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#
#   Vizier Astronomical Server: webviz.u-strasbg.fr 2009-01-08T15:58:29
#   (replaces the 'Astrores' format originally described at
#   http://vizier.u-strasbg.fr/doc/astrores.htx)
#   In case of problem, please report to: question@simbad.u-strasbg.fr
#
#
#Coosys J2000: eq_FK5 J2000
#INFO -ref=VOTx4569
#INFO -out.max=50000

#RESOURCE=yCat_5053
#Name: V/53A
#Title: Catalogue of the Brightest Stars (Ochsenbein+ 1988)
#Coosys B2000: eq_FK4 B2000
#Table V_53A_catalog:
#Name: V/53A/catalog
#Title: The Catalogue
#---Details of Columns:
  HR          (I4) [1/9110]+ "Bright Star" catalog <V/50> [ucd=ID_MAIN]
  n_HR        (A1) indicates that name(s) exist for this star in the file
"\begin{tex}\vFile{V/53A/./names.dat}{names.dat}\end{tex}" {\em(indique l'existence de
nom(s) usuels)} [ucd=DATA_LINK]
  Flamsteed   (I3) ? Flamsteed number [ucd=ID_ALTERNATIVE]
  Bayer       (A4) Greek letter (lettre grecque) [ucd=ID_ALTERNATIVE]
  Const       (A3) \W{const}{/vizier/VizieR/constellations.htx}{Constellation
Name} (3 characters) [ucd=ID_CONSTEL]
  RA2000 ("h:m:s") (A10) Right Ascension 2000 (hours) [ucd=POS_EQ_RA_MAIN]
  DE2000 ("d:m:s") (A9) Declination 2000 (degrees) [ucd=POS_EQ_DEC_MAIN]
  ELON (deg) (F6.2) Ecliptic longitude, J2000 [ucd=POS_EC_LON]
  ELAT (deg) (F6.2) Ecliptic latitude, J2000 [ucd=POS_EC_LAT]
  Dist (al) (I5) Distance of star in light-years (5) [ucd=PHYS_DISTANCE_TRUE]
  Vmag (mag) (F5.2) [-1.46/5.03] Visual magnitude (magnitude visuelle)
[ucd=PHOT_JHN_V]
  SpType      (a19) MK Spectral Type [ucd=SPECT_TYPE_MK]
  nComp       (I2) [1/13]? Number of visual components (nombre de composantes
visuelles) [ucd=NUMBER]
  n
  _ Fla
n
  H mst   B Co   RA2000  DE2000  ELON  ELAT  Dist Vmag
Co
  HR R eed ayer nst  ("h:m:s") ("d:m:s") (deg) (deg) (al) (mag)          SpType
mp
-----
--
2491 *   9 alf  CMa 06 45 08.9 -16 42 58 104.08 -39.61      8 -1.46 A1Vm
4
2326 *   alf  Car 06 23 57.2 -52 41 44 104.96 -75.82     326 -0.72 F0II
5340 *  16 alf  Boo 14 15 39.6 +19 10 57 204.23  30.74      37 -0.05 K1IIIbCN-1
5459   alf1  Cen 14 39 36.2 -60 50 07 239.48 -42.60       4 -0.01 G2V
3
7001 *   3 alf  Lyr 18 36 56.2 +38 47 01 285.32  61.73      25  0.03 A0Va
5
1708 *  13 alf  Aur 05 16 41.3 +45 59 53  81.86  22.86      42  0.08 G5IIIe+G0III
10
1713 *  19 bet  Ori 05 14 32.2 -08 12 06  76.83 -31.12     949  0.13 B8Iae:
4
2943 *  10 alf  CMi 07 39 18.1 +05 13 30 115.79 -16.02     11  0.37 F5IV-V
5
 472 *   alf  Eri 01 37 42.9 -57 14 12 345.31 -59.38     148  0.46 B3Vpe
2061 *  58 alf  Ori 05 55 10.3 +07 24 25  88.75 -16.03     465  0.50 M1-2Ia-Iab
6
5267 *   bet  Cen 14 03 49.4 -60 22 22 233.79 -44.14     543  0.61 B1III
2
7557 *  53 alf  Aql 19 50 46.9 +08 52 06 301.78  29.30      16  0.76 A7V
3

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1457	*	87	alf	Tau	04	35	55.2	+16	30	33	69.79	-5.47	65	0.86	K5III
6															
6134	*	21	alf	Sco	16	29	24.4	-26	25	55	249.76	-4.57	381	0.91	M1.5Iab-Ib+B4Ve
2															
5056	*	67	alf	Vir	13	25	11.5	-11	09	41	203.84	-2.05	271	0.97	B1III-IV+B2V
5															
2990	*	78	bet	Gem	07	45	18.9	+28	01	34	113.22	6.68	33	1.14	K0IIIb
7															
8728	*	24	alf	PsA	22	57	39.0	-29	37	20	333.86	-21.14	25	1.16	A3V
4853			bet	Cru	12	47	43.3	-59	41	19	221.65	-48.64	362	1.25	B0.5III
3															
7924	*	50	alf	Cyg	20	41	25.8	+45	16	49	335.33	59.91	1726	1.25	A2Iae
2															
5460			alf2	Cen	14	39	36.2	-60	50	07	239.48	-42.60	4	1.33	K1V
3															
3982	*	32	alf	Leo	10	08	22.3	+11	58	02	149.83	0.46	77	1.35	B7V
4															
2618	*	21	eps	CMa	06	58	37.5	-28	58	20	110.76	-51.36	465	1.50	B2II
2															
2890	*	66	alf	Gem	07	34	35.9	+31	53	18	110.24	10.10	51	1.58	A2Vm
4															
2891		66	alf	Gem	07	34	35.9	+31	53	18	110.24	10.10	51	1.58	A1V
4															
4730	*		alf1	Cru	12	26	35.9	-63	05	56	221.87	-52.88	326	1.58	B0.5IV
3															
4763			gam	Cru	12	31	09.9	-57	06	47	216.74	-47.83	88	1.63	M3.5III
3															
6527	*	35	lam	Sco	17	33	36.4	-37	06	13	264.59	-13.79	316	1.63	B2IV+B
3															
1790	*	24	gam	Ori	05	25	07.8	+06	20	59	80.95	-16.82	250	1.64	B2III
2															
1791	*	112	bet	Tau	05	26	17.5	+28	36	27	82.57	5.39	135	1.65	B7III
2															
1903	*	46	eps	Ori	05	36	12.7	-01	12	07	83.46	-24.51	1257	1.69	B0Iae
2															
3685			bet	Car	09	13	12.1	-69	43	02	211.97	-72.24	112	1.69	A2IV
8425	*		alf	Gru	22	08	13.9	-46	57	40	315.91	-32.91	101	1.71	B7IV
2															
4905	*	77	eps	UMa	12	54	01.7	+55	57	35	158.93	54.32	81	1.77	A0pCr
1017	*	33	alf	Per	03	24	19.3	+49	51	41	62.08	30.13	529	1.79	F5Ib
2															
4301	*	50	alf	UMa	11	03	43.6	+61	45	03	135.20	49.68	125	1.79	K0IIIa
2															
3207			gam2	Vel	08	09	31.9	-47	20	12	147.35	-64.46	1195	1.83	WC8+O7.5e
5															
2693		25	del	CMa	07	08	23.4	-26	23	35	113.40	-48.45	2735	1.84	F8Ia
6879		20	eps	Sgr	18	24	10.3	-34	23	05	275.08	-11.05	148	1.85	B9.5III
2															
3307			eps	Car	08	22	30.8	-59	30	34	173.13	-72.68	150	1.86	K3III+B2:V
5191	*	85	eta	UMa	13	47	32.3	+49	18	48	176.93	54.39	101	1.86	B3V
6553			tet	Sco	17	37	19.0	-42	59	52	265.60	-19.65	296	1.87	F1II
2088		34	bet	Aur	05	59	31.7	+44	56	51	89.91	21.51	83	1.90	A2IV
3															
2421	*	24	gam	Gem	06	37	42.7	+16	23	57	99.10	-6.74	105	1.92	A0IV
3															
6217			alf	TrA	16	48	39.9	-69	01	40	260.90	-46.15	465	1.92	K2IIb-IIIa
7790			alf	Pav	20	25	38.8	-56	44	07	293.82	-36.27	191	1.94	B2IV
3															
3485			del	Vel	08	44	42.2	-54	42	30	168.95	-67.20	81	1.96	A1V
4															
2294		2	bet	CMa	06	22	41.9	-17	57	22	97.19	-41.25	543	1.97	B1III-III
2															
3748	*	30	alf	Hya	09	27	35.2	-08	39	31	147.28	-22.38	181	1.97	K3II-III
3															
5958					15	59	30.1	+25	55	13	230.10	45.27	325	2.00	Be+gM3+Q
2															
188		16	bet	Cet	00	43	35.3	-17	59	12	2.58	-20.78	95	2.01	K0IIIICH-1H,K-0.5

617	*	13	alf	Ari	02	07	10.3	+23	27	45	37.66	9.97	66	2.01	K2IIIabCa-I
424	*	1	alf	UMi	02	31	50.5	+89	15	51	88.57	66.10	465	2.02	F7:Ib-IIv
5															
7121	*	34	sig	Sgr	18	55	15.8	-26	17	48	282.38	-3.45	232	2.03	B2.5V
2															
337	*	43	bet	And	01	09	43.9	+35	37	14	30.41	25.94	203	2.05	M0IIIa
5															
1948		50	zet	Ori	05	40	45.5	-01	56	34	84.68	-25.29	1110	2.05	O9.5Ibe
3															
5288		5	tet	Cen	14	06	40.8	-36	22	12	222.31	-22.08	61	2.05	K0IIIb
2															
15	*	21	alf	And	00	08	23.2	+29	05	26	14.31	25.68	98	2.06	B8IVpMnHg
2															
2004	*	53	kap	Ori	05	47	45.3	-09	40	11	86.40	-33.07	1560	2.06	B0.5Iav
6556	*	55	alf	Oph	17	34	56.0	+12	33	36	262.45	35.84	47	2.07	A5III
2															
5563	*	7	bet	UMi	14	50	42.2	+74	09	20	133.32	72.99	130	2.08	K4IIIBa0.3
2															
4731			alf2	Cru	12	26	36.5	-63	05	58	221.87	-52.88	326	2.09	B1V
3															
8636			bet	Gru	22	42	40.0	-46	53	05	322.33	-35.43	171	2.11	M5III
936	*	26	bet	Per	03	08	10.1	+40	57	21	56.17	22.43	93	2.12	B8V
6															
4534	*	94	bet	Leo	11	49	03.5	+14	34	19	171.62	12.27	36	2.14	A3V
4															
4819			gam	Cen	12	41	30.9	-48	57	34	212.32	-40.16	130	2.17	A1IV
3															
3634			lam	Vel	09	07	59.7	-43	25	57	161.19	-55.87	67	2.21	K4Ib-II
2															
6705	*	33	gam	Dra	17	56	36.3	+51	29	20	267.97	74.92	148	2.22	K5III
7															
168	*	18	alf	Cas	00	40	30.4	+56	32	15	37.78	46.62	232	2.23	K0IIIa
4															
7796		37	gam	Cyg	20	22	13.6	+40	15	24	324.84	57.12	657	2.23	F8Ib
4															
1852	*	34	del	Ori	05	32	00.3	-00	17	57	82.36	-23.55	1065	2.24	B0III+O9V
3															
5793	*	5	alf	CrB	15	34	41.2	+26	42	53	222.30	44.32	75	2.24	A0V
3165	*		zet	Pup	08	03	35.0	-40	00	11	138.55	-58.35	1334	2.25	O5Iaf
3699			iot	Car	09	17	05.4	-59	16	31	185.33	-67.12	827	2.25	A8Ib
603	*	57	gam1	And	02	03	53.9	+42	19	47	44.23	27.81	362	2.26	K3-IIb
4															
21	*	11	bet	Cas	00	09	10.6	+59	08	59	35.12	51.22	55	2.27	F2III-IV
2															
5054	*	79	zet	UMa	13	23	55.5	+54	55	31	165.70	56.38	79	2.27	A1VpSrSi
4															
6241		26	eps	Sco	16	50	09.7	-34	17	36	255.33	-11.74	66	2.29	K2.5III
5132			eps	Cen	13	39	53.2	-53	27	59	225.55	-39.59	407	2.30	B1III
2															
5469			alf	Lup	14	41	55.7	-47	23	17	233.50	-30.03	432	2.30	B1.5III
2															
5440			eta	Cen	14	35	30.3	-42	09	28	230.25	-25.51	326	2.31	B1.5Vne
5953		7	del	Sco	16	00	19.9	-22	37	18	242.57	-1.99	407	2.32	B0.3IV
4															
4295	*	48	bet	UMa	11	01	50.4	+56	22	56	139.43	45.13	79	2.37	A1V
99			alf	Phe	00	26	17.0	-42	18	22	345.49	-40.63	77	2.38	K0III
2															
8308	*	8	eps	Peg	21	44	11.1	+09	52	30	331.88	22.10	694	2.39	K2Ib
3															
6580			kap	Sco	17	42	29.1	-39	01	48	266.47	-15.64	465	2.41	B1.5III
6378		35	eta	Oph	17	10	22.6	-15	43	29	257.97	7.20	85	2.42	A2V
4															
8775	*	53	bet	Peg	23	03	46.4	+28	04	58	359.37	31.14	203	2.42	M2.5II-III
3															
2827		31	eta	CMa	07	24	05.6	-29	18	11	119.54	-50.61	2472	2.44	B5Ia
2															
4554	*	64	gam	UMa	11	53	49.8	+53	41	41	150.48	47.14	85	2.44	A0Ve

