

Photometric Data for Stars in the Equatorial Zone

(Third List)

by

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This list of 275 stars is based on observations made with the 18-inch aluminised reflector. It is a continuation of the lists published in MNASSA, 21, 20 and 61, 1962, and is presented in exactly the same form. The total number of stars in the three lists is 525. Stars used as standards are not included.

The following stars, marked with a V in the "Notes" column, are suspected of variability. HR 2747, in the First List, has since been found to be variable.

HR 284	observed range in V is	0.10	with	8	observations
1469		0.08		8	
2107	(V	0.26		9	
	(B	0.38		9	
2747	V	0.05		8	
4807		0.06		8	
4902		0.05		7	
6250		0.04		9	
6712		0.07		8	
7772		0.06		8	
8318		0.12		9	
8991		0.05		7	
9030		0.08		8	
9047		0.18		8	

HR	HD	α (1950)		δ		Spectrum		V	B - V	U - B	Notes
				HD	Other						
46	1014	00 ^h 11 ^m .9	-08°04'	Ma	gM4	5.13	+1.62	+1.81	B		
50	1061	12.4	+08 32	F0,A9	sgA9,dA9	5.78	+0.32	+0.01	SB,D		
59	1227	14.0	+07 58	G5	gG6	6.10	+0.92	+0.66			
67	1367	15.2	+01 25	G5	gG6	6.16	+0.94	+0.73			
80	1635	18.0	+07 55	K0	gK3	5.36	+1.34	+1.55			
97	2114	22.8	+01 40	G5	gG5	5.76	+0.86	+0.57			
101	2273	24.1	-00 20	G5	gG4	6.18	+0.91	+0.55			
107	2454	25.7	+09 55	F2	dF0	6.03	+0.44	-0.08			
117	2637	27.5	-04 14	K5	gM0	5.71	+1.56	+1.90	B		
132	2913	29.8	+06 41	A0	A0n	5.66	0.00	-0.17	D		
142	3196	32.7	-03 52	G0	dF7	5.20	+0.58	+0.07	SB		
201	4301	42.9	-04 54	K0	gM0	6.14	+1.62	+2.00			
243	4928	48.7	+03 07	G5	gG7	6.36	+1.07	+0.89			
284	5820	57.2	+06 13	Ma	gM2	6.1	+1.67	+1.91	V		
296	6203	01 00.5	-05 06	G5	gK1	5.39	+1.12	+1.05			

