

Wrong quadrant relative to WDS CHARA for 140308.ads5570_Rd.8_a (Q=2, WT=306.0)
Wrong quadrant relative to WDS CHARA for 280608.ads8804_Rd.8_a (Q=2, WT=12.0)
Wrong quadrant relative to WDS CHARA for 240808.ads10988_sfd.8_a (Q=2, WT=269.0)
Wrong quadrant relative to WDS CHARA for 280808.ads10945_sfd.8_a (Q=3, WT=24.0)
Wrong quadrant relative to WDS CHARA for 010908.ads11635Cc-D_Rd.8_a (Q=1, WT=348.0)
Wrong quadrant relative to WDS CHARA for 290908.ads11778_sfd.8_a (Q=3, WT=56.0)
Wrong quadrant relative to WDS CHARA for 191008.ads13269_Rd.8_a (Q=1, WT=239.0)
Wrong quadrant relative to WDS CHARA for 191108.ads15007_Rd.8_a (Q=1, WT=262.0)
Input file: astrom08_13nov09.tex
Number of objects: 237
Number of observations: 241 with 240 measurements and 1 cases of no detection
Quadrant was determined for 188 measurements (including 16 uncertain determinations)
Warning: 8 quadrant values are inconsistent with CHARA theta last measurements!
OK: 180 quadrant values are consistent with CHARA theta last measurements!
In column 9, * indicates that θ was determined with our quadrant value (or with the long integration)
In column 9, ! indicates that θ could not be determined neither with this value, nor with WDS CHARA last measurement

WDS	Name	ADS	Epoch	Fil.	Eyep. (mm)	ρ (")	σ_ρ (")	θ ($^\circ$)	σ_θ ($^\circ$)	Notes	Orbit	$\Delta\rho(\text{O-C})$	$\Delta\theta(\text{O-C})$
00209+1059	BU1093	287	2008.051	R	20	0.709	0.020	113.1*	0.6				
01007+0929	STF82	835	2008.939	W	20	1.813	0.009	303.8*	0.3				
01030+4723	STT21	862	2008.939	R	20	1.197	0.010	175.3*	0.3		Hei1966	0.09	-0.3
01097+2348	BU303	955	2008.939	R	20	0.610	0.011	291.1	0.8				
01106+4917	COU2156	—	2008.939	R	20	0.479	0.015	164.5*	0.6	NF			
02020+0246	STF202	1615	2008.939	R	20	1.824	0.009	267.0*	0.3		Sca1983f	0.05	1.6
03344+2428	STF412	2616	2008.939	R	10	0.719	0.005	353.4	0.6		Sca2002a	-0.01	-0.3
05308+0557	STF728	4115	2008.202	R	20	1.237	0.008	45.5*	0.3		Sey1999b	-0.02	0.4
05371+2655	STF749	4208	2008.202	R	20	1.149	0.008	141.0*	0.4		Sca2007a	-0.01	-0.5 [†]
06038+1816	HDS824	—	2008.202	R	20	2.249	0.011	148.1*	0.5				
06149+2230	BU1008	4841	2008.243	V	20	1.787	0.009	257.2*	0.3		Baz1980a	0.19	3.0
06152+0631	A2717	4856	2008.243	R	20	0.565	0.016	353.9	4.5				
06250+4233	A2356	5016	2008.251	R	20	0.849	0.017	259.8	2.4				
