ᲐᲑᲐᲡᲗᲣᲛᲐᲜᲘᲡ ᲐᲡᲢᲠᲝᲤᲘᲖᲘᲙᲣᲠᲘ ᲝᲑᲡᲔᲠᲕᲐᲢᲝᲠᲘᲘᲡ ᲑᲣᲚᲔᲢᲔᲜᲘ, № 44, 1973
БЮЛЛЕТЕНЬ АБАСТУМАНСКОЙ АСТРОФИЗИЧЕСКОЙ ОБСЕРВАТОРИЙ № 44, 1973

КАТАЛОГ ЗВЕЗДНЫХ ВЕЛИЧИН, ПОКАЗАТЕЛЕЙ ЦВЕТА, СПЕКТРАЛЬНЫХ КЛАССОВ И КЛАССОВ СВЕТИМОСТИ ЗВЕЗД В СОЗВЕЗДИИ ОРИОНА

М.С.КАЗАНАСМАС *)

Участок, для звезд которого определены звездные величины в системе B, V , спектральные классы и классы светимости, расположен в области с координатами:

$$\alpha_{1900} = 5^h00^m - 5^h20^m,$$
$$\delta_{1900} = +4^\circ - -6^\circ.$$

Участок занимает площадь 37,56 кв.градуса.

Фотометрический материал получен в 1967-1970 гг. на анаберрационной камере Шмидта Абастуманской астрофизической обсерватории.

Для определения величин V использовался светофильтр GG_{13} в комбинации с фотопленкой А-500, для величин V - светофильтр GG_{11} с фотопленкой А-600.

Стандартом служили звезды скопления Плеяд [1] , для которых известны фотоэлектрические звездные величины в системе UBV.

Как показано в [2] , наша система очень близка к системе Джонсона и Моргана, и потому соответствующие редукции производить не пришлось.

Средние квадратические ошибки определения звездных величин в лучах B и V составляют соответственно: $\pm 0^m.040$, $\pm 0^m.035$.

Наш участок содержит некоторое число звезд, для которых звездные величины были ранее определены [3] . Часть звезд по нашей просьбе нам любезно определил фотоэлектрически в Абастуманской обсерватории О.П.Абуладзе. Сравнение наших определений с фотоэлектрическими показано на рис. 1,2; согласие весьма удовлетворительное. Кроме того, наш участок перекрывается с участками, исследованными В.Страйжисом [4] и Р.Барткусом [5] . Сравнение наших определений звездных величин B,V с определениями В.Страйжиса и Р.Барткуса показано на рис. 3.

Материал для спектральной классификации получен на 70-см мениск-овом телескопе с применением 8°-ой (дисперсия 166 Å/мм около H_γ) и 4°-ой (дисперсия 666 Å/мм около H_γ) предобъективных призм.

Спектральные классы звезд определялись до $12^m.5$ с точностью до 1 подкласса. Классы светимости оценивались до $12^m.0$ с точностью до 1 класса по критериям, разработанным в Абастумани [6,7] .

---

*) Астрономическая обсерватория Одесского гос.университета.

Для 4^0-ой призмы точность определения спектральных классов составляет 2-3 подкласса; что касается классов светимости, то в интервале B3-G0 можно выявить лишь сверхгиганты; для звезд спектральных классов G и K выделяются I, II и V классы светимости.

Порядковые номера в каталоге соответствуют номерам звезд на прилагаемых трех картах, относящихся к отдельным зонам по склонению.

Координатная сетка на картах относится к 1900 г.

Каталог содержит 4195 звезд.

Для спектральных наблюдений мы использовали негативы №№ :

355	7451-3	8174-5	8253-4	9102-7	9124
358	7455	8184-5	8259-61	9110-3	9257-8
372	7457	8230-1	8479-81	9118	9265-6
377	8166	8241	9094	9120-2	9268 ,

для фотометрических же - №№ : 12747-50, 12752-5, 14115-8, 15748-52, 15754-6, 15829-43 и др.

Апрель, 1972.

ორიონის ვარსკვლავებში ვარსკვლავე ვარსკვლავების
ფოტოგრაფიული, ფერის ვარსკვლავებად, სპექტრული და ნათების კლასების

კატალოგი

ბ. კაზანასკასი

THE CATALOGUE OF MAGNITUDES, COLOR INDICES,
SPECTRAL AND LUMINOSITY CLASSES OF STARS IN ORION

M.S.KAZANASMAS

Цитированная литература

1. Johnson H.L., Mitchell R.I. Aph.J.1958,128,N.1,31.
2. Мосидзе Л.Н., Трехцветная (U,B,V) фотографическая фотометрия одиннадцати звезд типа RW Возничего. (Кандидатская дисертация. 1968, 28. Библ. Бюраканской астрофиз. обс.).
3. Publ. of the United States Naval obs. 1968, 21.
4. Страйжис В.Л. Bull. Vilnius obs. 1963, N.7.
5. Барткус Р. Bull. Vilnius obs. 1964, N.13.
6. Харадзе Е.К., Бартая Р.А. Бюлл. Абастуман. астрофиз. обс. 1960, № 25, 139.
7. Шиукашвили М.А. Бюлл. Абастуман. астрофиз. обс. 1969, № 38, 151.

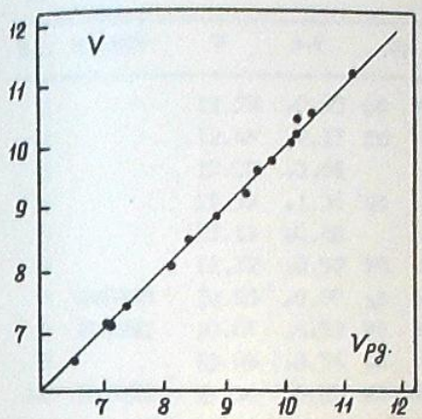


Рис. 1

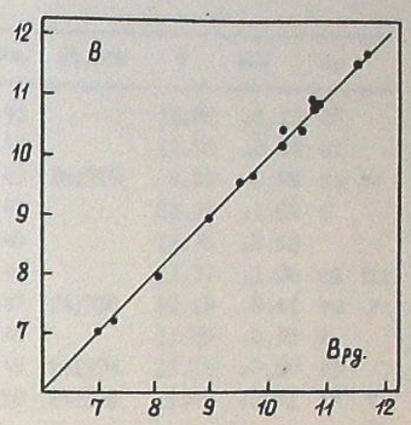


Рис. 2

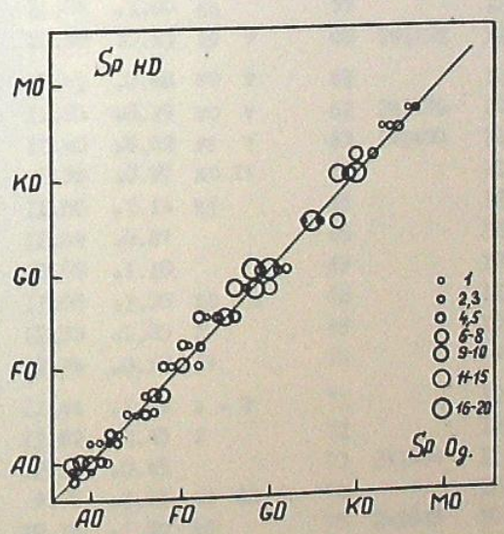


Рис. 3

М.С. Казанасмас „Каталог..."
Бюлл. Абаст. обс. 44

$+3^{0} - +4^{0}$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
I		II.99	+0.93	G0 V	4I		I2.02	+I.I3	F8
2		I2.44	+I.I7	K0	42		I2.03	+0.84	G7
3		I3.02	+0.66		43	24I379	9.55	+0.98	K0 IV
4		I2.39	+I.36	G5	44		I2.27	+I.04	G
5		I3.I3	+0.48		45		I2.36	+0.52	
6		I2.32	+0.52	F8	46		II.37	+I.06	G5 III
7	240968	I0.58	+0.60	A8 V	47	24I338	I0.I9	+0.4I	F0 V
8	24099I	I0.87	+0.59	F8 V	48		II.85	+0.92	F
9		I2.03	+0.54	F8	49	24I294	II.74	+0.80	F5
I0	24I056	II.36	+0.65	F7 V	50	24I296	II.65	+0.5I	F8 V
II		II.68	+0.83	G5	5I		I2.88	+I.23	
I2		I3.33	+I.I6		52		I2.26	+I.76	K5
I3	33236	6.55	+0.06	B8 V	53	24I205	I0.I3	+I.72	M0
I4		I2.56	+0.77	F8	54	24I352	I0.68	+I.25	K0 III
I5	24I055	9.56	+0.7I	G1 IV	55		I2.94	+I.I8	
I6		I2.88	+I.20		56		II.77	+0.67	G0
I7		I2.59	+I.28	G	57	24I434	I0.66	+I.67	M0
I8		II.60	+I.I7	K5	58		I2.2I	+0.4I	A5
I9		II.87	+I.00	K0	59		I2.60	+0.39	A2
20	24II36	I0.68	+0.63	A9 V	60	24I49I	II.60	+0.5I	F6 V
2I	24II60	I0.4I	+0.48	F0 V	6I		I2.98	+I.2I	
22	24I208	II.35	+0.29	F0 V	62	24I475	I0.45	+0.96	G4 III
23		II.49	+0.62	F5 V	63	24I490	I0.66	+0.69	F8
24	24II83	9.35	+0.97	K0 IV	64		II.72	+0.97	F8
25		II.80	+I.I4	K5	65		I2.45	+0.66	F2
26		I2.84	+0.87		66		I2.82	+0.58	F
27		I3.09	+I.I0		67		I0.20	+I.29	K0 III
28	24I270	II.05	+I.30	K0 III	68		II.57	+0.6I	F0
29		I2.59	+I.03	G	69		I0.37	+0.39	B8 V
30		I2.94	+0.59	A7	70		9.23	+0.52	G0 V
3I		II.44	+I.05	A - F	7I		I2.27	+I.73	
32		II.62	+0.45	F	72		I2.29	+I.35	K
33		I2.46	+0.45		73	24I534	II.75	+0.65	F8 V
34		9.75	+I.7I	M2 III	74		I2.47	+I.43	G5:
35		I0.I9	+I.32	K0	75	24I648	I0.43	+I.57	K2
36		I2.95	+0.7I		76	24I550	II.27	+0.40	A7 V
37		I2.66	+0.67		77		I2.I8	+I.05	F8
38		II.39	+0.65	F7 V	78		I2.58	+0.80	
39		I2.26	+0.85	K0	79		I2.0I	+0.88	F8
40		II.69	+0.46	F1	80		I2.29	+0.7I	G5 V

$+3^0 - +4^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
8I		I2.77	+0.55	F	I2I		I2.70	+0.75	
82	24I609	I0.50	+I.I4	G8	I22		I2.05	+0.93	
83	24I6I0	II.60	+0.78	F8	I23		I2.5I	+I.38	G - K
84	24I598	I0.7I	+I.II	G9 III	I24		II.96	+0.67	F8
85		I3.32	+0.67		I25		9.I2	+I.00	G8 III
86		I3.20	+0.7I		I26		I2.I0	+0.5I	F4
87		I2.39	+0.66	F - G	I27		I2.22	+0.76	G
88		II.I8	+I.45	K7 V	I28		II.64	+0.83	F9
89	24I729	I0.49	+0.80	F0	I29		I2.03	+0.57	F7
90		I3.25	+0.89		I30		I2.2I	+0.84	G
9I	24I728	I0.62	+0.75	F0	I3I		I2.85	+I.39	
92		II.98	+I.I3	K3	I32		I2.7I	+I.I2	
93		I2.08	+0.42	F6 V	I33		I2.96	+I.I8	
94		I2.3I	+I.0I	K0	I34		I2.69	+I.07	G
95		II.86	+0.57	F9 V	I35	242010	9.5I	+0.95	G8 IV
96		I2.32	+I.03	G	I36	34099	9.I8	+0.58	G0 V
97	33915	8.35	+I.37	K5 IV	I37		I2.9I	+0.62	
98	24I82I	II.04	+0.58	F4 V	I38		I2.44	+0.63	F5
99		I2.28	+0.52	F0	I39		II.84	+0.63	F9 V
I00		I2.05	+I.I9	F	I40		II.37	+I.52	K3 III
I0I	24I847	9.48	+0.50	F2 III	I4I		I2.74	+0.53	
I02		I2.52	+I.I6		I42		I0.8I	+0.55	F8 V
I03		I2.28	+0.56		I43		II.33	+I.II	K0
I04	33866	7.77	+0.56	G2 V	I44		I0.53	+0.66	F6
I05		I2.38	+0.72	G0	I45		II.70	+I.04	F9.
I06	33901	9.57	+0.24	A6 V	I46		I2.52	+0.89	G - K
I07		9.9I	+0.5I	F8 V	I47		I2.49	+I.09	G5
I08		II.88	+0.59	G0	I48		I2.9I	+0.37	
I09		I2.28	+0.94	F - G	I49		I2.29	+0.54	A4 V
II0		I2.52	+0.56	G0	I50		II.25	+0.56	F6 V
III		I2.45	+0.6I	F9	I5I		II.88	+I.26	G
II2		I2.29	+0.36	A1 V	I52		I2.87	+0.66	
II3		I2.40	+0.66	F8	I53		II.52	+I.22	K0 III
II4		I2.66	+0.58	F	I54		I2.I3	+I.06	K0
II5		I2.73	+I.II		I55	342II	8.5I	+0.48	F6 V
II6	24I873	9.46	+0.52	F7 V	I56		I2.53	+0.7I	F- G
II7	24I890	9.37	+0.47	F3 III	I57		I0.98	+I.45	G- K
II8	24I903	I0.29	+0.35	F1 V	I58		I2.62	+0.4I	
II9	24I993	I0.09	+0.52	F5	I59		I0.89	+I.06	K
I20	24I84I	I0.96	+0.67	F8 V	I60		9.77	+0.37	A2 V

$+3^0 - +4^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
I6I		I2.25	+0.56		I9I		I2.00	+I.I4	
I62		II.I8	+0.49	F0 V	I92		II.98	+0.5I	F0 V
I63		II.52	+I.II	G	I93		I2.I0	+0.85	F6
I64		I2.40	+0.97	F8	I94	242400	II.47	+0.54	A9 V
I65	242244	9.79	+0.3I	A7 V	I95		I2.59	+0.72	F
I66		I2.60	+0.64	F8	I96		I2.23	+I.I2	G
I67		I2.66	+0.82	F8	I97		I2.83	+0.I5	
I68		I2.65	+I.09	K	I98		I2.I2	+I.73	
I69		I2.50	+0.39	A4	I99		II.58	+I.46	K5
I70		I2.68	+0.87	F8	200	242468	I0.94	+0.9I	K0
I7I	34292	8.5I	+0.I0	A3 V	20I		I2.38	+I.29	G
I72		I2.77	+0.94	K0	202		I2.28	+I.I5	K5
I73	242325	II.94	+0.37	B9 V	203	242566	II.I3	+0.58	F6 V
I74		I2.00	+0.36	A8 V	204	242484	9.74	+0.I9	A4 V
I75		I2.75	+0.87	G	205		I3.02	+0.46	
I76		II.56	+0.67	F0	206		II.85	+I.I4	K0 V
I77	242293	I0.28	+I.08	G8 III	207	242593	I0.32	+0.8I	G8 V
I78		I2.32	+0.73	G0	208		I2.62	+0.64	F7
I79		I2.47	+0.59	A8 V	209		II.85	+0.77	F9
I80		I0.26	+0.59	F0	2I0		I2.47	+0.60	
I8I		I0.65	+0.38	A8 V	2II		II.28	+I.58	K7 -M
I82		I0.86	+0.69	G0 V	2I2		I2.58	+I.I3	
I83		I2.05	+I.I2	K0	2I3	242703	9.86	+I.42	M0 V
I84		I2.62	+0.63	F - G					
I85	34368	8.33	+0.23	A8 V					
I86		II.97	+I.27	K5					
I87		I2.85	+0.69						
I88		I3.I6	+0.6I						
I89	242380	I0.79	+0.5I	F6 V					
I90		I2.33	+0.53	A2 V					

$+2^0 - +3^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
I		I2.46	+I.09	K0	4I	32866	9.I9	+0.39	F0 V
2		I2.59	+I.97		42		I2.57	+0.55	
3		I2.89	+0.58		43		II.30	+I.00	G0 III
4	287479	I0.08	+I.20	G8 III	44		II.46	+I.39	G9 III
5		II.64	+0.76		45	287510	9.94	+0.36	F2 V
6		II.83	+I.38		46		I2.08	+0.84	K0
7	287477	I0.43	+0.38	A8 III	47		II.5I	+I.00	G5
8		II.46	+0.8I	G6 V	48		II.76	+I.26	G0 III
9		I3.02	+I.72		49		I2.93	+0.6I	
I0		I2.77	+I.25	G	50		I3.I4	+0.79	
II	287475	9.85	+0.45	A7 V	5I		II.82	+I.26	G9 III
I2	33663	8.60	+0.I9	B9 V	52		I2.02	+0.37	F3
I3		I3.00	+0.72		53		II.23	+I.46	G3
I4		I2.95	+I.05		54		I0.9I	+I.I6	K0
I5		II.72	+0.96		55		I2.I4	+0.69	F8
I6		II.78	+I.47	F - G	56		I2.33	+0.9I	G
I7		I2.20	+I.32		57		I2.56	+I.00	G
I8		I3.I5	+I.64		58	33007	8.6I	+0.0I	B9 V
I9		II.I5	+0.72		59		I2.29	+0.08	A2
20		II.80	+0.72		60		II.34	+0.6I	F8 V
2I		II.54	+I.57	K	6I	287509	9.63	+I.05	K0 IV
22		I0.99	+I.23	G9 III	62		I0.I3	+I.35	G9 III
23		I3.05	+0.78		63		I2.I3	+0.78	G
24		I3.28	+0.62		64		I3.35	+0.88	
25	287476	II.05	+0.63	F2 V	65		I3.72	+I.0I	
26		II.4I	+I.28	G8 III	66		II.79	+I.64	K - M
27	287518	II.27	+0.59	G0 V	67	287500	9.97	+I.08	G8 III
28	287519	II.I9	+0.58	F2 V	68		I2.69	+0.58	A8 V
29		I2.70	+0.50	F6	69	287501	I0.67	+0.74	F6
30		I2.22	+0.8I	G	70		I2.70	+I.24	G - K
3I		I2.97	+0.59		7I		II.99	+0.46	F0
32	32924	8.52	+I.07	K0 III	72	287503	II.03	+0.48	F0 V
33		II.09	+I.32	K0 III	73		I2.36	+0.52	F8
34		I2.4I	+I.63	K	74	287502	II.46	+0.60	F8 V
35		I3.34	+I.06		75		I2.50	+0.67	F6
36		II.08	+I.67	K6	76		I2.I2	+I.I8	K
37		I2.44	+0.58	F9	77		II.32	+0.92	G6
38		I2.76	+0.89	G	78		I2.87	+0.7I	F8
39	32867	7.44	-0.02	B8 V	79		I2.I5	+0.56	F - G
40		I3.09	+I.05		80	33038	7.60	-0.II	B8 V

$+2^0 - +3^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
8I		II.56	+0.63	F9 V	I2I		I2.35	+0.5I	F8
82		II.57	+0.48	F6 V	I22		I2.46	+0.66	G
83		II.27	+0.49	F5 V	I23	287568	I0.27	+0.95	G5
84	287511	II.22	+0.33	A7 V	I24		I3.09	+0.97	
85	var	I2.6I	+0.84	A5	I25		I2.02	+0.33	F0
86		I0.56	+I.77	K5 III	I26		I2.53	+0.99	K0
87		I2.72	+0.64	F8	I27		I2.38	+0.6I	F5:
88		I2.06	+I.22		I28		I2.34	+0.90	G - K
89		I0.52	+I.52	K0 III	I29		I3.0I	+0.79	
90		I3.29	+0.56		I30		I2.80	+0.77	
9I	287513	I0.43	+0.55	F3 IV	I3I		I2.64	+0.75	G
92		I2.II	+0.76	F0 V	I32		I2.48	+0.55	F1
93	287512	9.92	+I.43	K6	I33		II.75	+I.08	K
94		I2.83	+0.49		I34		I2.2I	+0.53	F4
95		I3.32	+0.90		I35		I3.0I	+0.78	
96		I2.46	+0.90	G	I36		I2.5I	+0.52	F - G
97	33I40	9.3I	+0.38	F2 V	I37	287504	I0.03	+I.I7	G8 III
98		I2.09	+0.67	F8	I38	33303	8.I9	+0.03	A1 V
99		I3.03	+0.63		I39		I2.29	+0.52	A8 V
I00		I2.I6	+0.68	F8	I40		I2.26	+0.3I	F0
I0I	287507	I0.63	+0.50	A7 V	I4I		I2.96	+0.46	
I02		I2.II	+0.30	A1	I42		II.66	+0.59	F0 V
I03		I2.87	+0.95		I43		II.00	+0.56	F5 V
I04		I2.28	+0.79	F8	I44	33403	8.25	+0.I2	B9 V
I05		I2.56	+0.60	F - G	I45		I3.26	+0.42	
I06		II.98	+0.70	F9	I46		I3.I6	+0.64	
I07	287505	I0.7I	+0.77	F6	I47		I2.02	+I.02	K0
I08		II.27	+I.43	K6	I48		I2.02	+0.85	G5
I09		I2.I2	+0.57	F9	I49	287555	I0.59	+0.5I	F1
II0	287506	9.4I	+0.89	K0 V	I50		I2.88	+0.72	
III		II.32	+I.00	G0 III	I5I		I2.6I	+I.38	K0
II2		II.84	+0.49	F6 V	I52	287567	9.84	+0.46	F4 V
II3		II.94	+0.62	F8 V	I53		I3.35	+I.2I	
II4		I2.43	+0.55	F1	I54		I2.93	+I.I4	
II5		I3.2I	+0.78		I55		I2.76	+0.75	F - G
II6	287514	9.22	+I.26	K0 III	I56		II.57	+0.56	F8 V
II7	287516	9.85	+I.I7	K5 V	I57		I3.II	+0.76	
II8	287515	9.87	+0.I5	A0 V	I58		I2.45	+0.6I	F
II9		I3.I2	+0.58		I59		II.30	+0.76	F9
I20		I2.52	+I.35	G	I60		II.73	+0.46	F6 V

