34.601	-15 34 25.69	19.0 i	F51	2001 XE ₁₀₅	2012 07 28.39254	01 59 02.39	+30 16 52.2	19.5	704
2001 RB ₉₇	2012 07 28.38029	20 17 34.007	-15 34 28.59	19.2 i	F51	2001 XE ₁₀₅	2012 07 28.42653	01 59 06.21	+30 17 20.7	19.2	704
2001 RB ₉₇	2012 07 28.39093	20 17 33.428	-15 34 31.30	19.2 r	F51	2001 XW ₂₁₀	2012 07 29.48467	20 40 19.720	-12 29 45.47	19.9 i	F51
2001 RB ₉₇	2012 07 28.40079	20 17 32.898	-15 34 33.96	19.4 r	F51	2001 XW ₂₁₀	2012 07 29.49606	20 40 19.069	-12 29 48.58	20.0 i	F51
2001 RX ₁₁₂	2012 07 28.45535	21 02 17.338	-16 40 51.69	19.9 i	F51	2001 XO ₂₃₂	2012 07 28.43386	21 06 31.810	-27 10 24.13	19.1 i	F51
2001 RX ₁₁₂	2012 07 28.46593	21 02 16.770	-16 40 53.65	20.0 i	F51	2001 XO ₂₃₂	2012 07 28.44482	21 06 31.169	-27 10 27.81	19.1 i	F51
2001 RU ₁₁₅	2012 07 28.47944	21 29 29.328	-16 56 00.81	20.4 g	F51	2001 YC ₅₁	2012 07 28.60770	23 54 52.017	-10 46 46.64	19.9 z	F51
2001 RU ₁₁₅	2012 07 28.49038	21 29 28.766	-16 56 04.58	20.4 g	F51	2001 YC ₅₁	2012 07 28.61929	23 54 52.209	-10 46 48.57	19.8 z	F51
2001 RU ₁₁₅	2012 07 29.47994	21 28 40.119	-17 01 46.38	19.6 i	F51	2001 YM ₇₁	2012 07 28.37007	20 22 35.664	-14 11 38.34	18.9 i	F51
2001 RU ₁₁₅	2012 07 29.49131	21 28 39.510	-17 01 50.11	19.4 i	F51	2001 YM ₇₁	2012 07 28.38107	20 22 34.946	-14 11 37.11	18.8 i	F51
2001 RX ₁₃₇	2012 07 29.47796	21 08 23.256	-14 07 49.76	19.8 i	F51	2001 YM ₇₁	2012 07 28.39154	20 22 34.280	-14 11 35.97	19.2 r	F51
2001 RX ₁₃₇	2012 07 29.48935	21 08 22.745	-14 07 52.65	20.0 i	F51	2001 YM ₇₁	2012 07 28.40139	20 22 33.618	-14 11 35.38	19.4 r	F51
2001 RE ₁₄₁	2012 07 30.68531	23 45 51.30	-23 41 40.9	19.4 V	E12	2001 YJ ₉₇	2012 07 28.45864	21 32 11.349	-17 47 59.52	19.0 i	F51
2001 RE ₁₄₁	2012 07 30.69594	23 45 51.12	-23 41 43.1	19.1 V	E12	2001 YJ ₉₇	2012 07 28.46923	21 32 10.848	-17 48 03.48	18.9 i	F51
2001 RE ₁₄₁	2012 07 30.71310	23 45 50.90	-23 41 46.1	19.6 V	E12	2002 AK ₁₇₄	2012 07 28.45271	20 48 45.574	-19 39 56.68	20.1 i	F51
2001 RZ ₁₅₂	2012 07 28.47296	20 30 27.900	-14 07 20.40	19.4 g	F51	2002 AK ₁₇₄	2012 07 28.46329	20 48 44.857	-19 39 55.73	20.0 i	F51
2001 RZ ₁₅₂	2012 07 28.48390	20 30 27.337	-14 07 27.68	19.3 g	F51	2002 CC ₉₃	2012 07 28.45535	21 01 05.505	-18 13 04.06	20.2 i	F51
2001 RZ ₁₅₂	2012 07 29.47532	20 29 38.337	-14 18 29.84	18.7 i	F51	2002 CC ₉₃	2012 07 28.46593	21 01 04.924	-18 13 07.00	20.1 i	F51
2001 RZ ₁₅₂	2012 07 29.48671	20 29 37.757	-14 18 37.18	18.5 i	F51	2002 CP ₁₄₃	2012 07 28.47229	20 32 17.530	-16 23 02.53	19.7 g	F51
2001 SC ₇	2012 07 28.45205	20 38 08.161	-21 05 14.10	19.0 i	F51	2002 CP ₁₄₃	2012 07 28.48261	20 32 17.025	-16 23 02.20	19.6 g	F51
2001 SC ₇	2012 07 28.46263	20 38 07.538	-21 05 15.84	19.0 i	F51	2002 CP ₁₄₃	2012 07 28.48324	20 32 16.989	-16 23 02.06	19.6 g	F51
2001 SB ₁₈	2012 07 28.45139	20 32 11.141	-18 52 23.30	19.5 i	F51	2002 CP ₁₄₃	2012 07 28.49354	20 32 16.476	-16 23 01.67	19.6 g	F51
2001 SB ₁₈	2012 07 28.46197	20 32 10.539	-18 52 25.91	18.8 i	F51	2002 CP ₁₄₃	2012 07 29.47461	20 31 29.005	-16 22 27.44	19.0 i	F51
2001 SS ₈₁	2012 07 28.48197	20 45 52.978	-15 03 57.90	19.5 g	F51	2002 CP ₁₄₃	2012 07 29.48599	20 31 28.428	-16 22		

2002 QC7	2012 07 28.19563	16 37 11.97	-77 49 18.2	20.8	V	32	807	2002 TG125	2012 07 28.45469	20 46 47.966	-17 00 36.70	19.5	i	F51
2002 QC7	2012 07 28.19994	16 37 13.44	-77 49 03.6	20.6	V	32	807	2002 TG125	2012 07 28.46528	20 46 47.984	-17 00 37.12	19.7	i	F51
2002 QC7	2012 07 28.20460	16 37 15.04	-77 48 47.6	20.7	V	32	807	2002 TS128	2012 07 28.37213	20 01 36.186	-10 13 24.84	19.2	i	F51
2002 QC7	2012 07 28.21362	16 37 18.11	-77 48 17.0	20.7	V	32	807	2002 TS128	2012 07 28.38313	20 01 35.636	-10 13 25.89	19.2	i	F51
2002 QL30	2012 07 28.45073	20 29 04.357	-21 47 32.58	19.4	i		F51	2002 TS128	2012 07 28.39335	20 01 35.124	-10 13 26.71	19.5	r	F51
2002 QL30	2012 07 28.46132	20 29 03.671	-21 47 35.42	19.4	i		F51	2002 TS128	2012 07 28.40321	20 01 34.638	-10 13 27.63	19.5	r	F51
2002 QQ88	2012 07 28.45535	21 01 25.204	-16 18 34.43	20.1	i		F51	2002 TJ148	2012 07 28.37213	19 53 31.320	-12 01 01.11	19.1	i	F51
2002 QQ88	2012 07 28.46593	21 01 24.599	-16 18 36.65	20.1	i		F51	2002 TJ148	2012 07 28.38313	19 53 30.661	-12 00 59.64	19.0	i	F51
2002 QX93	2012 07 28.43451	20 56 31.696	-23 25 34.65	19.6	i		F51	2002 TJ148	2012 07 28.39335	19 53 30.042	-12 00 58.14	19.2	r	F51
2002 QX93	2012 07 28.44548	20 56 31.066	-23 25 35.83	19.5	i		F51	2002 TJ148	2012 07 28.40321	19 53 29.446	-12 00 56.86	19.1	r	F51
2002 QY110	2012 07 28.47229	20 27 45.056	-17 09 41.38	20.6	g		F51	2002 TA168	2012 07 29.37488	21 32 52.455	+12 08 13.47	19.3	i	F51
2002 QY110	2012 07 28.48324	20 27 44.296	-17 09 40.80	20.3	g		F51	2002 TA168	2012 07 29.38575	21 32 51.991	+12 08 15.20	19.3	i	F51
2002 QO120	2012 07 28.43242	20 42 29.991	-29 35 15.91	20.1	i		F51	2002 TO182	2012 07 28.48134	20 53 11.719	-13 49 22.50	20.9	g	F51
2002 QO120	2012 07 28.44337	20 42 29.359	-29 35 16.67	20.1	i		F51	2002 TO182	2012 07 28.49228	20 53 11.145	-13 49 24.10	20.8	g	F51
2002 QC143	2012 07 28.43320	20 54 22.152	-28 41 31.96	19.5	i		F51	2002 TO182	2012 07 29.47730	20 52 22.608	-13 52 40.83	20.2	i	F51
2002 QC143	2012 07 28.44416	20 54 20.975	-28 41 27.90	19.5	i		F51	2002 TO182	2012 07 29.48869	20 52 22.021	-13 52 43.30	20.2	i	F51
2002 QZ144	2012 07 29.48467	20 36 05.619	-12 41 15.25	19.3	i		F51	2002 TE283	2012 07 28.47627	21 14 07.751	-12 48 14.00	20.4	g	F51
2002 QZ144	2012 07 29.49606	20 36 04.958	-12 41 16.28	19.1	i		F51	2002 TE283	2012 07 28.48722	21 14 07.065	-12 48 14.68	20.3	g	F51
2002 QM148	2012 07 29.48335	21 02 13.560	-12 38 57.58	20.1	i		F51	2002 TW291	2012 07 28.47296	20 27 06.851	-13 32 58.68	20.0	g	F51
2002 QM148	2012 07 29.49473	21 02 12.816	-12 38 58.24	20.1	i		F51	2002 TW291	2012 07 28.48390	20 27 06.271	-13 32 58.88	19.9	g	F51
2002 QQ151	2012 07 21.31918	22 31 53.29	-02 28 39.9	20.0	V	I16		2002 TE346	2012 07 28.43714	21 22 42.989	-29 50 25.89	19.7	i	F51
2002 QQ151	2012 07 21.32560	22 31 53.29	-02 28 37.5	20.3	V	I16		2002 TE346	2012 07 28.44811	21 22 42.455	-29 50 29.94	19.9	i	F51
2002 QQ151	2012 07 21.33203	22 31 53.31	-02 28 39.1	20.1	V	I16		2002 TA349	2012 07 28.48261	20 36 47.852	-17 38 39.11	20.6	g	F51
2002 QQ151	2012 07 21.35134	22 31 53.30	-02 28 36.8	20.2	V	I16		2002 TA349	2012 07 28.49354	20 36 47.342	-17 38 42.85	20.6	g	F51
2002 QQ151	2012 07 21.35778	22 31 53.19	-02 28 35.2	20.2	V	I16		2002 TB366	2012 07 28.47563	21 03 15.996	-10 55 19.29	19.8	g	F51
2002 QQ151	2012 07 21.37064	22 31 53.24	-02 28 35.0	20.1	V	I16		2002 TB366	2012 07 28.48659	21 03 15.422	-10 55 24.14	20.0	g	F51
2002 QQ151	2012 07 21.38352	22 31 53.18	-02 28 33.2	19.9	V	I16		2002 TB366	2012 07 29.48335	21 02 26.946	-11 03 00.46	19.2	i	F51
2002 QQ151	2012 07 21.38994	22 31 53.17	-02 28 33.1	20.0	V	I16		2002 TB366	2012 07 29.49473	21 02 26.347	-11 03 05.74	19.1	i	F51
2002 QQ151	2012 07 21.39638	22 31 53.16	-02 28 32.9	20.1	V	I16		2002 TW375	2012 07 28.45732	21 17 54.628	-21 28 32.06	19.8	i	F51
2002 QQ151	2012 07 21.40281	22 31 53.11	-02 28 31.9	20.2	V	I16		2002 TW375	2012 07 28.46791	21 17 53.974	-21 28 34.32	19.9	i	F51
2002 QQ151	2012 07 22.31463	22 31 53.60	-02 27 14.4	20.3	V	I16		2002 TP382	2012 07 28.47754	21 21 18.666	-11 15 35.34	20.6	g	F51
2002 QQ151	2012 07 22.32750	22 31 53.55	-02 27 13.6	20.3	V	I16		2002 TP382	2012 07 28.48849	21 21 18.174	-11 15 36.17	20.5	g	F51
2002 QQ151	2012 07 22.33392	22 31 53.53	-02 27 12.0	20.2	V	I16		2002 UF55	2012 07 28.43386	20 58 24.243	-26 01 58.89	19.8	i	F51
2002 QQ151	2012 07 22.35323	22 31 53.42	-02 27 11.1	19.2	V	I16		2002 UF55	2012 07 28.44482	20 58 23.591	-26 02 04.10	19.9	i	F51
2002 QQ151	2012 07 22.35965	22 31 53.43	-02 27 10.6	19.8	V	I16		2002 UB74	2012 07 28.47296	20 36 57.693	-14 31 00.17	20.4	g	F51
2002 QQ151	2012 07 22.36608	22 31 53.39	-02 27 09.8	19.8	V	I16		2002 UB74	2012 07 28.48390	20 36 57.026	-14 31 02.16	20.3	g	F51
2002 QQ151	2012 07 22.37250	22 31 53.39	-02 27 09.5	20.2	V	I16		2002 VE84	2012 07 28.51794	20 34 38.904	-19 12 32.16	19.7	g	F51
2002 QQ151	2012 07 22.37894	22 31 53.32	-02 27 08.6	20.1	V	I16		2002 VE84	2012 07 28.52837	20 34 38.223	-19 12 34.29	19.7	g	F51
2002 QQ151	2012 07 22.39181	22 31 53.25	-02 27 08.0	20.3	V	I16		2002 WE29	2012 07 28.60662	23 37 25.742	-11 34 13.95	20.1	z	F51
2002 QQ151	2012 07 22.39824	22 31 53.25	-02 27 07.3	19.9	V	I16		2002 WE29	2012 07 28.61818	23 37 25.604	-11 34 16.29	19.9	z	F51
2002 QQ151	2012 07 22.40468	22 31 53.25	-02 27 06.8	19.7	V	I16		2002 XY11	2012 07 28.43242	20 36 03.865	-28 35 03.67	19.6	i	F51
2002 QQ151	2012 07 22.41110	22 31 53.24	-02 27 06.0	20.0	V	I16		2002 XY11	2012 07 28.44337	20 36 03.055	-28 35 04.32	19.5	i	F51
2002 QQ151	2012 07 23.31688	22 31 51.90	-02 26 03.2	20.1	V	I16		2002 XZ17	2012 07 28.42822	20 24 05.910	-26 49 51.99	19.2	i	F51
2002 QQ151	2012 07 23.32331	22 31 51.88	-02 26 02.8	19.9	V	I16		2002 XZ17	2012 07 28.43916	20 24 05.282	-26 49 54.92	19.4	i	F51
2002 QQ151	2012 07 23.32973	22 31 51.83	-02 26 02.7	20.2	V	I16		2002 XX40	2012 07 28.48261	20 37 19.194	-16 14 58.26	20.3	g	F51
2002 QQ151	2012 07 23.33617	22 31 51.77	-02 26 02.2	20.1	V	I16		2002 XX40	2012 07 28.49354	20 37 18.616	-16 14 58.45	20.4	g	F51
2002 QQ151	2012 07 23.35547	22 31 51.73	-02 25 59.5	20.1	V	I16		2002 XB46	2012 07 28.48197	20 42 01.561	-14 27 32.86	19.5	g	F51
2002 QQ151	2012 07 23.37476	22 31 51.52	-02 25 59.4	20.1	V	I16		2002 XB46	2012 07 28.49291	20 42 00.952	-14 27 34.13	19.5	g	F51
2002 RJ9	2012 07 28.37147	20 10 42.836	-11 31 50.90	19.4	i		F51	2002 XD62	2012 07 29.37424	20 35 04.17	-21 36 30.5	19.2	R	H15
2002 RJ9	2012 07 28.38247	20 10 42.235	-11 31 56.08	19.3	i		F51	2002 XD62	2012 07 29.38947	20 35 03.17	-21 36 31.5	19.1	R	H15
2002 RJ9	2012 07 28.39275	20 10 41.663	-11 32 00.74	19.5	r		F51	2002 XD62	2012 07 29.40662	20 35 01.98	-21 36 31.6	19.3	R	H15
2002 RJ9	2012 07 28.40261	20 10 41.114	-11 32 05.23	19.5	r		F51	2002 XD62	2012 07 29.42175	20 35 00.93	-21 36 32.6	19.3	R	H15
2002 RC118	2012 07 27.04844	23 34 37.01	+31 54 38.2		K	204		2002 XP68	2012 07 29.50822	20 20 45.636	+08 26 53.16	20.3	g	F51
2002 RC118	2012 07 27.06560	23 34 37.53	+31 54 48.8	19.5	R	204		2002 XP68	2012 07 29.51921	20 20 45.044	+08 26 52.99	20.2	g	F51
2002 RC118	2012 07 27.08241	23 34 38.06	+31 54 58.9		K	204		2002 XR92	2012 07 29.47994	21 23 53.039	+16 57 56.61	19.1	i	F51
2002 RX135	2012 07 28.60819	23 55 56.152	-08 07 28.94	19.8	z		F51	2002 XR92	2012 07 29.49131	21 23 52.429	+16 57 58.19	19.3	i	F51
2002 RX135	2012 07 28.61978	23 55 56.533	-08 07 31.65	19.6	z		F51	2003 AR3	2012 07 28.43583	21 13 25.546	-25 16 04.62	20.1	i	F51
2002 RN185	2012 07 28.48007	21 11 49.398	-16 11 20.05	19.5	g		F51	2003 AR3	2012 07 28.44679	21 13 24.895	-25 16 13.78	20.0	i	F51
2002 RN185	2012 07 28.49102	21 11 48.779	-16 11 19.42	19.5	g		F51	2003 AM64	2012 07 28.47563	20 56 16.614	-11 49 14.09	20.0	g	F51
2002 RN185	2012 07 29.47928	21 10 55.668	-16 10 15.95	18.8	i		F51	2003 AM64	2012 07 28.48659	20 56 15.599	-11 49 09.95	19.9	g	F51
2002 RN185	2012 07 29.49066	21 10 55.024	-16 10 15.18	18.7	i		F51	2003 BE7	2012 07 28.45403	20 54 22.275	-17 55 39.63	20.3	i	F51
2002 RQ217	2													

2003 SD55	2012 07 28.47754	21 23 37.778	-10 09 07.19	19.7 g	F51	2004 KJ6	2012 07 30.74737	23 45 14.61	-19 23 38.5	18.3 V	E12
2003 SD55	2012 07 28.48849	21 23 37.220	-10 09 08.05	19.6 g	F51	2004 MD	2012 06 27.38777	22 28 38.30	-25 07 26.3	19.7 V	32 807
2003 SD55	2012 07 29.48192	21 22 48.920	-10 10 31.65	19.1 i	F51	2004 MD	2012 06 27.38949	22 28 38.09	-25 07 29.8	19.8 V	32 807
2003 SD55	2012 07 29.49329	21 22 48.337	-10 10 32.62	19.0 i	F51	2004 MD	2012 06 27.39120	22 28 37.94	-25 07 33.5	19.4 V	32 807
2003 SM134	2012 07 28.45929	21 29 00.166	-22 09 32.39	19.9 i	F51	2004 MD	2012 06 27.39291	22 28 37.76	-25 07 36.7	19.6 V	32 807
2003 SM134	2012 07 28.45995	21 29 00.129	-22 09 32.56	19.8 i	F51	2004 MD	2012 06 27.39487	22 28 37.55	-25 07 40.9	19.4 V	32 807
2003 SM134	2012 07 28.46989	21 28 59.530	-22 09 32.40	19.9 i	F51	2004 MD	2012 07 28.25096	21 22 02.07	-37 00 18.5	20.2 V	32 807
2003 SM134	2012 07 28.47054	21 28 59.494	-22 09 32.41	19.9 i	F51	2004 MD	2012 07 28.25391	21 22 01.66	-37 00 20.0	20.1 V	32 807
2003 SY210	2012 07 28.37147	20 09 50.618	-11 08 46.41	19.9 i	F51	2004 MD	2012 07 28.25727	21 22 01.17	-37 00 21.8	20.3 V	32 807
2003 SY210	2012 07 28.39275	20 09 49.370	-11 08 47.43	20.0 r	F51	2004 MD	2012 07 28.26017	21 22 00.78	-37 00 23.2	19.9 V	32 807
2003 SY210	2012 07 28.40261	20 09 48.806	-11 08 47.64	20.0 r	F51	2004 MD	2012 07 28.26349	21 22 00.31	-37 00 25.1	20.4 V	32 807
2003 SX235	2012 07 28.36920	20 19 46.772	-16 42 17.02	19.7 i	F51	2004 OE13	2012 07 28.47229	20 31 41.624	-16 41 15.67	19.5 g	F51
2003 SX235	2012 07 28.38029	20 19 46.191	-16 42 21.38	19.6 i	F51	2004 OE13	2012 07 28.48261	20 31 40.611	-16 41 19.17	19.5 g	F51
2003 SX235	2012 07 28.39093	20 19 45.625	-16 42 25.73	19.8 r	F51	2004 OE13	2012 07 28.48324	20 31 40.537	-16 41 08.76	19.5 g	F51
2003 SX235	2012 07 28.40079	20 19 45.102	-16 42 29.54	19.8 r	F51	2004 OE13	2012 07 28.49354	20 31 39.530	-16 41 02.21	19.5 g	F51
2003 SA248	2012 07 28.48261	20 36 55.499	-15 46 49.75	20.3 g	F51	2004 PQ31	2012 07 28.47881	21 33 43.477	-13 28 16.88	19.9 g	F51
2003 SA248	2012 07 28.49354	20 36 54.914	-15 46 51.92	20.1 g	F51	2004 PQ31	2012 07 28.48975	21 33 43.000	-13 28 21.20	20.1 g	F51
2003 SA257	2012 07 28.42888	20 23 58.173	-28 24 36.25	19.2 i	F51	2004 PQ31	2012 07 29.48060	21 33 05.642	-13 34 38.31	19.2 i	F51
2003 SA257	2012 07 28.43982	20 23 57.507	-28 24 36.74	19.3 i	F51	2004 PQ31	2012 07 29.49197	21 33 05.166	-13 34 42.62	19.0 i	F51
2003 SQ281	2012 07 28.47818	21 37 02.966	-11 53 52.57	20.5 g	F51	2004 PW96	2012 07 28.43320	20 54 20.114	-28 41 37.74	19.4 i	F51
2003 SQ281	2012 07 28.48912	21 37 02.444	-11 53 53.38	20.3 g	F51	2004 PW96	2012 07 28.44416	20 54 19.340	-28 41 37.21	19.4 i	F51
2003 SH283	2012 07 28.47627	21 09 59.144	-10 22 21.11	19.8 g	F51	2004 QN27	2012 07 28.47754	21 25 37.844	-11 12 00.14	20.3 g	F51
2003 SH283	2012 07 28.48722	21 09 58.488	-10 22 19.09	19.7 g	F51	2004 QN27	2012 07 28.48849	21 25 37.165	-11 11 58.97	20.3 g	F51
2003 SC285	2012 07 29.43260	19 34 27.290	+12 12 04.74	19.4 i	F51	2004 QN27	2012 07 29.48192	21 24 36.846	-11 10 18.49	19.4 i	F51
2003 SC285	2012 07 29.44371	19 34 26.791	+12 11 59.78	19.3 i	F51	2004 QN27	2012 07 29.49329	21 24 36.130	-11 10 17.38	19.3 i	F51
2003 SC285	2012 07 29.45523	19 34 26.279	+12 11 54.82	19.5 r	F51	2004 RG	2012 07 28.37082	20 24 35.360	-11 56 16.97	19.2 i	F51
2003 SC285	2012 07 29.49991	19 34 24.330	+12 11 35.37	19.8 g	F51	2004 RG	2012 07 28.38181	20 24 34.626	-11 56 13.49	19.1 i	F51
2003 SC285	2012 07 29.51087	19 34 23.866	+12 11 30.48	19.9 g	F51	2004 RG	2012 07 28.39215	20 24 33.948	-11 56 10.14	19.3 r	F51
2003 SZ328	2012 07 28.48007	21 15 02.456	-16 41 35.50	20.7 g	F51	2004 RG	2012 07 28.40200	20 24 33.286	-11 56 06.99	19.2 r	F51
2003 SZ328	2012 07 28.49102	21 15 01.923	-16 41 38.93	20.5 g	F51	2004 RF3	2012 07 28.49613	20 35 34.479	+13 09 51.04	19.9 g	F51
2003 SK339	2012 07 28.43648	21 09 26.275	-29 37 26.17	20.2 i	F51	2004 RF3	2012 07 28.50660	20 35 33.871	+13 09 52.20	19.9 g	F51
2003 SK339	2012 07 28.44746	21 09 25.677	-29 37 29.71	20.2 i	F51	2004 RF3	2012 07 29.36604	20 34 45.750	+13 11 22.15	19.2 i	F51
2003 UF112	2012 07 28.60360	00 24 21.764	-12 38 14.90	19.8 z	F51	2004 RF3	2012 07 29.37689	20 34 45.111	+13 11 23.25	19.1 i	F51
2003 UF112	2012 07 28.61516	00 24 21.989	-12 38 17.02	19.7 z	F51	2004 RW9	2012 07 28.50392	21 33 05.891	+10 37 43.01	20.2 g	F51
2003 UT130	2012 07 28.299175	22 44 05.73	+10 10 51.3	20.1 V	K H21	2004 RW9	2012 07 28.51435	21 33 05.109	+10 37 52.04	20.0 g	F51
2003 UT130	2012 07 28.303035	22 44 05.64	+10 10 52.7	20.1 V	K H21	2004 RW9	2012 07 29.37488	21 32 04.873	+10 51 15.09	19.4 i	F51
2003 UT130	2012 07 28.306877	22 44 05.54	+10 10 54.2	20.0 V	K H21	2004 RW9	2012 07 29.38575	21 32 04.058	+10 51 25.34	19.3 i	F51
2003 UT130	2012 07 28.309947	22 44 05.47	+10 10 55.1	19.8 V	K H21	2004 RZ19	2012 07 28.45337	20 45 53.314	-22 38 34.31	18.7 i	F51
2003 US249	2012 07 28.60554	23 59 10.078	-15 53 28.01	19.2 z	F51	2004 RZ19	2012 07 28.46396	20 45 52.829	-22 38 40.65	18.7 i	F51
2003 US249	2012 07 28.61708	23 59 10.200	-15 53 31.02	19.0 z	F51	2004 RZ27	2012 07 28.42953	20 34 35.770	-27 02 55.13	19.1 i	F51
2003 UD288	2012 07 28.45403	20 58 32.531	-18 50 59.58	20.0 i	F51	2004 RZ27	2012 07 28.44047	20 34 35.049	-27 02 53.93	19.4 i	F51
2003 UD288	2012 07 28.46462	20 58 31.964	-18 51 01.24	19.9 i	F51	2004 RC42	2012 07 28.37147	20 11 24.523	-10 44 59.99	19.5 i	F51
2003 UD318	2012 07 28.45929	21 30 41.753	-21 52 12.45	20.1 i	F51	2004 RC42	2012 07 28.38247	20 11 23.938	-10 45 02.72	19.5 i	F51
2003 UD318	2012 07 28.46989	21 30 41.200	-21 52 14.42	20.1 i	F51	2004 RC42	2012 07 28.39275	20 11 23.371	-10 45 05.35	19.7 r	F51
2003 UR371	2012 07 28.48467	20 33 45.532	-11 44 20.96	19.2 i	F51	2004 RC42	2012 07 28.40261	20 11 22.838	-10 45 07.52	19.8 r	F51
2003 UR371	2012 07 29.48533	20 33 45.494	-11 44 20.77	19.2 i	F51	2004 RP42	2012 07 28.45073	20 21 38.693	-21 42 21.68	19.2 i	F51
2003 UR371	2012 07 29.49606	20 33 44.841	-11 44 19.94	19.2 i	F51	2004 RP42	2012 07 28.46132	20 21 38.059	-21 42 22.50	19.3 i	F51
2003 UR371	2012 07 29.49671	20 33 44.838	-11 44 20.57	20.0 i	F51	2004 RP42	2012 07 29.36687	20 20 46.47	-21 43 36.0	19.2 R	H15
2003 WB78	2012 07 28.45798	21 18 03.043	-19 16 50.42	20.6 i	F51	2004 RP42	2012 07 29.39702	20 20 44.61	-21 43 36.5	19.3 R	H15
2003 WB78	2012 07 28.46857	21 18 02.476	-19 16 52.41	20.4 i	F51	2004 RP42	2012 07 29.41422	20 20 43.60	-21 43 39.1	19.3 R	H15
2003 WT94	2012 07 28.43019	20 27 57.091	-23 58 08.36	19.8 i	F51	2004 RJ70	2012 07 28.37279	19 43 48.339	-11 41 35.88	19.6 i	F51
2003 WT94	2012 07 28.44113	20 27 56.452	-23 58 10.78	19.6 i	F51	2004 RJ70	2012 07 28.38379	19 43 47.842	-11 41 40.28	19.5 i	F51
2003 YY43	2012 07 28.48071	21 10 02.123	-14 41 37.66	20.5 g	F51	2004 RJ70	2012 07 28.39395	19 43 47.372	-11 41 44.18	19.7 r	F51
2003 YY43	2012 07 28.49165	21 10 01.575	-14 41 38.57	20.3 g	F51	2004 RJ70	2012 07 28.40381	19 43 46.926	-11 41 48.35	19.5 r	F51
2003 YD92	2012 07 28.45864	21 29 16.103	-17 30 15.35	20.0 i	F51	2004 RE93	2012 07 28.30624	21 27 58.56	-06 34 48.4	19.8 R	K H36
2003 YD92	2012 07 28.46923	21 29 15.574	-17 30 16.41	20.0 i	F51	2004 RE93	2012 07 28.31563	21 27 58.11	-06 34 48.9	19.5 R	K H36
2003 YD92	2012 07 29.47994	21 28 25.602	-17 31 58.18	20.0 i	F51	2004 RE93	2012 07 28.32495	21 27 57.51	-06 34 49.4	20.2 R	K H36
2003 YD92	2012 07 29.49131	21 28 25.017	-17 31 59.45	19.9 i	F51	2004 RE93	2012 07 29.35277	21 27 07.06	-06 36 07.0	19.0 R	K H36
2004 AZ23	2012 07 28.45271	20 44 50.960	-18 42 30.50	19.8 i	F51	2004 RE93	2012 07 29.35884	21 27 06.79	-06 36 07.4	19.5 R	K H36
2004 AZ23	2012 07 28.46329	20 44 50.420	-18 42 31.41	19.7 i	F51	2004 RE93	2012 07 29.36494	21 27 06.45	-06 36 07.8	19.7 R	K H36
2004 BV35	2012 07 29.47994	21 21 54.559	-17 01 39.24	20.3 i	F51	2004 RC110	2012 07 28.29444	18 26 39.282	+18 59 37.73	19.9 i	F51
2004 BV35	2012 07 29.49131	21 21 54.009	-17 01 40.39	20.2 i	F51	2004 RC110	2012 07 28.30548	18 26 38.789	+18 59 36.76	19.9 i	F51
2004 BH49	2012 07 28.47754	21 23 00.500	-12 12 22.37	20.3 g	F51	2004 RC110	2012 07 28.40886	18 26 34.097	+18 59 27.33	19.8 r	F51
2004 BH49	2012 07 28.48849	21 22 59.992	-12 12 23.44	20.4 g	F51	2004 RC110	2012 07 28.41871	18 26 33.649	+18 59 26.47	19.6 r	F51
2004 BG50	2012 07 28.46061	21 18 50.659	-22 26 37.69	19.9 i	F51	2004 RJ110	2012 07 28.52518	21 23 50.042	+21 03 13.20	20.5 g	F51
2004 BG50	2012 07 28.47120	21 18 50.203	-22 26 43.85	19.9 i	F51	2004 RJ110	2012 07 28.53560	21 23 49.449	+21 03 12.74	20.3 g	F51
2004 BM51	2012 07 28.48197	20 43 16.347	-14 59 55.04	20.5 g	F51	2004 RC136	2012 07 28.42953	20 36 15.850	-26 21 14.16	19.7 i	F51
2004 BM51	2012 07 28.49291	20 43 15.861	-14 59 58.45	20.3 g	F51	2004 RC136	2012 07 28.44047	20 36 14.944	-26 21 09.53	19.5 i	F51
2004 BU80	2012 07 28.47944	21 24 42.929	-16 33 22.85	20.7 g	F51	2004 RD143	2012 07 29.47994	21 23 58.307	-15 49 09.62	20.4 i	F51
2004 BU80	2012 07 28.49038	21 24 42.452	-16 33 27.40	20.7 g	F51	2004 RD143	2012 07 29.49131	21 23 57.610	-15 49 08.69	20.4 i	F51
2004 BV100	2012 07 28.45205	20 33 36.851	-21 03 39.27	19.4 i	F51	2004 RX144	2012 07 28.47944	21 22 01.969	-15 29 58.28	20.4 g	F51
2004 BV100	2012 07 28.46263	20 33 36.096	-21 03 38.76	19.3 i	F5						

2004 TX ₁₂	2012 07 28.46989	21 24 37.499	-20 38 58.02	18.6 i	F51	2005 LS ₆	2012 07 28.44113	20 25 38.513	-24 25 30.98	20.1 i	F51
2004 TL ₁₉	2012 07 29.351113	22 54 34.80	+19 11 56.3	22.4 V	K H21	2005 MD ₃₄	2012 07 28.45995	21 31 11.021	-22 31 08.41	19.2 i	F51
2004 TL ₁₉	2012 07 29.368654	22 54 35.44	+19 12 13.1	22.3 V	K H21	2005 MD ₃₄	2012 07 28.47054	21 31 10.363	-22 31 09.45	19.2 i	F51
2004 TL ₁₉	2012 07 29.385135	22 54 36.05	+19 12 27.6	22.4 V	K H21	2005 MG ₃₅	2012 07 29.48060	21 32 15.388	-13 28 07.94	19.0 i	F51
2004 TW ₃₅	2012 07 28.45666	21 04 07.636	-22 13 38.42	19.9 i	F51	2005 MG ₃₅	2012 07 29.49197	21 32 14.856	-13 28 08.82	18.9 i	F51
2004 TW ₃₅	2012 07 28.46725	21 04 07.045	-22 13 40.28	19.8 i	F51	2005 MA ₄₉	2012 07 28.47296	20 30 47.782	-14 19 08.82	20.0 g	F51
2004 TB ₄₁	2012 07 29.47826	21 22 06.873	-13 11 22.08	19.0 i	F51	2005 MA ₄₉	2012 07 28.48390	20 30 47.176	-14 19 14.07	20.1 g	F51
2004 TB ₄₁	2012 07 29.49000	21 22 06.380	-13 11 24.78	19.0 i	F51	2005 MX ₅₃	2012 07 28.48071	21 08 19.866	-14 40 30.77	19.6 g	F51
2004 TF ₁₂₈	2012 07 28.42888	20 28 38.579	-27 30 44.93	18.9 i	F51	2005 MX ₅₃	2012 07 28.49165	21 08 19.370	-14 40 33.44	19.5 g	F51
2004 TF ₁₂₈	2012 07 28.43982	20 28 37.915	-27 30 48.83	19.1 i	F51	2005 NW ₆	2012 07 28.45337	20 50 03.321	-20 46 59.09	20.0 i	F51
2004 TU ₁₆₈	2012 07 28.43517	21 11 46.923	-24 21 50.71	19.6 i	F51	2005 NW ₆	2012 07 28.46396	20 50 02.610	-20 47 08.41	19.5 i	F51
2004 TU ₁₆₈	2012 07 28.44614	21 11 46.281	-24 21 54.25	19.5 i	F51	2005 NZ ₉	2012 07 29.47461	20 21 51.966	-17 14 42.96	19.2 i	F51
2004 TQ ₁₆₉	2012 07 28.43164	20 51 19.424	-26 03 23.88	19.4 i	F51	2005 NZ ₉	2012 07 29.48599	20 21 51.345	-17 14 46.36	19.3 i	F51
2004 TQ ₁₆₉	2012 07 28.44258	20 51 18.768	-26 03 27.06	19.5 i	F51	2005 NP ₁₀	2012 07 28.48134	20 53 53.310	-14 16 04.59	19.8 g	F51
2004 TJ ₁₈₈	2012 07 28.47754	21 24 43.524	-10 49 13.07	20.4 g	F51	2005 NP ₁₀	2012 07 28.49228	20 53 52.657	-14 16 05.21	19.7 g	F51
2004 TJ ₁₈₈	2012 07 28.48849	21 24 43.007	-10 49 15.47	20.2 g	F51	2005 NP ₁₀	2012 07 29.47730	20 52 56.034	-14 17 18.38	18.9 i	F51
2004 TD ₃₁₅	2012 07 29.48467	20 39 10.517	-12 03 35.85	19.5 i	F51	2005 NP ₁₀	2012 07 29.48869	20 52 55.335	-14 17 19.15	18.9 i	F51
2004 TD ₃₁₅	2012 07 29.49606	20 39 09.878	-12 03 37.48	19.5 i	F51	2005 NG ₁₄	2012 07 28.47627	21 08 49.022	-10 54 23.90	20.2 g	F51
2004 UG ₄	2012 07 28.32504	23 11 37.54	+31 08 34.2	19.1	704	2005 NG ₁₄	2012 07 28.48722	21 08 48.576	-10 54 29.77	20.3 g	F51
2004 UG ₄	2012 07 28.33623	23 11 37.61	+31 08 45.4	19.1	704	2005 NG ₁₄	2012 07 29.48258	21 08 10.587	-11 03 57.75	19.3 i	F51
2004 UG ₄	2012 07 28.35874	23 11 37.71	+31 09 07.5	19.9	704	2005 NG ₁₄	2012 07 29.49396	21 08 10.101	-11 04 04.24	19.2 i	F51
2004 UG ₄	2012 07 28.36996	23 11 37.68	+31 09 17.2	19.2	704	2005 NE ₂₁	2012 07 29.90102	18 38 51.15	-07 32 49.1	18.4 R	K 160
2004 UF ₅	2012 07 28.55076	22 19 59.115	-00 45 11.56	21.3 i	F51	2005 NE ₂₁	2012 07 29.90283	18 38 50.44	-07 32 47.7	18.3 R	K 160
2004 UF ₅	2012 07 28.55372	22 19 59.027	-00 45 11.43	21.3 i	F51	2005 NH ₂₂	2012 07 26.91844	22 37 27.93	+00 43 00.8	19.9 V	D03
2004 UF ₅	2012 07 28.55963	22 19 58.836	-00 45 11.18	21.3 i	F51	2005 NH ₂₂	2012 07 26.93448	22 37 27.32	+00 43 03.1	19.7 V	D03
2004 UF ₅	2012 07 28.56259	22 19 58.735	-00 45 11.10	21.2 i	F51	2005 NH ₂₂	2012 07 26.94963	22 37 26.79	+00 43 03.9	20.0 V	D03
2004 UF ₅	2012 07 28.56554	22 19 58.645	-00 45 10.91	21.4 i	F51	2005 NX ₃₈	2012 07 28.47229	20 22 16.452	-16 02 13.95	19.6 g	F51
2004 UF ₅	2012 07 28.56850	22 19 58.546	-00 45 10.82	21.4 i	F51	2005 NX ₃₈	2012 07 28.48324	20 22 15.420	-16 02 05.42	19.5 g	F51
2004 UF ₅	2012 07 28.57146	22 19 58.454	-00 45 10.71	21.1 i	F51	2005 OQ ₁₂	2012 07 28.43085	20 42 03.338	-24 39 34.44	18.7 i	F51
2004 VC ₁₉	2012 07 28.43583	21 15 14.257	-27 25 48.55	19.7 i	F51	2005 OQ ₁₂	2012 07 28.44178	20 42 02.676	-24 39 33.97	18.6 i	F51
2004 VC ₁₉	2012 07 28.44679	21 15 13.643	-27 25 52.70	19.7 i	F51	2005 OC ₂₁	2012 07 28.43085	20 36 37.910	-24 15 20.45	19.0 i	F51
2004 VV ₃₇	2012 07 28.47754	21 22 00.664	-12 16 02.89	20.8 g	F51	2005 OC ₂₁	2012 07 28.44178	20 36 37.191	-24 15 20.83	18.9 i	F51
2004 VV ₃₇	2012 07 28.48849	21 22 00.121	-12 16 05.08	20.9 g	F51	2005 PG ₁	2012 07 28.43386	21 02 08.795	-27 10 30.42	18.4 i	F51
2004 WN ₁	2012 07 28.43386	21 04 38.627	-25 44 40.38	19.8 i	F51	2005 PG ₁	2012 07 28.44482	21 02 08.018	-27 10 29.36	18.4 i	F51
2004 WN ₁	2012 07 28.44482	21 04 38.014	-25 44 43.33	19.5 i	F51	2005 PL ₈	2012 07 28.45666	21 04 31.608	-22 35 13.07	19.6 i	F51
2004 WM ₁₂	2012 07 28.47362	20 26 58.570	-11 53 00.50	20.2 g	F51	2005 PL ₈	2012 07 28.46725	21 04 31.006	-22 35 18.58	19.3 i	F51
2004 WM ₁₂	2012 07 28.48457	20 26 57.948	-11 53 06.32	20.0 g	F51	2005 PV ₁₉	2012 07 28.47754	21 23 13.961	-12 40 50.05	20.2 g	F51
2004 XM ₂₁	2012 07 29.55741	22 11 52.458	-00 12 13.74	19.9 z	F51	2005 PV ₁₉	2012 07 28.48849	21 23 13.389	-12 40 53.28	20.1 g	F51
2004 XM ₂₁	2012 07 29.56080	22 11 52.329	-00 12 13.77	19.8 z	F51	2005 PV ₁₉	2012 07 29.48192	21 22 22.393	-12 46 00.68	19.5 i	F51
2004 XM ₂₁	2012 07 29.56375	22 11 52.199	-00 12 13.73	19.8 z	F51	2005 PV ₁₉	2012 07 29.49329	21 22 21.765	-12 46 04.27	19.4 i	F51
2004 XM ₂₁	2012 07 29.56670	22 11 52.101	-00 12 13.79	19.6 z	F51	2005 QV ₂	2012 07 29.48401	20 45 08.441	-12 00 14.08	18.6 i	F51
2004 XM ₂₁	2012 07 29.56967	22 11 51.985	-00 12 13.86	19.4 z	F51	2005 QV ₂	2012 07 29.48467	20 45 08.401	-12 00 14.03	18.5 i	F51
2004 XM ₂₁	2012 07 29.57263	22 11 51.875	-00 12 13.93	19.9 z	F51	2005 QV ₂	2012 07 29.49539	20 45 07.704	-12 00 12.85	18.5 i	F51
2004 XM ₂₁	2012 07 29.57559	22 11 51.750	-00 12 13.91	19.9 z	F51	2005 QV ₂	2012 07 29.49606	20 45 07.663	-12 00 12.80	18.4 i	F51
2004 XM ₂₁	2012 07 29.57854	22 11 51.631	-00 12 14.26	19.8 z	F51	2005 QD ₇	2012 07 28.48071	21 04 12.108	-13 31 24.71	19.7 g	F51
2004 XW ₄₉	2012 07 19.97087	19 39 02.71	+21 46 13.4	17.6 R	A24	2005 QD ₇	2012 07 28.49165	21 04 11.586	-13 31 28.66	19.8 g	F51
2004 XW ₄₉	2012 07 19.97159	19 39 02.64	+21 46 14.7	17.2 R	A24	2005 QD ₇	2012 07 29.47796	21 03 27.959	-13 37 27.80	18.8 i	F51
2004 XW ₄₉	2012 07 20.02420	19 38 58.52	+21 47 47.6	17.6 R	A24	2005 QD ₇	2012 07 29.48935	21 03 27.404	-13 37 32.03	19.0 i	F51
2004 XW ₄₉	2012 07 20.02492	19 38 58.47	+21 47 48.8	17.5 R	A24	2005 QJ ₈	2012 07 29.48258	21 13 02.199	-11 57 35.15	19.1 i	F51
2004 XW ₄₉	2012 07 23.96711	19 34 04.63	+23 38 10.6	17.6 R	A24	2005 QJ ₈	2012 07 29.49396	21 13 01.568	-11 57 37.46	18.9 i	F51
2004 XW ₄₉	2012 07 23.96784	19 34 04.60	+23 38 11.7	17.6 R	A24	2005 QR ₃₄	2012 07 28.36920	20 16 02.602	-16 54 51.24	19.8 i	F51
2004 XW ₄₉	2012 07 23.98297	19 34 03.40	+23 38 35.7	17.8 R	K A24	2005 QR ₃₄	2012 07 28.38029	20 16 01.927	-16 54 54.03	19.9 i	F51
2004 XW ₄₉	2012 07 23.99882	19 34 02.17	+23 39 00.8	17.7 R	K A24	2005 QR ₃₄	2012 07 28.39093	20 16 01.254	-16 54 56.69	19.9 r	F51
2004 XW ₄₉	2012 07 24.01395	19 34 00.98	+23 39 24.9	17.2 R	A24	2005 QO ₃₄	2012 07 29.47664	20 39 19.913	-13 58 03.52	19.0 i	F51
2004 XW ₄₉	2012 07 24.01467	19 34 00.94	+23 39 25.8	17.4 R	A24	2005 QO ₃₄	2012 07 29.48803	20 39 19.351	-13 58 07.66	19.1 i	F51
2004 XH ₅₈	2012 07 28.43164	20 51 56.345	-25 28 45.75	20.1 i	F51	2005 QH ₅₆	2012 07 28.60927	23 47 06.868	-04 14 52.73	19.1 z	F51
2004 XH ₅₈	2012 07 28.44258	20 51 55.703	-25 28 47.82	19.9 i	F51	2005 QH ₅₆	2012 07 28.62086	23 47 07.331	-04 14 52.25	19.1 z	F51
2004 XX ₁₄₈	2012 07 28.47426	20 36 09.491	-12 12 09.53	20.5 g	F51	2005 QV ₇₇	2012 07 28.47563	21 02 49.846	-12 22 53.35	20.1 g	F51
2004 XX ₁₄₈	2012 07 28.48521	20 36 08.792	-12 12 08.57	20.2 g	F51	2005 QV ₇₇	2012 07 28.48659	21 02 49.300	-12 22 56.49	20.1 g	F51
2004 XX ₁₄₈	2012 07 29.48467	20 35 07.511	-12 11 05.75	19.5 i	F51	2005 QV ₇₇	2012 07 29.48335	21 02 03.363	-12 27 57.48	19.3 i	F51
2004 XX ₁₄₈	2012 07 29.49606	20 35 06.795	-12 11 04.99	19.3 i	F51	2005 QV ₇₇	2012 07 29.49473	21 02 02.795	-12 28 00.99	19.3 i	F51
2004 XL ₁₆₄	2012 07 30.68624	23 43 56.92	-24 51 42.6	19.0 V	E12	2005 QS ₁₇₄	2012 07 28.43019	20 32 09.008	-24 21 11.69	19.5 i	F51
2004 XL ₁₆₄	2012 07 30.69687	23 43 57.14	-24 51 51.0	19.0 V	E12	2005 QS ₁₇₄	2012 07 28.44113	20 32 08.256	-24 21 11.42	1	