8162	*	5	alf	Cep	21	18	34.7	+62	35	08	12.78	68.91	49	2.45	A7V
4															
7949		53	eps	Cyg	20	46	12.6	+33	58	13	327.75	49.42	72	2.46	K0III
3															
264		27	gam	Cas	00	56	42.4	+60	43	00	43.93	48.82	624	2.47	B0IVe
3															
8781	*	54	alf	Peg	23	04	45.6	+15	12	19	353.49	19.41	141	2.48	B9V
3734			kap	Vel	09	22	06.8	-55	00	38	178.89	-63.72	543	2.50	B2IV-V
911	*	92	alf	Cet	03	02	16.7	+04	05	23	44.32	-12.59	232	2.53	M1.5IIIa
5231			zet	Cen	13	55	32.3	-47	17	18	224.95	-32.94	407	2.55	B2.5IV
4357		68	del	Leo	11	14	06.4	+20	31	25	161.32	14.33	58	2.56	A4V
3															
6175		13	zet	Oph	16	37	09.4	-10	34	02	249.23	11.39	465	2.56	O9.5Vn
1865	*	11	alf	Lep	05	32	43.7	-17	49	20	81.38	-41.06	954	2.57	F0Ib
3															
4662		4	gam	Crv	12	15	48.3	-17	32	31	190.73	-14.50	171	2.58	B8IIIpHgMn
5984		8	bet1	Sco	16	05	26.1	-19	48	19	243.19	1.01	543	2.58	B1V
5															
7194		38	zet	Sgr	19	02	36.6	-29	52	49	283.64	-7.18	90	2.59	A2III+4IV
3															
4621			del	Cen	12	08	21.5	-50	43	20	207.48	-44.51	407	2.60	B2IVne
3															
4057		41	gam1	Leo	10	19	58.3	+19	50	30	149.61	8.81	130	2.61	K1-IIIbCN-0.5
4															
2095		37	tet	Aur	05	59	43.2	+37	12	45	89.94	13.77	181	2.62	A0pSi
4															
5685		27	bet	Lib	15	17	00.3	-09	22	59	229.37	8.50	163	2.62	B8V
4786		9	bet	Crv	12	34	23.2	-23	23	48	197.37	-18.04	141	2.64	G5II
553		6	bet	Ari	01	54	38.3	+20	48	29	33.97	8.49	60	2.65	A5V
1956			alf	Col	05	39	38.9	-34	04	27	82.17	-57.38	271	2.65	B7IVe
2															
5854	*	24	alf	Ser	15	44	16.0	+06	25	32	232.07	25.51	74	2.65	K2IIIbCN1Fe4143-1
3															
403		37	del	Cas	01	25	48.9	+60	14	07	47.93	46.40	101	2.68	A5III-IVv
2															
5235		8	eta	Boo	13	54	41.0	+18	23	52	199.34	28.08	37	2.68	G0IV
2															
5571			bet	Lup	14	58	31.8	-43	08	02	235.03	-25.05	543	2.68	B2III
6508		34	ups	Sco	17	30	45.7	-37	17	45	264.01	-14.01	543	2.68	B2IV
1577		3	iot	Aur	04	56	59.6	+33	09	58	76.64	10.45	543	2.69	K3II
4216			mu	Vel	10	46	46.1	-49	25	12	190.52	-51.09	116	2.69	G5III+G2V
2															
2773			pi	Pup	07	17	08.5	-37	05	51	120.30	-58.53	89	2.70	K3Ib
2															
4798			alf	Mus	12	37	11.0	-69	08	08	230.37	-56.56	326	2.70	B2IV-V
2															
5506	*	36	eps	Boo	14	44	59.1	+27	04	27	208.11	40.62	543	2.70	K0II-III
3															
6859		19	del	Sgr	18	20	59.6	-29	49	41	274.58	-6.47	326	2.70	K3IIIa*
4															
7525	*	50	gam	Aql	19	46	15.5	+10	36	48	300.94	31.24	465	2.72	K3II
2															
5028			iot	Cen	13	20	35.7	-36	42	44	213.13	-26.02	59	2.73	A2V
6132		14	eta	Dra	16	23	59.3	+61	30	51	194.49	78.44	88	2.74	G8IIIab
3															
5531		9	alf2	Lib	14	50	52.6	-16	02	31	225.08	0.33	77	2.75	A3IV
3															
6056		1	del	Oph	16	14	20.6	-03	41	40	242.30	17.24	171	2.75	M0.5III
2															
1899		44	iot	Ori	05	35	25.9	-05	54	36	83.00	-29.20	1384	2.76	O9III
3															
4199			tet	Car	10	42	57.4	-64	23	40	209.19	-62.14	465	2.77	B0Vp
6148		27	bet	Her	16	30	13.1	+21	29	22	241.09	42.70	148	2.77	G7IIIa
2															
5776			gam	Lup	15	35	08.3	-41	10	00	241.50	-21.24	440	2.78	B2IV
2															
6603		60	bet	Oph	17	43	28.3	+04	34	02	265.34	27.94	83	2.78	K2III

98		bet	Hyi	00	25	45.3	-77	15	16	300.97	-64.79	24	2.79	G2IV	
1666	67	bet	Eri	05	07	50.9	-05	05	11	75.28	-27.86	90	2.79	A3III	
2															
4656		del	Cru	12	15	08.6	-58	44	56	215.66	-50.42	407	2.79	B2IV	
4932	*	47	eps	Vir	13	02	10.5	+10	57	33	189.94	16.20	105	2.79	G8IIIab
2															
3185	15	ro	Pup	08	07	32.6	-24	18	15	131.39	-43.27	63	2.81	F6IIpdeltaDel	
2															
6165	23	tau	Sco	16	35	52.9	-28	12	58	251.46	-6.12	465	2.81	B0V	
6212	40	zet	Her	16	41	17.1	+31	36	10	241.46	53.11	35	2.81	G0IV	
2															
6536	23	bet	Dra	17	30	25.8	+52	18	05	251.96	75.28	362	2.81	G2Ib-IIa	
3															
6913	22	lam	Sgr	18	27	58.1	-25	25	18	276.32	-2.14	77	2.81	K1IIIb	
8322	49	del	Cap	21	47	02.3	-16	07	38	323.54	-2.60	38	2.83	Amv	
4															
39	*	88	gam	Peg	00	13	14.1	+15	11	01	9.16	12.60	362	2.84	B2IV
3															
1829	*	9	bet	Lep	05	28	14.7	-20	45	34	79.67	-43.91	163	2.84	G5II
5															
1203	44	zet	Per	03	54	07.9	+31	53	01	63.12	11.33	932	2.85	B1Ib	
5															
5897		bet	TrA	15	55	08.4	-63	25	50	251.84	-41.95	40	2.85	F2III	
2															
6461		bet	Ara	17	25	17.9	-55	31	47	264.21	-32.26	740	2.85	K3Ib-IIa	
591		alf	Hyi	01	58	46.2	-61	34	12	342.12	-64.24	72	2.86	F0V	
8502		alf	Tuc	22	18	30.1	-60	15	35	309.67	-45.40	203	2.86	K3III	
2															
1165	*	25	eta	Tau	03	47	29.0	+24	06	18	59.99	4.05	407	2.87	B7IIIe
5															
2286	13	mu	Gem	06	22	57.6	+22	30	49	95.30	-0.82	232	2.87	M3IIIab	
3															
7528	18	del	Cyg	19	44	58.4	+45	07	51	316.25	64.41	171	2.87	B9.5IV+F1V	
3															
4915	12	alf2	CVn	12	56	01.6	+38	19	06	174.57	40.12	112	2.88	A0pSiEuHg	
2															
6084	20	sig	Sco	16	21	11.2	-25	35	34	247.80	-4.04	356	2.88	B2III+O9.5V	
4															
7264	41	pi	Sgr	19	09	45.7	-21	01	25	286.25	1.44	465	2.88	F2II	
3															
1220	45	eps	Per	03	57	51.2	+40	00	37	65.68	19.11	543	2.89	B0.5V+A2V	
3															
2845	3	bet	CMi	07	27	09.0	+08	17	21	112.19	-13.49	171	2.89	B8Ve	
5															
5671		gam	TrA	15	18	54.6	-68	40	46	249.39	-48.10	191	2.89	A1V	
8232	22	bet	Aqr	21	31	33.4	-05	34	16	323.39	8.62	878	2.89	G0Ib	
3															
5944	6	pi	Sco	15	58	51.0	-26	06	51	242.94	-5.48	465	2.91	B1V+B2V	
3															
915	23	gam	Per	03	04	47.7	+53	30	23	60.02	34.53	271	2.93	G8III+A2V	
3															
2553		tau	Pup	06	49	56.1	-50	36	53	117.73	-72.85	191	2.93	K1III	
1231	*	34	gam	Eri	03	58	01.7	-13	30	31	53.87	-33.20	232	2.94	M0.5IIICa-ICr-I
2															
4757	7	del	Crv	12	29	51.8	-16	30	56	193.45	-12.20	88	2.94	B9.5V	
2															
8414	*	34	alf	Aqr	22	05	46.9	-00	19	11	333.35	10.66	874	2.94	G2Ib
2															
6510		alf	Ara	17	31	50.4	-49	52	34	264.93	-26.56	250	2.95	B2Vne	
2															
8650	44	eta	Peg	22	43	00.1	+30	13	17	355.71	35.11	217	2.95	G2II-III+F0V	
6															
3890		ups	Car	09	47	06.1	-65	04	18	202.89	-67.50	976	2.96	A8Ib	
2															
2473	27	eps	Gem	06	43	55.9	+25	07	52	99.94	2.07	754	2.98	G8Ib	
2															
3873	17	eps	Leo	09	45	51.0	+23	46	27	140.70	9.72	250	2.98	G1II	