$+2^0$ - $+3^0$

No.	HD,HDE	V	B-V	Sp
I6I		I2.75	+0.98	G
I62		I3.25	+I.34	
I63	287566	I0.72	+0.68	F9
I64		I2.97	+0.53	
I65	287565	II.49	+0.59	F5
I66		I2.70	+0.69	G8
I67		I2.73	+I.43	
I68		I2.80	+0.76	G
I69		I3.29	+0.70	
I70		I2.00	+0.62	F8
I7I		I2.85	+0.63	
I72		I2.64	+0.63	F8
I73		II.93	+0.45	A5 V
I74		II.08	+0.43	F1 V
I75	287556	I0.29	+I.05	G8 III
I76		I3.23	+I.06	
I77	287554	II.I3	+0.85	G0 III
I78		I2.II	+0.47	F6
I79		I2.26	+0.38	A2
I80		I3.00	+I.08	
I8I		I3.08	+0.70	
I82		I3.0I	+0.63	
I83	287549	I0.30	+I.20	K0 III
I84		I2.4I	+0.53	F5
I85		I3.I8	+0.75	F4
I86		II.94	+0.68	F - G
I87	287550	II.37	+0.63	G2 V
I88		II.75	+I.00	G7
I89		I3.24	+0.57	
I90		II.86	+I.25	K5
I9I		I2.34	+0.92	G0
I92	287553	9.86	+0.69	G2 V
I93	287552	I0.74	+0.33	A4 V
I94	287557	I0.97	+0.7I	F8
I95		I2.89	+I.08	
I96		I2.55	+I.07	G
I97	287559	I0.50	+0.67	F8
I98		II.79	+I.I2	K0
I99		II.45	+0.72	G5 V
200		I2.25	+I.08	K

No.	HD,HDE	V	B-V	Sp
20I	287560	II.09	+0.47	F3 V
202		II.64	+I.39	K - M
203		I2.69	+I.05	G
204		I3.I7	+0.65	
205	287564	I0.63	+I.44	K2 III
206	287563	I0.55	+I.02	G8 III
207		II.39	+0.55	F0 V
208		I0.50	+0.62	F9 V
209		I3.30	+0.50	
2I0		I3.25	+I.85	
2II		I3.I8	+0.57	
2I2		I2.98	+0.65	
2I3		II.04	+I.66	K5 - M
2I4		II.3I	+0.39	A7 V
2I5		I2.0I	+I.00	K0
2I6		I2.53	+0.83	F - G
2I7	28755I	I0.84	+I.I9	G8 III
2I8		I3.I4	+I.I7	
2I9	287610	II.28	+0.42	F0 V
220		I2.87	+0.48	
22I		I2.05	+0.59	F8
222		I2.8I	+I.5I	
223		II.9I	+0.96	G9
224		I3.0I	+0.36	
225		I2.96	+0.7I	
226		I2.I0	+0.87	F8
227		I3.26	+0.55	
228	287609	9.43	+0.80	G8 V
229		I2.24	+0.36	F0
230		II.75	+I.27	G8 :
23I		I2.80	+0.99	G
232		I3.06	+I.25	
233	28761I	9.I7	+I.4I	K5 V
234	28762I	I0.96	+I.34	K5
235		I2.99	+0.64	
236		I3.I2	+0.45	
237		I2.26	+I.52	
238	28763I	I0.87	+I.09	G8 III
239		I3.39	+0.45	
240	287582	I0.73	+0.45	F2 V

$+2^0$ - $+3^0$

No.	HD,HDE	V	B-V	Sp
24I		I2.86	+0.32	
242		I2.55	+I.87	
243		I2.04	+0.46	F6
244		II.23	+0.59	F0
245		I3.34	+0.5I	
246	287562	I0.49	+0.39	A9 V
247		I2.24	+0.6I	F9
248		I3.26	+0.54	
249		II.I5	+I.59	K7
250		I3.08	+0.66	
25I		I2.67	+0.66	F8
252		I3.49	+0.57	
253		I3.04	+0.64	
254		I2.84	+0.44	
255		I3.44	+0.74	
256		I3.47	+0.59	
257		I3.04	+0.62	
258		I2.85	+0.85	
259		I3.72	+0.65	
260	287626	II.05	+0.27	A5 V
26I		I3.69	+I.03	
262		I2.6I	+0.43	F2
263	287625	8.7I	+0.90	G8
264		I2.86	+I.66	
265		I2.96	+0.93	
266		I2.3I	+0.72	G5
267		I3.39	+0.98	
268		I2.67	+I.06	G
269	339I6	8.70	+I.00	K0 IV
270		I3.I8	+0.59	
27I		I3.29	+0.76	
272	287622	II.3I	+0.48	F5 V
273	287623	II.47	+0.76	G0 III
274		I2.24	+I.06	K
275		II.70	+0.4I	F0 V
276		I3.I0	+0.70	
277	28762I	I0.46	+I.00	K0
278		II.02	+I.I3	K0 III
279		I2.44	+I.0I	
280		I0.48	+I.I8	K0 III

No.	HD,HDE	V	B-V	Sp
28I		II.66	+0.42	F5 V
282	33882	9.03	+0.45	F6 V
283		I2.24	+0.55	F9
284		I3.0I	+I.28	
285		I2.97	+0.84	
286		I2.52	+0.80	F
287		II.37	+0.77	G9 V
288		I2.I0	+I.07	K0
289		II.98	+I.53	K0 III
290	33856	4.46	+I.I8	K3 IV
29I		I2.I5	+0.54	F8
292	287608	I0.34	+I.I0	K2
293		I3.28	+0.93	
294		I3.07	+I.I3	
295	287606	I0.89	+I.I7	G8
296	287605	I0.88	+0.37	A8 V
297		I2.08	+0.39	A8
298	287604	I0.08	+0.93	K3
299		I2.40	+I.I3	G
300		I3.I2	+0.98	
30I	287607	I0.80	+0.59	G0 V
302		I2.95	+0.87	
303		I3.29	+I.05	
304		I2.95	+0.66	
305		I3.25	+0.74	
306		I2.07	+0.7I	G9
307		I0.36	+I.69	M0
308		II.76	+0.79	G0
309		I2.33	+0.70	F9
3I0	287615	I0.I5	+I.03	G5 III
3II		I2.I3	+I.27	K0
3I2		I2.05	+0.93	G5
3I3	34035	8.99	+0.I4	A0 V
3I4		I2.5I	+0.49	F5
3I5		I2.74	+I.4I	K0
3I6		I2.50	+I.25	G
3I7		I2.92	+0.62	
3I8		II.64	+I.23	K0 III
3I9		I2.38	+I.05	G5
320		I2.09	+I.75	K - M

$+2^0 - +3^0$

No.	HD,HDE	V	B-V	Sp
321		12.66	+0.66	F
322		13.42	+0.83	
323		12.78	+1.27	G
324		11.30	+1.31	K5
325		12.86	+1.08	
326		12.30	+0.45	F6
327		13.03	+0.99	
328		11.70	+1.03	K0
329		12.75	+1.10	G
330	287619	11.65	+0.18	A3
331		12.10	+0.77	F8
332		9.05	+1.01	G - K
333	287617	9.18	+0.38	F2 V
334	287616	10.71	+0.44	F5 V
335		13.12	+1.26	G
336		13.01	+0.64	
337		12.72	+0.68	
338		13.39	+0.77	
339		13.01	+0.95	
340		11.80	+0.48	F0 V
341		11.98	+0.55	F5
342		11.72	+0.66	F0
343		12.75	+0.97	G
344	34212	9.58	+0.54	G0 V
345		12.28	+1.35	F8
346		11.58	+0.72	F6
347		12.21	+0.66	A3
348		11.95	+0.30	A3 V
349		12.88	+1.31	
350	287618	10.74	+0.66	G0 V
351	287661	10.11	+1.21	K0 III
352		11.91	+0.93	G5
353	287662	10.46	+0.27	A1 V
354		13.45	+0.68	
355		13.32	+1.04	
356		11.34	+0.90	G8
357		11.82	+0.39	F2 V
358		12.73	+1.13	G
359		12.63	+1.47	F5
360	287681	10.06	0.00	B9 V
361		12.37	+0.71	G5
362	287664	10.60	+1.25	K5
363	287660	10.22	+1.04	G8
364		12.05	+0.99	G8
365	287659	9.54	+1.63	M,S ?
366		11.91	+0.48	F1
367		11.33	+0.87	K0 V
368		12.09	+0.92	G0
369		12.45	+0.66	F - G
370	287655	10.98	+1.04	G5 III
371		12.10	+0.25	A3 V
372		12:33	+0.74	F8
373		13.12	+0.83	
374		12.23	+1.03	G
375	287654	10.44	+0.21	A7
376		11.49	+0.61	F8 IV
377		11.92	+0.58	A9
378		12.64	+1.13	G
379		12.04	+1.33	K
380		11.49	+1.56	K - M
381		12.31	+0.69	A8
382	287665	10.81	+0.31	A8 V
383	287666	10.68	+0.91	K2 V
384	287667	10.92	+0.95	G0 III
385		11.73	+1.09	G5
386	287668	10.43	+0.76	G8 V
387	287669	11.76	+0.18	A8
388	287670	11.35	+0.50	F5 V
389		12.35	+0.76	G
390		11.96	+0.42	F2 V
391	287691	10.11	+0.57	F8 V
392	287672	10.20	+0.56	G0 V
393		12.29	+1.20	G
394	287673	10.13	+0.70	F9
395	287716	10.48	+0.38	F0 V
396		11.89	+0.75	F8
397		12.18	+0.76	F5
398		11.25	+0.60	F8 V
399		12.45	+0.61	G0
400		11.47	+0.97	K2 V

$+2^0 - +3^0$

No.	HD,HDE	V	B-V	Sp
401	287653	10.71	+1.24	G9 III
402		11.87	+0.66	F8
403		12.56	+1.04	G0
404		12.06	+1.40	K
405	287704	11.50	+0.65	F6
406		12.31	+0.57	F9
407		11.98	+0.61	F8 V
408		10.79	+0.76	F5
409	34684	8.56	+1.08	K0 III
410	34794	9.28	+0.57	G0 V
411		11.60	+1.14	G0
412		12.76	+1.26	
413		12.26	+0.61	K0
414		13.13	+0.79	
415	287706	10.21	+0.47	F5 V
416	287707	10.04	+0.80	G8 V
417		11.41	+0.57	F0 V
418	34658	5.34	+0.40	F3 IV
419		11.23	+1.31	
420		11.69	+1.03	
421		12.35	+0.50	
422	287715	10.74	+1.06	G0
423		11.85	+0.59	F8 V
424		11.96	+0.46	F0
425	287717	11.27	+1.02	G5
426		12.28	+1.20	G
427		12.81	+1.29	
428	287714	10.57	+0.82	G5
429		12.61	+1.54	
430		12.74	+0.81	
431	287705	10.88	+0.66	F6
432		12.43	+0.46	F2
433		12.28	+1.22	K5
434		12.53	+0.83	F8
435		12.23	+0.56	F6
436		12.65	+0.59	G0
437		12.28	+0.55	F9
438		11.51	+1.22	K0 III
439	287708	11.35	+0.46	F0 V
440	287710	11.72	+0.38	A8 V
441		12.10	+0.58	F8
442	287711	10.76	+1.07	K0
443		12.34	+0.56	F9
444		12.73	+0.73	F2
445	287713	11.18	+0.51	F2 V
446	34745	6.85	+0.52	F8 V
447		11.73	+0.52	F6 V
448		12.91	+0.85	
449	34778	6.56	+0.89	G8 IV
450		12.16	+0.51	F3
451		12.26	+1.91	
452		12.18	+0.55	F2
453		11.73	+0.67	F8
454		11.04	+0.96	
455	287719	10.44	+1.15	
456	287718	11.04	+0.44	A7 V
457	287725	9.52	+0.64	G1 IV
458	287724	9.75	+0.96	G9 IV
459	287723	11.57	+0.60	F8 V
460		12.26	+0.61	
461	287722	11.50	+0.72	G0
462		11.87	+0.62	F8 V
463	287721	10.78	+0.59	F8 V
464		12.47	+0.69	
465		11.62	+1.16	G6 III
466		12.56	+1.59	K
467		12.20	+0.70	F8
468		12.27	+0.72	G8
469		12.26	+0.51	A8
470	287770	10.85	+0.77	F9 III
471		11.98	+0.34	A5 V
472		11.97	+0.61	G
473		12.64	+1.05	G
474	287769	10.55	+0.57	G0 V
475		12.57	+1.14	
476		11.98	+0.62	
477		11.65	+0.56	
478		11.91	+0.68	

$+1^0 - +2^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
I	287482	9.93	+0.69	G1 V	41	287524	9.60	+0.57	F8 V
2	287483	I0.60	+0.69	F6	42		I0.61	+I.37	G9 III
3		I2.96	+I.27		43		I2.42	+I.04	K0
4		II.30	+I.58	K5	44	287525	I0.23	+0.65	F8
5		I2.56	+0.75	F8	45		I2.42	+I.I2	K
6		I3.I6	+I.26		46		I2.57	+0.67	G
7		II.88	+I.02		47		I3.03	+I.48	
8	287494	9.75	+0.99	G8 III	48		I2.I6	+0.85	G0
9		I2.60	+0.88	F8 :	49		I2.I7	+0.62	F8
I0		I2.72	+0.88	G	50		I2.67	+2.09	
II	287493	9.47	+0.87	G0 III	5I		I2.56	+0.77	F2
I2		I3.0I	+I.58		52		I2.03	+0.65	G6
I3	287492	II.08	+0.6I	F0 V	53		I2.I3	+0.85	G0
I4		I2.00	+I.I0	G0	54		I2.I0	+0.85	F9
I5	287491	I0.97	+0.82	F7	55		I2.5I	+0.65	F8
I6		I2.30	+0.84	F8	56		II.03	+I.45	K0 III
I7		I2.56	+0.85	G	57		I2.47	+I.40	
I8		II.93	+I.34	G0	58	287538	I0.20	+0.64	F8
I9		I2.I7	+0.73	F4	59		II.89	+0.70	G0 V
20		II.52	+I.37	G5 III	60		II.30	+0.62	F0
2I		II.69	+0.85	F8	6I		I2.23	+I.88	K
22	328I6	8.I8	+0.02	B8 V	62		I2.79	+0.67	F - G
23		I2.0I	+0.5I	A1 V	63		I3.I7	+0.65	
24		I2.85	+0.79		64	287526	II.35	+0.59	F8 V
25		I2.26	+0.85	F8	65		I2.32	+0.86	G5
26		I3.02	+I.63		66		I3.04	+0.64	
27	287520	I0.6I	+0.37	F0 V	67		I2.63	+I.I0	G - K
28		I2.37	+0.53	F8	68		I2.73	+0.5I	F8
29		I2.56	+I.38	K	69		I0.95	+I.05	K0
30		I2.73	+0.62	F8	70		II.59	+0.38	A5 V
3I		II.77	+0.63	F1	7I		I2.36	+I.I2	G0
32		II.99	+I.00	G0	72		I3.33	+I.09	
33		I0.93	+I.25	G8 III	73		I2.73	+0.97	
34		II.93	+0.7I	G	74		II.83	+0.58	F9 V
35		I2.I2	+I.I0	G9	75		I2.4I	+0.69	F5
36		I2.70	+0.74	G5	76		II.69	+0.62	F7 V
37		I2.53	+I.I2	G	77		I3.32	+0.69	
38		II.53	+0.98	K0	78		I2.74	+0.82	G
39		I3.36	+0.88		79		I2.22	+0.55	F8 V
40	287523	9.53	+0.40	A8 V	80		I2.57	+0.87	G0

$+1^0 - +2^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
8I	287536	I0.37	+0.54	F0	I2I		I2.72	+0.64	
82		II.94	+0.67	A9 V	I22		I2.58	+0.55	F8
83		I2.69	+0.64	F6	I23		I3.09	+I.39	
84		I2.89	+0.47		I24		I0.45	+0.53	F6 V
85		I3.23	+0.68		I25	287596	II.0I	+0.60	G0 V
86	287537	9.46	+0.62	G1 V	I26		II.97	+0.4I	F0
87		II.42	+0.86	G0 :	I27		II.98	+0.73	F9
88		I2.95	+0.60		I28		I3.03	+2.00	
89		II.99	+0.57	F8 V	I29		I2.97	+I.I0	
90	287544	8.82	+I.0I	G9 III	I30		I3.I6	+0.82	
9I	287545	9.I4	+0.85	G9 V	I3I		II.96	+0.55	F9
92		I3.04	+I.06		I32		I2.87	+0.52	
93		I2.I4	+I.33	K5	I33		I2.37	+I.I6	G
94		II.05	+I.46	K0 III	I34		I3.I2	+0.64	
95		II.45	+0.55	F8 V	I35		I3.20	+I.27	
96		I2.38	+0.55	F8	I36		I3.I2	+0.59	
97	287535	I0.33	+0.83	G0	I37		I2.32	+0.85	F8
98		II.09	+0.62	G5	I38		I3.58	+0.55	
99		I2.85	+I.I3		I39	33344	8.76	+0.70	G2 V
I00	287517	9.39	+0.9I	K0 V	I40	287570	I0.80	+0.38	F0 V
I0I		I3.25	+0.47		I4I		I2.29	+I.00	G - K
I02		I2.59	+0.59	F - G	I42		I2.5I	+I.I6	F - G
I03		I2.7I	+I.29	K	I43		I2.09	+0.56	F8
I04	287528	I0.I0	+0.88	G5	I44	33490	9.I5	+0.69	G3 V
I05		I0.8I	+I.34	K5	I45		I3.50	+0.53	
I06		I2.77	+I.I7		I46		I4.00	+0.63	
I07	287529	II.I9	+0.56	F0	I47		I2.64	+I.00	
I08		I3.27	+0.38		I48		I3.86	+0.40	
I09	287530	9.87	+0.73	G5 V	I49		I2.42	+I.II	K2
II0	287531	I0.39	+0.59	G0 V	I50		II.2I	+I.48	M1
III		I2.87	+0.66		I5I	33438	9.5I	+0.I2	A3 V
II2		I2.59	+0.96	G2	I52	287582	9.47	+I.06	K0 IV
II3	287532	9.80	+0.65	G2 IV	I53	287583	I0.77	+0.30	F2 V
II4		I2.69	+I.06	G5	I54		I2.58	+0.70	G0
II5		I3.29	+0.59		I55		I2.26	+0.94	K0
II6		I2.94	+0.43		I56	287595	9.24	+0.83	G8 V
II7	287533	II.00	+0.57	F8 V	I57		I2.I5	+0.66	G5
II8	287534	9.8I	+I.55	M2 V	I58		I0.86	+I.54	K0
II9		II.36	+I.I4	G5	I59	33483	8.79	+0.04	B8 V
I20	33I89	8.64	+0.I3	B9 V	I60	287585	I0.29	+0.99	K0

