

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 8890 Alpha UMi; 1 UMi; Polaris	470	308	2	31.8	89.3	2,9,13,12	UMi	Sep AB:18, Sep AC:45, Sep AD:83	F8v
HD 105943 OS 117	7996	1991	12	11.0	81.7	6,8,3	Cam	Sep AB:67	
HD 112028	3041	2102	12	49.2	83.4	5,4,5,9	Cam	Sep AB:22	A2
HD 139777 Pi 1 Umi	8507	2556	15	29.2	80.4	6,6,7,3,11	UMi	Sep AB:31, Sep AC:154	
HD 153751 Epsilon UMi	3901	2770	16	46.0	82.0	4,2,11,2	UMi	Sep AB:77	G5
HD 166926 24 Umi	4070	2940	17	30.8	87.0	8,5,9	UMi	Sep AB:31	A3
HD 184146	9299	3209	19	15.1	83.5	6,5,10,6	Dra	Sep AB:6	
HD 196787	4826	3408	20	28.2	81.4	5,6,11,1,6,9	Dra	Sep AB:110, Sep AC:198	K0
HD 196925	4832	3413	20	29.5	81.1	6,1,9,3	Dra	Sep AB:214	K0
HD 4161 H N 122; YZ Cas	148	4216	0	45.7	75.0	5,7,9,4	Cas	Sep AB:36	A2
HD 9774 40 Cas	297	4453	1	38.5	73.0	5,3,11,3	Cas	Sep AB:53	K0
HD 12013	5904	4550	2	2.2	75.5	6,3,8,2,8,8	Cas	Sep AB:1.3, Sep AC:117	
HD 12111 48 Cas	377	4554	2	2.0	70.9	4,6,12,6	Cas	Sep AB:51	A3
HD 12173	5909	4559	2	3.2	73.9	6,1,8,6	Cas	Sep AB:5	
HD 12230 47 Cas	392	4562	2	5.1	77.3	5,4,11,4	Cas	Sep AB:96	F0
HD 12927	5942	4594	2	12.8	79.7	6,5,7,2	Cep	Sep AB:56	
HD 18438	595	4810	3	6.1	79.4	5,5,9	Cep	Sep AB:5	M0
HD 23401 Gamma Cam; Seginus	770	5006	3	50.4	71.3	4,7,13,2,8,6	Cam	Sep AB:56, Sep AC:106	A0
HD 44472	1509	5861	6	28.2	70.5	6,9,8	Cam	Sep AB:6	A2
HD 68951	7332	6504	8	20.7	72.4	6,9,6,9,3	UMa	Sep AB:42, Sep AC:56	
HD 69054	7336	6511	8	22.2	74.8	6,4,9,8	Cam	Sep AB:11	
HD 88849	7711	7099	10	17.8	71.1	6,7,7,4	UMa	Sep AB:17	
HD 119702	8212	7867	13	40.7	76.8	6,7,10,2,9,1	UMi	Sep AB:26, Sep AC:46	
HD 127700 5 UMi	3359	8024	14	27.5	75.7	4,4,13,4,9,9	UMi	Sep AB:22, Sep AC:60	K2
HD 131873 7 UMi; Kochab; Arabic name for the constellat	3442	8102	14	50.7	74.2	2,2,11,4	UMi	Sep AB:209	K5
HD 132698	8415	8111	14	53.1	78.2	6,5,10,9,1	UMi	Sep AB:1, Sep AC:113	
HD 145309	8590	8415	16	4.8	70.3	6,9,8,9	UMi	Sep AB:47	
HD 152303 Kustner 1	3891	8612	16	43.1	77.5	6,9,4,9,8	UMi	Sep AB:3, Sep AC:115	F2
HD 162003 Psi 1 Dra; 31 Dra; Dziban	4116	8890	17	41.9	72.1	4,5,8,5,7,9,11,4,12,9	Dra	Sep AB:30.3, Sep AC:90, Sep AD:101	F5
HD 166865 40, 41 Dra	8978	8994	18	0.1	80.0	5,7,6,1	Dra	Sep AB:20	
HD 176795	9199	9286	18	53.6	75.8	6,3,6,6	Dra	Sep AB:6	
HD 192907 Kappa Cep; 1 Cep	4761	9665	20	8.9	77.7	4,4,8,4,8,4	Cep	Sep AB:7, Sep AC:170	B9
HD 205021 Beta Cep; 8 Cep; Alfirk	5055	10057	21	28.7	70.6	3,2,7,9	Cep	Sep AB:13	B1
HD 211300	5208	10284	22	12.9	73.3	6,1,8,5	Cep	Sep AB:29	G5
HD 214019	10092	10418	22	33.3	70.4	6,4,8,7,11,3	Cep	Sep AB:9, Sep AC:97	
HD 218658 Pi Cep; 33 Cep; OS 489	5400	10629	23	7.9	75.4	4,4,,12,2	Cep		G5
HD 220841	10275	10732	23	26.2	70.7	6,7,12,1,12,3	Cep	Sep AB:20, Sep AC:47	
HD 223778	10359	10879	23	52.4	75.5	6,5,11,4	Cep	Sep AB:5	
HD 224098	10365	10893	23	54.8	74.4	6,6,12,6	Cep	Sep AB:45	
HD 225009	10	10937	0	2.6	66.1	5,9,7,2	Cas	Sep AB:15	G0
HD 225180 9 Cas	12	10954	0	4.2	62.3	6,10	Cas	Sep AB:247	A0
HD 1239	57	11084	0	17.0	61.5	5,8,11,8	Cas	Sep AB:19	G5
HD 5015	176	11444	0	53.1	61.1	4,8,9,3	Cas	Sep AB:130	F8
HD 5394 Gamma Cas; 27 Cas; Cih; Navi; Tsih	188	11482	0	56.7	60.7	2,2,11,2,13,2	Cas	Sep AB:2, Sep AC:52	B0p
HD 8003 35 Cas; OSS 15	5793	11712	1	21.1	64.7	6,3,8,7	Cas	Sep AB:56	
HD 8491 Psi Cas; 36 Cas; H V 83; Bur 1101; Sh 18	262	11751	1	25.9	68.1	4,7,9,6,12,9	Cas	Sep AB:25, Sep AC:3	K0

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HD 10425 44 Cas	318	11941	1	43.3	60.6	5.8,12.1,9.6	Cas	Sep AB:1, Sep AC:66	B9
HD 15089 Iota Cas; 30 Cas	463	12298	2	29.1	67.4	4.5,6.9,8.6	Cas	Sep AB:2.5, Sep AC:7.4	A5p
HD 24480	791	12968	3	57.1	61.1	5.8,5	Cam	Sep AB:1.9	+++
HD 31910 Beta Cam; 10 Cam; Espin 58 (b); OSS 57	1072	13351	5	3.4	60.4	4.8,6	Cam	Sep AB:80	G0p
HD 32893	6462	13394	5	10.7	63.6	6.6,10.3	Cam	Sep AB:12	
HD 38284	1304	13618	5	49.1	62.8	6.2,7.6	Cam	Sep AB:1	A2
HD 38475	6634	13627	5	51.0	65.8	6.6,8.1,10	Cam	Sep AB:4, Sep AC:13	
HD 40034	6682	13675	6	1.3	65.5	6.6,11.4	Cam	Sep AB:25	
HD 42633	1443	13772	6	15.7	60.0	5.6,10.7	Cam	Sep AB:103	K0
HD 46480	1558	13897	6	37.7	61.5	6.1,9.1	Lyn	Sep AB:157	G0
HD 65448	2014	14407	8	2.5	63.1	6.1,7.5	Cam	Sep AB:49	F8
HD 68457	7306	14479	8	15.8	60.4	6.4,10.2,9.9,12	UMa	Sep AB:3, Sep AC:49, Sep AD:100	
HD 78154 Sigma 2 UMa; 13 Uma	2311	14788	9	10.4	67.1	4.8,8.2,9.3	UMa	Sep AB:3.5, Sep AC:205	F8
HD 78362 14 UMa; H V 73	2313	14796	9	10.9	63.5	4.7,10.3	UMa	Sep AB:57	+++
HD 81937 23 Uma	2399	14908	9	31.5	63.1	3.7,8.9,10.4	UMa	Sep AB:23, Sep AC:100	F0
HD 95689 Alpha UMa; 50 UMa; Dubhe, "the bear"	2706	15384	11	3.7	61.8	2.4,8	UMa	Sep AB:.7	K0
HD 100203	2789	15542	11	32.3	61.1	5.5,7.1	UMa	Sep AB:.8	F5
HD 114504	8132	15999	13	9.8	62.2	6.5,9.8	UMa	Sep AB:108	
HD 117200	8175	16078	13	27.1	64.7	6.6,7	Dra	Sep AB:69	
HD 117376 BC = STF 1752	3169	16080	13	28.5	59.9	5.4,7.9	UMa	Sep AB:181	A0
HD 121146 AB = Luyten 2329	8242	16197	13	51.0	68.3	6.4,8.3	Dra	Sep AB:74	
HD 126028	8332	16342	14	19.9	67.8	7,10	UMi	Sep AB:27	
HD 129798 DL Dra	8392	16466	14	42.1	61.3	6.2,8.5	Dra	Sep AB:4	
HD 130173	8395	16478	14	44.1	61.1	6.9,9.4,10.4	Dra	Sep AB:12, Sep AC:9	
HD 148374	3816	17073	16	23.8	61.7	5.7,7.2	Dra	Sep AB:1	G5
HD 148387 Eta Dra; 14 Dra; Aldhibain	3817	17074	16	24.0	61.5	2.7,8.7,7.8	Dra	Sep AB:5, Sep AC:565	G5
HD 156890	8810	17410	17	16.1	60.7	6.9,10.1	Dra	Sep AB:10	
HD 159966	4078	17526	17	32.0	68.1	5.2,11.4	Dra	Sep AB:103	K0
HD 160269 26 Dra; AB x C = Luyten 2736	4092	17546	17	35.0	61.9	5.3,8,11.7	Dra	Sep AB:2, Sep AC:1.7	F8
HD 171653	9099	17912	18	31.2	65.4	6.6,10.4	Dra	Sep AB:27	
HD 172825	9135	17961	18	38.4	60.7	6.7,9.9,9.9	Dra	Sep AB:37, Sep AC:55	
HD 176668	9213	18082	18	57.3	62.4	6.5,9,10.5	Dra	Sep AB:17, Sep AC:160	
HD 180711 57 Dra; Altais, "the goat", Nodus Secundus	4516	18222	19	12.6	67.7	3.2,12.4	Dra	Sep AB:88	K0
HD 184936	9379	18395	19	33.2	60.2	6.3,8.1	Dra	Sep AB:19	
HD 186340	9421	18461	19	40.2	60.5	6.5,9.1	Dra	Sep AB:18	
HD 190713 65 Dra	9520	18669	20	2.3	64.6	6.6,8.7	Dra	Sep AB:98	
HD 191174	9529	18692	20	4.7	63.9	6.2,10.2,11	Dra	Sep AB:5, Sep AC:153	
HD 202582	9829	19257	21	13.7	64.4	6.4,7.2	Cep	Sep AB:.7	
HD 203280 Alderamin, "the right arm"	5016	19302	21	18.6	62.6	2.6,10.2	Cep	Sep AB:201	A5
HD 203374 Doolittle (C)	9853	19309	21	19.1	61.9	6.7,10.3,12.8	Cep	Sep AB:45, Sep AC:2.7	
HD 207198	5115	19621	21	44.9	62.5	5.9,9.5	Cep	Sep AB:17	B2
HD 207826	9947	19665	21	49.1	66.8	6.5,9.6	Cep	Sep AB:12	
HD 208132	9956	19686	21	51.6	65.8	6.4,7.3,11	Cep	Sep AB:1.6, Sep AC:56	
HD 209790 Xi Cep; 17 Cep; Kurhah	5163	19827	22	3.8	64.6	4.3,6.5	Cep	Sep AB:8	A3
HD 209975 19 Cep	5168	19849	22	5.1	62.3	5.1,11.1,10.1	Cep	Sep AB:20, Sep AC:60	Oe5
HD 210884	5197	19922	22	10.6	70.1	5.5,7.7	Cep	Sep AB:15	F2

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HD 213973	5283	20150	22	33.0	69.9	6,10.5,10.2	Cep	Sep AB:114, Sep AC:178	+++
HD 216380	5342	20281	22	51.4	61.7	5.6,7.4,10.7	Cep	Sep AB:2, Sep AC:39	G0
HD 217943	10197	20393	23	3.4	60.4	6.7,9.4	Cep	Sep AB:34	
HD 219916 Omicron Cep; 34 Cep	5434	20554	23	18.6	68.1	4.8,7.1,12.8	Cep	Sep AB:3, Sep AC:46	G5
HD 220130	10259	20572	23	20.6	62.2	6.4,11.6,11.3,11.3	Cas	Sep AB:13, Sep AC:59, Sep AD:74	
HD 220652 H IV 24	5456	20614	23	24.8	62.3	5.3,7.8,8.7	Cas	Sep AB:99, Sep AC:215	K5
HD 222275	10322	20745	23	38.8	62.1	6.6,10.9	Cas	Sep AB:16	
HD 223358	10343	20866	23	48.6	64.9	6.4,8.6	Cas	Sep AB:50	
HD 223385 6 Cas; V566 Cas	5525	20869	23	48.8	62.2	5.5,8,10.5	Cas	Sep AB:1.5, Sep AC:62	A2p
HD 225257	5577	21062	0	4.9	58.5	6.6,8.7	Cas	Sep AB:4	
HD 123 V640 Cas	21	21085	0	6.3	58.4	6.7,2	Cas	Sep AB:1.3	G5
HD 2626	89	21457	0	30.3	60.0	5.9,11.7	Cas	Sep AB:121	B9
HD 4222	146	21677	0	45.3	55.2	5.5,11.5,10.4	Cas	Sep AB:2, Sep AC:88	A0
HD 4614 Eta Cas	166	21732	0	49.1	57.8	3.5,7.5	Cas	Sep AB:12	F8
HD 5128	5707	21814	0	53.8	52.7	6.3,9.3,9.8	Cas	Sep AB:8, Sep AC:78	
HD 5234 Upsilon 1 Cas; 26 Cas	182	21832	0	55.0	59.0	4.8,11.8	Cas	Sep AB:94	K0
HD 6540	5751	22021	1	7.2	53.5	6.5,10.4,10.9	Cas	Sep AB:21, Sep AC:197	
HD 6582 30 Cas; Marfak	218	22024	1	8.3	54.9	5.2,12.3,11.1,11.1	Cas	Sep AB:88, Sep AC:91, Sep AD:206	G5
HD 7927 34 Cas; H III 23	250	22191	1	20.1	58.2	5.12,2,7.6	Cas	Sep AB:48, Sep AC:134	F5p
HD 8272	5800	22230	1	23.4	58.1	6.4,12.8	Cas		
HD 8538 37 Cas; Ruchbah, "the knee"	261	22268	1	25.8	60.2	2.7,11.1	Cas	Sep AB:132	A5
HD 10293	5861	22520	1	42.3	58.6	6.4,9.8	Cas	Sep AB:19	
HD 10543 Bur 870	321	22566	1	44.3	57.5	6.4,7.8	Cas	Sep AB:1	A2
HD 13854	5951	23115	2	16.9	57.1	6.5,7.2	Per	Sep AB:103	
HD 13994 7 Per; Bur 1170	431	23149	2	18.1	57.5	6.3,8.9	Per	Sep AB:122	K0
HD 14134	5957	23178	2	19.1	57.1	6.6,11.7	Per	Sep AB:28	
HD 14489 9 Per	445	23256	2	22.4	55.8	5.2,12	Per	Sep AB:12	A2p
HD 14872	452	23319	2	25.6	50.3	4.9,12.9	And	Sep AB:50	K5
HD 15703	5996	23425	2	33.3	52.3	6.7,9.8	Per	Sep AB:125	
HD 17506 Eta Per; 15 Per; Miram; Sh 34	540	23655	2	50.7	55.9	3.8,8.4,9.8	Per	Sep AB:28, Sep AC:66	K0
HD 17743 A2906	6054	23674	2	52.9	53.0	6.4,,7.1	Per		
HD 17878 18 Per	551	23685	2	54.3	52.8	3.9,10.6	Per	Sep AB:52	+++
HD 18537	577	23763	3	0.9	52.4	5.2,6.6	Per	Sep AB:13	B5
HD 18925 Gamma Per; 23 Per	591	23789	3	4.8	53.5	2.9,,10.6	Per		+++
HD 21291	672	24054	3	29.1	59.9	4.2,8.5	Cam	Sep AB:2	B9p
HD 21427	6155	24062	3	30.2	59.4	6.1,7.5	Cam	Sep AB:3	
HD 21447	679	24064	3	30.0	55.5	5.1,9.5,10.3	Cam	Sep AB:15, Sep AC:110	A2
HD 21769	6166	24093	3	33.5	58.8	6.5,7.9	Cam	Sep AB:20	
HD 21903	6174	24111	3	35.0	60.0	6.4,7.6,10.3	Cam	Sep AB:.8, Sep AC:92	
HD 22764 Webb	717	24169	3	42.7	60.0	5.7,8.7	Cam	Sep AB:55	K0
HD 23552	752	24231	3	48.3	50.7	6.2,11.3	Per	Sep AB:7	B8
HD 23594	6213	24244	3	49.3	57.1	6.5,7.2	Cam	Sep AB:58	
HD 24546 43 Per	787	24314	3	56.6	50.7	5.5,10.3,11.4	Per	Sep AB:75, Sep AC:101	F5p
HD 25362	6253	24391	4	4.6	55.1	6.6,10.4	Cam	Sep AB:136	
HD 25602	6261	24411	4	6.6	54.0	8.3,12	Cam	Sep AB:26	
HD 27402	895	24577	4	23.0	59.6	6.2,11,9	Cam	Sep AB:1.3, Sep AC:32	A0

