

System Name	SkyTools ID	Chart	Const.	Mag. A	Mag. B	Mag. C	Mag. D	Sep. AB	Sep. AC	Sep. AD	More Seps.	P.A. AB	P.A. AC	P.A. AD	P.A. Other	RA	Dec
								(")	(")	(")	(")	(°)	(°)	(°)	(°)	(° ' ")	(° ' ")
								Column17	Column17	Column17	Column17	Column17	Column17	Column17	Column17	Column17	Column17
STF 3056 AB,C,D	HD 225220		And	AB 7.72		10.1	10.6	AB,C 26			AB,D 95.3	AB,C 4			AB,D 238	00 04 40	+34 15 54
STF 3060 ABCDE*	HD 113		Peg	9.3	9.6	12		3.4	66			136	272			00 05 56	+18 04 34
STT 7	HD 1696		Cas	9.21	9.81	8.58	7.8	0.9	48.5	109.7		129	259	102		00 21 50	+66 28 01
STF 28, FM 12	HD 1942		And	8.3	8.5	8.9		33	145.9			224	137			00 23 53	+29 30 09
STT 9	HD 2170	2	Cas	6.87	9.67	9.9	11.8	2.1	22.7	74.1	AE 74.3	51	4	54	AE88	00 26 12	+56 46 45
STF 42*	HD 3266		And	8.3	9	11.5		6.3	36.7			20	290			00 36 02	+29 59 34
HJ 1054	HD 4674		Cas	8.11	11.81	9.6	12.03	8.9	92.3		CD 26.8	182	61		CD 239	00 49 40	+60 45 33
BU 1	HD 5005		Cas	8.5	9.3	8.8	9.6	1.5	3.9	9		83	134	194		00 52 49	+56 37 40
STF 162	HD 526	2	Per	6.47	7.22	9.24	10.01	1.9	20.8	138.7		199	179	96		01 49 15	+47 53 47
AG 38	HD 14786		Ari	8.87	9.41	12		34.8	149.2			261	186			02 23 19	+15 25 06
STF 258 + BU 876AB	PPM 67285	7	Tri	7.93	11.27	10.16	10.61	1.2	70.9		CD 6.4	241	152		CD 30	02 23 54	+33 30 28
H III 80		13	Cet	5.88	9.1	10.54		12.1	110.4			296	30			02 26 00	-15 20 28
Iota Cas, STF 262	Iota Cas	2	Cas	AB 4.6		9	8.48	2.6	6.7	210		227	117	10		02 29 03	+67 24 08
STF 270ABC	HD 15407	2	Per	7	9.66	11.37		21.3	48			306	334			02 30 51	+55 32 54
HJ 3518	HD 16601		For	9.38	11.2	11.37		13.3	31.1			15	199			02 38 52	-28 09 58
STF 291	HD 16694	7	Ari	7.6	7.5	9.5		3.4	65.2			118	242			02 41 07	+18 48 01
HJ 658	HD 18058		Cet	9.7	BC 11.18		10.65			126	A,BC 18.0			308	A,BC 24	02 54 25	+09 46 22
STF 373 AB, STTA 33	HD 20588		Cam	7.7	10	7.8	9.2	20	114.8	180.1		120	112	168		03 22 05	+62 44 29
STFA 7 and STF 401	HD 21700	7	Tau	6.5	6.9	10.8		11.4	999			269	129			03 31 21	+27 34 18
STFA 8 Alcyone	Alcyone	7	Tau	2.8	6.2	8.2	8.7	117	182	191		291	313	297		03 47 29	+24 06 18
HJ 2200 ABC	Gamma Cam	3	Cam	4.6	12.4	9		56.3	107.3			247	86			03 50 21	+71 19 56
Zeta Per, STF 464	Zeta Per	7	Per	2.8	9.1	11.2	10.4	12.9	33.3	98.6	AE 120	209	286	195	AE 186	03 54 08	+31 53 01
STF 518 A, BC, D, E	Keid	13	Eri	4.4	BC 9.3	11.1	12.6		77.3	481	A,BC 83.7		97	38	A,BC 102	04 15 16	-07 39 10
HJ 3644 AB,C AB,D	HJ 3644C	21	Eri	AB 6.1		12	8.2	AB,C 41			AB,D 44		AB,C 1		AB,D 42	04 21 31	-25 43 42
STF 533*	V590 Per	7	Per	7.3	8.4	12		20	106.9			61	193			04 24 25	+34 18 53
51 Eri, BU 88, WAL 32	51 Eri	14	Eri	5.2	11.8			28.9	66.7			75	163			04 37 36	-02 28 24