$+1^0 - +2^0$

No.	HD,HDE	V	B-V	Sp
161		13.02	+0.53	
162		11.28	+0.92	G5
163		13.43	+0.67	
164		13.20	+0.95	
165		12.57	+1.11	K0
166		11.91	+0.46	F8 V
167		13.76	+0.76	
168		13.31	+1.08	
169		12.58	+0.82	
170		12.55	+0.31	B9
171		13.05	+1.38	
172		12.53	+0.51	F8
173		11.97	+0.96	K0
174		13.52	+0.50	
175		12.46	+0.56	F2
176		13.30	+0.69	G :
177	287577	10.54	+1.16	K0 III
178	287578	10.89	+0.39	A8 V
179		13.12	+0.41	
180		12.26	+1.05	G8
181	287579	10.17	+0.92	G8
182		12.17	+0.65	F1
183		13.74	+0.48	
184		11.94	+1.09	K0
185		13.09	+1.07	
186	287586	11.41	+0.59	G0 V
187		12.39	+0.55	F5
188		12.87	+0.40	
189		12.84	+1.25	
190	287592	9.61	+0.87	K0 V
191		12.88	+1.12	
192		13.06	+1.14	
193		12.10	+0.89	G5
194		13.23	+0.80	
195		13.07	+0.91	
196		12.86	+0.87	
197		13.28	+0.51	
198		10.80	+1.51	K5
199	287587	11.47	+0.79	G8 V
200		13.23	+0.54	
201		12.05	+0.36	F1
202		11.06	+1.22	K0 III
203		13.46	+0.50	
204		13.36	+0.74	
205	287576	11.27	+0.55	F5 V
206		13.44	+1.02	
207		13.22	+0.52	
208	287573	11.10	+0.60	F9 V
209		13.54	+1.17	
210		12.41	+0.31	A1 V
211	287571	10.02	+0.17	A2 V
212		13.49	+0.53	
213	287572	10.47	+0.53	F5
214		13.73	+0.37	
215		13.75	+0.58	
216	287627	10.32	+0.53	F0
217		12.50	+0.71	G
218		12.67	+0.45	A8 V
219		13.45	+1.29	
220		13.32	+1.02	
221		12.52	+0.46	A6 V
222	287574	10.79	+0.23	A4 V
223		12.53	+1.01	G
224		11.77	+0.68	G5 V
225		12.97	+0.37	
226		12.68	+0.51	F
227	287575	10.83	+0.68	F8
228		11.83	+0.32	B9 V
229		12.39	+0.73	F
230		11.44	+0.54	F8 V
231	287588	11.16	+0.58	F5 III
232	33723	8.62	+1.11	G8 III
233		11.91	+0.80	F8
234	287591	9.73	+0.36	F2 V
235	287589	10.34	+1.08	K0
236		12.04	+1.16	G8
237		12.67	+0.77	G
238		12.06	+0.75	F9
239		12.98	+0.56	
240		13.44	+0.61	

$+1^0 - +2^0$

No.	HD,HDE	V	B-V	Sp
241		12.27	+1.39	K
242	33961	8.99	+0.92	G9 V
243	287646	9.12	+1.09	K0 IV
244		10.78	+0.96	G5 III
245		12.19	+0.43	A8
246		12.04	+0.46	F6
247		12.72	+1.07	G
248	287641	11.42	+0.40	F6
249		12.22	+0.42	F0
250		12.61	+0.63	G
251		12.59	+0.46	F6
252		12.07	+0.57	
253	33960	8.88	+0.90	K0 V
254	287640	10.83	+0.21	A0 V
255		11.42	+0.61	G:
256		12.06	+0.53	
257	287635	10.26	+0.78	G8
258		11.86	+1.13	K3
259		11.96	+0.37	F2 V
260		13.18	+0.94	G - K
261	287636	10.39	+0.87	G0
262		12.98	+0.75	
263		12.77	+0.72	
264		11.58	+0.87	G0
265	287634	9.54	+1.02	G9
266		11.25	+1.08	G8 III
267		11.78	+0.25	A1 V
268		13.16	+0.32	
269	33883	6.08	+0.42	A6 I
270		13.11	+0.76	
271		12.05	+1.22	G - K
272		12.01	+0.89	K0 :
273		11.98	+0.57	F5 :
274		12.56	+0.86	G5
275		12.34	+0.78	G0
276		13.12	+0.70	
277	287633	9.15	+1.33	K5
278		12.14	+0.53	F8
279		12.58	+0.37	
280	287632	9.92	+0.93	K0 V
281		12.02	+1.56	K
282		12.20	+0.96	K0 :
283		11.82	+0.61	F8 V
284	287637	11.37	+0.46	F5 V
285		12.76	+0.67	
286		12.20	+0.57	F8
287	287638	10.75	+0.75	G0
288	287639	10.80	+1.16	K2
289		11.79	+0.37	F2 V
290		12.20	+0.56	F8 V
291		12.75	+0.74	F - G
292		12.82	+0.96	
293		12.22	+1.04	G8
294	287644	10.55	+0.62	F1
295		12.23	+1.11	K0
296	287645	9.33	+0.65	G0 V
297	287697	9.54	+0.82	G6 IV
298		12.02	+0.20	F0
299		11.13	+0.58	F5
300		10.53	+1.01	G8
301	287695	9.45	+0.81	G8 V
302		11.57	+0.55	
303		12.66	+1.38	
304		11.44	+0.45	F6 V
305	34137	7.11	+1.27	K2 III
306		12.99	+0.61	
307		11.25	+1.19	G8
308		11.27	+0.73	G5 V
309	287630	10.51	+0.60	F8 V
310	287631	10.76	+0.16	A2 V
311	287629	9.49	+0.79	G0
312		12.33	+0.56	
313		12.18	+0.59	F8 V
314		11.81	+0.57	F8 V
315		12.74	+0.67	G
316	287628	10.94	+0.46	A8 V
317		11.67	+0.17	
318		12.48	+0.92	G - K
319		12.77	+0.43	
320		12.64	+0.53	F8

$+1^0 - +2^0$

No.	HD,HDE	V	B-V	Sp
321		12.04	+0.48	F6 V
322		11.53	+0.52	F5
323		12.49	+0.47	F
324	287678	10.90	+0.58	F8 V
325		11.80	+0.53	F8 V
326		11.14	+1.07	G5 III
327		12.31	+0.36	A2 V
328	287680	10.93	+0.87	G9
329		12.19	+0.40	F3
330	287684	10.11	+0.55	F8 V
331	287685	10.43	+0.72	G0
332	287686	11.32	+0.57	F2 V
333	34317	6.41	-0.02	B8 III
334		11.71	+0.17	A4
335		12.50	+1.42	
336	34369	8.99	+0.01	A0 V
337		12.00	+0.40	F0
338	287687	10.66	+0.27	B9 V
339		11.88	+1.57	K
340		11.79	+0.84	K0 V
341	33263	7.46	+1.03	K0 III
342		11.16	+0.88	K0
343	287688	10.45	+1.15	K0
344		11.32	+1.09	K0
345		12.94	+0.84	
346		11.82	+0.36	A9 V
347		11.78	+0.83	K0 V
348		12.93	+1.21	
349	287693	11.13	+0.60	G0 V
350		12.65	+1.53	
351		11.28	+0.78	G2
352		12.71	+0.52	F
353	287694	10.23	+0.44	F2 V
354		10.72	+1.42	G9
355	38726	8.50	+0.14	A2 V
356	287692	10.51	+0.31	A8 V
357		12.67	+0.35	F0
358		11.79	+0.87	G - K
359		12.81	+1.37	
360		11.84	+1.20	G5
361		11.80	+1.18	K
362		12.70	+0.63	F8
363		12.63	+0.64	F9 V
364		12.59	+0.66	F8
365		11.53	+0.82	F2
366		12.72	+0.64	F5
367		13.07	+0.33	
368		11.84	+1.07	K0
369		12.60	+1.89	
370	287689	9.95	+0.45	F1 V
371		11.29	+1.07	G2 III
372		11.79	+0.30	F0
373		10.74	+1.32	K0 III
374		12.48	+0.60	G9
375		11.50	+1.30	
376	287677	9.33	+0.79	G8 V
377		12.58	+0.79	
378		11.49	+0.32	F0
379		12.64	+0.85	F - G
380		12.05	+0.57	F8 V
381		11.56	+0.92	F8
382		11.61	+0.96	F
383		11.81	+0.36	A8 V
384	287674	9.73	+0.24	A4 V
385		12.41	+0.66	F - G
386		12.57	+0.73	G
387	287679	11.52	+0.64	G0 V
388	34561	9.62	+0.07	A2 V
389	287675	10.40	+0.61	G0 V
390		12.10	+0.59	F0 V
391	287676	11.05	+0.14	A1 V
392		12.06	+0.68	F8
393		12.81	+0.92	
394		11.96	+0.54	F
395		12.68	+0.59	F8
396	34567	9.22	+0.56	F8 V
397		13.02	+1.19	
398		11.41	+1.63	K2
399		11.21	+1.17	K0 III
400		11.82	+0.92	G0

$+1^0 - +2^0$

No.	HD,HDE	V	B-V	Sp
401		11.76	+1.14	G9
402	287737	10.11	+0.68	F6 III
403		12.56	+0.85	F5
404		12.03	+0.62	F9 V
405		12.32	+1.42	K0 III
406		12.06	+1.00	G5
407		12.02	+1.07	G8
408		12.92	+0.69	
409		12.37	+0.61	F - G
410	287728	11.19	+0.96	G1
411		12.21	+0.58	F8 V
412		11.89	+1.73	
413	287724	9.66	+0.80	G5
414		12.06	+1.35	K0 III
415		12.40	+1.33	G
416		12.32	+0.77	F - G
417	287735	9.23	+0.62	G0 V
418	287736	9.82	+0.61	G0 V
419		12.06	+0.35	A6 V
420		12.12	+0.63	F8
421		11.69	+0.86	G9
422	287738	9.84	+0.56	F6
423	34746	8.85	+0.15	A5 V
424	287743	9.58	+0.88	K0 V
425		11.13	+1.26	K2 V
426		11.11	+1.35	K0 III
427	34625	8.99	+0.11	B8 V
428		12.05	+0.65	F0
429		12.05	+1.21	K
430		11.51	+1.03	G5 III
431		12.99	+0.73	
432		11.58	+0.53	F2 V
433		12.82	+0.56	
434	287741	10.41	+0.53	F5 V
435		12.78	+0.81	
436	287742	11.13	+0.90	G0
437		13.02	+0.70	
438		12.66	+0.72	F
439	287740	9.34	+1.09	G8 III
440		12.69	+0.68	F8
441	34960	9.10	+0.44	F2 V
442		12.27	+1.38	
443		11.94	+1.38	
444		12.54	+1.73	
445		12.64	+0.86	F5
446		11.96	+0.81	G6
447		11.08	+0.96	G9
448	287733	10.43	+0.22	B9 V
449		12.62	+0.67	
450		13.16	+0.63	
451		12.45	+0.74	F
452		12.79	+0.75	
453		11.96	+0.54	F0
454	34980	8.36	+0.97	G8 III
455	287730	10.08	+1.40	K5
456		12.79	+0.66	
457		12.98	+1.20	
458	var 287427	9.70	+0.59	G0 V
459		11.92	+0.45	F0
460		11.47	+1.31	K5
461	287726	10.97	+0.58	F5 V
462		11.36	+1.24	K0 III

$0^0 - +1^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
I		I2.68	+0.67	G	4I		II.58	+I.44	K0
2		II.90	+0.8I	K	42		I2.85	+0.56	
3		I0.90	+I.63	K5	43	289915	II.0I	+I.I4	K5 V
4		I2.78	+I.24		44		II.I2	+0.65	G0 V
5		I3.I9	+0.86		45		I2.32	+0.8I	K0
6		I2.54	+0.64	F6	46		I2.46	+0.65	F
7		I2.53	+0.86	G	47		I2.3I	+I.25	
8	287539	I0.75	+0.87	F8	48	33I75	8.57	+0.45	F4 IV
9	3295I	8.I6	+0.87	G8	49	289914	I0.3I	+I.08	G8 III
I0		I0.3I	+I.06	G0	50		II.67	+0.60	F8
II	28992I	I0.37	+0.64	F6	5I	33I74	7.35	+I.05	K0 III
I2		I2.50	+0.89	G0	52	287543	I0.94	+0.78	F6 III
I3	287540	I0.78	+0.77	G0	53		II.38	+0.44	F2
I4	28754I	9.46	+0.56	F7 V	54		I3.I6	+0.89	
I5		I2.97	+0.62		55		I3.I3	+0.77	
I6		I2.30	+0.70	G	56		I2.47	+I.22	G8
I7		I2.92	+0.98		57	287548	I0.48	+I.I8	K5 V
I8		I2.35	+0.80	G	58		I2.04	+0.20	A3
I9		I3.II	+0.93		59		I2.56	+I.87	
20		I2.78	+0.68		60		I2.50	+0.78	G
2I	33008	7.43	+0.24	F0 V	6I	33222	8.24	+I.52	K5 IV
22		II.33	+I.2I	K0 III	62	287546	II.29	+0.5I	F2 V
23		II.64	+I.03	G5 :	63	287598	I0.29	+0.66	F8
24	287542	I0.70	+0.74	F9	64	287599	I0.52	+I.62	K - M
25		I2.57	+0.53	F8 V	65	287600	9.83	+0.4I	F2 V
26		I2.82	+0.47		66		I2.96	+0.69	
27	2899I7	I0.58	+0.40	B9 V	67	28760I	9.44	+0.58	G0 V
28	2899I6	I0.56	+0.58	F0	68		I2.30	+0.56	F5
29		I2.60	+0.37		69		II.32	+0.43	F0 V
30	2899I9	I0.38	+0.68	F0	70		I2.90	+I.27	
3I	289929	I0.II	+I.53	K2	7I	289978	I0.90	+0.80	G0
32		I2.07	+0.66	F6 V	72		I2.26	+0.63	
33		I3.23	+I.I6		73		II.55	+I.I2	K0
34		I2.28	+I.I5		74		I2.8I	+0.56	
35		II.86	+I.44	K0 III	75		I2.04	+I.04	K0
36	289979	II.II	+I.26	K0 III	76		II.32	+0.52	G0
37		I2.6I	+0.54	F8	77		I3.55	+0.49	
38	2899I8	II.35	+0.55	F0 V	78		I3.42	+0.79	
39		II.94	+I.65		79	289983	9.65	+0.9I	K0 V
40		I2.5I	+0.95	K	80		II.46	+0.8I	F6

$0^0 - +1^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
8I	289982	I0.35	+0.49	A8	I2I	287593	I0.80	+0.45	A8 V
82	289981	I0.56	+0.37	B9 V	I22	290048	I0.45	+0.68	F8
83	289980	II.46	+0.47	F0 V	I23		II.69	+0.50	F0 V
84		I2.89	+0.8I		I24		I2.34	+0.60	F8
85		I2.83	+0.6I		I25	290062	9.77	+0.97	K2 V
86		I3.35	+I.I9		I26		II.34	+0.62	F6
87		I2.82	+0.77		I27		I2.I6	+0.58	F6
88		II.03	+0.82	F8	I28	290063	II.36	+0.33	A7
89		I2.50	+I.63	K	I29		I2.36	+0.56	F0 V
90		I2.34	+0.8I	G6	I30		I2.83	+0.68	
9I		I2.69	+0.55	F	I3I		I2.72	+I.32	
92		I2.58	+0.79		I32	33647	6.59	-0.02	B8 V
93		I2.42	+0.5I	A8 V	I33	289986	I0.44	+I.02	G0 III
94		I2.73	+0.74	F8	I34		I2.38	+0.45	
95		I2.67	+I.24		I35		I2.44	+0.68	F1 V
96		I2.56	+0.6I	F	I36		I2.I4	+0.53	F
97	287602	9.68	+0.35	A8 V	I37		I3.37	+0.78	
98		II.60	+0.52	F8 V	I38	289987	II.I0	+0.66	F9
99	3349I	8.58	+0.55	F8 V	I39		I2.32	+0.76	G
I00		I2.29	+0.68	F8	I40		I2.60	+0.90	
I0I		I2.87	+0.67		I4I	289989	I0.79	+0.84	K0 V
I02		I2.72	+I.I2	G	I42		I3.I3	+0.84	
I03	289985	I0.30	+I.04	G8	I43		I2.67	+0.90	F - G
I04		I2.42	+0.44	F5 V	I44		I2.65	+I.22	G
I05	289984	I0.I2	+0.73	G0	I45	290064	9.75	+0.48	F6 V
I06		I0.57	+I.35	K0 III	I46		I2.78	+I.28	
I07		I2.85	+0.76		I47		I2.96	+I.I7	
I08		I2.67	+I.3I	G	I48		I3.23	+0.42	
I09		I2.99	+0.63		I49	33692	8.I3	+0.32	F0 V
II0		I2.93	+0.68		I50		I3.60	+0.74	
III		I2.I0	+I.54		I5I	290049	I0.75	+I.06	G5 III
II2		I2.3I	+0.57	F3	I52		II.4I	+0.63	G0
II3		I2.72	+I.I4		I53		I2.87	+0.56	
II4		II.95	+0.59	F8 V	I54		I2.52	+I.27	K
II5		I2.68	+0.53	F	I55		I2.7I	+0.37	F
II6	287594	II.46	+0.2I	A4	I56		I2.92	+0.69	
II7		I2.02	+0.78	F7	I57		I2.02	+0.57	F9 V
II8		II.83	+I.05	K0	I58		I2.42	+0.50	F7
II9	33646	5.88	+0.66	F5	I59		I3.I9	+0.70	
I20		I2.86	+0.70		I60		II.80	+0.85	G5

0^{o} - $+1^{o}$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
161		12.47	+0.60	G	201		13.50	+0.34	
162		12.38	+0.50	F5 V	202		13.62	+1.07	
163		12.28	+1.42	K0	203		12.79	+0.67	
164		12.12	+0.68	F8	204		12.05	+0.93	
165		11.92	+0.78	F9	205		11.85	+0.50	F0 V
166	290050	11.13	+0.58	F8 V	206		11.85	+0.81	K0
167		12.30	+1.16	G	207	290052	11.17	+0.53	F0 V
168		11.80	+0.50	F5 V	208	290051	9.84	+0.82	G8 V
169		12.16	+0.75	G8	209		12.43	+1.05	G3
170		12.09	+0.58		210		12.77	+0.68	F
171		12.86	+0.64		211		12.21	+0.46	F6 V
172	290060	11.24	+0.41	F0 V	212		12.16	+1.05	K
173	290059	10.63	+1.00	G0	213		12.55	+0.63	
174		12.77	+1.03		214		12.31	+0.53	
175		12.91	+1.12		215		12.21	+1.65	K
176		12.48	+0.76		216	33946	6.31	+1.46	M0 V
177	290058	9.12	+1.04	G9	217		13.32	+0.54	
178		13.09	+0.99		218		14.07	+0.46	
179		12.88	+0.84		219		12.48	+0.56	G0
180		13.74	+0.54		220		11.97	+0.60	F8 V
181		12.88	+0.58		221		12.08	+0.86	K0
182	290065	10.16	+0.41	F0 V	222		12.45	+0.69	G
183	290066	10.75	+0.66	F5	223		12.93	+1.91	
184		13.07	+0.53		224		13.60	+0.22	
185		12.75	+0.52	G	225		12.47	+0.33	
186		13.29	+1.14		226		13.09	+0.53	
187		12.24	+1.02	G	227		12.81	+0.56	
188		11.99	+0.77	G0	228		11.60	+0.40	F0 V
189		11.91	+0.72	F9	229		13.40	+0.80	
190		13.13	+1.36		230		13.02	+0.83	
191		12.22	+1.10	K	231		12.96	+0.31	
192		11.82	+0.44	F	232		13.53	+0.65	
193		12.62	+0.45	F	233		11.31	+1.05	G9
194		13.09	+0.22		234		12.02	+0.53	
195	290056	10.33	+0.44	F3 V	235		11.34	+1.26	K2
196	290057	10.28	+0.60	F7 V	236		12.18	+0.16	
197		13.26	+0.56		237	290055	9.92	+0.37	F0 V
198	33867	8.81	+0.81	G5	238		13.78	+0.54	
199		12.66	+1.01		239		11.72	+1.17	K0
200		12.44	+0.51	F8 V	240		12.60	+0.68	F8