HR	HD	α (1950) δ		Spectrum		V	B - V	U - B	Notes
				HD	Other				
301	6288	01 ^h 01 ^m .2	+01°06'	F0	dA8n	6.03	+0.28	+0.10	Bi
307	6386	02.3	+05 23	K2	gK5	5.99	+1.51	+1.85	
353	7147	09.2	-02 31	K0	gK4	5.90	+1.40	+1.70	
361/2	7344/5	11.1	+07 19	A5,F8	A5, dF6	4.85	+0.33	+0.06	SB, D
366	7439	11.9	-08 11	F0	dF2	5.14	+0.46	-0.07	
385	8036	17.2	-00 46	F5	gG3	5.86	+0.64	+0.31	B
387	8120	18.0	-03 31	G5		6.22	+1.01	+0.85	
393	8335	20.0	-00 43	K0	gK0	6.48	+1.08	+1.02	
406	8599	22.3	-03 07	G5		6.14	+0.96	+0.72	
416	8779	23.9	-00 39	K0	gK0	6.40	+1.24	+1.27	
434	9138	27.6	+05 53	K2	gK4	4.81	+1.37	+1.60	
500	10550	40.2	-03 56	G5	gK3	4.98	+1.38	+1.58	
507	10658	41.4	-05 01	K0		6.18	+1.54	+1.89	
510	10761	42.7	+08 54	K0	gG6	4.26	+0.96	+0.74	
527	11037	45.8	+03 26	G5	gG6	5.90	+0.97	+0.75	
635	13421	02 08.7	+08 20	G0	dF8	5.62	+0.56	+0.12	
639	13468	09.1	-02 04	K0	gG9	5.92	+0.97	+0.71	
691	14690	19.7	-01 07	A5	A5	5.41	+0.32	+0.07	
704	15004	22.4	-03 00	A0		6.32	0.00	-0.14	
725	15453	26.9	+09 21	K0	K0	6.06	+1.02	+0.86	B
739	15779	29.6	-01 15	K0	gG3	5.34	+1.01	+0.85	
753	16160	33.3	+06 39	K0	dK4	5.79	+0.98	+0.88	
754	16161	33.2	+05 23	G5	gG5	4.86	+0.88	+0.52	B
765	16247	33.9	+07 31	K0	gK0	5.80	+1.04	+0.87	
771	16400	35.2	-03 37	K0	gG5	5.64	+1.02	+0.86	
783	16647	37.6	+05 54	F2	dF2	6.24	+0.41	-0.05	
790	16765	38.7	-00 54	F5	dF6	5.70	+0.52	-0.04	B
795	16824	39.3	-03 26	K0	gG9	6.04	+1.16	+1.14	
816	17163	42.7	+04 30	F0	gF0n	6.02	+0.32	+0.06	
896	18604	57.0	+08 43	B5	B5	4.70	-0.12	-0.44	
899	18633	57.2	-02 40	B9	B9n	5.55	-0.08	-0.18	
925	19107	03 01.8	-07 48	A3	A3	5.25	+0.20	+0.07	
962	19994	10.2	-01 23	F8	dF8	5.05	+0.57	+0.11	B
1038	21364	24.5	+09 34	B8	B8	3.72	-0.09	-0.32	
1060	21665	27.2	-06 58	G5		5.98	+1.02	+0.88	
1089	22211	32.2	+06 15	G0	F5n	6.48	+0.63	+0.15	
1108	22675	36.0	-07 33	G5	gG5	5.84	+0.98	+0.77	
1115	22796	37.2	+02 54	G5	gG6	5.56	+0.94	+0.67	
1121	22920	38.2	-05 22	B8	B8	5.52	-0.16	-0.56	
1146	23363	42.0	-01 19	B8	B9n	5.24	-0.10	-0.38	
1159	23526	43.5	+06 39	K0	gK1	5.90	+0.99	+0.76	
1199	24263	49.3	+06 23	B9	B9	5.66	+0.06	-0.43	B
1232	25069	56.4	-05 37	K0	dG9	5.82	+1.00	+0.86	
1307	26676	04 10.8	+10 05	B8		6.22	+0.05	-0.34	
1309	26690	10.9	+07 35	F0	dF0	5.27	+0.37	-0.01	B
1469	29335	34.6	+00 54	B5	B5	5.3	-0.13	-0.43	V
1553	30870	49.0	+09 54	B5	B5n	6.10	+0.08	-0.45	
1619	32273	59.4	+01 32	B8, A		6.23	-0.04	-0.39	B
1672	33254	05 06.6	+09 46	A2	sgA9	5.42	+0.25	+0.14	
1761	34959	18.7	+03 58	B3	B3	6.51	-0.11	-0.51	
1907	37160	34.2	+09 16	K0	sgG6	4.08	+0.95	+0.60	
2107	40535	56.6	-09 23	F0	cF2	6.1	+0.3	+0.07	V, SB