2005 SG ₉₉	2011 03 31.40670	11 54 57.178	-07 30 03.78	21.5 w	F51	2005 US ₂₇	2012 07 28.45403	20 56 04.294	-20 15 38.63	19.9 i	F51
2005 SH ₁₁₅	2012 07 28.48071	21 06 34.863	-15 38 45.61	20.2 g	F51	2005 US ₂₇	2012 07 28.46462	20 56 03.654	-20 15 41.17	20.0 i	F51
2005 SH ₁₁₅	2012 07 28.49165	21 06 34.265	-15 38 47.78	20.2 g	F51	2005 UB ₉₁	2012 07 28.47500	20 54 43.924	-11 22 29.58	19.7 g	F51
2005 SD ₁₁₇	2012 07 28.45864	21 34 11.190	-18 26 18.15	19.6 i	F51	2005 UB ₉₁	2012 07 28.48595	20 54 43.270	-11 22 30.32	19.8 g	F51
2005 SD ₁₁₇	2012 07 28.46923	21 34 10.622	-18 26 22.03	19.6 i	F51	2005 UB ₉₁	2012 07 29.48401	20 53 46.438	-11 23 30.38	19.0 i	F51
2005 SG ₁₂₇	2012 07 28.47818	21 41 13.105	-10 52 13.17	20.3 g	F51	2005 UB ₉₁	2012 07 29.49539	20 53 45.754	-11 23 31.05	18.8 i	F51
2005 SG ₁₂₇	2012 07 28.48912	21 41 12.631	-10 52 15.90	20.3 g	F51	2005 UM ₁₃₁	2012 07 28.45139	20 28 08.356	-17 49 36.34	19.5 i	F51
2005 SY ₁₃₉	2012 07 28.43780	21 27 17.675	-27 32 16.76	19.9 i	F51	2005 UM ₁₃₁	2012 07 28.46197	20 28 07.693	-17 49 41.74	19.4 i	F51
2005 SY ₁₃₉	2012 07 28.43846	21 27 17.621	-27 32 16.66	19.9 i	F51	2005 UT ₂₂₅	2012 07 28.45732	21 16 46.680	-20 47 12.65	20.1 i	F51
2005 SY ₁₃₉	2012 07 28.44877	21 27 17.009	-27 32 19.38	19.8 i	F51	2005 UT ₂₂₅	2012 07 28.46791	21 16 46.065	-20 47 14.67	19.9 i	F51
2005 SY ₁₃₉	2012 07 28.44943	21 27 16.950	-27 32 19.56	19.8 i	F51	2005 UH ₂₃₀	2012 07 28.45337	20 49 48.921	-23 11 30.13	19.9 i	F51
2005 SF ₁₄₄	2012 07 28.47944	21 23 03.726	-17 28 36.40	20.7 g	F51	2005 UH ₂₃₀	2012 07 28.46396	20 49 48.254	-23 11 33.23	19.9 i	F51
2005 SF ₁₄₄	2012 07 28.49038	21 23 03.093	-17 28 39.28	20.6 g	F51	2005 UJ ₂₅₀	2012 07 28.43019	20 30 04.420	-23 23 50.24	20.0 i	F51
2005 SO ₁₉₃	2012 07 28.37007	20 18 22.829	-14 41 16.99	19.2 i	F51	2005 UJ ₂₅₀	2012 07 28.44113	20 30 03.679	-23 23 52.63	19.9 i	F51
2005 SO ₁₉₃	2012 07 28.38107	20 18 22.136	-14 41 19.09	19.2 i	F51	2005 UQ ₂₈₂	2012 07 28.45337	20 52 12.100	-22 14 47.73	19.6 i	F51
2005 SO ₁₉₃	2012 07 28.39154	20 18 21.477	-14 41 21.01	19.2 r	F51	2005 UQ ₂₈₂	2012 07 28.46396	20 52 11.470	-22 14 50.95	19.4 i	F51
2005 SO ₁₉₃	2012 07 28.40139	20 18 20.870	-14 41 22.85	19.4 r	F51	2005 UR ₄₅₄	2012 07 30.72380	23 46 12.14	-20 40 26.1	19.1 V	E12
2005 SZ ₂₁₅	2012 07 28.37345	19 37 09.937	-12 49 04.50	19.5 i	F51	2005 UR ₄₅₄	2012 07 30.73139	23 46 12.43	-20 40 29.6	18.4 V	E12
2005 SZ ₂₁₅	2012 07 28.39469	19 37 08.728	-12 49 05.60	19.6 r	F51	2005 UR ₄₅₄	2012 07 30.73891	23 46 12.64	-20 40 32.3	19.3 V	E12
2005 SZ ₂₁₅	2012 07 28.40454	19 37 08.178	-12 49 06.11	19.5 r	F51	2005 UO ₅₀₈	2012 07 28.45139	20 33 07.547	-19 26 11.95	19.5 i	F51
2005 SX ₂₃₉	2012 07 28.48071	21 01 48.424	-13 33 47.81	20.9 g	F51	2005 UO ₅₀₈	2012 07 28.46197	20 33 06.877	-19 26 13.80	19.4 i	F51
2005 SX ₂₃₉	2012 07 28.49165	21 01 47.749	-13 33 49.31	20.8 g	F51	2005 UO ₅₃₀	2012 07 28.48007	21 13 44.404	-16 04 21.50	19.9 g	F51
2005 SF ₂₅₂	2012 07 28.48071	21 06 04.334	-13 12 20.18	21.0 g	F51	2005 UO ₅₃₀	2012 07 28.49102	21 13 43.932	-16 04 26.60	19.9 g	F51
2005 SF ₂₅₂	2012 07 28.49165	21 06 03.704	-13 12 22.68	20.9 g	F51	2005 VB ₆	2012 07 29.48335	20 59 44.437	-10 30 48.48	19.9 i	F51
2005 SF ₂₅₂	2012 07 29.47796	21 05 10.093	-13 16 21.63	19.9 i	F51	2005 VB ₆	2012 07 29.49473	20 59 43.792	-10 30 52.24	19.8 i	F51
2005 SF ₂₅₂	2012 07 29.48935	21 05 09.448	-13 16 24.80	19.9 i	F51	2005 VV ₃₄	2012 07 28.47690	21 22 50.309	-14 42 49.32	20.1 g	F51
2005 SS ₂₆₈	2012 07 28.45798	21 18 36.376	-17 53 56.48	19.0 i	F51	2005 VV ₃₄	2012 07 28.48786	21 22 49.732	-14 42 51.13	20.7 g	F51
2005 SS ₂₆₈	2012 07 28.46857	21 18 35.880	-17 54 00.66	19.1 i	F51	2005 VV ₃₄	2012 07 29.47862	21 21 59.132	-14 45 22.28	19.8 i	F51
2005 TP	2012 07 18.587547	02 05 24.922	+02 12 55.31	23.2 R	2 568	2005 VV ₃₄	2012 07 29.49000	21 21 58.514	-14 45 24.20	19.7 i	F51
2005 TP	2012 07 18.589275	02 05 25.233	+02 12 56.60	23.3 R	2 568	2005 VS ₃₇	2012 07 28.45864	21 34 49.782	-17 26 56.82	19.4 i	F51
2005 TP	2012 07 18.591010	02 05 25.554	+02 12 57.89	23.4 R	2 568	2005 VS ₃₇	2012 07 28.46923	21 34 49.355	-17 27 02.17	19.2 i	F51
2005 TP	2012 07 18.592743	02 05 25.866	+02 12 59.14	23.2 R	2 568	2005 VQ ₅₃	2012 07 28.43019	20 35 02.419	-24 19 58.30	20.4 i	F51
2005 TP	2012 07 22.586240	02 18 05.540	+03 02 57.03	23.1 R	2 568	2005 VQ ₅₃	2012 07 28.44113	20 35 01.698	-24 20 01.74	20.0 i	F51
2005 TP	2012 07 22.595172	02 18 07.170	+03 03 03.74	23.7 R	2 568	2005 VE ₁₁₉	2012 07 29.48060	21 26 33.575	-14 06 22.30	20.5 i	F51
2005 TY ₃	2012 07 28.45073	20 25 40.103	-20 27 12.37	18.8 i	F51	2005 VE ₁₁₉	2012 07 29.49197	21 26 32.969	-14 06 26.16	20.1 i	F51
2005 TY ₃	2012 07 28.46132	20 25 39.517	-20 27 18.08	19.0 i	F51	2005 WB ₄₁	2012 07 29.50211	19 42 43.016	+14 31 17.45	19.6 g	F51
2005 TY ₃	2012 07 29.37041	20 24 52.38	-20 35 08.0	18.5 R	H15	2005 WB ₄₁	2012 07 29.51309	19 42 42.310	+14 31 19.83	19.7 g	F51
2005 TY ₃	2012 07 29.38565	20 24 51.57	-20 35 16.5	18.4 R	H15	2005 WB ₅₈	2012 07 28.49676	20 27 28.534	+14 22 40.93	21.0 g	F51
2005 TY ₃	2012 07 29.40282	20 24 50.65	-20 35 24.1	18.5 R	H15	2005 WB ₅₈	2012 07 28.50724	20 27 27.677	+14 22 43.09	20.9 g	F51
2005 TY ₃	2012 07 29.41796	20 24 49.72	-20 35 31.8	19.0 R	H15	2005 WB ₅₈	2012 07 29.36670	20 26 21.601	+14 25 05.97	20.5 i	F51
2005 TF ₅	2012 07 28.55076	22 16 06.883	-00 07 39.64	20.1 i	F51	2005 WB ₅₈	2012 07 29.37756	20 26 20.763	+14 25 08.11	20.2 i	F51
2005 TF ₅	2012 07 28.55372	22 16 06.786	-00 07 39.41	20.1 i	F51	2005 WD ₁₅₄	2012 07 28.43780	21 22 08.056	-26 17 09.48	19.5 i	F51
2005 TF ₅	2012 07 28.55667	22 16 06.684	-00 07 39.27	20.0 i	F51	2005 WD ₁₅₄	2012 07 28.44877	21 22 07.449	-26 17 14.06	19.2 i	F51
2005 TF ₅	2012 07 28.55963	22 16 06.588	-00 07 39.12	20.1 i	F51	2005 WG ₁₉₃	2007 09 02.35895	22 45 09.75	+20 00 33.5	19.4 V	G96
2005 TF ₅	2012 07 28.56259	22 16 06.490	-00 07 38.97	20.0 i	F51	2005 WG ₁₉₃	2007 09 02.36457	22 45 09.25	+20 00 34.9	19.5 V	G96
2005 TF ₅	2012 07 28.56850	22 16 06.293	-00 07 38.61	20.1 i	F51	2005 WG ₁₉₃	2007 09 02.37021	22 45 08.74	+20 00 36.1	19.5 V	G96
2005 TF ₅	2012 07 28.57146	22 16 06.191	-00 07 38.47	19.9 i	F51	2005 WG ₁₉₃	2007 09 02.37579	22 45 08.24	+20 00 37.2	19.5 V	G96
2005 TF ₅	2012 07 29.55741	22 15 35.521	-00 06 50.41	19.8 z	F51	2005 WG ₁₉₃	2012 07 20.33842	20 47 01.40	-16 15 01.2	19.3	704
2005 TF ₅	2012 07 29.56080	22 15 35.401	-00 06 50.17	20.0 z	F51	2005 WG ₁₉₃	2012 07 20.35001	20 47 00.33	-16 14 55.3	19.3	704
2005 TF ₅	2012 07 29.56375	22 15 35.295	-00 06 50.06	20.4 z	F51	2005 WG ₁₉₃	2012 07 20.36113	20 46 59.26	-16 14 49.2	19.6	704
2005 TF ₅	2012 07 29.56670	22 15 35.197	-00 06 50.00	20.0 z	F51	2005 WG ₁₉₃	2012 07 20.37231	20 46 58.30	-16 14 44.7	19.5	704
2005 TF ₅	2012 07 29.56967	22 15 35.096	-00 06 49.80	19.5 z	F51	2005 WG ₁₉₃	2012 07 29.47532	20 32 50.940	-15 03 59.67	18.8 i	F51
2005 TF ₅	2012 07 29.57263	22 15 34.995	-00 06 49.75	20.2 z	F51	2005 WG ₁₉₃	2012 07 29.48671	20 32 49.846	-15 03 54.16	18.5 i	F51
2005 TF ₅	2012 07 29.57559	22 15 34.882	-00 06 49.60	20.3 z	F51	2005 WO ₂₀₄	2012 07 28.45929	21 29 41.103	-21 56 50.94	20.5 i	F51
2005 TF ₅	2012 07 29.57854	22 15 34.792	-00 06 49.53	20.4 z	F51	2005 WO ₂₀₄	2012 07 28.46989	21 29 40.577	-21 56 56.62	20.2 i	F51
2005 TZ ₁₃	2012 07 28.48071	21 05 55.435	-14 36 05.63	20.6 g	F51	2005 YX ₁₆	2012 07 30.68341	23 35 52.51	-25 37 36.9	18.7 V	E12
2005 TZ ₁₃	2012 07 28.49165	21 05 54.814	-14 36 08.77	20.7 g	F51	2005 YX ₁₆	2012 07 30.69404	23 35 52.51	-25 37 50.3	19.7 V	E12
2005 TT ₁₄	2012 07 28.43648	21 02 43.978	-30 06 18.21	18.8 i	F51	2005 YX ₁₆	2012 07 30.70257	23 35 52.47	-25 38 01.3	19.8 V	E12
2005 TT ₁₄	2012 07 28.44746	21 02 43.318	-30 06 22.79	18.8 i	F51	2005 YX ₁₆	2012 07 30.71120	23 35 52.47	-25 38 11.9	19.8 V	E12
2005 TY ₂₁	2012 07 28.43846	21 33 42.706	-28 48 11.88	18.9 i	F51	2005 YB ₂₈	2012 07 29.37805	20 42 53.63	-21 10 29.1	18.5 R	H15
2005 TY ₂₁	2012 07 28.44943	21 33 42.134	-28 48 15.56	18.9 i	F51	2005 YB ₂₈	2012 07 29.39322	20 42 52.74	-21 10 31.2	18.6 R	H15
2005 TS ₄₁	2012 07 28.38181	20 19 30.127	-11 14 09.45	19.3 i	F51	2005 YB ₂₈	2012 07 29.41038	20 42 51.67	-21 10 32.4	18.7 R	H15
2005 TS ₄₁	2012 07 28.39215	20 19 29.492	-11 14 10.54	19.3 r	F51	2005 YB ₂₈	2012 07 29.42548	20 42 50.81	-21 10 34.9	18.8 R	H15
2005 TS ₄₁	2012 07 28.40200	20 19 28.897	-11 14 11.58	19.5 r	F51	2005 YF ₅₃	2012 07 28.60554	23 54 07.338	-15 25 44.79	19.3 z	F51
2005 TX ₄₅	2012 07 28.48197	20 41 22.674	-15 12 12.35	20.1 g	F51	2005 YF ₅₃	2012 07 28.61708	23 54 07.501	-15 25 51.42	19.2 z	F51
2005 TX ₄₅	2012 07 28.49291	20 41 22.007	-15 12 14.53	19.9 g	F51	2005 YL ₉₂	2012 07 28.48197	20 44 14.171	-15 31 47.63	21.0 g	F51
2005 TX ₄₅	2012 07 29.47664	20 40 25.432	-15 15 37.48	19.3 i	F51	2005 YL ₉₂	2012 07 28.49291	20 44 13.535	-15 31 49.34	20.8 g	F51
2005 TX ₄₅	2012 07 29.48803	20 40 24.737	-15 15 39.88	19.3 i	F51	2005 YM ₁₇₅	2012 07 28.45995</				

2006 BY ₁₅₄	2012 07 29.47730	20 52 41.129	-14 27 35.23	18.5 i	F51	2006 UA ₂₇₂	2012 07 29.48401	20 50 38.424	-11 03 15.41	20.2 i	F51
2006 BY ₁₅₄	2012 07 29.48869	20 52 40.545	-14 27 41.45	18.5 i	F51	2006 UA ₂₇₂	2012 07 29.49539	20 50 37.698	-11 03 17.97	20.4 i	F51
2006 BV ₁₅₇	2012 07 28.43517	21 04 38.007	-23 31 10.46	19.7 i	F51	2006 VO ₁₃	2012 07 28.60506	00 11 00.141	-14 51 33.23	18.1 z	F51
2006 BV ₁₅₇	2012 07 28.44614	21 04 37.390	-23 31 12.21	19.8 i	F51	2006 VO ₁₃	2012 07 28.61660	00 11 01.011	-14 51 30.86	18.0 z	F51
2006 CG ₂₀	2012 07 28.47818	21 33 25.147	-10 47 19.79	19.9 g	F51	2006 VM ₅₈	2012 07 28.43320	20 50 29.125	-29 36 05.39	19.4 i	F51
2006 CG ₂₀	2012 07 28.48912	21 33 24.519	-10 47 18.25	19.9 g	F51	2006 VM ₅₈	2012 07 28.44416	20 50 28.423	-29 36 10.17	19.3 i	F51
2006 CR ₂₂	2012 07 28.43780	21 27 04.269	-26 08 33.51	20.5 i	F51	2006 VI ₆₃	2012 07 29.55741	22 12 49.636	+00 32 48.42	20.3 z	F51
2006 CR ₂₂	2012 07 28.44877	21 27 03.613	-26 08 35.25	20.4 i	F51	2006 VI ₆₃	2012 07 29.56375	22 12 49.357	+00 32 48.58	20.1 z	F51
2006 CP ₅₀	2012 07 28.45929	21 23 02.033	-21 58 47.65	20.4 i	F51	2006 VI ₆₃	2012 07 29.56670	22 12 49.245	+00 32 48.67	19.8 z	F51
2006 CP ₅₀	2012 07 28.46989	21 23 01.451	-21 58 48.76	20.4 i	F51	2006 VI ₆₃	2012 07 29.56967	22 12 49.146	+00 32 48.86	19.8 z	F51
2006 CY ₆₈	2012 07 28.239578	21 06 26.55	-22 20 30.4	19.6 V	K H21	2006 VI ₆₃	2012 07 29.57559	22 12 48.905	+00 32 49.06	19.9 z	F51
2006 CY ₆₈	2012 07 28.242792	21 06 26.31	-22 20 31.5	19.9 V	K H21	2006 VI ₆₃	2012 07 29.57854	22 12 48.799	+00 32 49.13	20.1 z	F51
2006 CY ₆₈	2012 07 28.246008	21 06 26.13	-22 20 32.1	20.2 V	K H21	2006 XE ₂₇	2012 07 28.48007	21 15 13.094	-16 13 44.25	20.5 g	F51
2006 CY ₆₈	2012 07 28.249222	21 06 25.92	-22 20 32.5	20.2 V	K H21	2006 XE ₂₇	2012 07 28.49102	21 15 12.400	-16 13 45.02	20.6 g	F51
2006 DM ₂₃	2012 07 28.43517	21 04 53.651	-24 20 21.46	19.7 i	F51	2006 XJ ₃₁	2012 07 29.48060	21 29 37.119	-12 27 23.43	20.0 i	F51
2006 DM ₂₃	2012 07 28.44614	21 04 53.011	-24 20 23.16	19.6 i	F51	2006 XJ ₃₁	2012 07 29.49197	21 29 36.472	-12 27 24.56	20.0 i	F51
2006 DJ ₂₉	2012 07 28.45798	21 24 32.512	-18 26 20.96	20.3 i	F51	2006 XC ₄₄	2012 07 29.48401	20 47 55.380	-12 02 52.65	19.8 i	F51
2006 DJ ₂₉	2012 07 28.46857	21 24 31.958	-18 26 24.32	20.1 i	F51	2006 XC ₄₄	2012 07 29.49539	20 47 54.596	-12 02 53.01	19.5 i	F51
2006 DY ₄₁	2001 08 24.21284	20 43 35.95	-24 43 51.0	20.0	644	2006 XG ₆₉	2012 07 28.45732	21 07 17.221	-21 00 32.83	19.8 i	F51
2006 DY ₄₁	2001 08 24.22385	20 43 35.57	-24 43 58.2	20.1	644	2006 XG ₆₉	2012 07 28.46791	21 07 16.537	-21 00 34.08	19.9 i	F51
2006 DY ₄₁	2001 08 24.23593	20 43 35.13	-24 44 06.4	19.8	644	2006 XJ ₆₉	2012 07 28.45666	21 02 43.889	-22 23 17.08	19.8 i	F51
2006 DY ₄₁	2012 07 28.36366	19 19 24.153	-13 31 46.15	18.3 i	F51	2006 XJ ₆₉	2012 07 28.46725	21 02 43.250	-22 23 21.08	19.8 i	F51
2006 DY ₄₁	2012 07 28.37479	19 19 23.714	-13 31 59.85	18.4 i	F51	2006 YP ₃	2012 07 28.43085	20 43 46.118	-23 02 27.95	20.7 i	F51
2006 DY ₄₁	2012 07 28.38611	19 19 23.272	-13 32 13.82	18.5 r	F51	2006 YP ₃	2012 07 28.44178	20 43 45.461	-23 02 32.74	20.4 i	F51
2006 DY ₄₁	2012 07 28.39597	19 19 22.880	-13 32 25.93	18.5 r	F51	2006 YG ₂₅	2012 07 28.43242	20 40 09.155	-28 26 00.34	19.5 i	F51
2006 DQ ₆₂	2012 07 28.38093	00 26 57.25	+30 52 19.2	19.2 R	H45	2006 YG ₂₅	2012 07 28.44337	20 40 08.436	-28 26 06.15	19.3 i	F51
2006 DQ ₆₂	2012 07 28.38243	00 26 56.71	+30 52 14.6	19.3 R	H45	2006 YZ ₅₁	2012 07 28.45535	20 55 45.010	-16 04 51.01	19.3 i	F51
2006 DQ ₆₂	2012 07 28.38331	00 26 56.30	+30 52 11.4	19.4 R	H45	2006 YZ ₅₁	2012 07 28.46593	20 55 44.333	-16 04 50.96	19.1 i	F51
2006 DQ ₆₂	2012 07 28.38419	00 26 55.96	+30 52 08.7	19.4 R	H45	2007 AS ₃	2012 07 28.45732	21 08 08.199	-22 09 50.32	20.2 i	F51
2006 DQ ₆₂	2012 07 28.38529	00 26 55.53	+30 52 05.8	19.2 R	H45	2007 AS ₃	2012 07 28.46791	21 08 07.530	-22 09 54.10	20.0 i	F51
2006 DG ₆₆	2012 07 28.43846	21 36 52.800	-28 04 36.68	19.3 i	F51	2007 BB ₁₀	2012 07 28.45929	21 30 55.165	-21 16 39.05	19.9 i	F51
2006 DG ₆₆	2012 07 28.44943	21 36 52.253	-28 04 41.46	19.1 i	F51	2007 BB ₁₀	2012 07 28.46989	21 30 54.552	-21 16 40.85	19.9 i	F51
2006 DU ₁₀₅	2012 07 28.47229	20 21 27.731	-16 42 22.28	20.4 g	F51	2007 BS ₁₆	2012 07 28.45337	20 53 33.134	-21 10 29.80	20.2 i	F51
2006 DU ₁₀₅	2012 07 28.48324	20 21 27.173	-16 42 25.00	20.3 g	F51	2007 BS ₁₆	2012 07 28.46396	20 53 32.482	-21 10 32.31	20.1 i	F51
2006 DE ₁₃₃	2012 07 29.47928	21 08 08.254	-17 00 01.29	20.2 i	F51	2007 CR ₉	2012 07 28.37082	20 16 53.816	-09 46 34.34	19.4 i	F51
2006 DE ₁₃₃	2012 07 29.49066	21 08 07.677	-17 00 05.70	20.1 i	F51	2007 CR ₉	2012 07 28.38181	20 16 53.200	-09 46 38.62	19.2 i	F51
2006 DX ₁₃₃	2012 07 29.47862	21 14 21.073	-13 11 51.43	20.1 i	F51	2007 CR ₉	2012 07 28.39215	20 16 52.626	-09 46 42.80	19.4 r	F51
2006 DX ₁₃₃	2012 07 29.49000	21 14 20.533	-13 11 56.35	19.8 i	F51	2007 CR ₉	2012 07 28.40200	20 16 52.068	-09 46 46.62	19.4 r	F51
2006 DO ₁₈₉	2012 07 28.46061	21 16 54.510	-24 41 34.13	20.3 i	F51	2007 CM ₂₉	2012 07 28.36632	19 41 34.483	-14 44 23.47	19.4 i	F51
2006 DO ₁₈₉	2012 07 28.47120	21 16 53.906	-24 41 36.38	20.0 i	F51	2007 CM ₂₉	2012 07 28.37744	19 41 33.880	-14 44 30.93	19.3 i	F51
2006 DV ₂₁₆	2012 07 29.48401	20 53 09.756	-10 37 11.68	20.2 i	F51	2007 CM ₂₉	2012 07 28.38852	19 41 33.299	-14 44 38.48	19.2 r	F51
2006 DV ₂₁₆	2012 07 29.49539	20 53 09.177	-10 37 14.00	20.0 i	F51	2007 CP ₆₄	2012 07 28.45798	21 21 17.603	-18 03 18.72	20.6 i	F51
2006 FQ ₃	2012 07 28.43846	21 31 42.017	-27 49 53.66	20.5 i	F51	2007 CP ₆₄	2012 07 28.46857	21 21 17.035	-18 03 21.85	20.7 i	F51
2006 FQ ₃	2012 07 28.44943	21 31 41.440	-27 49 56.26	20.2 i	F51	2007 DV ₂₀	2012 07 28.43386	21 06 10.762	-26 51 01.78	19.5 i	F51
2006 HE ₄₆	2012 07 28.46061	21 20 24.352	-22 34 18.60	20.0 i	F51	2007 DV ₂₀	2012 07 28.44482	21 06 09.992	-26 51 01.63	19.7 i	F51
2006 HE ₄₆	2012 07 28.47120	21 20 23.822	-22 34 23.35	20.0 i	F51	2007 DO ₄₇	2012 07 28.55076	22 13 09.930	-00 12 56.92	20.5 i	F51
2006 HO ₁₀₄	2012 07 28.48071	21 08 29.547	-14 57 13.70	20.4 g	F51	2007 DO ₄₇	2012 07 28.55372	22 13 09.859	-00 12 57.69	20.5 i	F51
2006 HO ₁₀₄	2012 07 28.49165	21 08 29.059	-14 57 19.22	20.2 g	F51	2007 DO ₄₇	2012 07 28.55667	22 13 09.794	-00 12 58.43	20.5 i	F51
2006 HO ₁₀₄	2012 07 29.47796	21 07 47.649	-15 05 40.58	19.6 i	F51	2007 DO ₄₇	2012 07 28.55963	22 13 09.723	-00 12 59.19	20.5 i	F51
2006 HO ₁₀₄	2012 07 29.48935	21 07 47.141	-15 05 46.61	19.5 i	F51	2007 DO ₄₇	2012 07 28.56850	22 13 09.519	-00 13 01.35	20.5 i	F51
2006 HZ ₁₁₃	2012 07 28.45732	21 17 38.404	-22 03 18.92	19.7 i	F51	2007 DO ₄₇	2012 07 28.57146	22 13 09.454	-00 13 02.10	20.5 i	F51
2006 HZ ₁₁₃	2012 07 28.46791	21 17 37.928	-22 03 24.62	19.5 i	F51	2007 DO ₄₇	2012 07 29.56375	22 12 47.300	-00 17 12.29	20.0 z	F51
2006 JG ₃	2012 07 28.45666	20 58 10.950	-22 32 26.59	19.3 i	F51	2007 DO ₄₇	2012 07 29.56670	22 12 47.234	-00 17 13.08	20.1 z	F51
2006 JG ₃	2012 07 28.46725	20 58 10.447	-22 32 28.79	19.1 i	F51	2007 DO ₄₇	2012 07 29.57263	22 12 47.101	-00 17 14.45	20.4 z	F51
2006 JG ₂₇	2012 07 29.29681	18 11 19.489	+12 48 23.85	20.0 i	F51	2007 DO ₄₇	2012 07 29.57559	22 12 47.026	-00 17 15.23	20.3 z	F51
2006 JG ₂₇	2012 07 29.30759	18 11 19.195	+12 48 21.35	19.9 i	F51	2007 DO ₄₇	2012 07 29.57854	22 12 46.965	-00 17 15.86	20.3 z	F51
2006 JG ₂₇	2012 07 29.39831	18 11 16.743	+12 47 59.35	20.1 r	F51	2007 DW ₅₁	2012 07 28.37082	20 23 30.132	-11 20 43.77	20.0 z	F51
2006 JK ₃₈	2012 07 29.52686	21 13 37.870	+24 55 02.03	20.4 g	F51	2007 DW ₅₁	2012 07 28.38181	20 23 29.523	-11 20 46.06	20.1 i	F51
2006 JK ₃₈	2012 07 29.53794	21 13 37.280	+24 55 04.83	20.2 g	F51	2007 DW ₅₁	2012 07 28.40200	20 23 28.347	-11 20 50.26	20.1 r	F51
2006 JZ ₄₈	2012 07 28.29226	18 10 45.869	+17 02 35.22	20.6 i	F51	2007 DA ₁₁₁	2012 07 28.45732	21 18 38.722	-22 13 52.08	20.0 i	F51
2006 JZ ₄₈	2012 07 28.30331	18 10 45.571	+17 02 29.73	20.4 i	F51	2007 DA ₁₁₁	2012 07 28.46791	21 18 38.074	-22 13 53.54	19.9 i	F51
2006 JZ ₄₈	2012 07 28.40703	18 10 42.803	+17 01 39.36	20.3 r	F51	2007 ET ₅	2012 07 28.43451	20 55 18.124	-22 57 03.69	19.6 i	F51
2006 JZ ₄₈	2012 07 28.41691	18 10 42.551	+17 01 34.99	20.1 r	F51	2007 ET ₅	2012 07 28.44548	20 55 17.			

2007 HL00	2012 07 28.43714	21 14 13.814	-28 43 20.79	19.2 i	F51	2007 TO168	2012 07 29.49396	21 09 32.877	-11 09 29.33	20.1 i	F51
2007 HL90	2012 07 28.44811	21 14 13.233	-28 43 27.13	19.3 i	F51	2007 TV237	2012 07 28.47881	21 25 11.342	-13 01 16.17	20.1 g	F51
2007 JB	2012 07 29.44094	20 22 45.362	+10 30 14.68	18.6 i	F51	2007 TV237	2012 07 28.48975	21 25 10.824	-13 01 17.62	20.6 g	F51
2007 JB	2012 07 29.45207	20 22 44.545	+10 30 17.76	18.6 i	F51	2007 TZ239	2012 07 28.48071	21 06 43.026	-14 05 26.74	20.6 g	F51
2007 JB	2012 07 29.47290	20 22 43.008	+10 30 23.48	18.7 r	F51	2007 TZ239	2012 07 28.49165	21 06 42.515	-14 05 29.06	20.5 g	F51
2007 JB	2012 07 29.50822	20 22 40.413	+10 30 33.03	19.3 g	F51	2007 TJ354	2012 07 28.60554	23 52 11.984	-15 44 08.61	19.4 z	F51
2007 JB	2012 07 29.51921	20 22 39.606	+10 30 36.03	19.1 g	F51	2007 TJ354	2012 07 28.61708	23 52 12.048	-15 44 13.31	19.5 z	F51
2007 JG	2012 07 28.45929	21 30 58.076	-20 43 44.34	19.8 i	F51	2007 TM355	2012 07 29.48467	20 42 26.943	-10 51 39.41	19.9 i	F51
2007 JG	2012 07 28.46989	21 30 57.587	-20 43 51.39	19.6 i	F51	2007 TM355	2012 07 29.49606	20 42 26.399	-10 51 43.76	19.5 i	F51
2007 JA12	2012 07 28.60554	23 55 45.084	-14 42 14.66	19.8 z	F51	2007 TV355	2012 07 29.47796	21 12 33.946	-13 38 24.46	19.7 i	F51
2007 JA12	2012 07 28.61708	23 55 45.290	-14 42 21.09	19.6 z	F51	2007 TV355	2012 07 29.48935	21 12 33.448	-13 38 30.31	19.9 i	F51
2007 JU17	2012 07 28.47563	21 02 54.439	-12 03 18.75	19.5 g	F51	2007 TZ368	2012 07 28.43780	21 26 38.164	-27 17 53.00	19.0 i	F51
2007 JU17	2012 07 28.48659	21 02 53.933	-12 03 25.44	19.5 g	F51	2007 TZ368	2012 07 28.44877	21 26 37.706	-27 18 00.46	18.9 i	F51
2007 JU17	2012 07 28.48335	21 02 10.916	-12 13 35.90	18.7 i	F51	2007 TP393	2012 07 28.48134	20 53 01.342	-13 37 07.50	20.5 g	F51
2007 JU17	2012 07 29.49473	21 02 10.392	-12 13 42.85	18.6 i	F51	2007 TP393	2012 07 28.49228	20 53 00.725	-13 37 06.95	20.3 g	F51
2007 JD32	2012 07 28.43019	20 31 45.300	-23 34 43.20	19.8 i	F51	2007 TP393	2012 07 29.47730	20 52 07.380	-13 36 19.63	19.5 i	F51
2007 JD32	2012 07 28.44113	20 31 44.684	-23 34 46.56	19.7 i	F51	2007 TP410	2012 07 29.48869	20 52 06.744	-13 36 18.92	19.6 i	F51
2007 LY	2012 07 29.48060	20 33 25.436	-13 00 24.69	20.2 i	F51	2007 TA410	2012 07 29.36868	20 45 42.296	+08 57 09.89	20.3 i	F51
2007 LY	2012 07 29.49197	21 33 24.900	-13 00 30.42	20.2 i	F51	2007 TA410	2012 07 29.37954	20 45 41.800	+08 57 09.72	20.2 i	F51
2007 LR11	2012 07 28.42822	20 20 57.272	-25 16 30.38	20.1 i	F51	2007 TN410	2012 07 28.37147	20 05 38.138	-11 20 36.98	19.5 i	F51
2007 LR11	2012 07 28.43916	20 20 56.642	-25 16 33.65	20.0 i	F51	2007 TN410	2012 07 28.38247	20 05 37.507	-11 20 35.27	19.6 i	F51
2007 LW16	2012 07 28.45732	21 18 07.294	-20 40 35.04	20.3 i	F51	2007 TN410	2012 07 28.39275	20 05 36.945	-11 20 34.02	19.8 r	F51
2007 LW16	2012 07 28.46791	21 18 06.734	-20 40 38.43	20.4 i	F51	2007 TN410	2012 07 28.40261	20 05 36.367	-11 20 32.64	19.8 r	F51
2007 MT20	2012 07 23.85836	15 32 22.04	+54 09 11.1	18.2 R K A24	F51	2007 TK411	2012 07 28.30265	18 25 39.303	+17 40 02.10	20.0 i	F51
2007 MT20	2012 07 23.90516	15 31 58.05	+54 11 44.2	17.7 R K A24	F51	2007 TK411	2012 07 28.31364	18 25 38.898	+17 39 54.93	19.9 i	F51
2007 QO6	2012 07 29.48467	20 44 04.013	-12 48 39.19	19.2 i	F51	2007 TX419	2012 07 28.45535	20 59 37.773	-15 58 42.87	20.0 i	F51
2007 QO6	2012 07 29.49606	20 44 03.458	-12 48 42.93	19.1 i	F51	2007 TX419	2012 07 28.46593	20 59 37.206	-15 58 42.76	20.0 i	F51
2007 QJ17	2012 07 28.43320	20 58 11.325	-28 41 29.75	20.3 i	F51	2007 TP421	2012 07 29.48467	20 37 42.128	-10 57 42.38	19.6 i	F51
2007 QJ17	2012 07 28.44416	20 58 10.724	-28 41 30.53	20.1 i	F51	2007 TP421	2012 07 29.49606	20 37 41.567	-10 57 48.04	19.2 i	F51
2007 RB11	2012 07 28.43846	21 31 30.368	-28 19 18.36	19.8 i	F51	2007 TB438	2012 07 29.48401	20 46 48.453	-10 53 20.65	19.7 i	F51
2007 RB11	2012 07 28.44943	21 31 29.803	-28 19 20.16	19.7 i	F51	2007 TB438	2012 07 29.49539	20 46 47.917	-10 53 23.20	19.7 i	F51
2007 RU21	2012 07 28.45601	21 06 19.727	-18 15 11.61	19.2 i	F51	2007 TK441	2012 07 28.45601	21 06 49.879	-19 30 14.36	19.4 i	F51
2007 RU21	2012 07 28.46659	21 06 19.173	-18 15 12.92	19.2 i	F51	2007 TK441	2012 07 28.46659	21 06 49.398	-19 30 19.16	19.2 i	F51
2007 RB23	2012 07 28.45535	21 01 03.790	-15 55 35.71	19.6 i	F51	2007 UW30	2012 07 28.45864	21 28 50.906	-18 37 48.70	20.4 i	F51
2007 RB23	2012 07 28.46593	21 01 03.240	-15 55 36.51	19.6 i	F51	2007 UW30	2012 07 28.46923	21 28 50.468	-18 37 52.01	20.0 i	F51
2007 RC40	2012 07 28.45271	20 46 23.587	-19 14 47.67	19.4 i	F51	2007 UL33	2012 07 28.45732	21 12 43.400	-22 50 59.33	19.9 i	F51
2007 RC40	2012 07 28.46329	20 46 23.081	-19 14 50.47	19.5 i	F51	2007 UL33	2012 07 28.46791	21 12 42.798	-22 50 58.56	20.4 i	F51
2007 RM54	2012 07 28.45666	21 01 58.305	-22 15 28.58	19.2 i	F51	2007 UU35	2012 07 28.45929	21 26 04.001	-21 10 45.41	20.0 i	F51
2007 RM54	2012 07 28.46725	21 01 57.736	-22 15 28.62	19.1 i	F51	2007 UP93	2012 07 28.46989	21 26 03.534	-21 10 49.18	19.9 i	F51
2007 RX54	2012 07 28.48071	21 05 12.458	-13 30 27.04	20.7 g	F51	2007 UP93	2012 07 29.37421	21 30 47.300	+13 44 56.32	19.6 i	F51
2007 RX54	2012 07 28.49165	21 05 11.911	-13 30 28.26	20.7 g	F51	2007 UP93	2012 07 29.38509	21 30 46.868	+13 44 56.60	19.8 i	F51
2007 RL58	2012 07 28.42888	20 35 18.000	-28 38 22.31	17.9 i	F51	2007 VS1	2012 07 28.30000	18 58 15.230	+17 09 22.46	19.2 i	F51
2007 RL58	2012 07 28.43242	20 35 17.794	-28 38 21.70	17.9 i	F51	2007 VS1	2012 07 28.31099	18 58 14.647	+17 09 20.13	19.1 i	F51
2007 RL58	2012 07 28.43982	20 35 17.359	-28 38 20.47	17.9 i	F51	2007 VS1	2012 07 28.41389	18 58 09.182	+17 08 57.08	19.4 r	F51
2007 RL58	2012 07 28.44337	20 35 17.149	-28 38 19.83	17.7 i	F51	2007 VS1	2012 07 28.42372	18 58 08.624	+17 08 54.31	19.2 r	F51
2007 RM61	2012 07 29.48060	21 32 17.210	-13 53 17.11	20.4 i	F51	2007 VD5	2012 07 28.47500	20 48 40.356	-13 18 14.37	20.3 g	F51
2007 RM61	2012 07 29.49197	21 32 16.699	-13 53 19.20	20.4 i	F51	2007 VD5	2012 07 28.48595	20 48 39.797	-13 18 14.79	20.3 g	F51
2007 RO113	2012 07 28.45929	21 19 24.907	-20 48 23.58	19.8 i	F51	2007 VD5	2012 07 29.48401	20 47 50.735	-13 19 00.39	19.9 i	F51
2007 RO113	2012 07 28.46989	21 19 24.354	-20 48 24.28	19.9 i	F51	2007 VD5	2012 07 29.49539	20 47 50.145	-13 19 01.02	19.8 i	F51
2007 RC126	2012 07 28.30133	18 37 49.938	+16 56 56.56	18.9 i	F51	2007 VV67	2012 07 28.43320	20 51 16.792	-29 19 01.88	20.2 i	F51
2007 RC126	2012 07 28.31232	18 37 49.478	+16 56 44.33	18.9 i	F51	2007 VV67	2012 07 28.44416	20 51 16.189	-29 19 03.94	19.9 i	F51
2007 RS135	2012 07 28.43583	21 13 51.395	-27 53 40.66	19.6 i	F51	2007 VQ92	2012 07 28.45403	20 52 03.377	-20 13 25.07	19.3 i	F51
2007 RS135	2012 07 28.43714	21 13 51.319	-27 53 40.85	19.6 i	F51	2007 VQ92	2012 07 28.46462	20 52 02.787	-20 13 24.85	19.1 i	F51
2007 RS135	2012 07 28.44679	21 13 50.779	-27 53 41.58	19.6 i	F51	2007 VW93	2012 07 28.37082	20 20 49.229	-09 57 41.14	19.6 i	F51
2007 RS135	2012 07 28.44811	21 13 50.704	-27 53 41.89	19.7 i	F51	2007 VW93	2012 07 28.38181	20 20 48.741	-09 57 42.03	19.5 i	F51
2007 RP150	2012 07 29.43667	19 54 10.863	+14 04 59.30	19.5 i	F51	2007 VW93	2012 07 28.39215	20 20 48.289	-09 57 42.92	19.9 r	F51
2007 RP150	2012 07 29.45906	19 54 09.540	+14 04 36.76	19.8 i	F51	2007 VW93	2012 07 28.40200	20 20 47.850	-09 57 43.58	19.9 r	F51
2007 RP150	2012 07 29.46925	19 54 08.936	+14 04 26.42	19.9 r	F51	2007 VB111	2012 07 28.46061	21 19 37.023	-24 27 08.39	20.0 i	F51
2007 RS172	2012 07 28.45337	20 49 14.131	-21 38 07.02	19.6 i	F51	2007 VB111	2012 07 28.47120	21 19 36.545	-24 27 10.94	19.8 i	F51
2007 RS172	2012 07 28.46396	20 49 13.559	-21 38 09.44	19.6 i	F51	2007 WS49	2012 07 28.43242	20 37 17.820	-30 09 12.18	19.7 i	F51
2007 RP239	2012 07 28.43164	20 50 52.973	-25 23 30.06	19.6 i	F51	2007 WS49	2012 07 28.44337	20 37 17.276	-30 09 15.30	19.4 i	F51
2007 RP239	2012 07 28.44258	20 50 52.356	-25 23 30.95	19.6 i	F51	2007 XN5	2012 07 29.43392	19 40 24.021	+12 16 14.38	18.6 i	F51
2007 RN247	2012 07 28.45139	20 28 09.436	-18 46 58.90	19.2 i	F51	2007 XN5	2012 07 29.45644	19 40 22.267	+12 16 21.73	18.7 r	F51
2007 RN247	2012 07 28.46197	20 28 08.899	-18 47 01.37	19.2 i	F51	2007 XN5	2012 07 29.46663	19 40 21.479	+12 16 25.12	18.7 r	F51
2007 RE288	2012 07 28.47754	21 25 54.839	-10 32 13.62	20.2 g	F51	2007 XN5	2012 07 29.50133	19 40 18.798	+12 16 36.35	19.3 g	F51
2007 RE288	2012 07 28.48849	21 25 54.335	-10 32 14.51	20.1 g	F51	2007 XN5	2012 07 29.51229	19 40 17.948	+12 16 39.85	19.2 g	F51
2007 RH315	2012 07 29.55741	22 13 54.529	+01 03 03.04	19.7 z	F51	2008 CK4	2012 07 28.45271	20 43 03.443	-19 33 00.78	19.7 i	F51
2007 RH315	2012 07 29.56080	22 13 54.420	+01 03 02.58	19.4 z	F51	2008 CK4	2012 07 28.46329	20 43 02.668	-19 33 00.72	19.7 i	F51
2007 RH315	2012 07 29.56375	22 13 54.305	+01 03 02.18	19.5 z	F51	2008 CH122	2012 07 28.45732	21 16 38.102	-20 30 36.55	20.0 i	F51
2007 RH315	2012 07 29.56670	22 13 54.219	+01 03 01.99	19.6 z	F51	2008 CH122	2012 07 28.46791	21 16 37.355	-20 30 37.87	20.0 i	F51
2007 RH315	2012 07 29.56967	22 13 54.116	+01 03 01.59	19.7 z	F51	2008 CC215	2012 07 29.47928	21 16 19.485	-16 28 56.22	20.4 i	F51
2007 RH315	2012 07 29.57263	22 13 54.020	+01 03 01.21	19.8 z	F						