0^{o} - $+1^{o}$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
241	290054	9.86	+1.30	K2 III	281		11.38	+0.80	G5
242	290053	9.82	+1.14	K5 V	282		12.88	+0.70	F
243		12.68	+0.58	F3	283		12.61	+0.80	G
244		11.91	+1.33		284		11.80	+0.35	A7 V
245		11.95	+1.34		285		11.59	+0.62	F9
246		11.61	+1.13	K0	286		13.43	+0.84	
247	287648	11.20	+0.31	A6 V	287		13.05	+1.01	
248	287649	10.63	+0.44	F6 V	288		13.29	+0.60	
249	34163	9.00	+0.08	B8 V	289		12.97	+1.36	
250		12.82	+1.11		290		12.76	+0.71	F
251		11.37	+0.94	G6	291	290127	9.63	+0.23	A2 V
252		12.80	+0.54		292		13.08	+0.68	
253		12.82	+0.75		293		13.23	+0.39	
254		12.25	+0.66	F0 V	294		12.89	+0.88	
255		12.18	+0.38	F1	295		13.76	+0.54	
256		12.20	+0.61	F3	296		11.59	+0.62	F0 V
257		12.32	+0.37	F2	297		12.70	+1.97	
258	34100	9.27	+0.02	B8 V	298		12.41	+0.70	G
259		10.54	+1.06	G8 III	299		12.30	+0.77	F9
260		12.17	+1.22	G0	300	290123	9.66	+0.32	F2 V
261	34194	8.42	+0.15	A5 V	301		12.24	+1.86	
262		12.09	+1.01	G	302		12.45	+0.86	F8
263		13.79	+0.39	F	303	290124	10.54	+0.28	F0 V
264		12.13	+1.37	G	304	290121	11.10	+0.56	F0
265	290126	10.35	+1.12	K0	305		12.84	+0.87	
266		13.11	+0.38		306		12.43	+0.70	G5
267		12.34	+0.83	F8	307		12.87	+0.92	
268	287651	9.44	+0.41	F5 V	308		11.92	+0.72	G0 V
269		12.35	+0.52	F8	309	290117	10.75	+0.66	G4 V
270	287650	10.76	+0.91	G0	310	290118	11.74	+0.45	F5 V
271		12.62	+0.49	F3	311		12.22	+0.45	F8
272		12.27	+0.51	F6	312		11.76	+0.40	F0
273		11.80	+0.59	F8	313	290119	10.52	+0.37	A7 V
274		12.47	+0.31	A8	314		12.06	+1.78	M0
275		12.44	+0.73	F2	315		11.05	+1.05	G5 III
276		12.04	+0.47	F1 V	316		12.43	+0.79	G
277		10.77	+1.62	K3 III	317		12.54	+0.28	
278		11.93	+0.54	F9 V	318		11.48	+1.00	G6 III
279		11.88	+0.68	G0 V	319		11.83	+0.85	G3
280		12.26	+0.58	F9	320		12.28	+0.50	F8

$0^0 - +1^0$

No.	HD,HDE	V	B-V	Sp
321		12.60	+0.62	A8 V
322		11.99	+1.85	K
323		11.65	+1.03	K0
324		12.38	+0.77	G
325		11.66	+0.87	G0
326		11.57	+1.00	F9
327	290122	10.86	+0.67	F4 III
328		12.61	+0.70	F - G
329		12.68	+1.23	G
330		12.82	+0.71	
331		12.48	+0.91	G0
332		11.69	+0.69	F8 V
333		12.08	+0.55	F6 V
334		13.18	+0.41	
335		12.05	+0.63	F9
336		12.53	+0.76	F - G
337	287700	10.87	+1.29	K0 III
338		13.11	+0.71	
339		12.49	+0.55	G5
340	290190	11.30	+0.59	G0 V
341		13.21	+0.47	
342		11.89	+0.63	F9 V
343		12.34	+0.60	
344		11.78	+1.35	
345		11.49	+1.41	K0 III
346		11.78	+0.82	G2
347		12.56	+0.95	K
348		12.63	+0.71	F
349		12.07	+1.52	K
350	290203	9.82	+0.36	A7 IV
351		13.31	+0.85	
352		12.50	+1.09	K
353	290196	10.12	+1.52	K0
354		12.34	+0.90	F9
355	290195	10.37	+1.31	K0 III
356		12.54	+0.58	F8
357		12.68	+0.59	F5
358		12.30	+0.67	F3
359	34550	7.70	+0.25	A8 V
360		12.83	+0.57	F
361	290192	11.38	+0.38	A1 V
362		11.58	+0.66	F - G
363		13.08	+1.27	
364		12.10	+0.79	F8
365		12.31	+1.45	K
366	287702	9.85	+0.60	F8 V
367	287701	10.13	+0.96	G8
368		12.59	+1.20	K
369		12.24	+0.76	G2
370		12.96	+1.23	
371	287698	10.84	+0.56	G0 V
372		11.89	+0.63	F1
373		12.60	+0.62	F8
374		11.59	+0.72	F8 V
375		12.74	+0.91	G - K
376		13.11	+0.53	
377		12.68	+1.12	K2
378		12.92	+0.84	
379		12.61	+1.88	
380		12.42	+1.22	
381	290193	11.63	+0.33	B8 V
382		12.85	+0.58	
383	290383	11.02	+0.43	F0 V
384		12.88	+0.87	
385		12.22	+1.08	G0
386	34637	9.33	+0.10	B9 V
387		12.52	+1.44	K
388		13.59	+0.33	
389		12.91	+0.56	
390	290197	9.25	+1.28	M
391	290198	10.17	+0.32	A5 V
392		12.17	+0.56	A5 V
393		12.48	+1.53	K
394	34733	8.86	+0.11	A0 V
395	287747	10.56	+0.48	F0 V
396		12.65	+0.48	A8
397	287748	9.53	+0.53	F5 V
398		12.64	+0.76	F
399		11.86	+0.89	G0
400		12.67	+0.67	

$0^0 - +1^0$

No.	HD,HDE	V	B-V	Sp
401		12.36	+0.67	F8
402	287751	10.96	+0.29	A2 V
403	34908	9.10	+0.19	A1 V
404	287750	9.16	+1.19	K0 IV
405		12.69	+0.56	F
406		13.10	+1.12	
407	287749	10.19	+0.26	A8 V
408		11.88	+1.05	G8
409	290185	10.84	+0.48	A6
410	290189	11.17	+0.44	A2 V
411		12.77	+1.38	G
412	290188	11.40	+0.74	F4
413		12.68	+0.66	F8
414	290186	11.52	+0.59	F0
415	290187	11.64	+0.43	F0
416	34879	8.75	+0.37	F1 V
417		11.25	+1.68	K5
418	290265	10.78	+0.38	A0 V
419		12.18	+1.32	K0
420		11.17	+1.32	K5
421	290266	10.76	+0.55	A7 V
422	290267	10.68	+0.61	F8 V
423		11.11	+1.51	K0
424	290277	10.45	+1.17	K0 III
425		12.52	+0.64	G
426	290278	10.69	+0.38	A2 V
427	290280	8.85	+1.28	G0 :
428	290279	10.48	+1.14	
429	35135	8.37	+0.07	B8 V
430	35152	8.82	+1.11	K5 V

$0^0 - -1^0$

No.	HD,HDE	V	B-V	Sp
1		8.29	+1.20	M0
2		13.16	+0.93	
3	289953	10.19	+0.54	A9 III
4		11.70	+0.84	K0 V
5	289952	11.05	+0.43	F2 V
6		12.19	+0.54	F8 V
7		13.76	+0.82	
8	33124	9.03	+0.32	F0 V
9		12.54	+0.94	G8
10		13.53	+0.35	
11		13.24	+1.33	
12		13.02	+0.64	
13		13.75	+1.09	
14		13.72	+1.22	
15		12.20	+0.92	K0
16		12.02	+1.09	K2
17		12.53	+0.34	F6
18		13.3[illegible]	+0.33	
19	289936	10.78	+0.59	F0 V
20	289935	10.77	+0.51	F2 V
21	289934	11.25	+0.54	F5 V
22		12.87	+0.33	
23		12.62	+0.75	
24		12.89	+0.56	
25	289994	9.85	+1.14	K2 IV
26		12.20	+0.75	
27	289993	10.81	+0.64	F6 III
28		11.99	+1.35	
29		13.32	+0.52	
30		13.15	+0.76	
31		13.55	+0.35	
32		13.33	+0.57	
33		13.30	+0.48	
34	289996	10.69	+0.80	K0 V
35		13.07	+1.64	
36	290011	10.22	+0.58	G0 V
37		12.22	+0.54	F8 V
38		12.82	+1.06	
39		10.18	+0.42	F2 IV
40	290012	10.90	+0.78	G8 V

$0^0 - -1^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
41		12.69	+0.52	F6	81		12.35	+0.92	G
42	290013	10.38	+0.52	F7 V	82		12.50	+1.13	G-K
43		11.25	+0.88	G5	83		12.56	+0.45	F5
44		11.82	+0.55	F8	84	289999	10.61	+0.54	F6 V
45		13.15	+0.56		85		12.37	+0.49	F8
46		12.61	+0.72	G8	86		11.69	+0.97	K0
47		13.58	+0.22		87	289998	11.47	+0.39	F8
48		13.87	+0.77		88		13.10	+0.54	
49		12.70	+0.70	F8	89		12.87	+0.36	
50		12.43	+1.04	K2	90	290001	10.74	+0.70	G5 V
51		13.08	+0.61		91		13.18	+0.37	
52		11.30	+1.28	K0 III	92		11.99	+0.68	G0 V
53		11.59	+0.43	F2 V	93		11.99	+0.48	F6 V
54		12.20	+0.37	A8 V	94		11.73	+0.92	K0
55	290014	10.79	+0.41	F2 V	95		11.52	+0.70	G6 V
56	290009	8.56	+1.04	K2 IV	96		11.32	+0.84	G5
57		13.20	+0.72		97		13.05	+1.17	
58		12.09	+0.62	F9	98		13.08	+0.50	
59		12.78	+0.29		99		12.43	+0.57	F8
60	290008	10.50	+0.54	F5 V	100	289991	11.09	+0.38	F0
61	33419	6.09	+1.10	K0 III	101		12.10	+0.49	F1
62		11.70	+1.18	K2	102	289990	11.27	+0.51	F5 V
63		12.01	+0.62	F4	103		11.65	+0.80	G8 V
64		12.45	+1.12	K0	104		12.54	+0.19	A2
65		12.63	+0.21		105	290001	10.53	+0.57	F6
66		12.39	+0.92	K0	106	290002	11.19	+0.17	A2 V
67	289997	10.02	+0.04	B8 V	107		12.87	+0.56	
68		13.72	+1.60		108		12.63	+0.35	F2
69		12.23	+0.37	F3	109		13.02	+0.84	
70		12.30	+0.57	F8 V	110		13.36	+0.46	
71		12.37	+0.63		111	290006	10.74	+0.28	A2 V
72		12.76	+0.66		112	290016	10.98	+0.58	F8 V
73		12.81	+0.69		113		13.22	+0.29	
74		12.84	+1.05		114		12.71	+1.20	K
75		12.86	+0.96		115		12.42	+0.21	
76	289992	8.82	+1.12	K5 V	116	290017	8.87	+1.49	M0
77		12.83	+0.81		117		12.92	+0.51	
78		13.17	+0.57	F0	118	290005	8.90	+0.64	G5 V
79	33506	8.23	+0.43	F0 III	119	290004	11.22	+0.52	F6 V
80		11.13	+0.52	F0 V	120	290003	11.50	+0.43	F3 V

$0^0 - -1^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
121		11.91	+0.56	G0 V	161		12.53	+0.65	G0
122		12.78	+0.76		162	290084	10.54	+0.66	G2 V
123		12.32	+0.96		163		10.60	+0.38	F5
124		12.08	+0.91	G5	164		11.90	+0.32	F0
125		11.57	+0.21	A2 V	165		11.60	+0.95	K0
126		12.52	+0.26		166	290076	10.16	+1.50	M0
127	290067	10.65	+0.72	G5 V	167		12.16	+0.51	F8 V
128	33779	7.23	+0.45	F5 V	168		11.87	+1.11	K2
129		11.67	+0.37	F0 V	169		12.74	+0.56	F8
130		13.58	+0.39		170		13.37	+0.42	
131	290069	11.57	+0.68	G2 V	171		13.13	+0.29	
132	33831	8.01	+0.02	A0 V	172	290077	10.21	+0.57	F5 V
133		13.07	+0.58		173	290079	11.06	+0.68	G5 V
134		12.80	+0.78		174	290078	10.45	+0.40	F3 V
135	290070	10.79	+0.91	K2 V	175		13.60	+1.22	
136		12.29	+0.90	K0	176		13.69	+0.21	
137	290080	10.09	+0.65	G2 V	177	290071	10.95	+0.49	F5 V
138		12.70	+0.54	F8 V	178		12.69	+0.60	G0
139		12.11	+0.33	F	179		13.85	+0.63	
140	290081	10.08	+0.98	K0	180		12.12	+0.62	G2
141		11.24	+0.97	K2	181		12.06	+0.77	F8
142	33752	8.84	+0.10	A0 V	182		12.89	+0.14	
143		12.74	+0.59	G	183		12.12	+0.94	G0
144		11.42	+0.73	G8	184		12.72	+0.74	F8 V
145	290082	10.76	+0.69	G5 V	185		13.21	+0.83	
146		11.37	+0.46		186	290073	10.54	+0.22	A2 V
147		11.63	+0.50	F8 V	187	290072	11.07	+0.82	K0 V
148		11.87	+0.19	A8	188		12.87	+0.20	
149		11.66	+0.93	K0	189		13.00	+0.31	
150		12.50	+0.58	F8	190		12.30	+0.56	G0
151		11.58	+0.36	F0	191		12.07	+1.60	K6
152		13.14	+0.46		192		11.60	+0.81	K0 V
153		11.00	+1.25	K5	193	34055	6.67	+1.57	M6 V
154		13.54	+0.56		194		11.65	+0.38	F0 V
155		12.63	+0.75		195		12.07	+0.82	G5
156		11.37	+0.71	G5 V	196		12.86	+1.36	K
157	33941	8.07	+0.31	F0 V	197		12.29	+1.01	G
158		13.09	+1.07		198		13.69	+0.43	
159	290086	9.51	+0.37	F2 V	199		12.99	+0.54	
160		11.77	+0.57	F8	200		12.67	+0.76	

0^{o} - -1^{o}

No.	HD,HDE	V	B-V	Sp
201		12.42	+0.61	G0
202		12.31	+0.32	A3 V
203		11.17	+0.81	K0 V
204		11.05	+0.18	A2 V
205	290075	11.15	+0.89	G8
206		13.03	+0.51	
207		13.27	+0.56	
208	290074	9.55	+0.70	G9 V
209		13.28	+0.49	
210		11.85	+0.38	F5 V
211		11.88	+0.18	
212		12.97	+0.28	
213		13.20	+0.51	
214		12.38	+0.16	
215		12.33	+0.42	A5 V
216		12.52	+0.37	F
217	290137	11.02	+0.21	A1 V
218	34178	8.07	-0.03	B8 V
219	290136	9.06	+0.95	K2 V
220		13.23	+0.93	
221	290138	10.68	+0.35	A7 V
222		12.15	+1.03	G5 - K
223		13.33	+0.30	
224	290139	9.77	+0.42	F0 IV
225		11.98	+0.56	G0
226	290140	10.17	+0.34	A9 V
227	290141	11.14	+0.38	F3 V
228		12.43	+0.73	G5
229		12.62	+0.54	F8
230	290142	11.61	+0.37	A8 V
231		12.79	+0.34	
232		12.95	+0.37	
233		11.32	+0.84	F9
234		13.26	+0.70	
235		12.57	+0.68	F8
236	290148	11.10	+0.58	F8 V
237		11.80	+0.79	G8 V
238		12.93	+1.05	
239		12.53	+0.51	F8
240		11.32	+1.01	G8
241		12.29	+1.23	G8
242		11.51	+0.81	K0 V
243		12.76	+0.36	F
244		11.78	+0.55	F8 V
245		12.00	+0.46	F6
246		12.67	+0.85	G5
247		12.72	+0.97	G
248		12.36	+0.55	F8
249	290150	10.21	+1.15	K0 III
250		13.67	+0.33	
251	290149	10.82	+0.66	G0 V
252		11.80	+0.35	F0 V
253		12.30	+0.54	F8
254		13.08	+0.07	
255		13.70	+0.44	
256		13.83	+0.47	
257		12.54	+0.93	K0
258		10.63	+1.06	K2
259		13.06	+0.40	
260		13.04	+0.03	
261		12.01	+0.79	G8
262		13.69	+0.58	
263		12.68	+0.23	A3
264		12.43	+0.58	F9 V
265		12.33	+1.05	G5
266	290128	10.92	+0.78	G8
267		12.65	+0.17	
268		11.73	+0.60	F8
269		12.75	+0.09	
270		12.96	+0.51	
271		13.65	+0.24	
272	290133	11.21	+0.95	K0
273		12.02	+0.64	F9
274	290134	10.41	+0.70	G6 V
275	34306	8.41	+1.08	K2 IV
276		12.17	+0.36	A5 V
277		11.59	+0.68	F2
278	290143	9.78	+0.94	K2 V
279	290144	10.46	+0.57	G0 V
280		11.40	+0.71	G1

0^{o} - -1^{o}

No.	HD,HDE	V	B-V	Sp
281		13.50	+0.82	
282		13.02	+1.26	
283		11.63	+0.43	F5 V
284	290145	10.86	+0.11	B9 V
285		12.64	+0.10	
286		12.69	+0.57	F9
287	290151	10.34	+1.03	K0
288		13.30	+1.42	
289		12.34	+0.61	F6
290		10.79	+0.69	G0
291		12.52	+0.90	G0
292	34264	8.90	+0.68	G5 V
293		10.32	+0.94	G8
294		13.00	+0.61	
295	290160	10.64	+0.83	G5
296	290159	9.37	+0.28	A6 V
297		12.90	+0.03	
298		12.53	+0.81	
299	34341	8.58	+0.04	B9 V
300		12.60	+1.06	K
301		13.42	+0.30	
302	290156	10.13	+1.08	G9
303		12.33	+1.14	K
304	290153	10.54	+1.15	G5 III
305		12.40	+0.58	F8
306		12.64	+0.75	G0
307		12.18	+0.53	G0
308		12.29	+0.75	G5
309		12.70	+0.15	
310		12.88	+0.34	
311		12.32	+0.69	G2
312		12.98	+0.70	
313	34480	9.07	+0.11	A1 V
313a		12.90	+0.27	
314	34446	8.42	+0.92	G8
315	344I6	9.62	+0.19	B9 V
316	290131	10.61	+0.29	A9 V
317		12.73	+0.38	F
318		11.78	+0.52	F0
319	290129	11.56	+0.41	A4 V
320	290130	10.49	+0.74	G0
321		12.74	+0.47	F5
322	345II	7.35	-0.11	B5 V
323		11.50	+0.47	F6 V
324		13.38	+0.37	
325		12.77	+0.31	
326		12.66	+0.54	F8
327		13.21	+0.46	
328	34502	9.24	+0.05	B9 V
329		12.21	+0.82	G5
330	290223	11.70	+0.07	A4
331	290222	11.50	+0.14	A2
332		13.60	+0.54	
333		10.91	+0.46	F5 V
334	290225	10.42	+0.87	K0 V
335		12.28	+0.50	F8 V
336		12.62	+0.44	F5
337		13.30	+0.52	
338		12.23	+1.02	G7
339		13.12	+0.55	
340		13.41	+1.11	
341		11.42	+1.02	G2 III
342		11.24	+1.04	G7 III
343		11.70	+0.62	F8
344		13.05	+0.43	
345	290221	11.22	+0.23	A1 V
346		11.96	+1.49	K5
347		12.58	+0.57	F9
348		13.19	+0.87	
349		11.43	+0.69	F8
350		13.02	+0.41	
351		13.47	+0.19	
352	290204	10.53	+1.02	K0
353		13.23	+0.35	
354		12.39	+0.72	G0
355		12.72	+0.73	G8
356		12.87	+0.53	
357		11.62	+1.80	K
358		12.50	+0.75	G8
359		12.78	+0.95	
360	290206	10.80	+0.84	K0 V

$0^0 - -1^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
361	290208	11.76	+0.21	A2 V	401		13.45	+1.17	
362	290207	10.35	+1.14	K0 III	402	290214	10.76	+1.22	G8 III
363		13.19	+0.74		403		12.11	+0.70	G8
364		13.64	+1.13		404		13.26	+1.05	
365		13.44	+1.20		405		11.33	+1.31	G5
366		13.04	+0.99		406		12.29	+1.13	G0
367	290218	11.66	+0.59	F7	407		13.55	+0.73	
368		13.41	+0.67		408	290304	11.02	+0.68	F9 III
369	290219	9.66	+1.38	K3 III	409		11.69	+0.92	K0 V
370	290216	9.03	+0.91	K0	410		13.68	+0.71	
371		12.01	+0.69	G0	411		11.90	+0.92	K0 V
372		10.91	+0.36	F2 V	412	290215	10.45	+0.81	G8 V
373		12.16	+0.49	F6	413		12.08	+1.00	G0
374	290227	11.85	+0.35	A8 V	414		11.94	+0.26	A6 V
375		12.76	+0.45	F5	415		12.37	+0.43	A8 V
376		13.32	+1.11		416	290295	10.08	+1.02	G8 III
377		12.06	+0.38	F0	417		13.11	+0.62	
378		12.48	+0.74	G0	418		12.37	+0.71	F8
379		11.13	+1.15	G7	419		12.82	+0.76	
380	290217	10.27	+1.06	G8 III	420		13.47	+0.89	
381		13.10	+0.53		421		12.10	+0.47	F6
382	290212	10.57	+0.52	F0 V	422	290209	10.22	+1.19	K0 III
383		11.48	+0.87	G9	423	290294	11.39	+0.58	F5 V
384		13.36	+0.32		424	290277	12.14	+0.61	G0
385		12.95	+0.87		425	290201	11.32	+0.82	G2
386		12.48	+0.62	F9	426	290278	12.07	+1.06	G0
387		12.38	+1.00	F8	427	290276	11.25	+1.08	G9
388		12.91	+0.40		428		13.32	+1.38	
389		12.91	+0.51		429	290293	11.62	+0.57	F2 V
390	290202	10.85	+0.61	F8 V	430		12.51	+0.45	F6
391		13.73	+0.48		431	290292	10.29	+0.78	G3 V
392		13.26	+1.06		432		13.19	+0.69	
393	290210	10.58	+0.69	G0 V	433	290291	9.82	+1.29	K2 III
394		11.61	+1.70	K3 III	434		11.89	+1.09	G5 III
395		11.94	+0.65	F7	435		12.85	+1.00	
396		12.25	+0.96	G0	436		13.46	+1.06	
397	290211	11.15	+0.72	G5 V	437		12.85	+0.66	
398		11.87	+1.53	K	438	35039	4.73	-0.16	B2 V
399	290213	11.09	+1.41	K0	439	35007	5.67	-0.14	B3 V
400		12.19	+1.24	K0	440	290301	10.78	+0.69	G6 V