06396+2816	STT152	5289	2008.202	R	20	0.851	0.008	35.7*	0.5				
06404+4058	STF945	5296	2008.240	R	20	0.428	0.015	329.1*	1.1				
06452+3050	STF957	5403	2008.251	R	20	3.922	0.056	88.5*	1.2				
06474+1812	STT156	5447	2008.240	R	10	0.243	0.003	184.7	1.1		Sca2005a	-0.01	2.6
06531+5927	STF963	5514	2008.202	R	10	0.225	0.004	331.2*	1.2		Sca2008d	-0.02	-0.1
06555+3010	STF981	5570	2008.202	R	20	1.160	0.008	123.4*	0.3		Hop1971	0.05	4.4 [†]
07057+5245	STF1009	5746	2008.243	R	20	4.317	0.022	148.3*	0.3				
07128+2713	STF1037	5871	2008.202	R	20	1.041	0.008	309.2	0.3		Sca1983e	0.04	0.5
07176+0918	STT170	5958	2008.202	R	10	0.229	0.005	355.8	1.5		Doc2007e	-0.02	-1.2
07303+4959	STF1093	6117	2008.202	R	20	0.901	0.009	203.5	1.8		Hrt2009	0.03	2.4
07345+1218	STF1116	6180	2008.243	R	20	1.812	0.047	96.6*	0.4				
07346+3153	STF1110	6175	2008.241	R	20	4.593	0.023	58.6*	0.3		Hei1988a	0.04	-0.3
07359+4302	STT174	6191	2008.252	R	20	2.193	0.012	87.6*	0.3				
07401+0514	STF1126	6263	2008.241	R	20	0.872	0.008	173.4*	0.4				
08024+0409	STF1175	6532	2008.202	R	20	1.416	0.023	281.2*	0.3		Ole2001	0.05	-5.1
08095+3213	STF1187	6623	2008.243	R	20	3.038	0.021	22.3*	0.4		Ole2001	0.11	0.8
08122+1739	STF1196AB	6650	2008.252	R	10	1.059	0.007	45.9*	0.5		Ge_1954	0.01	0.5
08542+3035	STF1291	7071	2008.243	R	20	1.509	0.009	310.2*	0.4				
09104+6708	STF1306	7203	2008.314	R	20	4.148	0.023	350.3*	0.3		Baz1948b	-0.05	-0.5
09179+2834	STF3121	7284	2008.241	R	20	0.627	0.008	212.2	1.5		Sod1999	-0.01	2.9
09210+3811	STF1338	7307	2008.241	R	20	1.066	0.017	298.0*	0.3		Sca2002b	0.05	-3.1
09285+0903	STF1356	7390	2008.241	R	20	0.689	0.008	99.7*	0.3		vD11976	-0.02	-0.9
09521+5404	STT208	7545	2008.241	R	10	0.335	0.003	288.2*	0.4		Egg1967	-0.02	-2.3
10163+1744	STT215	7704	2008.314	R	20	1.459	0.011	178.1*	0.3		Wrz1956c	-0.07	0.1
10205+0626	STF1426	7730	2008.350	R	20	0.925	0.009	309.9*	0.7				
10250+2437	STF1429	7758	2008.350	R	20	0.769	0.008	161.3	0.7		Zul1981	0.05	0.0
10269+1713	STT217	7775	2008.314	R	20	0.749	0.008	146.1	1.0		Hei1975b	0.02	-1.8
10279+3642	HU879	7780	2008.350	R	10	0.476	0.005	222.3*	1.1	Elongated	Msn2001c	-0.01	0.7
10397+0851	STT224	7871	2008.353	R	20	0.512	0.010	140.8*	2.5		Pru2009	0.05	-1.0
10426+0335	A2768	7896	2008.353	R	20	0.565	0.015	253.6*	1.0		Hei1988d	0.01	1.4