HR	HD	(1950)		Spectrum		V	B - V	U - B	Notes
		α	δ	HD	Other				
2324	45320	06 ^h 24. ^m 1	-01° 29'	A0		5.86	+0.08	+0.08	
2521	49643	46.8	-02 13	A0		5.74	-0.10	+0.46	
2534	49976	48.3	-07 59	A0p		6.30	0.00	+0.02	
2624	52312	58.0	-08 20	A0		5.95	-0.08	-0.33	
2654	53205	07 01.7	+01 34	B9		6.56	+0.01	-0.07	
2676	53929	04.4	+04 59	B8		6.10	-0.14	-0.46	
2707	55057	08.8	-00 13	F0	dA8n	5.43	+0.30	+0.10	
2731	55775	11.7	-03 49	K5	gK5	5.74	+1.58	+1.88	D
2801	57608	19.5	+00 16	B8		5.98	-0.07	-0.29	
2806	57682	19.6	-08 53	B5	09	6.42	-0.19	-1.03	
2966	61887	39.0	+03 45	A0	A0n	5.94	-0.04	-0.08	
2982	62264	40.5	+00 19	G5	G6	6.18	+1.02	+0.75	B
2989	62437	41.5	+02 32	F0	F0	6.46	+0.21	+0.12	
3047	63752	47.8	-09 03	K2	gK3	5.60	+1.45	+1.56	
3072	64235	50.3	-05 18	F2	gF5	5.74	+0.41	-0.02	
3097	65066	54.6	+08 47	G5	gG6	6.04	+1.00	+0.87	
3172	66950	08 03.3	-00 26	K0		6.40	+1.05	+1.02	
3252	69478	14.8	+09 01	K0	G6	6.28	+0.98	+0.76	
3278	70340	18.8	-01 27	A0	A0	6.49	+0.02	-0.02	B
3288	70652	20.4	-07 23	Ma		5.96	+1.67	+1.85	
3321	71297	24.0	-03 49	A5	dF0	5.58	+0.22	+0.07	
3383	72660	31.5	-01 59	A0		5.80	0.00	0.00	
3395/6	72945/6	33.2	+06 48	F5	dF6, dG5	5.62	+0.56	+0.07	SB, D
3411	73281	35.0	-04 46	K0		6.18	+1.04	+0.90	
3458	74393	41.4	+04 31	B8		6.36	-0.06	-0.12	
3486	74988	44.7	-01 43	A0	A0n	5.28	+0.04	+0.08	
3493	75140	45.6	-06 22	K0		6.08	+1.28	+1.42	
3500	75333	46.8	-03 15	B9	B9	5.30	-0.10	-0.34	
3552/3	76369/70	53.0	-07 47	A3	A3	6.07	+0.22	+0.11	B
3573	76757	55.6	+01 44	A0	A0	6.58	+0.06	+0.08	B
3630	78556	09 06.3	-08 23	B8	B8	5.60	-0.06	-0.18	B
3738	81420	22.9	-04 54	K5	gK5	5.57	+1.52	+1.82	
3754	81858	25.8	+09 17	G0	dF8	5.40	+0.60	+0.13	B
3915	85709	51.1	+06 12	Ma	gM2	5.94	+1.66	+1.93	
3973	87682	10 04.2	+05 51	G5	gG6	6.20	+0.94	+0.72	
3996	88333	08.4	-08 10	K0	gK2	5.64	+1.30	+1.42	
4059	89490	17.0	-04 51	K0		6.36	+0.90	+0.60	
4064	89688	18.5	+02 33	B3	B3	6.64	-0.08	-0.67	
4146	91612	32.2	+07 13	K0	gG6	5.06	+0.94	+0.65	
4182	92588	38.9	-01 29	K0	sgK1	6.25	+0.88	+0.59	
4207	93244	43.5	+06 38	K0	gK1	6.36	+1.12	+1.12	
4229	93742	46.8	-03 46	A2	A2	6.60	+0.22	+0.06	B
4253	94402	51.2	-01 52	K0	gG6	5.44	+0.96	+0.78	
4265	94672	53.1	+01 00	F2	dF3	5.90	+0.43	-0.04	
4310	96097	11 02.4	+07 36	F0	dF3	4.62	+0.34	+0.05	B
4358	97605	11.4	+08 20	K0	gK3	5.78	+1.12	+1.14	
4419	99651	25.3	-01 25	K0	gK2	6.24	+1.04	+0.74	
4510	101933	41.4	-06 24	K0	gG8	6.06	+0.96	+0.72	
4515	102124	42.7	+08 32	A3	A3n	4.84	+0.18	+0.08	
4517	102212	43.3	+06 49	Ma	gM1	4.02	+1.52	+1.82	
4555	103313	51.3	+00 50	A5	A5	6.29	+0.21	+0.14	
4585	104181	57.4	+03 56	A0	A0	5.36	0.00	0.00	