HJ 3677 AB, DAW 81	HD 29792		Eri	9.8	10.2	11.2		10.6			BC 8.5	354			BC 17	04 40 27	-29 34 40
62 Eri, SHJ 48, GMC	62 Eri		Eri	5.4	8.3	11.4		66	127			76	331			04 56 24	-05 10 17
SHJ 49	HR 1600	14	Ori	6	7.4	9.6		39.2	54			306	89			04 58 59	+14 32 36
STF 617 and STF 618	SAO 13346		Cam	7.6	7.9	11.8	9.2	33	148	295		211	194	189		05 03 26	+63 00 18
66 Eri, STF 642, HUB 5	66 Eri		Eri	5.1	9.3	10.8		1.6	52.2			233	10			05 06 46	-04 39 19
STF 697	HD 35173	14	Ori	7.2	8.1	10.8	10.07	25.9	98.1	250		286	284	285		05 23 32	+16 02 26
STF 711 ABCD	HD 35961		Aur	7.78	9.67	11		7.6	174.9			224	254			05 31 29	+54 39 16
STF 718 ABC	HD 36146		Aur	7.47	7.54	11.2		7.7	117.9			73	186			05 32 21	+49 23 36
STF 761	HD 294271	14	Ori	7.8	8.3	8.5	11.8	68.1	72.1	32.7		202	209	308		05 38 37	-02 33 13
STF 762 AB,C,D,E	HD 26551	14	Ori	AB 4	C 8.79	D 6.56	E 6.34	AB,C	B,D 12.8		AB,E 41.4	AB,C 237	AB,D 85		AB,E 62	05 38 44	-02 36 00
HJ 3780	HJ 3780G	14	Lep	6.69	C 8.89	E 7.9	F 8.25		88.8		AE 9		137		AE 9	05 39 16	-17 50 58
STF 788 ABCD	HD 38270		Ori	7.6	10.5	10.8	11.6	7.5	36.2	143.5		91	149	211		05 44 43	+03 49 53
STF 796	HD 38819	7	Aur	7.2	8.2	10.2		3.7	209.6			62	325			05 49 56	+31 47 09
STF 815	HD 39731		Ori	8.3	9.8	9.7		13	85			137	309			05 54 35	+05 21 13
BU 193	HD 43286	14	Ori	6.9	12	10		19.5	57.8			97	232			06 15 30	+03 57 30
STF 866	HD 43016		Cam	8.89	10.12	9.58		17.7	80			197	269			06 18 16	+62 11 52
S 516	HD 44144	22	CMa	7.32	8.29	7		59.6	300.4			8	243			06 19 15	-24 58 29.8
HJ 3858	HR 2329	22	Col	6.4	7.61	8.24		134.4			BC 3.9	48			BC 310	06 25 30	-35 02 21
5 Lyn, S 514, WAL 46	5 Lyn	3	Lyn	5.3	11.9	7.9	12.2	32.4	94.9	92.8		140	272	168		06 26 49	+58 25 03
10 Mon, BUP 89	10 Mon		Mon	5	9.57	9.85		77	78			257	232			06 27 58	-04 45 44
HJ 3875+BU 755	HJ 3875C	22	Col	5.86	6.94	11.5		1.5	21			260	302			06 35 24	-36 46 47
STF 982 ABC	38 Gem	8	Gem	4.7	7.8	11.3		7.3	118.7			142	328			06 54 39	+13 10 40

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								(")	(")	(")		(")	(°)	(°)		(°)	(°)
STF 1007 AD	HD 52155	8	Gem	7.4	11.4	10	7.7	14.6	21.8	67.7		300	244	28		07 00 37	+12 43 24
STF 1054	HD 56327		Gem	8.16	9.96	9.93		18.6	96.9			292	274			07 18 05	+34 57 06
Tau CMa, HJ 3948	Tau Cma	22	CMa	4.4	10.2	11.2	8.2	8.3	14.2	84.8		90	87	77		07 18 42	-24 57 16
STF 1075*	HD 57974		Cam	8.53	10.57	9.75		7.5	224.3			345	334			07 27 44	+62 59 45
STF 1102 ABDE	HD 59432		Gem	7.3	9.2	D 8.04	E 11.9	7.7		112	BE 30.4	45		131	BE 3	07 30 26	+13 51 59
Castor ABCD, STF	Castor	8	Gem	1.9	2.9	9.8	10.7	5.3	69.8	179.8		52	163	221		07 34 36	+31 53 18
Zeta 2 Cnc, STF 1196	Zeta 2 Cnc	8	Cnc	AB 5.3		5.8	8.9	AB 1.1	AB,C 5.9		AB,D 275	AB,C 64	62	AB,D 107	AB,D 107	08 12 13	+17 38 51