2008 HN3	2012 07 28.43648	21 10 06.635	-29 59 39.56	19.4 i	F51	2008 RG117	2012 07 28.38792	19 24 48.217	-16 53 18.70	18.8 r	F51
2008 HN3	2012 07 28.44746	21 10 05.957	-29 59 44.28	19.3 i	F51	2008 RG117	2012 07 28.39778	19 24 47.663	-16 53 15.89	18.9 r	F51
2008 HJ14	2012 07 28.45469	20 47 19.152	-17 49 52.71	20.1 i	F51	2008 RB118	2012 07 28.45205	20 30 49.259	-20 55 26.81	19.7 i	F51
2008 HJ14	2012 07 28.46528	20 47 18.445	-17 49 54.71	20.0 i	F51	2008 RB118	2012 07 28.46263	20 30 48.662	-20 55 27.62	19.5 i	F51
2008 HN67	2012 07 29.48060	21 33 21.444	-13 09 02.80	19.9 i	F51	2008 RF118	2012 07 29.48258	21 11 45.422	-11 06 58.45	20.0 i	F51
2008 HN67	2012 07 29.49197	21 33 20.836	-13 09 06.33	19.7 i	F51	2008 RF118	2012 07 29.49396	21 11 44.831	-11 07 00.46	20.0 i	F51
2008 HR70	2012 07 28.43517	21 08 11.534	-23 00 46.57	19.2 i	F51	2008 RH130	2012 07 28.36920	20 13 47.701	-17 02 15.44	20.0 i	F51
2008 HR70	2012 07 28.44614	21 08 10.925	-23 00 52.03	19.2 i	F51	2008 RH130	2012 07 28.38029	20 13 47.088	-17 02 17.18	19.7 i	F51
2008 JQ14	2012 07 30.234303	20 26 28.43	+15 00 31.1	20.5 V	K H21	2008 RH130	2012 07 28.39093	20 13 46.492	-17 02 19.00	19.8 r	F51
2008 JQ14	2012 07 30.243929	20 26 27.88	+15 00 21.8	20.4 V	K H21	2008 RH130	2012 07 28.40079	20 13 45.952	-17 02 20.73	19.8 r	F51
2008 JQ14	2012 07 30.254229	20 26 27.24	+15 00 12.1		K H21	2008 RL138	2012 07 28.43780	21 25 00.848	-26 39 54.33	19.6 i	F51
2008 JZ30	2012 07 19.94130	18 56 49.20	+37 27 09.5	17.9 R	K A24	2008 RL138	2012 07 28.44877	21 25 00.259	-26 39 56.88	19.5 i	F51
2008 JZ30	2012 07 19.95693	18 56 49.97	+37 26 22.8	17.9 R	K A24	2008 SE5	2012 07 29.47994	21 29 13.964	-15 42 40.09	19.8 i	F51
2008 JZ30	2012 07 19.97483	18 56 51.02	+37 25 29.5	18.0 R	K A24	2008 SE5	2012 07 29.49131	21 29 13.424	-15 42 44.02	19.7 i	F51
2008 JZ30	2012 07 19.98998	18 56 51.76	+37 24 44.6	18.4 R	K A24	2008 SV6	2012 07 28.47296	20 33 40.088	-15 06 12.45	19.9 g	F51
2008 JZ30	2012 07 19.99142	18 56 51.89	+37 24 40.2	18.3 R	K A24	2008 SV6	2012 07 28.48390	20 33 39.523	-15 06 16.78	19.9 g	F51
2008 JZ30	2012 07 23.89275	19 00 47.07	+34 03 35.3	18.8 R	K A24	2008 SV6	2012 07 29.47532	20 32 50.993	-15 13 03.29	19.4 i	F51
2008 JZ30	2012 07 23.89420	19 00 47.13	+34 03 31.2	18.5 R	K A24	2008 SV6	2012 07 29.48671	20 32 50.405	-15 13 07.77	19.2 i	F51
2008 JZ30	2012 07 23.90850	19 00 47.92	+34 02 45.2	18.9 R	K A24	2008 SE11	2012 07 28.45798	21 18 27.353	-18 56 47.28	19.3 i	F51
2008 JZ30	2012 07 23.92606	19 00 48.92	+34 01 49.2	18.3 R	K A24	2008 SE11	2012 07 28.46857	21 18 26.852	-18 56 50.90	19.2 i	F51
2008 JZ30	2012 07 23.94036	19 00 49.63	+34 01 03.7	18.5 R	K A24	2008 SN29	2012 07 28.48134	20 54 29.116	-15 33 23.64	20.8 g	F51
2008 JZ30	2012 07 23.94181	19 00 49.75	+34 00 58.7	18.3 R	K A24	2008 SN29	2012 07 28.49228	20 54 28.519	-15 33 24.88	20.6 g	F51
2008 KO1	2012 07 28.47690	21 16 56.053	-15 05 11.31	20.2 g	F51	2008 SN29	2012 07 29.47730	20 53 37.615	-15 36 11.46	19.8 i	F51
2008 KO1	2012 07 28.48786	21 16 55.526	-15 05 17.05	20.2 g	F51	2008 SN29	2012 07 29.48869	20 53 37.005	-15 36 13.58	19.7 i	F51
2008 LU6	2012 07 28.37213	20 01 57.455	-11 13 15.42	19.3 i	F51	2008 SC32	2012 07 28.45864	21 32 46.931	-20 05 09.83	20.0 i	F51
2008 LU6	2012 07 28.38313	20 01 56.893	-11 13 22.40	19.3 i	F51	2008 SC32	2012 07 28.46923	21 32 46.384	-20 05 10.66	20.3 i	F51
2008 LU6	2012 07 28.39335	20 01 56.367	-11 13 28.87	19.3 r	F51	2008 SF40	2012 07 28.42822	20 19 22.879	-26 00 17.84	20.0 i	F51
2008 LU6	2012 07 28.40321	20 01 55.857	-11 13 35.09	19.2 r	F51	2008 SF40	2012 07 28.43916	20 19 22.250	-26 00 19.80	20.3 i	F51
2008 LA17	2012 07 28.45601	21 05 19.202	-19 06 34.99	20.1 i	F51	2008 SK43	2012 07 28.45995	21 34 07.837	-24 08 46.64	19.5 i	F51
2008 LA17	2012 07 28.46659	21 05 18.608	-19 06 40.67	20.1 i	F51	2008 SK43	2012 07 28.47054	21 34 07.213	-24 08 48.27	19.6 i	F51
2008 OX1	2012 07 26.96071	23 55 43.43	+27 43 23.7		K 204	2008 SC50	2012 07 29.48192	21 29 28.880	-10 40 18.28	19.9 i	F51
2008 OX1	2012 07 26.97476	23 55 36.78	+27 44 56.7		K 204	2008 SC50	2012 07 29.49329	21 29 28.324	-10 40 20.75	19.8 i	F51
2008 OX1	2012 07 26.98880	23 55 30.06	+27 46 28.6	19.7 R	K 204	2008 SV50	2012 07 29.47928	21 13 56.350	-17 48 16.56	19.4 i	F51
2008 OZ4	2012 07 28.48197	20 41 17.430	-14 47 16.18	20.0 g	F51	2008 SU51	2012 07 29.49066	21 13 55.761	-17 48 18.87	19.3 i	F51
2008 OZ4	2012 07 28.49291	20 41 16.698	-14 47 14.11	20.1 g	F51	2008 SU51	2012 07 28.45535	21 03 25.942	-17 25 36.25	20.2 i	F51
2008 OZ4	2012 07 29.47664	20 40 13.037	-14 44 18.76	19.2 i	F51	2008 SD54	2012 07 28.46593	21 03 25.364	-17 25 38.32	20.3 i	F51
2008 OZ4	2012 07 29.48803	20 40 12.277	-14 44 16.71	19.1 i	F51	2008 SF55	2012 07 28.45798	21 20 30.488	-19 50 56.94	19.7 i	F51
2008 PK12	2012 07 28.43517	21 04 11.074	-24 48 11.83	18.9 i	F51	2008 SF55	2012 07 28.46857	21 20 29.923	-19 50 59.11	19.6 i	F51
2008 PH18	2012 07 28.44614	21 04 10.240	-24 48 09.54	18.9 i	F51	2008 SK56	2012 07 28.45601	21 04 24.473	-19 25 45.45	19.7 i	F51
2008 PH18	2012 07 29.30215	19 11 23.771	+10 51 14.30	19.4 i	F51	2008 SK56	2012 07 28.46659	21 04 23.895	-19 25 47.63	20.0 i	F51
2008 PH18	2012 07 29.31295	19 11 23.209	+10 51 02.20	19.5 i	F51	2008 SC72	2012 07 28.45403	20 51 27.436	-19 00 41.93	19.2 i	F51
2008 PH18	2012 07 29.39323	19 11 18.983	+10 49 31.82	19.8 r	F51	2008 SC72	2012 07 28.46462	20 51 26.742	-19 00 40.92	19.0 i	F51
2008 QD	2012 07 28.50392	21 38 46.048	+10 34 31.00	20.4 g	F51	2008 SV90	2012 07 28.45798	21 19 51.204	-19 21 56.18	20.2 i	F51
2008 QD	2012 07 28.51435	21 38 45.638	+10 34 30.35	20.7 g	F51	2008 SV90	2012 07 28.46857	21 19 50.650	-19 21 58.22	20.3 i	F51
2008 QL16	2012 07 28.45469	20 44 40.631	-16 20 56.46	19.3 i	F51	2008 SJ101	2012 07 28.45601	21 06 25.827	-19 43 17.35	19.7 i	F51
2008 QL16	2012 07 28.46528	20 44 40.051	-16 21 02.84	19.2 i	F51	2008 SJ101	2012 07 28.46659	21 06 25.302	-19 43 21.35	19.6 i	F51
2008 QP19	2012 07 28.43583	21 17 46.358	-26 20 32.85	19.2 i	F51	2008 SX126	2012 07 28.47690	21 23 50.778	-13 52 23.71	20.1 g	F51
2008 QP19	2012 07 28.44679	21 17 45.911	-26 20 38.90	19.2 i	F51	2008 SX126	2012 07 28.47881	21 23 50.692	-13 52 23.92	20.0 g	F51
2008 QB22	2012 07 26.93448	22 35 08.21	+00 23 22.3	19.2 V	D03	2008 SX126	2012 07 28.48786	21 23 50.250	-13 52 25.61	20.1 g	F51
2008 QB22	2012 07 26.94963	22 35 07.83	+00 23 23.4	19.2 V	D03	2008 SX126	2012 07 28.48975	21 23 50.156	-13 52 25.96	19.9 g	F51
2008 QB22	2012 07 26.96495	22 35 07.34	+00 23 26.2	19.5 V	D03	2008 SX141	2012 07 28.43019	20 32 06.098	-24 09 30.08	18.7 i	F51
2008 QH22	2012 07 29.36687	20 20 18.94	-21 26 04.0	19.2 R	H15	2008 SX141	2012 07 28.44113	20 32 05.495	-24 09 32.88	18.8 i	F51
2008 QH22	2012 07 29.38186	20 20 18.00	-21 26 02.9	19.0 R	H15	2008 SD146	2012 07 28.47229	20 23 44.173	-15 05 15.24	20.3 g	F51
2008 QH22	2012 07 29.39702	20 20 16.97	-21 25 59.6	19.3 R	H15	2008 SD146	2012 07 28.48324	20 23 43.660	-15 05 16.02	20.5 g	F51
2008 QH22	2012 07 29.41422	20 20 15.82	-21 25 59.4	19.1 R	H15	2008 SC151	2012 07 29.55741	22 20 31.191	+00 58 06.11	18.4 z	F51
2008 QT31	2012 07 28.45666	20 59 14.570	-22 44 32.83	19.9 i	F51	2008 SC151	2012 07 29.56080	22 20 31.072	+00 58 08.09	18.7 z	F51
2008 QT31	2012 07 28.46725	20 59 13.876	-22 44 33.24	19.9 i	F51	2008 SC151	2012 07 29.56375	22 20 30.961	+00 58 09.84	18.7 z	F51
2008 QZ37	2012 07 28.42822	20 22 07.885	-27 16 00.01	19.8 i	F51	2008 SC151	2012 07 29.56670	22 20 30.870	+00 58 11.25	18.3 z	F51
2008 QZ37	2012 07 28.43916	20 22 07.214	-27 16 01.28	19.8 i	F51	2008 SC151	2012 07 29.56967	22 20 30.753	+00 58 12.99	18.6 z	F51
2008 QP38	2012 07 28.47690	21 21 34.491	-14 09 19.61	19.8 g	F51	2008 SC151	2012 07 29.57263	22 20 30.575	+00 58 14.34	19.6 z	F51
2008 QP38	2012 07 28.48786	21 21 33.884	-14 09 19.62	19.8 g	F51	2008 SC151	2012 07 29.57559	22 20 30.553	+00 58 16.27	18.8 z	F51
2008 QE44	2012 07 28.47563	21 04 57.155	-12 26 46.92	19.5 g	F51	2008 SC151	2012 07 29.57854	22 20 30.459	+00 58 17.70	18.6 z	F51
2008 QE44	2012 07 28.48659	21 04 56.743	-12 26 50.93	19.4 g	F51	2008 SE166	2012 07 28.46061	21 16 33.716	-24 48 46.14	19.8 i	F51
2008 RH	2012 07 25.34799	23 08 06.42	-10 00 53.3	19.9 V	G53	2008 SE166	2012 07 28.47120	21 16 33.134	-24 48 48.68	19.6 i	F51
2008 RH	2012 07 25.36166	23 08 06.37	-10 00 58.7	19.8 V	G53	2008 SB174	2012 07 28.37082	20 24 51.450	-11 46 31.27	19.1 i	F51
2008 RH	2012 07 25.37534	23 08 06.26	-10 01 03.1	20.5 V	G53	2008 SB174	2012 07 28.38181	20 24 50.770	-11 46 30.05	19.1 i	F51
2008 RM2	2012 07 28.48335	21 01 04.479	-11 00 13.56	20.2 i	F51	2008 SB174	2012 07 28.39215	20 24 50.123	-11 46 28.82	19.3 r	F51
2008 RM2	2012 07 29.49473	21 01 03.869	-11 00 15.72	19.8 i	F51	2008 SM199	2012 07 28.55076	22 16 34.731	+01 12 22.15	21.5 i	F51
2008 RH4	2012 07 28.47690	21 19 09.362	-12 32 58.47	20.8 g	F51	2008 SM199	2012 07 28.55667	22 16 34.519	+01 12 21.50	21.4 i	F51
2008 RH4	2012 07 28.48786	21 19 08.804	-12 33 00.93	20.7 g	F51	2008 SM199	2012 07 28.55963	22 16 34.426	+01 12 21.25	21.5 i	F51
2008 RH4	2012 07 29.47862	21 18 20.402	-12 36 23.85	19.9 i	F51	2008 SM199	2012 07 28.56259	22 16 34.312	+01 12 20.99	21.5 i	F51
2008 RH4	2012 07 29.49000	21 18 19.804	-12 32 06.02	20.1 i	F51	2008 SM199	2012 07 28.56850	22 16 34.11			

2008 TU ₃₈	2012 07 28.46923	21 34 42.854	-19 25 11.51	19.7 i	F51	2008 UY ₂₄₁	2006 02 24.33817	10 44 33.86	+06 15 58.3	20.6 V	G96
2008 TF ₆₁	2012 07 28.43846	21 30 34.227	-29 05 29.95	19.8 i	F51	2008 UY ₂₄₁	2006 02 24.34450	10 44 33.46	+06 16 02.5	20.5 V	G96
2008 TF ₆₁	2012 07 28.44943	21 30 33.598	-29 05 32.26	19.6 i	F51	2008 UY ₂₄₁	2006 02 24.35080	10 44 33.32	+06 16 05.0	20.7 V	G96
2008 TK ₈₀	2012 07 28.43386	21 03 12.050	-26 18 21.01	19.4 i	F51	2008 UY ₂₄₁	2008 09 07.39627	02 22 16.06	+01 15 30.7	20.3 V	703
2008 TK ₈₀	2012 07 28.44482	21 03 11.439	-26 18 23.40	19.5 i	F51	2008 UY ₂₄₁	2008 09 07.40286	02 22 16.28	+01 15 24.5	19.8 V	703
2008 TG ₈₁	2012 07 28.43583	21 14 27.445	-25 29 21.70	20.2 i	F51	2008 UY ₂₄₁	2008 09 07.40936	02 22 16.46	+01 15 20.6	20.1 V	703
2008 TG ₈₁	2012 07 28.44679	21 14 26.833	-25 29 24.14	20.4 i	F51	2008 UY ₂₄₁	2008 09 07.41593	02 22 16.60	+01 15 16.5	19.7 V	703
2008 TN ₈₃	2012 07 29.48060	21 25 20.953	-14 10 07.58	20.2 i	F51	2008 UP ₃₂₁	2012 07 28.45601	21 04 15.440	-18 56 17.05	19.8 i	F51
2008 TN ₈₃	2012 07 29.49197	21 25 20.371	-14 10 09.77	20.1 i	F51	2008 UP ₃₂₁	2012 07 28.46659	21 04 14.860	-18 56 18.24	19.7 i	F51
2008 TZ ₈₅	2012 07 28.43164	20 50 44.614	-27 18 14.13	20.2 i	F51	2008 UA ₃₂₇	2012 07 28.46061	21 23 01.870	-23 08 55.49	20.1 i	F51
2008 TZ ₈₅	2012 07 28.44258	20 50 43.948	-27 18 15.98	20.6 i	F51	2008 UA ₃₂₇	2012 07 28.47120	21 23 01.374	-23 09 00.19	20.1 i	F51
2008 TE ₀₈	2012 07 28.45535	20 57 21.091	-16 34 50.45	20.3 i	F51	2008 UU ₃₃₇	2012 07 28.43019	20 31 41.203	-22 33 06.37	20.1 i	F51
2008 TE ₀₈	2012 07 28.46593	20 57 20.511	-16 34 51.68	20.5 i	F51	2008 UU ₃₃₇	2012 07 28.44113	20 31 40.596	-22 33 08.29	20.0 i	F51
2008 TS ₁₁₅	2004 09 16.44349	05 14 14.97	+23 12 54.1	21.4 V	291	2008 VB ₁	2012 07 24.30129	23 26 51.72	-37 39 21.6	21.2 V	32 807
2008 TS ₁₁₅	2004 09 16.45468	05 14 15.70	+23 12 52.2	21.1 V	291	2008 VB ₁	2012 07 24.31339	23 26 50.58	-37 39 35.2	21.2 V	32 807
2008 TS ₁₁₅	2004 09 16.46592	05 14 16.46	+23 12 50.5	21.1 V	291	2008 VB ₁	2012 07 24.32202	23 26 49.78	-37 39 45.0	21.0 V	32 807
2008 TS ₁₁₅	2012 07 21.92603	22 15 53.69	+08 35 19.7	19.9 R	114	2008 VB ₁	2012 07 28.27415	23 20 29.38	-38 52 14.6	20.7 V	32 807
2008 TS ₁₁₅	2012 07 21.92997	22 15 53.59	+08 35 20.5	19.6 R	114	2008 VB ₁	2012 07 28.27899	23 20 28.84	-38 52 20.3	20.9 V	32 807
2008 TS ₁₁₅	2012 07 21.93389	22 15 53.52	+08 35 21.9	20.0 R	114	2008 VB ₁	2012 07 28.28317	23 20 28.33	-38 52 24.9	20.8 V	32 807
2008 TS ₁₁₅	2012 07 21.93784	22 15 53.43	+08 35 22.5	19.9 R	114	2008 VT ₅₀	2012 07 28.98731	23 33 39.42	-06 37 07.0	18.3 R	106
2008 TS ₁₁₅	2012 07 21.94175	22 15 53.35	+08 35 23.4	19.8 R	114	2008 VT ₅₀	2012 07 29.00034	23 33 39.80	-06 37 08.8	18.3 R	106
2008 TS ₁₁₅	2012 07 22.93530	22 15 32.05	+08 39 21.7	19.5 R	114	2008 VT ₅₀	2012 07 29.01332	23 33 40.25	-06 37 10.9	18.7 R	106
2008 TS ₁₁₅	2012 07 22.93922	22 15 31.98	+08 39 22.3	19.8 R	114	2008 VT ₅₀	2012 07 29.02636	23 33 40.64	-06 37 12.2	17.8 R	106
2008 TS ₁₁₅	2012 07 22.94236	22 15 31.84	+08 39 23.3	19.9 R	114	2008 VB ₅₃	2012 07 28.286897	22 54 45.01	-03 35 41.5	20.2 V	K H21
2008 TS ₁₁₅	2012 07 22.94626	22 15 31.77	+08 39 24.3	19.8 R	114	2008 VB ₅₃	2012 07 28.299348	22 54 44.77	-03 35 41.7	20.3 V	K H21
2008 TS ₁₁₅	2012 07 22.95021	22 15 31.70	+08 39 25.5	20.3 R	114	2008 VB ₅₃	2012 07 28.311789	22 54 44.50	-03 35 42.0	21.1 V	K H21
2008 TT ₁₁₆	2012 07 28.43517	21 07 59.539	-25 31 00.10	19.8 i	F51	2008 VB ₅₃	2012 07 28.323597	22 54 44.24	-03 35 42.4	21.0 V	K H21
2008 TT ₁₁₆	2012 07 28.43583	21 07 59.499	-25 31 00.03	19.5 i	F51	2008 VP ₅₃	2012 07 28.60711	23 42 25.091	-09 05 30.12	19.7 z	F51
2008 TT ₁₁₆	2012 07 28.44614	21 07 58.825	-25 31 00.20	20.1 i	F51	2008 VP ₅₃	2012 07 28.61866	23 42 25.495	-09 05 31.68	19.0 z	F51
2008 TT ₁₁₆	2012 07 28.44679	21 07 58.806	-25 30 59.90	19.5 i	F51	2008 VH ₅₅	2012 07 28.37213	20 02 15.303	-12 07 16.85	19.9 i	F51
2008 TY ₁₂₆	2012 07 28.45601	21 08 49.441	-18 45 42.34	20.5 i	F51	2008 VH ₅₅	2012 07 28.38313	20 02 14.745	-12 07 18.26	19.8 i	F51
2008 TY ₁₂₆	2012 07 28.46659	21 08 48.842	-18 45 43.29	20.3 i	F51	2008 VH ₅₅	2012 07 28.39335	20 02 14.204	-12 07 19.96	20.0 r	F51
2008 TT ₁₂₉	2012 07 28.46061	21 15 51.001	-24 28 13.29	19.8 i	F51	2008 WH ₅₅	2012 07 28.40321	20 02 13.707	-12 07 21.42	19.8 r	F51
2008 TT ₁₂₉	2012 07 28.47120	21 15 50.410	-24 28 15.11	20.0 i	F51	2008 WU ₇	2012 07 28.45732	21 12 47.237	-20 46 19.63	20.6 i	F51
2008 TW ₁₇₈	2012 07 29.48126	21 32 38.822	-10 09 43.63	19.0 i	F51	2008 WU ₇	2012 07 28.46791	21 12 46.704	-20 46 22.47	20.4 i	F51
2008 TW ₁₇₈	2012 07 29.49263	21 32 38.368	-10 09 49.23	18.9 i	F51	2008 WZ ₁₃	2012 07 29.28477	19 37 35.19	-38 50 34.9	20.0 V	32 807
2008 TU ₁₈₀	2012 07 28.37082	20 21 24.734	-11 47 15.22	19.2 i	F51	2008 WZ ₁₃	2012 07 29.28794	19 37 34.89	-38 50 34.1	20.2 V	32 807
2008 TU ₁₈₀	2012 07 28.39215	20 21 23.589	-11 47 29.11	19.3 r	F51	2008 WZ ₁₃	2012 07 29.29108	19 37 34.61	-38 50 33.4	20.3 V	32 807
2008 TU ₁₈₀	2012 07 28.40200	20 21 23.061	-11 47 35.63	19.2 r	F51	2008 WZ ₁₃	2012 07 29.29419	19 37 34.33	-38 50 32.6	20.2 V	32 807
2008 TL ₁₈₁	2012 07 28.47627	21 16 20.136	-11 26 14.10	20.2 g	F51	2008 WZ ₁₃	2012 07 29.29729	19 37 34.05	-38 50 31.7	20.0 V	32 807
2008 TL ₁₈₁	2012 07 28.48722	21 16 19.620	-11 26 19.87	20.4 g	F51	2008 WZ ₁₃	2012 07 30.30072	19 36 07.38	-38 46 43.8	19.4 V	32 807
2008 TL ₁₈₁	2012 07 29.48258	21 15 35.533	-11 35 10.49	19.6 i	F51	2008 WZ ₁₃	2012 07 30.30677	19 36 06.84	-38 46 42.1	19.8 V	32 807
2008 TL ₁₈₁	2012 07 29.49396	21 15 35.002	-11 35 16.67	19.3 i	F51	2008 WZ ₁₃	2012 07 30.31332	19 36 06.27	-38 46 40.3	19.5 V	32 807
2008 UV ₆	2012 07 28.45732	21 13 42.302	-21 12 38.50	20.0 i	F51	2008 WZ ₁₃	2012 07 30.31927	19 36 05.76	-38 46 38.7	20.1 V	32 807
2008 UV ₆	2012 07 28.46791	21 13 41.770	-21 12 41.03	19.8 i	F51	2008 WZ ₁₃	2012 07 30.32536	19 36 05.24	-38 46 37.2	19.6 V	32 807
2008 UH ₁₀	2012 07 29.48335	21 02 59.338	-10 44 44.62	20.0 i	F51	2008 WP ₁₈	2012 07 28.48071	21 01 49.849	-14 36 33.30	20.5 g	F51
2008 UH ₁₀	2012 07 29.49473	21 02 58.730	-10 44 46.19	20.1 i	F51	2008 WP ₁₈	2012 07 28.48134	21 01 49.796	-14 36 33.02	20.5 g	F51
2008 UO ₂₉	2012 07 28.45601	21 09 29.353	-20 24 37.73	20.3 i	F51	2008 WP ₁₈	2012 07 28.49165	21 01 49.280	-14 36 35.30	20.3 g	F51
2008 UO ₂₉	2012 07 28.45732	21 09 29.282	-20 24 38.06	20.3 i	F51	2008 WP ₁₈	2012 07 28.49228	21 01 49.247	-14 36 35.49	20.6 g	F51
2008 UO ₂₉	2012 07 28.46659	21 09 28.811	-20 24 40.46	20.3 i	F51	2008 WP ₁₈	2012 07 29.47730	21 01 00.541	-14 39 55.34	19.6 i	F51
2008 UO ₂₉	2012 07 28.46791	21 09 28.743	-20 24 40.84	20.3 i	F51	2008 WP ₁₈	2012 07 29.48869	21 00 59.957	-14 39 57.72	19.6 i	F51
2008 UU ₂₉	2012 07 29.37355	21 22 34.152	+09 40 27.71	20.1 i	F51	2008 WM ₄₁	2012 07 28.51922	20 41 19.006	+22 18 24.56	20.5 g	F51
2008 UU ₂₉	2012 07 29.38443	21 22 33.669	+09 40 27.40	19.9 i	F51	2008 WM ₄₁	2012 07 28.52964	20 41 18.466	+22 18 25.71	20.6 g	F51
2008 UB ₃₁	2012 07 28.30133	18 45 48.095	+15 41 22.86	20.0 i	F51	2008 WT ₄₅	2012 07 28.37082	20 16 18.188	-11 47 46.49	19.9 i	F51
2008 UB ₃₁	2012 07 28.31232	18 45 47.665	+15 41 20.19	20.2 i	F51	2008 WT ₄₅	2012 07 28.38181	20 16 17.656	-11 47 47.33	19.9 i	F51
2008 US ₇₈	2012 07 28.45732	21 10 36.199	-22 31 46.25	19.8 i	F51	2008 WT ₄₅	2012 07 28.39215	20 16 17.163	-11 47 48.25	20.1 r	F51
2008 US ₇₈	2012 07 28.46791	21 10 35.615	-22 31 48.83	19.8 i	F51	2008 WT ₄₅	2012 07 28.40200	20 16 16.696	-11 47 49.09	20.1 r	F51
2008 UY ₇₈	2012 07 29.48258	21 11 27.138	-11 04 47.76	19.2 i	F51	2008 WR ₆₁	2012 07 29.37615	01 25 35.11	+32 11 39.4	19.0 i	704
2008 UY ₇₈	2012 07 29.49396	21 11 26.555	-11 04 48.88	19.1 i	F51	2008 WR ₆₁	2012 07 29.38734	01 25 36.25	+32 11 49.1	19.5 i	704
2008 UU ₉₀	2012 07 28.45139	20 27 42.313	-19 00 41.42	19.5 i	F51	2008 WR ₆₁	2012 07 29.39854	01 25 37.32	+32 11 59.0	19.1 i	704
2008 UU ₉₀	2012 07 28.46197	20 27 41.716	-19 00 42.92	19.5 i	F51	2008 WR ₆₁	2012 07 29.40979	01 25 38.54	+32 12 09.5	19.8 i	704
2008 UN ₉₂	2012 07 28.43164	20 49 46.089	-25 44 05.47	19.4 i	F51	2008 WR ₆₁	2012 07 29.42149	01 25 39.63	+32 12 19.8	19.2 i	704
2008 UN ₉₂	2012 07 28.44258	20 49 45.486	-25 44 10.27	19.3 i	F51	2008 WR ₆₁	2012 07 28.48261	20 36 43.082	-15 16 35.52	20.2 g	F51
2008 UU ₁₀₈	2012 07 28.239578	21 06 14.79	-22 14 04.7	19.6 V	K H21	2008 WK ₉₈	2012 07 28.49354	20 36 42.470	-15 16 35.30	20.2 g	F51
2008 UU ₁₀₈	2012 07 28.242792	21 06 14.61	-22 14 05.5	19.9 V	K H21	2008 WZ ₁₁₄	2012 07 28.55076	22 21 49.287	+01 00 57.55	20.5 i	F51
2008 UU ₁₀₈	2012 07 28.246008	21 06 14.45	-22 14 05.7	19.9 V	K H21	2008 WZ ₁₁₄	2012 07 28.55372	22 21 49.181	+01 00 57.49	20.6 i	F51
2008 UU ₁₀₈	2012 07 28.249222	21 06 14.30	-22 14 07.7	19.4 V	K H21	2008 WZ ₁₁₄	2012 07 28.55667	22 21 49.084	+01 00 57.43	20.6 i	F51
2008 UP ₁₁₈	2012 07 28.60927	23 45 25.590	-03 17 08.47								

2008 YZ27	2012 07 26.96549	21 53 11.16	-05 05 39.5	19.4 V K	198	2009 KA	2010 11 30.31340	04 46 02.89	-02 30 56.7	19.5 V	703
2008 YZ27	2012 07 26.97113	21 53 11.03	-05 05 40.5	19.4 V K	198	2009 KA	2010 11 30.31983	04 46 02.42	-02 31 04.0	19.3 V	703
2008 YZ27	2012 07 26.97748	21 53 10.89	-05 05 41.7	19.4 V K	198	2009 KA	2010 12 09.29718	04 35 57.44	-05 00 18.6	19.0 V	703
2008 YZ27	2012 07 28.00785	21 52 48.43	-05 09 03.5	19.4 V K	198	2009 KA	2010 12 09.30537	04 35 56.83	-05 00 25.9	19.2 V	703
2008 YZ27	2012 07 28.01917	21 52 48.14	-05 09 05.8	19.6 V K	198	2009 KA	2010 12 09.31349	04 35 56.22	-05 00 33.4	19.0 V	703
2008 YZ27	2012 07 28.30308	21 52 47.85	-05 09 08.0	19.5 V K	198	2009 KA	2010 12 09.32169	04 35 55.71	-05 00 40.3	19.0 V	703
2008 YT30	2012 07 19.06009	21 31 47.92	+70 46 14.0	17.7 R	A24	2009 KA	2012 07 29.30349	19 00 38.437	+14 44 05.18	19.8 i	F51
2008 YT30	2012 07 19.06081	21 31 47.54	+70 46 12.3	17.7 R	A24	2009 KA	2012 07 29.39452	19 00 33.261	+14 43 31.62	20.3 r	F51
2008 YT30	2012 07 19.06154	21 31 47.24	+70 46 10.2	17.6 R	A24	2009 KA	2012 07 29.40475	19 00 32.701	+14 43 27.95	20.2 r	F51
2008 YT30	2012 07 19.06226	21 31 46.87	+70 46 08.4	17.6 R	A24	2009 KK36	2012 07 29.06847	21 43 03.95	+23 54 16.2	19.7	J43
2008 YT30	2012 07 19.07585	21 31 40.32	+70 45 31.1	17.8 R K	A24	2009 KK36	2012 07 29.08105	21 43 03.20	+23 54 20.5	19.9	J43
2008 YT30	2012 07 19.09161	21 31 32.75	+70 44 47.9	18.2 R K	A24	2009 KK36	2012 07 29.09370	21 43 02.37	+23 54 27.2	20.2	J43
2008 YT30	2012 07 19.10448	21 31 26.69	+70 44 12.0	17.7 R	A24	2009 KK36	2012 07 29.10627	21 43 01.60	+23 54 33.6	20.1	J43
2008 YT30	2012 07 19.10520	21 31 26.16	+70 44 10.4	17.7 R	A24	2009 QB36	2012 07 29.299211	22 45 23.51	+00 53 07.6	22.3 V K	H21
2008 YT30	2012 07 19.10592	21 31 25.92	+70 44 08.6	17.9 R	A24	2009 QB36	2012 07 29.315690	22 45 22.66	+00 53 07.6	22.6 V K	H21
2008 YT30	2012 07 19.10664	21 31 25.55	+70 44 06.6	18.0 R	A24	2009 QB36	2012 07 29.332984	22 45 21.80	+00 53 06.8	22.5 V K	H21
2008 YT30	2012 07 20.05037	21 25 08.17	+70 02 38.1	18.0 R K	A24	2009 RD10	2012 07 28.45864	21 27 13.166	-17 38 40.91	19.4 i	F51
2008 YT30	2012 07 20.05181	21 25 07.52	+70 02 34.9	17.8 R K	A24	2009 RD10	2012 07 28.46923	21 27 12.560	-17 38 42.69	19.4 i	F51
2008 YT30	2012 07 20.06555	21 25 01.67	+70 01 58.5	18.1 R K	A24	2009 RD10	2012 07 29.47994	21 26 18.332	-17 41 31.58	19.3 i	F51
2008 YT30	2012 07 20.09484	21 24 49.23	+70 00 40.9	18.0 R K	A24	2009 RD10	2012 07 29.49131	21 26 17.662	-17 41 33.42	19.2 i	F51
2008 YT30	2012 07 20.09627	21 24 48.64	+70 00 37.3	18.4 R K	A24	2009 RQ15	2012 07 28.47690	21 18 18.058	-13 34 39.03	19.9 g	F51
2008 YT30	2012 07 23.99170	21 05 20.31	+67 24 12.1	18.1 R K	A24	2009 RQ15	2012 07 28.48786	21 18 17.547	-13 34 42.18	19.9 g	F51
2008 YT30	2012 07 23.99242	21 05 20.12	+67 24 10.5	18.0 R K	A24	2009 RM27	2012 07 28.45995	21 31 48.878	-23 16 47.96	20.2 i	F51
2008 YT30	2012 07 24.00695	21 05 16.07	+67 23 37.8	18.1 R K	A24	2009 RM27	2012 07 28.47054	21 31 48.202	-23 16 49.54	20.2 i	F51
2008 YT30	2012 07 24.02329	21 05 11.54	+67 23 01.4	18.3 R K	A24	2009 RT43	2012 07 28.38247	20 05 11.760	-10 37 04.07	19.8 i	F51
2008 YT30	2012 07 24.03711	21 05 07.69	+67 22 29.9	18.0 R K	A24	2009 RT43	2012 07 28.39275	20 05 11.110	-10 37 05.80	20.1 r	F51
2008 YT30	2012 07 24.03854	21 05 07.30	+67 22 27.1	18.3 R K	A24	2009 RT43	2012 07 28.40261	20 05 10.468	-10 37 07.57	20.0 r	F51
2008 YT30	2012 07 27.93093	20 52 14.34	+65 05 35.2	19.0 V	C73	2009 SY13	2012 07 28.45798	21 20 42.242	-19 00 47.08	20.5 i	F51
2008 YT30	2012 07 27.93174	20 52 14.26	+65 05 34.6	19.1 V	C73	2009 SY13	2012 07 28.46857	21 20 41.584	-19 00 49.00	20.4 i	F51
2008 YT30	2012 07 27.93253	20 52 14.12	+65 05 32.6	18.7 V	C73	2009 SQ40	2012 07 28.42953	20 35 52.988	-27 06 03.36	18.8 i	F51
2008 YT30	2012 07 27.93334	20 52 14.00	+65 05 31.2	19.1 V	C73	2009 SQ40	2012 07 28.44047	20 35 52.358	-27 06 04.30	19.4 i	F51
2008 YT30	2012 07 27.93414	20 52 13.81	+65 05 29.1	18.4 V	C73	2009 SE41	2012 07 28.37213	19 56 41.241	-11 41 48.19	20.2 i	F51
2008 YT30	2012 07 27.93575	20 52 13.48	+65 05 25.8	18.5 V	C73	2009 SE41	2012 07 28.38313	19 56 40.534	-11 41 50.29	20.2 i	F51
2008 YT30	2012 07 27.93656	20 52 13.22	+65 05 23.6	19.3 V	C73	2009 SE41	2012 07 28.39335	19 56 39.863	-11 41 52.17	20.4 r	F51
2008 YT30	2012 07 27.93737	20 52 13.15	+65 05 22.7	18.6 V	C73	2009 SC117	2012 07 28.45205	20 43 27.952	-21 30 28.71	19.4 i	F51
2008 YT30	2012 07 27.93817	20 52 13.09	+65 05 22.2	18.8 V	C73	2009 SC117	2012 07 28.45337	20 43 27.861	-21 30 28.72	19.3 i	F51
2008 YT30	2012 07 27.93898	20 52 12.82	+65 05 19.3	18.7 V	C73	2009 SC117	2012 07 28.46263	20 43 27.264	-21 30 28.64	19.5 i	F51
2008 YT30	2012 07 27.93978	20 52 12.52	+65 05 18.0	18.8 V	C73	2009 SC117	2012 07 28.46396	20 43 27.169	-21 30 28.72	19.2 i	F51
2008 YT30	2012 07 27.94139	20 52 12.33	+65 05 14.8	19.3 V	C73	2009 SS125	2012 07 28.38029	20 14 47.738	-16 56 25.71	19.5 i	F51
2008 YT30	2012 07 27.94219	20 52 11.93	+65 05 13.8	19.3 V	C73	2009 SS125	2012 07 28.39093	20 14 47.064	-16 56 26.70	19.8 r	F51
2008 YT30	2012 07 27.94299	20 52 11.94	+65 05 12.6	18.8 V	C73	2009 SS125	2012 07 28.40079	20 14 46.434	-16 56 27.66	19.8 r	F51
2008 YT30	2012 07 27.94459	20 52 11.61	+65 05 07.7	18.2 V	C73	2009 SW125	2012 07 28.42822	20 17 05.057	-26 36 33.12	18.4 i	F51
2008 YF32	2012 07 28.43386	21 00 18.328	-27 04 21.84	19.3 i	F51	2009 SW125	2012 07 28.43916	20 17 04.334	-26 36 32.01	18.4 i	F51
2008 YF32	2012 07 28.44482	21 00 17.771	-27 04 24.92	19.4 i	F51	2009 SO126	2012 07 28.48261	20 39 23.753	-17 37 37.73	19.4 g	F51
2008 YW55	2012 07 28.48197	20 47 35.241	-15 21 08.87	20.6 g	F51	2009 SO126	2012 07 28.49354	20 39 23.112	-17 37 38.00	19.4 g	F51
2008 YW55	2012 07 28.49291	20 47 34.666	-15 21 09.31	20.6 g	F51	2009 SO126	2012 07 29.47598	20 38 29.040	-17 37 59.68	19.0 i	F51
2008 YU60	2012 07 29.48335	20 57 02.300	-12 07 13.20	20.7 i	F51	2009 SO126	2012 07 29.48737	20 38 28.358	-17 37 59.99	18.8 i	F51
2008 YU60	2012 07 29.49473	20 57 01.694	-12 07 12.77	20.4 i	F51	2009 SE130	2012 07 28.45205	20 34 51.054	-22 26 55.13	19.5 i	F51
2008 YL85	2012 07 28.43320	20 59 18.756	-29 30 49.14	20.4 i	F51	2009 SE130	2012 07 28.46263	20 34 50.340	-22 26 57.79	19.5 i	F51
2008 YL85	2012 07 28.44416	20 59 18.201	-29 30 52.65	20.2 i	F51	2009 SZ160	2012 07 28.43085	20 43 58.583	-23 13 00.31	20.4 i	F51
2008 YD122	2012 07 28.37082	20 23 34.760	-11 41 51.56	19.4 i	F51	2009 SZ160	2012 07 28.44178	20 43 57.906	-23 13 03.21	20.5 i	F51
2008 YD122	2012 07 28.38181	20 23 34.231	-11 41 51.91	19.4 i	F51	2009 SB173	2012 07 28.45403	20 52 04.399	-19 53 44.07	20.4 i	F51
2008 YD122	2012 07 28.39215	20 23 33.735	-11 41 52.26	19.3 r	F51	2009 SB173	2012 07 28.46462	20 52 03.678	-19 53 45.01	20.1 i	F51
2008 YD122	2012 07 28.40200	20 23 33.266	-11 41 52.67	19.4 r	F51	2009 SX212	2012 07 28.43451	20 58 07.801	-24 03 35.89	19.6 i	F51
2008 YV134	2012 07 29.48060	21 30 47.572	-12 27 53.40	20.2 i	F51	2009 SX212	2012 07 28.44548	20 58 07.122	-24 03 38.40	19.6 i	F51
2008 YV134	2012 07 29.49197	21 30 47.045	-12 27 56.09	20.2 i	F51	2009 SV311	2012 07 28.38379	19 42 16.756	-12 05 59.08	20.1 i	F51
2009 AV	2012 07 24.02503	20 01 50.64	+70 26 26.0	18.1 R K	A24	2009 SV311	2012 07 28.39395	19 42 16.131	-12 06 02.54	20.2 r	F51
2009 AV	2012 07 24.02648	20 01 50.18	+70 26 23.9	18.0 R K	A24	2009 SV311	2012 07 28.40381	19 42 15.546	-12 06 05.85	20.1 r	F51
2009 AV	2012 07 30.27205	19 37 02.31	+67 14 18.7	18.7	704	2009 SA313	2012 07 28.47627	21 07 57.086	-11 25 35.77	20.0 g	F51
2009 AV	2012 07 30.28360	19 36 59.20	+67 13 51.9	19.0	704	2009 SA313	2012 07 28.48722	21 07 56.621	-11 25 39.88	20.2 g	F51
2009 AV	2012 07 30.29514	19 36 56.11	+67 13 23.6	18.9	704	2009 SA313	2012 07 29.48258	21 07 18.126	-11 31 50.24	19.1 i	F51
2009 AV	2012 07 30.30680	19 36 53.25	+67 12 55.9	18.7	704	2009 SA313	2012 07 29.49396	21 07 17.619	-11 31 54.57	19.0 i	F51
2009 AV	2012 07 30.31853	19 36 50.21	+67 12 28.3	18.9	704	2009 SK355	2012 07 28.43846	21 33 29.518	-29 56 16.30	19.6 i	F51
2009 AV	2012 07 30.88388	19 34 38.25	+66 49 44.4	18.1 V K	A78	2009 SK355	2012 07 28.44943	21 33 28.900	-29 56 20.05	19.4 i	F51
2009 AV	2012 07 30.88720	19 34 37.44	+66 49 36.2	18.3 V K	A78	2009 SH364	2012 07 29.47862	21 16 39.883	-14 23 21.85	20.3 i	F51
2009 AV	2012 07 30.89135	19 34 36.35	+66 49 26.8	18.4 V K	A78	2009 SH364	2012 07 29.49000	21 16 39.249	-14 23 26.79	20.1 i	F51
2009 AV	2012 07 30.89632	19 34 35.10	+66 49 15.0	18.0 V K	A78	2009 TY1	2012 07 28.268257	21 28 55.30	-20 30 49.8	20.8 V K	H21
2009 AX5	2012 07 28.45864	21 29 52.446	-19 03 34.82	20.3 i	F51	2009 TY1	2012 07 28.273343	21 28 54.94	-20 30 52.2	21.3 V K	H21
2009 AX5	2012 07 28.46923	21 29 51.966	-19 03 37.46	20.3 i	F51	2009 TY1	2012 07 28.278393	21 28 54.69	-20 30 52.9	21.1 V K	H21
2009 BT3	2012 07 28.38247	20 12 47.997	-11 38 18.51	19.9 i	F51	2009 TY1	2012 07 28.282552	21 28 54.41	-20 30 54.2	21.2 V K	H21
2009 BT3	2012 07 28.39275	20 12 47.508	-11 38 22.43	20.1 r	F51	2009 TW47	2012 07 28.43320	20 49 34.442	-28 25 32.85	20.0 i	F51
2009 BT3	2012 07 28.40261	20 12 47.051	-11 38 26.13	19.9 r	F51	2009 TW47	2012 07 28.44416	20 49 33.712	-28 25 37.39	20.3 i	F51
2009 BU10	2012 07 2										

