

Spectral Star GOTO Observing List for 41N Latitude ver 1.0 12-30-2010
Sort order: J2000RA,J2000Dec

Cat_Id	Con	GotoSlewld	J2000_Position	V_mag	Type_Simbad	Kaler	Common_names	Spec	Sep_arcsec
alf And	And	SAO73765	J000824.00+290524.0	2.06	SB*		Alpheratz	B8IVmnp...	81.5
bet Cas	Cas	SAO21133	J000909.60+590900.0	2.27	dS*	Kaler012	Caph	F2IV	
gam Peg	Peg	SAO91781	J001314.40+151048.0	2.83	bC*		Algenib	B2IV	
X And	And	GCVS10007	J001609.60+470036.0	8.5	Mi*			Sevar...	
R And	And	SAO53860	J002402.40+383448.0	7.39	Mi*			Se...	
alf Phe	Phe	SAO215093	J002616.80-421836.0	2.37	SB*		Ankaa	K0III	
del And	And	SAO54058	J003919.20+305136.0	3.28	SB*			K3III	28.7
alf Cas	Cas	SAO21607	J004031.20+563224.0	2.25	V*		Schedar	K0IIIa	
alf Cas	Cas	SAO21607	J004031.20+563224.0	2.25	V*		Shedir	K0IIIa	19.8
32 And	And	SAO54079	J004107.20+392736.0	5.33	*	KalerStSp		G8III	
bet Cet	Cet	SAO147420	J004336.00-175924.0	2.04	V*	Kaler029	Deneb Kaitos; Diphda	K0III	
CD-38 245	Scl		J004636.00-373936.0	12	*	Kaler019			
eta Cas	Cas	SAO21732	J004907.20+574912.0	3.45	SB*	KalerStSp	Achird; Easter Egg Double; BU 1008	G0V	13.1
Wolf028	Psc		J004909.60+052324.0	12.36	WD*	KalerStSp	Van Maanen's Star;WD0046+051	DG	
gam Cas	Cas	SAO11482	J005643.20+604312.0	2.39	Be*	Kaler043		B0IVpe	2.1
U Cep	Cep	SAO168	J010219.20+815248.0	6.92	Al*	KalerStSp	ups Cep	B8V+...	
bet Phe	Phe	SAO215365	J010604.80-464312.0	3.32	V*		SLR 1AB	G8IIIvar	1.4
mu. Cas	Cas	SAO22024	J010816.80+545512.0	5.12	SB*		STF2130AB	G5Vb	8.4
bet And	And	SAO54471	J010943.20+353712.0	2.06	V*	KalerStSp	Mirach; Mirak	M0III	27.0
R Scl	Scl	SAO193122	J012657.60-323224.0	5.77	C*			CII...	
ZZ Cet	Cet	GCVS210054	J013614.40-112024.0	14.16	ZZ*	Kaler100	WD0133-11	DA	
UV Cet	Cet	GCVS210035	J013902.40-175700.0	12.52	Fl*	KalerStSp	Cl* Melotte 25 EGG 8	M5.5e	
107 Psc	Psc	SAO74883	J014228.80+201612.0	5.2	V*			K1V	19.0
tau Cet	Cet	SAO147986	J014404.08-155614.9	3.5	PM*			G8V	
eps Cas	Cas	SAO12031	J015424.00+634012.0	3.34	V*	KalerStSp		B3III	
bet Ari	Ari	SAO75012	J015438.40+204836.0	2.64	SB*		Sharatan; Sheratan	A5V	
alf Hyi	Hyi	SAO248474	J015845.60-613412.0	2.9	PM*			F0V	3.8
L1159-16	Ari	GCVS70033	J020012.00+130300.0	12.26	Fl*	KalerStSp		M4.5	
alf Ari	Ari	SAO75151	J020709.60+232736.0	2	V*		Hamal	K2III	
G134-22	And		J021657.60+425812.0	16.23	WD*	KalerStSp		DC	
omi Cet	Cet	SAO129825	J021921.60-025848.0	3.04	Mi*	Kaler059	Mira. HMM	M7IIIe	73.1