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HD 28446 1 Cam	943	24672	4	32.0	53.9	5.7,6.8,11.1	Cam	Sep AB:10, Sep AC:150	B1
HD 30121	1003	24829	4	48.0	56.8	5.4,12	Cam	Sep AB:99	A2
HD 31278 7 Cam; AC=S610	1045	24929	4	57.3	53.8	4.5,7.8,11.3	Cam	Sep AB:.9, Sep AC:26	A2
HD 32343 11 Cam; B = 12 Cam; BV Cam	1084	25001	5	6.1	59.0	5.3,6.4,10.8	Cam	Sep AB:180, Sep AC:173	B3p
HD 32537 9 Aur; H VI 35	1087	25019	5	6.7	51.6	5.9,4,12.2	Aur	Sep AB:90, Sep AC:5	F0
HD 34019 Espin	6485	25112	5	17.3	53.6	10,9.5	Aur	Sep AB:48	
HD 38618 H VI 125	6631	25403	5	50.6	56.9	6.5,9.5	Cam	Sep AB:25	
HD 40035 33 Aur	1360	25502	5	59.5	54.3	3.7,10.6,9.7	Aur	Sep AB:123, Sep AC:195	K0
HD 40873 35 Aur	6693	25548	6	4.5	51.6	6.5,9.2	Aur	Sep AB:39	
HD 43812 4 Lyn	1474	25678	6	22.1	59.4	6.2,7.7,12.9,11	Lyn	Sep AB:.7, Sep AC:26, Sep AD:100	A2
HD 44708 5 Lyn	1500	25733	6	26.8	58.4	5.3,9.8,7.9	Lyn	Sep AB:31, Sep AC:96	K2
HD 45410	1522	25771	6	30.8	58.2	6.1,9	Lyn	Sep AB:170	G5
HD 48250 12 Lyn	1597	25939	6	46.2	59.4	5.4,6.7,3,10.6	Lyn	Sep AB:1.7, Sep AC:9, Sep AD:170	A2
HD 48767	6915	25963	6	48.2	55.7	5.5,6.7	Lyn	Sep AB:5	
HD 49618 14 Lyn	1636	26012	6	53.1	59.4	5.7,,11.1	Lyn		+++
HD 50522 15 Lyn	1664	26051	6	57.3	58.4	4.8,5.9	Lyn	Sep AB:1	G0
HD 57103 19 Lyn	1795	26312	7	22.9	55.3	5.6,6.5,8.9	Lyn	Sep AB:15, Sep AC:74	B8
HD 61497 24 Lyn	1910	26474	7	43.0	58.7	5.9,5	Lyn	Sep AB:55	A2
HD 66286	7261	26662	8	6.0	59.2	6.7,10.7	Lyn	Sep AB:42	
HD 80290 37 Uma	2362	27215	9	20.7	51.3	6.1,10.2,10	UMa	Sep AB:6, Sep AC:142	F2
HD 90839 36 Uma	2599	27670	10	30.6	56.0	5.2,11	UMa	Sep AB:120	F5
HD 97855	7870	27970	11	16.1	52.8	6.5,7.9	UMa	Sep AB:13	
HD 106591 69 UMa; Megrez	2911	28315	12	15.4	57.0	3.3,10.3,11.5	UMa	Sep AB:183, Sep AC:177	A2
HD 108845	8048	28407	12	30.0	51.5	6.2,10.4,9	CVn	Sep AB:109, Sep AC:229	
HD 112486	3072	28572	12	56.3	54.1	5.8,7.9,10.4	UMa	Sep AB:2.4, Sep AC:124	A2
HD 113139 78 UMa	3082	28601	13	0.7	56.4	5.7,4	UMa	Sep AB:1	F0
HD 115043	8144	28679	13	13.6	56.7	6.8,8	UMa	Sep AB:118	
HD 116656 Zeta UMa; 79 UMa; Mizar	3151	28737	13	23.9	54.9	2.1,4	UMa	Sep AB:14	A2p
HD 118741	8202	28819	13	37.7	50.7	6.5,8.3	UMa	Sep AB:1.9	
HD 122200	8262	28955	13	58.9	53.1	6.8,10	UMa	Sep AB:8	
HD 124675 Kappa Boo; 17 Boo; Asellus Tertius	3307	29046	14	13.5	51.8	4.5,6.6	Boo	Sep AB:14	A5
HD 125161 Iota Boo; 21 Boo	3318	29071	14	16.2	51.4	4.8,8.3,12.6	Boo	Sep AB:38, Sep AC:86	A5
HD 126660 23 Boo; Asellus Primus	3353	29137	14	25.2	51.9	4,11.1	Boo	Sep AB:69	F8
HD 131040	8410	29296	14	49.5	51.4	6.5,9.8	Boo	Sep AB:16	
HD 135944	8471	29464	15	15.8	50.9	6.5,8.9	Boo	Sep AB:73	
HD 137759 12 Dra; Ed Asich, "the male hyena"	3570	29520	15	24.9	59.0	3.3,9.2	Dra	Sep AB:255	K0
HD 142282	8557	29691	15	51.2	52.9	6.7,8.9,12.8	Dra	Sep AB:7, Sep AC:17	
HD 150100 16 Dra	3866	30012	16	36.2	52.9	5.4,5.5	Dra	Sep AB:90	A0
HD 150117 17 Dra, 16 Dra (C); SI 30 (C)	3867	30013	16	36.2	52.9	5.4,6.2,5.53	Dra	Sep AB:3.5, Sep AC:90	A2
HD 154905 Mu Dra; 21 Dra; Arrakis, "the dancer"	3971	30239	17	5.3	54.5	5.7,5.7	Dra	Sep AB:2.2	F5
HD 159181 Beta Dra; 23 Dra; Rastaban	4067	30429	17	30.4	52.3	3,12.7	Dra	Sep AB:117	G0
HD 159541 Nu1 and Nu2 Dra; 24 and 25 Dra; Kuma	4079	30447	17	32.2	55.2	4.9,4.9	Dra	Sep AB:62	A5
HD 168092	9032	30836	18	14.7	56.6	6.4,9.8	Dra	Sep AB:96	
HD 173524 H 37	4367	31119	18	42.6	55.5	5.1,10.7	Dra	Sep AB:147	A0
HD 176560	9214	31292	18	57.5	58.2	6.5,7.4	Dra	Sep AB:.8	
HD 177483 Hussey 757	9245	31337	19	2.1	52.3	6.4,8.6	Dra	Sep AB:5	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 185395 Theta Cyg; 113 Cyg	4619	31815	19	36.4	50.2	4.5,	Cyg		F5
HD 186408 16 Cyg	9426	31898	19	41.8	50.5	6.3,6.4	Cyg	Sep AB:40	
HD 188793	4688	32093	19	53.6	59.7	6.1,9	Cyg	Sep AB:71	A0
HD 189037 Psi Cyg; 24 Cyg	4698	32114	19	55.6	52.4	4.9,7.4,10.2	Cyg	Sep AB:3, Sep AC:165	A3
HD 192439	9561	32354	20	12.5	51.5	6,11.5,13	Cyg	Sep AB:4, Sep AC:83	
HD 193592	4795	32455	20	18.4	55.4	5.8,7.4,12.6	Cyg	Sep AB:3, Sep AC:84	A0
HD 195066	9630	32590	20	26.4	56.6	6.4,9	Cyg	Sep AB:26	
HD 197511 51 Cyg	4881	32809	20	42.2	50.3	5.4,,12.4,11.4	Cyg		B3
HD 198513	9734	32908	20	48.7	51.9	6.3,8.5	Cyg	Sep AB:4	
HD 198679	9738	32922	20	49.3	58.7	6.9,7.8	Cep	Sep AB:108	
HD 199955	4947	33034	20	58.5	50.5	5.6,7.2	Cyg	Sep AB:2	B8
HD 200614	4961	33078	21	2.2	56.7	5.8,7.1	Cep	Sep AB:1.5	B9
HD 202214	4992	33210	21	11.8	60.0	5.6,7,8.7	Cep	Sep AB:1.2, Sep AC:121	B2
HD 203338	5017	33318	21	19.3	58.6	5.5,10,10.3	Cep	Sep AB:5, Sep AC:74	+++
HD 206267 Bur 1143	5085	33626	21	39.0	57.5	5.7,7.7,7.8	Cep	Sep AB:12, Sep AC:20	Oe5
HD 208095	5136	33819	21	52.0	55.8	5.7,6.6	Cep	Sep AB:18	B3
HD 210715	5200	34143	22	11.2	50.8	5.4,10.4	Lac	Sep AB:28	A2
HD 211336 23 Cep	5217	34227	22	15.0	57.0	4.2,9.2	Cep	Sep AB:128	F0
HD 213306 Delta Cep; 27 Cep; Bur 702	5267	34508	22	29.2	58.4	4.1,6.3	Cep	Sep AB:41	+++
HD 213388 Leonard 53	10077	34519	22	29.9	52.4	6.5,11.5	Lac	Sep AB:14	
HD 214665	5297	34651	22	38.6	56.8	5.1,10.3	Cep	Sep AB:31	Mb
HD 217833 V638 Cas	10191	35092	23	2.7	55.2	6.5,10.1,10	Cas	Sep AB:20, Sep AC:54	
HD 218753 2 Cas	5405	35186	23	9.7	59.3	5.6,8.4,11	Cas	Sep AB:166, Sep AC:163	A3
HD 221253 1 Cas; OS 496; AR Cas	5472	35478	23	30.0	58.5	4.9,7.1	Cas	Sep AB:76	B3
HD 224572 Sigma Cas; 8 Cas	5556	35947	23	59.0	55.8	5.7,1	Cas	Sep AB:3	B2
HD 225218	15	36037	0	4.6	42.1	6.1,8.7	And	Sep AB:5	A2
HD 3 Espin 1293	5581	36042	0	5.2	45.2	8.1,9.1	And	Sep AB:22	
HD 1185	56	36221	0	16.4	43.6	6.1,10.8	And	Sep AB:9	A0
HD 1438 26 And	63	36256	0	18.7	43.8	6.9,7	And	Sep AB:6	B9
HD 2301 Fleming	5643	36374	0	27.2	50.0	7.9,12.6,10	Cas	Sep AB:15, Sep AC:64, Sep AD:147	
HD 3574	120	36550	0	39.2	49.4	6.9,9.4	Ori	Sep AB:45	K2
HD 4180 Omicron Cas; 22 Cas	143	36620	0	44.7	48.3	4.5,11.2	Cas	Sep AB:33	B2
HD 6116 39 And	202	36874	1	2.9	41.3	6,12.4	And	Sep AB:20	A2
HD 6114	5733	36875	1	3.0	47.4	6.5,8.1	And	Sep AB:6	
HD 8799 Omega And; 48 And	267	37228	1	27.7	45.4	4.8,10.4	And	Sep AB:2	F5
HD 9826 50 And	290	37362	1	36.8	41.4	4.1,12.6	And	Sep AB:114	G0
HD 10205 53 And	302	37418	1	40.6	40.6	5,10.1	And	Sep AB:53	B8
HD 11031	333	37536	1	49.3	47.9	6,7,9.2	Per	Sep AB:2, Sep AC:19	A2
HD 11428 55 And	343	37587	1	53.3	40.7	5.6,10.9	And	Sep AB:60	K0
HD 12533 Gamma And; 57 And; Almach	389	37734	2	3.9	42.3	2.1,5.1,6.3	And	Sep AB:10, Sep AC:3	K0
Almach	390	37735	2	3.9	42.3	5.1	And		A0
HD 13594	417	37878	2	14.0	47.5	6.1,7.1	And	Sep AB:1	F0
HD 14622	447	37986	2	22.8	41.4	5.8,10.4	And	Sep AB:56	F0
HD 16780	6021	38274	2	43.0	48.3	6.6,11.6,10.7	Per	Sep AB:6, Sep AC:73	
HD 16895 Theta Per; 13 Per	517	38288	2	44.2	49.2	4.1,9.9	Per	Sep AB:20	F8
HD 17818	6056	38418	2	53.4	48.6	6.2,10.5	Per	Sep AB:7	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 18155	557	38455	2	56.6	47.2	6.1,11.6	Per	Sep AB:25	K0
HD 19356 Beta Per; 26 Per; Algol	602	38592	3	8.2	41.0	2.1,12.7,12.5,10.5	Per	Sep AB:58, Sep AC:67, Sep AD:82	B8
HD 20283	6123	38700	3	17.2	40.5	6.7,8	Per	Sep AB:3	
HD 21455	6153	38874	3	29.4	46.9	6.2,11.4	Per	Sep AB:28	
HD 23230 41 Per; Espin	732	39078	3	45.2	42.6	3.8,11.8	Per	Sep AB:31	F5
HD 25932	6267	39331	4	8.2	43.2	7.1,6.7	Per	Sep AB:134	
HD 26630 Mu Per; 51 Per; OS 73; H VI 20	850	39404	4	14.9	48.4	4.1,11.6,10	Per	Sep AB:14, Sep AC:84	G0
HD 28704 57 Per; OSS 50	945	39604	4	33.4	43.1	6.1,6.8,12.1	Per	Sep AB:118, Sep AC:76	F0
HD 31964 Epsilon Aur; 7 Aur; AC = Bur 554; Maaz	1063	39955	5	2.0	43.8	3,11.7,12	Aur	Sep AB:43, Sep AC:46	F5p
HD 32903	6453	40052	5	9.1	49.1	6.6,10.8	Aur	Sep AB:21	
HD 34029 Alpha Aur; Capella, "little female goat"	1125	40186	5	16.7	46.0	2.1,11.1,10.1	Aur	Sep AB:142, Sep AC:485	G0
HD 34533	6497	40251	5	20.7	47.0	6.5,9.6	Aur	Sep AB:23	
HD 40183 34 Aur; H VI 88; Menkalinan	1361	40750	5	59.5	44.9	2.1,10.6	Aur	Sep AB:185	A0p
HD 40325 H VI 91	6680	40769	6	0.3	44.6	6.2,9.9	Aur	Sep AB:34, Sep AC:34	
HD 41161	6699	40844	6	5.9	48.2	6.8,11.1	Aur	Sep AB:10	
HD 47174 52 Aur	1570	41239	6	39.3	42.5	4.8,10.6,11.3	Aur	Sep AB:53, Sep AC:99	G5
HD 49520 58 Aur	1625	41380	6	50.8	41.8	5,10,11.6	Aur	Sep AB:41, Sep AC:118	K0
HD 58661 AC = Bur 758	1830	41797	7	28.9	48.2	5.7,10.5,10.2	Lyn	Sep AB:1, Sep AC:17	B9p
HD 58855	1843	41808	7	29.9	49.7	5.4,10.2	Lyn	Sep AB:169	F5
HD 60335	7124	41877	7	35.9	43.0	6.4,8.1	Lyn	Sep AB:2	
HD 68562	7304	42242	8	14.8	43.0	6.8,9.9	Lyn	Sep AB:4	
HD 70647 OSS 93	7344	42342	8	24.7	42.0	6.8,5	Lyn	Sep AB:83	
HD 76644 Iota UMa; 9 UMa; Talitha, "the heel", OS 196	2273	42630	8	59.2	48.0	3.1,10.8	UMa	Sep AB:2	A5
HD 81688	2387	42876	9	28.7	45.6	5.4,7.8,10.3	UMa	Sep AB:72, Sep AC:84	G5
HD 82780	7596	42931	9	35.4	40.0	6.8,8.1,8.7	Lyn	Sep AB:25, Sep AC:118	
HD 91312	2611	43379	10	33.2	40.4	4.7,11.6	UMa	Sep AB:19	A5
HD 92787	2645	43444	10	43.5	46.2	5.2,7.3	UMa	Sep AB:287	F0
HD 95241	2696	43564	11	0.3	42.9	6,13.2	UMa	Sep AB:37	F8
HD 95296	7830	43565	11	0.7	42.7	6.7,11.3	UMa	Sep AB:13	
HD 103483 65 UMa; DN UMa; A1777	7957	43945	11	55.1	46.5	6.7,,8.5,6.5	UMa		
HD 104513 DP UMa	2876	44002	12	2.1	43.0	5.1,8.8	UMa	Sep AB:311	A3
HD 106690 2 CVn	2914	44097	12	16.1	40.7	5.8,8.1	CVn	Sep AB:12	K5
HD 123782	3297	44905	14	8.3	49.5	5.3,10.9	Boo	Sep AB:79	M0
HD 131041 39 Boo	3435	45231	14	49.7	48.7	6.2,6.9	Boo	Sep AB:3	F5
HD 133029 BX Boo	8435	45326	15	0.6	47.3	6.4,9.6	Boo	Sep AB:36	
HD 133640 44 Boo; i Boo	3487	45357	15	3.8	47.7	5.3,6.2	Boo	Sep AB:2	G0
HD 145931 H IV 115	3764	45957	16	11.8	42.4	5.9,10.2	Her	Sep AB:24	K5
HD 149303	3853	46147	16	31.8	45.6	5.6,8.2	Her	Sep AB:16	A0
HD 152107 52 Her; V637 Her; A1866	3911	46305	16	49.2	46.0	4.9,	Her		A2p
HD 155860	3988	46561	17	11.7	49.7	6.1,9.8	Her	Sep AB:5	A2
HD 163217 90 Her	4155	47037	17	53.3	40.0	5.2,8	Her	Sep AB:1.6	K0
HD 175740	4432	47909	18	54.9	41.6	5.5,,11.6	Lyr		K0
HD 176502	4460	47965	18	58.8	40.7	6.2,9.6	Lyr	Sep AB:19	B5
HD 177196 16 Lyr	4472	48011	19	1.4	46.9	5,10.5	Lyr	Sep AB:44	A5
HD 178208	9258	48071	19	5.2	49.9	6.5,11.9	Dra	Sep AB:12	
HD 180756	9300	48247	19	15.3	50.1	6.3,10.1	Cyg	Sep AB:2	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 185657	9409	48673	19	37.9	49.3	6.5,10.9,9.5,11.9	Cyg	Sep AB:25, Sep AC:56, Sep AD:11	
HD 186882 Delta Cyg; 18 Cyg	4652	48796	19	45.0	45.1	2.9,6.3,11.9	Cyg	Sep AB:2.4, Sep AC:66	A0
HD 189178	4709	49011	19	57.2	40.4	5.5,8.5	Cyg	Sep AB:64	B3
HD 189377 OS 392	9501	49031	19	57.9	42.3	6.4,9	Cyg	Sep AB:3	
HD 190147 26 Cyg; H V 47	4732	49098	20	1.4	50.1	5.1,10.1	Cyg	Sep AB:42	K0
HD 192535 Fox	9568	49336	20	13.7	43.4	6.1,12.6,11.1,12.9	Cyg	Sep AB:10, Sep AC:57, Sep AD:30	
HD 192577 Omicron 1 Cyg; 31 Cyg; V695 Cyg	4774	49337	20	13.6	46.7	3.8,7	Cyg	Sep AB:107	+++
HD 192659 OS 403	9570	49345	20	14.4	42.1	6.7,7.6,10	Cyg	Sep AB:.8, Sep AC:12	
HD 192909 Omicron 2 Cyg; 32 Cyg; V1488 Cyg	4782	49385	20	15.5	47.7	4,,9.7	Cyg		+++
HD 193092	4788	49410	20	16.9	40.4	5.5,11.8,12.6	Cyg	Sep AB:13, Sep AC:112	K5
HD 193322	4794	49438	20	18.1	40.7	5.8,8.8,6	Cyg	Sep AB:3, Sep AC:34	B2p
HD 194093 Gamma Cyg; 37 Cyg; Sadr, "the hen's breast"	4810	49528	20	22.2	40.3	2.2,10	Cyg	Sep AB:142	F8p
HD 194220 Hough 128 (B)	9614	49550	20	22.9	43.0	6.2,11.3,8	Cyg	Sep AB:1, Sep AC:93	
HD 195556 Omega 1 Cyg; 45 Cyg	4836	49712	20	30.1	49.0	4.9,9.5	Cyg	Sep AB:56	B3
HD 195710	9655	49731	20	30.9	49.2	6.7,9.7	Cyg	Sep AB:60	
HD 195774 Omega 2 Cyg; 46 Cyg; Ruchba; H 694	4840	49741	20	31.3	49.2	5.4,10.1	Cyg	Sep AB:56	M0
HD 196865	9696	49886	20	38.3	48.1	6.6,11	Cyg	Sep AB:16	
HD 197018	4867	49899	20	39.6	40.6	6.1,7.1,8.9	Cyg	Sep AB:.8, Sep AC:69	B8
HD 197345 H N 73; Deneb, "the hen's tail"; H 702	4878	49941	20	41.4	45.3	1.3,11.7	Cyg	Sep AB:75	A2p
HD 198478 55 Cyg; V1661 Cyg	4909	50099	20	48.9	46.1	4.8,10.8	Cyg	Sep AB:21	B2
HD 198625	9742	50119	20	49.9	46.7	6.3,11.3	Cyg	Sep AB:19	
HD 198639	4915	50121	20	50.1	44.1	5.1,11.1	Cyg	Sep AB:76	A5
HD 199218	9759	50209	20	54.4	40.7	6.7,10.7	Cyg	Sep AB:6	
HD 200120 59 Cyg; V832 Cyg	4952	50335	20	59.8	47.5	4.7,9.6,11.5,11	Cyg	Sep AB:20, Sep AC:27, Sep AD:38	B0p
HD 200723	9802	50409	21	3.9	41.6	6.3,8.8	Cyg	Sep AB:57	
HD 201836	9822	50536	21	10.5	47.7	6.5,7.4	Cyg	Sep AB:134	
HD 203096	9851	50699	21	18.9	41.0	6.2,12.7,11.7	Cyg	Sep AB:17, Sep AC:56	
HD 204131	9882	50817	21	24.9	49.3	6.6,12.6	Cyg	Sep AB:20	
HD 206538 76 Cyg	5092	51189	21	41.6	40.8	6.1,10	Cyg	Sep AB:62	A0
HD 206673	5100	51214	21	42.6	42.5	7.5,10.9	Cyg	Sep AB:16	
HD 209515	5158	51595	22	2.9	44.6	5.6,8.1,10.5	Lac	Sep AB:.8, Sep AC:67	A0
HD 210405	10015	51698	22	9.3	44.8	6.7,9.7	Lac	Sep AB:27	
HD 211660	10045	51844	22	17.5	49.1	6.5,11	Lac	Sep AB:21	
HD 212120 2 Lac	5237	51904	22	21.0	46.5	4.6,10.8	Lac	Sep AB:28	B5
HD 212212	10055	51919	22	21.9	40.7	6.5,13.2,10.4	Lac	Sep AB:22, Sep AC:22	
HD 213389 V350 Lac	10079	52073	22	30.1	49.4	6.4,10.6	Lac	Sep AB:66	
HD 215373 13 Lac	5320	52317	22	44.1	41.8	5.1,10.5	Lac	Sep AB:15	K0
HD 216608 Bur 382	5349	52465	22	53.7	44.7	5.8,10.7	Lac	Sep AB:28	A0
HD 216916 16 Lac; EN Lac	5361	52512	22	56.4	41.6	5.6,11.6,8.7	Lac	Sep AB:27, Sep AC:63	B3
HD 217811 LN And	10193	52626	23	2.8	44.1	6.4,9.6	And	Sep AB:7	
HD 218452 4 And	5398	52711	23	7.7	46.4	5.3,11.7	And	Sep AB:48	K5
HD 218739 KZ And	10226	52754	23	10.0	48.0	7.1,7.9	And	Sep AB:15	
HD 219734 8 And; Fox	5430	52871	23	17.7	49.0	5,10.3	And	Sep AB:219	M0
HD 219962	10254	52912	23	19.7	48.4	6.3,10,11.6	And	Sep AB:86, Sep AC:134	
HD 220105	5445	52927	23	20.7	44.1	6.3,9.6	And	Sep AB:13	A3
HD 222109	5486	53202	23	37.5	44.4	5.8,7,10.5	And	Sep AB:.5, Sep AC:116	B9