HR	HD	α (1950) δ		Spectrum		V	B - V	U - B	Notes
				HD	Other				
4589	104321	11 ^h 58 ^m .3	+06° 54'	A3	A3	4.64	+0.12	+0.12	
4598	104625	12 00.3	-07 24	K5		6.21	+1.49	+1.83	
4608	104979	02.7	+09 01	G5	sgG5	4.12	+0.97	+0.63	
4613	105089	03.4	-02 51	K0	gG8	6.36	+1.00	+0.80	
4626	105639	07.1	+02 11	K0	gK3	5.94	+1.12	+1.14	
4746	108506	25.3	-04 20	F2	dF0n	6.21	+0.44	+0.06	
4772	109014	29.1	-04 47	K0	gG9	6.18	+1.04	+0.87	
4807	109896	35.8	+02 08	Ma	gM3	(5.70)	+1.60	+1.82	V
4878	111765	49.1	+03 20	K0	gK4	6.01	+1.29	+1.44	
4891	111998	50.6	-03 17	F5	dF6	6.10	+0.50	+0.02	
4902	112142	51.7	-09 16	Mb	gM3	(4.78)	+1.60	+1.49	V
5011	115383	13 14.3	+09 41	G0	dF8	5.20	+0.60	+0.10	
5014	115488	44.9	-00 25	F0		6.36	+0.27	+0.02	
5021	115709	16.3	+03 57	A0	A0	6.61	+0.06	+0.02	
5037	116160	19.1	+02 21	A0	A0	5.68	+0.06	+0.02	
5047	116365	20.7	-04 40	K0	gK3	5.88	+1.43	+1.66	
5059	116831	23.6	-00 56	A3		5.96	+0.20	+0.11	
5078	117267	26.7	-01 06	K0	gK0	6.42	+1.11	+1.12	
5086	117404	27.5	+07 26	K5	K5	6.16	+1.47	+1.80	
5087	117405	27.4	+06 16	K0	G6	6.50	+0.96	+0.60	
5100	117818	30.3	-09 54	G5	gG5	5.20	+0.96	+0.61	
5232	121299	52.1	-01 15	K0	gK2	5.14	+1.08	+1.09	
5233	121325	52.3	-07 49	F8	dF7	6.16	+0.54	-0.01	B
5290	123255	14 04.1	-09 05	F5	dA8n	5.45	+0.36	+0.04	
5307	124115	09.0	+01 36	F5	dF6	6.42	+0.48	+0.02	
5322	124553	11.7	-05 43	G0	dF8	6.35	+0.60	+0.15	
5368	125489	17.1	+00 37	A3	A3n	6.18	+0.20	+0.07	
5384	126053	20.7	+01 28	G0	dG3	6.26	+0.64	+0.09	
5393	126251	22.0	-11 27	F2	dF1	6.48	+0.43	+0.02	B
5535	130952	48.4	-02 06	K0	gG6	4.92	+0.99	+0.76	
5631	134047	15 05.2	+05 41	G5	gG6	6.15	+0.94	+0.71	
5679	135559	13.3	+00 33	A3	A1n	5.62	+0.18	+0.07	
5779	138763	31.7	-05 32	G0		6.50	+0.58	+0.03	
5780	138764	31.7	-09 01	B5	B7p	5.17	-0.09	-0.44	
5861	140815	43.1	+01 03	K0	K0	6.32	+1.19	+1.20	
5863	140873	43.5	-01 39	B8	B5n	5.38	-0.03	-0.40	SB
5919	142500	52.3	+08 44	A2	A2n	6.28	+0.18	+0.07	
5959	143459	58.1	-08 16	A0	A1	5.54	+0.05	-0.05	
6014	145148	16 06.7	+06 31	G5	dK2	5.94	+0.98	+0.88	
6032	145589	09.1	+09 50	A3	A3	6.52	+0.25	+0.08	
6060	146233	12.9	-08 14	G0	dG1	5.48	+0.65	+0.18	
6111	147869	21.7	+07 04	A0	A1n	5.84	-0.01	+0.01	SB
6149	148857	28.4	+02 06	A0	A1n	3.81	+0.02	+0.02	B
6171	149661	33.7	-02 13	K0	dK0	5.75	+0.82	+0.56	
6228	151217	43.4	+08 40	K2	gM0	5.14	+1.53	+1.94	
6250	151956	47.9	+07 20	A0	A0	(5.48)	+0.10	+0.10	V
6299	153210	55.3	+09 27	K0	gK2	3.20	+1.14	+1.21	
6329	153914	59.6	+08 31	A0	A0	6.32	+0.09	+0.05	B
6358	154610	17 03.8	+09 48	K5	K5	6.36	+1.45	+1.73	
6390	155500	09.3	+07 57	K0	K0	6.32	+1.04	+0.87	
6434	156697	16.4	+06 08	F0	F0n	6.50	+0.39	+0.12	
6439	156826	17.3	-05 52	G5		6.31	+0.85	+0.47	