alf UMi	UMi	SAO308	J023148.00+891536.0	2	cC*	Kaler070	Polaris; WRH 38Aa,Ab	F7:1b-Iivar	18.4
gam Cet	Cet	SAO110707	J024319.20+031424.0	3.47	PM*			A3V	2.8
eta Per	Per	SAO23655	J025040.80+555400.0	3.77	*j*		MCA 37	K3Ib...	28.3
alf Cet	Cet	SAO110920	J030216.80+040524.0	2.56	V*		Menkar	M1.5IIIa	
gam Per	Per	SAO23789	J030448.00+533036.0	2.94	Al*		HJ 5367	G8III+...	57.0
bet Per	Per	SAO38592	J030809.60+405736.0	2.12	Al*	Kaler005	Algol; Demon Star	B8V	57.5
alf Per	Per	SAO38787	J032419.20+495136.0	1.81	V*	KalerStSp	Mirfak;Mirphak	F5Iab:	
eps Eri	Eri	SAO130564	J033255.20-092736.0	3.73	BY*	Kaler034		K2V	
U Cam	Cam	SAO12870	J034148.00+623900.0	7.35	C*			N...	
23 Tau	Tau	SAO76172	J034619.20+235700.0	4.16	*iC	Kaler058	Merope	B6IVe	
eta Tau	Tau	SAO76199	J034728.80+240636.0	2.87	Be*		Alcyone	B7III	
zet Per	Per	SAO56799	J035407.20+315248.0	2.88	V*		STF 464	B1Iab:	12.6
eps Per	Per	SAO56840	J035750.40+400036.0	2.9	bC*		RMK 7	B0.5V+...	8.8
lam Tau	Tau	SAO93719	J040040.80+122924.0	3.31	Al*			B3V+	
omi02 Eri	Eri	SAO131063	J041516.80-073900.0	4.41	Fl*	Kaler041	H 3 23 AC; Keid	K1V	82.8
40 Eri	Eri	SAO131063	J041516.80-073900.0	4.41	Fl*	Kaler041	H 3 23 AC; Keid	K1V	
T Tau	Tau	GCVS780003	J042200.00+193224.0	9.6	TT*	Kaler092		G5V:e...	
khi Tau	Tau	SAO76573	J042236.00+253748.0	5.37	*j*			B9V	19.4
tet02 Tau	Tau	SAO93957	J042840.80+155212.0	3.4	dS*		RST3352	A7III	337.4
alf Tau	Tau	SAO94027	J043555.20+163036.0	0.85	V*	KalerStSp	Aldebaran; The Follower; Hindmost	K5III	
RV Tau	Tau	GCVS780014	J044707.20+261048.0	9.41	RV*	KalerStSp		K3pvar	
pi.02 Ori	Ori	SAO112124	J045036.00+085400.0	4.35	*	KalerStSp		A1Vn	
ST Cam	Cam	SAO13285	J045114.40+681012.0	6.67	C*			N...	
iot Aur	Aur	SAO57522	J045700.00+331012.0	2.69	V*		Ayn; Hassaleh	K3II	
R Lep	Lep	SAO150058	J045936.00-144836.0	8.1	Mi*	Kaler075	Hind's Variable Crimson Star	CIIe...	
eps Aur	Aur	SAO39955	J050157.60+434912.0	3.03	Al*	Kaler033	STF1877 AB	A8Iab:	21.2
W Ori	Ori	SAO112406	J050524.00+011048.0	5.88	C*			CII...	
CD-45 1841	Pic	GCVS650044	J051140.80-450112.0	8.89	V*	Kaler053	Kapteyn's Star	M1	
bet Ori	Ori	SAO131907	J051431.20-081200.0	0.12	Em*	KalerStSp	Rigel; Leg of the Giant	B8Iab:	9.5
alf Aur	Aur	SAO40186	J051640.80+460000.0	0.08	RS*	Kaler018	Capella; She Goat Star; ANJ 1Aa	G5IIIe+...	46.6
tau Ori	Ori	SAO131952	J051736.00-065024.0	3.59	*j*			B5III	35.2
eta Ori	Ori	SAO132071	J052428.80-022400.0	3.38	bL*		MCA 18Aa	B0.5V	1.5