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 222107 16 And	5487	53204	23	37.6	46.5	3.8,10.5	And	Sep AB:218	K0
HD 222439 Kappa And; 19 And; H V 17	5499	53264	23	40.4	44.3	4.2,11.1,11.3	And	Sep AB:46, Sep AC:107	A0
HD 2767	94	53956	0	31.4	33.6	5.9,9.3	And	Sep AB:56	K0
HD 3369 Pi And; 29 And; H V 17	115	54033	0	36.9	33.7	4.3,8.8,11.4	And	Sep AB:36, Sep AC:55	B3
HD 5448 Mu And; 37 And	189	54281	0	56.8	38.5	3.9,	And		A2
HD 6476 76 Psc	5745	54421	1	6.2	32.2	6.7,9.6,10.6	Psc	Sep AB:57, Sep AC:139	
HD 6860 Beta And; 43 And; Mirach, "the girdle"	225	54471	1	9.7	35.6	2.4,12.1,12.9	And	Sep AB:80, Sep AC:95	M0
HD 7215	5767	54514	1	12.9	32.1	7.8,6	Psc	Sep AB:20	
HD 7853	5787	54592	1	18.8	37.4	6.4,9.2	And	Sep AB:6	
HD 11749 56 And	357	55107	1	56.2	37.3	5.8,6.1	And	Sep AB:197	K0
HD 13295 59 And	5933	55331	2	10.9	39.0	6.1,6.8	And	Sep AB:16	
HD 13480 Iota Tri; 6 Tri; TZ Tri	408	55347	2	12.4	30.3	4.9,6.9	Tri	Sep AB:4	G0
HD 16004	6002	55680	2	35.5	39.7	6.4,10.6	And	Sep AB:16	
HD 16028	479	55684	2	35.6	37.3	5.7,10.3,11.5	Tri	Sep AB:18, Sep AC:23	K0
HD 16058	480	55687	2	35.8	34.7	5.6,6.8	Tri	Sep AB:141	Mb
HD 16327 Fox	6009	55729	2	38.3	37.7	6.2,11.2,10.4	And	Sep AB:8, Sep AC:21	
HD 17240	6030	55872	2	47.1	35.6	6.4,8.5	Per	Sep AB:1.4	
HD 17572 OS 46	6043	55920	2	50.0	30.5	6.7,10	Ari	Sep AB:5	
HD 17904 20 Per; Bur 524	549	55975	2	53.7	38.3	5.6,,10.1	Per		F0
HD 20193	6115	56293	3	15.8	32.9	6.3,12.8,12.5	Per	Sep AB:34, Sep AC:44	
HD 20995	660	56419	3	24.5	33.5	5.8,9.1	Per	Sep AB:4	A0
HD 22124 IX Per	6175	56559	3	35.0	32.0	6.7,10.6	Per	Sep AB:5	
HD 22951 40 Per	716	56646	3	42.4	34.0	5.9,5	Per	Sep AB:20	B2
HD 22963	6196	56650	3	42.5	32.9	6.8,11.2	Per	Sep AB:38	
HD 23625 h5457	6210	56709	3	47.9	33.6	6.6,9.2	Per	Sep AB:4	
HD 23922	6219	56735	3	50.2	34.8	6.8,11.4	Per	Sep AB:30	
HD 24534 x Per	784	56815	3	55.4	31.0	6.8,12	Per	Sep AB:23	B0p
HD 24760 Epsilon Per; 45 Per	793	56840	3	57.9	40.0	2.9,8.9	Per	Sep AB:9	B1
HD 27786 56 Per	905	57216	4	24.6	34.0	5.9,8.7	Per	Sep AB:4	F5
HD 28271	6326	57249	4	28.9	30.4	6.4,8.2,10.6,13.3	Tau	Sep AB:15, Sep AC:121	
HD 31647 Omega Aur; 4 Aur	1053	57548	4	59.3	37.9	5.1,8	Aur	Sep AB:6	A0
HD 31761 5 Aur	1057	57559	5	0.3	39.4	6.9,7	Aur	Sep AB:4	F5
HD 33203	6461	57704	5	10.3	37.3	6.7,10.4	Aur	Sep AB:1.5, Sep AC:73	
HD 33959 14 Aur; KW Aur	1122	57799	5	15.4	32.7	5.1,11.1,7.4	Aur	Sep AB:14, Sep AC:11	A2
HD 35186 Sigma Aur; 21 Aur	1169	57981	5	24.7	37.4	5.1,11.3,2	Aur	Sep AB:8, Sep AC:27	K5
HD 35295	6514	57999	5	25.2	34.9	6.6,8.4	Aur	Sep AB:32	
HD 35620 24 Aur	1187	58051	5	27.6	34.5	5.1,10.7,8.1	Aur	Sep AB:61, Sep AC:207	K0
HD 35681	6526	58065	5	28.0	33.8	6.4,8.8,10.1,10.1	Aur	Sep AB:97, Sep AC:103, Sep AD:109	
HD 36041	6542	58129	5	30.8	39.8	6.4,7.6	Aur	Sep AB:75	
HD 37269 26 Aur; Bur 1240; AD = Bur 90	1257	58280	5	38.6	30.5	6.8,11.5	Aur	Sep AB:12, Sep AC:33	A2
HD 38656 Tau Aur; H 21; 29 Aur	1305	58465	5	49.2	39.2	4.5,11.5,11.5	Aur	Sep AB:39, Sep AC:49	K0
HD 38819	6629	58484	5	49.9	31.8	6.9,8.1,10.5	Aur	Sep AB:4, Sep AC:207	
HD 39003 32 Aur; H V 90	1322	58502	5	51.5	39.1	4.9,3	Aur	Sep AB:54	K0
HD 40312 Theta Aur; 37 Aur	1362	58636	5	59.7	37.2	2.7,7.1	Aur	Sep AB:3	A0p
HD 41162	6697	58716	6	5.0	38.0	6.4,12.7,11.6	Aur	Sep AB:17, Sep AC:83	
HD 43017	6744	58905	6	15.7	36.1	6.9,7.5,11.4	Aur	Sep AB:11, Sep AC:202	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 46296	6853	59230	6	34.3	38.1	6.7,9,10	Aur	Sep AB:43, Sep AC:46	
HD 50019 34 Gem	1633	59570	6	52.8	34.0	3.6,12.6,12.7	Gem	Sep AB:79, Sep AC:102	A2
HD 50018 59 Aur; OX Aur	1635	59571	6	53.0	38.9	6.2,9.5,12.8	Aur	Sep AB:22, Sep AC:26	F2
HD 54159	7012	59824	7	9.4	36.6	6.7,10	Aur	Sep AB:6	
HD 54719 Tau Gem; 46 Gem	1724	59858	7	11.1	30.2	4.4,12.4	Gem	Sep AB:60	K0
HD 58946 Rho Gem; 62 Gem	1833	60118	7	29.1	31.8	4.2,,10.6	Gem		F0
HD 60178 Alpha Gem; Castor; 66 Gem; C = YY Gem	1865	60198	7	34.6	31.9	1.9,2.9,8.8	Gem	Sep AB:2.8, Sep AC:73	A0
HD 60318	1866	60204	7	35.1	31.0	5.3,,9.3	Gem		K0
HD 60986 70 Gem	1881	60243	7	38.5	35.0	5.6,10.6	Gem	Sep AB:160	G5
HD 67501	7276	60604	8	9.5	32.2	6.7,8	Cnc	Sep AB:3	
HD 67587	7279	60611	8	10.2	35.5	6.7,10.4	Lyn	Sep AB:51	
HD 75353	7462	61077	8	50.7	35.1	6.9,7.5	Lyn	Sep AB:4	
HD 75698 Sigma 1 Cnc; 51 Cnc	2240	61102	8	52.6	32.5	5.7,10	Cnc	Sep AB:79	A3
HD 75959 Iota Cnc; 57 Cnc	2249	61125	8	54.2	30.6	6.6,5.9.1	Cnc	Sep AB:1.7, Sep AC:55	K0
HD 76813 Sigma 3 Cnc; 64 Cnc; Sh 100	2275	61177	8	59.5	32.4	5.2,8.9	Cnc	Sep AB:89	G5
HD 77104 Sigma 4 Cnc; 66 Cnc	2280	61202	9	1.4	32.3	5.9,8,10.8	Cnc	Sep AB:4, Sep AC:187	A2
HD 80024	2355	61387	9	18.4	35.4	5.9,6.7	Lyn	Sep AB:1.8	A5
HD 80081 38 Lyn	2357	61391	9	18.8	36.8	3.9,6.6,10.8,10.7	Lyn	Sep AB:3, Sep AC:82, Sep AD:178	A2
HD 80441	2364	61411	9	21.0	38.2	6.1,6.7,11.4	Lyn	Sep AB:.,9, Sep AC:143	F2
HD 82087 7 LMi	2397	61529	9	30.7	33.7	6.1,9.4,9.8	LMi	Sep AB:63, Sep AC:98	K0
HD 91130 33 LMi	2605	62101	10	31.9	32.4	5.8,11.8	LMi	Sep AB:43	B9
HD 92620	7784	62206	10	42.2	31.7	6,10.3	LMi	Sep AB:113	
HD 95934	2707	62387	11	4.5	38.2	6,,7.4	UMa		A2
HD 98230 Xi UMa; 53 UMa; Alula Australis	2745	62484	11	18.2	31.5	3.8,3.8	UMa	Sep AB:1.7	G0
HD 98262 Nu UMa; 54 UMa; Alula Borealis	2746	62486	11	18.5	33.1	3.5,9.9	UMa	Sep AB:7	K0
HD 99787 57 Uma	2774	62572	11	29.1	39.3	5.3,7.7,11.5	UMa	Sep AB:5, Sep AC:217	A2
HD 101501	2823	62655	11	41.1	34.2	5.5,10.4	UMa	Sep AB:159	G5
HD 101606	2825	62658	11	41.6	31.7	5.7,10	UMa	Sep AB:54	F5
HD 102942	2854	62731	11	51.2	33.4	6.2,8.7	UMa	Sep AB:47	+++
HD 103928 Bur 918	7969	62774	11	58.1	32.3	6.4,8.7,10.5	UMa	Sep AB:1.6, Sep AC:122	
HD 112413 Alpha CVn; Cor Caroli; 12 CVn	3071	63257	12	56.0	38.3	2.9,5.5	CVn	Sep AB:19	A0p
HD 114376 15, 17 CVn	8128	63374	13	9.7	38.5	6.6,2	CVn	Sep AB:274	
HD 114723	8136	63396	13	12.0	32.1	6.7,7.7	CVn	Sep AB:3	
HD 118623 25 CVn	3195	63648	13	37.5	36.3	5.6,9.8.7	CVn	Sep AB:2.2, Sep AC:215	F0
HD 120164 OSS 125	3232	63739	13	47.0	38.5	5.5,8.9	CVn	Sep AB:71	K0
HD 127304	3364	64178	14	29.8	31.8	6.1,10.5	Boo	Sep AB:25	B9
HD 127665 Rho Boo; 25 Boo	3371	64202	14	31.8	30.4	3.6,11.3	Boo	Sep AB:42	K0
HD 128093	8373	64221	14	34.2	32.5	6.3,12.2	Boo	Sep AB:25	
HD 132029	3456	64408	14	56.0	32.3	6.1,10.4	Boo	Sep AB:5	A0
HD 135438	8464	64574	15	14.1	31.8	6.7,9	Boo	Sep AB:122	
HD 135722 Delta Boo; 49 Boo	3526	64589	15	15.5	33.3	3.5,7.8	Boo	Sep AB:105	K0
HD 137107 Eta CrB; 2 CrB	3563	64673	15	23.2	30.3	5.5,9	CrB	Sep AB:1	G0
HD 137391 Mu 1 Boo; 51 Boo; Alkalurops	3568	64686	15	24.5	37.4	4.3,6.7	Boo	Sep AB:108	F0
HD 137392 Mu 2 Boo; 51 Boo	8499	64687	15	24.5	37.3	6.5,7.6	Boo	Sep AB:2	
HD 139892 Zeta 2 CrB; 7 CrB	3629	64834	15	39.4	36.6	4.6,6	CrB	Sep AB:6	B8
HD 142091 11 CrB	3676	64948	15	51.2	35.7	4.8,11.5	CrB	Sep AB:135	K0

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 143761 Rho CrB; 15 CrB	3719	65024	16	1.0	33.3	5.4,8.7	CrB	Sep AB:90	F8
HD 143806	8582	65025	16	0.9	39.2	6.7,10.6	CrB	Sep AB:10	
HD 145802	8618	65129	16	11.7	33.3	6.4,10.3	CrB	Sep AB:5	
HD 146361 Sigma CrB; 17 CrB; TZ CrB	3780	65165	16	14.7	33.9	5.2,6.6,10.6,13.1	CrB	Sep AB:7, Sep AC:86, Sep AD:9	G0
HD 147677 19 CrB	3810	65254	16	22.1	30.9	4.9,12.1	CrB	Sep AB:185	K0
HD 147749 Nu 1 CrB; 20 CrB; H VI 18	3811	65257	16	22.4	33.8	5.2,5.4,11.1,10.2	CrB	Sep AB:364, Sep AC:69, Sep AD:102	M0
HD 147835 H V 38	8650	65262	16	22.9	32.3	6.3,8.8	CrB	Sep AB:35	
HD 150680 Zeta Her; 40 Her; Rutilicus	3880	65485	16	41.3	31.6	2.8,5.5	Her	Sep AB:1.1	G0
HD 152598	3925	65627	16	53.0	31.7	5.4,12.1	Her	Sep AB:71	F0
HD 155103	3977	65812	17	8.0	35.9	5.4,,11.4	Her		A5
HD 157214 Dorpat Obs 544	4026	65963	17	20.7	32.5	5.4,9.7	Her	Sep AB:230	G0
HD 157779 Rho Her; 75 Her	4041	66001	17	23.7	37.1	4.1,5.6	Her	Sep AB:4	A0
HD 157910	8841	66014	17	24.5	37.0	6.3,9.8,12	Her	Sep AB:33, Sep AC:47	
HD 160822	8897	66243	17	40.7	31.3	6.3,8.5	Her	Sep AB:115	
HD 161832	8918	66317	17	46.0	39.3	6.5,9.9	Her	Sep AB:8	
HD 162094	8925	66336	17	47.9	34.3	6.6,	Her		
HD 165908 99 Her	4212	66648	18	7.0	30.6	5.2,,10.7	Her		F8
HD 169646	9069	66936	18	24.0	38.7	6.4,12.9,11.5	Lyr	Sep AB:17, Sep AC:62	
HD 172044	4348	67164	18	36.6	33.5	5.4,10.6	Lyr	Sep AB:7	B8
HD 173087 Bos 2546	4364	67265	18	42.1	34.7	6.5,,8.4,11.4	Lyr		B5
HD 173582 Epsilon 1 Lyr; 4 Lyr	4375	67310	18	44.3	39.7	4.7,5.4	Lyr	Sep AB:2.3	A3
HD 173607 Epsilon 2 Lyr; SI 37; The Double Double	4376	67315	18	44.4	39.6	4.6,5.2	Lyr	Sep AB:2.3	A5
HD 173648 Zeta Lyr; 6 and 7 Lyr; AE = Bur 968	4377	67321	18	44.8	37.6	4.3,5.9,11.5	Lyr	Sep AB:44, Sep AC:62	A3
HD 174585 8 Lyr; H V 40	4406	67441	18	49.8	32.8	5.9,11.3,10.3	Lyr	Sep AB:35, Sep AC:59	B2
HD 174638 Beta Lyr; 10 Lyr; Bur 293; Sheliak	4408	67451	18	50.1	33.4	3.4,8.6,9.9,9.9	Lyr	Sep AB:46, Sep AC:67, Sep AD:86	+++
HD 175426 11 Lyr; H 3	4422	67537	18	53.7	37.0	5.6,9.2	Lyr	Sep AB:175	B3
HD 175588 Delta 2 Lyr; 12 Lyr; H 586	4427	67559	18	54.5	36.9	4.2,11.2	Lyr	Sep AB:86	Mb
HD 175635 OS 525	4433	67566	18	54.9	34.0	6,10.2,7.7	Lyr	Sep AB:1.7, Sep AC:45	G0
HD 176051	4448	67612	18	57.0	32.9	5.4,7.5,12.1	Lyr	Sep AB:1, Sep AC:55	G0
HD 178849	9274	67870	19	8.8	34.8	7.8,5	Lyr	Sep AB:14	
HD 180809 Theta Lyr; 21 Lyr	4534	68065	19	16.4	38.1	4.3,9.1,11	Lyr	Sep AB:100, Sep AC:100	K0
HD 185837 Doolittle (C)	4633	68654	19	39.8	34.0	6.1,,11.7	Cyg		A2
HD 186506	9437	68751	19	43.2	38.7	6.4,11.1	Cyg	Sep AB:25	
HD 186568	4648	68764	19	43.9	34.2	6,12.5,11.5	Cyg	Sep AB:15, Sep AC:34	A0
HD 186901	9448	68805	19	45.7	36.1	6.4,7.2,11.4,9	Cyg	Sep AB:15, Sep AC:46, Sep AD:143	
HD 186927 H V 137; Bottger	9449	68810	19	45.9	35.0	6.1,8.5	Cyg	Sep AB:38	
HD 187013 17 Cyg	4657	68827	19	46.4	33.7	5.9,2.9	Cyg	Sep AB:25, Sep AC:114	F5
HD 187638	9464	68909	19	49.5	38.7	6.1,11,11.1	Cyg	Sep AB:12, Sep AC:23	
HD 187849 19 Cyg; V1509 Cyg	4669	68947	19	50.6	38.7	5.1,10	Cyg	Sep AB:55	M0
HD 188651	9489	69079	19	55.1	30.2	6.5,8.9,10.6	Cyg	Sep AB:9, Sep AC:16	
HD 189432	9502	69193	19	58.6	38.1	6.3,7.7	Cyg	Sep AB:2	
HD 189613	9509	69222	19	59.7	31.8	6.8,9.5	Cyg	Sep AB:.9	
HD 189864	9513	69252	20	0.7	36.6	6.7,8.8,11.1	Cyg	Sep AB:71, Sep AC:82	
HD 190429	9525	69324	20	3.5	36.0	6.6,7.8,9.1,11	Cyg	Sep AB:2, Sep AC:43, Sep AD:29	
HD 190603 V1768 Cyg	4751	69362	20	4.6	32.2	5.6,10.4	Cyg	Sep AB:31	B0
HD 191026 27 Cyg	4755	69413	20	6.4	36.0	5.5,9.5,11.6	Cyg	Sep AB:12, Sep AC:36	K0

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 192640 V1644 Cyg; Kuiper 98	4778	69678	20	14.5	36.8	5,6,6,10,10.2	Cyg	Sep AB:215, Sep AC:216	A0
HD 193702 A1427	9601	69856	20	20.3	39.4	6.2,9.3	Cyg	Sep AB:3	
HD 194206 Scheiner 1107 (C)	9615	69929	20	23.0	39.2	6.7,8.6,10.7	Cyg	Sep AB:43, Sep AC:23	
HD 195593 44 Cyg	9656	70135	20	31.0	36.9	6.2,11.2,12.2	Cyg	Sep AB:3, Sep AC:63	
HD 196606 48 Cyg	9690	70287	20	37.5	31.6	6.3,6.5	Cyg	Sep AB:181	
HD 197177 49 Cyg	4876	70362	20	41.0	32.3	5.7,7.8,11.8	Cyg	Sep AB:3, Sep AC:68	+++
HD 197226	9709	70367	20	41.0	39.1	6.5,10.5	Cyg	Sep AB:48	
HD 197912 52 Cyg	4893	70467	20	45.7	30.7	4.2,9.4	Cyg	Sep AB:6	K0
HD 198134 T Cyg	4901	70499	20	47.2	34.4	4.9,9.9,11.2	Cyg	Sep AB:10, Sep AC:14	K0
HD 198183 Lambda Cyg; 54 Cyg; OS 413	4902	70505	20	47.4	36.5	4.5,6.1,9.9	Cyg	Sep AB:1, Sep AC:85	B5
HD 200465 H IV 113	9791	70818	21	2.3	39.5	6.5,10.6,11.8	Cyg	Sep AB:19, Sep AC:26	
HD 201091 61 Cyg; The Flying Star	4980	70919	21	6.9	38.7	5.2,6.8,6.8,1	Cyg	Sep AB:30, Sep AC:305, Sep AD:306	K5
HD 201433 V389 Cyg	4984	70968	21	8.6	30.2	5.6,7.8	Cyg	Sep AB:3.6	A0
HD 201819	9824	71032	21	11.1	36.3	6.5,12.2	Cyg	Sep AB:22	
HD 202109 64 Cyg	4994	71070	21	12.9	30.2	3.2,11.6,11.3,12.6	Cyg	Sep AB:67, Sep AC:91, Sep AD:103	K0
HD 202444 Tau Cyg; 65 Cyg	5002	71121	21	14.8	38.0	3.7,6.4,13.3	Cyg	Sep AB:1, Sep AC:30	F0
HD 202904 Mu Cyg; 66 Cyg; OS 433	5011	71173	21	17.9	34.9	4.4,10,10	Cyg	Sep AB:15, Sep AC:22	B3p
HD 203112	9852	71195	21	19.0	39.7	6.7,9.9	Cyg	Sep AB:25	
HD 203358	9859	71230	21	20.8	32.5	6.5,6.9,10.5	Cyg	Sep AB:2, Sep AC:82	
HD 203857	9872	71280	21	23.8	37.4	6.5,6.6	Cyg	Sep AB:363	
HD 204172 69 Cyg	5042	71329	21	25.8	36.7	5.9,10.3,9	Cyg	Sep AB:34, Sep AC:52	B0
HD 206774 79 Cyg; Kuiper 109	5106	71643	21	43.4	38.3	5.6,6.9,11	Cyg	Sep AB:1.5, Sep AC:151	A0
HD 209693	9997	71998	22	4.6	32.9	6.4,11.1	Peg	Sep AB:21	
HD 210354 27 Peg	5186	72064	22	9.2	33.2	5.6,11.9,11.2	Peg	Sep AB:27, Sep AC:70	K0
HD 211073	5213	72155	22	13.9	39.7	4.5,10.5	Lac	Sep AB:30	K2
HD 211797	5232	72228	22	18.9	37.8	6.2,8.8,13,9.5	Lac	Sep AB:16, Sep AC:44, Sep AD:222	F0
HD 214168 8 Lac; A1469	5290	72509	22	35.9	39.6	5.7,6.5,10.5,11	Lac	Sep AB:23, Sep AC:48	B3p
HD 214652	10110	72569	22	39.1	37.4	6.8,11	Lac	Sep AB:15	
HD 214680 10 Lac	5301	72575	22	39.3	39.1	4.9,8.4	Lac	Sep AB:62	Oe5
HD 214714	5302	72581	22	39.6	37.6	6,12.9	Lac	Sep AB:20	G5
HD 214993 12 Lac; DD Lac	5311	72627	22	41.5	40.2	5.2,9.2	Lac	Sep AB:69	B2
HD 215359 OS 478; AC=Bur 450	5319	72675	22	44.1	39.5	5.9,8.3,11.6	Lac	Sep AB:3, Sep AC:10	K5
HD 216831	5358	72851	22	55.7	36.4	5.7,9	Lac	Sep AB:51	B9
HD 217477	10175	72924	23	0.7	31.1	6.6,9.1	Peg	Sep AB:3	
HD 218395	10216	73010	23	7.5	32.8	6.1,7.5	Peg	Sep AB:8	
HD 220117	5447	73190	23	20.9	38.2	5.8,9.2	And	Sep AB:121	F5
HD 221776	10308	73351	23	34.8	38.0	6.2,11.7	And	Sep AB:20	
HD 222399	10325	73422	23	40.0	37.7	6.5,10.5	And	Sep AB:15	
HD 223971	10364	73597	23	54.1	39.3	6.6,11.3,9.1	And	Sep AB:93, Sep AC:102	
HD 224492	10379	73640	23	58.4	35.0	6.7,9.3	And	Sep AB:4	
HD 224635	5559	73656	23	59.5	33.7	5.8,6.6,12.9	And	Sep AB:1.8, Sep AC:81	F8
HD 225276 Fox	5578	73731	0	4.9	26.6	6.2,10.7	Peg	Sep AB:23	
HD 358 H V 32; Alpheratz, "the horse's navel"	28	73765	0	8.4	29.1	2.1,11.3	And	Sep AB:86	A0p
HD 895	5605	73823	0	13.4	27.0	6.2,8.3,9.1	Peg	Sep AB:., Sep AC:18	
HD 2628 28 And; GN And	88	74041	0	30.1	29.8	5.3,11.4	And	Sep AB:139	F0
HD 2942	5662	74090	0	32.8	28.3	6.3,11.3,12.3	And	Sep AB:9, Sep AC:60	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 3690 55 Psc	124	74182	0	39.9	21.4	5.4,8.7	Psc	Sep AB:7	K0
HD 4758 65 Psc	5696	74296	0	49.9	27.7	6.3,6.3	Psc	Sep AB:5	
HD 5286 36 And; Fox	181	74359	0	55.0	23.6	6.6,7	And	Sep AB:.8	K0
HD 5516 Fox	191	74388	0	57.2	23.4	4.4,11.5	And	Sep AB:133	G5
HD 6456 Psi 1 Psc; 74 Psc	209	74482	1	5.7	21.5	5.3,5.6,11.2	Psc	Sep AB:30, Sep AC:94	A2
HD 7229	5768	74561	1	13.0	30.1	6.2,10,12	Psc	Sep AB:11, Sep AC:114	
HD 7318 Phi Psc; 85 Psc	240	74571	1	13.7	24.6	4.7,10.1,13	Psc	Sep AB:8, Sep AC:144	K0
HD 10308	5859	74870	1	41.3	25.7	6.2,10.8,11	Psc	Sep AB:11, Sep AC:82	
HD 11154 1 Ari	5879	74966	1	50.1	22.3	5.8,7.4	Ari	Sep AB:3	
HD 11973 Lambda Ari; 9 Ari; H V 12	363	75051	1	57.9	23.6	4.8,7.3	Ari	Sep AB:38	A5
HD 13174 14 Ari; H VI 69	401	75171	2	9.4	25.9	5.1,8.7,7.7	Ari	Sep AB:93, Sep AC:106	F0
HD 14082	5954	75265	2	17.4	28.7	7.7,8	Tri	Sep AB:14	
HD 14252 10 Tri	433	75276	2	19.0	28.6	5.3,11.3	Tri	Sep AB:14	A2
HD 15524 UU Ari	465	75407	2	30.5	25.2	5.9,9.9	Ari	Sep AB:12	F5
HD 16246 30 Ari	489	75471	2	37.0	24.6	6.6,7.4	Ari	Sep AB:38	F6
HD 16246 30 Ari	6005	75471	2	37.0	24.6	6.6,7.4	Ari	Sep AB:38	
HD 16628 33 Ari	503	75510	2	40.7	27.1	5.5,8.4	Ari	Sep AB:29	A2
HD 16955	6025	75539	2	43.9	25.6	6.4,11,12.1	Ari	Sep AB:3.2, Sep AC:50	
HD 18519 Epsilon Ari; 48 Ari	570	75673	2	59.2	21.3	4.6,5.5	Ari	Sep AB:1.5	A2
HD 19134 52 Ari	593	75723	3	5.4	25.3	6.9,10.8	Ari	Sep AB:5	B8
HD 21467 66 Ari	670	75945	3	28.4	22.8	6.1,12.5	Ari	Sep AB:148	G5
HD 21743	6157	75970	3	31.3	27.6	6.6,7	Tau	Sep AB:11	
HD 23245	6200	76122	3	44.6	27.9	6.8,6.9	Tau	Sep AB:127	
HD 23338 19 Tau; Taygeta; the mother of Lacedaemon	733	76140	3	45.2	24.5	4.4,8.1	Tau	Sep AB:69	B5
HD 23630 Eta Tau; 25 Tau; Alcyone; the mother of Hyrie	747	76199	3	47.5	24.1	3.8,1.8,1.8,7	Tau	Sep AB:117, Sep AC:181, Sep AD:191	B5p
HD 23873	6215	76236	3	49.4	24.4	6.6,7.5	Tau	Sep AB:87	
HD 23964	6217	76251	3	50.0	23.8	6.7,9.8,9	Tau	Sep AB:3, Sep AC:10	
HD 25555 36 Tau	813	76425	4	4.4	24.1	5.7,12.2	Tau	Sep AB:26	+++
HD 27638 Chi Tau; 59 Tau	893	76573	4	22.6	25.6	5.4,7.6	Tau	Sep AB:19	B9
HD 27778 62 Tau	6312	76591	4	24.0	24.3	6.2,8.6	Tau	Sep AB:30	
HD 27934 Kappa 1 Tau; 65 Tau	908	76601	4	25.4	22.3	4.2,5.3,12.2,11.9	Tau	Sep AB:339, Sep AC:107, Sep AD:141	A3
HD 28929	954	76654	4	34.6	29.0	5.9,10.3,11.7	Tau	Sep AB:25, Sep AC:50	B9
HD 29364	6362	76682	4	38.5	26.9	6.6,7.3	Tau	Sep AB:4	
HD 29646	980	76707	4	41.3	28.6	5.7,10.6	Tau	Sep AB:44	A0
HD 29763 Tau Tau; 94 Tau; OSS 54; Hough 642	984	76721	4	42.2	23.0	4.3,,7.1	Tau		B5
HD 31592	1049	76862	4	58.2	25.1	5.6,9.9	Tau	Sep AB:95	B9
HD 31806	6413	76880	4	59.9	27.3	7.9,1	Tau	Sep AB:21	
HD 32991 105 Tau	1095	76972	5	7.9	21.7	6.1,9.1	Tau	Sep AB:112	B3p
HD 32990 BC = H V 114; Edgecombe	1096	76974	5	8.1	24.3	5.5,12,8.6	Tau	Sep AB:14, Sep AC:35	B3
HD 33185	6457	76989	5	9.7	29.8	6.7,8.5	Aur	Sep AB:69	
HD 33204 Bur 1047	1102	76990	5	9.8	28.0	6.8,6	Tau	Sep AB:12	A3
HD 34579	6488	77098	5	19.2	20.1	6.1,10	Tau	Sep AB:9	
HD 35708 114 Tau	1186	77184	5	27.6	21.9	4.9,11,10.5,11.7	Tau	Sep AB:38, Sep AC:59, Sep AD:74	B3
HD 35943 118 Tau; STF 719?	1192	77201	5	29.3	25.2	5.8,6.6,11.6	Tau	Sep AB:5, Sep AC:141	A0
HD 37013	6570	77313	5	36.4	22.0	7.7,8	Tau	Sep AB:3.8	
HD 37098 Worley	1247	77322	5	37.1	26.9	5.8,6.5	Tau	Sep AB:1	B8