4630	2	eps	Crv	12	10	07.4	-22	37	11	191.67	-19.67	326	2.98	K2.5IIIBa0.2:
1605	7	eps	Aur	05	01	58.1	+43	49	24	78.84	20.94	3862	2.99	F0Iae
6														
6746	10	gam2	Sgr	18	05	48.4	-30	25	27	271.26	-6.99	98	2.99	K0III
7235	17	zet	Aql	19	05	24.5	+13	51	48	289.80	36.19	83	2.99	A0Vn
3														
622	4	bet	Tri	02	09	32.5	+34	59	14	42.35	20.58	125	3.00	A5III
5020	46	gam	Hya	13	18	55.2	-23	10	18	207.02	-13.74	135	3.00	G8IIIA
2														
1122	39	del	Per	03	42	55.4	+47	47	15	64.80	27.30	543	3.01	B5III
2														
2653	24	omi2	CMa	07	03	01.4	-23	50	00	111.00	-46.13	2773	3.01	B3Iab
4335	52	psi	UMa	11	09	39.7	+44	29	54	148.81	35.54	148	3.01	K1III
8353		gam	Gru	21	53	55.6	-37	21	54	317.42	-23.05	203	3.01	B8III
2282	1	zet	CMa	06	20	18.7	-30	03	48	97.38	-53.37	362	3.02	B2.5V
2														
5435	27	gam	Boo	14	32	04.6	+38	18	29	197.66	49.55	85	3.02	A7III
3														
1910	123	zet	Tau	05	37	38.6	+21	08	33	84.78	-2.20	465	3.03	B4IIIpe
2														
6615		iot1	Sco	17	47	35.0	-40	07	37	267.52	-16.71	4373	3.03	F2Iae
2														
5193		mu	Cen	13	49	36.9	-42	28	26	221.54	-28.98	543	3.04	B2IV-Ve
2														
6247		mu1	Sco	16	51	52.1	-38	02	51	256.16	-15.42	457	3.04	B1.5V+B6.5V
2														
681 *	68	omi	Cet	02	19	20.7	-02	58	39	31.52	-15.94	465	3.05	M7IIIe
4														
4069	34	mu	UMa	10	22	19.7	+41	29	58	141.23	29.00	250	3.05	M0III
5735	13	gam	UMi	15	20	43.6	+71	50	02	141.60	75.24	543	3.05	A3II-III
4844		bet	Mus	12	46	16.9	-68	06	29	230.15	-55.24	326	3.06	B2.5V
2														
7310	57	del	Dra	19	12	33.1	+67	39	42	17.16	82.89	101	3.07	G9III
2														
7776	9	bet	Cap	20	21	00.6	-14	46	53	304.05	4.59	362	3.08	F8V+A0
8														
3547	16	zet	Hya	08	55	23.6	+05	56	44	134.58	-10.97	155	3.10	G9II-III
4232		nu	Hya	10	49	37.4	-16	11	37	170.37	-21.80	141	3.11	K2III
6832		eta	Sgr	18	17	37.5	-36	45	42	273.63	-13.38	155	3.11	M3.5III
4														
7869		alf	Ind	20	37	34.0	-47	17	29	299.10	-27.75	101	3.11	K0IIICNIII-IV
3														
2040		bet	Col	05	50	57.5	-35	46	06	86.42	-59.18	88	3.12	K2III
3803				09	31	13.3	-57	02	04	184.21	-64.24	250	3.13	K5III
4467		lam	Cen	11	35	46.8	-63	01	11	214.54	-56.79	465	3.13	B9III
2														
5576		kap	Cen	14	59	09.6	-42	06	15	234.79	-24.03	543	3.13	B2IV
2														
6285		zet	Ara	16	58	37.1	-55	59	24	259.82	-33.09	90	3.13	K3III
6410	65	del	Her	17	15	01.8	+24	50	21	254.76	47.69	79	3.13	A3IV
4														
3569	9	iot	UMa	08	59	12.4	+48	02	30	122.80	29.58	47	3.14	A7IV
3														
3705	40	alf	Lyn	09	21	03.2	+34	23	33	131.84	17.96	232	3.14	K7IIIab
7417	6	bet1	Cyg	19	30	43.2	+27	57	35	301.25	48.97	407	3.14	K3II+B0.5V
3														
7039	27	phi	Sgr	18	45	39.3	-26	59	27	280.18	-3.95	232	3.16	B8III
2														
2451		nu	Pup	06	37	45.6	-43	11	45	107.15	-66.07	465	3.17	B8III
6396	22	zet	Dra	17	08	47.1	+65	42	53	183.38	84.76	362	3.17	B6III
1543	1	pi3	Ori	04	49	50.3	+06	57	41	71.92	-15.38	26	3.18	F6V
2														
1641	10	eta	Aur	05	06	30.8	+41	14	04	79.45	18.28	232	3.18	B3V
1654	2	eps	Lep	05	05	27.6	-22	22	16	72.06	-44.96	232	3.18	K5IIIv
3775	25	tet	UMa	09	32	51.3	+51	40	38	127.26	34.90	44	3.18	F6IV
2														
6418	67	pi	Her	17	15	02.7	+36	48	33	252.07	59.55	407	3.18	K3IIab

5463		alf	Cir	14	42	30.3	-64	58	31	242.36	-46.20	54	3.19	ApSrEuCr:	
2															
6299	27	kap	Oph	16	57	40.0	+09	22	30	251.82	31.84	88	3.20	K2III	
5603	20	sig	Lib	15	04	04.1	-25	16	55	230.69	-7.64	296	3.21	M3IIIa	
6630				17	49	51.4	-37	02	36	267.92	-13.62	130	3.21	K2III	
3															
8115	64	zet	Cyg	21	12	56.1	+30	13	37	333.04	43.69	155	3.21	G8III-IIIaBa0.6	
4															
8974	35	gam	Cep	23	39	20.8	+77	37	57	60.09	64.67	45	3.21	K1III-IV	
5695		del	Lup	15	21	22.2	-40	38	52	238.66	-21.43	543	3.22	B1.5IV	
7710	65	tet	Aql	20	11	18.2	-00	49	17	304.91	18.73	296	3.22	B9.5III	
2															
6075	2	eps	Oph	16	18	19.2	-04	41	33	243.51	16.44	108	3.23	G9.5IIIbCN-1	
2															
8238	8	bet	Cep	21	28	39.5	+70	33	39	35.55	71.15	639	3.23	B1IV	
3															
1208		gam	Hya	03	47	14.5	-74	14	21	310.47	-76.76	217	3.24	M2III	
7178	14	gam	Lyr	18	58	56.5	+32	41	22	291.92	55.01	171	3.24	B9III	
4															
2878		sig	Pup	07	29	13.8	-43	18	05	128.69	-63.77	191	3.25	K5III	
2															
6869	58	eta	Ser	18	21	18.5	-02	53	56	275.68	20.44	62	3.25	K2IIIabCN1	
2															
6453	42	tet	Oph	17	22	00.5	-24	59	58	261.39	-1.84	564	3.26	B2IV	
2															
1465		alf	Dor	04	33	59.8	-55	02	42	37.83	-74.58	181	3.27	A0IIISi	
3															
2550		alf	Pic	06	48	11.4	-61	56	29	144.12	-83.04	101	3.27	A7IV	
165	31	del	And	00	39	19.6	+30	51	40	21.81	24.35	101	3.28	K3III	
3															
2216	7	eta	Gem	06	14	52.6	+22	30	24	93.44	-0.89	362	3.28	M3III	
3															
5287	49	pi	Hya	14	06	22.2	-26	40	56	218.62	-13.05	101	3.28	K2III-IIIbCN-0.5	
8709	76	del	Aqr	22	54	38.9	-15	49	15	338.87	-8.19	163	3.28	A3V	
1702	5	mu	Lep	05	12	55.8	-16	12	20	75.39	-39.05	191	3.29	B9pHgMn	
5744	12	iot	Dra	15	24	55.6	+58	57	57	184.95	71.09	105	3.29	K2III	
2															
322		bet	Phe	01	06	05.0	-46	43	08	350.44	-48.20	203	3.30	G8IIIv	
3															
3045	7	xi	Pup	07	49	17.6	-24	51	35	126.04	-44.94	801	3.30	G3Ib	
2															
4660	*	69	del	UMa	12	15	25.5	+57	01	57	151.06	51.66	81	3.31	A3V
3															
7234	40	tau	Sgr	19	06	56.3	-27	40	14	284.83	-5.09	120	3.31	K1III	
4140				10	32	01.4	-61	41	07	203.06	-61.45	543	3.32	B4Vne	
4037		omg	Car	10	13	44.3	-70	02	16	217.44	-67.38	407	3.33	B8IIIe	
6380		eta	Sco	17	12	09.1	-43	14	21	260.74	-20.18	72	3.34	F3III-IVp	
6462		gam	Ara	17	25	23.5	-56	22	39	264.29	-33.11	1919	3.34	B1Ib	
3															
6698	64	nu	Oph	17	59	01.5	-09	46	25	269.75	13.67	155	3.34	K0IIIaCN-1	
1336		alf	Ret	04	14	25.5	-62	28	26	7.51	-78.04	171	3.35	G8II-III	
2															
1788	28	eta	Ori	05	24	28.6	-02	23	49	80.16	-25.53	152	3.35	B1V+B2e	
3															
4359	70	tet	Leo	11	14	14.3	+15	25	46	163.42	9.67	181	3.35	A2V	
8465	21	zet	Cep	22	10	51.2	+58	12	05	13.96	61.15	831	3.35	K1.5Ib	
2484	31	xi	Gem	06	45	17.3	+12	53	44	101.21	-10.10	57	3.36	F5III	
7377	30	del	Aql	19	25	29.8	+03	06	53	293.64	24.82	50	3.36	F3IV	
3															
542	45	eps	Cas	01	54	23.6	+63	40	13	54.76	47.55	465	3.37	B3III	
5708		eps	Lup	15	22	40.8	-44	41	22	240.12	-25.25	543	3.37	B2IV-V	
3															
3482	11	eps	Hya	08	46	46.5	+06	25	08	132.34	-11.10	135	3.38	G5III	
6															
4910	43	del	Vir	12	55	36.1	+03	23	51	191.46	8.61	203	3.38	M3III	
2															
5107	79	zet	Vir	13	34	41.5	-00	35	46	202.13	8.64	74	3.38	A3V	