eta Ori	Ori	SAO132071	J052428.80-022400.0	3.21	bL*			B0.5V	
gam Ori	Ori	SAO112740	J052507.20+062100.0	1.64	V*		Bellatrix	B2III	
bet Tau	Tau	SAO77168	J052616.80+283636.0	1.68	*j*		Bogardus; bet Tau or gam Aur	B7III	
bet Tau	Tau	SAO77168	J052616.80+283636.0	1.68	*j*		Elnath; Alnath	B7III	
del01 Ori	Ori	SAO132220	J053200.40-001756.7	2.2	*	Kaler027	Mintaka	B0III+O9V	
del01 Ori	Ori	SAO132220	J053200.40-001756.7	2.23	EB*	Kaler027	Mintaka	O9.5II+...	
del Ori	Ori	SAO132220	J053200.40-001756.7	2.23	EB*	Kaler027	STF1954AB	O9.5II+...	32.8
alf Lep	Lep	SAO150547	J053243.20-174912.0	2.59	V*		Arneb	F0Ib	
NGC1952	Tau		J053431.92+220036.0	99.9	SNR	Kaler024	Crab Nebula	F	
M1 (STScI- PRC2005- 37)	Tau		J053431.92+220036.0	99.9	SNR	Kaler024	Crab Nebula	F	
lam Ori	Ori	SAO112921	J053507.20+095548.0	3.39	**			O...	4.4
tet01 Ori	Ori	SAO132314	J053519.20-052324.0	99.9	CI*	Kaler093	Trapezium in Orion Nebula		13.0
iot Ori	Ori	SAO132323	J053526.40-055436.0	2.77	SB*		HU 580AB	O9III	11.3
eps Ori	Ori	SAO132346	J053612.00-011200.0	1.7	Em*		Alnilam	B0Iab:	
zet Ori	Ori	SAO132444	J054045.60-015624.0	1.79	**		Alnitak; RST1205AB	O9.5Ib	2.5
gam Lep	Lep	SAO170759	J054428.80-222700.0	3.6	PM*		WRH 29Aa	F7V	96.3
EU Ori	Ori	GCVS600184	J054521.60+090412.0	8.94	FU*	Kaler042	Nova Ori 1939	G3Iavar	
mu. Col	Col	SAO196149	J054600.00-321836.0	5.14	V*	Kaler062		O9.5V	
bet Pic	Pic	SAO234134	J054716.80-510412.0	3.86	*	Kaler014		A5V	
kap Ori	Ori	SAO132542	J054745.60-094012.0	2.04	V*		Saiph	B0Iab:	
LP658-2	Ori		J055509.60-041012.0	14.45	WD*	KalerStSp		DZ...	
alf Ori	Ori	SAO113271	J055509.60+072436.0	0.58	sr*	Kaler015	Betelgeuse; Giant's Shoulder	M2Iab:	
bet Aur	Aur	SAO40750	J055931.20+445700.0	1.89	Al*		Menkalinan	A2IV+...	184.6
del Aur	Aur	SAO25502	J055931.20+541648.0	3.73	*j*			K0III	115.4
tet Aur	Aur	SAO58636	J055943.20+371236.0	2.62	V*		tet Cep	A0sp...	3.2
eta Gem	Gem	SAO78135	J061452.80+223036.0	3.32	sr*		Propus	M3III	1.4
bet CMa	CMa	SAO151428	J062240.80-175736.0	1.98	bC*	Kaler011	Mirzam; Murzim	B1II	
mu. Gem	Gem	SAO78297	J062257.60+223036.0	2.91	V*		DUN 180 AC	M3III	121.7
alf Car	Cen	SAO234480	J062357.60-524200.0	-0.72	*	Kaler017	Canopus	F0II	
BL Ori	Ori	SAO95659	J062528.80+144312.0	6.31	C*			CII...	
UU Aur	Aur	SAO59280	J063633.60+382700.0	5.44	C*			CII...	
V* V640 Mon	Mon	SAO114146	J063724.04+060807.4	6.06	Em*		Plaskett Star; Plaskett's Star	O8V+...	

gam Gem	Gem	SAO95912	J063743.20+162400.0	1.9	*j*		Alhena	A0IV	135.5
nu Pup	Pup	SAO218071	J063745.60-431200.0	3.17	Ce*			B8III	240
R Mon	Mon	GCVS550001, NGC2261	J063909.60+084424.0	10.37	Or*	Kaler076	Hubble's Variable Nebula; star is R Mon in Kaler	B...	
eps Gem	Gem	SAO78682	J064355.20+250748.0	3.01	V*		Mebsuta	G8Ib	110.3
alf CMa	CMa	SAO151881	J064509.60-164312.0	-1.47	SB*	Kaler085	Sirius; Dog Star; AGC 1AB	A1V	7.2
eps CMa	CMa	SAO172676	J065838.40-285812.0	1.51	*j*	Kaler002	Adhara; Adara; STF2603	B2Iab:	7.5
W CMa	CMa	SAO152427	J070802.40-115512.0	6.73	C*			CII...	
del CMa	CMa	SAO173047	J070824.00-262324.0	1.84	V*		Wezen; Wesen	F8Iab:	
del Gem	Gem	SAO79294	J072007.20+215848.0	3.53	SB*		Wasat; STF1066A	F0IV	5.7
eta CMa	CMa	SAO173651	J072404.80-291800.0	2.4	V*		Aludra	B5Iab:	
bet CMi	CMi	SAO115456	J072709.60+081724.0	2.88	Em*		Gomeisa	B8Ve	
sig Pup	Pup	SAO218755	J072914.40-431800.0	3.25	SB*		STT 270	K5III	22.3
alf Gem	Gem	SAO60198	J073436.00+315324.0	1.59	PM*		Castor; STF1110AB	A2Vm	4.3
alf CMi	CMi	SAO115756	J073919.20+051312.0	0.34	SB*	KalerStSp	Procyon; Little Dog Star	F5IV-V	2.8
YZ Cmi	CMi	GCVS150053	J074440.80+033300.0	11.12	FI*			M4.5V:e	
bet Gem	Gem	SAO79666	J074519.20+280148.0	1.15	V*	KalerStSp	Pollux	K0IIIb	
zet Pup	Pup	SAO198752	J080336.00-400000.0	2.21	BY*	KalerStSp	Naos; Pup	O5Ia...	
gam02 Vel	Vel	SAO219504	J080931.20-472024.0	1.8	**	Kaler045	STF 24	WCvar+...	41.2
omi UMa	UMa	SAO14573	J083016.80+604312.0	3.36	V*			G5III	7.1
del Vel	Vel	SAO236232	J084443.20-544236.0	1.95	EB*			A1V	2.6
eps Hya	Hya	SAO117112	J084645.60+062512.0	3.38	BY*		** STF 1273C	G5III	
X Cnc	Cnc	SAO98230	J085524.00+171348.0	6.21	C*			CII...	
iot UMa	UMa	SAO42630	J085912.00+480224.0	3.1	SB*		SEE 258AB	A7V	4.5
lam Vel	Vel	SAO220878	J090800.00-432548.0	2.22	V*	KalerStSp		K4Ib-II	
bet Car	Car	SAO250495	J091312.00-694312.0	1.7	PM*	KalerStSp		A2IV	
alf Hya	Hya	SAO136871	J092736.00-083936.0	2	V*	Kaler007	Alphard; Lonely One	K3II-III	
omi Leo	Leo	SAO98709	J094109.60+095324.0	3.53	SB*		HMM 1Aa,Ab	A5V+...	85.4
W Uma	UMa	SAO27364	J094345.60+555700.0	8.54	EB*	Kaler098		F8V:p+	
ups Car	Car	SAO250695	J094707.20-650412.0	2.96	**		DUN 102 AB; V* u Car	A9	5.0
CW Leo	Leo	GCVS460123	J094757.38+131643.7	11	V*	Kaler052	Peanut Nebula; IRC+10 216	C . . .	
V* x Vel	Vel	SAO221606	J095526.40-413524.0	6.88	C*			C	106.0
eta Leo	Leo	SAO98955	J100719.20+164536.0	3.51	V*	KalerStSp		A0Ib	