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 38670	1301	77578	5	48.4	20.9	6,8,3	Tau	Sep AB:75	B9
HD 42995 Eta Gem; 7 Gem; Propus	1434	78135	6	14.9	22.5	3,3,8,8	Gem	Sep AB:1.6	M0
HD 43261 Franks	1447	78168	6	16.3	24.0	7,7,5	Aur	Sep AB:117	G5
HD 44478 Mu Gem; 13 Gem; Tejat	1481	78297	6	23.0	22.5	2,9,9,8	Gem	Sep AB:122	M0
HD 45542 Nu Gem; 18 Gem; Bur 1192	1515	78423	6	29.0	20.2	4,1,12,6,8,7	Gem	Sep AB:56, Sep AC:113	B5
HD 47176	6874	78572	6	38.3	24.5	6,8,11,9,9,3	Gem	Sep AB:13, Sep AC:47	
HD 47731 25 Gem	6888	78636	6	41.3	28.2	6,4,11,6,10,3	Gem	Sep AB:31, Sep AC:56	
HD 48329 Epsilon Gem; 27 Gem; Mebsuta	1585	78682	6	43.9	25.1	3,1,9,6	Gem	Sep AB:112	G5
HD 55130 AC = OS 166	7025	79170	7	12.8	27.2	6,5,7,2	Gem	Sep AB:1	
HD 56986 Delta Gem; 55 Gem; Wasat, "the middle"	1784	79294	7	20.1	22.0	3,5,8,2	Gem	Sep AB:6	F0
HD 58728 63 Gem	1824	79403	7	27.7	21.4	5,2,9,4,10,4	Gem	Sep AB:43, Sep AC:146	F5
HD 59878	7105	79489	7	32.8	22.9	6,5,8,8	Gem	Sep AB:12	
HD 62044 75 Gem	1912	79638	7	43.3	28.9	4,2,10,8	Gem	Sep AB:182	K0
HD 62345 Kappa Gem; 77 Gem	1919	79653	7	44.4	24.4	3,6,8,1	Gem	Sep AB:7	G5
HD 65757	7236	79864	8	1.0	23.6	6,3,10,9	Cnc	Sep AB:2	
HD 65856 H VI 75; Omega 2 Cnc	7238	79869	8	1.7	25.1	6,2,11	Cnc	Sep AB:46	
HD 66216 22 Gem; Espin	2017	79896	8	3.5	27.8	5,12,11	Gem	Sep AB:60, Sep AC:79	K0
HD 66684	7259	79928	8	5.6	27.5	6,2,7,5	Cnc	Sep AB:4	
HD 71093 Phi 1 Cnc; 22 Cnc	2122	80181	8	26.5	27.9	5,6,10,5	Cnc	Sep AB:131	K2
HD 71150 Phi 2 Cnc; 23 Cnc	7354	80187	8	26.8	26.9	6,3,6,3	Cnc	Sep AB:5	
HD 74198 43 Cnc; Asella Borealis	2198	80378	8	43.3	21.5	4,7,8,7	Cnc	Sep AB:113	A0
HD 74739 Iota Cnc; 48 Cnc	2216	80416	8	46.7	28.8	4,6,6	Cnc	Sep AB:31	G5
HD 75732 Rho 1 Cnc; 53 Cnc; BO Cnc	2241	80478	8	52.6	28.3	6,9,7	Cnc	Sep AB:46	K0
HD 77190 67 Cnc	2282	80585	9	1.8	27.9	6,1,8,9	Cnc	Sep AB:102	A5
HD 78418	2302	80659	9	8.8	26.6	6,9,1	Cnc	Sep AB:12	G5
HD 81146 Kappa Leo; 1 Leo	2376	80807	9	24.7	26.2	4,5,10,3,10,5	Leo	Sep AB:2, Sep AC:51	K0
HD 82523	7588	80900	9	33.3	28.4	6,5,10,4	Leo	Sep AB:31	
HD 89025 Zeta Leo; 36 Leo; Adhafera	2548	81265	10	16.7	23.4	2,4,6	Leo	Sep AB:333	F0
HD 89125 39 Leo	2552	81270	10	17.2	23.1	5,8,11,4	Leo	Sep AB:8	F5
HD 89484 Gamma Leo; 41 Leo; Algeiba	2560	81298	10	20.0	19.8	2,3,5,9,6,9,6	Leo	Sep AB:4, Sep AC:316, Sep AD:361	K0
HD 92769 40 LMi	2641	81485	10	43.0	26.3	5,6,12,6	LMi	Sep AB:18	A2
HD 94601 54 Leo	2683	81583	10	55.6	24.7	4,5,6,3	Leo	Sep AB:6	A0
HD 97603 Delta Leo; 68 Leo; Zosma, "the girdle"	2737	81727	11	14.1	20.5	2,6,10,9,10,9	Leo	Sep AB:95, Sep AC:201	A3
HD 100808	2805	81893	11	36.3	27.8	5,8,10,1	Leo	Sep AB:21	A3
HD 101980	7937	81960	11	44.2	25.2	6,10,4	Leo	Sep AB:37	
HD 102509 93 Leo; DQ Leo	2841	81998	11	48.0	20.2	4,5,9,6	Leo	Sep AB:74	F8
HD 104827 Zeta Com; 2 Com	2879	82123	12	4.3	21.5	6,7,4	Com	Sep AB:4	F0
HD 106887	2919	82219	12	17.5	28.9	5,7,9,8	Com	Sep AB:8	A0
HD 107700 12 Com	2943	82273	12	22.5	25.8	4,8,8,5	Com		F5
HD 108007	8035	82293	12	24.4	25.6	6,4,7,8,11,4	Com	Sep AB:1.7, Sep AC:91	
HD 108662 17 Com; AI Com; Bur 1080	2968	82330	12	28.9	25.9	5,4,6,7	Com	Sep AB:145	A0p
HD 109996	8069	82420	12	39.0	22.7	6,4,12,5	Com	Sep AB:33	
HD 112033 35 Com	3054	82550	12	53.3	21.2	5,1,7,2,9,1	Com	Sep AB:1, Sep AC:29	K0
HD 113865	8123	82648	13	6.2	29.0	6,5,12,15	Com	Sep AB:6	
HD 114520	8133	82692	13	10.9	21.2	6,8,10,7	Com	Sep AB:11	
HD 115365	8151	82751	13	16.5	19.8	6,5,8,2	Com	Sep AB:3	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 119055 1 Boo	3205	82942	13	40.7	20.0	5.8,8.7	Boo	Sep AB:5	A2
HD 125040	8317	83259	14	16.5	20.1	6.3,8.2	Boo	Sep AB:4	
HD 128167 28 Boo	3381	83416	14	34.7	29.7	4.5,9.8,11.3	Boo	Sep AB:237, Sep AC:237	F0
HD 129988 Epsilon Boo; 36 Boo; Mirak, "girdle", Izar	3413	83500	14	45.0	27.1	2.4,5.1,12	Boo	Sep AB:3, Sep AC:177	K0
HD 130603	8408	83535	14	48.4	24.4	6.2,7.7	Boo	Sep AB:2	
HD 130917	3436	83551	14	50.0	28.6	5.8,10.6	Boo	Sep AB:111	A2
HD 134083	3500	83671	15	7.3	24.9	5,10.8,9.9	Boo	Sep AB:107, Sep AC:244	F0
HD 134335	3505	83685	15	8.6	25.1	5.8,11.9	Boo	Sep AB:57	K0
HD 136176	8482	83756	15	18.3	26.8	6.6,7.4	CrB	Sep AB:1.4	
HD 136512 1 CrB	3545	83768	15	20.1	29.6	5.6,10.3	CrB	Sep AB:147	K0
HD 143107 Epsilon CrB; 13 CrB	3705	84098	15	57.6	26.9	4.1,11.5	CrB	Sep AB:101	K0
HD 145976	8623	84247	16	12.8	26.7	6.5,10	CrB	Sep AB:2	
HD 146738 Upsilon CrB; 18 CrB	3788	84281	16	16.7	29.2	5.8,11.7,12.7,11.7	CrB	Sep AB:54, Sep AC:87, Sep AD:123	A0
HD 148554	8661	84393	16	27.9	26.0	6.9,8.1	Her	Sep AB:1	
HD 152380	8722	84655	16	51.8	28.7	6.6,8.2	Her	Sep AB:1.4	
HD 152863 56 Her	8735	84692	16	55.0	25.7	6.1,10.6	Her	Sep AB:18	
HD 157198 70 Her	4028	85021	17	20.9	24.5	5.1,8.6,11.8	Her	Sep AB:221, Sep AC:239	A0
HD 158067	8852	85080	17	26.0	26.9	6.4,12.6,11.9	Her	Sep AB:49, Sep AC:52	
HD 159834	4095	85232	17	36.0	21.0	6.1,9.3	Her	Sep AB:10	A2
HD 160835	8898	85310	17	41.1	24.5	6.1,9.2,9.2	Her	Sep AB:16, Sep AC:168	
HD 161797 Mu Her; 86 Her; AD = AC 7	4130	85397	17	46.5	27.7	3.4,10.1	Her		G5
HD 162485	8935	85459	17	50.2	25.3	6.6,8.3	Her	Sep AB:6	
HD 164669 95 Her	4191	85648	18	1.5	21.6	5.5,1	Her	Sep AB:6	A3
HD 166046 100 Her	4218	85752	18	7.8	26.1	5.9,6.11	Her	Sep AB:15, Sep AC:80	A3
HD 166182 AGC 8	4223	85769	18	8.8	20.8	4.4,11.9	Her	Sep AB:23	B3
HD 168795	9055	85950	18	20.6	22.8	6.8,10.1	Her	Sep AB:5	
HD 169414	4289	86003	18	23.7	21.8	3.9,10.4	Her	Sep AB:222	K0
HD 169490	9071	86007	18	24.1	20.5	6.8,12.8	Her	Sep AB:39	
HD 170111	9082	86060	18	26.7	26.4	6.5,12.7,8.7	Her	Sep AB:6, Sep AC:62	
HD 171948	9122	86239	18	36.6	22.1	6.8,11.7	Her	Sep AB:20	
HD 173667 110 Her	4385	86406	18	45.7	20.5	4.2,12.9,10.9	Her	Sep AB:48, Sep AC:70	F5
HD 175492 113 Her	4429	86567	18	54.7	22.6	4.5,11.11	Her	Sep AB:35, Sep AC:38	+++
HD 180553	9304	87005	19	16.0	27.5	6.5,7.1,8.6	Lyr	Sep AB:1, Sep AC:47	
HD 180554 1 Vul	4532	87010	19	16.2	21.4	4.6,11.6,12.8	Vul	Sep AB:39, Sep AC:44	B5
HD 182807	9347	87190	19	25.4	24.9	6.2,10.6,10.6,12.5	Vul	Sep AB:40, Sep AC:68, Sep AD:88	
HD 183439 Alpha Vul; 6 Vul	4589	87261	19	28.7	24.7	4.6,5.8	Vul	Sep AB:14	M0
HD 183912 Beta Cyg; 6 Cyg; Albireo	4597	87301	19	30.7	28.0	3.1,5.1	Cyg	Sep AB:35	+++
HD 190004 16 Vul	4739	88098	20	2.0	24.9	5.8,6.2	Vul	Sep AB:8	F0
HD 192685	4779	88410	20	15.3	25.6	4.8,9.7	Vul	Sep AB:116	B3
HD 193094	9588	88473	20	17.5	29.1	6.2,10.7	Cyg	Sep AB:6	
HD 195479	4839	88783	20	31.0	20.6	6,10	Del	Sep AB:52	A2
HD 203803	5033	89678	21	24.0	24.3	5.7,12.3	Vul	Sep AB:54	F0
HD 204585	9892	89737	21	29.0	22.2	5.8,8.7,10.2	Peg	Sep AB:41, Sep AC:41	
HD 204724 2 Peg	5060	89752	21	29.9	23.6	4.6,11.6	Peg	Sep AB:30	K5
HD 206827 Mu 2 Cyg; 78 Cyg	5109	89939	21	44.1	28.7	4.5,6.1,11.5,6.9	Cyg	Sep AB:2, Sep AC:50, Sep AD:11	F5
HD 211153	10040	90349	22	14.8	22.5	6.6,11.2	Peg	Sep AB:23	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 212097 32 Peg	5238	90440	22	21.3	28.3	4.8,9.1,11.8,11.8	Peg	Sep AB:73, Sep AC:42, Sep AD:60	B8
HD 212395 33 Peg	5247	90462	22	23.7	20.8	6.2,,8.9	Peg		F5
HD 215182 Eta Peg; 44 Peg; Matar, "the fortunate rain"	5316	90734	22	43.0	30.2	2.9,9.5	Peg	Sep AB:93	G0
HD 216285	10143	90833	22	51.4	26.4	6.9,9.2	Peg		
HD 217906 Beta Peg; 53 Peg; Scheat, "the upper arm"	5381	90981	23	3.8	28.1	2.4,11.4,9.4	Peg	Sep AB:121, Sep AC:242	M0
HD 218381	10215	91021	23	7.4	20.6	6.7,10.4	Peg	Sep AB:14	
HD 218935	10228	91080	23	11.8	26.8	6.4,11.3,9.7	Peg	Sep AB:83, Sep AC:232	
HD 219291	10234	91111	23	14.4	29.8	6.4,10.8	Peg	Sep AB:35	
HD 220334	10267	91222	23	22.8	20.6	6.6,9.6,8.9	Peg	Sep AB:6, Sep AC:88	
HD 224083	10366	91574	23	54.9	29.5	6.8,8.3	Peg	Sep AB:112	
HD 224930 85 Peg	8	91669	0	2.2	27.1	5.8,8.6	Peg	Sep AB:7	G0
HD 560 34 Psc	34	91750	0	10.0	11.1	5.5,9.4	Psc	Sep AB:8	B8
HD 886 88 Peg; Algenib, "the wing or side"	43	91781	0	13.2	15.2	2.8,11.8	Peg	Sep AB:163	B2
HD 2358	5644	91903	0	27.5	16.0	6.4,10.2,9.6	Psc	Sep AB:103, Sep AC:276	
HD 6397 72 Psc	208	92230	1	5.1	14.9	5.7,12.7	Psc	Sep AB:55	F2
HD 11502 Gamma Ari; 5 Ari; (AC = Bur 512); Mesarthim	345	92680	1	53.5	19.3	4.8,4.8,9.6	Ari	Sep AB:7, Sep AC:221	A0p
HD 16811 Mu Ari; 34 Ari	509	93062	2	42.4	20.0	5.7,12.2	Ari	Sep AB:19	A0
HD 17543 Pi Ari; 42 Ari	533	93127	2	49.3	17.5	5.3,8.7,10.8	Ari	Sep AB:3, Sep AC:25	B5
HD 22695	6187	93536	3	39.4	16.5	6.2,13.2	Tau	Sep AB:37	
HD 23793 30 Tau	751	93611	3	48.3	11.1	5.1,10.2	Tau	Sep AB:9	B3
HD 26015	824	93775	4	7.7	15.2	6.8,8	Tau	Sep AB:4	F0
HD 26038	825	93777	4	8.0	17.3	6.2,9.1	Tau	Sep AB:4	K0
HD 27962 68 Tau; Kuiper 17; AC = H VI 101; V776 Tau	910	93923	4	25.5	17.9	4.2,7.5,8.7	Tau	Sep AB:1.4, Sep AC:77	A2
HD 28150	6321	93942	4	27.1	18.2	6.9,8.7	Tau	Sep AB:19	
HD 28319 Theta 2 Tau; 78 Tau	929	93957	4	28.7	15.9	3.4,3.8	Tau	Sep AB:337	F0
HD 28485 80 Tau	933	93970	4	30.1	15.6	5.7,8	Tau	Sep AB:1.6	F0
HD 28527	934	93975	4	30.6	16.2	4.8,6.7	Tau	Sep AB:250	A5
HD 28867	6343	94002	4	33.5	18.0	6.2,7	Tau	Sep AB:3	
HD 29140 88 Tau; d Tau	956	94026	4	35.7	10.2	4.3,8.4	Tau	Sep AB:69	A3
HD 29139 Alpha Tau; 87 Tau; Aldebaran, "the follower"	957	94027	4	35.9	16.5	0.9,13.3	Tau	Sep AB:31	K5
HD 29488 Sigma 2 Tau; 92 Tau	972	94054	4	39.3	15.9	4.7,5.2	Tau	Sep AB:434	A3
HD 30605 96 Tau; Bur 551	6387	94151	4	49.7	15.9	6.1,11.1	Tau	Sep AB:29	
HD 30780 V480 Tau	1017	94164	4	51.4	18.8	5.1,10.4	Tau	Sep AB:176	F0
HD 31295 7 Ori	1034	94201	4	54.9	10.2	4.6,12.7,8.9	Ori	Sep AB:33, Sep AC:172	A0
HD 31421 Omicron 2 Ori; 9 Ori	1042	94218	4	56.4	13.5	4.1,11.3,11.6	Ori	Sep AB:32, Sep AC:100	K0
HD 31764 OSS 58z	1051	94240	4	59.0	14.5	6.1,7.6,9.6,10.4	Ori	Sep AB:39, Sep AC:54	B8
HD 32642	6438	94306	5	5.5	19.8	6.5,7.5	Tau	Sep AB:1	
HD 35296 111 Tau	1164	94526	5	24.4	17.4	5.8,8	Tau	Sep AB:86	G0
HD 35671 115 Tauz	1183	94554	5	27.2	18.0	5.4,10.2,11.9	Tau	Sep AB:10, Sep AC:10	B3
HD 36408	1210	94630	5	32.2	17.1	6.6,5	Tau	Sep AB:10	B9
HD 36881	1229	94671	5	35.2	10.2	5.6,9.8	Ori	Sep AB:2.9	B8
HD 37603	6586	94746	5	40.3	15.4	7.8,3	Ori	Sep AB:10	
HD 38622 133 Tau	1298	94864	5	47.7	13.9	5.2,,11.5	Tau		B5
HD 38672 A. G.	6627	94868	5	48.0	12.4	6.6,9.2,12	Ori	Sep AB:77, Sep AC:28	
HD 38899	1306	94888	5	49.5	12.7	4.9,10.3	Tau	Sep AB:19	B9
HD 39662	6652	94979	5	54.5	11.8	6.6,10.9	Ori	Sep AB:23	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 42509 H VI 72	1425	95359	6	12.0	19.8	5.8,9.3	Ori	Sep AB:88	B9
HD 43042 71 Ori	1432	95432	6	14.8	19.2	5.2,11.2,10.5,10	Ori	Sep AB:25, Sep AC:76, Sep AD:86	F5
HD 45180	6811	95684	6	26.6	15.5	6.9,9.4	Gem	Sep AB:3	
HD 45995	1524	95766	6	31.2	11.3	6.2,9.1	Mon	Sep AB:15	B0
HD 47105 24 Gem; H V 71; Alhena	1559	95912	6	37.7	16.4	1.9,11.2,10.9	Gem	Sep AB:136, Sep AC:144	A0
HD 48433 30 Gem	1586	96051	6	44.0	13.2	4.5,11	Gem	Sep AB:27	K0
HD 50635 38 Gem	1647	96265	6	54.6	13.2	4.7,7.7,10.3	Gem	Sep AB:7, Sep AC:112	F0
HD 55383 AB = H VI 74; BQ Gem	1738	96638	7	13.4	16.2	5.3,10.5,10.5	Gem	Sep AB:149, Sep AC:221	M3
HD 56537 Lambda Gem; 54 Gem	1773	96746	7	18.1	16.5	3.6,10.7	Gem	Sep AB:10	A2
HD 62407	7165	97199	7	44.2	12.9	6.4,10.9	CMi	Sep AB:12	
Tegman	2055	97645	8	12.2	17.6	5.1	Cnc		G0
HD 68255 Zeta Cnc; 16 Cnc; Tegmeni, "in the shell"	2056	97646	8	12.2	17.6	4.7,6.6,2.9,7	Cnc	Sep AB:8, Sep AC:6, Sep AD:288	G0
HD 72094 Theta Cnc; 31 Cnc	2141	97881	8	31.6	18.1	5.3,10	Cnc	Sep AB:63	M0
HD 73710 CD = South 572	7429	98021	8	40.4	19.7	6.4,9.8,8.6,8.9	Cnc	Sep AB:20, Sep AC:63, Sep AD:83	
HD 73731 Epsilon Cnc; 41 Cnc	7430	98024	8	40.5	19.5	6.3,7.4	Cnc	Sep AB:135	
HD 76756 Alpha Cnc; 65 Cnc; Acubens, "the claws"	2270	98267	8	58.5	11.9	4.3,11.8	Cnc	Sep AB:11	A3
HD 79096 81 Cnc; Finsen 347	7522	98427	9	12.3	15.0	6.5,7.5	Cnc	Sep AB:222	
HD 83023 H V 58	7598	98662	9	35.9	14.4	6.2,10	Leo	Sep AB:42	
HD 83808 Omicron Leo; 14 Leo; H VI 76	2445	98709	9	41.2	9.9	3.5,9.9	Leo	Sep AB:94	+++
HD 84194 16 Leo	2455	98733	9	43.7	14.0	5.4,10.9	Leo	Sep AB:282	M0
HD 87901 Alpha Leo; 32 Leo; Regulus, "little king"	2521	98967	10	8.4	12.0	1.4,7.7,8.5	Leo	Sep AB:175, Sep AC:81	B8
HD 88987	7705	99032	10	16.3	17.7	6.6,7.5	Leo	Sep AB:1.4	
HD 90569 45 Leo; CX Leo	2585	99136	10	27.6	9.8	6,11	Leo	Sep AB:37	A0
HD 96003	7840	99428	11	4.6	12.7	6.9,12.4	Leo	Sep AB:61	
HD 99028 Iota Leo; 78 Leo	2758	99587	11	23.9	10.5	4.6,7	Leo	Sep AB:1.7	F5
HD 99285 81 Leo	2766	99601	11	25.6	16.5	5.6,9.2	Leo	Sep AB:56	F2
HD 100180 88 Leo	2783	99648	11	31.7	14.4	6.4,8.4	Leo	Sep AB:8	G0
HD 100600 90 Leo	2797	99673	11	34.7	16.8	6.7,3.8,7	Leo	Sep AB:3, Sep AC:63	B3
HD 102910 See	7948	99827	11	50.9	12.3	6.4,11.2	Leo	Sep AB:15	
HD 103152	7950	99840	11	52.8	15.4	6.8,10.1,11.5	Leo	Sep AB:39, Sep AC:91	
HD 109510 24 Com	8061	100159	12	35.1	18.4	5.2,6.7	Com	Sep AB:20	
24 Com	2994	100160	12	35.1	18.4	5.2	Com		K0
HD 110377 GG Vir; H VI 81	8072	100207	12	41.6	10.4	6.3,10.1	Vir	Sep AB:86	
HD 111164	3033	100260	12	47.2	12.0	6.1,9.3	Vir	Sep AB:139	A3
HD 111862 32 Com	8096	100309	12	52.2	17.1	6.3,6.9,8.9	Com	Sep AB:197, Sep AC:97	
HD 113022	3081	100366	13	0.6	18.4	6.1,9.5	Com	Sep AB:150	F5
HD 113226 47 Vir; Vindemiatrix, "the grape harvester"	3085	100384	13	2.2	11.0	2.9,13	Vir	Sep AB:249	K0
HD 114378 Alpha Com; 42 Com; Diadem	3107	100443	13	10.0	17.5	5.1,10.1	Com	Sep AB:90	F5
HD 115046	3123	100473	13	14.5	11.3	5.6,12	Vir	Sep AB:49	K5
HD 117176	3168	100582	13	28.4	13.8	5.2,8.8	Vir	Sep AB:86	G0
HD 118266	8199	100630	13	35.6	10.2	6.5,8.9	Vir	Sep AB:70	
HD 118889 Bur 612 (Aa)	3199	100654	13	39.6	10.7	5.5,11	Boo	Sep AB:125	F2
HD 120136 Tau Boo; 4 Boo	3233	100706	13	47.3	17.5	4.5,11.5	Boo	Sep AB:5	F5
HD 121370 Eta Boo; 8 Boo; Muphrid	3263	100766	13	54.7	18.4	2.7,8.8	Boo	Sep AB:111	G0
HD 124517	8303	100922	14	13.8	12.0	6.6,8.9	Boo	Sep AB:2	
HD 124679 15 Boo	3311	100934	14	14.8	10.1	5.4,8	Boo	Sep AB:1	G5