10480+4107	STT229	7929	2008.353	R	20	0.687	0.015	262.8	0.3		Alz1998a	0.02	-0.0
12272+2701	STF1643	8553	2008.353	W	20	2.699	0.013	6.1*	0.4	Elongated	Ole2003b	0.01	0.7
12349+2238	WRH12	—	2008.353	R	10	0.302	0.004	15.5*	0.9		Sey2002	-0.04	0.6
12417-0127	STF1670	8630	2008.353	R	20	1.013	0.008	37.3*	0.4		Sca2007c	-0.00	0.3
"	"	"	2008.484	R	20	1.046	0.008	35.7*	0.4		Sca2007c	0.00	0.1
13007+5622	BU1082	8739	2008.490	R	20	1.132	0.015	96.8*	0.3		Sod1999	-0.01	-2.1
13100+1732	STF1728	8804	2008.493	R	10	0.616	0.003	192.2*	0.3		Pal2005b	-0.01	0.3
13563+0517	STT273	9060	2008.493	W	20	1.001	0.014	112.2*	0.5				
13577+5200	A1614	9071	2008.484	W	20	1.385	0.019	302.1*	0.3		Hei2001	-0.06	-1.4 [†]
14135+1234	BU224	9165	2008.484	W	20	0.516	0.025	103.5*	0.8		Lin1985c	-0.05	-0.1
14139+2906	STF1816	9174	2008.493	R	20	0.465	0.020	94.1*	0.4				

WDS	Name	ADS	Epoch	Fil.	Eyep. (mm)	ρ (")	σ_ρ (")	θ ($^\circ$)	σ_θ ($^\circ$)	Notes	Orbit	$\Delta\rho(O-C)$	$\Delta\theta(O-C)$
14153+0308	STF1819	9182	2008.490	R	20	0.874	0.008	182.1*	0.5		Hou1987	-0.01	-0.3
14203+4830	STF1834	9229	2008.484	R	20	1.582	0.017	101.8*	0.3		Sey2000b	0.04	-1.7
14323+2641	A570	9301	2008.509	R	10	0.181	0.003	43.4	0.9		B_1949b	-0.02	-3.8
14336+3535	STF1858	9312	2008.509	R	20	3.046	0.015	37.9*	0.3				
14369+4813	A347	9324	2008.509	R	20	0.556	0.017	244.9	1.6		Doc2004a	-0.02	-0.8
14380+5135	STF1863	9329	2008.484	R	20	0.653	0.008	61.9*	1.0				
14407+3117	STF1867	9340	2008.539	R	20	0.716	0.008	355.9	2.0				
14411+1344	STF1865	9343	2008.484	R	10	0.594	0.004	295.9	0.4		Alz2007	0.02	0.7
14450+2704	STF1877	9372	2008.539	V	20	2.838	0.014	343.3*	0.3				
14463+0939	STF1879	9380	2008.490	W	20	1.728	0.010	83.6*	0.3		Msn1999a	0.01	-0.7
14489+0557	STF1883	9392	2008.490	R	20	0.897	0.014	279.5	0.4		Fei1969	-0.07	-0.6
14515+4456	STT287	9418	2008.490	W	20	0.732	0.008	357.5	0.7		Hei1997	-0.06	0.4
14534+1542	STT288	9425	2008.493	R	20	1.093	0.008	161.8*	0.3		Hei1998	-0.00	-0.3
15121+1859	COU189	—	2008.509	R	20	0.405	0.011	139.8*	1.5				
15210+0043	BU32	9596	2008.564	R	20	3.351	0.017	22.3*	0.3	NF			
15245+3723	STF1938BC	9626	2008.493	R	20	2.262	0.011	6.3*	0.3		Sod1999	0.01	0.5
15361+5531	A1124	9720	2008.591	W	20	1.420	0.008	142.3*	0.3				
15416+1940	HU580	9744	2008.509	V	10	—	—	—	—	NF, unres.			
