Table 1. Binary star measurements

HIP	Name/ Catalog No.	Discoverer designation	Coord. 2000	Epoch 1990.0+	$\theta°$	σ_θ	ρ mas	σ_ρ mas	Δm	$\sigma_{\Delta m}$	Filter
461	ADS 51	HU 1201 AB	00055+3406	8.7717	308.1	0.5	215	2	1.31	0.05	V'
				8.7798	307.8	0.5	216	2	1.35	0.03	R'
689	HD 375		00085+3456	8.7717	72.9	0.5	133	2	0.31	0.05	V'
				9.7469	63.6	1.5	134	2	0.22	0.24	K'
768	HD 489	COU 247 AB	00095+1907	8.7799	313.2	0.5	298	2	1.67	0.12	V'
823			00101+3825	8.7717	297.4	0.6	183	2			R'
				9.7470	296.0	1.5	169	4			K'
1055	BD +19°020		00131+2023	8.7718	173.5	0.5	558	2	1.13*	0.03	R'
				9.7470	172.3	1.0	565	3	0.84	0.12	K'
1392	ADS 238	A 1803 AB	00174+0853	8.7772	299.6*	0.5	145	2	1.06	0.02	V'
		C		8.7772	UR						V'
				8.7798	UR						V'
3361	BD +12°081		00428+1249	8.7718	105.4	0.5	218	2	1.14	0.05	R'
				9.7471	98.9	1.5	214	6	0.67	0.20	K'
3795	ADS 673	BU 495 AB	00487+1841	8.7799	320.0*	0.5	161	2	0.64	0.04	V'
4267	ADS 746	STT 20 AB	00546+1911	8.7798	194.9	0.5	514	2	1.11*	0.05	V'
4809	HD 6009		01017+2518	8.7718	189.5*	0.5	50	2	0.17	0.15	V'
				9.7472	228.2	1.5	86	2	0.30	0.16	K'
4841	ADS 854	A 2003 AB	01023+0552	8.7800	140.7	1.0	159	3	1.09	0.06	G'
4849	GJ 3071		01024+0504	8.7719	21.4	0.5	376	2	1.72	0.04	G'
				9.7469	7.0	1.0	302	2	0.78	0.12	K'
4990	ADS 873	HO 213 AB	01040+3528	8.7717	108.4	0.5	300	2	0.57	0.06	G'
				8.7717	108.5	0.5	299	2	0.52	0.06	G'
				8.7717	108.7	0.5	299	2	0.60	0.07	V'
				8.7744	108.4	0.5	299	2	0.56	0.05	V'
				8.7772	108.6	0.5	298	2	0.53	0.04	V'
5531	HD 6840		01108+6747	8.7745	171.9	0.5	131	2	0.71	0.03	V'
6060	ADS 1040	STF 102 AB	01178+4901	8.7719	275.8	0.5	479	2	0.86	0.07	R'
				8.7719	276.0	0.5	477	2	0.72	0.08	R'
				8.7719	276.1	0.5	478	2	0.83	0.04	G'
				8.7719	276.1	0.5	480	2	0.82	0.07	V'
6730			01267+1123	8.7746	184.4	0.5	709	2	0.36*	0.16	R'
7338			01345+7804	8.7744	143.8*	3.7	59	4	1.52	0.46	R'
7580	HR 466	KUI 7 AB	01376-0924	8.7773	151.0	0.5	285	2	1.20	0.03	V'
8258	HD 10781		01463+4059	8.7747	306.0*	0.5	86	2	0.26	0.08	V'
11253	HD 14874		02249+3039	8.7747	285.6*	0.6	344	4	2.79	0.22	V'
11352	HD 15013		02262+3428	8.7747	202.9	0.5	127	2	0.21	0.06	V'
				8.7773	202.7	0.5	126	2	0.15	0.06	V'
11474	HR 719	KUI 8 AB	02280+0158	8.7719	36.5	0.5	510	2	0.52	0.04	V'
				8.7720	36.6	0.5	511	3			R'
				8.7721	36.4	0.5	512	2			R'
				8.7721	36.3	0.5	509	2	0.51	0.03	G'
				8.7774	36.8	0.5	511	2	0.59	0.05	G'
12446			02402+0436	8.7720	110.6*	0.5	381	2	0.47	0.11	R'
12986			02470+0745	8.7720	328.9*	1.3	295	7	1.10	0.22	R'
13117			02487+0002	8.7720	39.1	0.5	1565	3	0.93*	0.08	R'
14075	HD 18774		03014+0615	8.7774	194.8*	1.2	54	2	0.00	0.29	R'
14230	HD 18940		03035+2304	8.7774	20.3	0.7	97	2	1.74	0.05	V'
14524	GJ 3202		03076-0358	8.7776	346.7	0.5	365	2	0.35	0.13	R'
14669	GJ 125		03095+4544	8.7749	10.4*	0.5	581	2	1.72*	0.05	R'