6582		eta	Pav	17	45	43.9	-64	43	26	267.97	-41.31	407	3.62	K2II	
8762	1	omi	And	23	01	55.2	+42	19	34	7.78	43.75	237	3.62	B6IIIpe+A2p	
7882	6	bet	Del	20	37	32.9	+14	35	43	316.34	31.92	98	3.63	F5IV	
4520		lam	Mus	11	45	36.4	-66	43	43	220.99	-58.51	130	3.64	A7III	
8812	88		Aqr	23	09	26.7	-21	10	21	340.02	-14.49	250	3.64	K1III	
1346	54	gam	Tau	04	19	47.5	+15	37	39	65.81	-5.73	155	3.65	K0-IIIabCN1	
4825	29	gam	Vir	12	41	39.5	-01	26	58	190.14	2.79	38	3.65	F0V	
5291	*	11	alf	Dra	14	04	23.2	+64	22	33	157.46	66.36	326	3.65	A0III
5812	40	tau	Lib	15	38	39.3	-29	46	40	239.35	-10.02	465	3.65	B2.5V	
7986		bet	Ind	20	54	48.5	-58	27	15	297.79	-39.16	414	3.65	K1II	
153	17	zet	Cas	00	36	58.2	+53	53	49	35.07	44.72	660	3.66	B2IV	
1879	39	lam	Ori	05	35	08.2	+09	56	03	83.71	-13.37	175	3.66	O8e	
6743		tet	Ara	18	06	37.7	-50	05	30	271.19	-26.66	2133	3.66	B2Ib	
3757	23		UMa	09	31	31.7	+63	03	43	120.82	45.17	75	3.67	F0IV	
5867	28	bet	Ser	15	46	11.2	+15	25	18	229.95	34.33	155	3.67	A2IV	
8278	40	gam	Cap	21	40	05.4	-16	39	45	321.79	-2.56	141	3.67	F0p	
1552	3	pi4	Ori	04	51	12.3	+05	36	18	72.10	-16.77	734	3.68	B2III+B2IV	
3468		alf	Pyx	08	43	35.5	-33	11	11	146.50	-48.92	862	3.68	B1.5III	
4826	29	gam	Vir	12	41	39.5	-01	26	58	190.14	2.79	38	3.68	F0V	
5747	3	bet	CrB	15	27	49.7	+29	06	20	219.12	46.05	116	3.68	F0p	
3884				09	45	14.8	-62	30	28	197.07	-66.31	2183	3.69	G5Iab-Ib	
566		chi	Eri	01	55	57.4	-51	36	32	356.25	-57.02	57	3.70	G8IIIbCNIV	
1003	16	tau4	Eri	03	19	30.9	-21	45	28	40.11	-38.51	271	3.70	M3.5IIaCa-1	
1142	*	17	Tau	03	44	52.5	+24	06	48	59.41	4.19	407	3.70	B6IIIe	
5892	37	eps	Ser	15	50	48.9	+04	28	40	234.33	24.01	70	3.70	A2m	
6703	92	xi	Her	17	57	45.8	+29	14	52	269.19	52.69	135	3.70	G8III	
8852	6	gam	Psc	23	17	09.9	+03	16	56	351.45	7.26	135	3.70	K0III:CN-1.5Fe-1	
539	55	zet	Cet	01	51	27.5	-10	20	06	21.95	-20.33	271	3.72	K0IIIBa0.1	
2077	33	del	Aur	05	59	31.6	+54	17	05	89.92	30.85	141	3.72	K0III	
2085	16	eta	Lep	05	56	24.2	-14	10	04	88.90	-37.60	49	3.72	F1III	
4518	63	chi	UMa	11	46	03.0	+47	46	46	153.66	41.54	203	3.72	K2III	
7602	*	60	bet	Aql	19	55	18.7	+06	24	24	302.42	26.66	45	3.72	G8IV
1084	18	eps	Eri	03	32	55.8	-09	27	30	48.17	-27.72	10	3.73	K2V	
1567	8	pi5	Ori	04	54	15.0	+02	26	26	72.49	-20.01	761	3.73	B3III+B0V	
3080				07	52	13.0	-40	34	33	135.08	-59.70	362	3.73	K1-2II+a	
5511	109		Vir	14	46	14.9	+01	53	34	218.52	17.10	130	3.73	A0V	
6771	72		Oph	18	07	20.9	+09	33	50	272.16	32.99	83	3.73	A4IVs	
8079	62	xi	Cyg	21	04	55.8	+43	55	40	340.80	56.58	1328	3.73	K4-5Ib-II	
8130	65	tau	Cyg	21	14	47.4	+38	02	44	338.61	50.55	69	3.73	F2IV	
8204	34	zet	Cap	21	26	39.9	-22	24	41	316.94	-6.99	407	3.74	G4Ib	
8698	73	lam	Aqr	22	52	36.8	-07	34	47	341.58	-0.39	407	3.74	M2.5IIaFe-1	
1038	2	xi	Tau	03	27	10.1	+09	43	58	51.91	-8.80	232	3.75	B9Vn	
1612	8	zet	Aur	05	02	28.6	+41	04	33	78.63	18.20	182	3.75	K4II+B8V	
3614				09	04	09.2	-47	05	52	163.82	-59.32	326	3.75	K2III	
6629	62	gam	Oph	17	47	53.5	+02	42	26	266.63	26.11	95	3.75	A0V	
6688	32	xi	Dra	17	53	31.6	+56	52	21	264.75	80.28	112	3.75	K2III	

8571	27	del	Cep	22	29	10.2	+58	24	55	17.61	59.54	1518	3.75	F5Ib-G2Ib
3														
1373	61	dell	Tau	04	22	56.0	+17	32	33	66.87	-3.97	155	3.76	K0IIICN0.5
3														
1922		bet	Dor	05	33	37.5	-62	29	24	52.12	-85.04	1525	3.76	F6Ia
6095	20	gam	Her	16	21	55.1	+19	09	11	239.21	40.01	203	3.76	A9III
3														
6229		eta	Ara	16	49	47.0	-59	02	29	258.90	-36.28	326	3.76	K5III
2														
7328	1	kap	Cyg	19	17	06.0	+53	22	07	314.92	73.80	125	3.76	G9III
8254		nu	Oct	21	41	28.6	-77	23	24	289.69	-57.78	69	3.76	K0III
2														
8430	24	iot	Peg	22	07	00.6	+25	20	42	344.41	34.26	38	3.76	F5V
2														
3347		bet	Vol	08	25	44.3	-66	08	13	195.17	-75.59	108	3.77	K1III
7217	39	omi	Sgr	19	04	40.9	-21	44	30	284.99	0.86	141	3.77	G8III
2														
7906	9	alf	Del	20	39	38.2	+15	54	43	317.38	33.02	250	3.77	B9IV
6														
7950	2	eps	Aqr	20	47	40.5	-09	29	45	311.72	8.08	232	3.77	A1V
8585	7	alf	Lac	22	31	17.4	+50	16	57	8.14	53.29	105	3.77	A1V
2														
2736		gam2	Vol	07	08	45.0	-70	29	57	219.86	-82.62	141	3.78	K0III
2														
4257				10	53	29.6	-58	51	12	202.44	-57.57	98	3.78	K1III
3														
7420	10	iot2	Cyg	19	29	42.2	+51	43	47	317.97	71.45	125	3.78	A5Vn
834	15	eta	Per	02	50	41.8	+55	53	44	58.70	37.48	588	3.79	M3-Ib-IIa
6														
2650	43	zet	Gem	07	04	06.5	+20	34	13	104.99	-2.04	1546	3.79	F7-G3Ib
6														
2821	60	iot	Gem	07	25	43.5	+27	47	53	108.96	5.76	130	3.79	G9IIIbHdelta-1
4094	42	mu	Hya	10	26	05.4	-16	50	11	165.04	-24.67	250	3.79	K4.5III
1135	41	nu	Per	03	45	11.6	+42	34	43	63.82	22.15	510	3.80	F5II
2														
1931	48	sig	Ori	05	38	44.7	-02	36	00	84.10	-25.93	1136	3.80	O9.5V
5														
4058	41	gam2	Leo	10	19	58.6	+19	50	25	149.62	8.81	130	3.80	G7IIICN-I
4														
5788	13	del	Ser	15	34	48.0	+10	32	15	228.34	28.88	217	3.80	F0IV
4														
5789	13	del	Ser	15	34	48.1	+10	32	21	228.34	28.88	217	3.80	F0IV
4														
6588	85	iot	Her	17	39	27.8	+46	00	23	259.89	69.27	543	3.80	B3IV
2														
7735	31		Cyg	20	13	37.8	+46	44	29	328.07	63.60	469	3.80	K2II+B3V
6														
941	27	kap	Per	03	09	29.7	+44	51	27	57.69	26.08	112	3.81	K0III
2														
3445				08	40	37.6	-46	38	55	156.54	-61.15	8521	3.81	F3Ia
2														
3888	29	ups	UMa	09	50	59.3	+59	02	19	126.27	42.65	116	3.81	F2IV
2														
4114				10	27	52.7	-58	44	22	197.85	-59.89	1470	3.81	F2II
7536	7	del	Sge	19	47	23.2	+18	32	03	303.39	38.91	465	3.81	M2II+A0V
1464	52	ups2	Eri	04	35	33.0	-30	33	45	59.88	-51.82	217	3.82	G8IIIHdelta-1
2749	28	omg	CMa	07	14	48.6	-26	46	22	115.63	-48.56	567	3.82	B2IV-Ve
3690	38		Lyn	09	18	50.6	+36	48	09	130.57	20.10	125	3.82	A3V
4														
8961	16	lam	And	23	37	33.8	+46	27	30	18.29	43.78	85	3.82	G8III-IV
4														
1131	38	omi	Per	03	44	19.1	+32	17	18	61.14	12.18	779	3.83	B1III
2														
4247	46		LMi	10	53	18.6	+34	12	53	150.88	24.93	98	3.83	K0III-IV
4337				11	08	35.3	-58	58	30	205.13	-56.29	4393	3.83	G40-Ia
5248		phi	Cen	13	58	16.2	-42	06	03	223.04	-28.00	465	3.83	B2IV
5470		alf	Aps	14	47	51.6	-79	02	41	254.43	-58.23	465	3.83	K2.5III

4689	15	eta	Vir	12	19	54.3	-00	40	00	184.83	1.37	250	3.90	A2IV
3														
7570	55	eta	Aql	19	52	28.3	+01	00	20	300.43	21.52	858	3.90	F6Ibv
8131	8	alf	Equ	21	15	49.3	+05	14	52	323.12	20.12	191	3.90	G0III+A5V
2														
1251	38	nu	Tau	04	03	09.3	+05	59	22	59.92	-14.45	130	3.91	A1V
2429	7	nu2	CMa	06	36	41.0	-19	15	22	101.74	-42.32	65	3.91	K1III
3487				08	46	01.7	-46	02	30	157.50	-60.14	831	3.91	A1III
3845	35	iot	Hya	09	39	51.3	-01	08	34	147.64	-14.28	296	3.91	K2.5III-IIIbBa0.3
4743		sig	Cen	12	28	02.3	-50	13	51	210.73	-42.39	465	3.91	B2V
5787	38	gam	Lib	15	35	31.5	-14	47	22	235.14	4.39	155	3.91	G8.5III
3														
6092	22	tau	Her	16	19	44.3	+46	18	48	224.38	65.83	326	3.91	B5IV
2														
338		zet	Phe	01	08	23.0	-55	14	45	342.38	-55.13	296	3.92	B6V+B9V
3														
868				02	53	52.8	-49	53	25	12.36	-61.40	496	3.92	M7IIIe
1463	48	nu	Eri	04	36	19.1	-03	21	09	66.81	-25.12	866	3.92	B2III
2														
6324	58	eps	Her	17	00	17.3	+30	55	35	248.33	53.25	163	3.92	A0V
100		kap	Phe	00	26	12.1	-43	40	48	344.52	-41.79	77	3.93	A7V
2970	26	alf	Mon	07	41	14.8	-09	33	04	119.28	-30.45	148	3.93	K0III
6714	67		Oph	18	00	38.6	+02	55	53	270.18	26.37	2350	3.93	B5Ib
5														
7340	44	rol	Sgr	19	21	40.3	-17	50	50	289.45	4.22	125	3.93	F0IV-V
2														
7615	21	eta	Cyg	19	56	18.3	+35	05	00	312.93	54.27	141	3.93	K0III
5														
8667	47	lam	Peg	22	46	31.8	+23	33	56	353.05	28.80	407	3.93	G8IIIa*
3461	47	del	Cnc	08	44	41.0	+18	09	15	128.72	0.08	141	3.94	K0III-IIIb
2														
4399	78	iot	Leo	11	23	55.4	+10	31	45	167.57	6.10	79	3.94	F4IV
2														
8028	58	nu	Cyg	20	57	10.3	+41	10	02	336.14	54.91	362	3.94	A1Vn
440		del	Phe	01	31	15.0	-49	04	22	353.62	-52.58	148	3.95	K0III-IV
2996	3		Pup	07	43	48.4	-28	57	18	125.88	-49.21	624	3.95	A2Iabe
3024		zet	Vol	07	41	49.3	-72	36	22	225.76	-79.39	135	3.95	K0III
2														
5055	79	zet	UMa	13	23	56.3	+54	55	18	165.71	56.38	79	3.95	A1m
4														
5883	5	chi	Lup	15	50	57.4	-33	37	38	242.84	-13.18	217	3.95	B9IV
854	18	tau	Per	02	54	15.4	+52	45	45	57.91	34.37	250	3.96	G4III+A4V
4														
1393	43		Eri	04	24	02.1	-34	01	01	54.49	-54.54	296	3.96	K4III
2120		eta	Col	05	59	08.7	-42	48	55	89.61	-66.25	543	3.96	K0III
2227	5	gam	Mon	06	14	51.3	-06	16	29	94.25	-29.66	195	3.96	K3III
2														
4638		ro	Cen	12	11	39.1	-52	22	06	209.39	-45.58	362	3.96	B3V
7590		eps	Pav	20	00	35.4	-72	54	38	283.53	-50.89	108	3.96	A0V
2012	32	nu	Aur	05	51	29.3	+39	08	55	88.29	15.72	217	3.97	K0III*
2														
3579				09	00	38.3	+41	46	58	125.28	23.71	54	3.97	F5V
5														
5993	9	omg1	Sco	16	06	48.3	-20	40	09	243.67	0.22	465	3.97	B1V
7348		alf	Sgr	19	23	53.0	-40	36	58	286.64	-18.38	171	3.97	B8V
8556		dell	Gru	22	29	16.1	-43	29	45	321.60	-31.35	296	3.97	G6-8III
2														
580	50		Cas	02	03	26.0	+72	25	17	63.56	54.39	163	3.98	A2V
2803		del	Vol	07	16	49.8	-67	57	27	199.43	-82.48	727	3.98	F6II
3438		bet	Pyx	08	40	06.2	-35	18	29	146.80	-51.16	407	3.98	G7Ib-II
2														
3663				09	11	16.7	-62	19	02	190.86	-69.48	543	3.98	B3III
7751	32		Cyg	20	15	28.2	+47	42	52	329.79	64.29	1611	3.98	K3Ib+B3V
2														
8679	71	tau2	Aqr	22	49	35.4	-13	35	33	338.60	-5.66	407	3.98	M0III
2														
8892	98		Aqr	23	22	58.1	-20	06	02	343.46	-14.79	163	3.98	K0III