2009 WG103	2012 07 28.38247	20 14 20.208	-10 49 23.54	19.8 i	F51	2010 RJ42	2012 07 29.28317	00 45 40.94	-78 32 14.7	20.1 V	32	807
2009 WG103	2012 07 28.39275	20 14 19.576	-10 49 25.42	19.9 r	F51	2010 RJ12	2012 07 29.28759	00 45 35.56	-78 32 14.2	20.0 V	32	807
2009 WG103	2012 07 28.40261	20 14 18.985	-10 49 27.26	20.1 r	F51	2010 WH65	2012 07 29.50403	19 54 44.720	+14 00 00.98	20.2 g		F51
2009 WE170	2012 07 28.43583	21 17 47.820	-25 55 14.68	19.0 i	F51	2010 WH65	2012 07 29.51500	19 54 43.797	+14 00 03.60	20.1 g		F51
2009 WE170	2012 07 28.44679	21 17 47.164	-25 55 17.63	19.0 i	F51	2010 XL52	2012 07 28.50060	20 53 07.696	+15 59 04.11	19.8 g		F51
2009 WA197	2012 07 28.47500	20 49 46.003	-11 31 56.62	20.4 g	F51	2010 XL52	2012 07 28.51105	20 53 06.870	+15 59 08.36	19.7 g		F51
2009 WA197	2012 07 28.48595	20 49 45.303	-11 31 56.96	20.4 g	F51	2010 XL52	2012 07 29.37066	20 52 02.004	+16 04 44.73	19.2 i		F51
2009 WA197	2012 07 29.48401	20 48 45.313	-11 32 32.54	19.7 i	F51	2010 XL52	2012 07 29.38152	20 52 01.144	+16 04 48.90	19.2 i		F51
2009 WA197	2012 07 29.49539	20 48 44.591	-11 32 33.10	19.6 i	F51	2011 AX56	2012 07 29.47928	21 13 43.237	-15 45 48.26	20.3 i		F51
2009 WR243	2012 07 28.45601	21 05 43.198	-19 06 27.59	20.2 i	F51	2011 AX56	2012 07 29.49066	21 13 42.570	-15 45 51.94	20.1 i		F51
2009 WR243	2012 07 28.46659	21 05 42.523	-19 06 29.61	20.2 i	F51	2011 AD57	2012 07 28.43085	20 46 23.953	-23 28 56.47	19.4 i		F51
2009 XB	2012 07 28.36366	19 15 13.262	-13 40 40.87	19.6 i	F51	2011 AD57	2012 07 28.44178	20 46 23.174	-23 29 11.97	19.0 i		F51
2009 XB	2012 07 28.37479	19 15 12.617	-13 40 40.81	19.5 i	F51	2011 AX77	2012 07 28.45073	20 28 00.135	-21 57 29.07	18.9 i		F51
2009 XB	2012 07 28.38611	19 15 11.982	-13 40 40.51	19.6 r	F51	2011 AX77	2012 07 28.46132	20 27 59.263	-21 57 24.71	18.8 i		F51
2009 XX18	2012 07 28.45205	20 35 07.722	-21 38 11.15	19.3 i	F51	2011 BS23	2012 07 28.45139	20 37 27.740	-18 59 59.02	18.7 i		F51
2009 XX18	2012 07 28.46263	20 35 07.134	-21 38 14.80	19.3 i	F51	2011 BS23	2012 07 28.45271	20 37 27.662	-18 59 58.91	18.8 i		F51
2009 XM21	2012 07 28.43019	20 29 52.988	-22 26 57.69	20.0 i	F51	2011 BS23	2012 07 28.46197	20 37 27.076	-18 59 58.56	18.8 i		F51
2009 XM21	2012 07 28.44113	20 29 52.294	-22 27 00.65	20.1 i	F51	2011 BS23	2012 07 28.46329	20 37 26.994	-18 59 58.47	18.7 i		F51
2009 XQ22	2012 07 28.47881	21 27 43.245	-14 20 51.38	20.5 g	F51	2011 BK38	2012 07 28.43164	20 48 05.715	-27 31 44.77	20.0 i		F51
2009 XQ22	2012 07 28.48975	21 27 42.718	-14 20 55.15	20.5 g	F51	2011 BK38	2012 07 28.44258	20 48 04.968	-27 31 44.96	19.8 i		F51
2009 XQ22	2012 07 28.48060	21 26 55.008	-14 26 27.48	19.9 i	F51	2011 BS83	2012 07 29.47532	20 31 23.544	-13 28 49.20	18.2 i		F51
2009 XQ22	2012 07 29.49197	21 26 54.421	-14 26 31.19	19.9 i	F51	2011 BS83	2012 07 29.48671	20 31 22.802	-13 28 46.58	17.7 i		F51
2009 XX22	2012 07 28.45535	21 06 34.338	-16 57 54.46	20.5 i	F51	2011 BP115	2012 07 28.48261	20 35 42.214	-16 06 51.03	20.8 g		F51
2009 XX22	2012 07 28.46593	21 06 33.769	-16 57 57.32	20.5 i	F51	2011 BP115	2012 07 28.49354	20 35 41.505	-16 06 52.76	20.7 g		F51
2009 YV12	2012 07 28.47500	20 51 53.276	-11 40 19.08	20.1 g	F51	2011 BA155	2012 07 28.47881	21 31 24.420	-14 04 52.75	19.7 g		F51
2009 YV12	2012 07 28.48595	20 51 52.673	-11 40 20.04	20.2 g	F51	2011 BA155	2012 07 28.48975	21 31 23.766	-14 04 52.60	19.8 g		F51
2009 YV12	2012 07 29.48401	20 50 59.445	-11 42 07.16	19.8 i	F51	2011 BA155	2012 07 29.48060	21 30 27.650	-14 04 36.95	19.2 i		F51
2009 YV12	2012 07 29.49539	20 50 58.815	-11 42 08.27	19.9 i	F51	2011 BA155	2012 07 29.49197	21 30 26.952	-14 04 36.82	19.1 i		F51
2009 YT14	2012 07 29.48258	21 11 04.245	-10 10 09.44	19.7 i	F51	2011 CM22	2012 07 28.45601	21 03 20.252	-20 07 21.16	20.4 i		F51
2009 YT14	2012 07 29.49396	21 11 03.607	-10 10 08.72	19.5 i	F51	2011 CM22	2012 07 28.46659	21 03 19.534	-20 07 20.71	20.3 i		F51
2009 YZ20	2012 07 28.42822	20 23 16.568	-25 42 56.75	19.9 i	F51	2011 CM31	2012 07 28.47627	21 07 42.932	-11 32 40.12	19.8 g		F51
2009 YZ20	2012 07 28.43916	20 23 15.850	-25 42 59.08	19.9 i	F51	2011 CM31	2012 07 28.48722	21 07 42.296	-11 32 42.27	19.9 g		F51
2009 YS22	2012 07 29.48060	21 29 27.764	-15 07 41.57	20.5 i	F51	2011 CM31	2012 07 29.48258	21 06 47.607	-11 35 59.95	19.3 i		F51
2009 YS22	2012 07 29.49197	21 29 27.212	-15 07 45.15	20.2 i	F51	2011 CM31	2012 07 29.49396	21 06 46.938	-11 36 02.32	19.3 i		F51
2010 AU2	2012 07 28.47818	21 35 48.059	-11 49 47.95	20.6 g	F51	2011 CF36	2012 07 28.45864	21 33 08.874	-18 55 14.73	20.3 i		F51
2010 AU2	2012 07 28.48912	21 35 47.466	-11 49 47.99	20.7 g	F51	2011 CF36	2012 07 28.46923	21 33 08.263	-18 55 19.36	20.5 i		F51
2010 AW25	2012 07 28.47944	21 23 43.625	-15 38 31.20	20.1 g	F51	2011 CV41	2012 07 28.48197	20 45 25.815	-13 54 18.66	20.3 g		F51
2010 AW25	2012 07 28.49038	21 23 43.061	-15 38 31.21	20.3 g	F51	2011 CV41	2012 07 28.49291	20 45 25.161	-13 54 20.53	20.3 g		F51
2010 AU32	2012 07 28.43019	20 26 50.566	-23 57 23.15	20.2 i	F51	2011 CV41	2012 07 29.47664	20 44 29.521	-13 57 05.48	19.4 i		F51
2010 AU32	2012 07 28.44113	20 26 50.027	-23 57 26.39	20.1 i	F51	2011 CV41	2012 07 29.48803	20 44 28.863	-13 57 07.17	19.3 i		F51
2010 AK40	2012 07 30.05418	20 48 24.37	-07 18 22.3	19.5 V	D03	2011 CU54	2012 07 29.47994	21 25 04.508	-16 29 54.99	20.2 i		F51
2010 AK40	2012 07 30.06244	20 48 23.92	-07 18 21.2	19.6 V	D03	2011 CU54	2012 07 29.49131	21 25 03.843	-16 29 57.40	20.4 i		F51
2010 AK40	2012 07 30.07080	20 48 23.38	-07 18 20.4	19.8 V	D03	2011 CJ55	2012 07 28.45601	21 04 37.625	-17 41 06.65	20.2 i		F51
2010 AB44	2012 07 28.38029	20 09 22.878	-16 08 41.12	19.4 i	F51	2011 CJ71	2012 07 28.46659	21 04 36.940	-17 41 08.89	20.3 i		F51
2010 AB44	2012 07 28.39093	20 09 22.253	-16 08 40.50	19.4 r	F51	2011 CJ71	2012 07 29.55741	22 20 40.044	-00 21 30.13	19.8 z		F51
2010 AB44	2012 07 28.40079	20 09 21.690	-16 08 39.97	19.4 r	F51	2011 CJ71	2012 07 29.56080	22 20 39.917	-00 21 32.81	19.2 z		F51
2010 AJ46	2012 07 28.48335	21 00 00.498	-13 10 54.67	19.6 i	F51	2011 CJ71	2012 07 29.56375	22 20 39.792	-00 21 35.57	20.1 z		F51
2010 AJ46	2012 07 29.49473	20 59 59.856	-13 10 55.25	19.6 i	F51	2011 CJ71	2012 07 29.56670	22 20 39.714	-00 21 37.62	20.1 z		F51
2010 AF56	2012 07 28.45864	21 29 03.895	-17 41 36.24	20.1 i	F51	2011 CJ71	2012 07 29.56967	22 20 39.578	-00 21 40.74	20.0 z		F51
2010 AF56	2012 07 28.46923	21 29 03.414	-17 41 40.10	20.0 i	F51	2011 CJ71	2012 07 29.57263	22 20 39.503	-00 21 42.42	20.4 z		F51
2010 AM74	2012 07 29.48467	20 38 41.342	-12 00 32.42	19.2 i	F51	2011 CJ71	2012 07 29.57559	22 20 39.381	-00 21 45.34	20.2 z		F51
2010 AM74	2012 07 29.49606	20 38 40.725	-12 00 32.93	19.1 i	F51	2011 CS75	2012 07 28.46061	21 14 15.497	-23 57 20.83	20.1 i		F51
2010 AJ81	2012 07 28.43320	20 50 34.338	-28 27 41.46	19.9 i	F51	2011 CS75	2012 07 28.47120	21 14 14.800	-23 57 23.42	20.3 i		F51
2010 AJ81	2012 07 28.44416	20 50 33.712	-28 27 41.98	20.1 i	F51	2011 CL79	2012 07 28.47690	21 24 15.139	-13 28 50.74	20.3 g		F51
2010 CU41	2012 07 28.45403	20 53 29.496	-20 24 01.12	20.1 i	F51	2011 CL79	2012 07 28.47881	21 24 15.031	-13 28 50.89	20.3 g		F51
2010 CU41	2012 07 28.46462	20 53 28.893	-20 24 00.87	20.0 i	F51	2011 CL79	2012 07 28.48786	21 24 14.480	-13 28 50.69	20.2 g		F51
2010 CF127	2012 07 28.45732	21 10 23.632	-20 59 00.76	20.1 i	F51	2011 CL79	2012 07 28.48975	21 24 14.364	-13 28 50.77	20.2 g		F51
2010 CF127	2012 07 28.46791	21 10 23.123	-20 59 01.71	20.0 i	F51	2011 CL79	2012 07 29.47862	21 23 15.174	-13 28 43.92	19.6 i		F51
2010 CJ142	2012 07 28.45403	20 57 09.156	-19 52 40.26	20.2 i	F51	2011 CL79	2012 07 29.49000	21 23 14.463	-13 28 43.78	19.6 i		F51
2010 CJ142	2012 07 28.46462	20 57 08.654	-19 52 45.03	19.9 i	F51	2011 CM79	2012 07 28.45139	20 33 34.718	-19 22 48.48	18.5 i		F51
2010 CZ142	2012 07 28.47690	21 15 09.860	-13 28 00.89	20.6 g	F51	2011 CM79	2012 07 28.46197	20 33 33.966	-19 22 47.12	18.5 i		F51
2010 CD180	2012 07 28.48786	21 15 09.272	-13 28 01.31	20.6 g	F51	2011 CH82	2012 07 28.47881	21 28 05.584	-14 41 40.79	20.0 g		F51
2010 CD180	2012 07 28.57533	23 27 11.928	-01 12 35.87	20.6 i	F51	2011 CH82	2012 07 28.48975	21 28 04.871	-14 41 38.65	19.9 g		F51
2010 CD180	2012 07 28.57828	23 27 11.864	-01 12 35.44	20.4 i	F51	2011 CH85	2012 07 29.47994	21 21 27.784	-17 12 30.38	20.0 i		F51
2010 CD180	2012 07 28.58123	23 27 11.792	-01 12 35.07	20.5 i	F51	2011 CH85	2012 07 29.49131	21 21 27.111	-17 12 32.07	20.0 i		F51
2010 CD180	2012 07 28.58419	23 27 11.729	-01 12 34.71	20.5 i	F51	2011 CV88	2012 07 28.36433	19 12 38.290	-16 15 29.18	18.7 i		F51
2010 CD180	2012 07 28.58714	23 27 11.665	-01 12 34.35	20.5 i	F51	2011 CV88	2012 07 28.37545	19 12 37.776	-16 15 29.23	18.7 i		F51
2010 CD180	2012 07 28.59011	23 27 11.596	-01 12 33.93	20.7 i	F51	2011 CV88	2012 07 28.38672	19 12 37.255	-16 15 29.40	19.0 r		F51
2010 CD180	2012 07 28.59306	23 27 11.531	-01 12 33.58	20.5 i	F51	2011 CV88	2012 07 28.39658	19 12 36.806	-16 15 29.44	19.0 r		F51
2010 CN184	2012 07 28.47818	21 38 53.941	-11 50 53.57	20.7 g	F51	2011 CB01	2012 07 28.48071	21 03 04.754	-14 26 50.9			

2011 EJ53	2012 07 28.47500	20 50 15.108	-11 48 59.17	19.9 g	F51	2011 HJ66	2012 07 28.51985	20 47 13.035	+19 20 04.32	21.2 g	F51
2011 EJ53	2012 07 28.48595	20 50 14.561	-11 49 04.49	19.7 g	F51	2011 HJ66	2012 07 28.53032	20 47 12.582	+19 20 02.55	20.8 g	F51
2011 EJ54	2012 07 29.47862	21 22 51.516	-14 02 43.10	20.3 i	F51	2011 HD78	2012 07 28.45666	20 58 15.553	-22 13 40.98	19.5 i	F51
2011 EJ54	2012 07 29.49000	21 22 50.946	-14 02 46.85	20.0 i	F51	2011 HD78	2012 07 28.46725	20 58 15.040	-22 13 45.25	19.5 i	F51
2011 EJ65	2012 07 28.47362	20 27 30.899	-11 58 32.83	20.2 g	F51	2011 HU78	2012 07 28.47754	21 25 10.671	-12 42 37.53	20.2 g	F51
2011 EJ65	2012 07 28.48457	20 27 30.348	-11 58 38.53	20.2 g	F51	2011 HU78	2012 07 28.48849	21 25 10.168	-12 42 43.36	20.2 g	F51
2011 EL82	2012 07 28.47818	21 36 32.965	-11 00 12.31	18.9 g	F51	2011 HU78	2012 07 29.48192	21 24 25.851	-12 51 18.67	19.5 i	F51
2011 EL82	2012 07 28.48912	21 36 32.512	-11 00 16.91	19.0 g	F51	2011 HU78	2012 07 29.49329	21 24 25.308	-12 51 24.66	19.5 i	F51
2011 EL82	2012 07 29.48126	21 35 54.431	-11 07 12.93	18.5 i	F51	2011 JU	1995 09 17.27635	23 34 56.13	-03 33 21.9		691
2011 EL82	2012 07 29.49263	21 35 53.949	-11 07 17.84	18.4 i	F51	2011 JU	1995 09 17.29738	23 34 55.36	-03 33 43.3	18.6 V	691
2011 FD	2012 07 29.48335	20 55 30.235	-11 49 47.69	20.6 i	F51	2011 JU	1995 09 17.31822	23 34 54.53	-03 34 04.3		691
2011 FD	2012 07 29.49473	20 55 29.619	-11 49 52.23	20.5 i	F51	2011 JU	1995 09 22.24861	23 31 57.01	-04 55 09.2	18.5 V 8	809
2011 FU2	2012 07 28.37279	19 52 07.237	-12 11 19.04	19.9 i	F51	2011 JU	1995 09 23.16528	23 31 24.79	-05 10 03.0	18.9 V 8	809
2011 FU2	2012 07 28.39395	19 52 06.098	-12 11 30.46	19.7 r	F51	2011 JU	1995 09 24.15451	23 30 50.34	-05 25 56.8	19.7 V 8	809
2011 FU2	2012 07 28.40381	19 52 05.555	-12 11 35.97	19.7 r	F51	2011 JU	2010 03 05.23130	10 54 58.80	+00 54 15.5	20.4 R K	H36
2011 FR11	2012 07 28.45864	21 34 32.053	-19 41 49.30	20.4 i	F51	2011 JU	2010 03 05.24594	10 54 58.21	+00 54 23.0	20.7 R K	H36
2011 FR11	2012 07 28.46923	21 34 31.547	-19 41 52.69	20.3 i	F51	2011 JU	2010 03 05.27338	10 54 57.18	+00 54 37.3	20.3 R K	H36
2011 FL46	2012 07 28.45535	21 00 25.241	-15 40 20.22	20.6 i	F51	2011 JU	2010 03 12.32875	10 50 17.08	+02 00 14.6	20.6 V	703
2011 FL46	2012 07 28.46593	21 00 24.708	-15 40 22.33	20.3 i	F51	2011 JU	2010 03 12.33630	10 50 16.76	+02 00 18.7	19.9 V	703
2011 FO66	2012 07 28.37213	19 58 26.960	-12 11 58.35	20.2 i	F51	2011 JU	2010 03 12.34397	10 50 16.40	+02 00 24.0	20.3 V	703
2011 FO66	2012 07 28.38313	19 58 26.418	-12 12 00.54	19.9 i	F51	2011 JU	2010 03 12.35168	10 50 16.18	+02 00 30.8	20.8 V	703
2011 FO66	2012 07 28.39335	19 58 25.908	-12 12 02.72	20.2 r	F51	2011 JU	2012 07 28.93572	22 42 27.52	+09 48 37.4	18.7 R K	104
2011 FR77	2012 07 28.43583	21 14 44.495	-25 35 57.13	20.0 i	F51	2011 JU	2012 07 28.94467	22 42 27.39	+09 48 33.5	18.7 R K	104
2011 FR77	2012 07 28.44679	21 14 43.857	-25 35 59.59	19.9 i	F51	2011 JU	2012 07 28.96771	22 42 27.01	+09 48 22.5	18.6 R K	104
2011 FX83	2012 07 28.43085	20 43 55.873	-24 32 08.53	19.9 i	F51	2011 JU	2012 07 28.99245	22 42 26.62	+09 48 10.9	19.0 R K	104
2011 FX83	2012 07 28.44178	20 43 55.340	-24 32 12.59	19.7 i	F51	2011 JU	2012 07 29.00343	22 42 26.43	+09 48 05.7	18.9 R K	104
2011 FP100	2012 07 28.42888	20 29 30.893	-28 49 05.00	19.3 i	F51	2011 JY	2012 07 28.45535	21 06 12.411	-16 48 23.69	19.6 i	F51
2011 FP100	2012 07 28.43982	20 29 30.180	-28 49 04.95	19.3 i	F51	2011 JY	2012 07 28.46593	21 06 11.908	-16 48 29.87	19.6 i	F51
2011 FK101	2012 07 28.45337	20 46 56.291	-22 33 35.40	19.9 i	F51	2011 JX6	2012 07 29.47598	20 40 31.635	-16 50 18.17	19.1 i	F51
2011 FK101	2012 07 28.46396	20 46 55.722	-22 33 36.62	20.0 i	F51	2011 JX6	2012 07 29.48737	20 40 31.101	-16 50 23.67	19.3 i	F51
2011 FR127	2012 07 28.45073	19 19 11.375	-21 22 07.44	19.0 i	F51	2011 JX15	2012 07 28.45601	21 02 39.498	-18 39 49.66	19.2 i	F51
2011 FR127	2012 07 28.46132	20 19 10.768	-21 22 13.72	19.1 i	F51	2011 JX15	2012 07 28.46659	21 02 39.017	-18 39 54.17	19.3 i	F51
2011 FR127	2012 07 29.36687	20 18 20.71	-21 31 04.6	18.8 R	H15	2011 KU1	2012 07 30.72565	23 46 08.32	-16 12 23.4	19.7 V	E12
2011 FR127	2012 07 29.38186	20 18 19.80	-21 31 12.5	19.1 R	H15	2011 KU1	2012 07 30.73329	23 46 08.43	-16 12 26.8	20.0 V	E12
2011 FR127	2012 07 29.39702	20 18 18.93	-21 31 20.2	19.3 R	H15	2011 KU1	2012 07 30.74081	23 46 08.54	-16 12 30.2	19.3 V	E12
2011 FR127	2012 07 29.41422	20 18 17.97	-21 31 30.9	18.9 R	H15	2011 KU1	2012 07 30.74931	23 46 08.65	-16 12 37.1	19.4 V	E12
2011 FR145	2012 07 28.45929	21 27 50.365	-22 28 15.94	19.9 i	F51	2011 UL21	2012 07 26.91460	22 35 50.82	+38 51 38.8		K 204
2011 FR145	2012 07 28.45995	21 27 50.331	-22 28 15.90	19.9 i	F51	2011 UL21	2012 07 26.92862	22 35 49.68	+38 51 47.1	20.3 R K	204
2011 FR145	2012 07 28.46989	21 27 49.770	-22 28 16.32	19.7 i	F51	2011 UL21	2012 07 26.94265	22 35 48.58	+38 51 54.8		K 204
2011 FR145	2012 07 28.47054	21 27 49.733	-22 28 16.15	19.7 i	F51	2011 VS5	2012 07 29.24778	22 22 57.55	-28 27 26.3	20.1 V 32	807
2011 FK148	2012 07 28.29590	18 31 00.171	+20 21 03.42	20.4 i	F51	2011 VS5	2012 07 29.25190	22 22 56.85	-28 27 28.3	20.4 V 32	807
2011 FK148	2012 07 28.30689	18 30 59.811	+20 20 58.07	20.4 i	F51	2011 VS5	2012 07 29.25608	22 22 56.14	-28 27 30.1	20.1 V 32	807
2011 FK148	2012 07 28.41007	18 30 56.424	+20 20 08.61	20.3 r	F51	2011 VS5	2012 07 29.26026	22 22 55.41	-28 27 32.1	19.8 V 32	807
2011 FK148	2012 07 28.41991	18 30 56.082	+20 20 04.08	20.5 r	F51	2011 VS5	2012 07 29.26476	22 22 54.64	-28 27 34.1	20.1 V 32	807
2011 GR7	2012 07 28.50123	21 05 01.135	+16 27 34.67	21.0 g	F51	2012 AY	2012 07 28.235088	21 56 47.61	+15 46 56.6	22.1 V K	H21
2011 GR7	2012 07 28.51168	21 05 00.626	+16 27 32.09	20.8 g	F51	2012 AY	2012 07 28.252384	21 56 43.88	+15 47 26.7		K H21
2011 GR7	2012 07 29.37145	21 04 20.962	+16 23 55.99	20.3 i	F51	2012 AY	2012 07 28.267143	21 56 40.72	+15 47 51.8	22.3 V K	H21
2011 GR7	2012 07 29.38231	21 04 20.440	+16 23 53.22	20.1 i	F51	2012 BC20	2012 07 19.07123	00 22 53.00	+37 02 44.1	17.6 R	A24
2011 GP40	2012 07 28.45798	21 15 59.447	-19 08 54.81	19.8 i	F51	2012 BC20	2012 07 19.07195	00 22 53.01	+37 02 40.0	18.0 R	A24
2011 GP40	2012 07 28.46857	21 15 58.933	-19 08 59.89	19.6 i	F51	2012 BC20	2012 07 19.07267	00 22 53.14	+37 02 39.0	17.7 R	A24
2011 GT41	2012 07 28.43517	21 10 20.012	-24 30 59.87	19.5 i	F51	2012 BC20	2012 07 19.07340	00 22 53.24	+37 02 36.7	18.0 R	A24
2011 GT41	2012 07 28.44614	21 10 19.455	-24 31 06.07	19.6 i	F51	2012 BC20	2012 07 24.04530	00 32 29.10	+32 27 06.9	17.8 R K	A24
2011 GX62	2012 07 28.43019	20 27 38.581	-23 55 39.20	20.1 i	F51	2012 BC20	2012 07 24.04674	00 32 29.26	+32 27 02.1	17.8 R K	A24
2011 GX62	2012 07 28.44113	20 27 38.056	-23 55 43.09	20.3 i	F51	2012 BC20	2012 07 24.05940	00 32 30.52	+32 26 17.5	17.8 R K	A24
2011 GP72	2012 07 28.43242	20 44 33.935	-30 04 46.95	20.2 i	F51	2012 BC20	2012 07 24.07434	00 32 31.97	+32 25 24.9	18.0 R K	A24
2011 GP72	2012 07 28.44337	20 44 33.275	-30 04 49.84	19.9 i	F51	2012 BC20	2012 07 24.08652	00 32 33.18	+32 24 42.4	17.5 R K	A24
2011 GB76	2012 07 28.46061	21 22 18.677	-24 36 13.12	19.4 i	F51	2012 BC20	2012 07 24.08796	00 32 33.32	+32 24 37.1	17.9 R K	A24
2011 GB76	2012 07 28.47120	21 22 18.183	-24 36 17.15	19.4 i	F51	2012 BC20	2012 07 28.36895	00 39 44.42	+27 55 39.2	18.6 R	H45
2011 GK82	2012 07 28.43386	21 04 29.421	-25 47 50.91	19.1 i	F51	2012 BC20	2012 07 28.36987	00 39 44.49	+27 55 35.9	18.7 R	H45
2011 GK82	2012 07 28.44482	21 04 28.818	-25 47 54.67	19.3 i	F51	2012 BC20	2012 07 28.37080	00 39 44.59	+27 55 32.1	18.6 R	H45
2011 GO82	2012 07 28.45929	21 23 29.876	-20 07 14.63	20.1 i	F51	2012 BC20	2012 07 28.37185	00 39 44.66	+27 55 27.8	18.6 R	H45
2011 GO82	2012 07 28.46989	21 23 29.335	-20 07 18.75	20.1 i	F51	2012 BC20	2012 07 28.37275	00 39 44.74	+27 55 24.3	18.5 R	H45
2011 GF84	2012 07 29.48258	21 14 03.231	-10 52 04.08	20.1 i	F51	2012 BC20	2012 07 28.37368	00 39 44.81	+27 55 20.5	18.6 R	H45
2011 GF84	2012 07 29.49396	21 14 02.634	-10 52 07.16	20.0 i	F51	2012 BS23	2012 07 26.315744	23 24 53.54	-03 01 26.1	23.0 V K	H21
2011 HW2	2012 07 28.43780	21 21 41.341	-25 21 35.61	20.1 i	F51	2012 BS23	2012 07 26.334302	23 24 51.56	-03 01 30.5	22.9 V K	H21
2011 HW2	2012 07 28.44877	21 21 40.827	-25 21 40.72	20.0 i	F51	2012 BS23	2012 07 26.368308	23 24 47.81	-03 01 38.4	22.5 V K	H21
2011 HW2	2012 07 28.46061	21 21 40.258	-25 21 46.20	19.9 i	F51	2012 BS23	2012 07 28.340156	23 21 14.34	-03 09 30.6	22.8 V K	H21
2011 HW2	2012 07 28.47120	21 21 39.778	-25 21 51.06	20.2 i	F51	2012 BS23	2012 07 28.359138	23 21 12.12	-03 09 35.9	22.5 V K	H21
2011 HT4	2012 07 29.48533	20 33 54.028	-09 28 52.30	19.5 i	F51	2012 BS23	2012 07 28.387001	23 21 08.92	-03 09 43.4	22.7 V K	H21
2011 HT4	2012 07 29.49671	20 33 53.488	-09 28 56.82	19.5 i	F51	2012 BZ76	2012 07 28.39395	01 29 55.54	+37 32 39.7	19.1 R	H45
2011 HY9	2012 07 28.45535	20 58 37.930	-17 42 39.41	19.6 i	F51	2012 BZ76	2012 07 28.39552	01 29 55.15	+37 32 37.4	19.2 R	H45
2011 HY9	2012 07 28.46593	20 58 37.392	-17 42 43.31	19.6 i	F51	2012 BZ76	2012 07 28.39663	01 29 54.86	+37 32 35.9	19.1 R	H45
2011 HE10	2012 07 29.47664	20 40 28.769	-13 52 04.46								

2012 HG31	2012 07 28.10725	15 14 48.19	+12 19 38.0	18.3 V K	H21	2012 MU2	2012 07 30.17341	19 22 44.64	+51 45 16.9	H	H21
2012 HG31	2012 07 28.11176	15 14 48.33	+12 19 31.1	18.3 V K	H21	2012 MU2	2012 07 30.17989	19 22 46.86	+51 44 59.9	19.6 V K	H21
2012 HG31	2012 07 28.11628	15 14 48.49	+12 19 23.9	18.3 V K	H21	2012 MU2	2012 07 30.18592	19 22 48.96	+51 44 44.5	19.5 V K	H21
2012 HG31	2012 07 28.85136	15 15 22.42	+12 00 01.0	18.2 R K	160	2012 MQ3	2012 07 30.19523	22 15 20.13	+29 22 28.7	20.2 V F	H21
2012 HG31	2012 07 28.85413	15 15 22.49	+11 59 56.7	18.3 R K	160	2012 MQ3	2012 07 30.20640	22 15 20.09	+29 22 55.4	19.8 V K	H21
2012 HG31	2012 07 28.85694	15 15 22.59	+11 59 52.3	18.2 R K	160	2012 MV4	2012 07 30.37809	02 00 08.51	+38 30 19.2	19.8 V K	H21
2012 HG31	2012 07 29.84658	15 16 11.78	+11 32 42.7	17.7 R K	160	2012 MV4	2012 07 30.38297	02 00 09.74	+38 30 23.3	19.6 V K	H21
2012 HG31	2012 07 29.84933	15 16 11.88	+11 32 38.2	17.6 R K	160	2012 MV4	2012 07 30.38673	02 00 10.73	+38 30 26.3	19.5 V K	H21
2012 HG31	2012 07 29.85208	15 16 11.99	+11 32 33.7	17.5 R K	160	2012 MJ6	2012 07 29.21747	19 35 02.87	-41 29 23.7	20.7 V 32	807
2012 KJ18	2012 07 26.36569	01 14 32.72	-08 34 06.6	20.1 V 32	807	2012 MJ6	2012 07 29.22572	19 35 02.53	-41 29 21.4	20.5 V 32	807
2012 KJ18	2012 07 26.36976	01 14 33.15	-08 34 08.7	20.5 V 32	807	2012 MJ6	2012 07 29.23392	19 35 02.17	-41 29 19.2	20.2 V 32	807
2012 KJ18	2012 07 26.37380	01 14 33.59	-08 34 10.7	20.4 V 32	807	2012 MJ6	2012 07 29.24255	19 35 01.80	-41 29 16.8	20.8 V 32	807
2012 KJ18	2012 07 26.37784	01 14 34.02	-08 34 12.7	20.2 V 32	807	2012 MJ6	2012 07 29.25104	19 35 01.40	-41 29 14.8	20.3 V 32	807
2012 KJ18	2012 07 26.38188	01 14 34.44	-08 34 14.6	20.3 V 32	807	2012 MK6	2012 07 28.28113	22 07 38.93	-14 41 56.6	18.5 R	H45
2012 KM45	2012 07 26.40020	07 09 00.69	-75 21 03.2	18.6 V 32	807	2012 MK6	2012 07 28.28262	22 07 38.90	-14 41 55.6	18.5 R	H45
2012 KM45	2012 07 26.40313	07 08 58.70	-75 21 11.9	18.6 V 32	807	2012 MK6	2012 07 28.28391	22 07 38.87	-14 41 55.0	18.4 R	H45
2012 KM45	2012 07 26.40605	07 08 56.64	-75 21 20.9	18.4 V 32	807	2012 MK6	2012 07 28.28513	22 07 38.86	-14 41 54.1	18.6 R	H45
2012 KM45	2012 07 26.40896	07 08 54.60	-75 21 29.8	18.3 V 32	807	2012 MK6	2012 07 28.28723	22 07 38.77	-14 41 53.6	18.6 R	H45
2012 KM45	2012 07 26.41187	07 08 52.58	-75 21 38.5	18.3 V 32	807	2012 MK6	2012 07 28.28885	22 07 38.74	-14 41 52.7	18.5 R	H45
2012 KM45	2012 07 28.01460	06 49 31.27	-76 30 41.7	18.6 V 32	807	2012 MK6	2012 07 30.27499	22 06 59.99	-14 26 17.0	18.4 V K	H21
2012 KM45	2012 07 28.01758	06 49 29.17	-76 30 48.2	18.7 V 32	807	2012 MK6	2012 07 30.27876	22 06 59.90	-14 26 15.2	18.7 V K	H21
2012 LC1	2012 07 30.97214	13 06 41.50	-07 43 48.6	20.5 V 32	807	2012 MK6	2012 07 30.28252	22 06 59.75	-14 26 13.7	18.4 V K	H21
2012 LC1	2012 07 30.97575	13 06 41.97	-07 43 53.7	20.3 V 32	807	2012 ML6	2012 07 28.269455	21 29 45.15	-20 12 49.6	19.3 V K	H21
2012 LU7	2012 07 27.85745	18 03 21.45	+05 34 30.7	17.1 V	C73	2012 ML6	2012 07 28.275130	21 29 44.32	-20 13 00.3	19.3 V K	H21
2012 LU7	2012 07 27.85825	18 03 21.50	+05 34 29.9	17.3 V	C73	2012 ML6	2012 07 28.281066	21 29 43.43	-20 13 11.2	19.3 V K	H21
2012 LU7	2012 07 27.85906	18 03 21.52	+05 34 29.0	17.3 V	C73	2012 ML6	2012 07 29.09692	21 27 51.60	-20 37 28.5	19.3 V 32	807
2012 LU7	2012 07 27.85986	18 03 21.56	+05 34 28.3	17.2 V	C73	2012 ML6	2012 07 29.10093	21 27 51.01	-20 37 36.1	19.4 V 32	807
2012 LU7	2012 07 27.86067	18 03 21.58	+05 34 27.4	17.4 V	C73	2012 ML6	2012 07 29.10507	21 27 50.42	-20 37 43.5	19.2 V 32	807
2012 LU7	2012 07 27.86147	18 03 21.61	+05 34 26.6	17.2 V	C73	2012 ML6	2012 07 29.10953	21 27 49.78	-20 37 51.7	19.4 V 32	807
2012 LU7	2012 07 27.86228	18 03 21.64	+05 34 25.6	17.2 V	C73	2012 ML6	2012 07 29.11325	21 27 49.24	-20 37 58.6	19.5 V 32	807
2012 LU7	2012 07 27.86309	18 03 21.68	+05 34 25.0	17.3 V	C73	2012 ML6	2012 07 29.11782	21 27 39.85	-20 39 55.7	19.2 V 32	807
2012 LU7	2012 07 27.86389	18 03 21.70	+05 34 24.2	17.1 V	C73	2012 ML6	2012 07 29.18084	21 27 39.41	-20 40 01.2	19.1 V 32	807
2012 LU7	2012 07 27.86470	18 03 21.75	+05 34 23.0	17.2 V	C73	2012 ML6	2012 07 29.18388	21 27 38.96	-20 40 06.8	19.2 V 32	807
2012 LU7	2012 07 27.86550	18 03 21.78	+05 34 22.6	17.6 V	C73	2012 ML6	2012 07 29.18691	21 27 38.52	-20 40 12.2	19.2 V 32	807
2012 LU7	2012 07 27.86631	18 03 21.83	+05 34 21.7	17.3 V	C73	2012 ML6	2012 07 29.18992	21 27 38.08	-20 40 17.6	19.2 V 32	807
2012 LU7	2012 07 27.86712	18 03 21.85	+05 34 20.8	17.5 V	C73	2012 ME7	2012 07 29.241807	20 44 29.45	+26 47 44.5	20.8 V K	H21
2012 LU7	2012 07 27.86792	18 03 21.87	+05 34 20.0	17.5 V	C73	2012 ME7	2012 07 29.246757	20 44 29.82	+26 48 08.8	20.2 V K	H21
2012 LU7	2012 07 27.86873	18 03 21.89	+05 34 19.1	17.3 V	C73	2012 ME7	2012 07 29.251705	20 44 30.20	+26 48 33.1	K	H21
2012 LU7	2012 07 27.86953	18 03 21.95	+05 34 18.4	17.6 V	C73	2012 ME7	2012 07 29.256160	20 44 30.54	+26 48 55.1	K	H21
2012 LU7	2012 07 27.87032	18 03 21.97	+05 34 17.4	17.5 V	C73	2012 ME7	2012 07 29.260711	20 44 30.86	+26 49 17.7	20.3 V K	H21
2012 LU7	2012 07 27.89959	18 03 23.70	+05 33 48.8	16.7 R K	160	2012 ME7	2012 07 30.262588	20 46 02.00	+28 11 25.7	19.6 V K	H21
2012 LU7	2012 07 27.90173	18 03 23.79	+05 33 46.6	16.9 R K	160	2012 ME7	2012 07 30.268274	20 46 02.41	+28 11 53.8	19.9 V K	H21
2012 LU7	2012 07 27.90388	18 03 23.87	+05 33 44.3	16.7 R K	160	2012 ME7	2012 07 30.273318	20 46 02.82	+28 12 18.6	20.1 V K	H21
2012 LU7	2012 07 28.87983	18 04 17.88	+05 16 33.1	16.9 R K	160	2012 MW8	2012 07 28.37213	19 59 54.903	-11 11 54.50	19.7 i	F51
2012 LU7	2012 07 28.88202	18 04 17.98	+05 16 30.7	16.9 R K	160	2012 MW8	2012 07 28.38313	19 59 54.240	-11 11 53.85	19.5 i	F51
2012 LU7	2012 07 28.88419	18 04 18.08	+05 16 28.4	16.8 R K	160	2012 MW8	2012 07 28.39335	19 59 53.618	-11 11 53.41	19.7 r	F51
2012 LU7	2012 07 29.87452	18 05 18.57	+04 57 44.5	16.7 R K	160	2012 MW8	2012 07 28.40321	19 59 53.018	-11 11 53.01	19.8 r	F51
2012 LU7	2012 07 29.87672	18 05 18.69	+04 57 41.8	16.7 R K	160	2012 MM11	2012 07 19.07475	00 37 57.92	+62 43 48.0	17.4 R K	A24
2012 LU7	2012 07 29.87878	18 05 18.79	+04 57 39.4	16.8 R K	160	2012 MM11	2012 07 19.07526	00 38 00.11	+62 43 53.7	17.0 R K	A24
2012 LU7	2012 07 30.180242	18 05 38.00	+04 51 44.0	17.2 V K	H21	2012 MM11	2012 07 19.07578	00 38 02.61	+62 44 00.1	16.9 R K	A24
2012 LU7	2012 07 30.182262	18 05 38.10	+04 51 41.6	17.4 V K	H21	2012 MD15	2001 02 25.61183	13 52 38.68	+21 59 20.4	21.0	608
2012 LU7	2012 07 30.185733	18 05 38.28	+04 51 37.5	17.4 V K	H21	2012 MD15	2001 02 25.62211	13 52 38.80	+21 59 33.7	20.7	608
2012 LU7	2012 07 30.187467	18 05 38.38	+04 51 35.3	17.3 V K	H21	2012 MD15	2001 02 25.63248	13 52 38.90	+21 59 47.4	21.0	608
2012 LU7	2012 07 30.189568	18 05 38.49	+04 51 32.8	17.4 V K	H21	2012 MD15	2006 01 05.41110	10 29 21.55	+08 56 32.6	19.8 V	G96
2012 LU7	2012 07 30.191426	18 05 38.58	+04 51 30.6	17.3 V K	H21	2012 MD15	2006 01 05.41840	10 29 21.55	+08 56 39.6	19.5 V	G96
2012 LU7	2012 07 30.193656	18 05 38.70	+04 51 27.8	17.4 V K	H21	2012 MD15	2006 01 05.42569	10 29 21.69	+08 56 47.1	19.8 V	G96
2012 LE11	2012 07 19.06828	00 18 50.52	+28 58 19.3	17.8 R	A24	2012 MD15	2006 01 05.43307	10 29 21.80	+08 56 54.4	19.9 V	G96
2012 LE11	2012 07 19.06901	00 18 50.68	+28 58 19.8	17.4 R	A24	2012 MD15	2007 09 06.65552	00 12 15.48	-31 33 33.8	19.4 V	E12
2012 LE11	2012 07 19.06972	00 18 50.92	+28 58 19.8	17.9 R	A24	2012 MD15	2007 09 06.67035	00 12 14.83	-31 33 56.1	19.5 V	E12
2012 LE11	2012 07 19.07044	00 18 51.09	+28 58 20.0	18.0 R	A24	2012 MD15	2007 09 06.68508	00 12 14.29	-31 34 17.5	19.7 V	E12
2012 LE11	2012 07 24.05343	00 41 42.05	+29 04 18.6	17.7 R K	A24	2012 MD15	2007 09 06.69983	00 12 13.53	-31 34 38.6	19.7 V	E12
2012 LE11	2012 07 24.06608	00 41 45.33	+29 04 18.2	18.0 R K	A24	2012 MD15	2007 10 05.55376	23 47 59.02	-39 26 59.7	20.3 V	E12
2012 LE11	2012 07 24.08103	00 41 49.20	+29 04 17.7	17.9 R K	A24	2012 MD15	2007 10 05.56409	23 47 58.52	-39 27 04.1	19.8 V	E12
2012 LE11	2012 07 24.09319	00 41 52.34	+29 04 17.1	17.8 R K	A24	2012 MD15	2007 10 05.57443	23 47 58.09	-39 27 08.3	20.0 V	E12
2012 LE11	2012 07 28.08463	00 58 57.18	+28 52 37.0	18.1 R K	160	2012 MD15	2007 10 05.58478	23 47 57.48	-39 27 12.8	19.7 V	E12
2012 LE11	2012 07 28.08740	00 58 57.84	+28 52 36.4	18.1 R K	160	2012 MD15	2009 02 03.50755	15 22 54.19	+07 16 06.9	21.8 V	G96
2012 LE11	2012 07 28.09019	00 58 58.53	+28 52 36.0	18.3 R K	160	2012 MD15	2009 02 03.51309	15 22 54.69	+07 16 08.5	21.1 V	G96
2012 LE11	2012 07 28.37770	01 00 10.04	+28 51 17.8	18.1	704	2012 MD15	2009 02 03.51845	15 22 55.27	+07 16 10.8	22.6 V	G96
2012 LE11	2012 07 28.38638	01 00 11.80	+28 51 15.2	18.5 R	H45	2012 MD15	2009 02 03.52393	15 22 55.81	+07 16 14.0	21.5 V	G96
2012 LE11	2012 07 28.38749	01 00 12.06	+28 51 15.2	18.5 R	H45	2012 MD15	2012 07 18.25503	20 35 43.18	-09 19 10.3	19.8 V	703
2012 LE11	2012 07 28.38872	01 00 12.33	+28 51 15.1	18.6 R	H45	2012 MD15	2012 07 18.25571	20 35 43.18	-09 19 10.3	19.4 V	703
2012 LE11	2012 07 28.38894	01 00 12.70	+28 51 15.2	18.7	704	2012 MD15	2012 07 18.26310	20 35 42.72	-09 19 20.3	19.5 V	703
2012 LE11	2012 07 28.39054	01 00 12.78	+28 51 14.4	18.4 R	H45	2012 MD15	2012 07 18.26380	2			