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 125451	3329	100975	14	19.3	13.0	5.3,10.2	Boo	Sep AB:156	F0
HD 126246 H III 20??	8343	101009	14	24.1	11.2	6.8,7.5	Boo	Sep AB:9	
HD 129174 Pi 1 Boo; 29 Boo	3397	101138	14	40.7	16.4	4.9,5.55,10	Boo	Sep AB:6, Sep AC:128	A0
HD 129246 Zeta Boo; 30 Boo; AC = H IV 104	3400	101145	14	41.1	13.7	3.8,4.6,10.9	Boo	Sep AB:1, Sep AC:103	A2
Xi Boo	3445	101250	14	51.4	19.1	4.6	Boo		G5
HD 131473	8417	101273	14	53.4	15.7	6.4,7.5	Boo	Sep AB:1.3	
HD 136160	8485	101480	15	18.7	10.4	7.1,8,12	Ser	Sep AB:13, Sep AC:162	
HD 138917 Delta Ser; 13 Ser	3600	101623	15	34.8	10.5	3.8,5.2	Ser	Sep AB:4	F0
HD 139862	8539	101673	15	40.2	12.1	6.2,10	Ser	Sep AB:15	
HD 141003 Beta Ser	3653	101725	15	46.2	15.4	3.7,9.9,10.7	Ser	Sep AB:30, Sep AC:201	A2
HD 142267	8562	101792	15	53.2	13.2	6.2,11.8	Ser	Sep AB:98	
HD 149632	8680	102259	16	35.4	17.1	6.4,7.3	Her	Sep AB:154	
HD 151862	3913	102410	16	49.6	13.3	5.9,9.6	Her	Sep AB:5	A0
HD 153882 H IV 122; V451 Her	8766	102536	17	1.6	14.9	6.3,10.2	Her	Sep AB:19	
HD 154228	3963	102564	17	3.7	13.6	5.9,6.1	Her	Sep AB:299	A0
HD 154301	8775	102571	17	3.9	19.7	6.4,11.3,10.9	Her	Sep AB:1.6, Sep AC:108	
HD 154494 H V 133	3972	102584	17	5.4	12.7	4.9,10.9	Her	Sep AB:59	A3
HD 156014 Alpha Her; 64 Her; Ras Algethi	3996	102680	17	14.6	14.4	3.5,5.4	Her		Mb
HD 159466 54 Oph	8877	102925	17	34.4	13.2	6.7,11.6	Oph	Sep AB:22	
HD 162734	8942	103161	17	52.0	15.3	6.4,7.1,12.9,9.9	Her	Sep AB:1, Sep AC:28, Sep AD:95	
HD 165910	9006	103406	18	7.8	13.1	6.6,10.3	Oph	Sep AB:42	
HD 166479	4229	103443	18	10.1	16.5	6.1,10.1	Her	Sep AB:1.2	+++
HD 171746	9118	103886	18	35.9	17.0	6.2,7.2	Her	Sep AB:1.6, Sep AC:201	
HD 174569	9184	104170	18	50.8	11.0	6.4,8.1	Aql	Sep AB:4	
HD 174897	9191	104203	18	52.3	14.5	6.6,9.4	Her	Sep AB:14	
HD 176155 FF Aql	4454	104296	18	58.2	17.4	5.3,11.1	Aql	Sep AB:7	F5
HD 176411 13 Aql	4465	104318	18	59.6	15.1	4,10.5,10.2	Aql	Sep AB:131, Sep AC:149	K0
HD 176873	9243	104379	19	1.8	12.5	6.8,9.2	Aql	Sep AB:15	
HD 177724 Zeta Aql; 17 Aql; Deneb el Okab	4487	104461	19	5.4	13.9	3,11.8	Aql	Sep AB:159	A0
HD 179588 Bur 139	9293	104602	19	12.6	16.8	6.7,7.9,7.9,10.2	Aql	Sep AB:7, Sep AC:121, Sep AD:128	
HD 180262	4527	104655	19	15.3	15.1	5.6,7.7	Aql	Sep AB:89	G5
HD 180555	4535	104668	19	16.4	14.5	5.6,8.6	Aql	Sep AB:8	A0
HD 181333 28 Aql; V1208 Aql; OSS 179	4546	104722	19	19.7	12.4	5.5,9	Aql	Sep AB:59	F0
HD 182490 2 Sge	4568	104797	19	24.4	16.9	6.3,7.1,7.1,6.3	Sge	Sep AB:339, Sep AC:131, Sep AD:106	A0
HD 182572	4570	104807	19	25.0	11.9	5.2,8.7,10.6	Aql	Sep AB:106, Sep AC:114	G5
HD 182762 4 Vul	4575	104818	19	25.5	19.8	5.2,9.9,11.6	Vul	Sep AB:19, Sep AC:53	K0
HD 184606 9 Vul	4610	104990	19	34.6	19.8	4.9,12.5	Vul	Sep AB:108	B8
HD 185354	9411	105081	19	38.2	17.2	6.9,12	Sge	Sep AB:38	
HD 185622	9416	105104	19	39.4	16.6	6.4,9.4	Sge	Sep AB:28	
HD 186203 Chi Aq; AC = Jonckheere 1858; Holmes 26	4642	105168	19	42.6	11.8	5.3,12.3,10.3	Aql	Sep AB:82, Sep AC:140	+++
HD 186791 50 Aql; Tarazed	4655	105223	19	46.3	10.6	2.7,10.8	Aql	Sep AB:133	K2
HD 187259 Pi Aql; 52 Aql	4663	105282	19	48.7	11.8	5.8,6.9,12.2	Aql	Sep AB:1.4, Sep AC:34	+++
HD 187362 Zeta Sge; 8 Sge; AGC 11	4664	105298	19	49.0	19.1	5.4,6.2,8.7,11	Sge	Sep AB:8, Sep AC:76	A2
HD 187961 Jonckheere 126	9480	105355	19	52.3	10.4	6.5,9.5	Aql	Sep AB:43	
HD 189577 A = VZ Sge; H 100	4723	105522	20	0.1	17.5	5.6,11.8,11.5	Sge	Sep AB:29, Sep AC:47	Mb
HD 190090	9523	105589	20	2.8	14.6	6.7,9.7	Aql	Sep AB:3	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 190211	4742	105608	20	3.3	18.5	6,10.3	Sge	Sep AB:47	K2
HD 190406	4746	105635	20	4.1	17.1	5.9,6.8	Sge	Sep AB:204	G0
HD 190658	9538	105663	20	5.4	15.5	6.3,10.7	Aql	Sep AB:2	
HD 195358 AC = South 752; AD = Fox	9653	106177	20	30.2	19.4	6.6,10.9,10.9,10.5	Del	Sep AB:2, Sep AC:22, Sep AD:106	
HD 196524 Beta Del; 6 Del; Rotanev	4852	106316	20	37.5	14.6	4,4.9,13,10.8	Del	Sep AB:.6, Sep AC:19, Sep AD:44	F5
HD 197684	9721	106443	20	44.9	12.3	6.7,8.7	Del	Sep AB:1	
HD 197964 Gamma 2 Del; 12 Del	4899	106476	20	46.7	16.1	4.3,5.5	Del	Sep AB:10	G5
HD 198390	4913	106536	20	49.6	12.5	6,11.2	Del	Sep AB:108	F5
HD 199941	9778	106738	20	59.8	16.8	6.6,9.2	Del	Sep AB:71	
HD 203504	5029	107073	21	22.1	19.8	4.1,8.2,11.9	Peg	Sep AB:36, Sep AC:75	K0
HD 204509	9891	107165	21	28.9	11.1	6.7,7.5,9.3	Peg	Sep AB:1.7, Sep AC:136	
HD 208202	9964	107489	21	54.3	19.7	6.4,8.8	Peg	Sep AB:22	
HD 209166 20 Peg	5154	107587	22	1.1	13.1	5.7,11.1	Peg	Sep AB:55	F2
HD 210461	10021	107707	22	10.4	14.6	6.4,12.3	Peg	Sep AB:22	
HD 211076	10036	107756	22	14.3	17.2	6.5,9.7	Peg	Sep AB:20	
HD 214850	5309	108094	22	40.9	14.5	6.3,6.3,11.5	Peg	Sep AB:.3, Sep AC:72	G5
HD 215648 Xi Peg; 46 Peg	5326	108165	22	46.7	12.2	4.2,12.2,11	Peg	Sep AB:12, Sep AC:145	F5
HD 216900	10159	108275	22	56.9	11.8	6.5,8.9	Peg	Sep AB:4	
HD 219139	5417	108463	23	13.4	11.1	5.9,10.1	Peg	Sep AB:33	K0
HD 222133 75 PegZ	5490	108732	23	37.9	18.4	5.4,11.6	Peg	Sep AB:28	A0
HD 224429	10378	108931	23	57.8	11.5	6.7,10.3	Peg	Sep AB:21	
HD 1061 35 Psc; UU Psc	53	109087	0	15.0	8.8	6.7.6	Psc	Sep AB:11	F0
HD 2913 51 Psc	99	109262	0	32.4	7.0	5.7,9.5	Psc	Sep AB:28	A0
HD 6288 26 Cet	5736	109643	1	3.8	1.4	6.2,8.6	Cet	Sep AB:16	
HD 6763	219	109697	1	8.4	5.6	5.7,12.2,9.5	Psc	Sep AB:86, Sep AC:177	F0
HD 7344 Zeta Psc; 86 Psc; Bur 1029	239	109739	1	13.7	7.6	5.2,6.4	Psc	Sep AB:23	A5
HD 8803	5814	109895	1	26.9	3.5	6.6,8.6	Psc	Sep AB:6	
HD 8949	5823	109907	1	28.4	8.0	6.2,8	Psc	Sep AB:69	
HD 9138 98 Psc	272	109926	1	30.2	6.1	4.8,10.7	Psc	Sep AB:183	K2
HD 11803	5889	110235	1	55.9	1.8	6.6,8	Cet	Sep AB:1.2	
HD 12446 Alpha Psc; 113 Psc; Al Rescha, "the cord"	378	110291	2	2.0	2.8	4.2,5.1	Psc	Sep AB:2	A2p
HD 16161 Nu Cet; 78 Cet	481	110635	2	35.9	5.6	4.9,9.5	Cet	Sep AB:8	G5
HD 16160	483	110636	2	36.1	6.9	5.8,12	Cet	Sep AB:165	K0
HD 16970 Gamma Cet; 86 Cet; Alkaffaljdhina	513	110707	2	43.3	3.2	3.5,7.3	Cet	Sep AB:2.5	A2
HD 22468 V711 Tau	702	111291	3	36.8	0.6	5.9,8.8	Tau	Sep AB:6	G0
HD 22878	6192	111340	3	40.5	5.1	6.6,9.8,10.2	Tau	Sep AB:26, Sep AC:36	
HD 23466 29 Tau	735	111400	3	45.7	6.1	5.4,11.6	Tau	Sep AB:65	B3
HD 25330	807	111566	4	1.8	10.0	5.7,11.7	Tau	Sep AB:12	B8
HD 26677	6284	111671	4	13.5	8.9	6.4,,12.4	Tau		
HD 26923 V891 Tau	6292	111698	4	15.5	6.2	6.3,6.9,10	Tau	Sep AB:60, Sep AC:226	
HD 30652 1 Ori	1009	112106	4	49.8	7.0	3.2,7.1,12.4	Ori	Sep AB:95, Sep AC:196	F8
HD 32040	6416	112305	5	0.6	3.6	6.7,7	Ori	Sep AB:21	
HD 32273	6422	112340	5	2.0	1.6	6.5,8	Ori	Sep AB:15	
HD 33021	6446	112436	5	7.6	9.5	6.3,10.1	Ori	Sep AB:124	
HD 33054 14 Ori	1094	112440	5	7.9	8.5	5.9,6.7	Ori	Sep AB:.9	F0p
HD 33254	1100	112467	5	9.3	9.8	5.4,12.2,9.9	Ori	Sep AB:89, Sep AC:168	A2

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 33646	6468	112509	5	11.8	1.0	5.9,7.6	Ori	Sep AB:1.7	
HD 33856 Rho Ori; 17 Ori	1113	112528	5	13.3	2.9	4.6,8.3,11.8	Ori	Sep AB:7, Sep AC:182	K0
HD 35149 23 Ori	1154	112697	5	22.8	3.5	5.7,1	Ori	Sep AB:32	B3
HD 35439 25 Ori; V1086 Ori	1170	112734	5	24.7	1.8	8.1,8.3,4.7	Ori	Sep AB:46, Sep AC:158	B3p
HD 35468 24 Ori; Bellatrix, "the female warrior"	1173	112740	5	25.1	6.3	1.6,12.2	Ori	Sep AB:179	B2
HD 35715 Psi 2 Ori; 30 Ori	1180	112775	5	26.8	3.1	4.6,10.2	Ori	Sep AB:3	B2
HD 36351 33 Ori	1203	112861	5	31.2	3.3	5.8,7.1	Ori	Sep AB:1.6	B3
HD 36861 Lambda Ori; 39 Ori; Heka, "white spot"	1228	112921	5	35.1	9.9	3.4,5.5,11.2,11.2	Ori	Sep AB:4, Sep AC:29, Sep AD:78	Oe5
HD 38527	1290	113124	5	46.9	9.5	5.8,11	Ori	Sep AB:17	G5
HD 38710 52 Ori	1300	113150	5	48.0	6.5	6.1,6.1	Ori	Sep AB:1.6	A3
HD 39773	6656	113267	5	54.9	5.9	6.8,9.3	Ori	Sep AB:4	
HD 39801 58 Ori; H VI 39; Betelgeuse, "the armpit"	1341	113271	5	55.2	7.4	0.9,11	Ori	Sep AB:174	M0
HD 40372 H V 100; V1004 Ori	1353	113315	5	58.4	1.8	6.1,9.7	Ori	Sep AB:36	A5
HD 40446 60 Ori	1355	113321	5	58.8	0.6	5.2,11.8	Ori	Sep AB:19	A0
HD 42111	1406	113507	6	9.0	2.5	5.7,6.9,9.6	Ori	Sep AB:29, Sep AC:118	A0
HD 44769 8 Mon; STF 900	1483	113810	6	23.8	4.6	4.4,6.7,12.7	Mon	Sep AB:13, Sep AC:94	A5
HD 45724	6829	113940	6	29.2	2.6	6.2,10.2	Mon	Sep AB:19	
HD 46642 14 Mon	6856	114085	6	34.8	7.6	6.5,10.7	Mon	Sep AB:10	
HD 53205	6992	114867	7	4.3	1.5	6.6,7.7	Mon	Sep AB:90	
HD 58715 3 CMi; Gomeisa	1822	115456	7	27.2	8.3	3.1,11.2,11.1,10.9	CMi	Sep AB:99, Sep AC:125, Sep AD:139	B8
HD 58923 Eta CMi; 5 CMi	1827	115477	7	28.0	6.9	5.2,11.1	CMi	Sep AB:4	A5
HD 58972 Gamma CMi; 4 CMi	1828	115478	7	28.2	8.9	4.3,11.9	CMi	Sep AB:119	K0
HD 60357 Delta 3 CMi; 9 CMi; Baillaud 2296	1861	115644	7	34.3	3.4	5.8,11	CMi	Sep AB:90	A0
HD 61563	1894	115773	7	40.1	5.2	6.1,6.9,10.8	CMi	Sep AB:1, Sep AC:44	A0
HD 65345 14 Cmi	1992	116182	7	58.3	2.2	5.5,8.4,9.3	CMi	Sep AB:97, Sep AC:130	K0
HD 66141	2013	116260	8	2.3	2.3	4.4,9.2	CMi	Sep AB:241	K0
HD 71115	2118	116752	8	25.9	7.6	5.1,10.1	Cnc	Sep AB:30	K0
HD 72945	2158	116929	8	35.8	6.6	5.9,7.3,10.7	Cnc	Sep AB:10, Sep AC:93	F5
HD 73262 4 Hya	2163	116965	8	37.7	5.7	4.1,10.9	Hya	Sep AB:244	A0
HD 74874 Epsilon Hya; 11 Hya	2218	117112	8	46.8	6.4	3.4,,6.8,12.4	Hya		F8
HD 81670	7569	117704	9	27.3	6.2	6.9,7.5	Hya	Sep AB:2	
HD 81873 H IV 47	2386	117718	9	28.5	8.2	5.7,10.4	Leo	Sep AB:25	K0
HD 89995	7738	118271	10	23.2	5.7	6.5,9.1	Sex	Sep AB:59	
HD 90125 AC = h2530	7744	118278	10	24.2	2.4	6.4,12.7,6.7	Sex	Sep AB:10, Sep AC:212	
HD 90386 RX Sex	7749	118299	10	26.2	3.9	6.8,8.7	Sex	Sep AB:116	
HD 91636 49 Leo; TX Leo	2615	118380	10	35.0	8.7	5.8,8.5	Leo	Sep AB:2.2	A0
HD 92841 35 Sex	7789	118449	10	43.3	4.7	6.3,7.4	Sex	Sep AB:7	
HD 94672 55 Leo	2684	118574	10	55.7	0.7	6.1,8	Sex	Sep AB:1.1	F2
HD 95382 59 Leo	2698	118615	11	0.7	6.1	5.1,12.6	Leo	Sep AB:45	A5
HD 96097 Chi Leo; 63 Leo	2710	118648	11	5.0	7.3	4.7,10.6,8.9	Leo	Sep AB:3.6, Sep AC:276	F0
HD 97605	2736	118735	11	14.0	8.1	5.8,11.2	Leo	Sep AB:22	K0
HD 99491 83 Leo	7895	118864	11	26.8	3.0	6.2,7.9,9.9	Leo	Sep AB:28, Sep AC:90	
HD 99648 Tau Leo; 84 Leo	2772	118875	11	27.9	2.9	5.7,4	Leo		K0
HD 102510 4 Vir	2840	119058	11	47.9	8.2	5.2,12	Vir	Sep AB:150	A0
HD 102870 5 Vir; Alaraph; Zavijava	2851	119076	11	50.7	1.8	3.8,10.6,8.8	Vir	Sep AB:246, Sep AC:12	F8
HD 107328	2934	119341	12	20.3	3.3	5.1,11.6	Vir	Sep AB:132	K0