8848		gam	Tuc	23	17	25.7	-58	14	08	320.44	-47.85	72	3.99	F1III
3615		alf	Vol	09	02	26.9	-66	23	46	200.59	-72.20	125	4.00	A2-3IVm
4102				10	24	23.7	-74	01	54	228.08	-67.88	53	4.00	F2IV
5471				14	41	57.5	-37	47	37	229.93	-20.99	326	4.00	B3V
7157	13		Lyr	18	55	20.0	+43	56	46	295.23	66.18	362	4.00	M5III
8597	62	eta	Aqr	22	35	21.3	-00	07	03	340.40	8.15	191	4.00	B9IV-Vn
664	9	gam	Tri	02	17	18.8	+33	50	50	43.52	18.95	120	4.01	A1Vnn
3518		gam	Pyx	08	50	31.9	-27	42	36	145.47	-43.29	217	4.01	K3III
6027	14	nu	Sco	16	11	59.6	-19	27	38	244.64	1.63	465	4.01	B3V
5														
6982		zet	Pav	18	43	02.1	-71	25	42	275.12	-48.18	217	4.01	K0III
2														
7337		bet1	Sgr	19	22	38.2	-44	27	32	285.78	-22.14	407	4.01	B9V
2														
7834	41		Cyg	20	29	23.6	+30	22	07	320.71	47.45	577	4.01	F5II
9072	28	omg	Psc	23	59	18.6	+06	51	48	2.58	6.36	108	4.01	F4IV
585	59	ups	Cet	02	00	00.2	-21	04	40	19.43	-31.03	326	4.02	M0.5IIIBa0.2
1520	57	mu	Eri	04	45	30.1	-03	15	17	69.34	-25.37	543	4.02	B5IV
1603	10	bet	Cam	05	03	25.1	+60	26	32	81.27	37.43	1304	4.02	G0Ib
3														
3475	48	iot	Cnc	08	46	41.8	+28	45	36	126.35	10.43	326	4.02	G7.5IIIBa0.1
2														
4623	1	alf	Crv	12	08	24.7	-24	43	44	192.24	-21.75	48	4.02	F2III-IV
4671		eps	Mus	12	17	34.2	-67	57	38	226.56	-57.04	326	4.02	M5III
5062	*	80	UMa	13	25	13.4	+54	59	17	165.87	56.55	81	4.02	A5V
6072		gam2	Nor	16	19	50.3	-50	09	20	252.07	-28.26	130	4.02	G8III
2														
7176	13	eps	Aql	18	59	37.3	+15	04	06	288.26	37.57	155	4.02	K1IIICN0.5Ba0.2
3														
7193	12		Aql	19	01	40.7	-05	44	20	286.05	16.85	155	4.02	K1IIIV
8252	73	ro	Cyg	21	33	58.8	+45	35	31	350.14	55.19	125	4.02	G8IIICN-0.5Hdelta1
1273	48		Per	04	08	39.6	+47	42	45	69.50	26.24	299	4.03	B3Ve
5986	13	tet	Dra	16	01	53.2	+58	33	55	196.67	74.44	69	4.03	F8IV
6752	70		Oph	18	05	27.2	+02	29	58	271.51	25.93	16	4.03	K0V
11														
1228	46	xi	Per	03	58	57.8	+35	47	28	64.97	14.94	2624	4.04	O7e
4517	3	nu	Vir	11	45	51.5	+06	31	46	174.16	4.59	326	4.04	M1IIIB
4898		mul	Cru	12	54	35.6	-57	10	40	220.61	-46.07	407	4.04	B2IV-V
2														
7852	2	eps	Del	20	33	12.7	+11	18	12	314.06	29.07	362	4.04	B6III
937		iot	Per	03	09	04.0	+49	36	48	59.27	30.63	34	4.05	G0V
2														
1298	38	omil	Eri	04	11	51.9	-06	50	16	59.43	-27.45	130	4.05	F2II-III
4386	77	sig	Leo	11	21	08.1	+06	01	46	168.71	1.70	217	4.05	B9.5Vs
4679		zet	Cru	12	18	26.1	-64	00	11	221.74	-54.16	362	4.05	B2.5V
2														
5367		psi	Cen	14	20	33.3	-37	53	07	225.69	-22.50	250	4.05	A0IV
2														
5453		ro	Lup	14	37	53.1	-49	25	32	233.62	-32.17	326	4.05	B5V
5485				14	43	39.3	-35	10	26	229.38	-18.40	217	4.05	K5III
5626		lam	Lup	15	08	50.5	-45	16	47	237.71	-26.52	407	4.05	B3V
2														
215	34	zet	And	00	47	20.3	+24	16	02	20.58	17.62	191	4.06	K1IIE
4														
496		phi	Per	01	43	39.6	+50	41	20	44.59	36.85	440	4.06	B2Vep
779	82	del	Cet	02	39	28.9	+00	19	43	37.57	-14.46	815	4.06	B2IV
1580	9	omi2	Ori	04	56	22.2	+13	30	52	74.34	-9.06	171	4.06	K2III
3														
2905	69	ups	Gem	07	35	55.3	+26	53	44	111.34	5.22	250	4.06	M0III-IIIb
2														
5404	23	tet	Boo	14	25	11.7	+51	51	03	182.61	60.11	47	4.06	F7V
2														
6295		eps1	Ara	16	59	35.0	-53	09	38	259.58	-30.27	326	4.06	K4IIIB
3318		alf	Cha	08	18	31.7	-76	55	11	239.30	-75.41	63	4.07	F5III
3477				08	44	23.9	-42	38	57	153.69	-57.36	232	4.07	G5III
2														
4287	7	alf	Crt	10	59	46.4	-18	17	56	173.69	-22.72	181	4.07	K0III

5200	5	ups	Boo	13	49	28.5	+15	47	52	199.20	25.20	250	4.07	K5IIIv
5670		bet	Cir	15	17	30.8	-58	48	04	244.31	-38.93	98	4.07	A3V
8075	23	tet	Cap	21	05	56.7	-17	13	58	313.84	-0.59	163	4.07	A1V
2574	14	tet	CMa	06	54	11.3	-12	02	19	106.18	-34.72	271	4.08	K4III
4405	15	gam	Crt	11	24	52.8	-17	41	03	179.23	-19.67	85	4.08	A5V
2														
8316		mu	Cep	21	43	30.3	+58	46	48	9.71	64.19	3898	4.08	M2Iae
3														
705		del	Hya	02	21	45.1	-68	39	34	329.18	-69.80	135	4.09	A3V
919	11	tau3	Eri	03	02	23.5	-23	37	28	34.53	-38.91	88	4.09	A4IV
1907	40	phi2	Ori	05	36	54.3	+09	17	26	84.13	-14.03	116	4.09	K0IIIbCN-2
3825				09	34	26.6	-59	13	46	188.74	-65.37	1280	4.09	B5II
5338	99	iot	Vir	14	16	00.8	-06	00	02	213.80	7.20	70	4.09	F6III
5879	35	kap	Ser	15	48	44.3	+18	08	29	229.78	37.11	362	4.09	M0.5IIIab
8173	1		Peg	21	22	05.1	+19	48	16	330.31	33.28	155	4.09	K1III
3														
458	50	ups	And	01	36	47.8	+41	24	20	38.55	28.98	44	4.10	F8V
3														
1066	5		Tau	03	30	52.3	+12	56	12	53.59	-5.92	362	4.10	K0II-IIIFe-0.5
2														
4522				11	46	30.7	-61	10	42	213.83	-54.60	465	4.10	G5Ib-II
2														
794		iot	Eri	02	40	40.0	-39	51	19	18.77	-51.71	148	4.11	K0III
806		eps	Hya	02	39	35.5	-68	16	01	331.91	-71.22	155	4.11	B9V
2657	23	gam	CMa	07	03	45.4	-15	38	00	109.61	-37.99	407	4.11	B8II
3055				07	49	14.3	-46	22	24	139.07	-65.23	1824	4.11	B0III
2														
3903	39	ups1	Hya	09	51	28.6	-14	50	48	155.69	-26.08	296	4.11	G7-III-IIIb
4174		gam	Cha	10	35	28.1	-78	36	27	240.42	-68.08	465	4.11	M0III
5771		eps	TrA	15	36	43.1	-66	19	02	250.48	-45.29	217	4.11	K1-2III
2														
7254		alf	CrA	19	09	28.2	-37	54	16	284.13	-15.31	130	4.11	A2V
7259		bet	CrA	19	10	01.6	-39	20	27	284.06	-16.75	543	4.11	K0II
8560		del2	Gru	22	29	45.4	-43	44	58	321.57	-31.61	326	4.11	M4.5IIIA
2														
1784	29		Ori	05	23	56.8	-07	48	29	79.58	-30.92	181	4.12	G8IIICN-0.5
2124	61	mu	Ori	06	02	23.0	+09	38	51	90.60	-13.79	155	4.12	A2V
3														
4608	9	omi	Vir	12	05	12.5	+08	43	59	177.69	8.52	171	4.12	G8IIIAcN-1Ba1CH1
7980	18	omg	Cap	20	51	49.2	-26	55	09	307.96	-8.96	210	4.12	K5IIIA
8315	10	kap	Peg	21	44	38.6	+25	38	42	338.93	36.64	116	4.12	F5IV
3														
8747		zet	Gru	23	00	52.8	-52	45	15	321.93	-41.99	116	4.12	G8-K0III
799	13	tet	Per	02	44	11.9	+49	13	43	54.67	31.62	36	4.13	F8V
3														
5778	4	tet	CrB	15	32	55.7	+31	21	32	219.45	48.55	326	4.13	B6Vnne
2														
6905		zet	Tel	18	28	49.8	-49	04	15	275.24	-25.76	130	4.13	G8-K0III
7581		iot	Sgr	19	55	15.5	-41	52	06	292.56	-20.66	191	4.13	K0II-III
7936	16	psi	Cap	20	46	05.6	-25	16	16	307.16	-7.03	47	4.13	F4V
8969	17	iot	Psc	23	39	57.0	+05	37	35	357.64	7.15	45	4.13	F7V
2														
2343	18	nu	Gem	06	28	57.7	+20	12	43	96.80	-3.06	543	4.14	B6IIIE
8														
3426				08	37	38.6	-42	59	21	151.97	-58.26	723	4.14	A6II
8976	19	kap	And	23	40	24.4	+44	20	02	17.30	41.72	171	4.14	B9IVn
3														
2134	1		Gem	06	04	07.2	+23	15	48	90.95	-0.17	155	4.15	G7III
4														
2714	22	del	Mon	07	11	51.8	-00	29	34	109.54	-22.72	407	4.15	A2V
2														
4616		eta	Cru	12	06	52.8	-64	36	49	220.90	-55.46	65	4.15	F2III
2														
8498	1		Lac	22	15	58.1	+37	44	56	354.01	44.40	175	4.15	K3II-III
8630		bet	Oct	22	46	03.3	-81	22	54	288.02	-62.65	141	4.15	A9IV-V
130	15	kap	Cas	00	32	59.9	+62	55	55	42.60	52.28	2917	4.16	B1Iae