HR	HD	α (1950)		δ		Spectrum		V	B - V	U - B	Notes
				HD	Other						
6465	157347	17 ^h 20 ^m .2	-02°20'	G5		6.28	+0.68	+0.23			
6476	157617	21.6	+08 54	K2	gK1	5.76	+1.25	+1.27			
6489	157856	23.4	-01 37	F5	F5	6.43	+0.46	-0.04			
6504	158170	25.3	-08 10	F8		6.36	+0.58	+0.15			
6512	158463	27.1	-05 53	G5	G5	6.36	+0.93	+0.67			D
6516	158614	27.8	-01 01	G5	dG6	5.30	+0.72	+0.30			B
6548	159480	32.2	+09 37	A2	A2	5.48	+0.02	+0.01			
6590	160781	39.1	+06 20	K0	gG7	5.94	+1.26	+1.18			
6633	161941	45.8	+03 49	A0	A0	6.21	+0.16	-0.04			
6670	162917	50.8	+06 07	F5	dF4	5.76	+0.42	-0.03			
6690	163641	54.5	+06 30	A0	A0	6.28	0.00	-0.25			
6712	164284	57.8	+04 22	B3	B5ne	(4.68)	-0.04	-0.84			V
6719	164432	58.4	+06 16	B3	B3	6.32	-0.08	-0.75			
6747	165174	18 02.1	+01 55	B3	B2n	6.12	0.00	-0.92			
6770	165760	04.9	+08 44	G5	gG8	4.64	+0.95	+0.76			
6771	165777	05.0	+09 33	A3	A5	3.72	+0.12	+0.09			
6795	166233	07.1	+03 59	F2	dF0n	5.72	+0.38	+0.01			B
6813	166960	10.5	-04 02	A2		6.58	+0.28	+0.11			
6857	168387	16.7	+07 14	K0	gK2	5.38	+1.07	+1.07			D
6892	169370	22.0	-07 06	K0		6.30	+1.16	+1.09			
6902	169689	23.2	+08 00	GO+A3	gG2	5.64	+0.92	+0.45			
6925	170137	25.3	+03 43	K2	gK3	6.06	+1.62	+1.83			
6928	170200	25.5	+06 10	B8		5.71	-0.03	-0.36			
6957	170920	29.4	-01 02	A2	A2	5.93	+0.16	+0.15			
6958	170973	29.6	+03 37	B9		6.42	-0.04	-0.25			
6967	171247	31.0	+08 14	B8		6.41	-0.03	-0.34			
6985	171802	34.1	+09 05	F2	dF2	5.38	+0.38	-0.04			
6987	171834	34.2	+06 38	F2	dF1	5.44	+0.38	-0.06			D
7010	172424	37.4	+07 19	K0	G8	6.27	+0.96	+0.70			D
7034	173093	41.2	-06 52	F5		6.30	+0.48	0.00			
7059	173654	43.9	-01 01	A0	dA6	5.68	+0.16	+0.08			B
7120	175190	52.1	-22 44	K0	sgK5	5.00	+1.34	+1.52			
7186	176593	58.7	-15 21	G5	gG6	6.31	+1.00	+0.79			
7325	181122	19 16.5	+09 32	K0	K0	6.31	+1.05	+0.89			
7336	181440	18.0	-00 59	B9	B9	5.48	-0.04	-0.22			
7349	181907	19.8	-00 21	K0	gG8	5.82	+1.09	+0.98			
7354	182101	20.4	+09 49	F8	F8	6.34	+0.45	-0.05			
7377	182640	23.0	+03 01	F0	dA5n	3.38	+0.32	+0.02			
7404	183387	26.7	+00 09	K2	K2	6.24	+1.32	+1.38			
7519	186689	43.2	+07 29	A2	A2	5.90	+0.18	+0.07			
7562	187753	48.9	+09 30	A0	A0	6.25	+0.10	+0.08			
7598	188385	52.2	+07 00	A0	A0n	6.14	+0.03	+0.04			D
7636	189322	56.8	+01 14	G5	G6	6.16	+1.13	+0.90			
7667	190299	20 01.8	-00 51	K0	gK4	5.67	+1.30	+1.35			
7669	190327	01.7	+07 08	K0	gK0	5.51	+1.06	+0.87			
7681	190664	03.6	-04 13	K0		6.46	+1.16	+1.00			
7693	191104	05.4	+09 15	F5	dF2	6.42	+0.46	-0.04			
7772	193429	17.8	-06 31	K5		(6.62)	+1.55	+1.83			V
7820	194937	25.7	+08 16	K0	K0	6.24	+1.08	+0.93			
7857	195922	31.5	+09 53	A0	A0	6.55	+0.08	+0.04			
7896	196755	36.7	+09 55	G5	dG2	5.08	+0.70	+0.23			D
7974	198391	47.4	+07 41	A0	A2	6.32	+0.02	-0.02			SB