$0^0 - -1^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
441	290302	9.38	+0.32	A4 V	471		13.31	+0.47	
442		12.65	+0.42	A5 V	472		11.53	+0.97	G7 III
443	290303	10.90	+0.76	G8 V	473	290297	10.69	+0.99	K0
444		12.50	+0.88	G0	474		12.33	+0.35	A6 V
445		12.30	+1.27	K0	475		11.74	+0.87	G0
446	290305	11.44	+0.78	G8 V	476		12.02	+0.43	
447		13.47	+0.56		477		11.54	+0.89	G0
448	290304	11.65	+0.53	F8 V	478		12.34	+0.66	G
449		12.62	+0.99	G	479	290299	10.81	+0.64	F9 V
450		12.97	+0.33		480		10.90	+1.14	G8 III
451		13.02	+0.56		481		12.35	+0.51	F8
452		10.87	+0.48	F5 V	482		12.25	+1.15	F8
453		12.37	+0.73	G8	483	290363	11.29	+1.24	G8
454		13.53	+0.80		484		12.30	+0.24	B9 V
455	290290	11.39	+0.77	G5 V	485		11.65	+0.54	F9 V
456		12.18	+1.03	G - K	486		11.33	+1.69	M0
457		13.05	+0.59		487		11.19	+0.65	F9
458		13.26	+0.40		488	290378	9.07	+0.39	F0 V
459		13.27	+1.08		489	35517	6.10	+0.51	F5
460		10.32	+0.38	A6 V	490	35410	5.06	+0.96	K0 III
461	290295	8.84	+1.83	M4	491		10.57	+1.11	K0 III
462		13.12	+1.36		492	35456	8.28	+1.08	G8
463		12.97	+0.88		493		12.60	+1.42	K
464		13.19	+0.36		494		11.89	+0.62	F0
465		11.65	+1.19	K0 III	495		12.84	+0.85	
466		13.71	+1.11		496		11.29	+1.45	K5
467	290287	11.42	+0.66	F9					
468	290288	11.32	+0.56	F4					
469		11.92	+0.37	A6 V					
470		12.84	+0.66						

$-1^0 - -2^0$

No.	HD,HDE	V	B-V	Sp
I		I3.32	+0.82	
2		I3.3I	+I.I4	
3		I2.97	+0.45	
4		I3.I5	+0.73	
5		I3.I0	+0.77	
6		I2.83	+0.47	
7		II.58	+0.88	G5
8	289964	I0.9I	+0.95	G9
9		I3.70	+0.56	
I0		I2.74	+0.83	
II		I2.26	+0.59	F8
I2		I3.79	+I.06	
I3		I3.50	+I.33	
I4		I3.0I	+I.02	
I5		I3.28	+0.78	
I6		I3.35	+0.87	
I7		I0.87	+I.06	G5 III
I8		II.03	+0.84	K0 V
I9	289962	9.48	+I.09	K0
20		I3.04	+0.37	
2I		I0.42	+0.92	K0 V
22		I2.37	+0.48	F
23	289963	9.I3	+0.85	K0 IV
24		I2.93	+0.63	
25		I2.08	+0.58	G0
26		II.05	+0.92	G5
27	289957	II.03	+0.56	F1
28		I3.75	+0.78	
29		I2.7I	+0.78	F
30		I2.03	+I.I6	K0
3I		I3.56	+I.I9	
32		I3.00	+0.27	
33		I2.I4	+0.54	F9
34		II.89	+I.0I	K0
35		I2.44	+0.52	G0
36		I2.3I	+0.47	A6 V
37	289958	I0.55	+I.02	G5 III
38		I2.72	+0.70	F5
39		II.I6	+0.94	G8
40	289960	I0.0I	+0.68	G5 V
4I		II.63	+0.88	G0 III
42		II.65	+0.49	F5 V
43		I2.54	+0.66	F8
44		I3.I0	+I.03	
45		II.5I	+0.32	F0 V
46		I2.28	+0.52	F6
47		I2.54	+I.04	K0
48		I2.63	+0.60	F8
49		I2.76	+0.84	F
50	289967	I0.55	+0.54	F0
5I		I3.0I	+0.64	
52		I2.60	+0.50	F
53		I2.03	+0.39	F2
54		I2.29	+0.75	G0
55		II.I6	+0.89	G5
56	33272	9.47	+0.06	B8 V
57		II.70	+0.54	A8 V
58		I3.00	+0.72	
59		I2.67	+0.90	F
60		II.63	+0.56	F9 V
6I	33204	8.70	+I.I4	K2 IV
62		II.4I	+0.55	F2 V
63		I2.74	+0.6I	F7
64		I2.22	+0.6I	F9
65	289961	9.88	+0.53	G0 V
66		I3.I7	+0.74	
67		I2.64	+0.74	G0
68		I2.42	+0.5I	F5
69		I2.06	+0.82	K0
70		I2.85	+0.67	
7I	289959	II.45	+0.44	A8 V
72		I2.85	+0.48	
73		I3.08	+0.35	
74		I3.34	+0.83	
75		I2.I2	+0.52	F8
76	33271	8.46	+I.I5	K0
77		I2.06	+0.93	
78	290955	II.32	+0.48	F6 V
79	290954	II.I0	+0.50	G0 V
80		I2.46	+0.30	F

$-1^0 - -2^0$

No.	HD,HDE	V	B-V	Sp
8I		I2.II	+0.35	F0
82		I3.43	+0.53	
83		I3.63	+0.77	
84		I3.I6	+I.07	
85		II.4I	+0.88	G8
86		I3.59	+0.58	
87		II.4I	+0.98	G7
88	33327	9.29	+0.07	A1 V
89		I3.34	+0.78	
90		II.76	+0.8I	G8
9I	290031	II.46	+0.54	F5
92		I3.04	+0.8I	
93	290033	II.I7	+0.58	F8 V
94		I3.55	+I.I7	
95		I2.70	+0.63	F8
96	290035	I0.83	+0.83	G5
97		I3.26	+0.47	
98	290034	9.89	+0.46	F2 V
99	290032	II.36	+0.63	F8 V
I00		I2.07	+0.39	A7 V
I0I		I3.37	+0.55	
I02	290030	I0.35	+0.82	K0 V
I03		II.34	+0.9I	G8
I04		I2.45	+0.95	F8
I05		I3.I6	+0.34	
I06		I2.62	+0.42	F5
I07		I2.73	+I.2I	G-K
I08	290021	I0.02	+0.2I	F2
I09	33429	7.73	+0.36	F2 V
II0		I2.39	+I.25	G0
III	290020	I0.04	+0.42	F6 V
II2		I2.58	+0.26	
II3		I2.I8	+0.37	A7 V
II4		II.99	+0.55	F8 V
II5		I2.52	+0.52	F8
II6	290019	I0.70	+0.85	K0 V
II7		I2.5I	+0.99	G0
II8		I3.62	+0.39	
II9		II.76	+0.94	G2
I20	33492	8.22	+I.2I	K2 III
I2I		II.58	+0.37	F2 V
I22		I2.75	+0.88	G
I23		II.4I	+0.3I	A8 V
I24	290029	II.4I	+0.30	A8 V
I25		I2.80	+0.75	
I26		I3.22	+0.66	
I27		I3.47	+0.54	
I28	290027	II.33	+0.58	G0 V
I29		I3.I3	+0.6I	
I30		II.59	+0.96	G8
I3I		I2.06	+0.98	F8
I32	33450	8.36	+0.9I	G8 IV
I33		II.24	+I.62	K6
I34	33546	7.80	-0.03	B8 V
I35		I2.2I	+0.49	F6
I36		I2.25	+0.57	F8 V
I37	290038	9.45	+I.05	K3 IV
I38	290037	I0.52	+0.22	A3 V
I39		I2.88	+0.39	
I40		I2.93	+0.53	
I4I		I2.80	+0.6I	
I42		I3.49	+0.67	
I43		I2.85	+0.63	
I44		I3.08	+I.05	
I45	290026	II.05	+0.82	G5
I46		I2.79	+I.I3	
I47		I2.92	+0.26	
I48		I2.36	+I.I2	K2
I49	33637	9.70	+0.I5	A3 V
I50	290018	II.56	+0.34	F0 V
I5I	290088	8.87	+I.I5	K5 V
I52		I2.63	+0.74	G
I53		I2.73	+0.52	F
I54		II.3I	+0.84	G8
I55		I2.85	+0.39	
I56		I2.89	+I.42	
I57		II.88	+0.35	F2
I58		I2.24	+0.44	F2
I59		II.36	+I.00	G3 III
I60		I2.70	+0.74	G

$-1^0 - -2^0$

No.	HD,HDE	V	B-V	Sp
I6I	290090	II.I3	+0.69	GO
I62	290089	I0.94	+0.45	F6 V
I63		I3.I5	+0.78	
I64	290023	I0.I7	+0.84	KO V
I65		I3.30	+0.82	
I66		I3.63	+0.43	
I67		II.73	+0.89	
I68	290091	9.75	+0.38	FO V
I69		II.75	+0.68	F9
I70	290092	I0.29	+0.96	KO
I7I		I2.97	+0.65	
I72		I3.04	+0.5I	
I73		II.86	+0.49	F7
I74		I0.77	+I.53	K5
I75		II.5I	+0.62	GO V
I76		II.99	+I.26	G8
I76a	338I9	9.38	+0.07	AO V
I77	33788	8.85	+0.98	KO IV
I78		II.56	+0.54	F8 V
I79		I2.5I	+0.55	
I80		II.97	+0.3I	FO
I8I		I2.70	+0.53	F8
I82		I3.36	+0.44	
I83		II.54	+0.62	F9
I84		I3.34	+0.54	
I85		I3.20	+0.46	
I86		I2.86	+0.76	
I87		I2.57	+0.55	F8
I88	33753	8.94	+0.32	FO V
I89		II.9I	+0.38	A7 V
I90		I2.I8	+I.27	G5 :
I9I		I2.74	+0.55	
I92	290I09	9.75	+0.56	F8 V
I93		II.74	+0.65	G2 V
I94		I3.I3	+I.I7	
I95		I2.I0	+0.79	F8
I96		II.94	+I.03	K2
I97		I3.I8	+0.86	
I98	290I04	9.0I	+0.90	KO V
I99		I2.95	+I.I0	
200		I2.I9	+I.I9	K
20I		I2.47	+0.34	F2
202		I2.33	+0.73	GO
203		I2.34	+0.82	F7
204		II.II	+I.04	KO
205		I2.94	+I.I3	
206		I2.32	+0.5I	F8
207		I2.3I	+0.29	
208		I2.79	+0.49	
209		I2.I0	+0.62	F9
2I0	290094	9.93	+0.3I	A8 V
2II		I2.79	+0.73	F
2I2	290093	II.24	+0.30	FO V
2I3		I2.80	+0.29	
2I4		I2.33	+I.4I	K
2I5		I2.68	+I.69	K5
2I6		I3.03	+0.49	
2I7	290095	II.46	+0.49	F2
2I8		I2.43	+0.84	G5
2I9		I3.38	+I.I6	
220	290096	I0.65	+I.63	K5
22I		I3.I9	+0.38	
222		II.20	+0.38	FO V
223		I3.I9	+0.47	
224		I3.46	+0.88	
225	290099	II.43	+0.46	FO V
226		II.66	+0.57	F8 V
227		I2.I6	+0.77	G5
228		II.99	+I.09	F8
229		I2.09	+0.55	F8
230		I2.68	+0.57	F
23I	290I02	II.7I	+0.I9	B9 V
232		II.60	+0.59	F9 V
233		II.84	+0.26	A8
234		II.90	+0.48	F6
235		I3.05	+0.98	
236	290I03	I0.39	+I.23	KO III
237		I3.0I	+0.72	
238		I3.04	+0.90	
239		I2.86	+0.73	
240		I2.6I	+I.2I	G

$-1^0 - -2^0$

No.	HD,HDE	V	B-V	Sp
24I		II.52	+I.00	G8
242		I3.59	+0.84	
243		II.99	+0.70	G
244	290II0	I0.72	+0.27	A7 V
245		I2.72	+0.32	F
246	290I79	9.87	+0.96	KO IV
247		I2.73	+0.69	F
248	290I78	I0.33	+0.58	GO V
249		I3.00	+I.I0	
250		II.50	+0.68	GO :
25I		I3.37	+0.55	
252		II.74	+I.55	KO
253		I2.02	+I.05	G
254	34I80	6.I4	+0.40	F2 V
255		II.3I	+0.97	GO III
256		I2.3I	+0.64	F9
257		I2.98	+I.08	
258		II.82	+0.47	F6 V
259		I2.92	+0.44	
260		I2.I5	+0.54	F8
26I	34238	8.76	+0.I8	A4 V
262	290I63	I0.45	+0.42	F3 V
263	290I62	I0.75	+0.37	F2 V
264		I2.43	+0.93	G5
265	290I6I	I0.75	+0.I8	A4 V
266		I2.39	+0.85	
267		I3.05	+0.86	
268		II.57	+0.57	F8 V
269		I2.35	+0.7I	F9
270		I2.93	+I.43	
27I		I2.0I	+0.9I	G5
272		I2.7I	+I.2I	G
273		I3.I0	+0.98	
274		I2.05	+0.67	F6
275	290I77	I0.56	+I.46	KO
276		I3.00	+0.20	
277		I2.97	+0.50	
278		II.95	+0.50	F6
279		I2.2I	+I.2I	KO
280		I2.09	+0.90	G5
28I		I3.07	+0.42	
282	290I73	II.75	+0.26	A2 V
283		I2.33	+0.57	F8
284		I3.27	+0.80	
285	34307	7.76	-0.06	B8 V
286		II.47	+0.64	G2
287		I2.63	+0.74	GO
288		I2.47	+0.53	F8
289		I2.II	+0.88	F8 :
290		II.58	+I.0I	G3 III
29I		II.78	+0.32	A8
292	290I67	9.53	+0.75	G5 V
293		I3.47	+0.67	
294		I2.I6	+I.I3	G - K
295	290I66	I0.84	+0.56	F8 V
296	290I65	I0.07	+0.40	FO V
297		I3.04	+0.53	
298		II.7I	+I.09	G9
299	290I64	I0.83	+I.05	G9
300		II.9I	+0.78	GO
30I		I3.2I	+I.33	
302		I2.54	+0.44	F5
303	290I58	II.0I	+0.85	G6
304		I3.06	+0.5I	
305		II.80	+I.38	K2
306	290I68	9.I0	+0.54	F9 V
307	290I69	I0.07	+0.28	A2 V
308		I2.02	+0.5I	F8
309	290I76	9.44	+0.37	A8 V
3I0	290I75	I0.00	+0.80	G8 V
3II		I2.44	+0.37	F
3I2		I2.90	+0.5I	
3I3		I2.29	+I.27	K2
3I4		I2.04	+0.88	G6
3I5	290I7I	I0.02	+0.68	G2 V
3I6	290I74	9.74	+0.63	GO V
3I7	290I70	I0.90	+0.73	G6 V
3I8		I2.I5	+0.33	F
3I9		I2.35	+0.9I	KO
320		I3.07	+0.50	

-1^{0} - -2^{0}

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
321		13.25	+1.18		361		12.57	+0.60	G
322		12.84	+0.70		362	290240	8.99	+0.16	B9 V
323		11.92	+0.96	G2 III	363		11.56	+0.46	F5 V
324		12.96	+0.22		364	290241	9.61	+0.59	F5 V
325		11.84	+1.04	K0	365		11.68	+0.52	F5
326		10.62	+1.37	K5	366	34748	6.31	-0.10	B2 V
327		11.88	+0.64	F8	367		13.55	+0.95	
328		12.20	+1.10	G5	368		13.19	+0.46	
329	290235	9.97	+0.21	A3 V	369	34764	7.24	+0.79	G9 V
330	34595	9.30	+0.06	B9 V	370		12.86	+1.08	
331		13.41	+0.43		371		12.70	+1.62	G
332	290237	9.69	+0.17	B9 V	372		13.48	+0.50	
333		13.05	+1.05		373		12.66	+0.50	F
334		12.47	+0.51	F8	374		11.16	+1.01	G2
335		13.32	+0.60		375		12.81	+1.07	
336		13.19	+0.46		376	290245	10.31	+0.57	F8 V
337	290246	10.44	+0.68	F9	377		12.98	+0.64	
338	290247	10.83	+0.98	G8	378		12.93	+0.71	
339		10.91	+1.53	K5	379		11.87	+0.46	F0 V
340	290248	11.18	+0.57	F8 V	380	290243	10.40	+0.28	A6 V
341	290349	10.50	+0.61	G0 V	381	290242	10.87	+0.55	F8 V
342		12.82	+0.69		382		12.58	+0.96	G
343		12.60	+0.94	F8	383	290238	10.26	+0.69	F6
344		13.00	+0.77		384		11.91	+0.26	A0
345		12.67	+0.74	G	385	290231	10.46	+0.83	G5
346	290260	10.16	+0.38	A6 V	386	290230	9.87	+0.23	A3 V
347		11.51	+1.28	K2	387		13.34	+0.72	
348		12.48	+1.47	K0	388		12.72	+0.56	F8
349		12.19	+0.39	F0 V	389		12.74	+0.24	
350		12.03	+0.96	K2	390		11.45	+0.57	G2 V
351		11.93	+0.56	F8	391		13.00	+0.35	
352		10.84	+0.62	F8 V	392		12.09	+0.36	F
353	34672	8.36	+0.04	B8 V	393		13.36	+0.30	
354		10.84	+1.52	K5	394	290232	10.36	+0.93	K0
355	290228	10.95	+0.91	G8	395		12.73	+0.36	F
356		12.10	+0.53	F5 V	396		12.79	+0.31	
357		12.40	+1.11	G5	397		12.42	+0.34	F
358	290229	11.20	+0.29	F0	398		12.05	+0.32	A3 V
359	290233	10.08	+0.95	G5 III	399		12.66	+0.39	
360		12.83	+1.23		400		11.52	+0.66	G0

-1^{0} - -2^{0}

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
401	290315	11.18	+0.56	G0 V	441		11.89	+1.18	K2
402	290316	10.49	+0.81	G7	442		11.45	+0.68	G2 V
403	290244	11.25	+0.48	F5 V	443		12.39	+0.50	F0
404		12.69	+0.69	F8	444	290312	10.59	+0.89	F8
405		13.07	+0.60		445		13.05	+0.84	
406		12.94	+2.09		446	290309	11.14	+0.23	A7
407	290319	10.08	+0.32	A6 V	447		13.34	+1.06	
408		13.16	+0.44	F	448	35153	8.99	+0.08	A0 V
409		12.93	+0.64		449		12.83	+0.61	
410		11.65	+0.42	A4 V	450		10.76	+0.49	F5 V
411	290318	11.31	+0.58	F5	451		12.24	+0.66	F2
412		12.63	+0.83	F	452	35271	7.84	-0.05	B8 V
413	35008	7.06	-0.08	B8 V	453	290379	8.66	+1.48	M3
414		11.86	+0.68	G2 V	454	290380	10.37	+0.67	F2
415		11.80	+0.53	F8 V	455		12.41	+0.51	F8
416		13.29	+1.26		456	290310	10.53	+0.26	A4 V
417		11.92	+1.06	G5 III	457		11.05	+1.59	K - M
418	290307	11.93	+0.44	F5	458	290381	9.79	+0.36	A8 V
419		12.59	+0.32	A - F	459	290384	10.46	+0.54	F0 V
420	290420	11.59	+0.78	F2	460	290385	8.38	+0.02	B8 V
421		12.73	+0.61	F	461		12.31	+0.61	A8 V
422		11.75	+0.96	G0 III	462		10.80	+1.46	K6
423		11.34	+1.10	K0	463		12.79	+1.35	
424		12.37	+0.90	G6	464		12.77	+0.97	G
425	290314	11.17	+0.79	G5	465		11.29	+1.09	G
426		12.18	+0.69	F8	466	290311	10.32	+0.49	F7 V
427	290313	11.22	+0.29	A0 V	467		12.23	+0.89	G0
428		12.19	+0.57	F2 V	468	290386	10.44	+0.34	A3 V
429		11.51	+0.64	F6					
430		12.54	+1.22	G					
431		12.23	+0.66	F6					
432		12.62	+1.22	G					
433		11.83	+0.94	G2					
434		11.87	+0.42	F0					
435	290320	10.66	+0.66	F7					
436		12.98	+1.81						
437	290321	11.11	+0.36	F0					
438		11.18	+0.83	G2					
439		13.29	+0.38						
440		12.77	+0.65	F6					