Table 1. (continued)

HIP	Name/ Catalog No.	Discoverer designation	Coord. 2000	Epoch 1990.0+	θ°	σ_θ	ρ mas	σ_ρ mas	Δm	$\sigma_{\Delta m}$	Filter
14864	GJ 3206		03119+6131	8.7775	136.4	0.5	594	2	1.50*	0.08	R'
14929	HD 19895		03125+1857	8.7775	177.8*	0.5	90	2	0.17	0.08	V'
15309	ADS 2436	STT 52 AB	03175+6540	8.7775	62.9	0.5	475	2	0.49	0.03	V'
15597	HD 20716		03209+2031	8.7721	UR						G'
15737	63 Ari		03228+2045	8.7721	291.6	0.5	473	4			G'
16025	HD 21183		03264+3520	8.7776	217.6	0.5	283	2	1.73	0.05	V'
16143	ADS 2546	COU 260 Aa	03280+2028	8.7749	24.2	0.5	245	2	0.63	0.03	V'
16602	HR 1071	CHR 117	03337+5752	8.7774	303.1	0.5	114	2	0.23	0.05	V'
17491	GJ 150.2	BAG 8 AB	03448+4602	8.7746	71.6	1.5	125	4	2.69	0.11	V'
19009	36 Tau	MCA 13 Aa	04044+2406	8.7776	126.0*	1.0	32	2	1.18	0.15	V'
	HD 25811	BAG 4	04063+1952	8.7747	266.9*	1.0	60	2	0.00	0.40	V'
19206	HD 26040		04070-1000	8.7721	31.2	0.7	169	2	1.42	0.04	G'
20087	51 Tau	MCA 14 Aa	04184+2135	8.7776	83.0	0.7	69	2	2.06	0.17	V'
20531	ADS 3179	STF 534 B	04239+2418	8.7747	110.3*	1.5	36	2	0.00	0.50	G'
20777	DF Tau		04271+2542	8.7748	97.6	1.2	96	2	0.24	0.15	R'
20895			04287+2613	8.7722	302.5*	0.5	165	2	0.25	0.15	R'
21280	HD 285931	CHR 17	04340+1510	8.7777	198.7	0.5	125	2	1.29	0.04	G'
21402	88 Tau A	CHR 18 Aa	04357+1010	8.7748	142.3	0.5	244	2			V'
	B			8.7748	UR						V'
21881	94 Tau	MCA 16 Aa	04422+2257	8.7749	68.3	0.5	244	2			V'
	C			8.7749	UR						V'
22550	ADS 3475	BU 883 AB	04512+1104	8.7722	247.6	0.5	246	2	0.35	0.03	V'
23317			05009+6107	8.7724	339.5	0.6	357	4	1.52	0.19	R'
23402	ADS 3608	S 461 C	05018+2639	8.7750	UR						G'
23418			05020+0959	8.7722	163.3	0.5	1040	2	1.03*	0.06	R'
23699	HD 32641	STT 97	05056+2304	8.7750	151.2	0.5	362	2	1.44	0.07	V'
24196	ADS 3767	HU 33	05117+0031	8.7750	351.4	0.5	135	2	0.88	0.04	G'
25240	ADS 3991	A 847 A	05239-0052	8.7777	UR						G'
		BC		8.7777	141.9	0.5	318	2	0.30	0.07	G'
25499	115 TAU	MCA 19 Aa	05272+1758	8.7751	260.0*	4.6	19	2			V'
26926	ADS 4299	A 494 AB	05429-0648	8.7751	316.2*	0.5	59	2	0.94	0.12	V'
27758	HD 39438		05525-0217	8.7723	0.9	0.5	86	2	1.31	0.03	V'
28832	ADS 4660	A 1951	06052+0708	8.7723	42.9	0.5	449	2	1.40	0.06	G'
30272	ADS 4950	STF 881 Aa-B	06221+5922	8.7724	140.2	0.5	672	2	1.30*	0.07	R'
				8.7724	140.1	0.5	671	2	1.37*	0.05	R'
32132	BD $+40^\circ$1685		06426+3955	8.7724	204.5*	1.9	49	2			G'
83064	HD 153527	COU 1289	16584+3943	8.7794	239.3	0.7	80	2	0.74	0.04	R'
83791	HD 155039	COU 1291	17075+3810	8.7794	104.9	0.5	200	2	0.84	0.07	R'
87991	GJ 9609	KUI 84	17584+0428	8.7766	219.0	0.5	107	2	0.20	0.10	R'
88127	40 Dra	STF 2308 B	18000+8000	8.7769	UR						V'
88136	41 Dra	BAG 6 Aa	18002+8000	8.7769	313.9	0.5	84	2	0.47	0.04	V'
90441	59 Ser A	STF 2316 Aa	18272+0012	8.7767	UR						V'
90996	ADS 11454	HU 322 AB	18338+1744	8.7767	79.9	0.4	128	2	0.49	0.14	V'
		WAK 21 CD		8.7767	260.3	0.5	414	2			R'
91919	HR 7051 C		18443+3940	8.7768	UR						V'
	D			8.7768	UR						V'
94056	GJ 747.2	COU 1462	19089+3404	8.7797	229.4	0.5	196	2	0.37	0.06	R'
94076	HR 7272	CHR 84 Aa	19091+3436	8.7768	207.2	0.7	99	2	2.15	0.05	V'
94252	ADS 12145	SE 2 BC	19111+3847	8.7797	78.5	0.5	467	2	0.66	0.05	R'
94679	ADS 12239	STT 371 AB	19159+2727	8.7768	160.0	0.5	882	2			V'