alf Leo	Leo	SAO98967	J100821.60+115812.0	1.35	V*	KalerStSp	Regulus; Little Rex; Indigo Star	B7V	176.9
zet Leo	Leo	SAO81265	J101640.80+232512.0	3.44	V*			F0III	4.6
mu. UMa	UMa	SAO43310	J102219.20+413000.0	3.06	SB*			M0III	
U Ant	Ant	SAO201531	J103512.00-393336.0	5.5	sr*			N:var...	
U Hya	Hya	SAO156110	J103733.60-132248.0	4.93	C*			CII...	
HD093129A	Car	SAO238396	J104357.60-593300.0	6.97	**	Kaler050		O3lab:...	
eta Car (STScI- PRC1996-023a)	Car		J104502.40-594048.0	6.21	V*	Kaler037	eta Carina: The Doomed Star eta Carina	?p	
eta Car	Car	SAO238431	J104502.40-594048.0	6.21	V*	Kaler037		?p	
VY UMa	UMa	SAO15274	J104504.80+672436.0	5.95	C*			CII...	
Wolf359	Leo	GCVS460114	J105628.80+070036.0	13.54	FI*	KalerStSp	CN Leo	M5.5V	
bet UMa	UMa	SAO27876	J110150.40+562248.0	2.34	V*		Merak; Loins of the Greater Bear	A1V	
alf UMa	UMa	SAO15384	J110343.20+614500.0	1.79	SB*	KalerStSp	Dubhe; Back of the Greater Bear	K0lab:	
WX UMa	UMa	GCVS830046	J110531.20+433112.0	14.45	FI*	KalerStSp		M6	
bet Leo	Leo	SAO99809	J114902.40+143412.0	2.14	dS*		Denebola	A3V	
gam UMa	UMa	SAO28179	J115350.40+534124.0	2.42	Em*		Phad; Phecda; Thigh of the Greater Bear	A0Ve	
GW Vir	Vir	GCVS860205	J120145.60-034536.0	14.87	ZZ*	Kaler069		DO	
del Cen	Cen	SAO239689	J120821.60-504312.0	2.56	Be*		STFA 58 AC	B2IVne	268.6
eps Crv	Crv	SAO180531	J121007.20-223712.0	3.01	V*		Minkar	K2III	
HZ21	Com		J121355.20+325624.0	14.22	WD*	Kaler051		DA:	
del UMa	UMa	SAO28315	J121526.40+570148.0	3.3	V*		Megrez; Root of the Tail of the Greater Bear	A3V	
gam Crv	Crv	SAO157176	J121548.00-173224.0	2.59	V*		Gienah	B8III	
eta Vir	Vir	SAO138721	J121954.36-004000.5	3.9	**			A2IV	
alf01 Cru	Cru	SAO251904	J122636.00-630600.0	1.4	SB*	Kaler001	DUN 252AB	B0.5IV	4.4
del Crv	Crv	SAO157323	J122952.80-163112.0	2.95	V*		Algorab; STF2579AB	B9.5V	24.2
gam Vir	Vir	SAO138917	J124140.80-012700.0	3.6	V	KalerStSp	29 Vir	F0V	
S UMa	UMa	SAO15883	J124357.60+610524.0	8.87	S*			Sevar...	
Y Cvn	Cvn	SAO44317	J124507.20+452624.0	5.28	C*			Clab:...	
bet Mus	Mus	SAO252019	J124616.80-680636.0	3.07	**		R 207	B2.5V	1.4
RU Vir	Vir	GCVS860013	J124719.20+040824.0	9	Mi*			Rpevar	
eps UMa	UMa	SAO28553	J125402.40+555736.0	1.76	a2*		Alioth; The Goat	A0p...	
alf02 CVn	CVn	SAO63257	J125602.40+381912.0	2.9	a2*	Kaler023	Cor Caroli; STF1692	A0spe...	19.6
RY Dra	Dra	SAO15945	J125626.40+655924.0	6.53	C*			C...	