-2^0 - -3^0

No.	HD, HDE	V	B-V	Sp
1		13.07	+0.84	
2		13.45	+0.56	
3	293768	10.33	+0.54	F8 V
4		12.52	+0.68	
5	293758	10.73	+0.44	F2
6	293759	10.53	+1.19	G0
7		12.14	+0.33	
8	293760	9.91	+1.40	M0 V
9		10.99	+0.91	
10	293756	9.38	+0.71	F8
11	293757	10.83	+0.41	F2
12	293767	10.49	+0.62	G0 V
13		12.67	+0.68	
14		12.84	+0.96	
15		12.00	+0.23	A
16		12.90	+0.51	
17		11.94	+0.62	F
18		12.08	+0.36	
19		13.55	+0.64	
20		13.63	+0.33	
21	293801	10.11	+0.56	G0 V
22	289972	8.87	+1.58	M1
23	289974	9.76	+0.56	F6 V
24		13.32	+0.11	
25	289973	10.10	+0.34	A3 V
26		13.22	+0.65	
27		12.86	+0.42	
28		13.24	+0.65	
29		13.50	+0.77	
30		12.12	+1.53	G8
31		11.93	+0.41	F0 V
32		12.99	+0.37	
33		13.27	+0.64	
34		13.67	+0.26	
35		11.78	+1.16	K0 III
36		12.52	+0.60	F8
37		12.96	+0.59	
38		12.80	+0.48	
39		12.81	+0.52	
40		12.33	+0.95	G0
41		12.83	+0.64	
42		12.78	+0.32	A2 V
43		13.06	+0.80	
44		12.79	+0.81	
45		12.75	+0.95	F8
46		12.56	+0.61	F5
47		11.31	+0.40	F0 V
48		11.19	+0.82	G8 V
49	289975	10.52	+0.51	F5 V
50		13.28	+0.82	
51		11.96	+0.75	F8
52	33190	8.13	-0.07	B8 V
53		10.61	+1.44	K5
54	293802	10.36	+0.58	G0 V
55		12.01	+1.08	F8
56		13.01	+0.42	
57		11.86	+1.14	K0
58		12.38	+0.43	
59	293805	10.19	+0.80	K0 V
60		11.70	+0.66	F8
61		13.17	+0.57	
62		13.25	+0.28	
63	293811	9.98	+0.62	G1 V
64		13.25	+0.56	
65		12.69	+0.37	
66		13.63	+0.98	
67	293806	11.07	+0.69	G0
68	293807	10.19	+0.81	G0 III
69		13.33	+0.66	
70	var 293808	11.63	+0.27	A3 V
71		12.27	+0.44	
72		11.95	+1.23	G9 III
73		12.39	+0.30	F0
74	33157	8.99	+0.26	A8 V
75		13.43	+1.35	
76	293803	10.96	+0.59	F0
77	293804	10.23	+1.19	K0 III
78	33278	8.67	+0.80	G9 V
79	33176	9.13	+0.54	F8 V
80		12.42	+1.06	G0

-2^0 - -3^0

No.	HD, HDE	V	B-V	Sp
81	293804	9.92	+0.83	K0 V
82		13.47	+0.89	
83		11.86	+0.53	F8 V
84		11.69	+0.53	F6
85	33279	7.64	+0.85	G8 IV
86		12.44	+0.62	F8
87		12.12	+1.26	K5
88		13.28	+0.70	
89		11.52	+0.87	G5
90		13.11	+0.90	
91		11.66	+0.48	F6 V
92		13.79	+0.79	
93		13.48	+0.26	
94		12.77	+0.70	G0
95	33346	9.18	+0.13	A4 V
96	293836	10.16	+0.54	F2 III
97	290046	10.94	+0.63	G0
98	290047	9.97	+0.10	A1 V
99		12.33	+0.63	F8
100		12.95	+0.75	
101	33345	6.52	+0.77	G8 V
102		11.51	+1.19	G5
103	33277	9.60	+0.29	A7 V
104		11.91	+1.01	K0
105		12.11	+0.60	F8 V
106		12.63	+1.07	K0
107	290036	10.80	+0.63	G0 V
108		12.02	+0.48	
109	290044	10.23	+0.95	K2 V
110		11.82	+0.88	G0
111		12.53	+0.47	F6
112	290045	10.85	+0.22	A3 V
113		12.80	+0.51	
114	293837	10.95	+0.17	A6
115		13.47	+0.45	
116		11.13	+1.27	K5
117		11.12	+0.84	G0 III
118	293844	10.90	+0.53	F0
119	293843	10.77	+0.64	G5
120	293842	9.62	+0.84	K0 V
121	293840	10.52	+0.55	F6 V
122		11.96	+0.69	G0 V
123		13.33	+0.98	
124		11.82	+0.61	F8
125		12.55	+0.34	F
126	293838	10.27	+0.18	B9 V
127		11.58	+0.49	F2
128		11.75	+0.61	F6
129		11.80	+0.78	G8
130	33555	6.24	+0.98	G8 III
131	290043	10.55	+0.93	K0
132		12.02	+0.63	G0
133		12.79	+0.73	G
134	290040	10.67	+0.38	F2 V
135	290039	10.67	+0.21	A7
136		12.72	+0.25	
137		11.98	+0.90	K0 :
138	290041	10.94	+0.77	G0
139		12.90	+1.09	
140		12.84	+0.30	
141		11.92	+0.37	F0
142		11.54	+0.54	F8 V
143		13.11	+0.57	
144	33608	5.89	+0.46	F5 V
145	293841	11.72	+0.55	F8 V
146		13.49	+0.79	
147		12.07	+0.57	G0
148		11.75	+0.91	G5
149	293874	9.85	+1.48	M1 V
150		13.22	+0.61	
151		12.17	+0.91	F8
152		12.61	+0.61	F8
153	293865	10.55	+0.16	A5
154		11.75	+1.70	K
155	293864	9.90	+0.34	F2 V
156		10.64	+0.36	
157		12.13	+1.21	K0
158		12.19	+0.92	G5 :
159		12.60	+1.42	
160	293863	10.48	+0.28	A8 V

-2^0 - -3^0

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
161	293862	11.08	+0.89	K0 V	201		11.20	+1.28	K
162		11.32	+0.78	G3	202	293871	10.49	+1.01	G8 III
163	33754	9.23	+0.36	F2 V	203		12.31	+0.57	F8 V
164		11.83	+0.88	G0	204		12.36	+0.93	K
165		11.57	+0.68	G0	205		13.09	+0.73	
166		11.91	+0.57	F5	206		12.86	+0.47	
167		12.28	+0.73	G2	207		12.11	+0.23	A6 V
168		12.58	+0.76	G0	208		12.69	+0.72	G6
169		11.57	+0.67	G2 V	209	293868	10.06	+0.24	A5 V
170	290107	11.54	+0.54	F8 V	210	290114	9.35	+0.54	F8 V
171		12.12	+0.57	F9	211		12.84	+1.15	
172	290108	10.47	+1.66	M1	212		11.97	+0.77	G9
173		11.89	+0.56	F8 V	213		12.09	+0.39	F
174		13.50	+0.51		214		12.33	+1.11	G0
175		12.33	+0.41	F	215	33975	9.30	-0.06	B8 V
176		10.66	+1.41	K2 III	216		12.36	+0.73	G0
177		12.34	+0.72	G2	217		12.27	+0.46	F6
178		11.96	+0.77	G8	218		11.62	+1.66	K5
179		12.26	+0.45	F5 V	219	290112	10.68	+0.46	F5
180		12.24	+1.02	G5	220		12.29	+0.66	F0
181		12.05	+0.99	G3	221	293869	11.46	+0.52	F5 V
182		13.52	+0.55		222		12.73	+0.73	F9
183		12.76	+0.42	F	223		12.22	+0.57	F8
184		12.98	+0.34		224		12.91	+0.25	
185	290115	11.11	+0.34	F0 V	225		12.32	+1.04	
186	293867	11.21	+0.40	F4 V	226		11.80	+0.32	F2
187		11.74	+1.11	K0 III	227		12.49	+0.37	A2 5
188	293866	10.91	+0.58	F5 V	228		12.34	+0.64	G0
189	33917	9.29	+0.16	A0 V	229	293879	9.70	+0.35	A8 V
190	293872	10.71	+0.67	F6	230		11.82	+0.95	G6 III
191	293873	11.11	+0.63	F2	231		12.73	+0.95	G
192	293875	10.77	+0.92	G8	232		13.56	+0.64	
193		12.67	+0.86	G0	233		13.38	+0.99	
194		12.90	+0.62		234		12.75	+1.11	G0
195	293876	9.55	+0.91	K0 V	235		12.78	+0.92	F8
196	33962	8.25	+0.30	F0 V	236		12.23	+0.62	F8 V
197	293877	11.59	+0.48		237	293930	9.89	+0.41	F6 V
198		12.72	+1.74	K	238	293929	9.50	+1.00	K0 IV
199	293878	10.12	+0.96	G9	239		12.42	+1.14	K5
200		13.78	+0.60		240		12.78	+0.62	F8

-2^0 - -3^0

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
241		12.64	+0.61	G0	281	290181	11.18	+0.46	F2 V
242		10.50	+0.82	K0 V	282		13.02	+0.98	
243	293927	11.36	+0.30	F0 V	283	290182	11.02	+0.62	F8
244		12.26	+0.46	F6	284		12.88	+0.44	
245		12.40	+0.85	G	285		13.28	+0.70	
246		12.15	+0.95	G8	286		12.06	+1.81	K7
247	290183	11.34	+0.50	F8 V	287	34429	8.25	+0.31	F0 V
248		12.25	+0.23	B8 V	288		12.51	+1.38	G5
249		12.56	+1.12	G	289		11.89	+0.93	G8
250		12.96	+0.40		290	290252	10.21	+0.61	F3
251		13.28	+1.05		291		11.34	+0.62	F5
252		13.37	+0.48		292		13.30	+0.48	
253	290180	10.17	+1.12	K2	293		12.48	+0.40	A6 V
254		12.35	+0.63	F8 V	294		12.97	+0.75	
255		12.10	+0.39	F2	295	290253	10.16	+0.59	F2
256		12.30	+0.40	A5 V	296		12.81	+1.16	
257		12.70	+0.39	A7 V	297		12.70	+0.78	F8
258		12.39	+0.58	F8	298		12.06	+0.47	F0
259	290184	10.00	+1.14	K0 III	299		12.58	+0.81	G0
260		11.91	+0.68	F9	300	293925	10.28	+1.05	K0
261		13.21	+0.89		301		11.46	+0.66	F8
262		11.34	+0.37	F0 V	302		11.69	+0.62	G0 V
263		13.04	+0.72		303		12.47	+0.64	F3
264		11.58	+0.44	F2 V	304		12.44	+0.72	F8 V
265	293931	10.89	+0.41	F3 V	305		11.16	+0.54	F8 V
266	293933	10.87	+1.28	G5	306		12.26	+0.71	F8
267	293932	9.94	+0.18	A4 V	307		11.35	+1.09	G8 III
268		12.65	+0.75	F9	308		11.56	+1.32	G
269		11.80	+0.64	F8	309		13.17	+1.18	
270	34430	9.11	+0.09	B8 V	310		12.06	+1.22	G0
271		12.83	+0.72	F8	311		12.66	+1.55	
272		13.28	+0.84		312		8.62	+0.25	A3 V
273		13.00	+1.04		313		12.83	+0.64	
274		12.95	+1.35		314		12.84	+0.58	
275		13.40	+0.50		315		13.34	+0.54	
276		12.08	+0.59	F9	316		13.46	+0.70	
277		13.13	+0.78		317	290255	9.53	+1.08	K0 IV
278		12.01	+0.51	F6 V	318	290254	10.74	+0.62	F6
279		11.96	+1.87	K5	319	290251	10.43	+0.47	F0 V
280		12.16	+0.52	F5 V	320		12.93	+1.27	

-2^0 - -3^0

No.	HD,HDE	V	B-V	Sp
321		12.20	+1.26	G0 :
322	290250	10.44	+0.56	G0 V
323		12.57	+0.77	F8
324		12.73	+0.88	G8
325		11.85	+1.43	K0 III
326		12.66	+0.72	F8 V
327	290259	9.29	+0.44	F0 V
328	290258	10.31	+0.54	F5
329	290257	9.66	+0.23	A1 V
330		13.08	+1.00	
331		13.24	+0.27	
332		11.43	+0.56	F6
333	290256	11.68	+0.32	B9 V
334		13.12	+0.40	
335		13.10	+0.76	
336		12.88	+0.67	
337	293958	10.07	+0.43	F0 V
338		12.85	+0.88	
339		13.30	+0.92	
340		12.37	+0.51	F0 V
341		12.68	+0.84	F9
342		12.71	+1.18	K0
343		12.63	+0.67	F6
344		12.22	+0.79	G0
345		12.24	+0.70	G0
346		11.86	+1.05	F9
347		13.16	+0.55	
348		11.89	+1.21	G6 III
349		12.62	+0.77	F8
350		11.78	+0.60	F8 V
351	293964	9.95	+1.20	K0 III
352		11.88	+0.74	G5 V
353		12.20	+0.67	G2
354		13.32	+0.53	
355		12.47	+0.59	F3 V
356		11.46	+1.33	K2
357		11.96	+1.03	G5
358		12.33	+0.41	F4
359		13.49	+0.90	
360		13.15	+0.70	
361		12.30	+1.86	K0
362	293959	9.18	+0.25	A3 V
363		12.90	+0.90	
364		12.49	+0.47	A5 V
365		11.30	+1.37	K0 III
366		13.39	+0.64	
367		13.14	+0.80	
368		12.23	+1.25	G
369		13.04	+0.91	F5 :
370		12.26	+0.86	F9
371		12.61	+0.87	F9
372	293963	9.10	+0.85	K0 V
373		11.54	+1.43	K5
374		12.72	+0.72	F1
375		13.20	+1.71	
376	293962	11.53	+0.54	F0 V
377	293961	10.57	+1.17	G8 III
378		11.79	+1.02	
379	293960	9.00	+0.52	F4 V
380		12.72	+1.56	G - K
381		12.95	+0.76	
382		12.62	+0.62	F3
383	293998	10.03	+1.60	K3
384	290325	10.62	+1.12	K2
385		12.62	+1.19	K0
386		12.23	+1.84	K5
387		12.27	+1.71	K
388		12.07	+0.31	F0
389	290263	11.01	+0.78	G5
390	290261	10.18	+0.42	A8 V
391		12.64	+1.00	F8
392	290262	10.26	+1.11	K0 III
393		12.82	+0.81	
394		11.50	+0.70	G0 V
395		12.56	+0.69	F8
396		12.05	+0.58	F8
397		12.55	+0.81	F8
398	350I9	8.50	+0.22	A7 V
399		12.01	+0.63	F8
400		12.91	+1.00	

-2^0 - -3^0

No.	HD,HDE	V	B-V	Sp
401	293997	11.44	+0.64	F6
402		12.75	+0.67	F8
403		12.50	+0.54	F3
404		13.05	+1.34	
405	294002	8.83	+1.01	K1 IV
406	294003	10.34	+1.38	K5
407		12.34	+0.93	F8
408	34966	7.77	+1.02	K0 III
409		12.09	+0.76	F5
410		11.80	+0.85	F5
411		13.23	+1.54	
412	294004	11.58	+0.64	F8
413		12.46	+0.95	F8
414		12.54	+0.64	A4 V
415	293999	10.39	+1.14	G5
416	293996	10.18	+0.50	F0 V
417		11.39	+0.81	G0
418		12.48	+0.57	F5
419		12.46	+0.67	F6
420		11.08	+0.55	F7
421	290326	11.83	+1.04	K0
422		12.76	+0.53	F0
423		11.42	+0.90	G0 III
424		12.60	+0.94	G5
425		13.11	+0.66	
426		11.41	+1.13	G2
427		13.06	+0.89	
428	290322	9.56	+0.15	A0 V
429		12.27	+0.79	G2
430		13.66	+1.10	
431		12.88	+1.85	
432	290324	11.43	+0.71	F8 :
433	35145	9.10	+0.07	B8 V
434		12.77	+0.71	F5
435		11.77	+0.61	F8 V
436		11.51	+0.59	G0 V
437		12.73	+0.80	F9
438		12.86	+1.47	
439		12.54	+1.88	K5
440	294000	10.89	+1.15	G8 III
441		13.48	+0.92	
442		12.81	+0.75	
443		11.00	+2.16	K5
444	294005	11.04	+0.45	B9 V
445		12.25	+0.98	
446		13.02	+0.79	
447		11.31	+0.77	F6
448	294001	10.93	+0.47	F0 V
449		12.83	+0.81	
450		11.95	+1.26	G5 III
451		12.36	+0.90	F5
452		13.32	+0.75	
453		12.90	+0.74	
454	293995	10.14	+0.45	A5 V
455	294041	10.04	+1.02	G5 III
456	290327	9.04	+0.84	G5 IV
457		11.25	+0.61	G2 V
458		12.38	+1.17	K0
459		12.35	+0.32	A2 V
460	290341	10.80	+0.86	G5
461	290323	9.75	+1.46	M
462		13.28	+1.07	
463		13.29	+0.81	
464		11.84	+1.55	K2 III

-3^0 – -4^0

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
I	293785	9.19	+I.56	K5	4I		I2.49	+0.93	F8
2		II.75	+0.I7	B9 V	42		I3.24	+0.72	
3		II.30	+0.59	F8	43		II.59	+0.65	F8 V
4	293778	I0.5I	+0.43	F0 V	44		I3.07	+0.64	
5	32721	8.55	+0.09	A1 V	45	293814	9.74	+0.37	F2 V
6		I2.32	+0.69	G0	46	293815	9.64	+0.I7	B9 V
7	293777	I0.7I	+0.48	F5 V	47		I0.93	+I.57	K2 III
8	293775	8.68	+I.46	M0	48	293822	I0.04	+I.34	K5
9	293772	8.95	+0.83	G8 V	49		I3.42	+0.5I	
I0	32686	6.04	-0.I2	B5 V	50	33023	8.30	+0.II	A0 V
II		II.8I	+0.6I	F8	5I		I2.88	+0.6I	
I2		I3.80	+0.56		52		I2.06	+0.I8	B8 V
I3		I3.6I	+0.75		53	33056	8.8I	+0.09	B9 V
I4	293769	I0.23	+I.08	K4 V	54		I0.I6	+I.05	G5
I5		I2.I0	+0.79	G0	55		I2.58	+0.77	G0
I6		II.I6	+I.I6	K0 III	56	293813	I0.46	+0.49	F6 V
I7		II.78	+I.20	G5 :	57		II.39	+I.47	K0
I8	32817	8.63	+0.48	F6 IV	58	293812	I0.82	+0.55	G0 V
I9		I2.36	+0.6I	F8 V	59		I2.4I	+I.I2	F :
20		I2.50	+0.60	F8	60	293810	9.08	+I.05	K2 IV
2I		I3.40	+0.36		6I		I3.65	+I.I6	
22	293770	I0.82	+0.5I	F6 V	62		I2.83	+0.44	
23	293771	I0.00	+0.67	G5 V	63		I0.86	+I.26	K2 III
24	32884	7.68	+0.06	B8 V	64		I3.03	+0.84	
25		I2.59	+0.I8	A3 V	65		I2.I7	+I.25	K0 :
26	293776	II.2I	+0.52	F8 V	66		II.85	+I.04	G0 :
27		II.58	+0.76	F5	67		II.53	+0.96	G5 III
28		I2.I5	+0.27	A3	68		II.9I	+0.77	G8 V
29	293787	I0.28	+0.63	F5 III	69		I2.20	+0.60	G0
30		I2.97	+0.43		70	33191	7.50	+0.94	K0
3I		I2.98	+0.76		7I		II.62	+I.6I	K
32		II.66	+0.78	G0 V	72		I0.42	+I.09	G8 III
33	32911	8.34	+0.35	F2 V	73	293819	9.39	+0.87	K2 V
34		I3.22	+0.44		74		I3.I9	+0.59	
35	32869	9.86	+0.I6	A4 V	75		I2.58	+0.86	G8
36		I2.00	+0.43	A2 V	76		II.7I	+0.49	F
37		II.35	+0.78	G0 III	77		II.60	+0.94	K0
38		II.8I	+0.45	F5	78		I2.23	+0.55	F8
39		II.95	+0.93	G5 III	79		I0.98	+I.58	K3 III
40		II.93	+0.89	G5	80	293816	9.97	+0.60	G0 V