15492-0314	STF1974	9795	2008.509	W	20	2.437	0.012	159.0*	0.3				
15589+2147	STF1990	9865	2008.539	W	20	4.019	0.020	26.1*	0.3	Elongated			
16009+1316	STT303	9880	2008.564	R	20	1.555	0.008	172.6*	0.3				
16280+2632	BU813	10071	2008.539	W	20	1.154	0.010	175.5*	0.9				
16289+1825	STF2052	10075	2008.539	R	20	2.215	0.011	120.5*	0.3		Sod1999	0.04	-0.5
16326+2314	BU817	10107	2008.588	W	20	0.936	0.013	327.8*	1.5				
16413+3136	STF2084	10157	2008.539	V	20	1.069	0.008	190.5*	0.5		Hei1994a	-0.06	1.4
16442+2331	STF2094	10184	2008.588	R	20	1.173	0.011	72.1	0.3				
16511+0924	STF2106	10229	2008.564	R	20	0.733	0.008	173.8*	0.7		Hei1963a	-0.02	2.7
16518+2840	STF2107	10235	2008.564	R	20	1.427	0.011	100.9*	0.3		Rab1927	-0.02	-1.5
16541+0826	HEI857	—	2008.588	R	20	0.558	0.008	142.9	0.8				
16564+6502	STF2118	10279	2008.564	R	20	1.051	0.008	66.1*	0.3		Sca2002d	-0.11	-1.2
17020+0827	STF2114	10312	2008.591	R	20	1.332	0.008	194.4*	0.3				
17053+5428	STF2130AB	10345	2008.564	R	20	2.384	0.012	9.7*	0.3		Hei1981b	0.05	2.0
17195+5832	KR46	—	2008.640	W	20	1.675	0.020	63.2*	0.3				
17239+3627	STF2162	10527	2008.591	W	20	1.341	0.008	283.8	0.3				
17240+3835	HU1179	10531	2008.588	R	10	0.272	0.003	273.5	0.3		Baz1987b	0.04	1.5
17304-0104	STF2173	10598	2008.588	R	10	0.650	0.005	158.1*	0.4		Sod1999	-0.01	0.8
17358+0100	STF2186	10650	2008.588	W	20	3.005	0.015	77.8*	0.3				
17386+5546	STF2199	10699	2008.589	W	20	2.004	0.010	56.2*	0.3		Pop1995d	0.08	1.6
17397+7256	H141	10734	2008.648	R	20	1.021	0.013	335.4	0.4				
17399+0748	HDS2499	—	2008.591	R	20	0.662	0.008	240.7*	0.5				
17400-0038	BU631	10696	2008.665	R	10	0.264	0.003	87.3	0.4		Baz1981b	-0.02	-3.3
17436+2237	HU1285	10743	2008.591	W	20	0.543	0.008	214.1	1.0		Sey2002	0.01	-0.4
17439+0551	STF2200	10741	2008.640	W	20	1.566	0.009	162.5*	0.4				
17457+1743	STF2205	10769	2008.591	W	20	1.044	0.013	0.3*	0.8		Cve2008a	-0.04	-0.6
17471+1742	STF2215	10795	2008.640	R	20	0.503	0.008	252.8*	1.6		Cve2006e	0.03	0.4
17506+0714	STT337	10828	2008.665	R	20	0.543	0.020	166.6	1.0		Doc1990a	0.04	0.8
17520+1520	STT338	10850	2008.659	R	20	0.821	0.008	165.6*	0.4				
17533+3605	STF2243	10874	2008.640	W	20	1.119	0.011	39.7*	0.5				
17571+0004	STF2244	10912	2008.640	R	20	0.630	0.008	97.9*	0.8		Hei1997	0.10	-2.0
17571+4551	HU235	10934	2008.649	R	20	1.598	0.013	283.8*	0.3				
17590+0202	STF2252	10945	2008.659	W	20	3.885	0.029	203.7*	0.3				
17590+1226	STF2254	10949	2008.659	W	20	3.491	0.017	265.9	0.3				
18003+5251	STF2271	10988	2008.649	W	20	3.371	0.026	87.1*	0.3	Elongated			
18017+4011	STF2267	11001	2008.649	R	20	0.560	0.022	271.9	0.6				

WDS	Name	ADS	Epoch	Fil.	Eyep. (mm)	ρ (")	σ_ρ (")	θ ($^\circ$)	σ_θ ($^\circ$)	Notes	Orbit	$\Delta\rho(O-C)$	$\Delta\theta(O-C)$
18025+4414	BU1127	11010	2008.640	R	20	0.742	0.008	52.7*	1.0		Cve2006e	-0.07	-2.3
18065+4022	STF2282	11074	2008.670	R	20	0.183	0.015	47.6	3.7	New comp.?			