RS CVn	CVn	SAO63382	J131037.00+355606.9	8.23	RS*	Kaler081		F4V+...	
bet Com	Com	SAO82706	J131152.80+275248.0	4.26	PM*	KalerStSp		G0V	
zet01 UMa	UMa	SAO28737	J132355.20+545548.0	2.27	SB*	Kaler060	Mizar; The Horse, The Waist Cloth; HUT 1Ca	A2V	0.1
alf Vir	Vir	SAO157923	J132512.00-110936.0	1.04	El*	Kaler088	Spica	B1III-IV+...	
zet02 UMa	UMa	SAO28737	J132514.40+545924.0	4	V*	Kaler060	Alcor; The Friendless One	A5V	
W Vir	Vir	SAO139335	J132602.40-032248.0	9.69	WV*	KalerStSp		F0Ib...	
EK Com	Com	SAO82868	J133048.00+241348.0	8.17	V*	Kaler040		G5II	
zet Vir	Vir	SAO139420	J133441.59-003545.0	3.4	*			A3V	
eta UMa	UMa	SAO44752	J134733.60+491836.0	1.85	V*	KalerStSp	Alkaid; Chief Mourner of the Daughters of the Bier	B3V	
eta Boo	Boo	SAO100766	J135440.80+182400.0	2.68	SB*	KalerStSp	Muphrid; STF 60AB	G0IV	112.6
alf Dra	Dra	SAO16273	J140424.00+642248.0	3.64	SB*	Kaler094	Thuban	A0III	
alf Boo	Boo	SAO100944	J141540.80+191048.0	-0.04	V*	Kaler009	Arcturus; Bear Keeper Star	K1.5III	
lam Boo	Boo	SAO44965	J141624.00+460524.0	4.18	PM*	Kaler056		A0p	
alf Cen C	Cen	GCVS190645	J142943.20-624048.0	11.05	Fl*	Kaler006	Proxima Cen	M5.5Ve	
gam Boo	Boo	SAO64203	J143204.80+381836.0	3	dS*		Seginus	A7III	33.4
alf Cen	Cen	SAO252838	J143936.00-605024.0	-0.1	**	Kaler006	RHD 1AB	G+...	9.8
eps Boo	Boo	SAO83500	J144500.00+270412.0	2.39	**		Izar; FIN 312	A0	3.0
109 Vir	Vir	SAO120648	J144614.40+015324.0	3.7	V			A0V	
bet UMi	UMi	SAO8102	J145043.20+740936.0	2.07	V*	Kaler094	Kochab	K4III	
alf Lib	Lib	SAO158840	J145052.80-160224.0	2.8	**	Kaler099	Zubenelgenubi; SHJ 186 AB, The Southern Claw		231.0
alf02 Lib	Lib	SAO158840	J145052.80-160224.0	2.75	V*	Kaler099	Zubenelgenubi; SHJ 186 AB, The Southern Claw	A3IV	231.0
ksi Boo	Boo	SAO101250	J145124.00+190600.0	4.55	Fl*		GLE 2Aa,P	G8V	6.3
BD-20 4123	Lib	SAO183040	J145726.40-212436.0	8.1	PM*	KalerStSp		M1V	
del Boo	Boo	SAO64589	J151531.20+331836.0	3.47	V*	KalerStSp	JC 2 AB	G8III	104.9
bet Lib	Lib	SAO140430	J151700.00-092248.0	2.6	V*	Kaler099	Zubeneschamali, Emerald Star; The Northern Claw	B8V	
alf CrB	CrB	SAO83893	J153440.80+264236.0	2.21	Al*		Alphecca	A0V	
alf Ser	Ser	SAO121157	J154416.80+062548.0	2.63	*j*		Unukalhai	K2IIlb	
R CrB	CrB	SAO84015	J154833.60+280936.0	5.9	RC*	Kaler074		G0Iab:pe	
mu. Ser	Ser	SAO140787	J154938.40-032548.0	3.5	**			A0V	
khi Lup	Lup	SAO207040	J155057.60-333748.0	3.95	SB*	Kaler022		B9IV	
T CrB	CrB	SAO84129	J155931.20+255512.0	2	Sy*		Nova CrB 1946	M3IIIp	