2012 NE	2012 07 28.38313	20 01 59.310	-10 51 48.72	19.6 i	F51	2012 NX ₁	*2012 07 13.97611	16 23 23.83	-24 49 51.6	19.9 V	I16
2012 NE	2012 07 28.39335	20 01 58.712	-10 51 43.92	19.8 r	F51	2012 NX ₁	2012 07 13.99252	16 23 23.71	-24 49 45.0	19.9 V	I16
2012 NE	2012 07 28.40321	20 01 58.096	-10 51 39.03	20.0 r	F51	2012 NX ₁	2012 07 14.00094	16 23 23.72	-24 49 43.8	19.9 V	I16
2012 NN	2012 07 23.88985	18 15 24.64	+07 02 02.2	17.7 R	K A24	2012 NX ₁	2012 07 14.00935	16 23 23.72	-24 49 40.8	19.7 V	I16
2012 NN	2012 07 23.89116	18 15 25.21	+07 02 59.6	17.6 R	K A24	2012 NX ₁	2012 07 14.01765	16 23 23.69	-24 49 36.7	19.9 V	I16
2012 NN	2012 07 23.90565	18 15 31.30	+07 02 19.5	17.7 R	K A24	2012 NX ₁	2012 07 17.99182	16 23 39.40	-24 27 37.9	20.2 V	I16
2012 NN	2012 07 23.92301	18 15 38.59	+07 01 32.9	17.3 R	K A24	2012 NX ₁	2012 07 18.00707	16 23 39.48	-24 27 33.6	19.7 V	I16
2012 NN	2012 07 23.93725	18 15 44.53	+07 00 54.5	17.3 R	K A24	2012 NX ₁	2012 07 18.01469	16 23 39.48	-24 27 31.7	19.9 V	I16
2012 NN	2012 07 23.93875	18 15 45.20	+07 00 50.1	18.0 R	K A24	2012 NX ₁	2012 07 18.02230	16 23 39.54	-24 27 28.9	19.8 V	I16
2012 NN	2012 07 27.91402	18 40 50.02	+04 19 07.6	18.8 R	K 160	2012 OB	2005 10 25.42220	04 27 25.95	+28 27 28.9	20.3 V	691
2012 NN	2012 07 27.91675	18 40 50.89	+04 19 01.9	18.1 R	K 160	2012 OB	2005 10 25.43971	04 27 25.27	+28 27 26.9	20.3 V	691
2012 NN	2012 07 27.91954	18 40 51.80	+04 18 55.8	18.6 R	K 160	2012 OB	2005 10 25.45854	04 27 24.58	+28 27 26.1	20.0 V	691
2012 NN	2012 07 28.182399	18 42 17.46	+04 09 26.4	19.2 V	K H21	2012 OB	2005 11 06.26473	04 18 14.55	+27 58 08.7	20.2 V	691
2012 NN	2012 07 28.185253	18 42 18.32	+04 09 20.3	18.6 V	K H21	2012 OB	2005 11 06.28225	04 18 13.55	+27 58 05.5	20.3 V	691
2012 NN	2012 07 28.188108	18 42 19.22	+04 09 14.2	18.7 V	K H21	2012 OB	2005 11 06.29985	04 18 12.53	+27 58 02.2	20.2 V	691
2012 NN	2012 07 28.190962	18 42 20.08	+04 09 07.7	19.3 V	K H21	2012 OB	2005 12 25.31442	03 33 26.98	+23 30 34.4		291
2012 NN	2012 07 28.193812	18 42 20.95	+04 09 01.6	19.4 V	K H21	2012 OB	2005 12 25.32025	03 33 26.83	+23 30 32.4		291
2012 NN	2012 07 28.199760	18 42 22.79	+04 08 48.6	18.0 V	K H21	2012 OB	2005 12 25.32608	03 33 26.66	+23 30 30.5		291
2012 NN	2012 07 28.89417	18 46 01.86	+03 44 11.6	19.1 R	K 160	2012 OB	2009 12 11.40341	05 35 46.53	+25 39 11.8	19.4 V	G96
2012 NN	2012 07 28.89716	18 46 02.74	+03 44 05.7	18.9 R	K 160	2012 OB	2009 12 11.40802	05 35 46.17	+25 39 11.2	19.1 V	G96
2012 NN	2012 07 28.89961	18 46 03.42	+03 44 00.6	18.7 R	K 160	2012 OB	2009 12 11.41264	05 35 45.85	+25 39 10.3	19.5 V	G96
2012 NN	2012 07 29.30400	18 48 04.52	+03 30 08.8	19.5 V	K H21	2012 OB	2009 12 11.41738	05 35 45.56	+25 39 09.4	19.5 V	G96
2012 NN	2012 07 29.31130	18 48 06.63	+03 29 54.0	19.4 V	K H21	2012 OB	2009 12 20.38265	05 25 35.72	+25 09 28.5	20.0 V	G96
2012 NN	2012 07 29.31437	18 48 07.54	+03 29 47.7	19.4 V	K H21	2012 OB	2009 12 20.38902	05 25 35.29	+25 09 26.8	19.6 V	G96
2012 NN	2012 07 29.31845	18 48 08.73	+03 29 39.3	19.6 V	K H21	2012 OB	2009 12 20.39532	05 25 34.86	+25 09 25.2	19.8 V	G96
2012 NN	2012 07 29.88882	18 50 58.25	+03 10 31.7	18.3 R	K 160	2012 OB	2009 12 20.40167	05 25 34.42	+25 09 24.2	19.9 V	G96
2012 NN	2012 07 29.89155	18 50 59.00	+03 10 25.7	18.4 R	K 160	2012 OB	2010 02 13.19380	05 01 39.82	+22 33 32.2	20.9 V	G96
2012 NN	2012 07 29.89430	18 50 59.76	+03 10 20.1	18.5 R	K 160	2012 OB	2010 02 13.20142	05 01 40.00	+22 33 31.8	20.9 V	G96
2012 NN	2012 07 30.14025	18 52 09.85	+03 03 08.6	19.5 V	32 807	2012 OB	2010 02 13.20921	05 01 40.11	+22 33 30.3	21.7 V	G96
2012 NN	2012 07 30.14552	18 52 11.25	+03 02 58.4	18.9 V	32 807	2012 OB	2010 02 13.21694	05 01 40.29	+22 33 29.9	21.7 V	G96
2012 NN	2012 07 30.15126	18 52 12.79	+03 02 47.1	19.3 V	32 807	2012 OB	2011 03 30.38227	11 14 36.400	-06 04 02.60	22.0 w	F51
2012 NN	2012 07 30.15876	18 52 14.82	+03 02 32.3	19.4 V	32 807	2012 OB	2011 03 30.39673	11 14 35.667	-06 03 57.25	22.0 w	F51
2012 NN	2012 07 30.16509	18 52 16.51	+03 02 20.0	19.3 V	32 807	2012 OB	2011 03 30.40999	11 14 35.002	-06 03 52.26	22.2 w	F51
2012 NN	2012 07 30.197778	18 52 26.03	+03 00 27.0	19.6 V	K H21	2012 OB	2012 07 30.05832	21 02 33.16	-09 02 51.2	19.0 V	D03
2012 NN	2012 07 30.201496	18 52 27.04	+03 00 19.8	19.5 V	K H21	2012 OB	2012 07 30.06662	21 02 32.68	-09 02 51.8	19.1 V	D03
2012 NN	2012 07 30.205206	18 52 28.03	+03 00 12.7	19.7 V	K H21	2012 OB	2012 07 30.07493	21 02 32.19	-09 02 51.1	18.9 V	D03
2012 NN	2012 07 30.209043	18 52 29.07	+03 00 05.4	19.4 V	K H21	2012 OC	2012 07 30.05418	20 46 53.06	-07 47 46.4	19.4 V	D03
2012 NN	2012 07 30.213830	18 52 30.36	+02 59 55.9	19.5 V	K H21	2012 OC	2012 07 30.06244	20 46 52.65	-07 47 47.6	19.3 V	D03
2012 NO	2012 07 19.04504	20 16 52.29	+39 42 31.1	18.5 R	K A24	2012 OC	2012 07 30.07080	20 46 52.25	-07 47 49.0	19.1 V	D03
2012 NO	2012 07 19.04607	20 16 51.66	+39 42 43.1	18.5 R	K A24	2012 OO	2012 07 24.06366	22 32 20.31	+17 35 12.6	17.4 R	K A24
2012 NO	2012 07 19.04711	20 16 51.07	+39 42 54.5	18.8 R	K A24	2012 OO	2012 07 24.06440	22 32 20.63	+17 35 13.9	17.6 R	K A24
2012 NO	2012 07 19.98337	20 07 04.72	+42 43 29.7	18.4 R	K A24	2012 OO	2012 07 24.07774	22 32 26.41	+17 35 41.5	17.5 R	K A24
2012 NO	2012 07 20.03496	20 06 30.33	+42 53 11.5	18.4 R	K A24	2012 OO	2012 07 24.09226	22 32 32.67	+17 36 11.4	17.7 R	K A24
2012 NO	2012 07 20.03703	20 06 28.90	+42 53 35.2	18.7 R	K A24	2012 OO	2012 07 24.10534	22 32 38.37	+17 36 37.8	17.4 R	K A24
2012 NO	2012 07 28.177431	18 10 47.02	+61 21 35.5	20.1 V	K H21	2012 OO	2012 07 24.10609	22 32 38.67	+17 36 39.4	17.6 R	K A24
2012 NO	2012 07 28.180788	18 10 43.57	+61 21 51.5	20.0 V	K H21	2012 OO	2012 07 27.99106	23 04 07.25	+19 41 57.3	17.7 V	C73
2012 NO	2012 07 28.184359	18 10 39.84	+61 22 08.3	20.0 V	K H21	2012 OO	2012 07 27.99186	23 04 07.71	+19 41 59.2	18.1 V	C73
2012 NO	2012 07 28.188404	18 10 35.62	+61 22 27.7	20.0 V	K H21	2012 OO	2012 07 27.99266	23 04 08.12	+19 42 00.9	17.9 V	C73
2012 NO	2012 07 29.29066	17 51 43.19	+62 42 12.6	19.7 V	K H21	2012 OO	2012 07 27.99347	23 04 08.51	+19 42 02.2	18.1 V	C73
2012 NO	2012 07 29.29497	17 51 38.68	+62 42 29.4	20.0 V	K H21	2012 OO	2012 07 27.99428	23 04 08.92	+19 42 04.0	17.7 V	C73
2012 NO	2012 07 29.29926	17 51 34.14	+62 42 45.7	19.9 V	K H21	2012 OO	2012 07 27.99508	23 04 09.36	+19 42 05.2	18.5 V	C73
2012 NP	2012 07 19.05668	21 54 53.84	+18 32 17.6	18.5 R	K A24	2012 OO	2012 07 27.99589	23 04 09.72	+19 42 06.8	18.0 V	C73
2012 NP	2012 07 19.05817	21 54 54.38	+18 32 16.7	18.2 R	K A24	2012 OO	2012 07 27.99669	23 04 10.04	+19 42 08.0	17.8 V	C73
2012 NP	2012 07 19.07206	21 54 59.73	+18 32 06.8	18.6 R	K A24	2012 OO	2012 07 27.99750	23 04 10.58	+19 42 09.6	18.1 V	C73
2012 NP	2012 07 19.08830	21 55 05.92	+18 31 54.9	18.4 R	K A24	2012 OO	2012 07 27.99830	23 04 10.89	+19 42 10.9	18.5 V	C73
2012 NP	2012 07 19.10170	21 55 11.06	+18 31 44.9	18.4 R	K A24	2012 OO	2012 07 27.99911	23 04 11.32	+19 42 12.2	18.3 V	C73
2012 NP	2012 07 19.10318	21 55 11.61	+18 31 43.6	18.5 R	K A24	2012 OO	2012 07 27.99991	23 04 11.67	+19 42 13.9	17.9 V	C73
2012 NP	2012 07 24.06099	22 28 33.46	+17 06 05.9	17.9 R	K A24	2012 OO	2012 07 28.00072	23 04 12.12	+19 42 15.2	18.4 V	C73
2012 NP	2012 07 24.06249	22 28 34.04	+17 06 04.0	18.4 R	K A24	2012 OO	2012 07 28.00152	23 04 12.52	+19 42 17.2	17.8 V	C73
2012 NP	2012 07 24.07526	22 28 38.88	+17 05 46.6	18.8 R	K A24	2012 OO	2012 07 28.00233	23 04 12.87	+19 42 18.2	17.6 V	C73
2012 NP	2012 07 24.09040	22 28 44.66	+17 05 27.0	18.6 R	K A24	2012 OO	2012 07 28.00312	23 04 13.31	+19 42 19.6	17.8 V	C73
2012 NP	2012 07 24.10267	22 28 49.39	+17 05 11.1	17.6 R	K A24	2012 OO	2012 07 28.00394	23 04 13.70	+19 42 21.5	17.8 V	C73
2012 NP	2012 07 24.10417	22 28 49.90	+17 05 08.2	18.4 R	K A24	2012 OO	2012 07 28.00473	23 04 14.08	+19 42 22.7	18.4 V	C73
2012 NP	2012 07 27.96329	22 54 15.11	+15 25 30.1	18.7 R	K 157	2012 OO	2012 07 28.04169	23 04 33.44	+19 43 30.3	17.4 R	K 160
2012 NP	2012 07 27.96627	22 54 16.24	+15 25 25.0	18.6 R	K 157	2012 OO	2012 07 28.04412	23 04 34.63	+19 43 34.7	17.4 R	K 160
2012 NP	2012 07 27.96924	22 54 17.31	+15 25 20.1	18.5 R	K 157	2012 OO	2012 07 28.04652	23 04 35.82	+19 43 39.2	17.4 R	K 160
2012 NP	2012 07 28.03232	22 54 40.52	+15 23 30.2	18.5 R	K 160	2012 OO	2012 07 28.31179	23 06 54.17	+19 51 39.3	18.0 R	H45
2012 NP	2012 07 28.03498	22 54 41.49	+15 23 25.5	18.7 R	K 160	2012 OO	2012 07 28.31437	23 06 55.47	+19 51 44.3	18.1 R	H45
2012 NP	2012 07 28.03797	22 54 42.59	+15 23 20.7	19.2 R	K 160	2012 OO	2012 07 28.31509	23 06 55.83	+19 51 45.3	18.2 R	H45
2012 NP	2012 07 28.32433	22 56 32.90	+15 15 03.6	19.0 R	H45	2012 OO	2012 07 28.31612	23 06 56.32	+19 51 47.1	18.3 R	H45
2012 NP	2012 07 28.32543	22 56 33.32	+15 15 01.9	19.0 R	H45	2012 OO	2012 07 28.31690	23 06 56.73	+19 51 48.4	18.3 R	H45
2012 NP	2012 07 28.32657	22 56 33.69	+15 15 00.1	19.2 R	H45	2012 OO	2012 07 28.31797	23 06 57.25	+19 51 50.5	18.3 R	H45
2012 NP	2012 07 28.32740	22 56 33.94	+15 14 58.4	19.1 R	H45	2012 OO	2012 07 28.31902	23 06 57.78	+19 51 52.3	18.2 R	H45
2012 NP	2012 07 28.32830	22 56 34.29	+15 14 57.1	19.0 R	H45	2012 OO	2012 07 28.32021	23 06 58.36	+19 51 54.5	18.0 R	H45
2012 NP	2012										

2012 OQ	2012 07 24.03302	20 47 08.35	+40 22 53.3	14.9 R	C23	2012 OE ₁	2012 07 28.303804	22 44 34.35	+10 24 55.2	19.7 V	K	H21
2012 OQ	2012 07 24.03307	20 47 06.29	+40 23 36.2	15.8 R	K A24	2012 OE ₁	2012 07 28.30388	22 44 34.56	+10 24 56.6	19.8 R	K	H45
2012 OQ	2012 07 25.87729	20 58 17.78	+76 54 41.2		K 204	2012 OE ₁	2012 07 28.309563	22 44 34.75	+10 25 05.1	19.7 V	K	H21
2012 OQ	2012 07 25.87908	20 58 19.15	+76 56 37.9		K 204	2012 OE ₁	2012 07 29.35051	22 45 52.09	+10 53 41.2	20.0 V	K	H21
2012 OQ	2012 07 25.88088	20 58 20.48	+76 58 34.8	16.7 R	K 204	2012 OE ₁	2012 07 29.35387	22 45 52.32	+10 53 46.8	20.1 V	K	H21
2012 OZ	2012 07 26.99570	21 05 46.26	-20 52 22.2		K 204	2012 OE ₁	2012 07 29.35734	22 45 52.54	+10 53 52.5	20.1 V	K	H21
2012 OZ	2012 07 27.00683	21 05 46.57	-20 53 01.9	18.1 R	K 204	2012 OE ₁	2012 07 30.296549	22 47 01.40	+11 19 21.2	19.8 V	K	H21
2012 OZ	2012 07 28.239578	21 06 29.30	-22 07 01.2	19.4 V	K H21	2012 OE ₁	2012 07 30.300259	22 47 01.64	+11 19 27.5	20.0 V	K	H21
2012 OZ	2012 07 28.243060	21 06 29.40	-22 07 13.8	19.5 V	K H21	2012 OE ₁	2012 07 30.303965	22 47 01.89	+11 19 33.5	19.9 V	K	H21
2012 OZ	2012 07 28.246544	21 06 29.48	-22 07 26.7	19.4 V	K H21	2012 OE ₁	2012 07 30.307670	22 47 02.13	+11 19 39.4	20.1 V	K	H21
2012 OZ	2012 07 28.249490	21 06 29.56	-22 07 37.2	19.4 V	K H21	2012 OE ₁	2012 07 30.311699	22 47 02.38	+11 19 45.9	19.9 V	K	H21
2012 OZ	2012 07 29.09090	21 06 29.59	-22 58 37.5	19.1 V	32 807	2012 OU ₁	2012 07 28.34989	03 25 27.40	-32 17 49.6	19.5 V	32 807	
2012 OZ	2012 07 29.09363	21 06 29.66	-22 58 47.6	19.0 V	32 807	2012 OU ₁	2012 07 28.35344	03 25 38.40	-32 17 37.6	19.7 V	32 807	
2012 OZ	2012 07 29.09725	21 06 29.76	-22 59 01.1	19.1 V	32 807	2012 OU ₁	2012 07 28.35519	03 25 43.70	-32 17 31.3	19.9 V	32 807	
2012 OZ	2012 07 29.10090	21 06 29.86	-22 59 14.8	19.3 V	32 807	2012 OU ₁	2012 07 28.35701	03 25 49.34	-32 17 25.4	19.6 V	32 807	
2012 OZ	2012 07 29.10363	21 06 29.94	-22 59 24.9	19.3 V	32 807	2012 OY ₂	2012 07 28.08048	22 31 59.77	-02 57 44.8	20.5 V	K	954
2012 OZ	2012 07 29.32318	21 07 06.11	-23 13 23.3	19.4 V	K H21	2012 OY ₂	2012 07 28.10059	22 31 59.10	-02 57 46.7	20.1 V	I	954
2012 OZ	2012 07 29.32683	21 07 06.22	-23 13 36.9	19.2 V	K H21	2012 OY ₂	2012 07 28.29204	22 31 53.65	-02 57 54.6	20.1 V	K	I48
2012 OZ	2012 07 29.33368	21 07 06.41	-23 14 02.0	19.5 V	K H21	2012 OY ₂	2012 07 28.31738	22 31 52.70	-02 57 56.4	20.2 V	K	I48
2012 OZ	2012 07 30.07284	21 07 33.92	-23 59 31.5	18.4 V	32 807	2012 OY ₂	2012 07 29.17186	22 31 28.62	-02 59 07.2	20.1 R	K	I19
2012 OZ	2012 07 30.07576	21 07 34.01	-23 59 42.5	19.7 V	32 807	2012 OY ₂	2012 07 29.18424	22 31 28.25	-02 59 07.6	19.8 R	K	I19
2012 OZ	2012 07 30.08154	21 07 34.18	-24 00 04.0	19.4 V	32 807	2012 OY ₂	2012 07 29.19825	22 31 27.77	-02 59 09.2	19.9 R	K	I19
2012 OZ	2012 07 30.08444	21 07 34.26	-24 00 15.0	19.4 V	32 807	2012 OY ₂	2012 07 29.99347	22 31 04.16	-03 00 25.7	19.8 V	K	I93
2012 OZ	2012 07 30.24122	21 07 38.79	-24 10 30.2		H 821	2012 OY ₂	2012 07 30.02451	22 31 03.23	-03 00 28.2	19.4 V	K	I93
2012 OZ	2012 07 30.24871	21 07 39.04	-24 10 59.1	19.8 V	F H21	2012 OY ₂	2012 07 30.04203	22 31 02.67	-03 00 30.0	19.7 V	K	I93
2012 OA ₁	2012 07 28.33578	23 15 07.22	+11 07 03.4	19.5 R	H45	2012 OV ₃	2012 07 28.00785	21 52 16.33	-05 01 10.5	20.0 V	K	I98
2012 OA ₁	2012 07 28.33737	23 15 07.32	+11 07 09.0	19.5 R	H45	2012 OV ₃	2012 07 28.01917	21 52 15.95	-05 01 12.3	20.2 V	K	I98
2012 OA ₁	2012 07 28.33844	23 15 07.35	+11 07 13.0	19.5 R	H45	2012 OV ₃	2012 07 28.03048	21 52 15.60	-05 01 13.9	20.0 V	K	I98
2012 OA ₁	2012 07 28.33933	23 15 07.38	+11 07 14.2	19.5 R	H45	2012 OV ₃	2012 07 28.28779	21 27 28.40	-06 08 30.9	19.2 R	K	H36
2012 OA ₁	2012 07 28.34019	23 15 07.39	+11 07 17.5	19.6 R	H45	2012 OV ₃	2012 07 28.29237	21 27 28.16	-06 08 29.5	19.5 R	K	H36
2012 OA ₁	2012 07 28.34131	23 15 07.43	+11 07 20.3	19.6 R	H45	2012 OV ₃	2012 07 28.29697	21 27 27.94	-06 08 27.4	19.1 R	K	H36
2012 OA ₁	2012 07 28.344346	23 15 07.34	+11 07 25.8	19.8 V	K H21	2012 OV ₃	2012 07 28.30624	21 26 52.78	-06 34 33.7	20.6 R	K	H36
2012 OA ₁	2012 07 28.347457	23 15 07.50	+11 07 35.0	19.9 V	K H21	2012 OV ₃	2012 07 28.31563	21 26 52.32	-06 34 34.8	20.2 R	K	H36
2012 OA ₁	2012 07 28.350712	23 15 07.64	+11 07 44.9	19.8 V	K H21	2012 OV ₃	2012 07 28.32495	21 26 51.93	-06 34 35.5	20.1 R	K	H36
2012 OA ₁	2012 07 29.37015	23 16 09.26	+11 56 48.9	19.6 V	K H21	2012 OV ₃	2012 07 29.35277	21 26 03.80	-06 36 54.1	19.7 R	K	H36
2012 OA ₁	2012 07 29.37167	23 16 09.32	+11 56 53.1	19.4 V	K H21	2012 OV ₃	2012 07 29.35884	21 26 03.49	-06 36 54.6	20.0 R	K	H36
2012 OA ₁	2012 07 29.37620	23 16 09.49	+11 57 06.2	19.9 V	K H21	2012 OV ₃	2012 07 28.30470	21 26 51.64	-06 37 08.6	20.2 R	K	H36
2012 OA ₁	2012 07 29.37785	23 16 09.55	+11 57 10.6	19.7 V	K H21	2012 OZ ₃	2012 07 28.31088	21 26 51.31	-06 37 08.9	19.7 R	K	H36
2012 OA ₁	2012 07 30.315469	23 17 02.65	+12 40 16.9	19.4 V	K H21	2012 OA ₄	2012 07 28.26917	21 28 42.03	-06 44 25.3	19.7 R	K	H36
2012 OA ₁	2012 07 30.318069	23 17 02.74	+12 40 24.0	19.4 V	K H21	2012 OA ₄	2012 07 28.27609	21 28 41.66	-06 44 24.8	19.2 R	K	H36
2012 OA ₁	2012 07 30.320786	23 17 02.84	+12 40 31.2	19.4 V	K H21	2012 OC ₄	2012 07 25.89208	18 25 54.70	-03 11 50.3		K	621
2012 OA ₁	2012 07 30.323126	23 17 02.91	+12 40 37.7	19.4 V	K H21	2012 OC ₄	2012 07 25.90131	18 25 54.50	-03 12 01.5		K	621
2012 OA ₁	2012 07 30.325334	23 17 03.01	+12 40 43.7	19.3 V	K H21	2012 OC ₄	2012 07 25.91055	18 25 54.28	-03 12 12.7		K	621
2012 OB ₁	2012 07 28.360167	23 36 10.49	+10 18 12.4	20.1 V	K H21	2012 OC ₄	2012 07 25.91978	18 25 54.08	-03 12 23.8	19.0 R	K	621
2012 OB ₁	2012 07 28.362294	23 36 10.78	+10 18 18.2	20.0 V	K H21	2012 OC ₄	2012 07 26.88553	18 25 35.17	-03 31 45.9		K	621
2012 OB ₁	2012 07 28.364802	23 36 11.15	+10 18 25.0	20.2 V	K H21	2012 OC ₄	2012 07 26.89417	18 25 34.97	-03 31 57.0		K	621
2012 OB ₁	2012 07 30.36359	23 41 04.54	+11 50 43.9	20.2 V	K H21	2012 OC ₄	2012 07 26.90282	18 25 34.77	-03 32 07.9		K	621
2012 OB ₁	2012 07 30.36859	23 41 05.21	+11 50 57.5	20.3 V	K H21	2012 OC ₄	2012 07 26.91435	18 25 34.50	-03 32 22.1	19.1 R	K	621
2012 OB ₁	2012 07 30.37330	23 41 05.84	+11 51 10.4	20.0 V	K H21	2012 OC ₄	2012 07 27.85184	18 25 17.80	-03 51 15.4	18.6 R	K	470
2012 OC ₁	2012 07 28.22466	21 27 57.35	-22 35 01.1	19.7 V	32 807	2012 OC ₄	2012 07 27.85477	18 25 17.76	-03 51 18.8	18.6 R	K	470
2012 OC ₁	2012 07 28.22883	21 27 57.04	-22 35 03.5	20.0 V	32 807	2012 OC ₄	2012 07 27.87676	18 25 17.30	-03 51 46.5		K	160
2012 OC ₁	2012 07 28.23298	21 27 56.74	-22 35 06.1	19.7 V	32 807	2012 OC ₄	2012 07 27.88008	18 25 17.23	-03 51 50.1	18.1 R	K	160
2012 OC ₁	2012 07 28.23693	21 27 56.44	-22 35 08.3	19.5 V	32 807	2012 OC ₄	2012 07 27.88362	18 25 17.18	-03 51 54.2		K	160
2012 OC ₁	2012 07 28.254043	21 27 55.36	-22 35 26.9	20.2 V	K H21	2012 OC ₄	2012 07 27.94998	18 25 15.96	-03 53 16.3	18.0 R	K	104
2012 OC ₁	2012 07 28.258448	21 27 55.04	-22 35 29.4	19.4 V	K H21	2012 OC ₄	2012 07 27.95561	18 25 15.80	-03 53 21.5	18.2 R	K	104
2012 OC ₁	2012 07 28.263079	21 27 54.70	-22 35 32.5	19.4 V	K H21	2012 OC ₄	2012 07 27.96125	18 25 15.66	-03 53 29.2	18.3 R	K	104
2012 OC ₁	2012 07 29.08156	21 26 57.44	-22 43 20.9	19.7 V	32 807	2012 OC ₄	2012 07 28.09822	18 25 13.64	-03 56 04.5	19.5 V	32 807	
2012 OC ₁	2012 07 29.08570	21 26 57.14	-22 43 23.2	19.5 V	32 807	2012 OC ₄	2012 07 28.10232	18 25 13.56	-03 56 09.2	19.2 V	32 807	
2012 OC ₁	2012 07 29.08984	21 26 56.84	-22 43 26.0	19.7 V	32 807	2012 OC ₄	2012 07 28.11054	18 25 13.39	-03 56 19.2	19.2 V	32 807	
2012 OC ₁	2012 07 29.09351	21 26 56.58	-22 43 27.9	19.5 V	32 807	2012 OC ₄	2012 07 28.11673	18 25 12.29	-03 57 49.5	18.2 R	K	H36
2012 OC ₁	2012 07 29.270256	21 26 43.77	-22 45 19.4	20.0 V	K H21	2012 OC ₄	2012 07 28.194024	18 25 11.94	-03 58 10.8	19.8 V	K	H21
2012 OC ₁	2012 07 29.278804	21 26 43.12	-22 45 24.5	19.8 V	K H21	2012 OC ₄	2012 07 28.198950	18 25 11.82	-03 58 17.0	20.0 V	K	H21
2012 OC ₁	2012 07 29.286726	21 26 42.54	-22 45 28.9	19.9 V	K H21	2012 OC ₄	2012 07 28.20059	18 25 11.85	-03 58 19.1	18.9 R	K	H36
2012 OD												

2012 OE ₄	2012 07 16.28264	22 32 59.17	-02 45 19.6	21.0	V	I08	2012 OJ ₄	2012 07 28.17719	22 54 55.38	-04 29 45.1	19.2	V	32	807
2012 OE ₄	2012 07 16.28666	22 32 59.15	-02 45 19.3	20.5	V	I08	2012 OJ ₄	2012 07 28.18138	22 54 55.46	-04 29 43.5	19.1	V	32	807
2012 OE ₄	2012 07 16.29074	22 32 59.08	-02 45 19.1	20.6	V	I08	2012 OJ ₄	2012 07 28.18550	22 54 55.55	-04 29 42.2	19.1	V	32	807
2012 OE ₄	2012 07 16.29477	22 32 59.07	-02 45 20.1	20.7	V	I08	2012 OJ ₄	2012 07 28.35144	22 54 59.42	-04 29 01.3	18.9	R	K	H36
2012 OE ₄	2012 07 16.30294	22 32 58.98	-02 45 19.4	20.8	V	I08	2012 OJ ₄	2012 07 28.36441	22 54 59.72	-04 28 57.0	18.2	R	K	H36
2012 OE ₄	2012 07 16.30703	22 32 58.93	-02 45 19.5	21.1	V	I08	2012 OJ ₄	2012 07 28.36899	22 54 59.80	-04 28 55.7	18.5	R	K	H36
2012 OE ₄	2012 07 16.31105	22 32 58.86	-02 45 19.2	20.2	V	I08	2012 OJ ₄	2012 07 28.67367	22 55 07.78	-04 26 47.1	19.1	V		E23
2012 OE ₄	2012 07 17.23262	22 32 49.86	-02 45 12.3	20.5	V	I08	2012 OJ ₄	2012 07 28.68478	22 55 07.98	-04 26 43.0	19.0	V		E23
2012 OE ₄	2012 07 17.24263	22 32 49.81	-02 45 13.1	20.8	V	I08	2012 OJ ₄	2012 07 28.69416	22 55 08.18	-04 26 40.0	18.7	V		E23
2012 OE ₄	2012 07 17.30038	22 32 49.15	-02 45 13.3	20.4	V	I08	2012 OJ ₄	2012 07 28.95615	22 55 15.38	-04 25 28.9	18.3	R	K	104
2012 OE ₄	2012 07 17.30675	22 32 49.04	-02 45 13.6	21.0	V	I08	2012 OJ ₄	2012 07 28.97970	22 55 15.89	-04 25 20.7	18.3	R	K	104
2012 OE ₄	2012 07 17.31312	22 32 49.04	-02 45 12.7	20.5	V	I08	2012 OJ ₄	2012 07 29.00065	22 55 16.25	-04 25 14.2		K		595
2012 OE ₄	2012 07 17.31956	22 32 48.93	-02 45 12.7	20.0	V	I08	2012 OJ ₄	2012 07 29.04746	22 55 17.18	-04 24 58.0	19.3	V	K	595
2012 OE ₄	2012 07 17.32600	22 32 48.84	-02 45 13.0	20.8	V	I08	2012 OJ ₄	2012 07 29.06174	22 55 17.47	-04 24 53.1	19.1	V	K	595
2012 OE ₄	2012 07 17.33244	22 32 48.70	-02 45 12.9	20.1	V	I08	2012 OJ ₄	2012 07 29.10511	22 55 18.84	-04 24 34.0	19.2	V	K	954
2012 OE ₄	2012 07 18.23495	22 32 38.77	-02 45 15.1	20.1	V	I08	2012 OJ ₄	2012 07 29.11856	22 55 19.08	-04 24 29.9	19.2	V	K	954
2012 OE ₄	2012 07 18.24133	22 32 38.68	-02 45 15.4	20.7	V	I08	2012 OJ ₄	2012 07 29.13257	22 55 19.31	-04 24 24.9	19.4	V	K	954
2012 OE ₄	2012 07 18.24771	22 32 38.55	-02 45 15.5	20.5	V	I08	2012 OK ₄	* 2012 07 26.95088	21 30 49.25	-11 03 59.9	18.3	V		J75
2012 OE ₄	2012 07 18.25416	22 32 38.56	-02 45 15.8	20.7	V	I08	2012 OK ₄	2012 07 26.98974	21 30 48.61	-11 04 26.5	18.1	V		J75
2012 OE ₄	2012 07 18.26059	22 32 38.45	-02 45 15.7	20.4	V	I08	2012 OK ₄	2012 07 26.99288	21 30 48.58	-11 04 28.5	18.0	V		J75
2012 OE ₄	2012 07 18.26703	22 32 38.28	-02 45 16.5	20.8	V	I08	2012 OK ₄	2012 07 26.99601	21 30 48.56	-11 04 31.1	18.5	V		J75
2012 OE ₄	2012 07 18.27339	22 32 38.20	-02 45 15.7	20.5	V	I08	2012 OK ₄	2012 07 27.07822	21 30 47.29	-11 05 27.9	18.5	V		J75
2012 OE ₄	2012 07 18.36332	22 32 37.06	-02 45 17.1	21.0	V	I08	2012 OK ₄	2012 07 27.08064	21 30 47.25	-11 05 29.7	18.5	V		J75
2012 OE ₄	2012 07 18.36977	22 32 36.92	-02 45 16.4	20.0	V	I08	2012 OK ₄	2012 07 27.08309	21 30 47.20	-11 05 31.3	18.5	V		J75
2012 OE ₄	2012 07 18.37619	22 32 36.84	-02 45 16.4	20.0	V	I08	2012 OK ₄	2012 07 29.07909	21 30 21.23	-11 29 00.0	18.4	V		J75
2012 OE ₄	2012 07 18.38257	22 32 36.73	-02 45 17.0	20.3	V	I08	2012 OK ₄	2012 07 29.08317	21 30 21.16	-11 29 02.9	18.7	V		J75
2012 OE ₄	2012 07 18.38899	22 32 36.65	-02 45 15.7	20.1	V	I08	2012 OK ₄	2012 07 29.08725	21 30 21.11	-11 29 05.6	18.2	V		J75
2012 OE ₄	2012 07 19.23394	22 32 26.24	-02 45 27.5	20.8	V	I08	2012 OL ₄	* 2012 07 28.37147	20 11 59.936	-10 48 51.36	19.9	i		F51
2012 OE ₄	2012 07 19.25326	22 32 26.01	-02 45 29.3	20.2	V	I08	2012 OL ₄	2012 07 28.38247	20 11 59.151	-10 49 11.42	19.8	i		F51
2012 OE ₄	2012 07 19.27250	22 32 25.76	-02 45 29.2	20.6	V	I08	2012 OL ₄	2012 07 28.39275	20 11 58.425	-10 49 30.11	20.0	r		F51
2012 OE ₄	2012 07 19.28530	22 32 25.53	-02 45 28.6	20.6	V	I08	2012 OL ₄	2012 07 28.40261	20 11 57.730	-10 49 48.29	19.9	r		F51
2012 OE ₄	2012 07 19.31730	22 32 24.99	-02 45 29.4	20.9	V	I08	2012 OL ₄	2012 07 29.04853	20 11 15.05	-11 09 15.5	20.1	V	32	807
2012 OE ₄	2012 07 19.32375	22 32 24.93	-02 45 29.3	21.1	V	I08	2012 OL ₄	2012 07 29.05205	20 11 14.82	-11 09 21.8	19.8	V	32	807
2012 OE ₄	2012 07 22.30390	22 31 39.37	-02 47 11.0	20.5	V	I08	2012 OL ₄	2012 07 29.05556	20 11 14.56	-11 09 28.6	19.9	V	32	807
2012 OE ₄	2012 07 22.32317	22 31 38.96	-02 47 11.4	20.2	V	I08	2012 OL ₄	2012 07 29.05902	20 11 14.32	-11 09 34.8	19.9	V	32	807
2012 OE ₄	2012 07 22.32961	22 31 38.86	-02 47 12.1	20.7	V	I08	2012 OL ₄	2012 07 29.06165	20 11 14.14	-11 09 39.5	19.7	V	32	807
2012 OE ₄	2012 07 22.35529	22 31 38.38	-02 47 12.9	20.4	V	I08	2012 OL ₄	2012 07 29.243807	20 11 01.55	-11 15 24.2	19.8	V	K	H21
2012 OE ₄	2012 07 22.37446	22 31 38.03	-02 47 12.1	20.9	V	I08	2012 OL ₄	2012 07 29.248798	20 11 01.20	-11 15 33.3		I		H21
2012 OE ₄	2012 07 26.34220	22 30 19.23	-02 51 49.1	20.0	V	I08	2012 OL ₄	2012 07 29.253987	20 11 00.85	-11 15 42.4	20.3	V	K	H21
2012 OE ₄	2012 07 26.34863	22 30 19.10	-02 51 49.0	20.5	V	I08	2012 OL ₄	2012 07 29.258154	20 11 00.55	-11 15 50.2		I		H21
2012 OE ₄	2012 07 26.36150	22 30 18.77	-02 51 49.9	20.3	V	I08	2012 OM ₄	* 2012 07 27.12569	23 11 52.25	+14 21 03.2	19.8			J43
2012 OE ₄	2012 07 26.36794	22 30 18.65	-02 51 50.5	20.4	V	I08	2012 OM ₄	2012 07 27.13821	23 11 51.85	+14 21 14.3	20.2			J43
2012 OE ₄	2012 07 26.37432	22 30 18.46	-02 51 51.8	20.6	V	I08	2012 OM ₄	2012 07 27.15083	23 11 51.53	+14 21 24.7	20.2			J43
2012 OF ₄	* 2012 07 16.23405	22 36 08.91	-02 58 36.8	20.5	V	I08	2012 OM ₄	2012 07 27.16339	23 11 51.02	+14 21 36.3	19.8			J43
2012 OF ₄	2012 07 16.24215	22 36 08.93	-02 58 37.7	20.4	V	I08	2012 OM ₄	2012 07 29.45262	23 10 32.48	+14 54 00.0	18.7	R	K	G68
2012 OF ₄	2012 07 16.24624	22 36 08.99	-02 58 37.1	20.6	V	I08	2012 OM ₄	2012 07 29.45712	23 10 32.32	+14 54 03.9	18.7	R	K	G68
2012 OF ₄	2012 07 16.27459	22 36 09.03	-02 58 37.4	20.9	V	I08	2012 OM ₄	2012 07 29.46176	23 10 32.14	+14 54 07.6	19.0	R	K	G68
2012 OF ₄	2012 07 16.28264	22 36 09.00	-02 58 36.5	20.4	V	I08	2012 OM ₄	2012 07 29.46638	23 10 31.97	+14 54 11.7	18.9	R	K	G68
2012 OF ₄	2012 07 16.28666	22 36 09.02	-02 58 36.7	20.8	V	I08	2012 ON ₄	* 2012 07 28.55076	22 15 53.180	+00 55 50.72	19.3	i		F51
2012 OF ₄	2012 07 16.29074	22 36 09.07	-02 58 37.8	20.0	V	I08	2012 ON ₄	2012 07 28.55372	22 15 53.146	+00 55 49.22	19.3	i		F51
2012 OF ₄	2012 07 16.29477	22 36 09.08	-02 58 37.5	20.8	V	I08	2012 ON ₄	2012 07 28.55667	22 15 53.109	+00 55 47.71	19.3	i		F51
2012 OF ₄	2012 07 16.29884	22 36 09.02	-02 58 37.4	20.4	V	I08	2012 ON ₄	2012 07 28.55963	22 15 53.075	+00 55 46.20	19.3	i		F51
2012 OF ₄	2012 07 16.30294	22 36 09.02	-02 58 36.7	19.9	V	I08	2012 ON ₄	2012 07 28.56259	22 15 53.041	+00 55 44.68	19.3	i		F51
2012 OF ₄	2012 07 16.31105	22 36 09.04	-02 58 37.3	20.2	V	I08	2012 ON ₄	2012 07 28.56554	22 15 53.005	+00 55 43.18	19.4	i		F51
2012 OF ₄	2012 07 17.23626	22 36 11.75	-02 58 40.1	20.8	V	I08	2012 ON ₄	2012 07 28.56850	22 15 52.973	+00 55 41.68	19.4	i		F51
2012 OF ₄	2012 07 17.24263	22 36 11.73	-02 58 40.3	20.4	V	I08	2012 ON ₄	2012 07 28.57146	22 15 52.935	+00 55 40.16	19.2	i		F51
2012 OF ₄	2012 07 17.30038	22 36 11.72	-02 58 41.1	20.7	V	I08	2012 ON ₄	2012 07 30.286323	22 15 36.31	+00 40 26.9	19.9	V	K	H21
2012 OF ₄	2012 07 17.30675	22 36 11.73	-02 58 42.1	20.3	V	I08	2012 ON ₄	2012 07 30.289382	22 15 36.30	+00 40 25.0	19.8	V	K	H21
2012 OF ₄	2012 07 17.31312	22 36 11.71	-02 58 41.3	20.5	V	I08	2012 ON ₄	2012 07 30.292463	22 15 36.24	+00 40 23.5	20.1	V	K	H21
2012 OF ₄	2012 07 18.23495	22 36 12.82	-02 58 57.1	20.5	V	I08	2012 ON ₄	2012 07 30.295172	22 15 36.21	+00 40 22.0	19.9	V	K	H21
2012 OF ₄	2012 07 18.24133	22 36 12.85	-02 58 57.6	20.5	V	I08	2012 ON ₄	2012 07 30.300247	22 15 36.16	+00 40 19.1	19.7	V	K	H21
2012 OF ₄	2012 07 18.24771	22 36 12.83	-02 58 57.7	20.1	V	I08	2012 ON ₄	2012 07 30.308959	22 15 36.05	+00 40 14.7	20.2	V	K	H21
2012 OF ₄	2012 07 18.26059	22 36 12.78	-02 58 58.6	20.7	V	I08	2012 ON ₄	2012 07 30.317557	22 15 35.93	+00 40 08.8	20.0	V	K	H21
2012 OF ₄	2012 07 18.36332	22 36 12.55	-02 59 00.9	21.0	V	I08	2012 ON ₄	2012 07 30.324997	22 15 35.77	+00 40 05.9	20.2	V	K	H21
2012 OF ₄	2012 07 18.37619	22 36 12.49	-02 59 00.8	20.5	V	I08	2012 OO ₄	2012 06 21.41100	19 51 47.07	-03 21 39.4	19.9	R		926