18065+4022	STF2282	11074	2008.670	R	20	2.744	0.014	80.0*	0.4	Outer peaks			
18065+4022	STF2282	11074	2008.670	R	20	2.592	0.013	82.2*	0.3	Inner peaks			
18096+0400	STF2281	11111	2008.665	R	20	0.630	0.008	289.4*	0.5		Hei1984b	-0.02	1.3
18097+5024	HU674	11128	2008.665	R	20	0.747	0.008	216.3*	0.4		Sey2002	0.13	1.6
18101+1629	STF2289	11123	2008.665	R	20	1.212	0.008	219.1*	0.6		Hop1964b	-0.03	2.4
18126+3836	BU1091	11170	2008.665	R	20	0.717	0.015	319.9	0.7				
18146+0011	STF2294	11186	2008.665	W	20	1.321	0.019	92.4*	0.3		Luy1934a	0.12	-0.9
18208+7120	STT353	11311	2008.670	R	10	0.484	0.003	266.4*	0.4		Ole1990	0.03	1.5
18238+5139	ES187	11328	2008.670	W	20	2.583	0.013	205.6*	0.6				
18250-0135	AC11	11324	2008.670	R	20	0.882	0.008	355.3*	0.7		Hei1995	0.04	0.6
18250+2724	STF2315	11334	2008.589	R	20	0.646	0.008	119.6*	0.6		WSI2004b	0.02	-0.1
18261+0047	BU1203	11339	2008.692	R	20	0.499	0.020	156.6	1.4		Pop1996b	0.02	1.5
18272+0012	STF2316	11353	2008.711	R	20	3.676	0.020	319.7*	0.3	NF			
18338+1744	STF2339AB-C	11454	2008.659	R	20	1.615	0.010	275.8*	0.3	Inner peaks			
"	"	"	2008.733	R	20	1.591	0.017	275.7*	0.4	Inner peaks			
18338+1744	STF2339AB-D	11454	2008.659	R	20	2.079	0.012	272.7*	0.3	Outer peaks			
"	"	"	2008.733	R	20	2.074	0.010	272.7*	0.6	Outer peaks			
18338+1744	WAK21CD	11454	2008.659	R	20	0.474	0.008	262.4*	0.9				
"	"	"	2008.733	R	20	0.493	0.020	262.9*	1.4				
18339+5221	A1377	11468	2008.711	R	10	0.239	0.003	123.2*	0.4		Sca1984e	-0.00	-4.1
18355+2336	STT359	11479	2008.692	R	20	0.738	0.008	5.2*	1.0		Sca2009a	0.00	-0.0
18359+1659	STT358	11483	2008.692	R	20	1.653	0.011	151.1*	0.5		Hei1995	0.11	1.1
18374+7741	STT363	11584	2008.711	R	20	0.455	0.008	339.2*	0.9		Sca2009a	0.02	-1.3
18384+2842	STF2356	11529	2008.660	W	20	1.133	0.008	62.3*	0.9				
18387+0451	STT360	11526	2008.711	W	20	1.674	0.020	281.3*	0.3				
18393+2056	STF2360	11546	2008.660	W	20	2.413	0.012	358.4*	0.3				
18443+3940	STF2382	11635	2008.670	R	20	2.344	0.012	347.9*	0.3		WSI2004b	-0.05	-0.0
18443+3940	STF2382	11635	2008.670	R	20	2.370	0.012	78.7*	0.3		WSI2004b	-0.05	-0.0
18443+6103	STF2403	11661	2008.660	R	20	1.093	0.014	278.0*	0.3				
18477+4904	HEI72	—	2008.671	R	20	0.642	0.012	232.9*	0.5				
18490+2110	STF2401	11715	2008.777	W	20	4.316	0.103	37.6*	0.3				
18497+1041	STF2402	11722	2008.712	W	20	1.428	0.012	208.2*	0.5				
18502+1131	BU265	11735	2008.747	W	20	1.368	0.014	228.4*	0.7				