-3^0 – -4^0

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
8I	33223	7.25	+0.3I	F0 V	I2I	293818	II.44	+0.56	G0 V
82		I0.66	+0.94	K0	I22	293820	II.32	+0.30	A5 V
83		I3.35	+0.I5		I23	33431	7.83	-0.04	B9 V
84		I2.83	+I.I4		I24		I3.25	+0.95	
85		I2.49	+I.35	K0 :	I25		I2.02	+0.57	F0 V
86		I2.05	+0.83	G2	I26		II.80	+0.57	F6
87		I2.08	+0.5I	F8	I27		I3.56	+0.82	
88		I3.62	+0.55		I28		I3.74	+0.22	
89		II.96	+0.42	F1	I29		I2.82	+0.96	
90		I2.35	+0.5I	F6	I30		II.7I	+0.37	A8 V
9I		I2.54	+0.44	F5	I3I		II.40	+0.62	F8 V
92		I3.I5	+0.5I		I32		II.48	+0.64	F2 V
93		II.80	+0.98	G5 III	I33		I2.96	+0.89	
94		I2.94	+0.68		I34		I3.73	+0.I8	
95		I3.04	+0.59		I35		I3.I0	+0.65	
96		I2.48	+0.63	F8 V	I36	293845	II.22	+0.67	F8 V
97		I3.I4	+I.I3		I37		II.47	+I.09	K0
98	33208	7.09	+0.53	F8 V	I38		II.23	+0.85	K0 V
99		I2.27	+0.57	F8 V	I39		I3.33	+0.70	
I00		II.80	+0.64	F2 V	I40		II.52	+0.6I	F8
I0I		I3.60	+I.34		I4I		II.94	+0.53	F8 V
I02		I3.36	+0.50		I42	293846	I0.23	+I.08	G9 III
I03		I3.78	+0.96		I43		II.2I	+I.06	G5
I04		II.79	+0.66	F0	I44		II.38	+0.57	G0 V
I05		I2.I6	+0.4I	A7 V	I45		II.86	+0.60	F2 V
I06		I3.3I	+0.45		I46		I2.30	+0.74	F7
I07		I0.65	+I.2I	K2	I47	293847	I0.80	+0.49	F2 V
I08		I2.75	+0.85	F	I48	293848	II.0I	+0.8I	G5
I09		I2.67	+2.00	K5	I49		II.50	+0.50	F6 V
II0		I2.32	+0.76	G0	I50		I3.50	+0.75	
III		II.46	+0.66	G0 V	I5I		II.5I	+0.84	K0 V
II2		I2.59	+0.75	F8	I52		II.87	+0.47	F2
II3		I3.35	+0.50		I53		I3.62	+0.3I	
II4		I2.66	+0.78	G2	I54		I2.84	+0.49	
II5	293817	9.86	+I.54	M5 V	I55		II.70	+I.34	K5 :
II6		II.33	+0.66	F8 V	I56		I2.72	+0.79	F
II7		I2.I0	+0.96	G8	I57		I3.25	+I.4I	
II8		I2.82	+0.59		I58		I2.77	+0.68	
II9		II.82	+I.00	G2 III	I59		I2.08	+0.52	F8 V
I20		I2.78	+I.I4		I60		I2.54	+0.34	

$-3^0 - -4^0$

No.	HD,HDE	V	B-V	Sp
161		13.12	+1.09	
162		10.82	+0.90	G8
163		13.48	+0.95	
164		11.16	+1.66	K7
165		13.26	+0.26	
166		12.33	+0.57	F8
167		13.37	+0.50	
168		12.51	+0.64	F8
169		13.32	+0.92	
170		11.77	+0.59	G0 V
171		12.53	+0.63	F8
172		12.56	+1.08	G - K
173		12.58	+0.49	F2
174		11.88	+0.47	F6
175		12.45	+0.50	F6
176	293849	9.84	+0.29	A7 V
177	293850	10.07	+0.53	F0 V
178		13.04	+0.95	
179		11.26	+0.59	F9 V
180		13.52	+1.12	
181		11.66	+0.63	G0 V
182	293851	9.05	+0.61	F8 V
183		11.74	+0.47	F6 V
184		12.86	+1.42	
185		12.13	+0.78	F8
186		11.87	+0.72	G0 V
187		12.57	+0.59	G0
188	293898	10.65	+0.27	A4 V
189	293897	9.85	+0.35	A8 V
190		11.83	+1.12	K0
191	293896	9.90	+0.91	K0 V
192		13.18	+0.92	
193		12.44	+0.44	F
194		12.25	+0.56	F8 V
195		13.16	+0.80	
196		12.21	+1.18	K2
197		12.15	+0.52	F6
198		11.72	+0.80	G5
199		12.62	+0.53	F
200		13.36	+0.74	
201		11.15	+1.13	K0
202		12.87	+0.34	
203		13.42	+0.54	
204		12.63	+0.60	G0
205		12.85	+0.43	
206	33766	8.52	+0.06	B9 V
207		13.30	+1.22	
208		12.80	+0.99	
209		12.47	+0.47	F6
210		13.46	+0.26	
211		13.61	+0.27	
212		12.25	+0.82	G0
213		11.42	+0.99	G5 III
214		12.93	+1.15	
215		11.81	+0.56	F
216		12.26	+0.35	F2
217	293892	10.94	+0.59	G0 V
218		12.32	+0.53	F6
219		12.50	+0.62	F8
220	293893	11.61	+0.30	A7 V
221	293894	9.95	+0.85	G5
222		11.63	+0.57	G0 :
223	293845	11.92	+0.56	F0 V
224		11.59	+0.44	F5 V
225		13.07	+0.63	
226		12.01	+0.79	G0 V
227	293901	11.30	+0.36	A6 V
228		13.62	+0.56	
229		12.81	+0.55	
230	33832	9.11	+0.22	A1 V
231	293900	9.64	+1.22	K2
232		12.42	+0.83	F8
233		12.81	+0.67	
234	293902	10.58	+0.21	A8 V
235		12.44	+0.26	A0 V
236		12.34	+0.92	F8
237		12.27	+0.93	K
238		11.93	+1.00	K0
239		12.89	+1.01	
240	293891	11.31	+0.43	F2 V

$-3^0 - -4^0$

No.	HD,HDE	V	B-V	Sp
241		12.82	+0.69	
242		12.72	+0.19	A1 V
243		13.54	+0.70	
244	293884	9.28	+0.92	K0 V
245		12.71	+1.15	
246		11.33	+0.93	G5 III
247		12.87	+0.64	
248		12.60	+0.58	F8
249	33868	8.83	+0.73	G8 V
250		12.34	+0.38	F
251		13.20	+0.37	
252		12.19	+0.81	G0
253		12.46	+0.63	G
254	293883	10.86	+0.91	G0 III
255		12.84	+0.94	
256		13.30	+1.00	
257		11.87	+1.07	K0
258		11.73	+0.62	G0 V
259		12.22	+0.69	F8 V
260		12.66	+0.41	F
261	293890	10.92	+0.90	G5 V
262		11.48	+0.91	G0 :
263	293889	10.80	+0.62	G0 V
264	293888	11.64	+0.46	F2 V
265		13.02	+0.54	
266		12.33	+0.77	G0
267	33928	6.98	-0.06	B8 V
268		13.21	+0.26	
269		12.13	+0.56	G0
270		13.50	+1.15	
271		12.69	+0.64	F9
272		13.36	+0.98	
273		12.38	+0.49	A7 V
274		11.75	+0.92	G5 III
275	293905	11.06	+1.14	G5 III
276		12.49	+0.50	F1 V
277		12.63	+0.98	G - K
278		11.62	+1.02	G5 III
279		12.99	+0.85	
280	293903	11.49	+0.44	F6
281	293904	8.64	+0.57	G0 V
282		12.20	+0.49	F6 V
283		13.41	+0.84	
284		11.88	+0.48	F6
285		12.74	+0.34	F
286		12.65	+1.01	G0
287	293886	10.23	+0.58	F8 V
288		11.78	+0.43	F5
289		12.00	+1.10	K
290		13.25	+0.47	
291		12.99	+1.25	
292	293882	10.71	+0.52	F8 V
293		12.02	+0.69	F9
294		13.45	+0.57	
295		11.89	+1.49	K6
296		11.76	+0.60	F8 V
297		12.02	+0.93	G6
298		10.97	+0.48	F6
299		12.12	+1.14	K0
300		11.44	+1.27	K2
301	293887	10.97	+0.47	F1
302		12.42	+0.46	F6
303		11.55	+0.76	F5
304		12.71	+0.52	F8
305		12.80	+0.92	
306	293906	9.70	+0.49	F0 IV
307		12.82	+1.18	
308	293948	9.91	+0.25	A3 V
309	293943	10.73	+1.14	G8
310	293942	11.46	+0.65	G0 V
311		12.61	+1.09	K2 :
312		12.98	+0.76	
313		11.94	+0.72	G5
314		11.92	+0.92	G6
315		12.32	+1.64	K0
316	293881	11.38	+0.10	B8 V
317	293880	11.51	+0.57	F5 V
318		12.85	+0.96	
319		11.72	+0.53	F8
320		12.77	+0.91	F8

-3^0 - -4^0

No.	HD,HDE	V	B-V	Sp
321		11.01	+1.14	G8 III
322	293935	9.06	+1.03	K0
323	293934	9.43	+0.81	K0 V
324		11.99	+0.70	G :
325		12.77	+0.79	G :
326		12.17	+1.05	G0
327		12.00	+0.76	F8
328	293940	10.58	+1.34	G8
329		13.53	+0.99	
330	293939	10.92	+0.64	F8
331		12.12	+1.30	K2 :
332		12.59	+1.07	K
333		12.82	+0.55	
334		12.50	+0.93	G
335		12.88	+0.63	
336		12.62	+0.77	F8
337		12.32	+1.24	G
338		11.71	+1.11	G5 III
339		13.16	+1.21	
340		12.18	+0.84	G5
341	293947	10.80	+0.96	G8 III
342		12.97	+0.36	
343	293944	10.87	+0.86	G
344		12.86	+0.74	
345		12.48	+0.76	F8
346		12.53	+1.41	
347		11.35	+1.55	K3 III
348		13.13	+0.60	
349	34280	7.74	+0.00	B8 V
350	293945	10.55	+0.31	A2 V
351		10.73	+0.56	F8
352		12.88	+0.75	
353	293938	10.41	+0.55	F2 V
354		13.26	+0.49	
355		12.95	+0.52	
356		12.58	+0.78	F8
357		12.19	+0.62	G0
358		12.20	+1.30	K5 :
359	293936	10.53	+0.35	F2 V
360		10.69	+0.40	F0 V
361		12.76	+1.12	G
362		12.04	+1.34	G - K
363		12.78	+0.77	F - G
364		11.86	+0.44	F0 V
365	293946	11.44	+0.47	A8 V
366	293949	10.27	+0.85	K0 IV
367		12.12	+0.28	B9 V
368		13.31	+0.56	
369		11.74	+0.53	F0 V
370		12.28	+0.62	G0
371		12.74	+0.51	F8
372		11.84	+0.52	A7 V
373		12.11	+1.86	K
374	293966	10.64	+1.21	G8 III
375	293967	11.20	+0.44	F2 V
376		12.12	+0.90	F8
377	293968	10.31	+0.40	A3 V
378		12.82	+0.76	
379	34673	7.66	+0.94	K2 V
380		11.11	+0.51	F5 V
381		11.48	+0.98	K2 V
382		10.64	+1.80	K2
383		11.70	+0.64	
384	293979	9.16	+1.38	K5
385		12.25	+1.26	
386		12.06	+1.23	K2
387		12.91	+0.96	
388		11.70	+1.28	K6 V
389	293977	11.54	+0.42	F0 V
390		12.56	+1.18	G5 :
391		11.64	+1.14	K0
392		12.09	+0.48	F0 V
393		12.36	+1.16	G
394	293973	11.16	+1.28	K0 III
395		12.87	+0.90	
396		13.12	+1.14	
397		13.36	+0.88	
398		12.99	+1.44	
399		13.15	+0.98	
400	293970	10.09	+0.67	F9

-3^0 - -4^0

No.	HD,HDE	V	B-V	Sp
401	293971	9.20	+0.58	G0 V
402	293972	9.22	+0.56	F8 V
403		12.04	+0.66	G0
404		12.42	+0.96	G0
405		12.43	+0.64	F8 V
406		12.88	+0.85	
407		12.86	+2.06	
408	34859	9.14	+0.12	B8 V
409	293974	10.83	+0.34	A7 V
410		12.87	+2.08	
411	293975	9.97	+1.71	M2
412		11.84	+1.26	K0 III
413		12.38	+0.66	G0 V
414	294024	10.20	+0.38	F2 V
415		12.87	+1.19	
416	294023	9.84	+0.34	F0 V
417		10.69	+1.98	K5
418		11.66	+1.20	K0 III
419		12.31	+0.61	F8 V
420		13.12	+0.46	
421		12.10	+0.57	F5 V
422		13.38	+1.76	
423		12.94	+0.91	
424	294017	10.73	+0.78	G?
425		12.49	+0.55	F5 V
426		12.60	+0.91	G
427		13.03	+0.95	
428		13.08	+0.71	
429		12.28	+0.53	A7 :
430		13.36	+0.82	
431		13.62	+1.01	
432		12.45	+1.37	G0 :
433		12.42	+1.31	G :
434	294006	9.89	+0.61	G0 V
435	35079	7.10	-0.09	B3 V
436		12.18	+0.81	
437	294010	9.69	+1.08	K0
438		13.05	+0.58	
439		12.00	+1.44	
440		11.40	+1.36	
441	294011	10.66	+0.55	F8 V
442		11.46	+1.13	G8 III
443		12.16	+0.70	G2
444	294016	10.18	+1.23	K0 III
445		13.18	+0.71	
446		12.34	+0.57	F8
447		12.30	+0.66	G0
448	294018	10.10	+0.68	G5 V
449		11.82	+0.46	
450		12.80	+0.70	
451		12.91	+1.59	
452		12.01	+1.55	K
453		12.90	+1.15	
454	35272	9.72	+0.61	F8 V
455	294019	10.14	+1.05	K0
456		13.04	+0.20	
457		12.67	+0.59	
458	294014	11.32	+0.43	F0 V
459	294013	10.26	+0.41	F8
460	294012	11.23	+0.56	G0 V
461		13.08	+0.94	
462		11.45	+1.29	
463		12.91	+2.08	
464	294063	10.53	+0.98	K0
465		12.26	+0.67	
466	35259	9.81	+0.12	A0 V
467		12.85	+0.33	
468		12.51	+0.92	
469		13.78	+0.69	
470		12.07	+1.22	
471	35220	8.09	+1.01	K0 III
472	294009	11.54	+0.63	F8 V

$-4^0 - -5^0$

No.	HD,HDE	V	B-V	Sp
1		10.68	+1.20	G8 III
2		12.34	+0.69	F8
3		12.18	+0.78	F8
4		11.93	+0.95	G2
5		12.74	+0.58	
6	293791	9.61	+0.84	F8
7	293790	10.76	+0.55	F8 V
8		13.06	+1.49	
9	293789	10.80	+0.52	F6 V
10	32704	8.64	+0.80	G8 V
11	293786	10.97	+0.75	G0 III
12		12.02	+0.55	F5
13		11.94	+1.29	K0 III
14		12.04	+0.66	G0 V
15		12.14	+0.73	F8
16		13.74	+0.57	
17	293745	10.61	+0.80	G0 III
18		12.54	+0.72	F8
19		12.98	+0.32	
20	293796	9.70	+0.36	A8 V
21		12.05	+0.71	F8
22		13.07	+0.43	
23		12.38	+0.68	G0
24		13.03	+0.56	
25		10.92	+1.36	K3 III
26		12.79	+0.94	
27		12.44	+0.46	F5
28	293823	10.31	+0.64	G5 V
29		10.87	+1.67	K5 III
30		12.43	+1.21	G5
31		12.64	+0.59	G0 :
32		13.27	+0.62	
33		12.05	+0.67	F8 V
34		12.55	+1.24	G
35		11.03	+1.30	K0
36		12.83	+0.52	
37		11.53	+0.81	F5
38		11.86	+0.78	F8
39	32964	5.10	-0.06	B9 V
40		11.52	+1.34	G0
41		11.59	+1.31	G :
42		10.71	+1.25	
43	293831	10.67	+0.46	F0 V
44		12.79	+1.13	
45		13.08	+1.01	
46		11.89	+1.37	G0
47		12.49	+0.33	F
48		13.14	+0.91	
49		8.79	+0.41	F2 V
50		12.64	+0.64	F8
51		12.32	+0.58	F8
52	293830	10.31	+0.64	F5
53		12.62	+0.75	G
54		12.28	+0.35	
55		11.85	+0.70	F5
56		10.97	+0.79	G0 III
57		11.57	+0.92	G5
58	293829	10.07	+0.58	F1
59		12.62	+0.74	G
60		11.00	+0.64	G0 V
61		11.29	+0.81	G0 III
62		11.64	+0.63	G0
63		12.53	+0.84	G
64	293821	10.75	+0.53	F8 V
65		11.56	+0.98	G0 III
66		12.02	+0.93	G5
67		12.23	+0.87	F8
68		13.12	+0.55	
69	33192	8.61	+0.24	A4 V
70	293825	10.70	+0.30	A8 V
71		11.93	+0.63	F8
72		12.30	+0.62	G0
73	293828	8.49	+1.39	M1
74	33256	5.12	+0.44	F5 V
75		11.57	+1.17	K5 V
76	293827	9.62	+0.98	K2 V
77		12.12	+0.96	F8
78		11.38	+0.52	F2 V
79		12.34	+0.51	F5
80		11.78	+1.19	K0 III

$-4^0 - -5^0$

No.	HD,HDE	V	B-V	Sp
81		12.55	+0.80	G0
82		13.09	+0.65	
83		11.81	+1.58	K5 :
84		12.80	+0.91	G :
85		12.62	+0.64	F8
86		11.29	+1.31	G8
87		11.06	+0.69	F6
88		11.30	+1.22	K0 III
89		11.13	+1.00	G8
90		13.02	+1.00	
91		13.32	+0.59	
92		12.67	+0.64	F
93		13.32	+1.20	
94	293861	9.41	+1.00	G8
95		12.58	+0.48	F
96	293826	11.11	+0.69	F6
97		11.83	+0.46	F5
98		12.84	+0.76	
99		11.71	+0.57	G0 V
100		11.69	+0.47	F5
101	293852	8.53	+1.11	K0 III
102		13.37	+0.19	
103		13.63	+0.59	
104		12.40	+0.96	F8
105		13.70	+0.67	
106		11.81	+0.50	F5 V
107		12.69	+0.62	F8
108	293860	11.05	+0.78	G5
109		12.99	+0.54	
110		11.58	+1.02	G5 III
111		10.98	+0.63	G0 V
112		11.55	+0.50	F5 V
113		12.98	+0.64	
114		12.25	+0.71	G0
115		12.78	+0.56	F5
116		13.08	+0.39	
117		13.36	+1.21	
118		13.00	+0.53	
119		13.28	+1.92	
120		12.76	+0.90	G
121	293856	9.64	+0.24	A6 V
122		12.23	+0.67	G0 :
123	293853	10.12	+0.71	G0
124		12.28	+0.58	F5 V
125		12.17	+0.65	F8
126		13.75	+0.48	
127		11.99	+0.57	F2 V
128		13.16	+0.38	
129		12.12	+0.52	F8
130	293855	10.68	+1.22	K0 III
131		12.62	+0.96	K0
132		11.48	+1.62	K :
133		12.87	+0.24	
134	293854	10.57	+0.60	G0 V
135		12.78	+0.73	F8
136		12.29	+0.67	G
137		13.29	+0.31	
138		12.95	+0.99	
139		11.41	+0.60	F2 V
140		12.14	+1.67	K
141		13.08	+1.43	
142		12.84	+0.49	
143		11.66	+1.03	G5 III
144		11.57	+0.57	F2 V
145		13.56	+0.79	
146		12.82	+0.67	
147		12.24	+1.10	G5
148		12.36	+0.64	F8
149		11.39	+0.67	F5
150		11.82	+0.79	F8
151		11.76	+0.51	F5 V
152	293857	8.90	+0.73	G8 V
153		12.73	+0.40	F5
154		11.24	+1.03	G
155		13.02	+0.45	
156		12.37	+0.65	G0
157		12.91	+1.09	
158	293858	10.21	+1.15	K0 III
159		12.72	+1.27	G5
160		13.36	+0.18	