Table with multiple columns containing alphanumeric codes (e.g., 2012 OP4, 2012 OQ4, 2012 OW4), numerical values, and letters (e.g., R, V, K, H36, I, Z). The table lists data for various categories across the year 2012, with columns for month, day, and time. The data is organized into groups labeled OP4, OQ4, and OW4, each with sub-columns for different metrics.

2012 OW ₄	2012 07 29.56670	22 13 10.322	-00 47 59.77	19.1 z	F51	2012 OF ₅	2012 07 28.56850	22 15 40.240	-00 24 53.44	20.3 i	F51
2012 OW ₄	2012 07 29.56967	22 13 10.233	-00 48 00.62	20.2 z	F51	2012 OF ₅	2012 07 28.57146	22 15 40.142	-00 24 53.35	20.0 i	F51
2012 OW ₄	2012 07 29.57263	22 13 10.144	-00 48 01.25	19.4 z	F51	2012 OF ₅	2012 07 29.55741	22 15 07.899	-00 24 28.88	19.7 z	F51
2012 OW ₄	2012 07 29.57559	22 13 10.038	-00 48 02.16	19.2 z	F51	2012 OF ₅	2012 07 29.56375	22 15 07.656	-00 24 28.72	20.4 z	F51
2012 OW ₄	2012 07 29.57854	22 13 09.955	-00 48 02.80	19.2 z	F51	2012 OF ₅	2012 07 29.56967	22 15 07.437	-00 24 28.62	20.2 z	F51
2012 OX ₄	* 2012 07 28.55076	22 15 08.373	+00 21 32.17	20.6 i	F51	2012 OF ₅	2012 07 29.57263	22 15 07.343	-00 24 28.54	20.5 z	F51
2012 OX ₄	2012 07 28.55667	22 15 08.248	+00 21 30.04	20.6 i	F51	2012 OF ₅	2012 07 29.57559	22 15 07.277	-00 24 28.20	20.0 z	F51
2012 OX ₄	2012 07 28.55963	22 15 08.187	+00 21 29.05	20.6 i	F51	2012 OF ₅	2012 07 29.57854	22 15 07.137	-00 24 28.43	20.1 z	F51
2012 OX ₄	2012 07 28.56554	22 15 08.059	+00 21 26.85	20.7 i	F51	2012 OG ₅	* 2012 07 28.55667	22 18 35.124	+01 41 10.84	20.5 i	F51
2012 OX ₄	2012 07 28.56850	22 15 07.999	+00 21 25.75	20.7 i	F51	2012 OG ₅	2012 07 28.55963	22 18 35.017	+01 41 10.88	20.5 i	F51
2012 OX ₄	2012 07 28.57146	22 15 07.936	+00 21 24.69	20.4 i	F51	2012 OG ₅	2012 07 28.56259	22 18 34.915	+01 41 10.93	20.4 i	F51
2012 OX ₄	2012 07 29.55741	22 14 48.695	+00 15 21.73	20.3 z	F51	2012 OG ₅	2012 07 28.56554	22 18 34.814	+01 41 10.95	20.5 i	F51
2012 OX ₄	2012 07 29.56080	22 14 48.615	+00 15 20.52	20.1 z	F51	2012 OG ₅	2012 07 28.56850	22 18 34.719	+01 41 11.01	20.5 i	F51
2012 OX ₄	2012 07 29.56375	22 14 48.553	+00 15 19.32	20.8 z	F51	2012 OG ₅	2012 07 29.56080	22 18 02.794	+01 41 18.61	20.4 z	F51
2012 OX ₄	2012 07 29.57263	22 14 48.367	+00 15 16.20	20.7 z	F51	2012 OG ₅	2012 07 29.56375	22 18 02.670	+01 41 18.69	20.6 z	F51
2012 OX ₄	2012 07 29.57854	22 14 48.235	+00 15 13.86	20.7 z	F51	2012 OG ₅	2012 07 29.56670	22 18 02.574	+01 41 18.61	21.1 z	F51
2012 OY ₄	* 2012 07 28.55076	22 16 50.488	-00 56 42.65	20.4 i	F51	2012 OG ₅	2012 07 29.57559	22 18 02.262	+01 41 18.66	20.5 z	F51
2012 OY ₄	2012 07 28.55372	22 16 50.424	-00 56 43.42	20.3 i	F51	2012 OG ₅	2012 07 29.57854	22 18 02.166	+01 41 18.71	20.4 z	F51
2012 OY ₄	2012 07 28.55667	22 16 50.356	-00 56 44.22	20.6 i	F51	32	2012 07 30.80994	01 55 17.94	+15 04 15.0	12.4 V	E12
2012 OY ₄	2012 07 28.55963	22 16 50.291	-00 56 44.96	20.3 i	F51	32	2012 07 30.81363	01 55 18.08	+15 04 15.8	12.4 V	E12
2012 OY ₄	2012 07 28.56259	22 16 50.223	-00 56 45.75	20.2 i	F51	32	2012 07 30.81735	01 55 18.22	+15 04 16.6	12.4 V	E12
2012 OY ₄	2012 07 28.56850	22 16 50.092	-00 56 47.29	20.2 i	F51	32	2012 07 30.82108	01 55 18.37	+15 04 17.3	12.5 V	E12
2012 OY ₄	2012 07 28.57146	22 16 50.025	-00 56 48.10	20.0 i	F51	58	2012 07 28.48197	20 42 27.333	-13 39 53.17	14.8 g	F51
2012 OY ₄	2012 07 29.55741	22 16 28.634	-01 01 10.07	19.5 z	F51	58	2012 07 28.49291	20 42 26.736	-13 39 58.69	14.5 g	F51
2012 OY ₄	2012 07 29.56375	22 16 28.489	-01 01 11.67	19.6 z	F51	66	2012 07 30.26207	13 46 10.485	-13 06 43.19	14.9 z	F51
2012 OY ₄	2012 07 29.56670	22 16 28.427	-01 01 12.48	19.4 z	F51	66	2012 07 30.27302	13 46 10.991	-13 06 45.96	14.9 z	F51
2012 OY ₄	2012 07 29.56967	22 16 28.356	-01 01 13.21	19.5 z	F51	133	2012 07 28.45403	20 53 50.333	-19 36 41.26	13.6 i	F51
2012 OY ₄	2012 07 29.57559	22 16 28.218	-01 01 14.86	20.0 z	F51	133	2012 07 28.46462	20 53 49.651	-19 36 43.26	13.0 i	F51
2012 OY ₄	2012 07 29.57854	22 16 28.156	-01 01 15.60	20.0 z	F51	155	2012 07 30.72193	23 40 05.05	-18 23 55.2	15.5 V	E12
2012 OZ ₄	* 2012 07 28.55076	22 17 36.539	+00 50 44.32	21.5 i	F51	155	2012 07 30.72951	23 40 04.90	-18 23 57.5	15.5 V	E12
2012 OZ ₄	2012 07 28.55372	22 17 36.431	+00 50 44.55	21.5 i	F51	155	2012 07 30.73704	23 40 04.80	-18 23 59.6	15.6 V	E12
2012 OZ ₄	2012 07 28.55667	22 17 36.324	+00 50 44.80	21.4 i	F51	155	2012 07 30.74456	23 40 04.65	-18 24 01.8	15.5 V	E12
2012 OZ ₄	2012 07 28.55963	22 17 36.212	+00 50 45.12	21.4 i	F51	164	2012 07 29.24850	13 35 46.339	+06 36 53.29	14.4 y	F51
2012 OZ ₄	2012 07 28.56259	22 17 36.104	+00 50 45.28	21.3 i	F51	164	2012 07 29.25987	13 35 46.728	+06 36 46.15	14.4 y	F51
2012 OZ ₄	2012 07 28.56554	22 17 36.001	+00 50 45.55	21.5 i	F51	222	2012 07 30.76575	01 38 07.51	+07 42 13.2	15.4 V	E12
2012 OZ ₄	2012 07 28.56850	22 17 35.886	+00 50 45.90	21.3 i	F51	222	2012 07 30.77776	01 38 07.76	+07 42 14.3	15.5 V	E12
2012 OZ ₄	2012 07 28.57146	22 17 35.774	+00 50 46.12	21.3 i	F51	222	2012 07 30.78979	01 38 08.05	+07 42 15.3	15.4 V	E12
2012 OZ ₄	2012 07 29.56080	22 17 00.413	+00 52 03.77	20.5 z	F51	222	2012 07 30.80175	01 38 08.37	+07 42 16.9	15.2 V	E12
2012 OZ ₄	2012 07 29.56375	22 17 00.282	+00 52 04.15	20.5 z	F51	252	2012 07 30.26643	13 50 40.259	-07 00 37.90	15.5 z	F51
2012 OZ ₄	2012 07 29.56670	22 17 00.185	+00 52 04.33	20.7 z	F51	252	2012 07 30.27738	13 50 40.745	-07 00 40.26	15.6 z	F51
2012 OZ ₄	2012 07 29.56967	22 17 00.072	+00 52 04.63	20.2 z	F51	260	2012 07 30.26595	13 38 28.962	-04 43 50.06	15.2 z	F51
2012 OZ ₄	2012 07 29.57854	22 16 59.738	+00 52 05.20	20.8 z	F51	260	2012 07 30.27689	13 38 29.396	-04 43 53.09	15.2 z	F51
2012 OA ₅	* 2012 07 28.55076	22 17 39.243	+01 34 33.87	20.5 i	F51	278	2012 07 28.43242	20 46 10.475	-29 23 17.84	14.6 i	F51
2012 OA ₅	2012 07 28.55667	22 17 39.062	+01 34 33.70	20.3 i	F51	278	2012 07 28.44337	20 46 09.777	-29 23 20.48	13.4 i	F51
2012 OA ₅	2012 07 28.55963	22 17 38.975	+01 34 33.59	20.2 i	F51	282	2012 07 29.47664	20 44 40.969	-13 32 05.63	13.6 i	F51
2012 OA ₅	2012 07 28.56259	22 17 38.884	+01 34 33.45	20.2 i	F51	282	2012 07 29.48803	20 44 40.301	-13 32 10.75	13.6 i	F51
2012 OA ₅	2012 07 28.56554	22 17 38.794	+01 34 33.39	20.2 i	F51	294	2012 07 30.90009	15 33 09.31	-12 20 15.1	14.8 R	939
2012 OA ₅	2012 07 28.56850	22 17 38.707	+01 34 33.33	20.1 i	F51	294	2012 07 30.90777	15 33 09.52	-12 20 17.3	14.8 R	939
2012 OA ₅	2012 07 28.57146	22 17 38.611	+01 34 33.22	20.0 i	F51	294	2012 07 30.91544	15 33 09.72	-12 20 19.4	14.9 R	939
2012 OA ₅	2012 07 29.55741	22 17 09.442	+01 33 56.06	19.4 z	F51	295	2012 07 30.80994	01 51 05.36	+14 45 51.8	14.3 V	E12
2012 OA ₅	2012 07 29.56375	22 17 09.240	+01 33 55.97	19.7 z	F51	295	2012 07 30.81363	01 51 05.58	+14 45 53.1	14.3 V	E12
2012 OA ₅	2012 07 29.56670	22 17 09.155	+01 33 55.78	19.9 z	F51	295	2012 07 30.81735	01 51 05.76	+14 45 54.5	14.3 V	E12
2012 OA ₅	2012 07 29.56967	22 17 09.066	+01 33 55.72	19.8 z	F51	295	2012 07 30.82108	01 51 05.94	+14 45 55.7	14.3 V	E12
2012 OA ₅	2012 07 29.57263	22 17 08.926	+01 33 55.44	20.9 z	F51	313	2012 07 29.04576	00 22 18.42	+04 59 51.5	12.9 R	106
2012 OA ₅	2012 07 29.57559	22 17 08.873	+01 33 55.42	19.8 z	F51	313	2012 07 29.05872	00 22 18.52	+04 59 50.4	12.7 R	106
2012 OA ₅	2012 07 29.57854	22 17 08.797	+01 33 55.35	20.1 z	F51	313	2012 07 29.07166	00 22 18.63	+04 59 49.1	12.7 R	106
2012 OB ₅	* 2012 07 28.55076	22 18 23.377	+01 28 20.30	21.7 i	F51	313	2012 07 29.08468	00 22 18.74	+04 59 47.8	12.6 R	106
2012 OB ₅	2012 07 28.55372	22 18 23.278	+01 28 20.04	21.7 i	F51	366	2012 07 29.03453	00 16 58.77	+02 05 20.7	12.9 R	106
2012 OB ₅	2012 07 28.55667	22 18 23.168	+01 28 19.77	21.7 i	F51	366	2012 07 29.04748	00 16 58.75	+02 05 22.9	13.1 R	106
2012 OB ₅	2012 07 28.55963	22 18 23.061	+01 28 19.38	21.7 i	F51	366	2012 07 29.06044	00 16 58.71	+02 05 25.1	13.0 R	106
2012 OB ₅	2012 07 28.56554	22 18 22.851	+01 28 18.59	21.7 i	F51	366	2012 07 29.07339	00 16 58.66	+02 05 27.5	12.8 R	106
2012 OB ₅	2012 07 28.56850	22 18 22.747	+01 28 18.47	21.6 i	F51	374	2012 07 30.26013	13 26 56.187	-08 02 01.30	13.3 z	F51
2012 OB ₅	2012 07 28.57146	22 18 22.645	+01 28 18.13	21.5 i	F51	374	2012 07 30.27108	13 26 56.985	-08 02 04.61	13.2 z	F51
2012 OB ₅	2012 07 29.56080	22 17 48.553	+01 26 28.35	20.7 z	F51	430	2012 07 28.38539	02 55 40.39	+27 46 47.9		704
2012 OB ₅	2012 07 29.56967	22 17 48.242	+01 26 27.11	20.2 z	F51	430	2012 07 28.39663	02 55 41.56	+27 46 52.0		704
2012 OB ₅	2012 07 29.57263	22 17 48.131	+01 26 26.72	21.7 z	F51	430	2				

698	2012 06 19.88304	11 24 03.55	+10 21 14.6	16.2 R	071	1218	2012 07 30.80175	01 39 41.94	+06 41 43.5	17.8 V	E12
698	2012 06 19.88582	11 24 03.67	+10 21 11.4	16.2 R	071	1222	2012 07 28.38117	01 56 13.93	+30 44 34.9		704
708	2012 07 30.26352	14 01 27.714	-15 52 32.97	15.0 z	F51	1222	2012 07 28.39241	01 56 14.63	+30 44 39.9		704
708	2012 07 30.27447	14 01 28.441	-15 52 36.39	15.0 z	F51	1222	2012 07 28.40365	01 56 15.31	+30 44 45.2		704
751	2012 07 30.68913	23 44 53.23	-27 45 40.6	11.9 V	E12	1222	2012 07 28.41514	01 56 15.97	+30 44 50.2		704
751	2012 07 30.69781	23 44 53.16	-27 45 46.1	11.9 V	E12	1222	2012 07 28.42640	01 56 16.71	+30 44 55.6		704
751	2012 07 30.70634	23 44 53.12	-27 45 51.5	11.9 V	E12	1223	2012 07 30.26400	14 06 39.316	-13 26 38.99	15.6 z	F51
774	2012 07 30.71498	23 44 53.16	-27 45 57.0	11.9 V	E12	1223	2012 07 30.27496	14 06 39.804	-13 26 41.83	15.6 z	F51
751	2012 07 30.26400	14 03 15.344	-14 02 49.33	13.4 z	F51	1230	2012 07 30.26595	13 32 52.907	-05 31 09.04	18.4 z	F51
774	2012 07 30.27496	14 03 16.011	-14 02 51.57	13.4 z	F51	1230	2012 07 30.27689	13 32 53.477	-05 31 11.93	18.7 z	F51
815	2012 07 30.26547	13 39 32.535	-07 47 30.32	15.7 z	F51	1239	2012 07 28.45271	20 41 18.470	-20 18 39.66	16.4 i	F51
815	2012 07 30.27641	13 39 33.144	-07 47 36.48	15.7 z	F51	1239	2012 07 28.46329	20 41 17.960	-20 18 42.93	18.2 i	F51
822	2012 07 28.47881	21 30 50.408	-13 30 32.74	15.8 g	F51	1239	2012 07 29.37805	20 40 28.41	-20 22 01.2	16.2 R	H15
822	2012 07 28.48975	21 30 49.830	-13 30 34.85	17.3 g	F51	1239	2012 07 29.39322	20 40 27.56	-20 22 04.5	16.2 R	H15
822	2012 07 29.48060	21 29 55.228	-13 34 55.08	15.4 i	F51	1239	2012 07 29.41038	20 40 26.61	-20 22 07.8	16.1 R	H15
822	2012 07 29.49197	21 29 54.570	-13 34 58.09	15.0 i	F51	1239	2012 07 29.42548	20 40 25.78	-20 22 11.0	16.2 R	H15
834	2012 07 30.76760	01 46 18.15	+10 28 12.2	14.9 V	E12	1245	2012 07 30.76669	01 43 27.19	+08 43 41.6	14.7 V	E12
834	2012 07 30.77961	01 46 18.44	+10 28 13.5	14.9 V	E12	1245	2012 07 30.77867	01 43 27.66	+08 43 43.3	14.6 V	E12
834	2012 07 30.79165	01 46 18.76	+10 28 14.5	14.8 V	E12	1245	2012 07 30.79073	01 43 28.16	+08 43 45.2	14.5 V	E12
834	2012 07 30.80362	01 46 19.09	+10 28 15.7	14.8 V	E12	1245	2012 07 30.80269	01 43 28.63	+08 43 47.0	14.4 V	E12
853	2012 07 30.76241	01 34 19.63	+10 12 06.8	15.8 V	E12	1264	2012 07 28.38225	02 12 53.71	+29 39 31.5		704
853	2012 07 30.77452	01 34 20.10	+10 12 07.5	15.9 V	E12	1264	2012 07 28.39350	02 12 54.28	+29 39 35.7		704
853	2012 07 30.78698	01 34 20.60	+10 12 08.0	15.9 V	E12	1264	2012 07 28.40473	02 12 54.82	+29 39 37.9		704
853	2012 07 30.79893	01 34 21.07	+10 12 08.8	15.9 V	E12	1264	2012 07 28.41623	02 12 55.35	+29 39 40.9		704
897	2012 07 28.38466	02 52 07.74	+28 14 12.5		704	1264	2012 07 28.42749	02 12 55.91	+29 39 44.2		704
897	2012 07 28.39590	02 52 08.57	+28 14 16.6		704	1290	2012 07 30.26158	13 36 58.503	-16 01 15.01	17.6 z	F51
897	2012 07 28.40715	02 52 09.35	+28 14 19.0		704	1290	2012 07 30.27253	13 36 59.154	-16 01 17.41	17.6 z	F51
897	2012 07 28.42990	02 52 11.00	+28 14 29.8		704	1342	2012 07 29.47862	21 21 26.322	-15 10 01.32	14.3 i	F51
932	2012 07 30.76484	01 31 02.56	+06 19 27.7	14.2 V	E12	1342	2012 07 29.47994	21 21 26.230	-15 10 01.08	14.3 i	F51
932	2012 07 30.77681	01 31 03.03	+06 19 32.0	14.2 V	E12	1342	2012 07 29.49000	21 21 25.437	-15 09 59.50	14.2 i	F51
932	2012 07 30.78887	01 31 03.50	+06 19 36.3	14.2 V	E12	1342	2012 07 29.49131	21 21 25.340	-15 09 59.27	14.2 i	F51
932	2012 07 30.80081	01 31 04.00	+06 19 40.6	14.2 V	E12	1356	2012 07 28.60602	23 51 24.351	-12 43 49.65	14.7 z	F51
933	2012 07 28.47881	21 29 25.785	-13 46 11.88	16.2 g	F51	1356	2012 07 28.61756	23 51 24.272	-12 43 52.31	14.7 z	F51
933	2012 07 28.48975	21 29 25.191	-13 46 15.90	16.3 g	F51	1365	2012 07 28.36775	20 01 29.031	-13 36 30.28	13.8 i	F51
998	2012 07 29.38209	02 54 32.03	+32 32 12.0		704	1365	2012 07 28.37889	20 01 28.324	-13 36 31.20	13.8 i	F51
998	2012 07 29.39328	02 54 33.02	+32 32 19.3		704	1365	2012 07 28.38973	20 01 27.707	-13 36 32.62	14.1 r	F51
998	2012 07 29.40451	02 54 33.96	+32 32 26.2		704	1365	2012 07 28.39959	20 01 27.009	-13 36 32.84	14.0 r	F51
998	2012 07 29.41621	02 54 34.97	+32 32 33.5		704	1370	2012 07 30.26255	13 46 35.928	-16 03 52.42	17.5 z	F51
998	2012 07 29.42749	02 54 35.91	+32 32 40.6		704	1370	2012 07 30.27351	13 46 36.863	-16 03 55.92	17.7 z	F51
1001	2012 06 18.84840	12 08 11.81	-10 09 22.6	15.7 R	071	1388	2012 07 30.26400	14 05 54.684	-12 37 27.25	16.7 z	F51
1001	2012 06 18.84933	12 08 11.78	-10 09 22.7	15.9 R	071	1388	2012 07 30.27496	14 05 55.164	-12 37 31.51	16.6 z	F51
1001	2012 06 18.85025	12 08 11.84	-10 09 22.6	15.8 R	071	1389	2012 07 28.47818	21 38 50.194	-12 03 55.07	16.2 g	F51
1001	2012 06 18.85271	12 08 11.87	-10 09 22.5	15.9 R	071	1389	2012 07 28.48912	21 38 49.705	-12 03 57.64	16.2 g	F51
1001	2012 06 18.85642	12 08 12.01	-10 09 22.1	16.0 R	071	1389	2012 07 29.48126	21 38 06.911	-12 07 50.65	15.6 i	F51
1001	2012 06 18.86012	12 08 12.08	-10 09 22.2	15.8 R	071	1389	2012 07 29.49263	21 38 06.394	-12 07 53.57	15.6 i	F51
1019	2012 06 18.99582	23 05 11.50	+01 37 09.9	15.4 R	071	1399	2012 07 29.03971	00 19 12.17	+02 40 46.4	15.9 R	106
1019	2012 06 18.99841	23 05 11.62	+01 37 09.7	14.8 R	071	1399	2012 07 29.05267	00 19 12.71	+02 40 46.6	15.8 R	106
1019	2012 06 19.00096	23 05 11.87	+01 37 08.8	15.5 R	071	1399	2012 07 29.06562	00 19 13.23	+02 40 46.8	15.8 R	106
1019	2012 06 19.00351	23 05 12.06	+01 37 08.4	15.5 R	071	1399	2012 07 29.07859	00 19 13.73	+02 40 47.1	15.9 R	106
1019	2012 06 19.00637	23 05 12.29	+01 37 07.4	15.6 R	071	1411	2012 07 29.47532	20 33 08.810	-13 58 53.94	14.6 i	F51
1019	2012 06 19.00833	23 05 12.46	+01 37 07.0	15.6 R	071	1411	2012 07 29.48671	20 33 08.208	-13 58 54.25	14.3 i	F51
1019	2012 06 19.01031	23 05 12.60	+01 37 06.1	15.6 R	071	1497	2012 07 30.76760	01 38 26.16	+11 25 58.8	16.4 V	E12
1019	2012 06 19.01228	23 05 12.72	+01 37 06.0	15.6 R	071	1497	2012 07 30.77961	01 38 26.59	+11 26 01.7	16.3 V	E12
1019	2012 06 19.01425	23 05 12.90	+01 37 04.9	15.6 R	071	1497	2012 07 30.79165	01 38 26.98	+11 26 04.7	16.2 V	E12
1019	2012 06 19.01622	23 05 13.02	+01 37 05.0	15.7 R	071	1497	2012 07 30.80362	01 38 27.42	+11 26 07.7	16.2 V	E12
1019	2012 06 19.01818	23 05 13.21	+01 37 04.2	15.6 R	071	1499	2012 07 29.16505	00 06 32.06	+18 55 17.7	15.3	J43
1019	2012 06 19.02015	23 05 13.34	+01 37 03.5	15.7 R	071	1499	2012 07 29.17761	00 06 32.26	+18 55 22.8	15.3	J43
1019	2012 06 19.02212	23 05 13.52	+01 37 02.8	15.7 R	071	1499	2012 07 29.19022	00 06 32.43	+18 55 28.0	15.3	J43
1019	2012 06 19.02409	23 05 13.64	+01 37 02.5	15.3 R	071	1499	2012 07 29.20284	00 06 32.61	+18 55 33.3	15.4	J43
1019	2012 06 19.02659	23 05 13.83	+01 37 01.6	15.6 R	071	1530	2012 07 29.47461	20 30 02.207	-15 44 31.85	14.7 i	F51
1019	2012 06 19.02855	23 05 13.98	+01 37 01.1	15.6 R	071	1530	2012 07 29.48599	20 30 01.395	-15 44 31.13	14.6 i	F51
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1037	2012 07 30.80902	01 44 31.99	+14 18 15.9	17.1 V	E12	1578	2012 07 30.79262	01 54 28.90	+10 54 18.0	16.0 V	E12
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3137	2012 07 30.80994	01 52 41.62	+14 40 47.9	17.5 V	E12	3626	2012 07 30.26352	14 04 02.532	-16 01 35.40	17.9 z	F51
3137	2012 07 30.81363	01 52 41.88	+14 40 49.5	17.4 V	E12	3626	2012 07 30.27447	14 04 03.029	-16 01 37.04	17.9 z	F51
3137	2012 07 30.81735	01 52 42.13	+14 40 51.3	17.5 V	E12	3632	2012 07 28.36499	19 25 33.168	-12 46 13.09	16.9 i	F51
3137	2012 07 30.82108	01 52 42.42	+14 40 53.2	17.5 V	E12	3632	2012 07 28.37612	19 25 32.601	-12 46 14.79	17.0 i	F51
3142	2012 07 28.45864	21 25 25.744	-18 16 37.23	15.6 i	F51	3632	2012 07 28.38732	19 25 32.032	-12 46 16.53	17.2 r	F51
3142	2012 07 28.46923	21 25 25.083	-18 16 37.29	15.5 i	F51	3635	2012 07 28.34126	00 35 42.14	+30 52 03.1	18.6	704
3188	2012 07 30.26352	13 53 41.068	-16 53 43.64	18.4 z	F51	3635	2012 07 28.35251	00 35 42.66	+30 52 11.0	18.5	704
3188	2012 07 30.27447	13 53 41.773	-16 53 46.51	18.3 z	F51	3635	2012 07 28.36368	00 35 43.19	+30 52 19.2	18.7	704
3206	2012 07 28.43714	21 16 50.038	-28 15 50.62	16.7 i	F51	3635	2012 07 28.37503	00 35 43.65	+30 52 27.8	18.8	704
3206	2012 07 28.44811	21 16 49.396	-28 15 55.09	16.8 i	F51	3644	2012 07 30.76241	01 34 26.79	+10 07 16.6	17.1 V	E12
3246	2012 07 29.10960	22 58 07.47	+13 41 12.0	17.1	J43	3644	2012 07 30.77452	01 34 27.40	+10 07 21.7	17.1 V	E12
3246	2012 07 29.12217	22 58 07.26	+13 41 11.2	17.0	J43	3644	2012 07 30.78698	01 34 28.02	+10 07 26.6	17.1 V	E12
3246	2012 07 29.13481	22 58 07.08	+13 41 10.3	16.9	J43	3644	2012 07 30.79893	01 34 28.59	+10 07 31.2	17.2 V	E12
3246	2012 07 29.14736	22 58 06.79	+13 41 08.9	17.2	J43	3645	2012 07 29.55741	22 15 20.200	-00 06 39.06	15.4 z	F51
3247	2012 07 30.26498	13 45 46.033	-11 46 36.93	17.6 z	F51	3645	2012 07 29.56080	22 15 20.070	-00 06 38.94	15.6 z	F51
3247	2012 07 30.27592	13 45 46.976	-11 46 43.04	17.7 z	F51	3645	2012 07 29.56375	22 15 19.951	-00 06 38.88	15.9 z	F51
3261	2012 07 30.26547	13 44 50.765	-07 54 46.81	16.8 z	F51	3645	2012 07 29.56670	22 15 19.841	-00 06 38.89	15.5 z	F51
3261	2012 07 30.27641	13 44 51.343	-07 54 50.58	16.8 z	F51	3645	2012 07 29.56967	22 15 19.733	-00 06 38.73	15.7 z	F51
3270	2012 07 28.60819	00 01 03.900	-08 59 30.75	18.1 z	F51	3645	2012 07 29.57263	22 15 19.629	-00 06 38.68	15.7 z	F51
3270	2012 07 28.61978	00 01 03.962	-08 59 39.21	18.0 z	F51	3645	2012 07 29.57559	22 15 19.506	-00 06 38.62	15.8 z	F51
3282	2012 07 30.76391	01 35 49.02	+08 43 50.3	17.5 V	E12	3645	2012 07 29.57854	22 15 19.403	-00 06 38.54	15.9 z	F51
3282	2012 07 30.77588	01 35 49.56	+08 43 52.1	17.6 V	E12	3646	2012 07 28.48007	21 15 51.301	-16 42 42.82	17.8 g	F51
3282	2012 07 30.78793	01 35 50.06	+08 43 54.4	17.4 V	E12	3646	2012 07 28.49102	21 15 50.738	-16 42 45.20	17.7 g	F51
3282	2012 07 30.79987	01 35 50.64	+08 43 56.3	17.5 V	E12	3646	2012 07 29.47928	21 15 01.608	-16 46 24.32	16.9 i	F51
3290	2012 07 28.97850	23 26 27.80	-07 17 03.2	18.7 R	106	3646	2012 07 29.49066	21 15 01.016	-16 46 26.83	16.8 i	F51
3290	2012 07 28.99168	23 26 27.54	-07 17 04.3	18.1 R	106	3660	2012 07 28.42953	20 34 13.228	-27 49 52.95	15.9 i	F51
3290	2012 07 29.00468	23 26 27.37	-07 17 05.9	18.0 R	106	3660	2012 07 28.44047	20 34 12.636	-27 49 53.95	16.0 i	F51
3290	2012 07 29.01763	23 26 27.16	-07 17 08.5	18.8 R	106	3689	2012 07 30.80994	01 52 16.82	+14 13 55.0	17.2 V	E12
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3314	2012 07 30.77264	01 24 51.12	+08 11 51.6	16.5 V	E12	3689	2012 07 30.81735	01 52 17.14	+14 13 55.6	17.1 V	E12
3314	2012 07 30.78510	01 24 51.66	+08 11 57.1	16.4 V	E12	3689	2012 07 30.82108	01 52 17.32	+14 13 56.6	17.0 V	E12
3314	2012 07 30.79707	01 24 52.16	+08 12 02.5	16.5 V	E12	3708	2012 07 29.16217	00 07 05.97	+16 00 27.6	16.2	J43
3322	2012 07 29.38333	03 16 29.34	+33 55 37.8	17.8	704	3708	2012 07 29.17472	00 07 05.90	+16 00 30.3	16.2	J43
3322	2012 07 29.39454	03 16 30.59	+33 55 41.7	18.2	704	3708	2012 07 29.18734	00 07 05.82	+16 00 32.9	16.2	J43
3322	2012 07 29.40577	03 16 31.80	+33 55 45.2	18.1	704	3708	2012 07 29.19993	00 07 05.78	+16 00 35.4	16.1	J43
3322	2012 07 29.41745	03 16 33.05	+33 55 49.0	17.9	704	3728	2012 07 19.96177	18 55 43.63	+05 11 37.8	16.6 R	A24
3322	2012 07 29.42874	03 16 34.19	+33 55 52.6	17.9	704	3728	2012 07 19.96249	18 55 43.59	+05 11 37.5	16.7 R	A24
3337	2012 07 30.25952	13 21 17.368	-07 12 30.82	18.2 z	F51	3728	2012 07 20.01507	18 55 41.03	+05 11 19.0	16.4 R	A24
3337	2012 07 30.27047	13 21 17.957	-07								