1303	51	mu	Per	04	14	53.8	+48	24	34	70.79	26.71	1833	4.16	G0Ib
5														
5908	46	tet	Lib	15	53	49.4	-16	43	46	239.87	3.47	163	4.16	G8.5IIIb
5947	13	eps	CrB	15	57	35.2	+26	52	40	229.12	46.07	232	4.16	K2IIIab
3														
6166				16	36	22.4	-35	15	20	252.59	-13.07	362	4.16	K6III
6486	44		Oph	17	26	22.1	-24	10	31	262.33	-0.96	85	4.16	A3m
8499	43	tet	Aqr	22	16	49.9	-07	47	00	333.26	2.71	191	4.16	G8III-IV
1195				03	49	27.2	-36	12	01	41.76	-54.31	217	4.17	G9II-III
3410	4	del	Hya	08	37	39.3	+05	42	13	130.30	-12.39	181	4.17	A1Vnn
2														
1156	*	23	Tau	03	46	19.5	+23	56	54	59.70	3.96	362	4.18	B6IVe
2852	62	ro	Gem	07	29	06.6	+31	47	04	109.09	9.81	60	4.18	F0V
4														
5351	19	lam	Boo	14	16	22.9	+46	05	18	186.96	54.65	98	4.18	A0p
8628	18	eps	PsA	22	40	39.3	-27	02	37	331.33	-17.27	222	4.18	B8Ve
5192	2		Cen	13	49	26.6	-34	27	02	218.03	-21.61	181	4.19	M5III
7061	110		Her	18	45	39.6	+20	32	47	284.78	43.40	62	4.19	F6V
5														
8494	23	eps	Cep	22	15	01.9	+57	02	37	13.05	59.94	85	4.19	F0IV
2														
8665	46	xi	Peg	22	46	41.5	+12	10	22	347.95	18.40	53	4.19	F6III-IV
3														
1839	32		Ori	05	30	47.0	+05	56	53	82.39	-17.30	296	4.20	B5V
2														
3102	11		Pup	07	56	51.5	-22	52	49	127.64	-42.58	543	4.20	F7II
6168	35	sig	Her	16	34	06.1	+42	26	13	233.24	63.16	326	4.20	B9V
2														
1949	50	zet	Ori	05	40	45.5	-01	56	34	84.68	-25.29	2255	4.21	B0III
3														
4100	31	bet	LMi	10	27	52.9	+36	42	26	144.54	25.07	148	4.21	G9IIIab
2														
5315	98	kap	Vir	14	12	53.7	-10	16	25	214.49	2.91	232	4.21	K3III
8720	23	del	PsA	22	55	56.8	-32	32	23	332.19	-23.64	171	4.21	G8III
2														
1035				03	29	04.1	+59	56	25	66.58	39.53	3228	4.22	B9Ia
2														
1387	65	kap1	Tau	04	25	22.1	+22	17	38	68.20	0.63	155	4.22	A7IV-V
6														
6920	43	phi	Dra	18	20	45.3	+71	20	16	71.09	84.88	296	4.22	A0pSi:
3														
7063		bet	Sct	18	47	10.4	-04	44	53	282.38	18.19	432	4.22	G5IICN0.5FelHdeltal
7074		lam	Pav	18	52	12.9	-62	11	16	277.80	-39.10	1286	4.22	B2II-IIIe
2														
7850	2	tet	Cep	20	29	34.8	+62	59	39	4.86	73.93	135	4.22	A7III
8181		gam	Pav	21	26	26.7	-65	21	59	298.61	-46.97	30	4.22	F6V
8834	90	phi	Aqr	23	14	19.3	-06	02	56	347.14	-1.05	232	4.22	M1.5III
77		zet	Tuc	00	20	04.2	-64	52	30	322.37	-57.72	28	4.23	F9V
840	16		Per	02	50	34.9	+38	19	07	51.84	20.94	130	4.23	F2III
3														
1087	37	psi	Per	03	36	29.3	+48	11	34	63.75	27.97	300	4.23	B5Ve
1173	27	tau6	Eri	03	46	50.8	-23	14	59	47.36	-41.89	59	4.23	F3III
5168	1		Cen	13	45	41.2	-33	02	37	216.68	-20.60	63	4.23	F3IV
5987		tet	Lup	16	06	35.4	-36	48	08	246.74	-15.62	465	4.23	B2.5Vn
6143				16	31	22.8	-34	42	16	251.47	-12.68	932	4.23	B2III-IV
6322	22	eps	UMi	16	45	57.8	+82	02	14	99.14	73.92	362	4.23	G5III
2														
7942	52		Cyg	20	45	39.6	+30	43	11	325.67	46.48	217	4.23	K0III
2														
811	89	pi	Cet	02	44	07.3	-13	51	32	33.76	-28.25	465	4.24	B7V
3090				07	53	18.2	-48	06	11	142.49	-66.46	2877	4.24	B0.5Ib
6163		bet	Aps	16	43	04.4	-77	31	03	262.95	-54.55	163	4.24	K0III
2														
6581	56	omi	Ser	17	41	24.8	-12	52	31	265.39	10.49	171	4.24	A2V
7564		chi	Cyg	19	50	33.8	+32	54	51	309.88	52.60	362	4.24	S6+/1e
2														
8143	67	sig	Cyg	21	17	24.9	+39	23	41	340.35	51.49	3443	4.24	B9Iab

8335	81	pi2	Cyg	21	46	47.5	+49	18	35	357.18	56.94	564	4.24	B3III
335	42	phi	And	01	09	30.1	+47	14	31	36.42	36.37	409	4.25	B7Ve
2														
721		kap	Eri	02	26	59.1	-47	42	14	7.94	-57.01	543	4.25	B5IV
1338		gam	Dor	04	16	01.6	-51	29	12	36.55	-70.14	66	4.25	F4III
1458	88		Tau	04	35	39.2	+10	09	39	68.80	-11.74	155	4.25	A5m
2														
2091	35	pi	Aur	05	59	56.1	+45	56	13	89.99	22.50	727	4.25	M3II
3275	31		Lyn	08	22	50.1	+43	11	17	117.56	23.11	407	4.25	K4.5III-IIIb
4104		alf	Ant	10	27	09.1	-31	04	04	172.44	-37.43	407	4.25	K4III
5430	5		UMi	14	27	31.4	+75	41	45	128.39	71.45	362	4.25	K4IIIBa0.3
3														
8418	33	iot	Aqr	22	06	26.1	-13	52	11	328.72	-2.08	181	4.25	B9IV-V
8841	91	psi1	Aqr	23	15	53.4	-09	05	16	346.31	-4.00	155	4.25	K0III
5														
285				01	08	44.9	+86	15	26	81.45	65.21	326	4.26	K2II-III
510	110	omi	Psc	01	45	23.6	+09	09	28	27.74	-1.62	271	4.26	G8III
1454	58		Per	04	36	41.3	+41	15	53	73.58	19.01	253	4.26	K4III+A3V
2														
3572	65	alf	Cnc	08	58	29.2	+11	51	28	133.64	-5.08	181	4.26	A5m
3														
4674		bet	Cha	12	18	20.7	-79	18	43	245.44	-63.59	271	4.26	B5Vn
4983	43	bet	Com	13	11	52.3	+27	52	41	184.37	32.51	29	4.26	G0V
2														
5264	93	tau	Vir	14	01	38.7	+01	32	40	207.75	13.06	232	4.26	A3V
3														
280		alf	Scl	00	58	36.3	-29	21	28	0.49	-32.51	556	4.27	B7IIIp
813	87	mu	Cet	02	44	56.5	+10	06	51	41.94	-5.57	85	4.27	F0IV
2														
1008				03	19	55.6	-43	04	11	27.22	-58.11	19	4.27	G8III
1473	90		Tau	04	38	09.4	+12	30	39	69.76	-9.50	155	4.27	A6V
3														
1679	69	lam	Eri	05	09	08.7	-08	45	15	75.21	-31.54	862	4.27	B2IVne
3206		gam1	Vel	08	09	29.2	-47	20	44	147.34	-64.48	1280	4.27	B1IV
5														
4785	8	bet	CVn	12	33	44.5	+41	21	27	167.71	40.54	27	4.27	G0V
4889				12	53	26.1	-40	10	44	209.38	-31.45	155	4.27	A7III
4942		xi2	Cen	13	06	54.5	-49	54	22	217.56	-38.91	465	4.27	B1.5V
2														
5683		mu	Lup	15	18	31.9	-47	52	30	240.37	-28.50	296	4.27	B8Ve
3														
6023	11	phi	Her	16	08	46.1	+44	56	06	221.63	63.78	232	4.27	B9p:Mn:
6147	8	phi	Oph	16	31	08.2	-16	36	46	248.67	5.20	217	4.27	G8IIIa
3														
6492	45		Oph	17	27	21.2	-29	52	01	262.88	-6.63	112	4.27	F5IVdeltaSct*
7747	5	alf1	Cap	20	17	38.8	-12	30	30	303.77	6.99	1582	4.27	G3Ib
9														
7948	12	gam2	Del	20	46	39.4	+16	07	27	319.37	32.70	101	4.27	K1IV
2														
8167	32	iot	Cap	21	22	14.7	-16	50	05	317.68	-1.37	217	4.27	G8III
294	71	eps	Psc	01	02	56.5	+07	53	24	17.52	1.09	191	4.28	K0III
2														
1088	19	tau5	Eri	03	33	47.2	-21	37	59	44.20	-39.44	296	4.28	B8V+B8V
1101	10		Tau	03	36	52.3	+00	24	06	51.95	-18.44	45	4.28	F9V
2														
1320	49	mu	Tau	04	15	32.0	+08	53	32	63.58	-12.18	465	4.28	B3IV
1389	68	del3	Tau	04	25	29.3	+17	55	41	67.53	-3.69	148	4.28	A2IV
3														
1392	69	ups	Tau	04	26	18.4	+22	48	49	68.50	1.11	155	4.28	A8Vn
3														
4180				10	39	18.3	-55	36	12	195.74	-56.57	1567	4.28	G2-3Ib
3														
4552		bet	Hya	11	52	54.5	-33	54	28	193.45	-31.47	407	4.28	B9IIIpSi
2														
8787		tet	Gru	23	06	52.7	-43	31	14	328.84	-34.44	135	4.28	F5mdeltaDel
3														
1261	47	lam	Per	04	06	35.0	+50	21	05	69.75	28.89	362	4.29	A0IVn