del Sco	Sco	SAO184014	J160019.20-223712.0	2.29	V*		Dschubba	B0.2IVe	
AG Dra	Dra	SAO16931	J160140.80+664800.0	9.82	Sy*	Kaler003		K0	
del Oph	Oph	SAO141052	J161421.60-034124.0	2.74	V*		Yed Prior	M0.5III	
tau Her	Her	SAO46028	J161945.60+461836.0	3.89	Pu*		STF2262AB	B5IV	6.7
rho Oph	Oph	SAO184382	J162536.00-232700.0	4.63	*iN	Kaler079		BIV+...	3.1
alf Sco	Sco	SAO184415	J162924.00-262548.0	1.09	sr*	Kaler008	Antares; GNT 1; Rival of Mars	M1.5Iab-b	2.9
bet Her	Her	SAO84411	J163012.00+212924.0	2.78	SB*		Kornephoros, BLA 4Aa	G7IIIa	256.2
tau Sco	Sco	SAO184481	J163552.80-281312.0	2.81	*		Alniyat; Al Niyat	B0.2V	
zet Oph	Oph	SAO160006	J163709.60-103412.0	2.57	Be*	KalerStSp	Fieht; Han	O9V	
zet Her	Her	SAO65485	J164116.80+313600.0	2.89	SB*		STF 774Aa-B; Herschel's Rapid Binary	G0IV	1.0
GD358	Her	GCVS400777	J164719.20+322848.0	13.65	ZZ*	KalerStSp		DB	
mu.01 Sco	Sco	SAO208102	J165200.00-380160.0	2.98	bL*			B1.5Vp+...	346.0
Wolf630	Oph	SAO141439	J165528.80-082024.0	9.04	Fl*	KalerStSp	V1054 Oph	M3Ve	
alf01 Her	Her	SAO102680	J171438.40+142324.0	3.48	sr*	Kaler077	Rasalgethi, STF2140Aa-B	M5Ib-II	
alf01 Her	Her	SAO102680	J171438.40+142324.0	3.06	**	Kaler077	Rasalgethi, STF2140Aa-B	M5Iab:	4.6
del Her	Her	SAO84951	J171502.40+245024.0	3.12	*j*		Sarin; FIN 307	A3IV	8.9
36 Oph	Oph	SAO185198	J171521.60-263600.0	4.32	**		SHJ 243AB; A Oph	K2V	4.4
lam Sco	Sco	SAO208954	J173336.00-370600.0	1.62	bC*		Shaula	B2IV+...	
alf Oph	Oph	SAO102932	J173455.20+123336.0	2.1	V*		Rasalhague	A5III	
tet Sco	Sco	SAO228201	J173719.20-430000.0	1.86	V*		Sargas	F1II	
G140-2	Oph		J173840.80+051612.0	15.86	WD*	KalerStSp		DA	
mu. Her	Her	SAO85397	J174626.40+274312.0	3.41	PM*		A 2715AB	G5IV	34.0
gam Oph	Oph	SAO122754	J174752.80+024236.0	3.8	*		62 Oph	A0V	
RS Oph	Oph	GCVS590011	J175014.40-064236.0	4.3	Sy*	Kaler082	Nova Oph 1933	M2pe+...	
gam Dra	Dra	SAO30653	J175636.00+512924.0	2.23	*j*	Kaler044	Eltanin; Etamin	K5III	
V2500 Oph	Oph	GCVS592500	J175748.00+044124.0	9.54	BY*	Kaler010	Barnard's Star; LFT1385	M4Ve	
NGC6543	Dra		J175831.20+663748.0	9.8	PN	Kaler064	Cat's Eye Nebula	?p...	
Cats Eye Neb (STScI-PRC2004-027a)	Dra		J175831.20+663748.0	9.8	PN	Kaler064	Cat's Eye Nebula	?p...	
67 Oph	Oph	SAO123013	J180038.40+025548.0	3.97	*j*		H 6 2 AC	B5Ib	6.6
70 Oph	Oph	SAO123107	J180526.40+023000.0	4.03	V*	KalerStSp	STF2272AB; V* p Oph	K0V	5.1
DQ Her	Her	GCVS400139	J180731.20+455136.0	14.2	No*	Kaler030		sd:Be+...	
100 Her	Her	SAO85753	J180750.40+260600.0	5.87	*j*	Kaler077	CHR 67Aa	A3V	14.2