18508+1059	STF2404	11750	2008.665	R	20	3.534	0.018	181.1*	0.3				
18520+1047	STF2408	11766	2008.711	W	20	2.275	0.029	90.7*	0.3				
18521+1148	HU199	11769	2008.747	W	20	0.877	0.008	346.8*	0.7				
18526+1400	STF2412	11778	2008.747	W	20	1.448	0.008	235.8*	0.4				
18555+2914	STF2419	11847	2008.777	W	20	3.368	0.056	177.2*	0.5				
18570+3254	BU648	11871	2008.777	R	20	0.989	0.014	259.7*	0.7		Doc2008f	-0.01	-1.5
18575+5814	STF2438	11897	2008.777	R	20	0.852	0.008	358.8*	0.3		Hrt2001a	0.02	0.5
19019+1910	STF2437	11956	2008.772	R	20	0.587	0.008	9.5	1.3				
19024+6927	STF2478	12015	2008.772	W	20	0.932	0.008	313.3	0.3				
19030+5135	STF2451	11997	2008.772	W	20	1.972	0.010	82.1*	0.3				
19052+1050	BU466	12021	2008.777	W	20	1.923	0.023	164.8*	0.3				
19055+3352	HU940	12033	2008.774	W	20	0.493	0.011	194.1*	1.0		Doc1997b	-0.01	0.3
19062+3026	STF2454	12040	2008.774	R	20	1.315	0.014	288.2	0.5		Baz1976	0.00	1.0
19071+7204	STT369	12113	2008.774	R	20	0.701	0.008	10.6*	0.4				
19083+5520	D19	12104	2008.774	R	20	0.481	0.020	347.6*	0.7				
19114+2116	A151	12140	2008.774	W	20	0.611	0.008	158.4*	1.3				
19143+1904	STF2484	12201	2008.665	W	20	2.147	0.018	239.0*	0.3	Elongated	Hop1973b	-0.13	0.1
19148+4756	A706	12229	2008.747	W	20	1.567	0.011	73.6*	0.4				
19220+2230	BU141	12355	2008.747	R	20	0.938	0.009	81.8	0.7				

WDS	Name	ADS	Epoch	Fil.	Eyep. (mm)	ρ (")	σ_ρ (")	θ ($^\circ$)	σ_θ ($^\circ$)	Notes	Orbit	$\Delta\rho(O-C)$	$\Delta\theta(O-C)$
19251+1839	HU339	12416	2008.747	W	20	0.816	0.008	245.2	1.3				
19261+3849	HO450	12446	2008.747	W	20	1.005	0.011	263.3*	1.0				
19266+2719	STF2525	12447	2008.747	R	20	2.114	0.016	288.8	0.3		Job1969a	-0.05	-1.4
19270+7322	STF2550	12524	2008.780	R	20	1.938	0.036	249.5	0.9				
19299+4931	BU143	12535	2008.780	W	20	2.192	0.011	192.2*	0.7	Elongated			
19307+2758	MCA55Aa,Ac	12540	2008.802	V	10	0.361	0.003	100.8*	1.4		Sca2008a	-0.02	-0.9
19311+0824	A1184	12537	2008.780	W	20	0.881	0.016	110.7*	0.5				
19350+2947	A368	12633	2008.780	W	20	0.503	0.029	152.9*	1.7				
19357+7308	A864	12729	2008.796	W	20	0.734	0.008	15.0*	0.6				
19363+3540	STT377	12667	2008.780	W	20	0.926	0.017	34.5*	0.7				
19365+4101	STT378	12687	2008.780	R	20	1.396	0.029	285.6*	0.3				
19384+0021	BU249	12708	2008.796	W	20	0.810	0.017	109.1*	0.6				
19448+1649	STF2569	12861	2008.780	W	20	2.112	0.015	356.3*	0.3				