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 107705 17 Vir	8027	119360	12	22.5	5.3	6.6,9.4	Vir	Sep AB:19	
HD 111028	3029	119580	12	46.4	9.5	6.9,1	Vir	Sep AB:172	K0
HD 112300 43 Vir; Auva	3067	119674	12	55.6	3.4	3.4,10.7	Vir	Sep AB:165	M0
HD 115995	8159	119889	13	20.7	2.9	6.3,7.5	Vir	Sep AB:1.6	
HD 118578	8203	120042	13	37.7	2.4	6.7,9,9.3	Vir	Sep AB:16, Sep AC:172	
HD 119425 84 Vir	3218	120082	13	43.1	3.5	5.7,8.9	Vir	Sep AB:3	K0
HD 120066	8225	120108	13	47.0	6.4	6.3,10.8	Vir	Sep AB:486	
HD 124224 CU Vir	3303	120339	14	12.3	2.4	5,12.8	Vir	Sep AB:60	A0p
HD 126129	3347	120426	14	23.4	8.4	4.9,6.8	Boo	Sep AB:6	A0
HD 132132 M Vir	3466	120758	14	57.6	0.2	5.5,10.3	Vir	Sep AB:86	K0
HD 136202 STF 774; 5 Ser	3542	120946	15	19.3	1.8	5,10.1,9.1	Ser	Sep AB:11, Sep AC:127	G0
HD 136514 6 Ser	3549	120955	15	21.0	0.7	5.4,10	Ser	Sep AB:3	K0
HD 140538 Psi Ser; 23 Ser	3646	121152	15	44.0	2.5	5.9,,8.9,10.5	Ser		G5
HD 140573 Alpha Ser; 24 Ser; Unukalhai	3649	121157	15	44.3	6.4	2.8,11.8	Ser	Sep AB:58	K0
HD 148857 Lambda Oph; 10 Oph; Marfik, "the elbow"	3848	121658	16	30.9	2.0	3.8,5.2,11	Oph	Sep AB:1.5, Sep AC:119	A0
HD 151090 OS	8710	121831	16	45.0	6.1	6.8,9.6,10	Her	Sep AB:164, Sep AC:155	
HD 151217 43 Her	3900	121843	16	45.8	8.6	5.4,9.8	Her	Sep AB:83	K2
HD 151431 19 Oph	3905	121859	16	47.2	2.1	6.1,9.4,11.3	Oph	Sep AB:23, Sep AC:215	A2
HD 151525	3908	121865	16	47.8	5.2	5.3,10.5	Her	Sep AB:123	A0p
HD 153914	8769	122023	17	2.0	8.5	6.3,7.8	Oph	Sep AB:1	
HD 159480 53 Oph; Baillaid 2443 (B)	4088	122526	17	34.6	9.6	5.8,8.5,10.8,10.8	Oph	Sep AB:42, Sep AC:91, Sep AD:96	A2
HD 160315	8890	122607	17	39.1	2.0	6.3,7.7,9	Oph	Sep AB:112, Sep AC:100	
HD 161270 61 Oph	8913	122690	17	44.6	2.6	6.6,6.6,12.5	Oph	Sep AB:21, Sep AC:96	
HD 163624	4173	122950	17	57.1	0.1	6.6,9	Oph	Sep AB:.9	A2
HD 164353 67 Oph; H VI 62	4189	123013	18	0.6	2.9	3.9,8.5,12	Oph	Sep AB:54, Sep AC:46	B5p
HD 165341 70 Oph	4203	123107	18	5.5	2.5	4.2,6	Oph	Sep AB:2.9	K0
HD 165887	9007	123156	18	8.1	2.2	6.5,11.7	Oph		
HD 166233 73 Oph	4225	123187	18	9.6	4.0	5.7,12.6	Oph	Sep AB:68	F2
HD 166285	4226	123198	18	9.9	3.1	5.7,10	Oph	Sep AB:104	F5
HD 168387	4262	123353	18	19.2	7.3	5.4,11.9	Oph	Sep AB:40	K0
HD 168656 74 Oph	4269	123377	18	20.9	3.4	4.9,11.5,11.9	Oph	Sep AB:28, Sep AC:58	G5
HD 169985 59 Ser	4303	123497	18	27.2	0.2	5.3,7.6	Ser	Sep AB:4	A0
HD 170580	9093	123571	18	30.1	4.1	6.7,10.9,12,12	Oph	Sep AB:20, Sep AC:67, Sep AD:85	
HD 171247	9109	123634	18	33.4	8.3	6.4,10.2	Oph	Sep AB:39	
HD 171586 FR Ser; Bur 643	9117	123673	18	35.6	4.9	6.5,,9.6	Ser		
HD 171834	4349	123693	18	36.7	6.7	5.4,13.3	Oph	Sep AB:75	F2
HD 173495 Tweedledum and Tweedledee; Finsen 332	4383	123886	18	45.5	5.5	5.8,,6.7	Ser		A0
HD 175638 Theta Ser; 63 Ser; Alya	4441	124068	18	56.2	4.2	4.6,5	Ser	Sep AB:22	A5
HD 181053 24 Aql	9313	124492	19	18.8	0.3	6.5,6.7	Aql	Sep AB:423	
HD 182835 32 Aql	4584	124628	19	26.5	0.3	4.6,9.1	Aql	Sep AB:201	F0
HD 183589	9364	124698	19	30.2	2.9	6.1,10.1	Aql	Sep AB:33	
HD 184853	9401	124835	19	36.2	6.0	6.6,9.7	Aql	Sep AB:13	
HD 187734	9476	125141	19	51.4	4.1	6.5,9.4	Aql	Sep AB:4	
HD 188512 Beta Aql; 60 Aql; Alshain	4697	125235	19	55.3	6.4	3.7,11.6,11.6	Aql	Sep AB:13, Sep AC:204	K0
HD 191104	9544	125478	20	7.8	9.4	6.4,8.6	Aql	Sep AB:4	
HD 191533	9552	125517	20	10.1	8.4	6.6,10.1,12.4	Aql	Sep AB:7, Sep AC:74	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 194244	4817	125769	20	24.6	1.1	6.1,10.7	Aql	Sep AB:32	A0
HD 198069 13 Del	4906	126222	20	47.8	6.0	5.6,9.2	Del	Sep AB:1.6	A0
HD 198404	9743	126267	20	50.0	5.5	6.2,9	Del	Sep AB:80	
HD 199223	9766	126373	20	55.7	4.5	6.7,6	Del	Sep AB:2	
HD 199442	9771	126396	20	57.2	0.5	6.1,9.8	Aqr	Sep AB:26	
HD 199766 Epsilon Equ; 1 Equ	4950	126428	20	59.1	4.3	5.3,5.3,7.1	Equ	Sep AB:1, Sep AC:10	F5
HD 200256 Lambda Equ; 2 Equ; Kuiper 102	9789	126482	21	2.2	7.2	6.72,6.93	Equ	Sep AB:2.8	
HD 200375	9797	126491	21	3.1	1.5	6.2,7.2,12.8	Aqr	Sep AB:1.2, Sep AC:89	
HD 201601 Gamma Equ; 5 Equ; Bur 71; BO Equ	4990	126593	21	10.3	10.1	4.7,11.5,5.7	Equ	Sep AB:2, Sep AC:343	F0p
HD 202275 Delta Equ; OS 535	5001	126643	21	14.5	10.0	4.5,,9.4	Equ		F5
HD 205811 3 Peg	9915	126940	21	37.7	6.6	6.8,3	Peg	Sep AB:39	
HD 205924 4 Peg	5084	126956	21	38.5	5.8	5.7,11.7	Peg	Sep AB:27	F0
HD 206067	5087	126965	21	39.6	2.2	5.3,11.6	Aqr	Sep AB:133	K0
Epsilon Peg	5111	127029	21	44.2	9.9	2.5	Peg		K0
HD 211048	10037	127402	22	14.5	8.0	6.7,8.3,10.5,11.1	Peg		
HD 211924 30 Peg	5236	127453	22	20.5	5.8	5.4,10.7,11.8	Peg	Sep AB:16, Sep AC:15	B5
HD 212943	5260	127540	22	27.9	4.7	4.9,9.8	Peg	Sep AB:182	K0
HD 213235 37 Peg	5273	127551	22	30.0	4.4	5.8,7.1	Peg	Sep AB:1	F5
HD 217166	10167	127870	22	58.6	9.4	6.4,,9.2	Peg		
HD 218634 57 Peg; GZ Peg	5404	128001	23	9.5	8.7	5.1,9.7	Peg	Sep AB:33	Mb
HD 220406	10268	128156	23	23.5	0.3	6.3,10.5	Psc	Sep AB:42	
HD 222368 17 Psc	5498	128310	23	40.0	5.6	4.1,13	Psc	Sep AB:70	F8
HD 1522 Iota Cet; 8 Cet	64	128694	0	19.4	-8.8	3.6,12.1,8.6	Cet	Sep AB:63, Sep AC:109	K0
HD 6203	204	129094	1	3.0	-4.8	5.3,11.7	Cet	Sep AB:200	G5
HD 7439 37 Cet	242	129193	1	14.4	-7.9	5.2,8.7	Cet	Sep AB:50	F0
HD 7672 AY Cet	246	129204	1	16.6	-2.5	5.5,11.2	Cet	Sep AB:178	G0
HD 8036 42 Cet; Finsen 337	249	129235	1	19.8	0.5	6.5,7.5	Cet	Sep AB:1.6	F5
HD 10725	5867	129482	1	44.7	-6.8	6.6,9.4,11	Cet	Sep AB:2, Sep AC:93	
HD 12020 58 Cet	5896	129588	1	58.0	-2.1	6.6,11,9.6	Cet	Sep AB:2.7, Sep AC:150	
HD 12292 AR Cet	374	129624	2	0.4	-8.5	5.4,9.6	Cet	Sep AB:63	Mb
HD 12641 H V 102	388	129667	2	3.8	0.3	5.9,10.4	Cet	Sep AB:43	G5
HD 13612 66 Cet	409	129752	2	12.8	-2.4	5.7,7.5,11.5	Cet	Sep AB:16, Sep AC:173	G0
HD 16074	478	129984	2	34.7	-7.9	5.8,12.5	Cet	Sep AB:95	K0
HD 16212	482	130004	2	36.0	-7.8	5.7,9.3	Cet	Sep AB:147	K5
HD 16765 84 Cet	504	130055	2	41.2	0.7	5.8,9	Cet	Sep AB:4	F5
HD 20319	627	130388	3	16.0	-5.9	6.9,7.1	Eri	Sep AB:1	B9
HD 20559 95 Cet	637	130408	3	18.4	0.9	5.6,7.5	Cet	Sep AB:1.1	G5
HD 24098	6220	130762	3	50.3	-1.5	6.5,10.5,11.2	Eri	Sep AB:4, Sep AC:41	
HD 24388 30 Eri	773	130789	3	52.7	-5.4	5.5,10.6	Eri	Sep AB:8	B8
HD 24555 32 Eri; w Eri	781	130806	3	54.3	-3.0	4.8,6	Eri	Sep AB:7	G5
HD 26584	6276	131020	4	11.9	-8.8	6.5,9.6	Eri	Sep AB:52	
HD 26965 Omicron 2 Eri; 40 Eri; Keid, "the egg shells"	852	131063	4	15.3	-7.7	4.4,9.5,11.2	Eri	Sep AB:84, Sep AC:9	G5
HD 27611	885	131140	4	21.5	0.1	5.9,12.9,10.9	Eri	Sep AB:36, Sep AC:198	K2
HD 28843 DZ Eri	944	131279	4	32.6	-3.2	5.8,10.4	Eri	Sep AB:125	B9
HD 29173	6352	131335	4	35.2	-9.7	6.7,7.6	Eri	Sep AB:12	
HD 29227	6357	131344	4	36.0	-3.6	6.3,11,12.6,12.6	Eri	Sep AB:18, Sep AC:45, Sep AD:60	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 29391 51 Eri	964	131358	4	37.6	-2.5	5.2,11.7	Eri	Sep AB:32	A5
HD 30021 55 Eri; DW Eri	6371	131443	4	43.6	-8.8	6.7,6.8	Eri	Sep AB:9	
HD 31739	6407	131640	4	58.2	-2.2	6.3,11.1	Ori	Sep AB:21	
HD 32964 66 Eri	1088	131777	5	6.8	-4.7	5.2,8.4	Eri	Sep AB:53	B9
HD 33111 67 Eri; Cursa	1093	131794	5	7.8	-5.1	2.9,10.9	Eri	Sep AB:117	A3
HD 33224	1097	131806	5	8.3	-8.7	5.8,8.8	Eri	Sep AB:21	B8
HD 34085 Beta Ori; 19 Ori; Bur 555; Rigel	1118	131907	5	14.5	-8.2	0.6,8	Ori	Sep AB:9	B8p
HD 34503 Tau Ori; 20 Ori; H V 25; AC = Bur 188	1127	131952	5	17.6	-6.8	3.6,13.6,11.9,10.8	Ori	Sep AB:36, Sep AC:36, Sep AD:3.5	B5
HD 35281	1156	132053	5	23.3	-8.4	6.7,8	Ori	Sep AB:6	A0
HD 35317 A847 (BC)	1162	132060	5	23.9	0.9	6.1,7.8	Ori	Sep AB:3	F5
HD 35411 Eta Ori; 28 Ori; Saif	1166	132071	5	24.5	-2.4	3.8,4.8,9.4	Ori	Sep AB:1.5, Sep AC:116	B1
HD 36151	6534	132172	5	29.4	-7.3	6.7,9.7	Ori	Sep AB:49	
HD 36167 31 Ori; Cl Ori	1194	132176	5	29.7	-1.1	4.7,9.9	Ori	Sep AB:12	K5
HD 36486 Delta Ori; 34 Ori; Bur 558; Mintaka	1208	132220	5	32.0	0.3	2.3,6.3	Ori	Sep AB:52	B0
HD 36646 AC = H V 119	6548	132247	5	33.1	-1.7	6.5,8.6,8.2	Ori	Sep AB:1.5, Sep AC:30	
HD 36779	6556	132269	5	34.1	-1.0	6.2,9.8	Ori	Sep AB:28	
HD 36960	1227	132301	5	35.0	-6.0	4.8,5.7	Ori	Sep AB:36	B1
HD 37018 42 Ori	1233	132320	5	35.4	-4.8	4.6,7.9,0.0	Ori	Sep AB:1.6	B3
HD 37041 Theta 2 Ori; 43 Ori	1232	132321	5	35.4	-5.4	5.6,5.9,1	Ori	Sep AB:53, Sep AC:129	B1
HD 37043 Iota Ori; 44 Ori; Nair al Saif	1234	132323	5	35.4	-5.9	2.8,6.9,11	Ori	Sep AB:11, Sep AC:49	Oe5
HD 37040	6566	132325	5	35.5	-4.4	6.6,8.5	Ori	Sep AB:4	
HD 37128 46 Ori; Alnilam, "the string of pearls"	1239	132346	5	36.2	-1.2	1.7,10.5	Ori	Sep AB:178	B0
HD 37209	1242	132359	5	36.6	-6.1	5.7,8.9	Ori	Sep AB:5	B3
HD 37468 Sigma Ori; 48 Ori; Bur 1032 (B)	1259	132406	5	38.7	-2.6	3.8,,6.7,5	Ori		B0
HD 37742 Zeta Ori; 50 Ori; Alnitak, "the girdle"	1269	132444	5	40.8	-1.9	1.7,4	Ori	Sep AB:2.4	B0
HD 38089	1278	132477	5	42.9	-6.8	6.5,,10	Ori		F5
HD 38495	6615	132515	5	46.0	-4.3	6.4,8.7	Ori	Sep AB:7	
HD 41692	1396	132841	6	6.6	-4.2	5.4,11.6	Mon	Sep AB:29	B3
HD 45546	1507	133290	6	28.0	-4.8	5.9,2.9,2	Mon	Sep AB:77, Sep AC:81	B3
HD 45725 Beta Mon; 11 Mon; Bur 570	1513	133316	6	28.8	-7.0	4.7,5.2,12.2	Mon	Sep AB:7, Sep AC:10	B2e
HD 50700	6941	133855	6	54.1	-5.9	6.4,7.2	Mon	Sep AB:1.2	
HD 52611	6983	134073	7	1.9	-1.3	6.2,10	Mon	Sep AB:25	
HD 54810	1720	134282	7	10.2	-4.2	5,12	Mon	Sep AB:55	K0
HD 55185 Delta Mon; 22 Mon; Baillaud 776	1730	134330	7	11.9	0.5	4.2,13	Mon	Sep AB:32	A0
HD 59984	1851	134806	7	32.1	-8.9	5.9,8.8	Mon	Sep AB:24	F5
HD 61064	1876	134899	7	37.3	-4.1	5.2,10.5	Mon	Sep AB:122	F5
HD 67159 A543	2027	135505	8	6.5	-9.2	6.3,7.9	Mon	Sep AB:31	A0
HD 71297 H VI 118; LM Hya	2121	135916	8	26.5	-4.0	5.4,9.2	Hya	Sep AB:74	A5
HD 71663	7365	135958	8	28.5	-2.5	6.4,,11.6	Hya		
HD 74395	2200	136221	8	43.7	-7.2	4.6,8.2	Hya	Sep AB:78	G0
HD 74688	7442	136243	8	45.3	-2.6	6.4,7.6	Hya	Sep AB:5	
HD 75737 15 Hya; H V 20	2235	136345	8	51.6	-7.2	5.6,,9.6,10.8	Hya	Sep AB:.8, Sep AC:46, Sep AD:50	A2
HD 76370 17 Hya	7478	136409	8	55.5	-8.0	6.8,7	Hya	Sep AB:4	
HD 80586 27 Hya	2360	136768	9	20.5	-9.6	5.6,9	Hya	Sep AB:232	G5
HD 81728 29 Hya; AB = A1588	7568	136861	9	27.2	-9.2	7.3,,11.8	Hya		
HD 81797 H V 111; Alphard, "the solitary one", 30 Hya	2383	136871	9	27.6	-8.7	2.9,5	Hya	Sep AB:285	K2