STF 1169, PKO 21	HD 67064		Cam	8.4	8.6	11		20.8	65.9			15	125			08 16 31	+79 30 03
HJ 4106+LDS 223	HD 72435		Pyx	7.86	9.9	10.35		6.2	47.7			308	219			08 31 25	-36 41 36
STF 1245	HR 3395	15	Cnc	5.98	7.16	10.7	11.9	10.1	100.4	110.3		25	109	292	AE 207	08 35 51	+06 37 14
S 571	HD 73619	15	Cnc	AB 7.31	12.3	7.47	D 6.67	0.9	45.7	91.8	DE 35.4	290	157	241	DE 3	08 39 56	+19 33 11
ENG 37	39 Cnc		Cnc	6.47	6.58	9.03		151.8	134	134.9		150	309			08 40 06	+20 00 28
HDO 204*			Pyx	6.96	11.9	11.8		15.6	20.1			327	278			08 45 57	-32 09 50
STF 1300	HD 77175		Cnc	9.4	9.7	10.2		5	202	198		178	13	61		09 01 17	+15 15 56
STF 1316	HD 78391		Hya	8.8	10.7	9.9		7.2	8.1			137	280			09 07 52	-07 08 20
HU 227	HD 78642		Hya	7.7	10.2	11		2.5	26.9			223	325			09 09 01	-14 11 03
HJ 4199	HD 80589		Pyx	8.29	9.48	8.2		11.7	6.7			111	269			09 19 58	-27 46 35
STF 1364, HJ 466	HD 82372		Leo	8.6	9.7	12.48		16.7	37.5			155	76			09 32 01	+20 02 49
STT 204, WAL 56	HD 83452		Leo	6.7	10.7	10.6		8.2	85.7			99	81			09 38 45	+10 46 39
STF 1415	HR 4021		UMa	6.6	7.2	10.8		16.6	153.3			168	13			10 17 51	+71 03 39
36 UMa, LDS 2863	36 UMa		UMa	4.8	8.8	11.4		122.8	240.6			303	292			10 30 37	+55 58 50
STF 1464	HD 92614		Sex	8.26	10.26	10.51		5.8	66.7			302	226			10 41 35	-00 16 21
JC 16	HR 4428		Crt	5.82	8.6	8.86		8.06	169.6			82	115			11 29 39	-24 27 51
DUN 116 ABC	HD 103743		Hya	7.6	7.8	11.6		18.7	28.9			82	32			11 56 42	-32 16 05
STF 1604	STF 1604B		Crv	6.8	10	8.1		9	10.5			88	3			12 09 29	-11 51 25
STF 1608 ABC	HD 105963		UMa	8	8.2	11		13.6	999			221	117			12 11 27	+53 25 17
SHJ 143	12 Com		Com	4.8	11.8	8.9		36.7	59			57	168			12 22 30	+25 50 46
STF 1659 "Stargate"	STF 1659S		Crv	7.9	8.3	10.8	9.8	27.6	43.3	189.6	AE 152	352	71	31	AE 275	12 35 44	-12 01 30
HJ 2617+BKO 114	HD 110279		CVn	8.41	9.61	11.02		5.8	172.1			3	176			12 40 37.4	+40 17 16
STF 1669	HR 4821		Crv	5.8	5.8	10.3		5.3	45.9			313	228			12 41 16	-13 00 54
STF 1685	HD 111844		Com	7.3	7.7	8.2		15.8	243			200	328			12 51 54	+19 10 19
STF 1691 ABC*	HD 112311		UMa	8.5	9.8	9.6		18.7	130			276	84			12 54 60	+58 09 38
STFA 25 ABC	HD 115136		Dra	6.6	7	8.8		179	105		BC 178	296	223		BC150	13 13 28	+67 17 17
STT 269+ARN 8	HD 117902		CVn	AB 7.2		9.18	8.4		123.4	351.6			AB,C332		AB,D259	13 32 51	+34 54 25
STF 1769	HIP 66514		CVn	7.91	10.42	9.28	12.98	1.6	56.5	151.6		45	259	188		13 38 01	+39 10 41
STF 1808*	HD 123963		Boo	8.8	9.6	11.8			2.6	61.2		83	109			14 10 07	+26 35 58
STF 1830 & 1831	HD 125140		UMa	7.1	9.5	6.7	E 9.3	5.8	112	112	EF 10.4	138	219		CD 116	14 15 60	+56 41 21