19450+4508	STF2579	12880	2008.660	R	20	2.672	0.013	219.7*	0.3		Sca1983a	0.00	-0.8
19453+3048	AG237	12881	2008.796	W	20	2.378	0.014	139.7*	0.5	Elongated			
19464+3337	STF2576	12889	2008.660	R	20	2.878	0.014	159.8*	0.3		Sod1999	-0.01	0.0
19483+3710	STT386	12965	2008.665	R	20	0.950	0.008	70.9	0.7				
19487+3519	STT387	12972	2008.802	R	20	0.534	0.014	124.2*	0.4		WSI2006b	-0.02	-1.4
19575+2018	BU425	13165	2008.671	W	20	1.376	0.008	239.6	0.4				
20011+4816	STF2619	13269	2008.802	R	20	4.163	0.021	59.0*	0.3				
20014+1045	STF2613	13256	2008.774	R	20	3.595	0.018	354.5*	0.3		Hop1973b	-0.57	2.5
20042+1148	STF2620	13320	2008.772	W	20	1.851	0.022	286.6*	0.4				
20067+1256	BU428	13384	2008.774	R	20	0.785	0.009	356.4	0.3				
20078+0924	STF2628	13403	2008.886	R	20	3.019	0.015	338.0*	0.3	NF			
20095+5140	STF2645	13447	2008.774	W	20	1.597	0.016	137.5*	0.5				
20102+4357	STT400	13461	2008.772	R	20	0.618	0.013	335.4	1.2		Sod1999	0.00	0.9
20106+3452	A281	13465	2008.886	W	20	4.152	0.038	172.5*	0.3				
20126+0052	STF2644	13506	2008.747	R	20	2.629	0.015	206.0	0.4				
20137+1609	STF2651	13542	2008.747	W	20	1.007	0.009	278.6	0.4				
20187+3315	STT405	13682	2008.772	W	20	0.795	0.013	147.9*	1.2				
20200+3616	BU431	13719	2008.777	W	20	0.540	0.017	30.5*	0.6				
20203+3924	STF2668AB-C	13728	2008.875	R	20	3.448	0.017	280.2*	0.5				
20203+3924	A1427AB	13728	2008.875	R	20	0.253	0.014	310.0	2.2				
20216+2346	STF2672	13750	2008.875	W	20	0.682	0.012	345.7	1.2	Elongated			
20229+4259	HO128	13786	2008.777	R	20	1.356	0.029	359.8*	1.1				
20244+2923	HO457	13818	2008.780	W	20	2.024	0.010	60.2*	0.5				
20248+3545	BU432	13830	2008.802	R	20	1.404	0.015	196.5*	0.3				
20251+5936	A730	13850	2008.802	R	10	0.157	0.004	283.9*	0.7	Too close	Sta1981a	-0.01	-6.5
20255+4006	D22	13847	2008.876	W	20	2.934	0.030	162.2*	0.8				
20257+5508	A1429	13857	2008.881	W	20	0.630	0.021	187.6*	0.8				
20262+3712	HO130	13856	2008.876	W	20	1.910	0.018	287.2*	0.8				
20293+3731	WEI35	13909	2008.802	R	20	4.101	0.021	213.6*	0.4				
20295+5604	KUI97	—	2008.886	R	20	0.788	0.008	128.6*	1.7				
20337+3835	A1431	14007	2008.802	W	20	0.828	0.014	28.2*	1.0	Elongated			
20340+3441	STT408	14016	2008.887	R	20	1.581	0.038	192.3*	1.4	NF			
20397+6325	DOB15	14155	2008.712	W	20	1.971	0.012	77.6	0.3				
20410+3218	STF2716	14158	2008.802	R	20	2.750	0.014	45.2*	0.3				
20445+2356	STF2724	14227	2008.876	W	20	2.520	0.017	149.2*	0.9				