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 81997 Tau 1 Hya; 31 Hya; H 333	2388	136895	9	29.1	-2.8	4.6,7.2	Hya	Sep AB:3	F5
HD 91106	7761	137614	10	31.0	-7.6	6.2,9.9	Sex	Sep AB:3	
HD 93903 41 Sex	2669	137823	10	50.3	-8.9	5.8,11.5	Sex	Sep AB:27	A2
HD 98058 Phi Leo; 74 Leo	2741	138102	11	16.7	-3.7	4.5,9.3	Leo	Sep AB:97	A5
HD 101154	7924	138314	11	38.4	-2.4	6.2,10.4	Vir	Sep AB:5	
HD 106384 FG Vir	8004	138664	12	14.3	-5.7	6.6,12.4,11.6	Vir	Sep AB:25, Sep AC:74	
HD 106976	8015	138704	12	18.2	-3.9	6.6,7.1	Vir	Sep AB:20	
HD 110014 26 Vir	3009	138892	12	39.2	-8.0	4.7,8.8,10.7	Vir	Sep AB:173, Sep AC:221	K0
HD 110379 Gamma Vir; 29 Vir; Porrima	3016	138917	12	41.7	-1.4	2.9,3.5,12.3,12.2	Vir	Sep AB:2.6, Sep AC:103, Sep AD:124	F0
HD 112142 40 Vir	3058	139033	12	54.4	-9.5	4.8,9	Vir	Sep AB:31	M3
HD 112398	8104	139053	12	56.4	1.0	6.6,7.6	Vir	Sep AB:1	
HD 112846 44 Vir	3076	139086	12	59.7	-3.8	5.8,11	Vir	Sep AB:21	A0
HD 113459 48 Vir	8119	139131	13	3.9	-3.7	7.2,7.5	Vir	Sep AB:8	
HD 114330 Theat Vir; AC = H N 50	3106	139189	13	10.0	-5.5	4.4,9.4,10.4	Vir	Sep AB:7, Sep AC:71	A0
HD 117436 72 Vir	3173	139370	13	30.4	-6.5	6.1,11.4	Vir	Sep AB:30	A5
HD 121325	8254	139618	13	55.0	-8.1	6.2,7.7,10.3,10.9	Vir	Sep AB:3, Sep AC:128	
HD 126868 Phi Vir; 105 Vir	3361	139951	14	28.2	-2.2	5.9,3,12.4	Vir	Sep AB:5, Sep AC:93	K0
HD 139461	8535	140672	15	38.7	-8.8	6.5,6.6	Lib	Sep AB:12	
HD 144362	8591	140945	16	5.7	-6.3	6.4,10.2,11.1,10.3	Oph	Sep AB:1, Sep AC:29, Sep AD:53	
HD 146791 2 Oph; Yed Posterior, "the following star"	3794	141086	16	18.3	-4.7	3.2,12.4	Oph	Sep AB:111	K0
HD 148515	8665	141195	16	28.8	-8.1	6.5,9.2,11.8	Oph	Sep AB:6, Sep AC:132	
HD 153687	3956	141483	17	1.1	-4.2	5.9,8	Oph	Sep AB:94	K0
HD 154660	8788	141522	17	6.9	-1.7	6.3,9.5	Oph	Sep AB:21	
HD 158576	8865	141701	17	30.3	-4.4	6.7,11.5	Oph	Sep AB:11	
HD 158614	4066	141702	17	30.4	-1.1	5.3,6.1	Oph	Sep AB:1.1	G5
HD 164764 Tau Oph; 69 Oph	4197	142050	18	3.1	-8.2	4.8,5.9,9.3	Oph	Sep AB:1.8, Sep AC:100	F0
HD 168459	9052	142229	18	20.1	-8.0	6.5,9.1	Ser	Sep AB:2	
HD 168723 Eta Ser; 58 Ser	4274	142241	18	21.3	-2.9	3.2,12.1	Ser	Sep AB:180	K0
HD 172348	4361	142480	18	40.0	-7.8	5.8,10.9	Sct	Sep AB:22	K0
HD 172748 Delta Sct; AC = H V 36	4365	142515	18	42.3	-9.1	4.7,12.2,9.2	Sct	Sep AB:15, Sep AC:53	F0
HD 174005	9173	142640	18	48.7	-6.0	6.5,9.5	Sct	Sep AB:38	
HD 174208 H 50	9180	142661	18	49.7	-5.9	6.12.1,8.1	Sct	Sep AB:23, Sep AC:114	
HD 176678	4473	142931	19	1.7	-5.7	5.9,7.3	Aqr	Sep AB:3	K0
HD 177880	9262	143029	19	6.6	-1.3	6.8,9.7	Aql	Sep AB:14	
HD 179799	9296	143163	19	14.3	-8.7	6.5,11	Aql	Sep AB:26	
HD 181391	4550	143286	19	20.5	-5.4	5.1,11.9	Aql	Sep AB:116	G5
HD 183794 V822 Aql; Dembowski 20	9373	143494	19	31.3	-2.1	7.1,10.4	Aql	Sep AB:7	
HD 188154 56 Aql	4689	143894	19	54.1	-8.6	5.8,11.9	Aql	Sep AB:47	K5
HD 188294 57 Aql	9486	143899	19	54.6	-8.2	5.8,6.5	Aql	Sep AB:35	
HD 191692 65 Aql; H VI 27	4765	144150	20	11.3	0.8	3.2,13	Aql	Sep AB:114	A0
HD 192461	9573	144212	20	15.2	-3.5	6.9,8	Aql	Sep AB:14	
HD 194765	9636	144450	20	27.5	-2.1	6.7,7.5,10.7	Aql	Sep AB:58, Sep AC:45	
HD 196574 71 Aql	4856	144649	20	38.3	-1.1	4.3,10.8	Aql	Sep AB:32	K0
HD 198571 4 Aqr	4918	144877	20	51.4	-5.6	6.3,7.6,12.9,9.4	Aqr	Sep AB:8, Sep AC:73, Sep AD:131	F2
HD 204867 22 Aqr; Sadal Sund; h936	5064	145457	21	31.6	-5.6	2.9,10.9	Aqr	Sep AB:34	G0
HD 205765	9913	145533	21	37.6	0.4	6.2,9.3	Aqr	Sep AB:31	

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 209750 Sadal melik, "the lucky one of the king"	5172	145862	22	5.8	0.3	3.2,12.2	Aqr	Sep AB:113	G0
HD 212404 51 Aqr	5248	146067	22	24.1	-4.8	6.5,10.1,8.5	Aqr	Sep AB:54, Sep AC:131	A0
HD 213051 Zeta Aqr; 55 Aqr; Luyten 4971	5263	146107	22	28.8	0.0	3.7,4.5	Aqr	Sep AB:2	F2
HD 213789	5285	146160	22	34.0	-1.6	5.9,10.3	Aqr	Sep AB:98	K0
HD 214376 Kappa Aur; 63 Aqr	5296	146210	22	37.8	-4.2	5.8,8	Aqr	Sep AB:98	K0
HD 216931	10160	146402	22	57.1	-3.2	6.6,10.1	Psc	Sep AB:11	
HD 219449 Psi 1 Aqr; 91 Aqr; Bur 1220	5423	146598	23	15.9	-9.1	4.2,9.9,13.5	Aqr	Sep AB:48, Sep AC:20	K0
HD 219877 96 Aqr	5438	146639	23	19.4	-5.1	5.6,10.5	Aqr	Sep AB:11	F2
HD 223252 20 Psc	5524	146915	23	47.9	-2.8	5.6,10	Psc	Sep AB:173	K0
HD 2760 Bur 1158	5657	147317	0	31.0	-10.1	6.8,5	Cet	Sep AB:79	
HD 3794	5678	147395	0	40.5	-16.5	6.9,9.1,11	Cet	Sep AB:105, Sep AC:92	
HD 4048	5682	147415	0	42.8	-9.9	6.6,9.6	Cet	Sep AB:39	
HD 4338	5686	147436	0	45.7	-16.4	6.5,9.5	Cet	Sep AB:3	
HD 6805 31 Cet; Deneb Kaitos, "the tale of the whale"	222	147632	1	8.6	-10.2	3.5,10.8	Cet	Sep AB:234	K0
HD 8350	5796	147767	1	22.5	-19.1	6.5,8.8	Cet	Sep AB:5	
HD 10453	307	147962	1	41.7	-11.3	5.8,7.4	Cet	Sep AB:1	F5
HD 11171 53 Cet	334	148036	1	49.6	-10.7	4.7,6.7	Cet	Sep AB:184	F0
HD 11964	5892	148123	1	57.2	-10.2	6.4,10.6	Cet	Sep AB:30	
HD 15144 AB Cet	454	148386	2	26.0	-15.3	5.9,8.8,10.8	Cet	Sep AB:12, Sep AC:108	A2
HD 20631	639	148897	3	18.7	-18.6	5.8,9.1	Eri	Sep AB:7	F0
HD 26846 39 Eri	845	149478	4	14.4	-10.3	5.1,8,9.5	Eri	Sep AB:6, Sep AC:149	K0
HD 28763	939	149702	4	31.4	-13.6	6.3,9.1	Eri	Sep AB:30	A2
HD 31925	1052	150052	4	59.0	-16.4	5.9,7.3,8.2	Lep	Sep AB:8, Sep AC:53	F2
HD 33802 Iota Lep; 3 Lep	1107	150223	5	12.3	-11.9	4.5,10.8	Lep	Sep AB:13	B8
HD 33949 Kappa Lep; 4 Lep	1112	150239	5	13.2	-12.9	4.4,7.4	Lep	Sep AB:3	B8
HD 34527	6486	150303	5	17.6	-15.2	7.8,7	Lep	Sep AB:20	
HD 34798	6489	150335	5	19.3	-18.5	6.4,6.5,9	Lep	Sep AB:39, Sep AC:128	
HD 35736	1175	150442	5	26.0	-19.7	5.8,7.5	Lep	Sep AB:27	F5
HD 36673 Alpha Lep; Arneb	1213	150547	5	32.7	-17.8	2.7,11.2,12	Lep	Sep AB:36, Sep AC:91	F0
HD 39070	1307	150845	5	49.6	-14.5	5.5,9.5	Lep	Sep AB:2	G5
HD 40967 3 Mon	1371	151037	6	1.8	-10.6	5.8,5	Mon	Sep AB:1.8	B8
HD 44458 FR CMa	1472	151401	6	21.4	-11.8	5.5,9.2	CMa	Sep AB:4	B2p
HD 44743 2 CMa; Murzim	1478	151428	6	22.7	-18.0	2.9,8	CMa	Sep AB:188	B1
HD 44996	1489	151461	6	24.3	-13.0	6.1,10.2	CMa	Sep AB:23	B8
HD 45016	6794	151462	6	24.3	-16.2	7.8,6	CMa	Sep AB:16	
HD 46064	1520	151585	6	30.6	-13.1	6.2,11.2	CMa	Sep AB:36	B3
HD 47138 Nu 1 CMa; 6 CMa; Hh 239; H IV 81	1550	151694	6	36.4	-18.7	5.7,8.5	CMa	Sep AB:17	G5
HD 48915 Alpha CMa; 9 CMa; Sirius, "the scorching one"	1589	151881	6	45.1	-16.7	-1.5,8.5	CMa	Sep AB:5	A0
HD 49662	1613	151962	6	49.0	-15.1	5.4,8.1	CMa	Sep AB:.9	B5
HD 51250 Mu CMa; 18 CMa	1655	152123	6	56.1	-14.0	5.3,8.6,10.5,10.7	CMa	Sep AB:3, Sep AC:88, Sep AD:101	G5
HD 53755 V569 Mon, Dembowski 12	6997	152363	7	5.8	-10.7	6.5,.9,6	Mon		
HD 53974 FN CMa; Bur 328	1707	152394	7	6.7	-11.3	5.4,9.1	CMa	Sep AB:18	B3
HD 54764	1718	152477	7	9.6	-16.2	6.11.3	CMa	Sep AB:33	B3
HD 56593	7041	152660	7	17.1	-12.0	6.7,9.1	CMa	Sep AB:16	
HD 59067 Bur 332	1825	152909	7	27.9	-11.6	5.8,8.9	CMa		F5
HD 59438	1837	152943	7	29.4	-15.0	6.1,7.5,10.7,11.2	Pup	Sep AB:2, Sep AC:20, Sep AD:42	F8

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 61224	7130	153172	7	37.6	-14.4	6.5,8.9	Pup	Sep AB:66	
HD 61774	1895	153225	7	40.2	-19.7	5.9,10.7	Pup	Sep AB:8	K0
HD 62864 2 Pup; PV Pup	1925	153363	7	45.5	-14.7	6.1,6.8,10.4	Pup	Sep AB:17, Sep AC:100	A0
HD 63336 5 Pup	1938	153414	7	47.9	-12.2	5.6,7.7	Pup	Sep AB:2	F5
HD 68290	2050	153942	8	11.3	-12.9	4.7,9.4	Pup		K0
HD 73603	7418	154492	8	38.7	-19.7	6.4,9.4	Pyx	Sep AB:4	
HD 75916	7472	154704	8	52.5	-13.2	6.1,11.4	Hya	Sep AB:34	
HD 76376	2253	154745	8	55.2	-18.2	5.8,7.1	Hya	Sep AB:67	K0
HD 76635 Bur 210	7483	154781	8	56.8	-17.4	7.3,7.5	Hya	Sep AB:3.5	
HD 83104	7597	155323	9	35.6	-19.6	6.3,9.4	Hya	Sep AB:51	
HD 87344 Bur 1072	2510	155704	10	4.0	-18.1	6.3,7.1,12.1	Hya	Sep AB:21, Sep AC:12	A0
HD 88284 Lambda Hya; 41 Hya	2527	155785	10	10.6	-12.4	3.6,11.5	Hya	Sep AB:112	K0
HD 93526	7798	156235	10	47.6	-15.3	6.7,7.9	Hya	Sep AB:69	
HD 95808	2704	156421	11	3.2	-11.3	5.6,10.6	Crv	Sep AB:4	K0
HD 99211 Gamma Crt; 15 Crt	2762	156661	11	24.9	-17.7	4.1,9.6	Crt	Sep AB:5	A5
HD 99564 Kappa Crt; 16 Crt	2771	156685	11	27.2	-12.4	5.9,13	Crt	Sep AB:28	F8
HD 101369	7930	156820	11	39.9	-14.5	6.2,12.2	Crt	Sep AB:8	
HD 102574	7942	156896	11	48.4	-10.3	6.2,9.2	Crt	Sep AB:88	
HD 108767 Delta Crv; 7 Crv; Algorab; H 396	2971	157323	12	29.9	-16.5	2.9,9.2	Crv	Sep AB:24	A0
HD 108799 Leavenworth	8050	157326	12	30.1	-13.4	6.5,11.1	Crv	Sep AB:2	
HD 109557 Finsen 368	8062	157382	12	35.7	-16.8	6.7,,11	Crv		
HD 110317	3011	157447	12	41.3	-13.0	6.6,1,10.5	Crv	Sep AB:5, Sep AC:59	F5
HD 114642	3113	157788	13	12.1	-16.2	5,12.5,10.1	Vir	Sep AB:79, Sep AC:235	F2
HD 115617 H 90	3137	157844	13	18.4	-18.3	4.8,10.3	Vir	Sep AB:32	G5
HD 116658 67 Vir; Spica, "the ear of wheat"	3157	157923	13	25.2	-11.2	1.2,12	Vir	Sep AB:148	B2
HD 117789 75 Vir	3179	157998	13	32.9	-15.4	5.6,11.2	Vir	Sep AB:80	K0
HD 119786 85 Vir	3222	158147	13	45.6	-15.8	6.2,11.7	Vir	Sep AB:44	A0
HD 119853 86 Vir; Bur 935 (AB, CD)	3225	158152	13	45.9	-12.4	5.8,,10.8,11.9	Vir		K0
HD 126251	8346	158550	14	24.7	-11.7	6.5,8.3	Lib	Sep AB:1.2	
HD 126363	8350	158554	14	25.3	-13.4	6.5,10	Lib	Sep AB:40	
HD 129978 5 Lib	8402	158788	14	46.0	-15.5	6.6,11.3	Lib	Sep AB:3	
HD 130559 Mu Lib; 7 Lib	3434	158821	14	49.3	-14.1	5.3,6.7	Lib	Sep AB:2	A2p
HD 130841 Alpha 2 Lib; Zubenelgenubi	3443	158840	14	50.9	-16.0	2.9,5.3	Lib	Sep AB:231	A3
HD 132345 18 Lib	3472	158946	14	58.9	-11.1	5.8,10,11.5	Lib	Sep AB:20, Sep AC:162	K0
HD 134759 Iota Lib; H IV 44; Bb = Bur 618; H VI 44	3516	159090	15	12.2	-19.8	4.5,9.4	Lib	Sep AB:58	A0p
HD 135208	8466	159118	15	14.5	-18.4	6.8,8.5	Lib	Sep AB:47	
HD 136407 29 Lib	3548	159191	15	21.0	-15.5	6.1,8.4	Lib	Sep AB:44	F5
HD 138268 South 672	3588	159317	15	31.7	-20.2	6.3,9	Lib	Sep AB:11	A5
HD 138905 38 Lib	3605	159370	15	35.5	-14.8	3.9,11.1	Lib	Sep AB:42	K0
HD 139997 43 Lib	3638	159442	15	41.9	-19.7	4.8,10	Lib	Sep AB:172	K5
HD 143333	3715	159625	16	0.3	-16.5	5.5,11.1	Lib	Sep AB:155	F8
HD 144069 Xi Sco; Abetti	3733	159665	16	4.4	-11.4	4.2,5.1,7.2	Sco	Sep AB:.8, Sep AC:8	F8
HD 144217 Beta Sco; 8 Sco; Graffias, "the crab"	3735	159682	16	5.4	-19.8	2.6,,4.9	Sco		B1
HD 144708 11 Sco	3746	159715	16	7.6	-12.7	5.6,9.9	Sco	Sep AB:3	A0
HD 145502 Nu Sco; 14 Sco; Jabbah; Lesath; H V 6; H 497	3766	159764	16	12.0	-19.5	4.3,7.8,6.4	Sco	Sep AB:1, Sep AC:41	B3
HD 148786 Phi Oph; 8 Oph	3849	159963	16	31.1	-16.6	4.3,12.9,11.2	Oph	Sep AB:34, Sep AC:120	K0

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 155125 Eta Oph; 35 Oph; Sabik	3984	160332	17	10.4	-15.7	2.6,12.2,10.7	Oph		A2
HD 156717	4022	160462	17	19.9	-17.8	6.3,7.4,11.3	Oph	Sep AB:2, Sep AC:11	A0
HD 156928 Nu Ser; 53 Ser; H 535	4027	160479	17	20.8	-12.8	4.3,8.3	Ser	Sep AB:47	A0
HD 159358	4090	160653	17	34.8	-11.2	5.5,9.8	Ser	Sep AB:55	B8
HD 162956	8954	160896	17	54.1	-11.3	6.5,11.2	Ser	Sep AB:29	
HD 163336	4168	160915	17	56.3	-15.8	5.9,8.9	Ser	Sep AB:21	A0
HD 166393 See 501	9020	161153	18	11.2	-19.8	6.9,7.3	Sgr	Sep AB:1.2	
HD 167356 Bur 299	4248	161227	18	15.5	-18.7	6.1,11.8	Sgr	Sep AB:10	A2
HD 167863	9044	161278	18	17.9	-18.8	6.7,9.3,12.5	Sgr	Sep AB:54, Sep AC:22	
HD 168021 Bur 639	9050	161304	18	18.7	-18.6	6.8,7.8	Sgr	Sep AB:17	
HD 176884	4477	162130	19	3.1	-19.2	6.9,5,10.7	Sgr	Sep AB:7, Sep AC:20	G5
HD 177517	4488	162177	19	5.7	-15.7	5.9,12.4	Sgr	Sep AB:47	A0p
HD 177817	4496	162201	19	6.9	-16.2	5.9,9.9	Sgr	Sep AB:6	B8
HD 180928	9317	162462	19	19.0	-15.5	6.1,13	Sgr	Sep AB:49	
HD 181558	9332	162511	19	21.6	-19.2	6.3,9.9	Sgr	Sep AB:91	
HD 185298	9413	162843	19	38.7	-10.2	6.6,8.7,11.4	Aql	Sep AB:4, Sep AC:26	
HD 185644 54 Sgr	4637	162883	19	40.7	-16.3	5.4,11.9,8.9	Sgr	Sep AB:46, Sep AC:38	K0
HD 191862 2 Cap	4770	163337	20	12.4	-12.6	5.8,12.1	Cap	Sep AB:72	F5
HD 192947 Alpha 2 Cap; 5 Cap; AE is SI 51; H32	4793	163427	20	18.1	-12.5	3.6,9.5,4.2	Cap	Sep AB:155, Sep AC:378	G5
HD 193150 Sigma Cap; 7 Cap; H V 87	4798	163445	20	19.4	-19.1	5.3,9.2	Cap	Sep AB:56	K0
HD 193432 Nu Cap; 8 Cap; Al shat	4805	163468	20	20.7	-12.8	4.8,11.8	Cap	Sep AB:54	A0
HD 193495 Beta 2 Cap; 9 Cap; Dabih	4806	163481	20	21.0	-14.8	3.4,6.2,9	Cap	Sep AB:205, Sep AC:227	+++
HD 194636 10 Cap; Bur 60; Mitchell	4824	163592	20	27.3	-18.2	5.1,8.9	Cap	Sep AB:3	B8
HD 194943 Rho Cap; 11 Cap; Bur 61; H 668	4828	163614	20	28.9	-17.8	4.8,10,13.2	Cap	Sep AB:.5, Sep AC:55	F0
HD 195094 Omicron Cap; 12 Cap; H 689	4835	163626	20	29.9	-18.6	5.9,6.7	Cap	Sep AB:22	A2
HD 195564	4842	163665	20	32.4	-9.9	5.8,11.7,10	Cap	Sep AB:4.7, Sep AC:103	G5
HD 196662 14 Cap; Hussey 200 (Aa)	4865	163771	20	39.3	-15.0	5.2,12.1	Cap	Sep AB:159	B5
HD 198063	9733	163895	20	48.4	-18.2	7.1,7.1	Cap	Sep AB:15	
HD 205637 39 Cap; H VI 6	5079	164520	21	37.1	-19.5	4.5,10.1	Cap	Sep AB:68	B5p
HD 207098 Delta Cap; 49 Cap; Deneb Algedi	5122	164644	21	47.0	-16.1	2.9,12.7	Cap	Sep AB:119	A5
HD 212698 53 Aqr; H N 762	10067	165078	22	26.6	-16.7	6.4,6.6	Aqr	Sep AB:3	
Tau 1 Aqr	5329	165298	22	47.7	-14.1	5.7	Aqr		B9
HD 216032 71 Aqr; H VI 97	5334	165321	22	49.6	-13.6	4.1,8.7	Aqr	Sep AB:133	K5
HD 217684	10190	165456	23	2.6	-18.5	6.8,8.8,8.8	Aqr	Sep AB:1.1	
HD 219834 94 Aqr	5437	165625	23	19.1	-13.5	5.3,7.3	Aqr	Sep AB:13	G5
HD 222093	5488	165804	23	37.7	-13.1	5.7,9.6	Aqr	Sep AB:33	G5
HD 222574 104 Aqr	5503	165836	23	41.8	-17.8	5.1,7.9	Aqr	Sep AB:121	G0
HD 222661 Omega 2 Aqr	5507	165842	23	42.7	-14.5	4.5,10.5	Aqr	Sep AB:6	A0
HD 223024 H II 24	5514	165867	23	46.0	-18.7	5.7,6.7	Aqr	Sep AB:6	A5
HD 493 Kappa 1 Scl; 10 Scl	32	166083	0	9.4	-28.0	5.4,6.3	Scl	Sep AB:1.4	F2
HD 3605	5674	166443	0	38.8	-25.1	6.4,9.6	Scl	Sep AB:46	
HD 5098	174	166647	0	52.7	-24.0	5.5,9.7	Cet	Sep AB:11	K0
HD 5156 USNO 1	5704	166651	0	53.2	-24.8	6.4,8.4	Cet	Sep AB:5	
HD 10830 Epsilon Scl; 5 Scl	323	167275	1	45.6	-25.1	5.5,8.6,11.5	Scl	Sep AB:5, Sep AC:142	F0
HD 15588	5987	167832	2	29.9	-22.7	6.8,12.5	Cet	Sep AB:28	
HD 16046 Omega For; 24 For	477	167882	2	33.8	-28.2	5.7,7	For	Sep AB:11	B9