1497	94	tau	Tau	04	42	14.6	+22	57	25	72.15	0.71	407	4.29	B3V
5														
1542	9	alf	Cam	04	54	03.0	+66	20	34	80.98	43.42	2944	4.29	O9.5Iae
1756	6	lam	Lep	05	19	34.4	-13	10	37	77.78	-36.19	1504	4.29	B0.5IV
2973	75	sig	Gem	07	43	18.7	+28	53	00	112.63	7.45	125	4.29	K1III
2														
6546				17	36	32.7	-38	38	07	265.25	-15.29	148	4.29	K0IIIb
7343		bet2	Sgr	19	23	13.1	-44	47	59	285.83	-22.50	141	4.29	F2III
8334	10	nu	Cep	21	45	26.8	+61	07	15	14.35	65.48	3862	4.29	A2Ia
8417	17	xi	Cep	22	03	47.3	+64	37	41	24.22	65.75	101	4.29	A3m
3														
8454	29	pi2	Peg	22	09	59.2	+33	10	42	349.55	40.98	271	4.29	F5III
8576	17	bet	PsA	22	31	30.3	-32	20	46	327.18	-21.37	155	4.29	A0V
2														
8965	17	iot	And	23	38	08.1	+43	16	05	16.08	41.03	543	4.29	B8V
718	73	xi2	Cet	02	28	09.5	+08	27	36	37.47	-5.86	181	4.30	B9III
1145	*	19	Tau	03	45	12.4	+24	28	02	59.56	4.52	407	4.30	B6IV
3														
1496	54		Eri	04	40	26.4	-19	40	18	64.73	-41.38	362	4.30	M4III
2														
2854	4	gam	CMi	07	28	09.7	+08	55	32	112.35	-12.82	407	4.30	K3III
4														
3454	7	eta	Hya	08	43	13.4	+03	23	55	132.30	-14.25	543	4.30	B3V
3751				09	37	05.2	+81	19	35	104.48	60.69	182	4.30	K3III
4471	91	ups	Leo	11	36	56.9	-00	49	26	175.04	-3.05	181	4.30	G8.5IIICN-0.5
2														
7139	12	del2	Lyr	18	54	30.1	+36	53	56	291.67	59.32	1085	4.30	M4II
3														
7740	33		Cyg	20	13	23.8	+56	34	04	343.40	71.58	155	4.30	A3IV-Vn
8916	10	tet	Psc	23	27	58.0	+06	22	44	355.19	9.03	163	4.30	K1III
3773	4	lam	Leo	09	31	43.1	+22	58	04	137.87	7.89	362	4.31	K5III
6446	53	nu	Ser	17	20	49.5	-12	50	48	260.30	10.26	203	4.31	A2V
2														
6498	49	sig	Oph	17	26	30.8	+04	08	25	260.59	27.31	517	4.31	K2II
3484	12		Hya	08	46	22.5	-13	32	52	138.36	-30.27	232	4.32	G8IIIbCN-0.5
2														
4775	8	eta	Crv	12	32	04.1	-16	11	46	193.81	-11.69	60	4.32	F2III-IV
5339		del	Oct	14	26	54.8	-83	40	04	259.03	-62.33	296	4.32	K2III
5733	51	mul	Boo	15	24	29.3	+37	22	38	213.18	53.42	125	4.32	F0V
3														
5903	16	zet	UMi	15	44	03.3	+77	47	40	117.40	75.12	407	4.32	A3Vn
596	113	alf	Psc	02	02	02.7	+02	45	49	29.38	-9.06	141	4.33	A0pSiSr
2														
1845	119		Tau	05	32	12.7	+18	35	39	83.40	-4.69	2124	4.33	M2Iab-Ib
2387	4	xil	CMa	06	31	51.3	-23	25	06	100.66	-46.56	1490	4.33	B0.5IV
3														
3188	29	zet	Mon	08	08	35.6	-02	59	02	125.14	-22.59	878	4.33	G2Ib
4														
3457				08	40	37.0	-59	45	40	178.32	-71.04	911	4.33	B1.5III
2														
4888				12	53	06.8	-48	56	35	214.44	-39.19	326	4.33	K3-4III
5260		ups2	Cen	14	01	43.3	-45	36	12	225.29	-30.97	465	4.33	F6II
5528		omi	Lup	14	51	38.3	-43	34	31	233.87	-25.86	407	4.33	B5IV
2														
5686	2		Lup	15	17	49.7	-30	08	55	235.00	-11.50	326	4.33	G9IIIaFe1
5797		omg	Lup	15	38	03.1	-42	34	02	242.44	-22.46	232	4.33	K4.5III
2														
5997	10	omg2	Sco	16	07	24.2	-20	52	07	243.84	0.05	271	4.33	G3II-III
7884	71		Aql	20	38	20.2	-01	06	19	311.72	16.79	407	4.33	G8III
2														
343	33	tet	Cas	01	11	06.1	+55	09	00	41.80	43.12	141	4.34	A7V
2														
3696				09	16	12.2	-57	32	28	181.83	-66.07	543	4.34	M1III
4537				11	49	41.0	-63	47	18	217.51	-56.21	465	4.34	B3Vne
4599		tet1	Cru	12	03	01.5	-63	18	46	218.78	-54.82	232	4.34	Am
2														
6872	1	kap	Lyr	18	19	51.6	+36	03	52	277.89	59.37	250	4.34	K2IIIabCN1

7314	21	tet	Lyr	19	16	22.0	+38	08	01	300.52	59.57	491	4.38	K0II
3														
7479	5	alf	Sge	19	40	05.7	+18	00	50	301.07	38.79	543	4.38	G1III
4														
7488	6	bet	Sge	19	41	02.9	+17	28	33	301.21	38.22	543	4.38	G8IIIaCN0.5
1560	61	omg	Eri	04	52	53.6	-05	27	10	71.05	-27.79	232	4.39	F4III+A6III
2435				06	34	58.5	-52	58	32	111.83	-75.75	1065	4.39	A0II
4293				11	00	09.2	-42	13	33	187.32	-43.84	217	4.39	A3IV
7750	1	kap	Cep	20	08	53.2	+77	42	41	63.08	75.49	362	4.39	B9III
3														
8140		tet	Ind	21	19	51.9	-53	26	59	304.20	-35.78	98	4.39	A5V
2														
8906	99		Aqr	23	26	02.7	-20	38	31	343.91	-15.57	326	4.39	K5III
2554				06	49	51.3	-53	37	20	121.23	-75.71	619	4.40	G6II
2782	30	tau	CMa	07	18	42.4	-24	57	15	116.38	-46.61	3013	4.40	O9Ib
5														
3192	16		Pup	08	09	01.5	-19	14	42	129.96	-38.32	543	4.40	B5IV
5601	110		Vir	15	02	54.0	+02	05	28	222.62	18.55	191	4.40	K0.5IIIbFe-0.5
8368		del	Ind	21	57	55.0	-54	59	34	309.80	-39.46	191	4.40	F0IV
2														
8858	93	psi2	Aqr	23	17	54.1	-09	10	57	346.73	-4.28	326	4.40	B5V
8905	68	ups	Peg	23	25	22.7	+23	24	15	1.98	24.80	181	4.40	F8III
555		psi	Phe	01	53	38.7	-46	18	10	1.32	-52.57	326	4.41	M4III
1876	37	phi1	Ori	05	34	49.2	+09	29	22	83.61	-13.81	1546	4.41	B0III
2047	54	chi1	Ori	05	54	22.9	+20	16	34	88.68	-3.16	28	4.41	G0V
3														
3129				07	58	14.3	-49	14	42	145.70	-67.06	1463	4.41	B1Vp+B3IV:
5														
4375	53	xi	UMa	11	18	10.9	+31	31	45	157.34	24.72	25	4.41	G0V
3														
5526	58		Hya	14	50	17.2	-27	57	37	228.48	-11.10	326	4.41	K4III
6526	76	lam	Her	17	30	44.2	+26	06	38	259.90	49.29	407	4.41	K3.5IIIbBa0.1
6707	94	nu	Her	17	58	30.1	+30	11	22	269.45	53.63	691	4.41	F2II
8863		gam	Scl	23	18	49.4	-32	31	55	337.00	-25.69	181	4.41	K1III
9089	30		Psc	00	01	57.5	-06	00	51	358.05	-5.71	465	4.41	M3III
271	38	eta	And	00	57	12.4	+23	25	04	22.38	15.93	250	4.42	G8IIIb
2														
898		tet2	Eri	02	58	16.2	-40	18	16	23.27	-53.74	163	4.42	A1V
2														
1162	26	pi	Eri	03	46	08.4	-12	06	06	50.96	-31.12	543	4.42	M2III
2159	67	nu	Ori	06	07	34.3	+14	46	06	91.85	-8.66	543	4.42	B3V
2443	8	nu3	CMa	06	37	53.3	-18	14	15	102.00	-41.28	465	4.42	K1III
2697	46	tau	Gem	07	11	08.3	+30	14	43	105.44	7.75	326	4.42	K2III
3														
3225				08	11	21.5	-39	37	07	140.84	-57.40	1672	4.42	K3Ib
4300	60		Leo	11	02	19.7	+20	10	47	158.85	12.92	125	4.42	A1m
5378				14	23	02.1	-39	30	44	226.80	-23.85	465	4.42	B7IIIpv
5425		sig	Lup	14	32	36.8	-50	27	25	233.13	-33.44	989	4.42	B2III
6723	68		Oph	18	01	45.1	+01	18	19	270.48	24.74	271	4.42	A2Vn
2														
8146	66	ups	Cyg	21	17	55.0	+34	53	49	337.26	47.47	572	4.42	B2Vne
3														
8559	55	zet2	Aqr	22	28	50.0	-00	01	12	338.91	8.85	105	4.42	F3V
3														
8819	33	pi	Cep	23	07	53.8	+75	23	16	53.55	65.56	232	4.42	G2III
3														
1325	40	omi2	Eri	04	15	16.3	-07	39	10	60.18	-28.42	16	4.43	K1V
5														
3418	5	sig	Hya	08	38	45.4	+03	20	29	131.21	-14.60	362	4.43	K2III
5478	30	zet	Boo	14	41	08.8	+13	43	42	213.04	27.88	181	4.43	A2III
3														
5868	27	lam	Ser	15	46	26.5	+07	21	11	232.40	26.54	38	4.43	G0V
6118	7	chi	Oph	16	27	01.3	-18	27	23	247.98	3.22	543	4.43	B2IV:pe
224	63	del	Psc	00	48	40.9	+07	35	06	14.15	2.18	326	4.44	K5III
2														
489	106	nu	Psc	01	41	25.8	+05	29	15	25.51	-4.69	407	4.44	K3-IIIbBa0.1