21021+5640	STF2751	14575	2008.802	R	20	1.609	0.008	355.6*	0.3				
21022+0711	STF2742	14556	2008.775	W	20	2.847	0.014	214.4*	0.3				
21045+7046	STF2771	14630	2008.802	W	20	2.714	0.014	33.2	0.3				
21046+5224	STF2757	14615	2008.936	R	20	1.872	0.011	263.4*	0.4				
21055+5340	BU680	14626	2008.936	W	20	0.550	0.019	284.1*	0.8				
21068+3408	STF2760	14645	2008.876	W	20	4.503	0.028	32.2*	0.3	Diffuse			

WDS	Name	ADS	Epoch	Fil.	Eyep. (mm)	ρ (")	σ_ρ (")	θ (°)	σ_θ (°)	Notes	Orbit	$\Delta\rho(\text{O-C})$	$\Delta\theta(\text{O-C})$
21086+3012	STF2762	14682	2008.908	R	20	3.397	0.017	302.8*	0.6	NF			
21101+0118	HDO318	—	2008.938	W	20	1.050	0.008	313.3*	0.3				
21103+4359	STF2773	14711	2008.938	R	20	3.260	0.017	112.5*	0.3				
21105+1958	STF2767	14708	2008.938	R	20	2.448	0.020	29.0*	0.3				
21267+1341	STF2797	14977	2008.887	R	20	3.504	0.018	217.6*	0.3				
21289+1105	STF2799	15007	2008.887	R	20	1.860	0.009	81.0*	0.3		Pop1987	0.12	1.9 [†]
21304+3504	HLD45	15039	2008.887	W	20	1.257	0.017	197.3	0.9				
21308+4752	A769	15053	2008.936	W	20	0.663	0.036	291.3	0.9				
21318+3349	STF2802	15060	2008.936	W	20	3.802	0.022	9.5*	0.3				
22094+2233	STF2868	15673	2008.938	R	20	1.097	0.008	352.9*	0.5				
22100+2308	COU136	—	2008.938	R	20	0.468	0.008	24.3*	0.3		Cou1999b	-0.05	0.2
22122+6344	STF2884	15742	2008.887	W	20	2.023	0.050	142.8*	0.3				
22143+3745	STF2882	15766	2008.876	W	20	3.449	0.020	147.6*	0.6				
22218+6642	STF2903	15881	2008.887	R	20	4.156	0.021	96.0*	0.3				
22295-0012	BU76	15984	2008.938	R	20	1.615	0.008	7.5*	0.3				
22312+5052	STF2918	16020	2008.876	W	20	1.601	0.008	237.2*	0.9				
22328+2625	HO475	16037	2008.939	R	20	0.996	0.022	306.4	0.8				
22330+6955	STF2924	16057	2008.939	R	10	0.151	0.004	192.6	1.4		Sod1999	-0.00	-11.6
22413+7244	STF2940	16191	2008.802	W	20	2.673	0.017	137.3*	0.3				
22514+6142	STF2950	16317	2008.802	R	20	1.270	0.008	277.6*	0.3				
22537+4445	BU382	16345	2008.802	R	20	0.791	0.009	232.7*	0.3		Rab1961a	-0.05	-2.5
23244+6917	A789	16738	2008.887	W	20	1.888	0.009	83.3*	0.4				
23256+3326	AG292	16744	2008.887	W	20	3.737	0.019	233.6*	0.3				
23355+5401	MLR620	—	2008.939	RL	20	0.616	0.020	225.7*	1.0	Diffuse			
23355+5401	MLR620	—	2008.939	W	20	0.614	0.010	227.7*	0.8				

Note: In column 9, the exponent * indicates that the position angle θ could be determined without the 180° ambiguity.