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 17713 Gamma 1 For; 3 For; AC=h2161	6042	168081	2	49.9	-24.6	6.1,13.5,10.5	For	Sep AB:12, Sep AC:41	
HD 20010 Alpha For; 3 For	613	168373	3	12.1	-29.0	3.9,7	For	Sep AB:5	F8
HD 20720 Tau 4 Eri; 16 Eri; Angetenar	643	168460	3	19.5	-21.8	3.7,9.2,10.5	Eri	Sep AB:6, Sep AC:40	Mb
HD 20911	6132	168485	3	21.7	-20.3	6.7,12.6	Eri	Sep AB:34	
HD 27710 CD = h3644	886	169368	4	21.5	-25.7	6.6,6.9,12.3,8.9	Eri	Sep AB:8, Sep AC:39, Sep AD:45	F0
HD 28396	6324	169475	4	27.9	-21.5	7.3,7.7	Eri	Sep AB:1.5	
HD 34968	1145	170327	5	20.4	-21.2	4.7,8.5	Lep	Sep AB:4	A0
HD 35162	1151	170351	5	21.8	-24.8	5.4,6.6,9.1	Lep	Sep AB:3, Sep AC:61	G0
HD 37702 Lalande (B); Harvard 77 (C)	6585	170652	5	39.7	-20.4	6.9,7.9,11.3	Lep	Sep AB:12, Sep AC:32	
HD 38393 Gamma Lep; 13 Lep; H V 50; H 199	1281	170759	5	44.5	-22.4	3.6,6.2	Lep	Sep AB:96	F8
HD 38426	6611	170770	5	44.8	-21.7	6.8,11.7	Lep	Sep AB:19	
HD 41841	1394	171236	6	6.5	-23.1	5.5,10.3	Lep	Sep AB:45	A2
HD 45588	1502	171774	6	27.2	-25.9	6.1,11	CMa	Sep AB:42	F8
HD 45941	6830	171831	6	29.4	-22.6	6.8,8.7	CMa	Sep AB:3	
HD 47247 H II 60	6865	172021	6	36.7	-22.6	6.2,10	CMa	Sep AB:9	
HD 48501	6893	172204	6	42.8	-22.4	6.3,8.6	CMa	Sep AB:18	
HD 49891 Bur 324	6918	172389	6	49.7	-24.1	6.3,8.8,13	CMa	Sep AB:31, Sep AC:29	
HD 51055 H V 65	1649	172569	6	55.0	-20.4	5.8,9.3,9	CMa	Sep AB:44, Sep AC:50	A2
HD 51199 19 CMa; H N 123	1653	172579	6	55.6	-20.1	4.7,9.7	CMa	Sep AB:12	F5
HD 51733	1665	172644	6	57.6	-24.6	5.8,7.1	CMa	Sep AB:1	F5
HD 52089 Epsilon CMa; 21 CMa; Adhara, "the virgins"	1670	172676	6	58.6	-29.0	1.5,7.4	CMa	Sep AB:8	B1
HD 52437 FU CMa	6968	172725	7	0.3	-22.1	6.5,10.7	CMa	Sep AB:128	
HD 55271	7018	173152	7	11.3	-21.8	6.9,8.7	CMa	Sep AB:14	
HD 55856	7032	173247	7	13.8	-22.9	6.3,9	CMa	Sep AB:19	
HD 56577 Innes 45	1765	173349	7	16.6	-23.3	4.8,6.8	CMa	Sep AB:27	K5
HD 57061 Tau CMa; 30 CMa	1779	173446	7	18.7	-25.0	4.4,10.5,11.2	CMa	Sep AB:8, Sep AC:15	Oe5
HD 58350 31 CMa; Aludra, "a virgin"; Smythe	1801	173651	7	24.1	-29.3	2.5,6.8	CMa	Sep AB:179	B5p
HD 58510 Hough 522	7074	173684	7	25.1	-21.2	7.1,8.1	CMa	Sep AB:2	
HD 59235	7085	173797	7	28.0	-26.8	6.3,10.3	Pup	Sep AB:16	
HD 60585 H 19	1863	174020	7	34.3	-23.5	5.1,5.9	Pup	Sep AB:10	F2
HD 60863 P Pup	1867	174058	7	35.4	-28.4	4.7,9.3	Pup	Sep AB:38	B8
HD 61555 k Pup; Markeb	1883	174198	7	38.8	-26.8	4.7,4.7	Pup	Sep AB:10	B8
HD 66306	7241	175018	8	1.9	-27.2	6.6,9.3,11.8	Pup	Sep AB:7, Sep AC:30	
HD 73752	2169	176226	8	39.1	-22.7	5.3,,10.7	Pyx		G5
HD 73898 Zeta Pyx	2174	176253	8	39.7	-29.6	4.9,9.1	Pyx	Sep AB:52	G5
HD 83953 I Hya; Sh 364	2446	177840	9	41.3	-23.6	4.8,10	Hya	Sep AB:55	B2p
HD 89694	7726	178706	10	20.6	-23.6	7.5,10.7	Hya	Sep AB:18	
HD 91881	7773	179014	10	36.1	-26.7	6.7,7.5	Hya	Sep AB:1.4	
HD 99922	2776	179935	11	29.6	-24.5	5.5,8.8,8.9	Crt	Sep AB:8, Sep AC:169	A0
HD 100286 17 Crt; H III 96	2787	179967	11	32.3	-29.3	4.9,5.8	Hya	Sep AB:9	G0
HD 114993 Finsen 297	8145	181476	13	14.5	-24.3	6.7,,11.4	Hya		
HD 115659 46 Hya; Smythe	3139	181543	13	18.9	-23.2	3,10	Hya	Sep AB:138	G5
HD 116429	8171	181615	13	24.0	-20.9	6.6,10.6	Vir	Sep AB:4	
HD 118349 H N 69	3189	181790	13	36.8	-26.5	5.7,6.7,11.3,10	Hya	Sep AB:11, Sep AC:198, Sep AD:218	A2
HD 119086 Finsen 352; 335 G	8214	181863	13	41.5	-23.4	6.6,,10.1	Hya		
HD 126769 52 Hya	3360	182570	14	28.2	-29.5	5,,12	Hya		B8

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 129926 H III 97	3417	182855	14	46.0	-25.4	5.2,7.2	Hya	Sep AB:8	F5
HD 130529 H VI 117	3433	182898	14	49.3	-24.3	5.7,8.9	Lib	Sep AB:61	K0
HD 131977	3465	183040	14	57.5	-21.4	5.7,8,13,12	Lib	Sep AB:26, Sep AC:45, Sep AD:189	K5
HD 142114 2 Sco	3684	183896	15	53.6	-25.3	4.7,7.4	Sco	Sep AB:3	B3
HD 142669 Rho Sco; 5 Sco	3700	183957	15	56.9	-29.2	3.9,12.7	Sco	Sep AB:3	B3
HD 143018 Pi Sco; 6 Sco	3710	183987	15	58.9	-26.1	2.9,10.6	Sco	Sep AB:50	B2
HD 145483 12 Sco	3769	184217	16	12.3	-28.4	5.9,7.9	Sco	Sep AB:4	B9
HD 147165 Sigma Sco; 20 Sco; Al Niyat	3806	184336	16	21.2	-25.6	2.9,9.2	Sco	Sep AB:20	B1
HD 147722 H N 39	8652	184368	16	24.7	-29.7	5.4,6.6	Sco	Sep AB:5	
HD 147934 Rho Oph; 5 Oph; H II 19	3826	184381	16	25.6	-23.4	4.6,6.8,7.9,7	Oph	Sep AB:3, Sep AC:152, Sep AD:156	B5
HD 148478 21 Sco; Antares, "the rival of Mars"	3840	184415	16	29.4	-26.4	1.2,5.4	Sco	Sep AB:3	+++
HD 155885 36 Oph	4003	185199	17	15.4	-26.6	5.1,5.1,7.8,8.2	Oph	Sep AB:5, Sep AC:732, Sep AD:8	K0
HD 156349 39 Oph; H III 25	4012	185238	17	18.0	-24.3	5.1,6.9	Oph	Sep AB:11	K0
HD 156897 Xi Oph; 40 Oph	4029	185296	17	21.0	-21.1	4.4,8.9	Oph	Sep AB:4	F5
HD 164584 7 Sgr	4196	186163	18	2.9	-24.3	6.9,8.5	Sgr	Sep AB:36	A5
HD 165814 V3792 Sgr	9012	186350	18	8.9	-25.5	6.8,8.7	Sgr	Sep AB:13	
HD 166464 11 Sgr	4237	186437	18	11.7	-23.7	5,10.7	Sgr	Sep AB:42	K0
HD 166937 Mu Sgr; 13 Sgr; H V 7	4242	186497	18	13.8	-21.1	3.8,11.4	Sgr		B8p
HD 169420 21 Sgr; Jacob 6	4297	186794	18	25.4	-20.5	4.9,7.4	Sgr	Sep AB:2	+++
HD 169851	9086	186837	18	27.7	-26.6	6.9,7	Sgr	Sep AB:1.3	
HD 170141	9088	186863	18	29.0	-26.6	6.7,8.1	Sgr	Sep AB:42	
HD 174974 Nu 1 Sgr; 32 Sgr; Bur 1033; Ain al Rami	4424	187426	18	54.2	-22.7	4.9,10.6,10.6	Sgr	Sep AB:2, Sep AC:28	G5
HD 175191 34 Sgr; Nunki	4435	187448	18	55.3	-26.3	2.9,5	Sgr	Sep AB:309	B3
HD 175775	4452	187504	18	57.7	-21.1	3.5,9.5	Sgr	Sep AB:189	K0
HD 176687 Zeta Sgr; 38 Sgr; Ascella, "the armpit"	4475	187600	19	2.6	-29.9	2.6,,9.9	Sgr		A2
HD 183275 H N 119	4595	188192	19	29.9	-27.0	5.6,8.6	Sgr	Sep AB:7	K0
HD 193281	9604	189164	20	20.5	-29.2	6.6,9.4,8.3,10.2	Sgr	Sep AB:4, Sep AC:27, Sep AD:106	
HD 198732	9751	189801	20	53.0	-23.8	6.3,8.5	Cap	Sep AB:1.7	
HD 200914 24 Cap	4981	190025	21	7.1	-25.0	4.6,11.7	Cap	Sep AB:26	M0
HD 201184 Chi Cap; 25 Cap	4983	190050	21	8.6	-21.2	5.3,11	Cap	Sep AB:67	A0
HD 209014 Eta PsA; 12 PsA	5152	190822	22	0.8	-28.5	5.4,6.8	PsA	Sep AB:1.9	B8
HD 210960 H N 56	5214	190986	22	14.3	-21.1	5.6,7.1,9.1	Aqr	Sep AB:5, Sep AC:212	G5
HD 214599 BC=h5356	10113	191308	22	39.7	-28.3	6.3,7.3	PsA	Sep AB:87	
HD 222872	10336	192116	23	44.5	-26.2	6.3,9	Scl	Sep AB:9	
HD 223352 Delta Scl; Bur 1013	5526	192167	23	48.9	-28.1	4.6,11.5,9.3	Scl	Sep AB:4, Sep AC:74	A0
HD 223466	10348	192180	23	49.8	-25.3	6.4,11.1	Scl	Sep AB:14	
HD 6403	5739	192907	1	4.5	-33.5	6,10.6	Scl	Sep AB:9	
HD 9906 Tau Scl	288	193201	1	36.1	-29.9	5.7,7.1	Scl	Sep AB:1	F0
HD 21635 Chi 3 For; 22 For	6150	194318	3	28.2	-35.9	6.5,10.5	For	Sep AB:6	
HD 24071 f Eri	754	194550	3	48.6	-37.6	4.3,4.9	Eri	Sep AB:8	A0
HD 27376 Upsilon 4 Eri; 41 Eri	861	194902	4	17.9	-33.8	3.6,11.8	Eri	Sep AB:49	B9
HD 27490	6299	194923	4	19.0	-33.9	6.5,8.4	Eri	Sep AB:6	
HD 28143	6314	194996	4	24.9	-34.8	6.6,10	Eri	Sep AB:42	
HD 44402 1 CMa; Furud, "the bright single one"	1470	196698	6	20.3	-30.1	3.7,7	CMa	Sep AB:176	B3
HD 45871	1512	196861	6	28.7	-32.4	5.9,7.9	CMa	Sep AB:1.3	B3
HD 46547	1537	196919	6	32.6	-32.0	6.2,8.7	CMa	Sep AB:24	B3

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 48917 10 Cma; A = FT CMa	1587	197149	6	44.5	-31.1	5.2,10.6	CMa	Sep AB:36	B3p
HD 49591	1607	197215	6	47.4	-37.9	5.3,11.1	Pup	Sep AB:65	B9
HD 50123 H V 108	1623	197263	6	50.4	-31.7	5.7,7.8	CMa	Sep AB:42	B8
HD 52140	6958	197432	6	58.7	-31.0	6.4,9,10	CMa	Sep AB:35, Sep AC:70	
HD 53952	6995	197557	7	5.5	-34.8	6.2,7.6,10,11	Pup	Sep AB:3, Sep AC:37, Sep AD:29	
HD 55718	1733	197694	7	12.4	-36.5	6.8,5	Pup	Sep AB:3	B5
HD 56731	7039	197789	7	17.0	-30.9	6.3,8	CMa	Sep AB:37	
HD 56855 Pi Pup; 16 Pup	1768	197795	7	17.1	-37.1	2.7,7.8	Pup	Sep AB:69	K5
HD 57150 NV Pup	1774	197824	7	18.3	-36.7	4.7,5.1	Pup	Sep AB:240	B3
HD 58420	7069	197951	7	24.0	-35.8	6.3,12.5	Pup	Sep AB:25	
HD 58535 Dawes 129; Bos 1540	1806	197964	7	24.7	-31.8	5.4,7.6	CMa	Sep AB:99	G5
HD 59499	7089	198038	7	28.9	-31.8	6.7,2	Pup	Sep AB:9	
HD 60168 PS Pup	7100	198093	7	31.7	-35.9	6.6,11	Pup	Sep AB:92	
HD 64379	1960	198540	7	52.3	-34.7	5.8,1	Pup	Sep AB:3	F2
HD 66598	2016	198743	8	3.1	-32.5	5.8,8.8	Pup	Sep AB:35	K2
HD 67243 Innes 189	2026	198791	8	5.7	-33.6	6.2,8.7	Pup	Sep AB:22	G5
HD 68978	7297	198958	8	13.6	-31.7	6.7,12.1,11.1	Pup	Sep AB:12, Sep AC:18	
HD 69081 OS Pup	2066	198969	8	14.0	-36.3	5.1,6.1	Pup	Sep AB:67	B3
HD 69445	7307	199010	8	15.9	-30.9	6.4,8.3	Pup	Sep AB:2	
HD 71487 NO Pup; Bur 1605	7353	199222	8	26.3	-39.1	6.1,7.5	Pup	Sep AB:8	
HD 71801	2127	199260	8	28.0	-35.1	5.8,10	Pyx	Sep AB:26	B5
HD 75199	7452	199619	8	47.4	-34.6	6.7,10	Pyx	Sep AB:52	
HD 77737 Rossiter 3619	7502	199924	9	3.3	-33.6	7.2,8.2	Pyx	Sep AB:14	
HD 78922 H N 96	2309	200047	9	9.9	-30.4	5.6,9.5	Pyx	Sep AB:18	A3
HD 86629 Eta Ant	2500	200926	9	58.9	-35.9	5.2,11.2	Ant	Sep AB:31	F0
HD 90972 H N 50	2593	201442	10	29.6	-30.6	5.6,9.6	Ant	Sep AB:11	B9
HD 100407 Xi Hya	2792	202558	11	33.0	-31.9	3.5,10.7	Hya	Sep AB:68	G5
HD 100893	2806	202622	11	36.6	-33.6	5.7,7.9,13.3	Hya	Sep AB:3, Sep AC:48	K0
HD 101406	7931	202689	11	40.0	-38.1	6.7,9.5	Cen	Sep AB:17	
HD 101666 Lalande 133	2826	202717	11	41.7	-32.5	5.2,,8.4	Hya		K5
HD 103192 Beta Hya	2858	202901	11	52.9	-33.9	4.3,5	Hya	Sep AB:.9	B9
HD 105113	7989	203123	12	6.1	-33.0	6.7,8.9	Hya	Sep AB:7	
HD 105686	2894	203183	12	10.0	-34.7	6.3,8.2	Hya	Sep AB:3	A0
HD 106257	8003	203252	12	13.6	-33.8	6.3,8.3	Hya	Sep AB:1	
HD 114509	8134	204212	13	11.5	-35.1	6.6,9.5	Cen	Sep AB:24	
HD 120237	8231	204867	13	48.9	-35.7	6.6,9.6	Cen	Sep AB:12	
HD 120709 H III 101	3253	204916	13	51.8	-33.0	4.5,6.2	Cen	Sep AB:8	B5
HD 120955 H N 51	3257	204944	13	53.2	-31.9	4.7,8.4	Cen	Sep AB:15	B5
HD 120987 H V 124; AC = Bur 1108	3259	204955	13	53.5	-35.7	5.5,8.5,12.7	Cen	Sep AB:67, Sep AC:28	F2
HD 127624	3377	205681	14	33.2	-30.7	6.2,9.5	Cen	Sep AB:3	K0
HD 131432	3453	206079	14	54.6	-33.3	6,10.8,10	Cen	Sep AB:13, Sep AC:58	K0
HD 131625	3455	206099	14	55.7	-33.9	5.3,12.5	Cen	Sep AB:24	A0
HD 136347	8492	206543	15	21.5	-38.2	6.6,9.1	Lup	Sep AB:6	
HD 137432	3574	206660	15	27.3	-36.8	5.5,12.5	Lup	Sep AB:30	B5
HD 139677	8542	206867	15	41.1	-40.0	6.5,7.9	Lup	Sep AB:1.2	
HD 140817 Bos 2038	8549	206968	15	47.1	-35.5	6.8,,7.3	Lup		

Double	NexStar #	SAO #	RA (hr)	RA(min)	DEC	Mag	Const	Sep	SpType
HD 142629 Xi Lup	3701	207144	15	56.9	-34.0	5.1,5.6	Lup	Sep AB:11	A0
HD 143118 Eta Lup; Rumker 21	3714	207208	16	0.1	-38.4	3.4,7.8	Lup	Sep AB:15	B3
HD 144294 Theta Lup	3742	207332	16	6.6	-36.8	4.2,11.8	Lup	Sep AB:41	B3
HD 144667 V856 Sco; See 265	8602	207368	16	8.6	-39.1	6.7,,7	Sco		
HD 144927	8607	207396	16	9.5	-32.6	6.8,7.4	Sco	Sep AB:8	
HD 146836 Brisbane 12	3797	207558	16	19.5	-30.9	5.4,6.9	Sco	Sep AB:23	F2
HD 146954	8647	207574	16	20.5	-39.4	6.1,10.2	Sco	Sep AB:15	
HD 149886 Finsen 340	3876	207878	16	39.1	-37.2	5.9,11.4	Sco	Sep AB:31	A0
HD 151771	8721	208089	16	51.0	-37.5	6.3,8.3	Sco	Sep AB:7	
HD 154310	3975	208406	17	6.3	-37.2	6,11.4,12.9	Sco	Sep AB:7, Sep AC:43	A2
HD 155603	8806	208569	17	14.5	-39.8	6.3,10,11.3	Sco	Sep AB:14, Sep AC:17	
HD 156384 Bos 416; See (D)	4018	208670	17	19.0	-35.0	5.9,6.3,10,12.9	Sco	Sep AB:1.5, Sep AC:31, Sep AD:15	K2
HD 158320 Hough 646	8864	208881	17	30.1	-33.7	6.7,9.6,11.5,9.4	Sco	Sep AB:4, Sep AC:15, Sep AD:59	
HD 158926 Lambda Sco; 35 Sco; Shaula, "the stinger"	4086	208954	17	33.6	-37.1	1.6,12	Sco	Sep AB:95	B2
HD 159176 AC = Hough 647	4089	208977	17	34.7	-32.6	5.7,10.5,10.5	Sco	Sep AB:6, Sep AC:13	Oe5
HD 162220	8939	209357	17	51.2	-30.6	6.7,8.2	Sco	Sep AB:10	
HD 163652	4179	209545	17	58.9	-36.9	5.7,8.2	Sgr	Sep AB:50	G5
HD 164870 Hough 88	4201	209671	18	4.8	-35.9	6,11	Sgr	Sep AB:13	K0
HD 166023	4228	209803	18	10.1	-30.7	5.6,8.6	Sgr	Sep AB:4	K0
HD 167647 RS Sgr	4258	209959	18	17.6	-34.1	6,9.5,8.7,10.2	Sgr	Sep AB:39, Sep AC:94, Sep AD:17	B5
HD 170867 Dunlop 222	4334	210295	18	33.4	-38.7	5.7,6.3	CrA	Sep AB:21	B8
HD 172777 Lambda CrA	4371	210501	18	43.8	-38.3	5.1,10	CrA	Sep AB:29	A0
HD 176270	9236	210816	19	1.1	-37.1	6.4,6.7	CrA	Sep AB:13	
HD 177474 Gamma CrA	4493	210928	19	6.4	-37.1	4.2,5.1	Aql	Sep AB:3	F8
HD 189118 Theta 2 Sgr	4721	211717	19	59.9	-34.7	5.3,10.8	Sgr	Sep AB:36	A3
HD 191957	9567	211916	20	13.7	-34.1	6.7,8.5	Sgr	Sep AB:3	
HD 192472	9581	211948	20	16.4	-36.5	6.3,11.2,12.4	Sgr	Sep AB:38, Sep AC:46	
HD 198232 Alpha Mic	4914	212472	20	50.0	-33.8	5,10	Mic	Sep AB:21	K0
HD 206742 Iota PsA; 9 PsA	5116	213258	21	44.9	-33.0	4.3,11.4	PsA	Sep AB:20	A0
HD 207155 Theta PsA; 10 PsA	5125	213292	21	47.7	-30.9	5,11.3	PsA	Sep AB:36	A2
HD 213398 Piazzzi; Bur 276 (a)	5278	213883	22	31.5	-32.3	4.4,7.9	PsA	Sep AB:30	A0
HD 214122	5292	213948	22	36.6	-31.7	5.8,7.5	PsA	Sep AB:92	K0
HD 222004	10318	214659	23	37.1	-31.9	6.5,8.4	Scl	Sep AB:5	