2478	30		Gem	06	43	59.2	+13	13	40	100.86	-9.80	296	4.49	K0IIICN1Ca1
2														
2740				07	12	33.6	-46	45	34	124.74	-68.02	69	4.49	F0IV
3034		omi	Pup	07	48	05.1	-25	56	14	126.06	-46.05	1095	4.49	B0V:pe:
2														
3084				07	52	38.6	-38	51	47	134.02	-58.08	551	4.49	B2.5V
3498				08	46	42.7	-56	46	11	173.30	-68.48	448	4.49	B3Vne
3974	21		LMi	10	07	25.7	+35	14	41	141.01	22.10	93	4.49	A7V
5570	16		Lib	14	57	10.9	-04	20	47	223.15	11.97	93	4.49	F0V
8080	24		Cap	21	07	07.6	-25	00	21	311.84	-8.10	543	4.49	M0.5III
2														
8123	7	del	Equ	21	14	28.8	+10	00	25	324.44	24.73	60	4.49	F5V+G0V
3														
8485				22	13	52.6	+39	42	54	354.93	46.30	226	4.49	K3III
4														
193	22	omi	Cas	00	44	43.5	+48	17	04	32.46	39.31	476	4.50	B5IIIe
2														
1394	71		Tau	04	26	20.7	+15	37	06	67.37	-6.00	163	4.50	F0V
3														
2385	13		Mon	06	32	54.2	+07	19	58	98.48	-15.86	2825	4.50	A0Ib
2948				07	38	49.3	-26	48	07	123.45	-47.41	465	4.50	B6V
3														
3981	15	alf	Sex	10	07	56.2	-00	22	18	154.12	-11.12	296	4.50	A0III
4074				10	20	55.4	-56	02	36	192.80	-58.66	1850	4.50	B3IIIe
3														
4259	54		Leo	10	55	36.7	+24	44	59	155.50	16.50	296	4.50	A1V
2														
5185	4	tau	Boo	13	47	15.7	+17	27	24	197.93	26.51	50	4.50	F6IV
2														
6104	4	psi	Oph	16	24	06.1	-20	02	15	247.55	1.55	181	4.50	K0II-III
7604	59		Sgr	19	56	56.7	-27	10	12	295.92	-6.32	247	4.50	K3IICN1
7685	67	ro	Dra	20	02	48.9	+67	52	25	20.36	78.16	407	4.50	K3III
3														
8213	36		Cap	21	28	43.3	-21	48	26	317.58	-6.57	181	4.50	G5III
8431	14	mu	PsA	22	08	22.9	-32	59	19	322.12	-20.08	130	4.50	A2V
9076		eps	Tuc	23	59	55.0	-65	34	38	318.77	-56.65	407	4.50	B9IV
352	83	tau	Psc	01	11	39.6	+30	05	23	28.32	20.74	163	4.51	K0IIIb
1264		gam	Ret	04	00	53.8	-62	09	34	4.97	-76.54	543	4.51	M4III
1453	50	ups1	Eri	04	33	30.6	-29	46	00	59.49	-50.94	125	4.51	K0IIICN-1
2042		gam	Pic	05	49	49.6	-56	10	00	82.18	-79.54	181	4.51	K1III
3765		eps	Ant	09	29	14.7	-35	57	06	161.00	-47.35	354	4.51	K3IIIa
3799	26		UMa	09	34	49.4	+52	03	05	127.43	35.36	271	4.51	A2V
5704		gam	Cir	15	23	22.6	-59	19	15	245.44	-39.17	543	4.51	B5IV+F8
2														
7920		eta	Ind	20	44	02.2	-51	55	16	298.67	-32.49	79	4.51	A7III-IV-A9v
8579	6		Lac	22	30	29.1	+43	07	25	1.44	47.54	838	4.51	B2IV
8795	55		Peg	23	07	00.2	+09	24	34	351.56	13.88	326	4.51	M1IIIab
8984	18	lam	Psc	23	42	02.7	+01	46	48	356.59	3.42	101	4.51	A7V
8988	105	omg2	Aqr	23	42	43.2	-14	32	42	350.20	-11.62	155	4.51	B9.5V
2														
68	25	sig	And	00	18	19.6	+36	47	07	20.40	31.60	141	4.52	A2V
824	39		Ari	02	47	54.5	+29	14	50	48.37	12.48	181	4.52	K1III
2113				06	00	03.3	-03	04	27	90.02	-26.51	465	4.52	K2IIIv
5359	100	lam	Vir	14	19	06.5	-13	22	16	216.95	0.49	191	4.52	A2m
2														
6485	75	ro	Her	17	23	40.9	+37	08	45	255.37	60.12	407	4.52	B9.5III
3														
7744	23		Vul	20	15	46.0	+27	48	51	315.36	46.05	362	4.52	K3IIICN-1Ba0.3Fe-1
7955				20	45	21.0	+57	34	47	354.59	69.16	90	4.52	F8IV-V
2														
8093	13	nu	Aqr	21	09	35.5	-11	22	18	316.40	4.76	171	4.52	G8III
8773	4	bet	Psc	23	03	52.5	+03	49	12	348.58	9.05	543	4.52	B6Ve
226	35	nu	And	00	49	48.8	+41	04	44	29.15	32.56	390	4.53	B5V+F8V
707		iot	Cas	02	29	03.9	+67	24	09	62.23	48.98	141	4.53	A5pSr
4														
843	17		Per	02	51	30.8	+35	03	35	50.95	17.79	465	4.53	K7III

1995	29	tau	Aur	05	49	10.4	+39	10	52	87.82	15.76	217	4.53	G8III
3														
2937				07	37	22.0	-34	58	06	126.47	-55.37	362	4.53	B8IV
3														
3856				09	39	21.0	-61	19	41	193.68	-66.19	232	4.53	B9IV-V
4527	93		Leo	11	47	59.1	+20	13	08	168.97	17.31	232	4.53	A7V+G5III-IVe
2														
5041				13	24	00.5	-64	32	09	231.27	-50.09	271	4.53	G6II
5842	21	iot	Ser	15	41	33.0	+19	40	13	227.18	38.10	203	4.53	A1V
4														
6783		eps	Tel	18	11	13.7	-45	57	15	272.11	-22.54	465	4.53	K0III
2														
8830	7		And	23	12	32.9	+49	24	23	15.73	48.58	81	4.53	F0V
127		bet2	Tuc	00	31	33.6	-62	57	57	326.58	-57.36	181	4.54	A2V+A7V
4														
575	48		Cas	02	01	57.3	+70	54	26	61.91	53.23	120	4.54	A3IV
4														
1040				03	29	54.8	+58	52	44	66.29	38.49	3228	4.54	A0Iae
1726	16		Aur	05	18	10.6	+33	22	18	81.14	10.25	250	4.54	K3III
2														
2414	5	xi2	CMa	06	35	03.3	-22	57	53	101.66	-46.05	465	4.54	A0V
5035				13	22	37.9	-60	59	18	228.05	-47.25	362	4.54	B3V
3														
5329	17	kap2	Boo	14	13	28.9	+51	47	24	179.92	58.90	155	4.54	A8IV
2														
5544	37	xi	Boo	14	51	23.2	+19	06	04	213.55	33.77	21	4.54	G8V
4														
5589				14	57	34.9	+65	55	56	160.81	72.03	407	4.54	M5III
5652	24	iot1	Lib	15	12	13.2	-19	47	30	231.00	-1.85	407	4.54	A0pSi
4														
5712		phi2	Lup	15	23	09.2	-36	51	30	237.93	-17.68	418	4.54	B4V
5781				15	35	53.1	-44	57	31	242.69	-24.88	465	4.54	B3IVp
2														
6493				17	26	37.8	-05	05	12	261.25	18.10	98	4.54	F3V
6616	3		Sgr	17	47	33.5	-27	49	51	267.24	-4.42	356	4.54	F7II
7650	62		Sgr	20	02	39.4	-27	42	36	297.07	-7.11	465	4.54	M4III
7963	54	lam	Cyg	20	47	24.4	+36	29	27	329.75	51.61	399	4.54	B5Ve
3														
9045	7	ro	Cas	23	54	23.0	+57	29	58	31.05	51.17	4313	4.54	G20e
1652		gam1	Cae	05	04	24.3	-35	29	00	68.41	-57.89	191	4.55	K3III
2														
2527				07	00	04.0	+76	58	39	95.68	53.83	191	4.55	K4III
2864	6		CMi	07	29	47.7	+12	00	24	112.27	-9.71	214	4.55	K1IIIBa0.5
3800	10		LMi	09	34	13.3	+36	23	51	133.82	20.75	181	4.55	G8.5III
5616	43	psi	Boo	15	04	26.7	+26	56	51	213.51	42.17	250	4.55	K2III
1247		del	Ret	03	58	44.7	-61	24	01	7.06	-75.91	543	4.56	M2IIIab
3628		kap	Pyx	09	08	02.8	-25	51	30	149.39	-40.11	543	4.56	K4III
2														
5210	3		Cen	13	51	49.5	-32	59	40	217.93	-20.07	326	4.56	B5III
2														
5395		tau1	Lup	14	26	08.1	-45	13	17	229.69	-28.98	932	4.56	B2IV
2														
6766				18	08	04.9	-28	27	25	271.78	-5.03	362	4.56	G8IIIPCH-3CN-2
2														
8523	2		Lac	22	21	01.5	+46	32	12	2.25	51.30	543	4.56	B6V
2														
8923	70		Peg	23	29	09.2	+12	45	38	358.09	14.76	181	4.56	G7III
9098	2		Cet	00	03	44.3	-17	20	10	353.77	-16.24	232	4.56	B9.5Vn
3642				09	05	38.4	-70	32	19	214.25	-73.03	936	4.57	B2IVe
3771	24		UMa	09	34	28.8	+69	49	49	116.33	51.25	108	4.57	G4III-IV
3787	32	tau2	Hya	09	31	58.9	-01	11	05	145.74	-14.97	465	4.57	A3V
4063				10	19	36.8	-55	01	46	191.22	-58.05	494	4.57	K3II
6081	19	omi	Sco	16	20	38.1	-24	10	10	247.44	-2.65	342	4.57	A5II
7995	31		Vul	20	52	07.6	+27	05	49	325.61	42.59	217	4.57	G7IIICN-1
8225	2		Peg	21	29	56.8	+23	38	20	334.13	36.14	465	4.57	M1III
2														
8317	11		Cep	21	41	55.2	+71	18	42	38.53	70.28	181	4.57	K0III

9016		del	Scl	23	48	55.5	-28	07	49	345.57	-24.56	148	4.57	A0V
3														
1106				03	37	05.6	-40	16	29	34.93	-57.09	232	4.58	K1III
3612				09	06	31.7	+38	27	08	127.54	20.89	1223	4.58	G7Ib-II
3912				09	51	40.7	-46	32	52	175.45	-54.23	1687	4.58	G5Ib
4200				10	43	32.1	-60	33	59	203.18	-59.66	188	4.58	K4III
6117	24	omg	Her	16	25	24.9	+14	02	00	241.58	35.17	250	4.58	B9pCr
4														
6636	31	psi1	Dra	17	41	56.2	+72	08	56	103.80	84.19	72	4.58	F5IV-V
4														
7592	13		Vul	19	53	27.6	+24	04	47	307.04	43.94	362	4.58	B9.5III
2														
8541	4		Lac	22	24	30.9	+49	28	35	5.87	53.32	4196	4.58	B9Iab
180		mu	Phe	00	41	19.5	-46	05	06	345.82	-45.27	250	4.59	G8III
1143				03	42	50.0	-37	18	49	38.91	-54.84	181	4.59	K2.5III
2														
1811	30	psi2	Ori	05	26	50.2	+03	05	44	81.18	-20.09	1026	4.59	B2IV
3														
1892	42		Ori	05	35	23.1	-04	50	18	83.04	-28.13	1162	4.59	B1V
2														
1934	47	omg	Ori	05	39	11.1	+04	07	17	84.50	-19.22	654	4.59	B3IIIe
2034	136		Tau	05	53	19.6	+27	36	44	88.52	4.18	465	4.59	A0V
3														
2993	1		Pup	07	43	32.3	-28	24	40	125.58	-48.70	1783	4.59	K3Ib
2														
3970	40	ups2	Hya	10	05	07.4	-13	03	53	158.32	-23.18	296	4.59	B9III-IV
5904	2		Sco	15	53	36.6	-25	19	38	241.62	-4.95	465	4.59	B2.5Vn
2														
6028	13		Sco	16	12	18.1	-27	55	35	246.25	-6.68	543	4.59	B2V
6537	1	sig	Ara	17	35	39.4	-46	30	20	265.45	-23.16	407	4.59	A0V
7242		del	CrA	19	08	20.8	-40	29	48	283.58	-17.86	181	4.59	K1III
7371	58	pi	Dra	19	20	40.0	+65	42	52	3.38	81.83	232	4.59	A2IIIs
8558	55	zet1	Aqr	22	28	49.6	-00	01	13	338.91	8.85	105	4.59	F6IV
3														
2356	11	bet	Mon	06	28	48.9	-07	01	59	98.28	-30.27	459	4.60	B3Ve
4														
2766				07	16	34.9	-27	52	52	116.55	-49.57	465	4.60	M3III