3818	2012 07 30.80810	01 45 22.50	+13 20 16.6	18.2	V	E12	4283	2012 07 29.37873	02 11 12.21	+34 08 43.4	18.5	704
3818	2012 07 30.81177	01 45 22.60	+13 20 17.5	18.3	V	E12	4283	2012 07 29.38993	02 11 12.89	+34 08 52.8	18.9	704
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3821	2012 07 30.27592	13 48 36.412	-10 38 39.52	18.9	z	F51	4369	2012 07 28.38527	02 54 55.59	+28 57 52.1	15.7	704
3822	2012 07 30.26110	13 28 38.293	-12 02 49.80	18.5	z	F51	4369	2012 07 28.39651	02 54 56.92	+28 58 00.6	15.9	704
3822	2012 07 30.27205	13 28 39.356	-12 02 55.58	18.1	z	F51	4369	2012 07 28.40775	02 54 58.25	+28 58 10.1	16.5	704
3842	2012 07 30.80810	01 45 07.27	+12 28 44.6	17.2	V	E12	4369	2012 07 28.43051	02 55 00.90	+28 58 26.3	15.9	704
3842	2012 07 30.81177	01 45 07.45	+12 28 46.1	17.1	V	E12	4376	2012 07 30.76760	01 44 09.06	+11 36 14.4	17.2	V
3842	2012 07 30.81549	01 45 07.63	+12 28 47.5	17.2	V	E12	4376	2012 07 30.77961	01 44 09.88	+11 36 19.5	17.3	V
3842	2012 07 30.81921	01 45 07.81	+12 28 48.9	17.2	V	E12	4376	2012 07 30.79165	01 44 10.75	+11 36 24.8	17.3	V
3844	2012 07 30.26692	13 54 38.983	-07 36 29.64	16.8	z	F51	4376	2012 07 30.80362	01 44 11.58	+11 36 29.1	17.2	V
3844	2012 07 30.27787	13 54 39.510	-07 36 33.42	16.9	z	F51	4389	2012 07 28.45535	21 04 40.532	-16 35 48.48	15.6	i
3852	2012 07 30.76146	01 27 41.00	+10 45 12.8	17.0	V	E12	4389	2012 07 28.46593	21 04 40.010	-16 35 51.29	15.6	i
3852	2012 07 30.77355	01 27 41.50	+10 45 16.5	17.2	V	E12	4402	2012 07 30.26595	13 39 08.337	-04 24 01.26	17.5	z
3852	2012 07 30.78603	01 27 42.04	+10 45 20.0	17.1	V	E12	4402	2012 07 30.27689	13 39 08.954	-04 24 04.95	17.3	z
3852	2012 07 30.79801	01 27 42.51	+10 45 23.1	16.9	V	E12	4403	2012 07 30.76669	01 40 45.26	+08 22 04.0	18.0	V
3858	2012 07 30.76241	01 34 09.22	+10 10 07.2	16.3	V	E12	4403	2012 07 30.77867	01 40 45.73	+08 22 07.1	18.1	V
3858	2012 07 30.77452	01 34 10.09	+10 10 17.0	16.5	V	E12	4403	2012 07 30.79073	01 40 46.12	+08 22 08.8	18.3	V
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3858	2012 07 30.79893	01 34 11.78	+10 10 36.6	16.6	V	E12	4422	2012 07 28.36565	19 24 15.724	-16 55 22.09	14.8	i
3859	2012 07 28.45535	21 06 03.733	-17 00 40.73	16.9	i	F51	4422	2012 07 28.37678	19 24 15.077	-16 55 25.37	14.4	i
3859	2012 07 28.46593	21 06 03.259	-17 00 43.13	16.9	i	F51	4422	2012 07 28.38792	19 24 14.422	-16 55 29.03	14.7	r
3871	2012 07 28.36433	19 18 05.300	-14 31 58.35	16.7	i	F51	4422	2012 07 28.39778	19 24 13.838	-16 55 32.33	14.7	r
3871	2012 07 28.37545	19 18 04.786	-14 31 57.79	16.7	i	F51	4425	2012 07 30.25952	13 21 52.954	-07 18 15.39	18.6	z
3871	2012 07 28.38672	19 18 04.266	-14 31 57.24	16.8	r	F51	4425	2012 07 30.27047	13 21 53.793	-07 18 21.26	18.6	z
3871	2012 07 28.39658	19 18 03.810	-14 31 56.75	16.9	r	F51	4432	2012 07 30.76887	01 47 52.69	+10 33 14.1	17.8	V
3873	2012 07 29.01785	21 05 41.75	+23 34 07.9	16.2	J	J43	4432	2012 07 30.78053	01 47 53.59	+10 33 19.7	17.7	V
3873	2012 07 29.03050	21 05 40.83	+23 34 11.6	16.1	J	J43	4432	2012 07 30.79262	01 47 54.60	+10 33 25.4	17.8	V
3873	2012 07 29.04311	21 05 39.88	+23 34 15.7	16.1	J	J43	4432	2012 07 30.80456	01 47 55.53	+10 33 29.8	17.9	V
3873	2012 07 29.05565	21 05 38.91	+23 34 19.1	16.0	J	J43	4445	2012 07 28.37007	20 24 00.049	-13 27 53.71	15.5	i
3873	2012 07 29.52749	21 05 04.061	+23 36 39.13	16.4	g	F51	4445	2012 07 28.38107	20 23 59.344	-13 27 55.87	15.6	i
3873	2012 07 29.53858	21 05 03.220	+23 36 42.23	16.3	g	F51	4445	2012 07 28.39154	20 23 58.647	-13 27 58.73	15.7	r
3882	2012 07 30.80810	01 46 43.24	+12 11 49.1	17.4	V	E12	4445	2012 07 28.40139	20 23 58.059	-13 27 59.87	15.6	r
3882	2012 07 30.81177	01 46 43.42	+12 11 49.9	17.4	V	E12	4477	2012 07 30.26450	13 58 19.621	-11 19 27.01	17.9	z
3882	2012 07 30.81549	01 46 43.60	+12 11 50.4	17.5	V	E12	4477	2012 07 30.27544	13 58 20.333	-11 19 30.52	18.1	z
3882	2012 07 30.81921	01 46 43.75	+12 11 51.2	17.4	V	E12	4483	2012 07 29.24898	13 46 49.621	+10 43 40.27	17.2	y
3885	2012 07 28.98994	23 35 41.67	-04 15 18.9	16.1	R	106	4483	2012 07 29.24947	13 46 49.665	+10 43 40.10	17.1	y
3885	2012 07 29.00295	23 35 41.58	-04 15 21.3	16.2	R	106	4483	2012 07 29.26035	13 46 50.558	+10 43 34.32	17.0	y
3885	2012 07 29.01591	23 35 41.48	-04 15 23.8	16.4	R	106	4483	2012 07 29.26084	13 46 50.612	+10 43 34.12	17.0	y
3885	2012 07 29.02895	23 35 41.39	-04 15 26.3	16.3	R	106	4487	2012 07 19.97648	20 24 29.45	+28 27 51.2	17.8	R
3898	2012 07 30.26062	13 40 06.276	-09 57 43.78	18.8	z	F51	4487	2012 07 19.97792	20 24 29.41	+28 27 52.4	17.7	R
3898	2012 07 30.27156	13 40 06.712	-09 57 46.38	18.7	z	F51	4487	2012 07 20.02909	20 24 27.38	+28 28 31.7	17.5	R
3907	2012 07 28.38358	02 36 54.79	+27 01 25.4	17.4	F	704	4487	2012 07 20.03053	20 24 27.31	+28 28 32.8	17.8	R
3907	2012 07 28.39482	02 36 55.62	+27 01 31.5	17.5	F	704	4487	2012 07 24.02770	20 22 00.72	+29 14 15.8	17.3	R
3907	2012 07 28.40607	02 36 56.46	+27 01 37.4	17.8	F	704	4487	2012 07 24.02842	20 22 00.69	+29 14 16.2	17.4	R
3907	2012 07 28.42882	02 36 58.18	+27 01 49.7	17.6	F	704	4487	2012 07 27.91608	20 19 23.43	+29 47 39.6	17.2	V
3948	2012 07 28.36775	20 00 58.397	-14 44 37.24	14.9	i	F51	4487	2012 07 27.92895	20 19 22.91	+29 47 44.2	17.8	V
3948	2012 07 28.37889	20 00 57.796	-14 44 39.86	14.8	i	F51	4521	2012 07 30.26062	13 37 17.103	-09 36 06.29	17.5	z
3948	2012 07 28.39959	20 00 56.574	-14 44 45.18	16.3	r	F51	4521	2012 07 30.27156	13 37 17.668	-09 36 11.83	17.5	z
4003	2012 07 30.76887	01 48 24.30	+11 04 25.3	17.0	V	E12	4581	2012 07 26.06185	23 38 10.57	+21 36 29.8	18.8	R
4003	2012 07 30.78053	01 48 24.62	+11 04 26.3	16.9	V	E12	4581	2012 07 26.06585	23 38 11.62	+21 36 42.6	19.3	R
4003	2012 07 30.79262	01 48 24.98	+11 04 27.5	17.0	V	E12	4581	2012 07 26.08832	23 38 17.94	+21 38 02.9		C07
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4030	2012 07 28.44548	20 56 55.422	-24 17 24.91	15.3	i	F51	4581	2012 07 26.10292	23 38 21.92	+21 38 51.4	20.1	C07
4039	2012 07 30.25843	13 14 48.657	-12 02 45.00	17.6	z	F51	4581	2012 07 26.94921	23 42 26.89	+22 27 19.1	18.8	R
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4040	2012 07 30.26400	14 08 36.327	-13 02 31.32	17.5	z	F51	4581	2012 07 28.00740	23 47 51.03	+23 30 59.8	19.2	V
4040	2012 07 30.27496	14 08 36.913	-13 02 34.76	17.3	z	F51	4581	2012 07 28.00820	23 47 51.27	+23 31 02.3	19.3	V
4056	2012 07 28.38107	20 22 22.477	-13 07 28.44	18.2	i	F51	4581	2012 07 28.00901	23 47 51.52	+23 31 05.4	18.8	V
4056	2012 07 28.39154	20 22 22.065	-13 07 33.21	16.6	r	F51	4581	2012 07 28.00981	23 47 51.73	+23 31 07.9	19.3	V
4056	2012 07 28.40139	20 22 21.541	-13 07 37.41	16.6	r	F51	4581	2012 07 28.01061	23 47 51.92	+23 31 10.8	19.3	V
4078	2012 07 30.72470	23 43 50.30	-19 08 22.2	15.5	V	E12	4581	2012 07 28.01142	23 47 52.18	+23 31 13.9	19.5	V
4078	2012 07 30.73234	23 43 50.23	-19 08 25.0	15.4	V	E12	4581	2012 07 28.01222	23 47 52.36	+23 31 16.7	19.1	V
4078	2012 07 30.73986	23 43 50.16	-19 08 28.0	15.4	V	E12	4581	2012 07 28.01382	23 47 52.93	+23 31 22.9	19.7	V
4078	2012 07 30.74737	23 43 50.08	-19 08 31.0	15.4	V	E12	4581	2012 07 28.01463	23 47 53.18	+23 31 26.5	19.6	V
4083	2012 07 28.47296	20 34 02.964	-12 36 14.31	16.4	g	F51	4581	2012 07 28.01543	23 47 53.41	+23 31 29.5	19.1	V
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4132	2012 07 23.97472	19 51 22.80	+08 50 31.9	16.2	R	A24	4581	2012 07 28.01703	23 47 53.97	+23 31 34.8	19.3	V
4132	2012 07 23.97545	19 51 22.76	+08 50 31.6	16.2	R	A24	4581	2012 07 28.01783	23 47 54.20	+23 31 37.5	19.5	V
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4132	2012 07 29.94697	19 45 47.36	+08 05 42.7	15.7	V	J26	4586	2012 07 28.37213	19 55 15.983	-12 04 40.85	16.6	i
4132	2012 07 29.96178	19 45 46.50	+08 05 33.3	15.9	V	J26	4586	2012 07 28.38313				

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4694	2012 07 29.00899	23 31 52.35	-02 55 38.8	15.4	R	106	5057	2012 07 28.99687	23 28 09.05	-03 35 45.7	16.8	R	106
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4701	2012 07 28.45601	21 09 49.700	-19 06 35.47	16.2	i	F51	5057	2012 07 29.02282	23 28 08.76	-03 35 50.5	16.9	R	106
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4722	2012 07 28.60602	23 49 31.894	-12 26 46.55	16.5	z	F51	5063	2012 07 30.27156	13 36 21.427	-11 39 22.84	18.9	z	F51
4722	2012 07 28.61756	23 49 31.780	-12 26 48.41	16.4	z	F51	5110	2012 06 18.89868	15 45 38.07	-25 20 42.9	15.3	R	071
4730	2012 07 30.72470	23 47 24.54	-18 50 15.1	16.2	V	E12	5110	2012 06 18.90308	15 45 37.80	-25 20 42.8	16.7	R	071
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4742	2012 07 28.38117	01 57 16.98	+31 09 18.8	18.4		704	5110	2012 06 18.91189	15 45 37.36	-25 20 39.9	16.4	R	071
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4742	2012 07 28.40365	01 57 18.24	+31 09 28.8	18.4		704	5110	2012 06 18.91684	15 45 37.10	-25 20 38.7	16.2	R	071
4742	2012 07 28.41514	01 57 18.91	+31 09 32.7	18.7		704	5110	2012 06 18.91904	15 45 36.98	-25 20 38.9	15.8	R	071
4742	2012 07 28.42640	01 57 19.49	+31 09 38.6	18.9		704	5110	2012 06 18.92124	15 45 36.90	-25 20 37.1	15.5	R	071
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4761	2012 07 30.26789	14 05 18.946	-05 31 35.56	18.9	z	F51	5152	2012 07 28.38636	03 12 00.65	+27 25 11.0	18.0		704
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5946	2012 07 29.48126	21 32 51.623	-10 40 00.10	17.6 i	F51	6516	2012 07 30.26062	13 38 06.416	-11 36 53.32	19.6 z	F51
5946	2012 07 29.49263	21 32 50.994	-10 40 02.51	17.5 i	F51	6516	2012 07 30.27156	13 38 07.077	-11 36 56.66	19.5 z	F51
5951	2012 07 28.60819	00 04 50.394	-08 57 11.00	15.3 z	F51	6524	2012 07 28.60409	00 29 16.020	-16 09 19.95	16.9 z	F51
5951	2012 07 28.61978	00 04 50.852	-08 57 12.40	15.7 z	F51	6524	2012 07 28.61564	00 29 16.388	-16 09 29.09	16.5 z	F51
5953	2012 07 19.93451	17 21 07.12	+05 22 39.3	16.0 R	A24	6584	2012 07 28.47500	20 50 42.180	-11 55 36.81	16.4 g	F51

6779	2012 07 30.81827	01 52 16.57	+13 20 36.4	18.4	V	E12	7306	2012 07 28.61516	00 22 22.242	-14 10 20.50	16.0	z	F51
6779	2012 07 30.82201	01 52 16.78	+13 20 37.1	18.5	V	E12	7307	2012 07 30.25952	13 16 46.260	-08 04 13.05	17.4	z	F51
6788	2012 07 30.26013	13 33 33.344	-09 07 06.72	17.9	z	F51	7307	2012 07 30.27047	13 16 47.058	-08 04 18.33	18.8	z	F51
6788	2012 07 30.27108	13 33 34.380	-09 07 12.83	17.8	z	F51	7319	2012 07 30.26062	13 36 41.530	-11 12 11.98	17.8	z	F51
6817	2012 07 30.76146	01 24 57.38	+11 54 15.0	19.0	V	E12	7319	2012 07 30.27156	13 36 42.521	-11 12 18.14	17.6	z	F51
6817	2012 07 30.77355	01 24 57.88	+11 54 19.2	18.5	V	E12	7357	2012 07 30.76979	01 50 23.96	+08 37 58.2	17.2	V	E12
6817	2012 07 30.78603	01 24 58.42	+11 54 23.3	18.3	V	E12	7357	2012 07 30.78148	01 50 24.86	+08 38 01.2	17.2	V	E12
6817	2012 07 30.79801	01 24 58.96	+11 54 26.4	18.4	V	E12	7357	2012 07 30.79426	01 50 25.90	+08 38 03.9	17.2	V	E12
6837	2012 07 28.60927	23 42 33.735	-05 09 04.94	16.7	z	F51	7357	2012 07 30.80549	01 50 26.84	+08 38 07.6	17.0	V	E12
6837	2012 07 28.62086	23 42 33.557	-05 09 03.95	16.7	z	F51	7373	2012 07 28.48134	20 52 15.854	-15 04 39.14	16.7	g	F51
6849	2012 07 29.55741	22 15 18.135	+00 04 04.10	16.5	z	F51	7373	2012 07 28.49228	20 52 15.329	-15 04 41.19	16.6	g	F51
6849	2012 07 29.56080	22 15 17.987	+00 04 04.05	16.5	z	F51	7391	2012 07 28.46061	21 18 34.450	-22 49 12.80	18.1	i	F51
6849	2012 07 29.56375	22 15 17.847	+00 04 04.06	17.0	z	F51	7391	2012 07 28.47120	21 18 33.858	-22 49 15.20	18.0	i	F51
6849	2012 07 29.56670	22 15 17.733	+00 04 04.04	16.6	z	F51	7414	2012 07 27.93563	20 21 44.09	-18 46 18.6	16.5	R	K 157
6849	2012 07 29.56967	22 15 17.601	+00 04 03.99	16.5	z	F51	7414	2012 07 27.93860	20 21 43.92	-18 46 19.4	16.5	R	K 157
6849	2012 07 29.57263	22 15 17.486	+00 04 03.96	16.8	z	F51	7414	2012 07 27.94157	20 21 43.76	-18 46 19.9	16.3	R	K 157
6849	2012 07 29.57559	22 15 17.345	+00 04 03.92	16.8	z	F51	7415	2012 07 28.47944	21 26 18.601	-16 46 15.53	17.4	g	F51
6849	2012 07 29.57854	22 15 17.230	+00 04 03.88	17.1	z	F51	7415	2012 07 28.49038	21 26 18.125	-16 46 18.38	17.4	g	F51
6880	2012 07 28.43451	20 50 47.129	-23 11 02.03	15.8	i	F51	7415	2012 07 29.47994	21 25 36.761	-16 50 38.57	17.0	i	F51
6880	2012 07 28.44548	20 50 46.507	-23 11 03.66	15.8	i	F51	7415	2012 07 29.49131	21 25 36.260	-16 50 41.55	16.8	i	F51
6894	2012 07 29.37676	01 33 49.55	+34 10 08.0	17.3		704	7445	2012 07 28.47754	21 26 13.380	-12 03 13.58	16.1	g	F51
6894	2012 07 29.38795	01 33 50.10	+34 10 17.6	17.9		704	7445	2012 07 28.48849	21 26 12.930	-12 03 14.94	16.0	g	F51
6894	2012 07 29.39916	01 33 50.64	+34 10 27.2	17.5		704	7445	2012 07 29.48192	21 25 36.560	-12 05 21.46	15.3	i	F51
6894	2012 07 29.41040	01 33 51.19	+34 10 37.1	17.9		704	7445	2012 07 29.49329	21 25 36.077	-12 05 22.98	15.1	i	F51
6894	2012 07 29.42211	01 33 51.75	+34 10 47.0	17.7		704	7453	2012 07 28.45271	20 43 42.324	-18 05 19.10	15.5	i	F51
6897	2012 07 28.48261	20 32 00.443	-16 26 39.36	18.1	g	F51	7453	2012 07 28.46329	20 43 41.746	-18 05 21.78	15.4	i	F51
6897	2012 07 28.49354	20 31 59.770	-16 26 41.84	18.0	g	F51	7455	2012 07 30.76391	01 30 23.29	+08 27 52.2	18.9	V	E12
6897	2012 07 29.47461	20 31 01.349	-16 30 26.52	17.2	i	F51	7455	2012 07 30.77588	01 30 23.72	+08 27 53.9	18.9	V	E12
6897	2012 07 29.47598	20 31 01.266	-16 30 26.77	17.3	i	F51	7455	2012 07 30.78793	01 30 24.01	+08 27 55.6	19.2	V	E12
6897	2012 07 29.48599	20 31 00.645	-16 30 29.11	17.3	i	F51	7455	2012 07 30.79987	01 30 24.37	+08 27 57.4	18.9	V	E12
6897	2012 07 29.48737	20 31 00.558	-16 30 29.37	17.4	i	F51	7475	2012 07 28.47563	21 02 14.131	-12 13 12.18	17.4	g	F51
6907	2012 07 28.45995	21 29 13.948	-24 22 37.21	17.0	i	F51	7475	2012 07 28.48659	21 02 13.488	-12 13 16.02	17.3	g	F51
6907	2012 07 28.47054	21 29 13.418	-24 22 41.24	16.9	i	F51	7511	2012 07 28.45535	20 59 13.098	-16 35 23.28	18.1	i	F51
6916	2012 07 28.37984	01 38 02.09	+28 11 54.8	17.1		704	7511	2012 07 28.46593	20 59 12.598	-16 35 25.47	18.0	i	F51
6916	2012 07 28.39109	01 38 02.44	+28 12 02.0	17.4		704	7545	2012 07 28.45205	20 43 28.455	-21 23 49.76	15.4	i	F51
6916	2012 07 28.40233	01 38 02.73	+28 12 08.6	16.9		704	7545	2012 07 28.46263	20 43 27.961	-21 23 56.55	15.4	i	F51
6916	2012 07 28.41382	01 38 03.04	+28 12 15.8	17.3		704	7545	2012 07 29.37805	20 42 49.46	-21 33 37.9	15.3	R	H15
6916	2012 07 28.42508	01 38 03.36	+28 12 22.7	17.4		704	7545	2012 07 29.39322	20 42 48.77	-21 33 47.2	15.2	R	H15
6929	2012 07 28.60506	00 05 10.389	-15 02 16.18	16.8	z	F51	7545	2012 07 29.41038	20 42 47.99	-21 33 57.8	15.2	R	H15
6929	2012 07 28.61660	00 05 10.397	-15 02 18.88	16.7	z	F51	7545	2012 07 29.42548	20 42 47.30	-21 34 07.1	15.1	R	H15
6951	2012 07 30.26498	13 47 18.601	-11 12 02.62	18.6	z	F51	7582	2012 07 28.60878	23 47 45.109	-06 03 48.63	17.4	z	F51
6951	2012 07 30.27592	13 47 19.199	-11 12 06.03	18.5	z	F51	7582	2012 07 28.62037	23 47 45.096	-06 03 51.50	17.3	z	F51
7028	2012 07 30.77071	01 48 51.33	+07 36 13.5	18.0	V	E12	7584	2012 07 28.45271	20 48 26.862	-19 31 34.52	17.1	i	F51
7028	2012 07 30.78324	01 48 51.84	+07 36 14.5	17.9	V	E12	7584	2012 07 28.46329	20 48 26.318	-19 31 37.17	17.0	i	F51
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7100	2012 07 30.76760	01 39 54.07	+10 48 31.8	18.6	V	E12	7588	2012 07 29.40401	02 45 19.97	+36 17 56.2	18.4		704
7100	2012 07 30.77961	01 39 54.54	+10 48 33.6	19.2	V	E12	7588	2012 07 29.42699	02 45 21.08	+36 18 08.1	18.4		704
7100	2012 07 30.79165	01 39 54.97	+10 48 36.8	18.7	V	E12	7605	2012 07 28.34138	00 35 50.59	+29 21 31.9	17.8		704
7100	2012 07 30.80362	01 39 55.40	+10 48 37.8	18.9	V	E12	7605	2012 07 28.35263	00 35 50.59	+29 21 40.3	18.0		704
7108	2012 07 30.76146	01 25 22.00	+10 08 46.7	17.8	V	E12	7605	2012 07 28.36380	00 35 50.69	+29 21 46.9	18.5		704
7108	2012 07 30.77355	01 25 22.51	+10 08 49.3	17.8	V	E12	7605	2012 07 28.37515	00 35 50.65	+29 21 54.2	17.8		704
7108	2012 07 30.78603	01 25 23.05	+10 08 52.0	17.9	V	E12	7663	2012 07 19.92360	16 11 19.28	+15 37 48.2	16.2	R	A24
7108	2012 07 30.79801	01 25 23.55	+10 08 54.7	17.7	V	E12	7663	2012 07 19.92434	16 11 19.36	+15 37 46.9	15.9	R	A24
7129	2012 07 30.26400	14 06 15.354	-14 20 33.41	18.2	z	F51	7663	2012 07 23.88103	16 13 42.59	+14 30 34.3	16.2	R	A24
7129	2012 07 30.27496	14 06 15.907	-14 20 34.21	18.2	z	F51	7663	2012 07 23.88174	16 13 42.61	+14 30 33.6	16.0	R	A24
7144	2012 07 30.76575	01 37 17.76	+06 50 35.7	17.8	V	E12	7663	2012 07 23.92928	16 13 44.42	+14 29 44.1	16.0	R	A24
7144	2012 07 30.77776	01 37 18.44	+06 50 36.3	17.6	V	E12	7663	2012 07 23.93000	16 13 44.45	+14 29 43.5	16.2	R	A24
7144	2012 07 30.78979	01 37 19.16	+06 50 37.8	17.5	V	E12	7691	2012 07 30.26062	13 38 57.487	-09 48 59.55	19.4	z	F51
7144	2012 07 30.80175	01 37 19.81	+06 50 38.9	17.8	V	E12	7691	2012 07 30.27156	13 38 58.070	-09 49 03.63	19.1	z	F51
7160	2012 07 30.76146	01 27 46.04	+10 50 22.8	17.5	V	E12	7774	2012 07 28.50479	19 16 34.95	-29 38 37.8	17.1	V	E23
7160	2012 07 30.77355	01 27 46.69	+10 50 26.6	17.5	V	E12	7774	2012 07 28.51868	19 16 34.04	-29 38 40.6	17.2	V	E23
7160	2012 07 30.78603	01 27 47.37	+10 50 30.8	17.4	V	E12	7774	2012 07 28.53257	19 16 33.13	-29 38 43.2	17.0	V	E23
7160	2012 07 30.79801	01 27 47.98	+10 50 35.4	17.4	V	E12	7778	2012 07 29.37615	01 25 36.58	+31 52 22.0	16.1		704
7167	2012 07 19.95881	18 44 16.75	+08 01 29.6	16.6	R	A24	7778	2012 07 29.38734	01 25 37.71	+31 52 27.6	16.2		704
7167	2012 07 19.95953	18 44 16.71	+08 01 29.6	16.8	R	A24	7778	2012 07 29.39854	01 25 38.83	+31 52 33.2	16.3		704
7167	2012 07 20.01211	18 44 14.35	+08 01 25.8	16.8	R	A24	7778	2012 07 29.40979	01 25 39.95	+31 52 39.1	16.1		704
7167	2012 07 20.01283	18 44 14.32	+08 01 25.6	16.6	R	A24	7778	2012 07 29.42149	01 25 41.12	+31 52 45.0	16.1		704
7167	2012 07 23.95797	18 41 25.27	+07 54 54.3	16.5	R	A24	7855	2012 07 30.76669	01 43 00.04	+08 47 41.2	18.4	V	E12
7167	2012 07 23.95869	18 41 25.21	+07 54 54.2	17.0	R	A24	7855	2012 07 30.77867	01 43 00.37	+08 47 40.1	18.4	V	E12
7167	2012 07 24.00482	18 41 23.23	+07 54 48.5	17.0	R	A24	7855	2012 07 30.79073	01 43 00.80	+08 47 40.7	18.3	V	E12
7167	2012 07 24.00553	18 41 23.21	+07 54 48.4	16.7	R	A24	7855	2012 07 30.80					

7999	2012 07 28.37007	20 16 23.883	-13 05 16.06	16.6 i	F51	8492	2012 07 28.47690	21 24 11.411	-13 43 41.13	17.5 g	F51
7999	2012 07 28.38107	20 16 23.307	-13 05 16.23	16.6 i	F51	8492	2012 07 28.48786	21 24 10.726	-13 43 40.16	17.5 g	F51
7999	2012 07 28.39154	20 16 22.761	-13 05 16.39	16.7 r	F51	8508	2012 07 30.26303	13 54 23.520	-14 27 33.59	18.1 z	F51
7999	2012 07 28.40139	20 16 22.248	-13 05 16.52	16.7 r	F51	8508	2012 07 30.27399	13 54 24.404	-14 27 37.13	18.0 z	F51
8002	2012 07 30.76887	01 47 53.26	+11 20 23.0	18.5 V	E12	8515	2012 07 28.43714	21 17 31.905	-27 59 35.91	15.6 i	F51
8002	2012 07 30.78053	01 47 53.98	+11 20 27.3	18.6 V	E12	8515	2012 07 28.44811	21 17 31.146	-27 59 34.59	15.6 i	F51
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8011	2012 07 30.25891	13 26 02.388	-09 24 24.45	19.4 z	F51	8548	2012 07 29.47796	21 03 56.609	-14 48 27.60	17.7 i	F51
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8021	2012 07 29.38185	02 50 26.89	+33 25 32.8	16.7	704	8568	2012 07 30.76047	01 29 27.27	+08 25 24.6	18.9 V	E12
8021	2012 07 29.39303	02 50 28.36	+33 25 36.6	17.3	704	8568	2012 07 30.77264	01 29 27.88	+08 25 28.0	19.0 V	E12
8021	2012 07 29.40426	02 50 29.84	+33 25 40.4	17.1	704	8568	2012 07 30.78510	01 29 28.50	+08 25 31.1	18.8 V	E12
8021	2012 07 29.41596	02 50 31.37	+33 25 44.5	17.2	704	8568	2012 07 30.79707	01 29 29.04	+08 25 35.5	18.9 V	E12
8021	2012 07 29.42724	02 50 32.86	+33 25 48.2	17.2	704	8572	2012 07 28.36366	19 13 22.486	-11 45 55.86	16.9 i	F51
8028	2012 07 30.25745	13 15 42.913	-16 54 43.97	18.1 z	F51	8572	2012 07 28.37479	19 13 21.901	-11 45 58.82	16.9 i	F51
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8035	2012 07 27.95227	20 45 57.68	+50 36 08.0	18.7 V	C73	8765	2012 07 30.26400	14 00 49.782	-13 45 54.15	19.3 z	F51
8035	2012 07 27.95308	20 45 57.55	+50 36 06.4	18.7 V	C73	8765	2012 07 30.27496	14 00 50.357	-13 45 57.35	19.3 z	F51
8035	2012 07 27.95388	20 45 57.47	+50 36 04.9	18.9 V	C73	8778	2012 07 30.26352	14 02 45.617	-16 46 45.23	17.1 z	F51
8035	2012 07 27.95469	20 45 57.37	+50 36 02.1	19.0 V	C73	8778	2012 07 30.27447	14 02 46.472	-16 46 51.35	16.9 z	F51
8035	2012 07 27.95549	20 45 57.17	+50 36 00.9	19.0 V	C73	8792	2012 07 28.43517	21 03 43.705	-23 27 08.45	17.2 i	F51
8035	2012 07 27.95630	20 45 57.09	+50 35 59.1	19.6 V	C73	8792	2012 07 28.44614	21 03 43.099	-23 27 11.84	17.2 i	F51
8035	2012 07 27.95709	20 45 57.02	+50 35 57.3	18.6 V	C73	8796	2012 07 29.47461	20 22 32.946	-15 34 51.03	17.9 i	F51
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9221	2012 07 30.78698	01 34 55.70	+11 55 37.8	17.9 V	E12	9869	2012 07 30.79262	01 46 25.57	+11 07 56.3	19.0 V	E12
9221	2012 07 30.79893	01 34 56.60	+11 55 42.9	17.8 V	E12	9869	2012 07 30.80456	01 46 26.11	+11 07 59.9	19.6 V	E12
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20865	2012 07 28.60312	00 08 44.946	-13 01 59.09	17.2 z	F51	21496	2012 07 29.08035	00 20 40.62	+00 40 33.2	16.7 R	106
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21062	2012 07 29.25442	14 13 08.523	+11 19 57.71	18.5 y	F51	21504	2012 07 29.55741	22 20 53.216	+00 54 37.18	17.0 z	F51
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21328	2012										

Table with 10 columns: ID, Date, Time, X, Y, Z, U, V, W, R. Contains numerical data for various astronomical observations.

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24248	2012 07 28.39718	19 25 29.280	-14 22 06.72	17.6	r	F51	25198	2012 07 28.40079	20 17 14.113	-17 12 17.27	18.1	r	F51
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24311	2012 07 28.45469	20 48 10.490	-18 16 21.36	17.9	i	F51	25276	2012 07 28.39529	19 23 04.828	-10 33 11.77	18.6	r	F51
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24328	2012 07 28.43019	20 29 38.912	-22 30 06.46	17.0	i	F51	25295	2012 07 30.26255	13 47 43.525	-16 49 23.80	17.9	z	F51
24328	2012 07 28.44113	20 29 38.225	-22 30 13.41	16.0	i	F51	25295	2012 07 30.27351	13 47 44.202	-16 49 23.34	18.0	z	F51
24355	2012 07 30.26789	13 56 24.008	-05 59 45.68	19.4	z	F51	25329	2012 07 30.76760	01 44 50.53	+10 31 12.5	18.8	V	E12
24355	2012 07 30.27883	13 56 24.567	-05 59 49.43	19.4	z	F51	25329	2012 07 30.77961	01 44 51.10	+10 31 12.8	18.3	V	E12
24358	2012 07 30.25891	13 22 39.525	-09 15 04.80	18.7	z	F51	25329	2012 07 30.79165	01 44 51.82	+10 31 12.8	18.5	V	E12
24358	2012 07 30.26986	13 22 40.469	-09 15 08.30	18.5	z	F51	25329	2012 07 30.80362	01 44 52.47	+10 31 13.0	18.0	V	E12
24362	2012 07 28.36632	19 41 19.657	-13 38 40.72	16.8	i	F51	25332	2012 07 28.26825	20 14 10.27	+30 26 29.1	16.0	F51	704
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24405	2012 07 30.27883	14 02 48.910	-05 10 45.90	19.5	z	F51	25428	2012 07 30.77355	01 24 30.96	+11 05 14.2	18.9	V	E12
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24653	2012 07 30.27496	14 08 05.609	-13 17 18.69	18.6	z	F51	25515	2012 07 28.44113	20 35 25.993	-24 48 28.47	17.9	i	F51
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24671	2012 07 28.38852	19 34 59.339	-15 12 40.49	17.5	r	F51	25592	2012 07 30.76146	01 25 50.34	+11 31 02.4	18.3	V	E12
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24758	2012 07 28.43780	21 25 30.657	-25 37 49.67	16.9	i	F51	25596	2012 07 28.44614	21 09 04.882	-24 38 12.35	17.1	i	F51
24758	2012 07 28.44877	21 25 29.993	-25 37 54.02	16.7	i	F51	25598	2012 07 29.48335	20 58 02.305	-12 46 24.23	17.1	i	F51
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24789	2012 07 28.46263	20 36 21.938	-22 10 12.33	18.1	i	F51	25602	2012 07 28.59923	00 12 10.760	-08 31 43.21	18.2	z	F51
24850	2012 07 28.36366	19 16 54.065	-13 13 49.72	17.3	i	F51	2						

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25753	2012 06 19.86713	11 21 23.46	+10 26 32.7	19.4	R	071	26509	2012 07 28.48912	21 36 04.693	-11 45 38.45	17.3	g	F51	
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25871	2012 07 30.26840	13 12 28.559	-17 30 21.60	17.5	z	F51	26654	2012 07 27.03225	22 43 14.64	+09 53 56.2		K	204	
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25909	2012 07 28.43085	20 44 20.763	-24 37 52.41	16.5	i	F51	26718	2012 07 30.26207	13 42 42.288	-14 18 47.89	17.9	z	F51	
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26193	2012 07 30.80642	01 45 29.95	+07 33 18.3	18.7	V	E12	26883	2012 07 29.42548	20 43 16.38	-20 27 30.5	17.2	R	H15	
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26266	2012 07 30.27108	13 32 16.570	-07 43 26.56	19.6	z	F51	26917	2012 07 30.80081	01 36 22.64	+06 20 05.7	18.7	V	E12	
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27340	2012 07 29.56375	22 20 22.120	+00 48 06.55	17.3	z	F51	28138	2012 07 30.27205	13 27 21.806	-13 49 46.11	18.3	z	F51
27340	2012 07 29.56670	22 20 22.046	+00 48 05.50	16.9	z	F51	28216	2012 07 28.48197	20 39 38.101	-15 03 19.26	18.4	g	F51
27340	2012 07 29.56967	22 20 21.957	+00 48 04.29	17.2	z	F51	28216	2012 07 28.49291	20 39 37.452	-15 03 22.04	18.4	g	F51
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27364	2012 07 30.80362	01 41 33.82	+10 18 32.2	18.5	V	E12	28264	2012 07 30.76575	01 38 01.68	+06 42 07.5	18.6	V	E12
27369	2012 07 28.45205	20 32 00.495	-22 11 27.13	17.6	i	F51	28264	2012 07 30.77776	01 38 02.00	+06 42 11.1	18.9	V	E12
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27379	2012 07 28.45666	20 59 23.804	-20 34 51.25	17.7	i	F51	28264	2012 07 30.80175	01 38 02.72	+06 42 17.7	18.8	V	E12
27379	2012 07 28.46725	20 59 23.278	-20 34 53.72	17.6	i	F51	28266	2012 07 30.26158	13 30 57.978	-15 39 31.07	19.2	z	F51
27385	2012 07 28.60819	00 05 13.710	-09 11 53.99	18.8	z	F51	28266	2012 07 30.27253	13 30 58.598	-15 39 34.73	19.2	z	F51
27385	2012 07 28.61978	00 05 13.697	-09 11 57.39	18.9	z	F51	28302	2012 07 30.76669	01 44 58.95	+09 34 25.1	18.8	V	E12
27404	2012 07 28.45666	21 03 54.685	-20 29 03.94	17.7	i	F51	28302	2012 07 30.77867	01 44 59.42	+09 34 24.6	18.4	V	E12
27404	2012 07 28.46725	21 03 54.157	-20 29 06.25	17.6	i	F51	28302	2012 07 30.79073	01 44 59.71	+09 34 28.4	18.6	V	E12
27436	2012 07 28.45798	21 23 02.790	-18 21 23.41	18.0	i	F51	28302	2012 07 30.80269	01 45 00.14	+09 34 27.6	18.8	V	E12
27436	2012 07 28.46857	21 23 02.292	-18 21 26.28	17.9	i	F51	28309	2012 07 30.81085	01 54 57.92	+13 06 29.6	19.6	V	E12
27477	2012 07 28.45469	20 53 01.055	-16 02 01.60	16.1	i	F51	28309	2012 07 30.81456	01 54 58.14	+13 06 29.7	18.9	V	E12
27477	2012 07 28.46528	20 53 00.566	-16 02 07.21	16.1	i	F51	28309	2012 07 30.81827	01 54 58.24	+13 06 30.9	19.4	V	E12
27483	2012 07 28.60506	00 01 52.863	-15 39 04.40	18.3	z	F51	28309	2012 07 30.82201	01 54 58.42	+13 06 31.6	19.1	V	E12
27483	2012 07 28.61660	00 01 52.791	-15 39 07.88	18.2	z	F51	28377	2012 07 30.26062	13 35 07.063	-08 21 23.10	18.7	z	F51
27491	2012 07 28.37082	20 22 42.344	-10 34 51.18	17.3	i	F51	28377	2012 07 30.27156	13 35 07.753	-09 21 25.46	18.5	z	F51
27491	2012 07 28.38181	20 22 41.827	-10 34 54.38	17.3	i	F51	28387	2012 07 28.60506	00 13 06.491	-15 31 57.54	19.1	z	F51
27491	2012 07 28.39215	20 22 41.339	-10 34 57.44	17.4	r	F51	28387	2012 07 28.61660	00 13 06.413	-15 32 01.84	18.4	z	F51
27491	2012 07 28.40200	20 22 40.874	-10 35 00.32	17.4	r	F51	28430	2012 07 28.43846	21 30 27.059	-28 40 51.64	17.4	i	F51
27509	2012 07 28.42888	20 29 00.092	-29 50 56.88	17.9	i	F51	28430	2012 07 28.44943	21 30 26.362	-28 40 54.07	17.2	i	F51
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27531	2012 07 28.44943	21 29 32.781	-28 54 53.43	17.7	i	F51	28508	2012 07 28.43242	20 46 48.633	-28 42 24.61	17.3	i	F51
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27535	2012 07 28.44943	21 33 12.299	-29 21 41.96	18.6	i	F51	28557	2012 07 28.43242	20 40 41.956	-28 06 11.94	18.4	i	F51
27586	2012 07 28.38551	03 01 48.03	+27 20 05.9	18.8		704	28557	2012 07 28.44337	20 40 41.222	-28 06 13.86	18.2	i	F51
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27587	2012 07 28.43451	20 56 40.194	-23 00 25.27	16.8	i	F51	28580	2012 07 30.79165	01 43 55.38	+10 59 40.7	18.9	V	E12
27587	2012 07 28.44548	20 56 39.453	-23 00 24.42	16.8	i	F51	28580	2012 07 30.80362	01 43 55.92	+10 59 40.3	19.4	V	E12
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27603	2012 07 28.38107	20 16 14.107	-14 19 45.71	17.9	i	F51	28603	2012 07 30.26110	13 34 59.719	-12 07 06.81	19.1	z	F51
27603	2012 07 28.39154	20 16 13.480	-14 19 48.54	18.0	r	F51	28603	2012 07 30.27156	13 35 00.535	-12 07 11.39	18.9	z	F51
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27662	2012 07 28.95615	22 55 54.92	-04 26 08.5	17.7	R	K 104	28625	2012 07 30.76575	01 40 28.09	+06 28 22.9	18.6	V	E12
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27711	2012 07 29.41446	19 00 56.667	+22 13 16.63	16.5	i	F51	28625	2012 07 30.78979	01 40 29.24	+06 28 26.7	19.3	V	E12
27711	2012 07 29.42526	19 00 56.101	+22 13 16.22	16.5	i	F51	28625	2012 07 30.80175	01 40 29.85	+06 28 28.1	19.4	V	E12
27725	2012 07 30.77071	01 48 21.70	+06 12 50.0	17.9	V	E12	28628	2012 07 28.48071	21 02 04.089	-13 56 29.30	18.4	g	F51
27725	2012 07 30.78324	01 48 22.35	+06 12 50.7	17.8	V	E12	28628	2012 07 28.48134	21 02 04.060	-13 56 29.46	18.5	g	F51
27725	2012 07 30.79519	01 48 22.93	+06 12 51.4	17.9	V	E12	28628	2012 07 28.49165	21 02 03.578	-13 56 32.56	18.4	g	F51
27725	2012 07 30.80642	01 48 23.50	+06 12 52.0	17.8	V	E12	28628	2012 07 28.49228	21 02 03.547	-13 56 32.76	18.4	g	F51
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27776	2012 07 29.39365	03 00 09.21	+34 56 13.0	18.9		704	28628	2012 07 29.48869	21 01 19.185	-14 01 34.73	17.7	i	F51
27776	2012 07 29.40490	03 00 10.64	+34 56 26.6	18.8		704	28671	2012 07 28.45337	20 45 38.292	-20 42 52.90	16.9	i	F51
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27794	2012 07 28.60878	23 56 50.492	-05 36 14.16	19.6	z	F51	28703	2012 07 28.47120	21 13 44.020	-23 38 48.68	17.9	i	F51
27794	2012 07 28.62037	23 56 50.383	-05 36 15.42	19.7	z	F51	28737	2012 07 29.47928	21 07 32.929	-16 50 11.82	17.4	i	F51
27812	2012 07 28.48197	20 47 32.845	-15 12 12.43	17.2	g	F51	28737	2012 07 29.49066	21 07 32.294	-16 50 16.85	17.3	i	F51
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29119	2012 07 29.48533	20 32 37.481	-11 45 01.18	18.2 i	F51	29965	2012 07 28.60711	23 43 28.385	-09 41 46.86	19.3 z	F51
29119	2012 07 29.49671	20 32 36.945	-11 45 03.25	18.0 i	F51	29965	2012 07 28.61866	23 43 28.257	-09 41 49.35	19.3 z	F51
29139	2012 07 28.98461	23 29 09.39	-04 45 55.8	18.5 R	106	29976	2012 07 28.15096	23 44 35.19	+21 33 18.9	18.9	J43
29139	2012 07 28.99774	23 29 09.07	-04 45 56.0	18.6 R	106	29976	2012 07 28.16359	23 44 34.95	+21 33 22.9	18.8	J43
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29177	2012 07 28.45535	21 02 20.070	-18 10 49.81	18.1 i	F51	30032	2012 07 28.48007	21 13 00.165	-15 18 47.64	20.2 g	F51
29177	2012 07 28.46593	21 02 19.560	-18 10 52.39	18.1 i	F51	30032	2012 07 28.49102	21 12 59.517	-15 18 50.24	20.2 g	F51
29200	2012 07 30.25794	13 26 03.916	-15 36 41.18	18.6 z	F51	30036	2012 07 28.36920	20 15 08.051	-16 27 02.66	18.2 i	F51
29200	2012 07 30.26888	13 26 04.447	-15 36 44.93	18.4 z	F51	30036	2012 07 28.38029	20 15 07.376	-16 27 04.96	18.2 i	F51
29227	2012 07 30.76760	01 41 19.53	+11 33 21.4	20.2 V	E12	30036	2012 07 28.39093	20 15 06.725	-16 27 07.18	18.5 r	F51
29227	2012 07 30.77961	01 41 19.89	+11 33 24.1	19.7 V	E12	30036	2012 07 28.40079	20 15 06.127	-16 27 09.08	18.5 r	F51
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29227	2012 07 30.80362	01 41 20.47	+11 33 28.9	19.6 V	E12	30048	2012 07 28.46923	21 27 41.416	-17 41 13.25	18.9 i	F51
29238	2012 07 28.47881	21 27 40.110	-13 53 58.98	19.0 g	F51	30057	2012 07 28.48261	20 33 52.188	-16 37 48.34	17.9 g	F51
29238	2012 07 28.48975	21 27 39.514	-13 54 02.35	19.1 g	F51	30057	2012 07 28.49354	20 33 51.561	-16 37 51.64	17.8 g	F51
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29285	2012 07 29.47928	21 17 45.840	-17 12 14.64	18.0 i	F51	30058	2012 07 30.80810	01 41 42.79	+12 46 28.7	18.3 V	E12
29285	2012 07 29.49066	21 17 45.309	-17 12 16.97	18.0 i	F51	30058	2012 07 30.81177	01 41 43.04	+12 46 30.8	18.1 V	E12
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29299	2012 07 30.26303	13 57 25.757	-13 14 00.98	18.5 z	F51	30107	2012 07 30.77071	01 49 44.90	+06 35 52.5	18.8 V	E12
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29359	2012 07 28.57533	23 27 17.735	+00 14 00.26	19.8 i	F51	30107	2012 07 30.79519	01 49 46.02	+06 36 01.0	18.6 V	E12
29359	2012 07 28.57828	23 27 17.671	+00 14 00.73	19.8 i	F51	30107	2012 07 30.80642	01 49 46.56	+06 36 05.5	19.0 V	E12
29359	2012 07 28.58123	23 27 17.605	+00 14 01.14	19.8 i	F51	30120	2012 07 30.76979	01 51 28.33	+08 08 58.7	19.8 V	E12
29359	2012 07 28.58419	23 27 17.536	+00 14 01.60	19.7 i	F51	30120	2012 07 30.78148	01 51 28.76	+08 08 58.8	18.6 V	E12
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29381	2012 07 28.45469	20 46 57.431	-15 54 41.32	18.4 i	F51	30132	2012 07 28.46263	20 32 09.310	-21 19 33.38	16.9 i	F51
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29411	2012 07 28.41539	01 59 13.75	+28 16 36.6	19.1	704	30190	2012 07 30.77776	01 38 41.89	+07 06 56.4	20.2 V	E12
29411	2012 07 28.42665	01 59 14.16	+28 16 41.0	19.4	704	30190	2012 07 30.80175	01 38 42.61	+07 07 00.5	20.2 V	E12
29416	2012 07 28.48071	21 04 19.115	-15 01 06.83	19.1 g	F51	30219	2012 07 28.37794	01 06 37.03	+27 30 25.1	18.8	704
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29452	2012 07 30.76575	01 40 22.65	+07 58 10.3	18.9 V	E12	30302	2012 07 28.46462	20 57 37.267	-18 04 29.58	18.2 i	F51
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29555	2012 07 28.60554	23 55 55.144	-15 26 26.12	16.2 z	F51	30423	2012 07 30.74456	23 37 31.69	-18 37 30.7	18.6 V	E12
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29564	2012 07 28.3										