HR	HD	α (1950) δ		Spectrum		V	B - V	U - B	Notes
				HD	Other				
7982	198571	20 ^h 48 ^m .8	-05°49'	F2	dF3	5.98	+0.46	+0.01	B
7985	198667	49.5	-05 42	B8	B9	5.54	-0.09	-0.26	
8014	199280	53.7	-03 45	B9		6.56	-0.10	-0.28	
8038	199942	57.6	+07 19	A5	A3n	5.98	+0.27	+0.07	
8056	200375	21 00.5	+01 20	F5	F5	6.20	+0.48	0.00	
8068	200663	02.2	+02 04	G5	G5	6.32	+0.97	+0.62	
8090	201298	06.0	+06 47	K5	K6	6.14	+1.66	+1.97	
8097	201601	07.9	+09 56	F0p	cF1	4.71	+0.25	+0.11	
8098	201616	08.1	+09 51	A2	A2	6.06	+0.02	+0.04	D
8123	202275	12.0	+09 48	F5	dF5	4.48	+0.51	-0.01	B
8141	202753	15.6	-04 44	B8		5.81	-0.14	-0.50	
8160	203222	18.5	-04 46	K0	gG7	5.86	+0.92	+0.64	
8251	205423	32.7	-04 12	K0	gG9	5.76	+1.11	+1.05	
8265	205811	35.2	+06 24	A0	A0	6.20	+0.02	+0.01	
8289	206487	39.8	+05 27	Ma	gM2	5.28	+1.64	+1.94	
8308	206778	41.7	+09 39	K0	cK0	2.38	+1.51	+1.64	
8318	207005	43.6	-09 30	Ma	gM3	(5.98)	+1.66	+1.86	V
8359	208110	51.5	+06 38	G0	G0	6.14	+0.80	+0.26	
8360	208111	51.6	-04 31	K0	gK2	5.70	+1.18	+1.27	
8376	208703	55.6	-05 40	F2	dF2	6.32	+0.38	-0.05	
8385	209008	57.6	+06 29	B3	B5	5.99	-0.13	-0.56	
8491	211287	22 13.5	+08 18	A0	A0	6.20	+0.02	-0.04	
8513	211924	17.9	+05 32	B5	B6	5.36	-0.02	-0.47	B
8514	211976	18.4	+07 56	F5	dF4	6.16	+0.45	-0.05	
8562	213119	26.6	+08 52	K2	gK5	5.57	+1.55	+1.90	
8566	213235	27.4	+04 11	F5	dF2	5.47	+0.39	+0.07	B
8681	216048	47.0	+10 13	F0	F0n	6.53	+0.30	+0.02	
8697	216385	49.9	+09 34	F5	dF5	5.15	+0.48	-0.03	
8735	217131	55.8	-01 41	F2	F2	6.36	+0.36	-0.01	
8737	217166	56.0	+09 05	G0	dG1	6.42	+0.64	+0.15	B
8738	217186	56.2	+07 04	A0	A0	6.32	+0.06	+0.01	
8751	217459	58.2	+02 45	K0	gK4	5.82	+1.34	+1.57	
8776	217926	23 01.5	+06 21	F2	F2	6.40	+0.40	+0.01	
8785	218103	02.7	+01 02	K0	G8	6.38	+0.94	+0.72	
8821	218700	07.5	+09 33	B8	B8n	5.38	-0.08	-0.28	
8826	218918	09.2	+08 27	A3	B9n	5.15	+0.13	+0.07	
8931	221356	28.9	-04 22	F8	dG0	6.48	+0.54	-0.03	
8970	222377	37.4	+09 24	A2	A2	5.96	+0.21	+0.11	
8983	222602	39.4	+06 58	A0	A0	5.88	+0.10	+0.07	
8991	222764	40.8	+10 03	Ma	gM2	(5.05)	+1.68	+2.03	V
9004	223075	43.8	+03 13	Na	N	4.90	+2.50:	+3.3	
9015	223346	46.3	+01 56	F2	F2	6.45	+0.45	-0.04	
9022	223438	46.9	+00 48	A2	A3	5.76	+0.16	+0.10	
9030	223637	48.8	+09 02	Ma	gM3	(5.78)	+1.66	+1.73	V
9033	223719	49.4	+02 39	K2	gK5	5.53	+1.53	+1.85	
9041	223825	50.4	-03 26	K0	gG9	5.92	+1.07	+0.97	
9047	224062	52.2	-00 10	Mb	gM5	5.6	+1.59	(+1.50)	V
9048	224103	52.6	+06 48	B9	A1	6.20	-0.07	-0.18	
9072	224617	56.7	+06 35	F5	dF3	4.01	+0.42	+0.01	
9092	224995	59.8	+08 41	A5	A4n	6.31	+0.18	+0.12	
9093	225003	59.9	+08 12	F0	dF0	5.68	+0.32	-0.02	