khi Dra	Dra	SAO9087	J182102.40+724348.0	3.57	SB*	LAB 5Aa	F7V	149.2
eps Sgr	Sgr	SAO210091	J182409.60-342248.0	1.8	*i*	Kaus Australis	B9.5III	
T Lyr	Lyr	SAO67087	J183219.20+370000.0	8.02	C*	SAO067087	C...	
alf Lyr	Lyr	SAO67174	J183655.20+384648.0	0.03	V*	Kaler096 Vega; Harp Star	A0V	
del Sct	Sct	SAO142515	J184216.80-090300.0	4.71	dS*	KalerStSp	F2IIIp	
eps01 Lyr	Lyr	SAO67310	J184419.20+394012.0	5.06	*i*	Kaler035 Lyra Double-Double; MKT 2Aa	A4V	2.4
bet Lyr	Lyr	SAO67451	J185004.80+332136.0	3.52	EB*	Kaler013 Sheliak; Struve's Eclipsing Binary	B7Ve+...	45.7
sig Sgr	Sgr	SAO187448	J185516.80-261800.0	2.05	*i*	Nunki	B2V	
EGGR 129	Dra		J190009.60+703936.0	13.19	WD*	Kaler031	DA:w	
V Aql	Aql	SAO142985	J190424.00-054048.0	6.78	C*		CII...	
V1343 Aql	Aql	GCVS51343	J191150.40+045848.0	14.2	Em*	Kaler090	A7Ib:	
T Sgr	Sgr	GCVS720003	J191614.40-165812.0	9.36	Mi*		Se	
tet Lyr	Lyr	SAO68065	J191621.60+380748.0	4.34	*i*	KalerStSp	K0II	
UX Dra	Dra	SAO9404	J192136.00+763336.0	6.25	C*		CII...	
CH Cyg	Cyg	SAO31632	J192433.60+501424.0	8.84	Sy*	Kaler020	M7IIIvar	
del Aql	Aql	SAO124603	J192528.80+030636.0	3.4	V*	BNU 6Aa	F0IV	108.9
RR Lyr	Lyr	SAO48421	J192528.80+424648.0	7.29	RR*	Kaler080	F5	
bet01 Cyg	Cyg	SAO87301	J193043.20+275736.0	3.08	**	Kaler004 Albireo; MCA 55Aac	K3II+...	34.3
AQ Sgr	Sgr	SAO162777	J193419.20-162212.0	7.05	C*		CII...	
phi Cyg	Cyg	SAO68637	J193921.60+300900.0	4.68	SB*	KalerStSp	G8III	
16 Cyg	Cyg	SAO31898	J194148.00+503148.0	5.96	PM*	Kaler086 STFA 46Aa-B; V* c Cyg	G1.5Vb	39.0
del Cyg	Cyg	SAO48796	J194457.60+450748.0	2.9	**	STF2579AB	B9.5IV+...	2.6
gam Aql	Aql	SAO105223	J194614.40+103636.0	2.72	*i*	Tarazed	K3II	132.6
khi Cyg	Cyg	SAO68943	J195033.60+325436.0	6.8	Mi*	Kaler021	S...	
alf Aql	Aql	SAO125122	J195048.00+085212.0	0.77	PM*	KalerStSp Altair; Flying Eagle Star	A7V	165.2
eta Aql	Aql	SAO125159	J195228.80+010036.0	3.9	V		F6Ibv	
V1357 Cyg	Cyg	SAO69181	J195821.60+351200.0	8.95	HXB	Kaler025 X Cyg X-1	O9.7Iab	
HD190918	Cyg	SAO69402	J200557.32+354718.1	6.81	WR*	BU 429	WN+...	
tet Aql	Aql	SAO144150	J201118.29-004917.3	3.24	SB*	tet Car	B9.5III	113.7
P Cyg	Cyg	SAO69773	J201748.00+380148.0	4.79	No*	Kaler068 Nova Cyg 1600	B2pe	
U Cyg	Cyg	SAO49477	J201936.00+475324.0	8.77	Mi*		R...	
bet Cap	Cap	SAO163481	J202100.00-144648.0	3.08	SB*	BLA 7Aa	K0:II+...	205.3
alf Del	Del	SAO106357	J203938.40+155436.0	3.77	*i*	WCK 2Aa	B9IV	29.5
alf Cyg	Cyg	SAO49941	J204126.40+451648.0	1.25	Em*	Kaler028 Deneb; Star of the	A2Iae	