30659	2012 07 28.98554	23 30 52.75	-06 22 43.8	16.8	R	106	32135	2012 07 28.61612	00 22 15.484	-16 25 47.60	17.2	z	F51
30659	2012 07 28.99861	23 30 52.65	-06 22 46.1	17.6	R	106	32143	2012 07 28.38406	02 40 22.16	+31 05 02.3	18.4		704
30659	2012 07 29.01159	23 30 52.56	-06 22 47.2	18.3	R	106	32143	2012 07 28.39530	02 40 22.89	+31 05 07.9	18.4		704
30659	2012 07 29.02458	23 30 52.34	-06 22 48.6	17.4	R	106	32143	2012 07 28.40654	02 40 23.64	+31 05 14.0	18.7		704
30672	2012 07 28.45798	21 21 49.208	-17 54 16.99	19.5	i	F51	32143	2012 07 28.42930	02 40 25.16	+31 05 25.7	18.3		704
30672	2012 07 28.46857	21 21 48.740	-17 54 19.32	19.4	i	F51	32148	2012 07 30.77452	01 33 29.95	+10 45 55.5	18.9	V	E12
30686	2012 07 28.97850	23 25 19.94	-06 44 05.5	19.1	R	106	32148	2012 07 30.78698	01 33 30.74	+10 45 59.5	19.1	V	E12
30686	2012 07 28.99168	23 25 19.72	-06 44 08.0	18.7	R	106	32148	2012 07 30.79893	01 33 31.57	+10 46 03.4	19.0	V	E12
30686	2012 07 29.00468	23 25 19.49	-06 44 09.9	19.0	R	106	32160	2012 07 30.76241	01 32 23.46	+11 28 42.1	19.7	V	E12
30686	2012 07 29.01763	23 25 19.21	-06 44 11.2	18.7	R	106	32160	2012 07 30.77452	01 32 24.14	+11 28 44.6	19.4	V	E12
30725	2012 07 30.76241	01 34 20.31	+11 59 25.4	18.8	V	E12	32160	2012 07 30.78698	01 32 24.86	+11 28 49.3	19.3	V	E12
30725	2012 07 30.77452	01 34 21.18	+11 59 31.0	18.6	V	E12	32160	2012 07 30.79893	01 32 25.58	+11 28 53.1	18.9	V	E12
30725	2012 07 30.78698	01 34 22.04	+11 59 34.5	18.4	V	E12	32227	2012 07 28.45732	-21 15 47.170	-20 44 42.79	16.7	i	F51
30725	2012 07 30.79893	01 34 22.87	+11 59 38.7	18.7	V	E12	32227	2012 07 28.46791	-21 15 46.519	-20 44 43.85	16.6	i	F51
30726	2012 07 28.47881	21 29 09.046	-12 57 37.39	18.8	g	F51	32244	2012 07 28.38069	01 48 01.98	+26 46 12.8	19.0		704
30726	2012 07 28.48975	21 29 08.507	-12 57 39.60	18.8	g	F51	32244	2012 07 28.39194	01 48 02.26	+26 46 16.9	19.1		704
30929	2012 07 30.25891	13 22 05.282	-09 23 37.30	18.2	z	F51	32244	2012 07 28.42593	01 48 03.29	+26 46 33.8	18.8		704
30929	2012 07 30.26986	13 22 06.108	-09 23 45.52	18.1	z	F51	32253	2012 07 29.38036	02 27 16.45	+35 46 57.7	18.4		704
30971	2012 07 28.42953	20 34 37.016	-26 40 16.59	15.9	i	F51	32253	2012 07 29.39155	02 27 17.09	+35 47 04.5	17.9		704
30971	2012 07 28.44047	20 34 36.206	-26 40 17.09	16.0	i	F51	32253	2012 07 29.40275	02 27 17.76	+35 47 12.9	17.9		704
30981	2012 07 29.37812	01 56 22.91	+32 27 58.8	18.0		704	32253	2012 07 29.41448	02 27 18.45	+35 47 21.2	17.8		704
30981	2012 07 29.38932	01 56 23.54	+32 28 03.3	18.8		704	32253	2012 07 29.42575	02 27 19.07	+35 47 29.0	17.7		704
30981	2012 07 29.40052	01 56 24.08	+32 28 09.2	18.4		704	32259	2012 07 28.38611	03 14 16.10	+30 08 36.4	18.8		704
30981	2012 07 29.41177	01 56 24.71	+32 28 16.0	18.7		704	32259	2012 07 28.39735	03 14 16.73	+30 08 39.8	19.1		704
30981	2012 07 29.42347	01 56 25.29	+32 28 21.0	18.8		704	32259	2012 07 28.40867	03 14 17.40	+30 08 42.8	19.1		704
31133	2012 07 28.47627	-21 13 04.912	-10 18 32.01	18.2	g	F51	32259	2012 07 28.43135	03 14 18.56	+30 08 50.0	19.6		704
31133	2012 07 28.48722	-21 13 04.319	-10 18 33.93	18.1	g	F51	32332	2012 07 28.45139	20 31 30.176	-20 22 58.87	18.5	i	F51
31133	2012 07 29.48258	-21 12 12.873	-10 21 32.38	17.7	i	F51	32332	2012 07 28.46197	20 31 29.659	-20 22 59.88	18.6	i	F51
31133	2012 07 29.49396	-21 12 12.251	-10 21 34.44	17.5	i	F51	32349	2012 07 28.45798	-21 14 43.336	-18 44 34.50	18.2	i	F51
31189	2012 07 28.36565	19 27 24.829	-17 34 36.88	18.4	i	F51	32349	2012 07 28.46857	-21 14 42.781	-18 44 38.66	18.1	i	F51
31189	2012 07 28.37678	19 27 24.168	-17 34 36.45	18.3	i	F51	32418	2012 07 30.26450	14 03 12.866	-12 03 08.03	18.4	z	F51
31189	2012 07 28.38792	19 27 23.498	-17 34 36.02	18.6	r	F51	32418	2012 07 30.27544	14 03 13.748	-12 03 11.16	18.5	z	F51
31189	2012 07 28.39778	19 27 22.912	-17 34 35.57	18.6	r	F51	32434	2012 07 28.32747	23 53 08.76	+27 59 07.7	18.3		704
31279	2012 07 28.47944	21 21 53.791	-15 24 13.98	19.5	g	F51	32434	2012 07 28.35000	23 53 08.62	+27 59 12.7	19.2		704
31279	2012 07 28.49038	21 21 53.310	-15 24 16.46	19.5	g	F51	32434	2012 07 28.36117	23 53 08.60	+27 59 16.8	18.8		704
31279	2012 07 29.47994	21 21 11.216	-15 28 00.64	18.8	i	F51	32434	2012 07 28.37252	23 53 08.46	+27 59 20.6	18.5		704
31279	2012 07 29.49131	21 21 10.713	-15 28 03.17	18.8	i	F51	32438	2012 07 28.38430	02 42 23.87	+27 59 34.7	18.3		704
31357	2012 07 28.60602	23 50 02.113	-12 53 45.76	18.0	z	F51	32438	2012 07 28.39554	02 42 24.62	+27 59 39.2	18.8		704
31357	2012 07 28.61756	23 50 01.951	-12 53 48.53	18.1	z	F51	32438	2012 07 28.40678	02 42 25.36	+27 59 43.4	19.0		704
31373	2012 07 30.26643	13 49 15.814	-05 00 10.10	18.2	z	F51	32438	2012 07 28.42954	02 42 26.82	+27 59 53.8	18.7		704
31373	2012 07 30.27738	13 49 16.488	-05 00 17.72	17.9	z	F51	32455	2012 07 30.26110	13 25 36.051	-13 17 48.61	19.4	z	F51
31425	2012 07 28.60770	23 55 29.070	-09 55 43.14	17.9	z	F51	32455	2012 07 30.27205	13 25 36.494	-13 17 51.38	19.3	z	F51
31425	2012 07 28.61929	23 55 28.946	-09 55 46.88	17.9	z	F51	32479	2012 07 28.43019	20 27 32.731	-23 52 15.64	14.9	i	F51
31432	2012 07 29.38049	02 28 29.96	+35 02 12.2	17.7		704	32479	2012 07 28.44113	20 27 31.928	-23 52 11.88	14.8	i	F51
31432	2012 07 29.39167	02 28 30.69	+35 02 20.0	18.3		704	32508	2012 07 30.76146	01 28 04.08	+10 09 29.8	17.9	V	E12
31432	2012 07 29.40288	02 28 31.36	+35 02 27.4	18.1		704	32508	2012 07 30.77355	01 28 04.87	+10 09 28.2	18.1	V	E12
31432	2012 07 29.42587	02 28 32.85	+35 02 43.6	17.9		704	32508	2012 07 30.78603	01 28 05.70	+10 09 27.2	18.0	V	E12
31441	2012 07 28.59971	00 01 54.670	-06 08 06.11	17.9	z	F51	32508	2012 07 30.79801	01 28 06.52	+10 09 25.5	18.0	V	E12
31441	2012 07 28.61127	00 01 54.996	-06 08 09.98	18.0	z	F51	32513	2012 07 28.50190	21 17 50.620	+11 52 25.58	19.1	g	F51
31441	2012 07 28.62391	00 01 55.373	-06 08 13.57	18.1	y	F51	32513	2012 07 28.50327	21 17 50.521	+11 52 25.69	19.6	g	F51
31447	2012 07 30.26303	13 51 55.658	-13 51 14.12	18.7	z	F51	32513	2012 07 28.51233	21 17 50.283	+11 52 26.25	19.0	g	F51
31447	2012 07 30.27399	13 51 56.481	-13 51 18.14	18.5	z	F51	32513	2012 07 28.51370	21 17 50.235	+11 52 26.86	19.6	g	F51
31491	2012 07 28.98374	23 28 42.63	-03 48 51.6	17.8	R	106	32513	2012 07 28.92513	21 17 37.39	+11 52 49.3	17.8	R	106
31491	2012 07 28.99687	23 28 42.43	-03 48 51.5	17.9	R	106	32513	2012 07 28.93829	21 17 36.97	+11 52 50.1	17.6	R	106
31491	2012 07 29.00985	23 28 42.25	-03 48 51.8	17.9	R	106	32513	2012 07 28.95237	21 17 36.52	+11 52 51.1	18.3	R	106
31491	2012 07 29.02282	23 28 42.06	-03 48 52.0	18.1	R	106	32513	2012 07 28.96562	21 17 36.07	+11 52 51.6	17.8	R	106
31615	2012 07 28.45732	21 15 46.026	-20 20 42.90	18.0	i	F51	32513	2012 07 29.37223	21 17 23.324	+11 53 14.63	18.5	i	F51
31615	2012 07 28.46791	21 15 45.531	-20 20 45.14	18.0	i	F51	32513	2012 07 29.38310	21 17 22.970	+11 53 15.23	18.5	i	F51
31623	2012 07 30.26643	13 52 46.647	-06 44 21.16	18.6	z	F51	32525	2012 07 29.03626	00 15 05.86	+04 23 38.1	18.5	R	106
31623	2012 07 30.27738	13 52 47.211	-06 44 25.60	18.6	z	F51	32525	2012 07 29.04921	00 15 06.32	+04 23 42.2	18.4	R	106
31683	2012 07 30.26158	13 34 50.573	-14 12 04.75	18.9	z	F51	32525	2012 07 29.06216	00 15 06.81	+04 23 46.4	17.8	R	106
31683	2012 07 30.27253	13 34 51.261	-14 12 07.51	18.9	z	F51	32525	2012 07 29.07511	00 15 07.31	+04 23 50.7	17.7	R	106
31694	2012 07 28.43846	21 30 37.075	-29 49 19.79	17.6	i	F51	32533	2012 07 29.15927	00 10 09.29	+12 57 45.4	18.3		J43
31694	2012 07 28.44943	21 30 36.569	-29 49 23.50	17.4	i	F51	32533	2012 07 29.17185	00 10 09.44	+12 57 50.6	18.1		J43
31705	2012 07 28.60506	00 04 59.359	-15 10 03.45	19.0	z	F51	32533	2012 07 29.18446	00 10 09.61	+12 57 55.9	18.2		J43
31705	2012 07 28.61660	00 04 59.237	-15 10 06.21	18.8	z	F51	32533	2012 07 29.19706	00 10 09.78	+12 58 00.9	18.3		J43
31708	2012 07 30.26450	14 02 42.363	-10 31 29.30	18.5	z	F51	32559	2012 07 28.60878	23 57 41.380	-06 42 12.83	17.3	z	F51
31708	2012 07 30.27544	14 02 43.360	-10 31 33.51	18.4	z	F51	32559	2012 07 28.62037	23 57 41.654	-06 42 12.88	17.4	z	F51
31731	2012 07 28.36499	19 24 46.127	-12 39 26.63	18.6	i	F51	32601	2012 07 30.76575	01 42 29.16	+06 45 49.3	18.7	V	E12
31731	2012 07 28.37612	19 24 45.555	-12 39 29.51	18.4	i	F51	32601	2012 07 30.77776	01 42 29.80	+06 45 52.4	18.8	V	E12
31731	2012 07 28.38732	19 24 44.981	-12 39 32.38	18.7	r	F51	32601	2					

33138	2012 07 28.43583	21 15 58.150	-26 26 26.92	18.0	i	F51	34653	2012 07 29.47796	21 02 15.959	-13 26 43.62	17.8	i	F51
33138	2012 07 28.44679	21 15 57.550	-26 26 31.26	17.9	i	F51	34653	2012 07 29.48935	21 02 15.372	-13 26 49.55	17.8	i	F51
33317	2012 07 30.26400	14 01 31.897	-14 08 19.45	17.9	z	F51	34656	2012 07 28.36499	19 32 20.299	-13 13 18.42	16.4	i	F51
33317	2012 07 30.27496	14 01 33.043	-14 08 18.39	17.9	z	F51	34656	2012 07 28.37612	19 32 19.653	-13 13 15.65	16.4	i	F51
33321	2012 07 28.45864	21 35 36.663	-19 36 14.15	17.6	i	F51	34656	2012 07 28.38732	19 32 18.999	-13 13 12.87	16.6	r	F51
33321	2012 07 28.46923	21 35 36.146	-19 36 16.51	17.6	i	F51	34656	2012 07 28.39718	19 32 18.426	-13 13 10.43	16.7	r	F51
33329	2012 07 30.76575	01 37 34.35	+06 45 57.2	19.4	V	E12	34688	2012 07 30.25745	13 12 14.901	-17 45 29.61	19.1	z	F51
33329	2012 07 30.77776	01 37 34.75	+06 45 58.1	19.3	V	E12	34688	2012 07 30.26840	13 12 15.950	-17 45 33.06	19.0	z	F51
33329	2012 07 30.78979	01 37 35.22	+06 45 59.0	18.7	V	E12	34695	2012 07 30.76047	01 23 12.76	+08 28 08.0	18.8	V	E12
33329	2012 07 30.80175	01 37 35.65	+06 45 59.2	18.9	V	E12	34695	2012 07 30.77264	01 23 13.63	+08 28 11.0	19.4	V	E12
33345	2012 07 30.26595	13 32 59.654	-05 35 11.51	19.1	z	F51	34695	2012 07 30.78510	01 23 14.42	+08 28 14.2	18.9	V	E12
33345	2012 07 30.27689	13 33 00.659	-05 35 18.50	18.2	z	F51	34695	2012 07 30.79707	01 23 15.21	+08 28 18.8	18.8	V	E12
33350	2012 07 29.48467	20 35 39.579	-11 21 25.16	18.2	i	F51	34703	2012 07 28.36920	20 11 50.374	-16 23 19.97	18.3	i	F51
33350	2012 07 29.49606	20 35 38.879	-11 21 28.03	18.1	i	F51	34703	2012 07 28.38029	20 11 49.668	-16 23 22.15	18.2	i	F51
33358	2012 07 30.26498	13 47 36.771	-10 20 40.56	19.5	z	F51	34703	2012 07 28.39093	20 11 48.997	-16 23 24.25	18.3	r	F51
33358	2012 07 30.27592	13 47 37.678	-10 20 46.64	19.5	z	F51	34703	2012 07 28.40079	20 11 48.371	-16 23 26.17	18.2	r	F51
33442	2012 07 28.47754	21 19 00.022	-11 02 09.63	18.4	g	F51	34707	2012 07 29.47730	20 56 09.583	-13 59 00.59	16.3	i	F51
33442	2012 07 28.48849	21 18 59.428	-11 02 12.34	18.4	g	F51	34707	2012 07 29.48869	20 56 08.894	-13 58 59.38	16.2	i	F51
33442	2012 07 29.48192	21 18 07.825	-11 06 23.84	17.6	i	F51	34721	2012 07 28.45798	21 21 36.097	-18 06 01.12	18.2	i	F51
33442	2012 07 29.48258	21 18 07.786	-11 06 24.03	17.7	i	F51	34721	2012 07 28.46857	21 21 35.600	-18 06 03.45	18.2	i	F51
33442	2012 07 29.49329	21 18 07.203	-11 06 26.78	17.6	i	F51	34723	2012 07 28.42888	20 28 44.712	-29 15 09.97	17.9	i	F51
33442	2012 07 29.49396	21 18 07.168	-11 06 26.92	17.6	i	F51	34723	2012 07 28.43982	20 28 44.131	-29 15 11.42	17.9	i	F51
33557	2012 07 30.25843	13 22 05.431	-11 31 43.85	19.4	z	F51	34783	2012 07 28.98284	23 28 18.11	-03 21 58.7	17.6	R	106
33557	2012 07 30.26937	13 22 06.020	-11 31 45.43	19.2	z	F51	34783	2012 07 28.99601	23 28 17.99	-03 21 59.5	17.6	R	106
33571	2012 07 28.45205	20 36 49.007	-22 10 59.54	17.6	i	F51	34783	2012 07 29.00899	23 28 17.84	-03 22 00.0	17.5	R	106
33571	2012 07 28.46263	20 36 48.402	-22 11 02.69	17.6	i	F51	34783	2012 07 29.02196	23 28 17.71	-03 22 00.6	17.8	R	106
33572	2012 07 28.43451	20 55 14.643	-22 53 41.03	17.8	i	F51	34792	2012 07 28.55076	22 19 42.681	+00 13 32.50	18.6	i	F51
33572	2012 07 28.44548	20 55 14.007	-22 53 44.70	17.8	i	F51	34792	2012 07 28.55667	22 19 42.493	+00 13 32.17	18.7	i	F51
33576	2012 07 30.25843	13 20 29.979	-11 50 31.56	18.8	z	F51	34792	2012 07 28.56259	22 19 42.302	+00 13 31.80	18.6	i	F51
33576	2012 07 30.26937	13 20 30.750	-11 50 37.78	18.8	z	F51	34792	2012 07 28.56554	22 19 42.210	+00 13 31.64	18.6	i	F51
33598	2012 07 28.47362	20 30 48.244	-09 30 22.07	17.7	g	F51	34792	2012 07 28.56850	22 19 42.118	+00 13 31.46	18.8	i	F51
33598	2012 07 28.48457	20 30 47.660	-09 30 25.16	17.6	g	F51	34792	2012 07 29.56080	22 19 12.656	+00 12 25.88	19.2	z	F51
33598	2012 07 29.48533	20 29 57.187	-09 35 11.44	16.8	i	F51	34792	2012 07 29.56375	22 19 12.547	+00 12 25.63	18.8	z	F51
33598	2012 07 29.49671	20 29 56.580	-09 35 14.71	16.5	i	F51	34792	2012 07 29.56670	22 19 12.457	+00 12 25.51	18.7	z	F51
33636	2012 07 30.76391	01 29 33.93	+09 56 05.8	18.2	V	E12	34792	2012 07 29.56967	22 19 12.358	+00 12 25.22	19.2	z	F51
33636	2012 07 30.77588	01 29 34.44	+09 56 05.1	18.2	V	E12	34792	2012 07 29.57263	22 19 12.269	+00 12 25.03	18.3	z	F51
33636	2012 07 30.78793	01 29 34.90	+09 56 04.5	18.2	V	E12	34792	2012 07 29.57559	22 19 12.165	+00 12 24.78	18.5	z	F51
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33698	2012 07 30.26013	13 30 25.281	-09 24 49.72	19.3	z	F51	34801	2012 07 28.45601	21 01 47.432	-19 34 53.73	17.7	i	F51
33698	2012 07 30.27108	13 30 25.885	-09 24 55.31	19.2	z	F51	34801	2012 07 28.46462	21 01 47.018	-19 34 55.36	17.7	i	F51
33719	2012 07 28.43714	21 16 52.863	-29 57 03.54	15.2	i	F51	34801	2012 07 28.46659	21 01 46.924	-19 34 55.73	17.7	i	F51
33719	2012 07 28.44811	21 16 52.326	-29 57 11.46	15.2	i	F51	34803	2012 07 28.99081	23 34 28.69	-03 16 18.3	17.3	R	106
33720	2012 07 28.60409	00 26 33.486	-16 05 36.05	17.2	z	F51	34803	2012 07 29.00381	23 34 28.61	-03 16 19.5	17.1	R	106
33720	2012 07 28.61564	00 26 33.646	-16 05 41.08	17.2	z	F51	34803	2012 07 29.01677	23 34 28.49	-03 16 20.1	17.4	R	106
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33729	2012 07 30.73516	23 52 29.92	-19 24 43.9	16.8	V	E12	34826	2012 07 28.45469	20 47 56.693	-17 49 41.60	17.3	i	F51
33729	2012 07 30.74268	23 52 29.85	-19 24 47.4	17.3	V	E12	34826	2012 07 28.46528	20 47 56.120	-17 49 43.60	17.5	i	F51
33729	2012 07 30.75117	23 52 29.78	-19 24 51.8	17.3	V	E12	34867	2012 07 30.25745	13 12 32.624	-17 15 59.81	18.9	z	F51
33810	2012 07 28.37007	20 21 07.021	-12 43 14.62	16.9	i	F51	34867	2012 07 30.26840	13 12 33.511	-17 16 02.43	18.9	z	F51
33810	2012 07 28.38107	20 21 06.337	-12 43 17.30	16.9	i	F51	34880	2012 07 28.36841	20 11 51.931	-14 29 03.93	18.5	i	F51
33810	2012 07 28.39154	20 21 05.690	-12 43 19.85	16.9	r	F51	34880	2012 07 28.37955	20 11 51.422	-14 29 06.21	18.8	i	F51
33810	2012 07 28.40139	20 21 05.076	-12 43 22.22	16.9	r	F51	34880	2012 07 28.39033	20 11 50.935	-14 29 08.51	19.1	r	F51
33830	2012 07 29.24704	13 38 56.258	+13 24 46.73	18.4	y	F51	34880	2012 07 28.40018	20 11 50.483	-14 29 10.37	19.3	r	F51
33830	2012 07 29.25842	13 38 56.756	+13 24 40.24	18.4	y	F51	34939	2012 07 30.26450	13 58 06.716	-10 53 06.08	19.6	z	F51
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33847	2012 07 28.46528	20 47 51.735	-15 22 02.44	18.7	i	F51	34957	2012 07 28.45535	21 00 22.936	-15 50 30.34	19.3	i	F51
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35652	2012 07 28.46132	20 29 11.843	-22 07 29.50	17.4 i	F51	37655	2012 07 28.33242	23 40 18.20	+04 36 47.0	16.9 R	H45
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44789	2012 07 29.47862	21 20 57.943	-14 06 27.23	17.7 i	F51	45758	2012 07 28.48390	20 27 49.241	-13 31 42.72	17.8 g	F51
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45037	2012 07 28.45205	20 37 55.398	-20 17 03.92	19.7 i	F51	45943	2012 07 28.49165	21 11 35.060	-13 55 59.67	19.1 g	F51
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45053	2012 07 30.27302	13 40 21.032	-12 34 13.40	18.9 z	F51	45985	2012 07 28.37007	20 23 18.607	-12 28 41.59	19.4 i	F51
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45466	2012 07 28.38792	19 29 35.389	-15 20 19.61	17.6 r	F51	46377	2012 07 28.38370	02 33 49.22	+28 05 27.6	19.1	704
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46771	2012 07 30.26498	13 49 59.537	-11 12 29.40	18.8	z	F51	47893	2012 07 28.44614	21 11 21.337	-24 48 14.34	17.8	i	F51
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46816	2012 07 30.26158	13 39 08.082	-16 37 15.14	18.6	z	F51	48043	2012 07 28.37612	19 23 57.233	-12 23 19.27	18.4	i	F51
46816	2012 07 30.27253	13 39 09.155	-16 37 16.34	18.9	z	F51	48043	2012 07 28.38732	19 23 56.629	-12 23 22.64	18.5	r	F51
46954	2012 07 29.16025	00 10 25.79	+14 17 57.0	19.2	J43	48043	2012 07 28.39718	19 23 56.107	-12 23 25.62	18.6	r	F51	
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47097	2012 07 30.27496	14 05 17.442	-13 32 16.93	19.3	z	F51	48244	2012 07 28.60602	23 44 44.171	-14 25 52.37	19.0	z	F51
47113	2012 07 28.45073	20 24 26.471	-21 47 13.86	18.5	i	F51	48244	2012 07 28.61756	23 44 43.980	-14 25 54.35	19.0	z	F51
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47209	2012 07 28.36565	19 31 00.566	-17 29 16.30	18.8	i	F51	48260	2012 07 30.74551	23 36 34.81	-22 05 54.4	18.7	V	E12
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47235	2012 07 28.43982	20 35 46.180	-29 24 53.03	18.1	i	F51	48412	2012 07 29.04403	00 24 02.11	+03 09 10.8	17.6	R	106
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47317	2012 07 28.39839	19 34 09.341	-12 55 04.21	18.8	r	F51	48477	2012 07 19.96327	18 57 25.29	+10 20 37.1	17.3	R	A24
47324	2012 07 28.37279	19 49 59.052	-10 40 05.24	17.9	i	F51	48477	2012 07 19.96399	18 57 25.21	+10 20 37.5	16.8	R	A24
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47350	2012 07 28.47296	20 28 49.925	-14 31 27.92	18.5	g	F51	48498	2012 07 29.37424	20 35 43.92	-20 28 33.0	17.6	R	H15
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90526	2012 07 28.48007	21 15 04.327	-15 23 46.92	19.7	g	F51	92925	2012 07 29.39124	18 35 19.544	+11 10 37.18	19.5	r	F51
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90526	2012 07 29.47928	21 14 03.156	-15 25 17.54	19.0	i	F51	92938	2012 07 29.43060	19 20 55.220	+10 21 47.62	19.1	r	F51
90526	2012 07 29.49066	21 14 02.427	-15 25 18.51	18.8	i	F51	92938	2012 07 29.44171	19 20 54.703	+10 21 42.98	18.9	i	F51
90529	2012 07 28.47754	21 19 48.340	-11 23 56.21	18.8	g	F51	92938	2012 07 29.45322	19 20 54.163	+10 21 38.15	19.2	r	F51
90529	2012 07 28.48849	21 19 47.707	-11 23 58.00	18.7	g	F51	92938	2012 07 29.46340	19 20 53.695	+10 21 33.94	19.2	r	F51
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90536	2012 07 28.47563	21 05 59.993	-11 50 39.29	18.5	g	F51	92974	2012 07 30.68913	23 48 47.48	-26 42 28.6	18.5	V	E12
90536	2012 07 28.48659	21 05 59.434	-11 50 44.26	18.5	g	F51	92974	2012 07 30.69781	23 48 47.41	-26 42 32.4	18.5	V	E12
90536	2012 07 29.48335	21 05 11.147	-11 58 21.43	17.7	i	F51	92974	2012 07 30.70634	23 48 47.41	-26 42 36.3	18.6	V	E12
90536	2012 07 29.49473	21 05 10.552	-11 58 26.69	17.6	i	F51	92974	2012 07 30.71498	23 48 47.37	-26 42 40.8	18.4	V	E12
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90													

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93192	2012 07 28.47362	20 35 29.661	-10 45 13.56	20.2 g	F51	93758	2012 07 28.46725	21 02 26.602	-21 58 56.66	19.1 i	F51
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104959	2012 07 28.32662	23 35 17.94	+27 37 58.7	18.8	704	108640	2012 07 28.43916	20 23 57.785	-25 51 20.11	18.1 i	F51
104959	2012 07 28.36033	23 35 17.82	+27 38 12.0	19.5	704	108647	2012 07 28.36775	19 58 16.835	-15 04 59.03	18.4 i	F51
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104966	2012 07 30.27544	13 59 11.411	-10 41 52.00	19.3 z	F51	108665	2012 07 28.46593	21 07 34.765	-16 13 31.16	17.9 i	F51
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156985	2012 07 28.49995	21 02 28.516	+13 24 21.55	18.2 g	F51	158577	2012 07 28.46923	21 31 45.190	-17 24 29.87	18.0 i	F51
156985	2012 07 28.51041	21 02 27.996	+13 24 22.46	18.1 g	F51	158615	2012 07 28.46061	21 17 02.729	-25 05 51.71	19.5 i	F51
156985	2012 07 29.37000	21 01 47.807	+13 25 28.69	17.5 i	F51	158615	2012 07 28.47120	21 17 02.131	-25 05 56.25	19.4 i	F51
156985	2012 07 29.38086	21 01 47.267	+13 25 29.48	17.4 i	F51	158903	2012 07 28.47881	21 34 11.374	-12 39 56.83	20.1 g	F51
157145	2012 07 28.43517	21 02 02.313	-23 46 34.10	18.8 i	F51	158903	2012 07 28.48975	21 34 10.842	-12 40 00.04	19.9 g	F51
157145	2012 07 28.44614	21 02 01.658	-23 46 34.79	18.6 i	F51	158903	2012 07 29.48060	21 33 24.873	-12 44 56.73	19.4 i	F51
157203	2012 07 28.45337	20 53 05.573	-21 59 29.92	18.7 i	F51	158903	2012 07 29.49197	21 33 24.310	-12 45 00.13	19.3 i	F51
157203	2012 07 28.46396	20 53 04.968	-21 59 33.23	18.6 i	F51	159011	2012 07 28.49931	20 57 07.484	+10 27 29.96	20.1 g	F51
157208	2012 07 28.47690	21 20 35.696	-15 11 58.73	20.1 g	F51	159011	2012 07 28.50978	20 57 06.954	+10 27 28.74	19.9 g	F51
157208	2012 07 28.48786	21 20 35.103	-15 12 01.49	20.1 g	F51	159011	2012 07 29.36934	20 56 24.682	+10 25 20.84	19.2 i	F51
157307	2012 07 29.47862	21 23 13.604	-13 52 08.86	19.4 i	F51	159011	2012 07 29.38020	20 56 24.120	+10 25 19.08	19.1 i	F51
157307	2012 07 29.49000	21 23 13.022	-13 52 11.11	19.3 i	F51	159083	2012 07 28.43846	21 35 25.921	-28 18 54.61	18.9 i	F51
157382	2012 07 28.45798	21 18 05.959	-19 24 06.70	19.0 i	F51	159083	2012 07 28.44943	21 35 25.414	-28 19 03.24	18.7 i	F51
157382	2012 07 28.46857	21 18 05.413	-19 24 10.47	19.1 i	F51	159108	2012 07 30.81085	01 50 05.64	+13 27 52.4	19.4 V	E12
157388	2012 07 28.45469	20 54 38.022	-16 03 52.62	18.6 i	F51	159108	2012 07 30.81456	01 50 05.85	+13 27 53.2	19.1 V	E12
157388	2012 07 28.46528	20 54 37.435	-16 03 54.39	18.6 i	F51	159108	2012 07 30.81827	01 50 06.00	+13 27 53.9	18.9 V	E12
157493	2012 07 29.47862	21 20 52.886	-14 04 15.27	19.9 i	F51	159108	2012 07 30.82201	01 50 06.25	+13 27 55.1	19.0 V	E12
157493	2012 07 29.49000	21 20 52.254	-14 04 17.96	20.0 i	F51	159153	2012 07 30.76484	01 31 13.87	+07 53 14.6	19.7 V	E12
157572	2012 07 28.43164	20 47 50.296	-25 51 35.83	19.8 i	F51	159153	2012 07 30.77681	01 31 14.62	+07 53 21.4	19.1 V	E12
157572	2012 07 28.44258	20 47 49.621	-25 51 38.32	19.5 i	F51	159153	2012 07 30.78887	01 31 15.42	+07 53 27.0	19.9 V	E12
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157793	2012 07 28.44178	20 39 54.401	-25 09 03.63	20.0 i	F51	159197	2012 07 28.45666	21 00 24.710	-21 52 42.99	18.2 i	F51
157802	2012 07 28.47296	20 32 56.254	-13 12 28.32	19.4 g	F51	159197	2012 07 28.46725	21 00 24.171	-21 52 49.66	18.2 i	F51
157802	2012 07 28.48390	20 32 55.655	-13 12 32.10	19.2 g	F51	159269	2012 07 28.45864	21 27 48.192	-19 37 15.29	19.2 i	F51
157803	2012 07 29.48335	20 58 54.059	-11 24 27.25	19.8 i	F51	159269	2012 07 28.46923	21 27 47.662	-19 37 19.63	19.1 i	F51
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157830	2012 07 28.47426	20 38 13.247	-13 01 13.40	20.3 g	F51	159325	2012 07 28.48849	21 28 35.102	-11 50 31.18	19.0 g	F51
157830	2012 07 28.48521	20 38 12.615	-13 01 15.13	20.1 g	F51	159325	2012 07 29.48192	21 27 56.299	-11 58 19.41	18.4 i	F51
157830	2012 07 29.48467	20 37 16.429	-13 03 40.73	19.4 i	F51	159325	2012 07 29.49329	21 27 55.819	-11 58 24.81	18.1 i	F51
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157831	2012 07 28.45601	21 13 44.001	-19 26 12.24	19.8 i	F51	159396	2012 07 30.73329	23 47 42.18	-16 49 33.7	17.8 V	E12
157831	2012 07 28.46659	21 13 43.444	-19 26 22.44	19.9 i	F51	159396	2012 07 30.74931	23 47 42.39	-16 49 36.6	18.0 V	E12
157833	2012 07 28.45798	21 22 15.544	-20 00 54.18	19.7 i	F51	159420	2012 07 28.36632	19 34 19.721	-13 35 34.77	18.9 i	F51
157833	2012 07 28.46857	21 22 14.964	-20 00 56.79	19.6 i	F51	159420	2012 07 28.37744	19 34 19.143	-13 35 37.37	18.8 i	F51
157839	2012 07 28.43386	21 00 35.039	-26 44 42.72	18.7 i	F51	159420	2012 07 28.38852	19 34 18.569	-13 35 40.11	19.1 r	F51
157839	2012 07 28.44482	21 00 34.415	-26 44 47.75	18.7 i	F51	159420	2012 07 28.39839	19 34 18.064	-13 35 42.30	19.0 r	F51
157881	2012 07 28.37345	19 36 59.395	-12 20 51.93	18.5 i	F51	159497	2012 07 28.47754	21 23 37.149	-11 47 39.09	20.1 g	F51
157881	2012 07 28.39469	19 36 58.286	-12 20 54.61	18.7 r	F51	159497	2012 07 28.48849	21 23 36.598	-11 47 42.62	20.3 g	F51
157881	2012 07 28.40454	19 36 57.778	-12 20 55.84	18.8 r	F51	159500	2012 07 29.43809	19 59 30.682	+11 48 56.11	19.6 i	F51
157892	2012 07 28.47881	21 29 47.124	-15 09 22.17	20.1 g	F51	159500	2012 07 29.46026	19 59 29.470	+11 48 54.26	19.6 r	F51
157892	2012 07 28.48975	21 29 46.575	-15 09 26.19	20.0 g	F51	159500	2012 07 29.47046	19 59 28.922	+11 48 53.29	19.4 r	F51
157892	2012 07 29.47994	21 29 00.415	-15 15 34.43	19.3 i	F51	159535	2012 07 29.36687	20 19 00.62	-21 31 10.4	19.1 R	H15
157892	2012 07 29.49131	21 28 59.854	-15 15 38.78	19.3 i	F51	159535	2012 07 29.38186	20 18 59.83	-21 31 16.3	18.9 R	H15
157908	2012 07 28.36433	19 19 01.479	-14 55 02.30	19.3 i	F51	159535	2012 07 29.39702	20 18 59.13	-21 31 22.9	18.6 R	H15
157908	2012 07 28.37545	19 19 00.925	-14 55 03.74	19.5 i	F51	159535	2012 07 29.41422	20 18 58.26	-21 31 29.6	19.0 R	H15
157908	2012 07 28.38672	19 19 00.369	-14 55 05.05	19.3 r	F51	159539	2012 07 28.47818	21 35 55.902	-10 07 46.75	19.1 g	F51
157908	2012 07 28.39658	19 18 59.875	-14 55 06.16	19.4 r	F51	159539	2012 07 28.48912	21 35 55.264	-10 07 44.43	19.0 g	F51
158044	2012 07 29.47730	20 52 08.431	-15 13 41.88	18.2 i	F51	159539	2012 07 29.48126	21 34 58.973	-10 04 18.32	18.3 i	F51
158044	2012 07 29.48869	20 52 07.853	-15 13 47.15	18.4 i	F51	159539	2012 07 29.49263	21 34 58.320	-10 04 15.44	18.8 i	F51
158070	2012 07 28.36698	19 48 05.153	-12 56 58.65	18.8 i	F51	159600	2012 07 28.47818	21 37 34.273	-12 05 26.48	20.8 g	F51
158070	2012 07 28.37279	19 48 04.798	-12 56 59.94	18.9 i	F51	159600	2012 07 28.48912	21 37 33.723	-12 05 29.74	20.7 g	F51
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158070	2012 07 28.38379	19 48 04.129	-12 57 02.55	18.8 i	F51	159636	2012 07 28.48521	20 35 38.732	-12 27 42.00	19.1 g	F51
158070	2012 07 28.38913	19 48 03.804	-12 57 03.88	19.0 r	F51	159636	2012 07 29.48467	20 34 38.089	-12 26 15.07	18.3 i	F51
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158070	2012 07 28.40381	19 48 02.914	-12 57 07.08	18.9 r	F51	159643	2012 07 28.43916	20 28 12.755	-27 25 15.68	18.4 i	F51
158080	2012 07 28.43242	20 44 15.405	-28 14 23.33	19.3 i	F51	159660	2012 07 28.42888	20 23 51.585	-29 09 08.32	18.7 i	F51
158080	2012 07 28.44337	20 44 14.746	-28 14 27.44	19.2 i	F51	159660	2012 07 28.43982	20 23 50.907	-29 09 09.25	18.8 i	F51
158087	2012 07 28.47426	20 42 22.585	-12 26 34.92	18.5 g	F51	159663	2012 07 28.47229	20 28 05.307	-16 10 08.99	20.5 g	F51
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158089	2012 07 28.45403	20 52 20.781	-20 04 28.58	19.1 i	F51	159664	2012 07 28.45403	20 57 42.044	-19 58 32.11	19.7 i	F51
158089	2012 07 28.46462	20 52 20.173	-20 04 30.76	18.9 i	F51	159664	2012 07 28.46462	20 57 41.447	-19 58 34.85	19.6 i	F51
158172	2012 07 28.47690	21 15 22.809	-13 19 55.98	19.8 g	F51	159676	2012 07 26.91844	22 38 33.29	+01 15 28.9	19.0 V	D03
158172	2012 07 28.48786	21 15 22.198	-13 19 58.95	19.7 g	F51	159676	2012 07 26.94963	22 38 32.64	+01 15 23.3	18.8 V	D03
158243	2012 07 28.43780	21 22 54.034	-26 01 02.68	19.9 i	F51	159676	2012 07 26.96495	22 38 32.			

Table with multiple columns containing alphanumeric codes (e.g., 160011, 160012), numerical values, and alphanumeric labels (e.g., F51, R, V, K, A24). The table lists data for numerous entries, including a large block of '161974' at the bottom.

163478	2012 07 29.49396	21 17 02.473	-12 28 20.97	18.5 i	F51	164980	2012 07 28.35850	23 13 38.29	+27 20 11.3	19.9	704
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163486	2012 07 28.48390	20 36 28.502	-13 30 39.79	20.3 g	F51	165050	2012 07 28.50327	21 25 47.770	+11 24 41.33	19.3 g	F51
163493	2012 07 28.37279	19 52 56.590	-11 27 06.48	18.9 i	F51	165050	2012 07 28.51370	21 25 47.356	+11 24 38.12	19.2 g	F51
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163536	2012 07 28.43095	20 27 26.336	-23 20 53.23	19.5 i	F51	165050	2012 07 28.96035	21 25 30.39	+11 22 22.3	18.6 r	106
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163564	2012 07 29.48126	21 33 20.460	-11 25 17.74	18.6 i	F51	165136	2012 07 26.92657	22 37 51.36	-00 09 41.6	19.6 V	D03
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163569	2012 07 30.72193	23 40 23.44	-19 50 05.33	18.8 V	E12	165136	2012 07 26.97259	22 37 50.15	-00 09 47.5	19.4 V	D03
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163595	2012 07 28.39093	20 11 06.742	-15 53 36.82	19.7 r	F51	165682	2012 07 28.47054	21 31 18.227	-24 41 35.99	17.4 i	F51
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163758	2012 07 19.94499	19 26 45.83	+29 31 08.6	18.4 R	K A24	165704	2012 07 28.48912	21 35 10.829	-12 12 20.69	19.0 g	F51
163758	2012 07 19.96187	19 26 42.13	+29 30 59.4	17.9 R	K A24	165704	2012 07 29.48126	21 34 28.541	-12 13 55.33	18.6 i	F51
163758	2012 07 19.99743	19 26 34.28	+29 30 40.5	18.2 R	K A24	165704	2012 07 29.49263	21 34 28.023	-12 13 56.41	18.6 i	F51
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163758	2012 07 23.89569	19 13 20.33	+28 49 51.4	18.6 R	K A24	165708	2012 07 28.48975	21 24 27.687	-13 21 49.16	19.6 g	F51
163758	2012 07 23.89714	19 13 20.04	+28 49 50.5	19.0 R	K A24	165708	2012 07 29.47862	21 23 47.627	-13 27 53.74	19.1 i	F51
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163758	2012 07 23.94333	19 13 11.10	+28 49 17.5	18.9 R	K A24	165729	2012 07 28.53496	21 25 03.014	+16 58 44.17	19.7 g	F51
163758	2012 07 23.94478	19 13 10.85	+28 49 15.4	18.5 R	K A24	165738	2012 07 28.55076	22 18 53.698	+00 21 51.74	19.7 i	F51
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164060	2012 07 28.49038	21 22 22.560	-16 22 14.89	20.4 g	F51	165738	2012 07 28.56554	22 18 53.272	+00 21 49.23	19.8 i	F51
164126	2012 07 28.45666	20 55 00.773	-21 51 38.84	19.6 i	F51	165738	2012 07 28.56850	22 18 53.186	+00 21 48.75	19.8 i	F51
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234849	2012 07 29.49473	20 57 21.018	-12 41 39.66	19.8 i	F51	236997	2012 07 29.37424	20 34 10.93	-21 43 52.9	17.5 R	H15
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247714	2012 07 28.46528	20 50 19.814	-16 53 01.67	18.3 i	F51	264972	2012 07 28.62086	23 46 10.184	-03 59 39.38	18.9 z	F51
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257536	2012 07 28.43164	20 47 51.717	-26 14 02.95	20.5 i	F51	265485	2012 07 28.47754	21 26 20.788	-11 54 50.64	20.1 g	F51
257536	2012 07 28.44258	20 47 50.843	-26 14 06.40	20.3 i	F51	265485	2012 07 28.48849	21 26 20.314	-11 54 54.26	20.0 g	F51
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267046	2012 07 29.06389	00 20 40.49	+04 43 58.7	19.0 R	106	268767	2012 07 28.47426	20 34 05.992	-12 34 56.37	20.7 g	F51
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