Table 1. (continued)

HIP	Name/ Catalog No.	Discoverer designation	Coord. 2000	Epoch 1990.0+	$\theta°$	σ_θ	ρ *mas*	σ_ρ *mas*	Δm	$\sigma_{\Delta m}$	Filter
94720	ADS12248	CHR 85 Aa	19164+1433	8.7767	236.1*	0.5	59	2	1.47	0.05	V'
				8.7768	235.9	0.6	59	2	1.14	0.06	R'
				8.7768	236.3	1.1	59	2	1.02	0.18	R'
95995	GJ 762.1	MCA 56	19311+5835	8.7769	267.3	0.7	50	2	0.33	0.07	V'
96656	GJ 765.2	MLR 224	19391+7625	8.7770	311.3	0.5	111	2	0.67	0.03	V'
97496	ζ Sge	AGC 11 AB	19490+1909	8.7794	146.3	0.5	165	2	0.64	0.06	V'
97607	HR 7554	CHR 89	19503+0754	8.7797	UR						V'
				8.7798	UR						V'
99257	ADS 13449	STF 2652	20089+6205	8.7795	213.9	0.5	306	2	0.63	0.04	V'
99874	HR 7744	MCA 60 Aa-B	20158+2749	8.7768	144.7*	0.5	232	2	2.28	0.32	V'
103810	ADS 14575	STF 2751	21021+5640	8.7769	354.8	0.5	1625	2			V'
104858	δ Equ	STT 535 AB	21145+1000	8.7740	196.2	0.5	106	2			V'
				8.7740	196.3	0.5	106	2			G'
				8.7740	196.5	0.5	106	2			R'
105259	ADS 14864A	BAG 9 Aa	21193+5837	8.7770	121.6	0.5	115	2	1.52	0.04	V'
105371	HD 203220		21206+1310	8.7797	306.3*	0.5	222	2	2.35	0.07	R'
				9.7465	305.7	1.0	210	6	1.93	0.14	K'
105947	HD 204236		21274-0701	8.7796	39.2	1.0	108	2	1.50	0.06	V'
				9.7468	62.2	1.0	110	2	1.16	0.14	K'
106032	β Cep	LAB 6 Aa	21287+7034	8.7770	229.7	1.3	39	2	1.82	0.10	R'
				8.7770	228.6	1.0	38	2			V'
106393	HR 8246	CHR 102	21329+4959	8.7770	123.2*	0.6	43	2	0.24	0.07	V'
				8.7795	123.1*	0.7	44	2	0.20	0.10	V'
106394	HD 205142		21330+2408	8.7796	246.0	0.5	555	2	2.03*	0.07	R'
				9.7468	244.7	1.0	519	2	1.18	0.12	K'
106439	BD -03°5242		21335-0230	8.7741	113.4	0.5	1627	2	1.06	0.08	R'
106972	GJ 4210		21399+2737	8.7742	30.9	1.7	104	3	1.17	0.14	R'
				9.7414	75.0	1.0	100	2	1.13	0.12	K'
106981	EE Peg	CHR 105	21400+0911	8.7741	UR						V'
107181			21426+0233	8.7742	54.6	0.5	269	2	1.11	0.10	R'
				9.7414	56.3	1.0	250	4	0.81	0.25	K'