eta Cep	Cep	SAO19019	J204517.40+615019.7	3.41	PM*			K0IV	51.7
V1610 Cyg	Cyg	GCVS311610	J210219.20+364124.0	14	pA*	Kaler032	Egg Nebula; The Egg; Cygnus Egg	F5Iae	
61 Cyg	Cyg	SAO70919	J210655.20+384500.0	4.84	**	Kaler087	STF2758Aa,P; Bessel's Star; Piazz's Flying Star	K5	31.1
NGC7027	Cyg		J210700.00+421348.0	8.8	PN	Kaler065	Stephan's/Webb's Proto Planetary Nebula	?p...	
sig Oct	Oct	SAO258857	J210848.00-885736.0	5.42	V*	Kaler084	Polaris Australis	F0III	
V1500 Cyg	Cyg	GCVS311500	J211136.00+480900.0	17.1	No*	Kaler066	Nova Cyg 1975	No spec type avail	
alf Cep	Cep	SAO19302	J211833.60+623524.0	2.44	V*		Alderamin	A7IV	
bet Cep	Cep	SAO10057	J212838.40+703336.0	3.21	bC*			B2IIIevar	13.6
bet Aqr	Aqr	SAO145457	J213133.60-053412.0	2.91	*j*		Sadalsuud	G0Ib	35.4
V460 Cyg	Cyg	SAO71613	J214200.00+353036.0	5.99	C*			C...	
SS Cyg	Cyg	GCVS310019	J214243.20+433524.0	12.1	DN*	Kaler089		A1pe+...	
mu. Cep	Cep	SAO33693	J214331.20+584648.0	6.3	sr*	Kaler061	Herschel's Garnet Star	M2Iae	
eps Peg	Peg	SAO127029	J214412.00+095248.0	2.4	V*		Enif; Pendulum Star; HJ 3461AB	K2Ib	81.8
del Cap	Cap	SAO164644	J214702.40-160748.0	3.16	dS*			F2IIIp	
VV Cep	Cep	SAO19753	J215639.14+633732.0	5.18	M2Iape+...	Kaler097		M2Iape+...	
eps Ind	Ind	SAO247287	J220321.60-564724.0	4.69	PM*	KalerStSp		K4.5V	
alf Aqr	Aqr	SAO145862	J220547.04-001911.5	3	**	KalerStSp	Sadalmelik; Sadal Melik	G2Ib	
RW Cep	Cep	SAO34387	J222307.20+555736.0	6.51	Pu*			K2...	
HD239960	Cep	GCVS200137	J222800.00+574200.0	9.59	V*	KalerStSp	** KR60A; Krueger 60	M3	
del Cep	Cep	SAO34508	J222909.60+582512.0	4.07	cC*	Kaler026		F5Iab:	20.4
eta Peg	Peg	SAO90734	J224300.00+301312.0	2.94	SB*	KalerStSp	BLA 11Aa	G2II-III+...	90.4
LP701-29	Aqu		J225352.80-064648.0	15.65	WD*	KalerStSp		DZ...	
51 Peg	Peg	SAO90896	J225728.80+204612.0	5.49	V*?	Kaler039		G2.5IVa	
alf PsA	PsA	SAO191524	J225738.40-293712.0	1.16	V*	KalerStSp	Fomalhaut; Fish's Mouth	A3V	
HR08752	Cas	SAO35039	J230004.80+565700.0	5.1	**	KalerStSp		G0Iab:	
bet Peg	Peg	SAO90981	J230345.60+280448.0	2.42	Pu*		Scheat	M2.5II-III	
alf Peg	Peg	SAO108378	J230445.60+151236.0	2.49	V*		Markab	B9III	
EGGR 159	Psc	GCVS660054	J232848.00+051500.0	13.03	ZZ*	KalerStSp		DA	
EQ Peg	Col	GCVS620160	J233152.80+195624.0	10.32	FI*	KalerStSp	BD+19 5116A	M3.5	
LHS 3966	Peg	GCVS620160	J233152.80+195624.0	12.4	PM*	KalerStSp	BD+19 5116B	M4.5	
R Aqr	Aqr	SAO165849	J234350.40-151648.0	7.69	Mi*	Kaler073	HD222800	M7IIIpevar	
TX Psc	Psc	SAO128374	J234624.00+032924.0	5.04	C*		19 TX	CII...	

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References:

Garrison, R.F. and Karmo, T. 2011. The Brightest Stars. In RASC 2010 Observer's Handbook. pp. 279-288. Royal Astron. Soc. of Canada. ISBN-13: 978-0-9813292-5-3.

Kaler James [KalerStSp]. 1997. Stars and the Spectra. Cambridge Univ. Press. ISBN-13: 978-0521585705.

Kaler, James [Kalerann]. 2002. The One-Hundred Greatest Stars. Springer. ISBN-13: 978-0387954363.

Kaler, James. 2010. Stars by Spectral Class. Website. <http://www.astro.uiuc.edu/~kaler/sow/class.html> (approx. 400 individual stars reviewed by spectral class)

Forum of Amateur Astrospectroscopy (FAAS) and Malpas, B. 2010. Bright Star Spectral Index. <http://users.erols.com/njastro/faas/pages/starcat.htm>

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