STF 1843	SAO 45047		Boo	7.68	9.23	9.72		19.9	100.4			186	63			14 24 39	+47 49 50
STF 1854	STF 1854B		Boo	6	10.6	11		25.6	106.9			26.1	121			14 29 49	+31 47 28
BU 31	HD 131334		Boo	8.53	10.26		11.62	2		90		222	259			14 52 30	+18 44 19
STF 1896	STF 1896C		Boo	8.97	9.47	10.93		4.1	65			277	341			14 58 22	+44 02 36
STF 1964ACD	HD 139691		CrB	8.07		C8.06	9.02		14.5	15.1	CD 1.5		90	85		15 38 13	+36 14 49
STF 1996 ABC	HD 238521		Dra	10.2	10.6	10.5		19.4	161			108	141			15 56 31	+57 16 58
STF 2007	HD 144564		Ser	6.8	7.9	10.8		38.6	162.7			322	137			16 06 03	+13 19 16
STF 2011	HD 144999		CrB	7.9	10.2	9.4		2.7	118			67	350			16 07 38	+38 59 44
SHJ 223ACDE	Upsilon CrB		CrB	5.79	E 12	10.44	10.35		87.5	123.3	AE 15		21	50	AE 15	16 16 45	+29 09 01
Rho Oph, H 2 19	Rho Oph		Oph	5	5.7	7.2	6.8	2.9	149.2	156		337	0	252		16 25 35	-23 26 47
STF 2052	HD 148653		Her	7.69	7.91	11.8		2.4	141.4			118	41			16 28 53	+18 24 51
STF 2050 ABCD	HD 148759		Oph	8.2	9.7	9.3		5.6	140.7			219	295			16 30 50	-13 07 58

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								(")	(")	(")	(")	(°)	(°)	(°)	(°)	(° ' ")	(° ' ")
STFA 31ABC	37 Her		Her	5.76	6.92	11.4		69.6	25.9			229	316			16 40 38	+04 13 11
STF 2083	HD 150782		Her	9.13	9.56	11.38		12.7	119.1			334	191			16 42 44	+13 36 29
HJ 4935, Gliese 667	HJ 4935C		Sco	AB 6.3		10.2	12.4	AB,C			AB,D 31.4	AB,C 141			AB,D 287	17 18 57	-34 59 23
STF 2302	HD 166655		Dra	7	9.6	8.1		5.7	23	18.3		248	278	287		18 02 51	+75 47 22
100 Her, STF 2280	100 Her		Her	5.81	5.84	11.8		14.4	79.9			183	127			18 07 50	+26 06 04
STF 2379	5 Aql		Aql	5.88	7.02	11.3		12.6	21.8			122	156			18 46 29	+00 57 42
STT 525, SHJ 282	HR 7140		Lyr	6.1	9.1	7.6	11	1.8	45.5	214.8		130	350	295		18 54 52	+33 58 06
STF 2521 ABCD	STF 2521B		Vul	5.8	10.5	10.5	10.5	29	75	152		32	326	62		19 26 29	+19 53 30
Delta Cyg, STF 2579	Delta Cyg		Cyg	2.8	6.2	12		2.8	62.5			216	67			19 44 58	+45 07 50
STF 2673, 2374	SAO 106040		Del	8.29	9.75	8.6	11.4	2.4	76.5		CD 15	326	100		CD 1	20 22 44	+13 20 25
BU 987, S 752	HD 195358		Del	6.8	11.1	7.3		2.6	106			126	288			20 30 14	+19 25 15
STF 2787	HD 203383	19	Aqr	7.49	8.64	11.41		22.4	70.7			20	94	151		21 21 48	+02 01 38
STF 2799	HD 204509	19	Aqr	7.3	7.4	10.2		1.9	135.9			258	331			21 28 53	+11 05 05
STF 2816	PPM 39703	2	Cep	5.7		7.4	7.5		11.8	20.4			121	339		21 38 58	+57 29 20
STF 2944	HD 215812	19	Aqr	7.3	7.68	8.58		1.8	60.6			307	85			22 47 50	-04 14 43
HJ 1823	HD 216369	6	Lac	7.06	11.48	8.11	D 11.25	18.7	81.6		AE 119	264	338		AE 263	22 51 49	+41 18 46
AR Cass, STT 496	AR Cas	2	Cas	4.8	9.3	7.2	F 10.59	0.8	74.9	39.9	AF 67.2	356	269		AF 338	23 30 02	+58 32 56