108917	ξ Cep	MCA 69 Aa	22038+6438	8.7770	318.2	0.6	44	2			V'
109281	HD 210211		22083+2409	8.7742	32.5	0.5	68	2	0.50	0.05	V'
				9.7413	356.7	1.0	86	4	1.01	0.12	K'
109951	HD 211276		22161-0705	9.7415	69.3	1.0	291	2	1.50	0.16	K'
	ADS 16072	HU 983	22339+6550	8.7795	295.9	0.6	62	2	0.20	0.08	G'
111544	ADS 16095B	STF 2922 B	22359+3936	8.7743	UR						V'
111546	ADS 16095A	CHR 112 Aa	22359+3938	8.7743	UR						V'
111685	GJ 4287		22375+3923	8.7716	356.9*	1.0	242	4	2.03	0.12	R'
				9.7414	16.4	1.0	264	3	1.03	0.16	K'
112422	BD +32°4510		22463+3319	9.7415	101.5	1.0	227	2	0.63	0.12	K'
112695	HD 216027		22493+1517	8.7716	8.8*	2.8	118	6	1.99	0.13	G'
				9.7415	19.9	3.0	101	6	1.89	0.30	K'
113726	o And	MCA 77	23019+4220	8.7771	312.9	1.3	92	2	2.02	0.11	R'
113852	HD 217944		23034+5834	8.7744	115.4	0.5	374	2	2.38	0.09	V'
				9.7416	UR						K'
114222	ADS 16538	STT 489 AB	23079+7523	8.7744	345.5	0.5	1081	3			R'
114444	HD 218793		23107+0947	8.7771	326.1	0.5	380	2	1.83	0.04	V'
				9.7416	325.6	1.0	366	6	1.23	0.12	K'

Table 1. (continued)

HIP	Name/ Catalog No.	Discoverer designation	Coord. 2000	Epoch 1990.0+	θ°	σ_θ	ρ mas	σ_ρ mas	Δm	$\sigma_{\Delta m}$	Filter
114922	GJ 893.4		23167+1937	8.7743	288.4*	1.3	65	2	0.00	0.35	R'
				9.7416	48.7	1.5	99	2			K'
114927	BD+33°4679		23167+3441	8.7746	47.2*	1.1	71	2	0.00	0.47	R'
				9.7417	226.0	2.0	95	4	0.00	0.40	K'
115666	ADS 16748	HO 489 AB	23260+2742	8.7742	224.5	0.5	529	2	0.87*	0.09	R'
				8.7742	224.4	0.5	530	2	0.83*	0.04	R'
				8.7742	224.5	0.5	528	2	0.76*	0.04	G'
				8.7798	224.9	0.5	529	2	0.88*	0.04	R'
116259	HD 221613		23334+4251	8.7746	83.0	0.5	105	2	2.53	0.07	V'
116294	HD 221630		23338-0508	8.7771	81.0	0.5	651	3	2.05*	0.12	G'
116810			23405+2959	8.7746	241.6	0.5	864	2	1.97*	0.09	R'
118287	ADS 17151	A 1498	23595+5441	8.7745	86.1	0.5	378	2	1.13	0.05	R'
				8.7745	86.7	0.5	379	2	0.41	0.04	V'