$-4^0 - -5^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
I6I	293854	I0.80	+0.3I	A7 V	20I		I3.I6	+0.64	
I62	2939I6	I2.09	+0.08	B8 V	202		I2.24	+0.89	G0
I63		I2.70	+0.74	G0	203		I3.78	+0.34	
I64		I2.68	+0.88	K	204		II.90	+0.90	G0 III
I65		I2.47	+0.80	F8	205		II.30	+0.94	G5 III
I66		II.58	+0.78	G5	206		II.77	+0.8I	K0 V
I67		I2.68	+I.00	G0	207	293912	9.74	+0.37	F0 V
I68		I2.45	+0.88	K0	208		I3.55	+0.55	
I69		II.88	+0.70	F5	209		I2.39	+I.08	
I70	33801	9.20	+0.I3	A4 V	2I0		I2.00	+0.55	F8 V
I7I		I2.75	+0.85	K :	2II		I2.83	+0.96	
I72	2939I8	I0.6I	+0.59	F8 V	2I2		I2.92	+0.64	
I73		II.46	+0.74	G8 V	2I3		II.77	+0.64	G0 V
I74		I0.83	+I.I7	K0 III	2I4		I2.58	+0.32	A
I75	2939I7	I0.4I	+0.64	G2 V	2I5		I2.36	+I.I2	G5 :
I76		II.34	+0.98	K0	2I6	293920	9.82	+0.3I	A8 V
I77	2939I4	I0.92	+0.04	B8 V	2I7		I2.75	+I.I0	
I78		II.54	+I.24	F8 :	2I8		I2.87	+I.09	
I79	2939I3	I0.I8	+I.04	G8 III	2I9		II.42	+0.54	F2 V
I80		I2.96	+I.09		220		II.68	+0.73	G0
I8I		I3.I5	+I.I9		22I		I3.I4	+0.7I	
I82		II.67	+0.4I	F5	222	33993	8.43	+0.78	G8 V
I83		I3.29	+I.28		223		I3.26	+I.40	
I84		I2.72	+0.83	F8	224		I3.24	+I.24	
I85		I3.44	+0.94		225	2939I9	9.64	+0.36	A7 V
I86		I2.80	+0.54		226		II.5I	+0.24	A7 V
I87		I3.I0	+0.98		227		II.30	+0.52	A8 V
I88	2939I0	I0.00	+0.5I	F0	228		I2.69	+I.56	K
I89		I2.95	+0.70		229		II.80	+0.58	G0 V
I90		I2.32	+0.59	F5 V	230		I2.77	+0.53	F8 V
I9I		I2.08	+0.93	K0 :	23I		I2.79	+0.73	F8
I92		I3.70	+0.43		232		II.84	+0.58	F0 V
I93		I3.08	+0.55		233		II.87	+0.68	G0 V
I94		I2.92	+0.57		234		I0.53	+I.27	K0 III
I95	293899	I0.80	+0.46	F5 V	235		I2.6I	+0.46	F5
I96		II.32	+0.49	F8 V	236		I3.43	+I.I5	
I97		I2.75	+I.I9	G	237		I2.22	+I.29	K5 :
I98		II.77	+0.44	F0 V	238	2939II	9.49	+I.05	K3 V
I99	293908	9.80	+0.25	A7 V	239		II.80	+I.28	G8
200	293909	I0.08	+I.43	K5	240		I3.I7	+0.46	

$-4^0 - -5^0$

No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
24I		II.72	+0.92		28I		II.5I	+0.52	F0 V
242		I2.50	+I.II		282		I2.44	+0.59	
243		I2.08	+0.76	F	283		I3.20	+I.06	
244		I2.6I	+I.II	F8	284		I0.63	+0.86	K2 V
245		I2.06	+0.57	F8 V	285	34239	6.97	+0.6I	G0 V
246		II.74	+0.49	F5 V	286		I3.34	+0.57	
247		I2.45	+0.63	F8 V	287		I2.02	+0.76	G8
248		I2.82	+I.02		288		I2.00	+0.66	F8 V
249		I2.27	+0.65	F	289		I2.86	+0.59	
250		I3.04	+I.06		290		I2.93	+0.74	
25I	34083	8.I5	+0.86	K0 V	29I		I3.67	+0.46	
252		I2.22	+0.52	F8 V	292		II.52	+0.55	F6 V
253		I2.82	+0.32		293		I2.90	+I.85	
254		I2.52	+0.94	F8	294		II.7I	+0.5I	F0 V
255		I2.00	+0.54	F8 V	295		II.58	+I.03	G8
256	34I8I	9.I6	+0.I9	B9 V	296		II.50	+0.62	F8 V
257	293953	I0.48	+0.47	F2 V	297		I2.I2	+0.49	
258		I2,88	+0.77		298	293955	9.79	+0.75	F8
259	293952	I0.25	+0.40	F0 V	299		II.67	+I.47	K5
260		II.74	+I.I6	K2	300	29395I	I0.24	+0.38	A0 V
26I	293954	I0.23	+0.2I	A3 V	30I		I3.28	+0.54	
262		I2.25	+I.4I		302		I3.09	+0.53	
263		II.58	+0.59	F8 V	303		I2.43	+0.5I	F8
264		II.II	+I.I3	K0	304		I2.74	+I.08	G8
265		I3.36	+I.I0		305		I2.09	+0.45	F5 V
266		I3.03	+0.7I		306		I3.05	+0.74	
267		I2.79	+0.7I		307		I2.77	+0.6I	G0 :
268		I2.89	+0.93		308		II.3I	+0.84	G5
269		I3.27	+0.8I		309	293983	9.97	+0.49	F2 V
270		I3.05	+0.98		3I0		I2.0I	+0.43	F
27I		II.84	+0.45	A8 V	3II		I2.66	+0.7I	F8
272		I2.9I	+I.97		3I2		II.43	+0.52	F6 V
273		I2.55	+I.02	G0 :	3I3		I2.75	+0.80	F8
274		I2.72	+0.48	F2 V	3I4		I2.8I	+I.90	
275		II.44	+I.06	K0	3I5		I3.37	+0.65	
276		I3.29	+0.97		3I6	293956	I0.84	+0.52	F5 V
277		I2.39	+0.9I	G0	3I7		I0.60	+I.28	K0 III
278		I2.22	+0.72	F8	3I8	293957	I0.70	+0.7I	G5 V
279	34I20	9.33	+0.I2	B8 V	3I9		I3.I0	+0.52	
280		I2.76	+0.68	F8 :	320		II.53	+I.44	K5

$-4^0 - -5^0$

No.	HD,HDE	V	B-V	Sp
321		12.45	+0.70	G0
322		12.75	+0.58	F8 V
323		12.51	+0.77	F8
324		10.70	+0.62	F2
325	34481	8.97	+0.14	A0 V
326		12.94	+0.61	
327		12.65	+0.69	F8 V
328		11.95	+0.35	A2 V
329		13.21	+1.01	
330		10.81	+1.01	G8
331		12.04	+1.05	G5 :
332	293990	9.73	+1.12	K0
333		11.45	+1.07	K
334		11.72	+0.89	G5
335	293988	10.08	+0.41	F2 V
336		12.96	+1.07	
337		13.01	+1.74	
338		12.44	+1.50	K
339	34523	9.42	+0.29	B9 V
340	293986	9.43	+1.10	K0 III
341	34551	8.94	+0.40	F2 IV
342		13.18	+0.56	
343		10.82	+1.97	K7
344		11.42	+1.47	K :
345		12.80	+1.43	
346		12.57	+1.14	K
347	293982	11.42	+0.55	F5 V
348		13.61	+0.58	
349		11.91	+0.65	F6
350		12.05	+0.58	F8 V
351	293985	11.08	+0.55	G0 V
352		12.70	+1.31	G
353		13.07	+0.55	
354		12.35	+0.81	F8
355		12.10	+0.38	A2 V
356	293987	8.85	+1.51	K5
357		11.13	+1.08	K0
358	293989	9.88	+1.35	K5
359		12.02	+0.58	F5 V
360		12.72	+0.77	F
361	293992	9.73	+0.50	F3 III
362		11.72	+1.06	G5 III
363		13.64	+1.72	
364		12.31	+0.52	F8 V
365		12.70	+1.34	
366		11.32	+0.76	G8 V
367		13.58	+0.88	
368		13.68	+0.84	
369		13.49	+0.74	
370		11.79	+0.80	G6
371		12.18	+0.58	F8 V
372		12.83	+0.84	
373	34734	8.29	+0.07	A1 V
374		12.81	+0.57	
375		11.73	+0.50	F8 V
376		12.48	+0.98	K0 :
377		12.53	+0.92	G0
378		12.33	+0.62	F2
379		13.85	+0.94	
380		10.84	+1.73	K2
381		11.24	+1.06	K0
382	294025	9.94	+0.76	G8 V
383		12.26	+0.49	A5 V
384		11.49	+0.80	F6
385	294026	10.88	+1.08	F8
386		12.94	+0.58	
387	294027	11.68	+0.66	F8
388	294028	10.88	+1.03	G5 III
389		12.91	+0.47	
390		12.95	+1.24	
391	294029	9.75	+0.41	F0 V
392		12.04	+1.45	K5
393		12.87	+0.82	
394		12.35	+0.61	G
395		13.01	+1.56	
396		11.60	+1.20	G5 III
397		12.84	+1.10	
398		11.72	+0.35	A5 V
399		12.98	+0.66	
400	34774	7.43	+0.02	A2 V

$-4^0 - -5^0$

No.	HD,HDE	V	B-V	Sp
401		10.67	+1.57	K7
402	34860	7.95	+0.46	F6 V
403		11.78	+0.78	G0 V
404	294035	9.47	+0.58	F2 III
405		12.06	+1.42	K0
406	35020	9.51	+0.27	B9 V
407	35052	9.44	+0.49	F0 V
408		11.68	+0.53	F8
409	294034	11.03	+0.68	F5 V
410		13.52	+1.34	
411	294033	11.22	+0.78	F8
412		13.00	+1.36	
413		11.55	+0.98	G0 III
414		12.43	+0.61	G0 V
415		13.17	+0.82	
416		11.61	+0.64	G0 V
417		12.98	+0.66	
418		13.80	+1.16	
419		12.28	+1.27	K
420		12.37	+1.34	
421	294032	11.07	+0.47	F2 V
422		12.93	+1.38	
423		13.87	+0.75	
424		12.41	+0.93	F8
425		11.74	+0.86	F8
426		11.96	+0.44	
427		11.63	+0.41	F
428	294030	10.38	+0.47	A7 V
429	294031	10.62	+0.78	G0
430		12.38	+0.89	F5
431		12.92	+1.34	
432		12.41	+0.99	G0 :
433		12.15	+0.46	
434		12.66	+0.41	
435		12.72	+0.68	
436		12.63	+1.13	G
437		11.60	+0.84	F8
438		11.66	+0.48	F0 V

$-5^0 - -6^0$

No.	HD,HDE	V	B-V	Sp
1		11.09	+0.92	F8
2		13.42	+0.29	
3	293834	10.24	+1.11	G8 III
4	293835	11.24	+0.50	F2 V
5	33111	2.78	+0.12	A3 III
6		12.30	+1.19	G0
7		9.25	+0.80	G8 V
8		10.94	+0.80	G5
9		13.67	+0.86	
10		12.29	+0.79	G5
11		12.94	+0.49	
12		12.97	+0.66	
13		12.70	+0.63	F5
14	33280	9.31	+0.61	G0 V
15		13.17	+0.63	
16		13.37	+0.66	
17		11.21	+1.21	K0 III
18		10.80	+0.44	A8 V
19		13.02	+0.84	
20		13.01	+0.31	
21		11.57	+0.57	F8
22		8.90	+1.33	K7 V
23		12.86	+0.44	
24		9.55	+1.24	K2 III
25		13.35	+0.44	
26		12.91	+0.69	
27		12.84	+0.68	
28		13.19	+0.98	
29		12.74	+0.75	
30		12.97	+0.83	
31		12.58	+0.79	G5
32		12.23	+1.19	G0 :
33		9.21	+0.17	A3 V
34		11.58	+0.74	F5
35		8.29	+2.52	M
36		11.07	+0.83	G0 III
37		9.70	+0.85	K0 V
38		12.80	+0.52	
39		12.26	+0.92	G0
40		12.94	+1.36	

-5^0 - -6^0

No.	HD,HDE	V	B-V	Sp
41		13.28	+0.31	
42		12.67	+0.57	F5
43		11.42	+0.39	A8 V
44	33524	8.40	+0.81	K0 V
45		11.91	+0.42	F0
46		10.70	+0.51	F5 V
47	33547	8.33	+0.07	B8 V
48		10.97	+0.55	F0 V
49		13.05	+0.98	
50		13.21	+0.83	
51		12.20	+0.61	G0
52		10.68	+1.02	K0
53		13.32	+0.94	
54		13.69	+0.57	
55		12.19	+0.72	G
56		12.53	+0.82	
57		12.55	+0.48	F
58		13.26	+0.83	
59		11.82	+0.15	B8 V
60		9.85	+0.17	A0 V
61		11.59	+0.31	A8 V
62		11.54	+0.56	F8
63		13.23	+0.40	
64		13.49	+0.94	
65		9.09	+0.16	B9 V
66		10.71	+0.84	G0 III
67		10.75	+0.98	G2 III
68		12.36	+1.02	G5
69		9.67	+0.38	F2 V
70		12.03	+0.68	F2
71		12.78	+0.52	F8
72		12.89	+1.49	
73		11.62	+1.79	K
74		13.85	+0.69	
75		10.59	+0.35	F2 V
76		11.70	+0.67	F5
77		12.21	+1.12	K5
78		13.30	+0.25	
79		11.47	+0.34	A7 V
80		12.01	+1.04	G

No.	HD,HDE	V	B-V	Sp
81		12.07	+0.42	F
82		13.61	+0.73	
83		13.08	+0.28	
84		12.68	+0.52	F8
85		12.21	+1.75	K7
86		13.74	+0.89	
87		12.62	+1.19	K :
88		11.37	+0.54	F5
89		10.04	+1.53	K5
90		13.20	+0.76	
91		11.07	+1.10	K0 III
92		14.00	+0.54	
93		13.33	+1.11	
94		11.60	+0.52	F5 V
95		12.23	+0.80	G5
96		12.37	+0.79	G8 :
97		12.57	+0.31	F
98		10.99	+0.46	A8 III
99		12.79	+0.68	
100	293921	10.74	+0.70	G0
101		12.12	+0.84	F8
102	33902	9.48	+0.07	B8 V
103	33903	9.20	+0.18	A3 V
104		13.69	+0.77	
105		13.74	+0.80	
106	293923	9.41	+1.17	G8
107		13.46	+1.01	
108		13.20	+1.01	
109		10.39	+0.40	A9 V
110		10.94	+1.06	G8 III
111		12.08	+0.52	F0
112		13.60	+1.17	
113		11.56	+0.61	G0 V
114		10.78	+1.18	G8 III
115		10.88	+0.88	G2
116		12.77	+0.88	F :
117		13.26	+1.69	
118		13.59	+0.74	
119		12.74	+0.51	F
120		13.07	+1.05	

-5^0 - -6^0

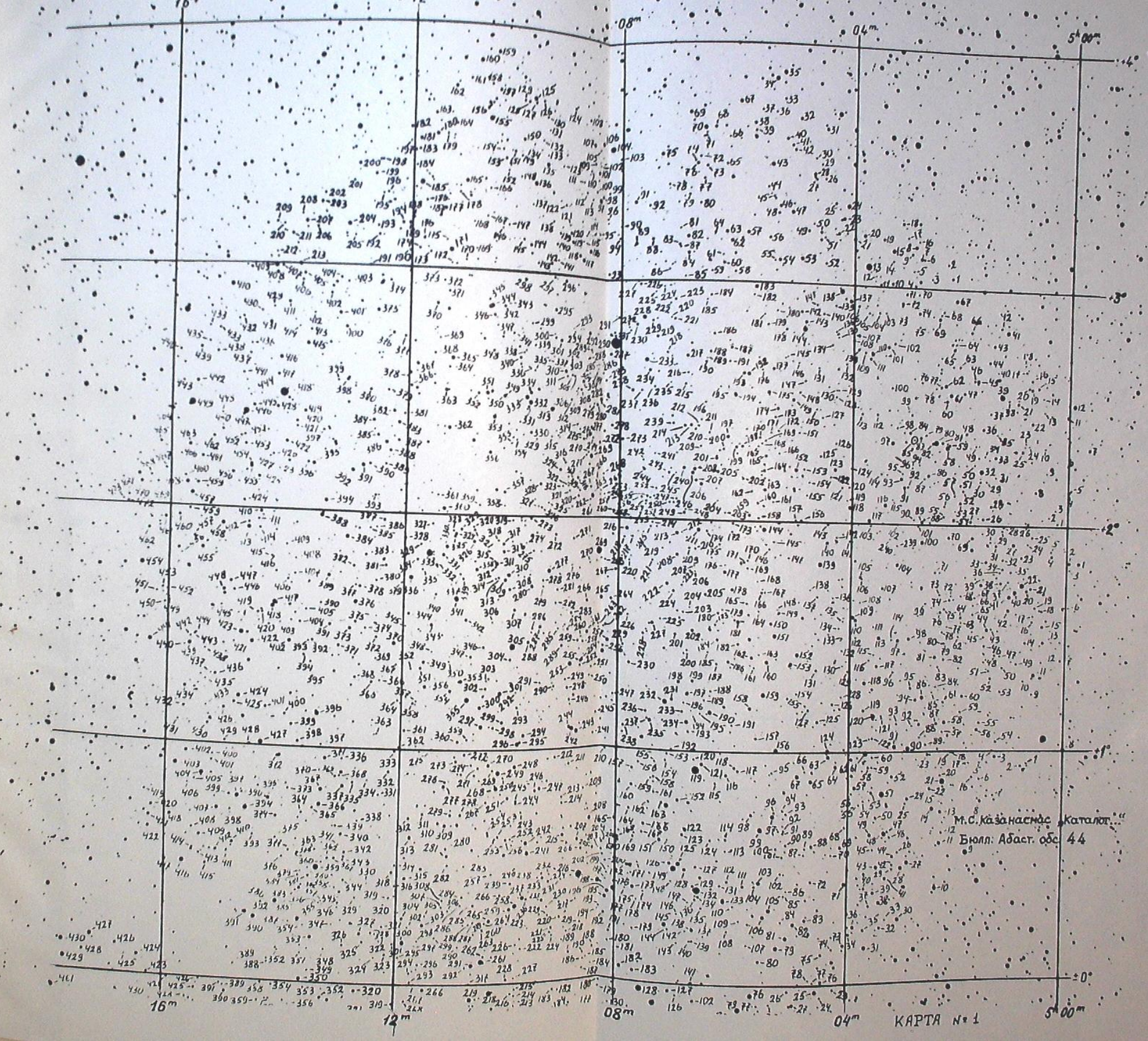
No.	HD,HDE	V	B-V	Sp
121		13.09	+1.17	
122		10.11	+0.88	G0
123		10.31	+0.75	G8 V
124		9.42	+1.36	G8 :
125		12.71	+0.75	F8
126		11.80	+0.56	F5 V
127		12.11	+0.90	
128		13.22	+0.59	
129		13.51	+0.33	
130		10.29	+0.65	F8 V
131		13.63	+1.00	
132		13.61	+0.51	
133		12.12	+1.12	G :
134		12.30	+0.49	F0
135		10.92	+1.25	K0 III
136		10.60	+1.41	K2 III
137		9.24	+1.01	K0 IV
138	33976	8.76	+0.53	F8 V
139		12.32	+1.03	G0
140		13.08	+0.64	
141		12.75	+0.65	F8
142		13.15	+1.08	
143	293924	9.30	+1.16	K0 III
144		12.07	+0.73	G5
145		13.03	+0.47	
146		9.50	+0.04	B9 V
147		11.14	+0.42	A9 III
148		12.42	+0.74	F8
149		11.58	+0.60	F8 V
150		13.33	+0.80	
151		13.63	+0.72	
152		8.25	+1.61	K5
153		12.42	+0.81	F
154		13.34	+0.65	
155		10.99	+0.80	F8
156		11.99	+0.67	G0 :
157		11.77	+0.65	G
158		12.01	+0.63	
159		13.41	+0.95	
160		13.43	+0.89	

No.	HD,HDE	V	B-V	Sp
161		11.09	+0.76	F8
162		12.92	+0.70	
163		11.63	+0.57	G0 V
164		11.90	+0.61	F8
165		12.24	+0.93	G5 :
166		9.98	+0.87	G8
167		12.30	+0.55	F8
168		11.04	+0.55	F5 V
169		13.61	+0.94	
170		11.52	+0.36	F0 V
171	34342	8.82	+0.17	B9 V
172		11.12	+0.44	F0 V
173		11.90	+0.79	F8
174		12.06	+0.74	F8
175		11.44	+0.76	F8
176	34388	8.11	+0.43	F6 V
177		12.14	+1.10	G :
178		12.97	+0.81	
179		13.28	+0.64	
180		12.92	+0.64	
181		12.47	+0.70	F
182		12.62	+0.51	F2
183		10.02	+0.50	F2
184		12.77	+1.31	G
185		13.67	+0.56	
186		12.34	+0.95	G0
187		13.65	+1.50	
188		13.72	+1.41	
189		11.79	+0.62	F8
190		9.34	+1.43	K5 IV
191		11.21	+0.42	F0 V
192		8.50	+0.53	F8 V
193		12.77	+0.60	G0
194		12.42	+0.71	F8
195		13.25	+1.09	
196		12.46	+0.50	F
197		13.16	+1.15	
198		11.25	+0.73	F - G
199		8.52	+0.86	K0 V
200		12.35	+1.52	K

-5^0 - -6^0

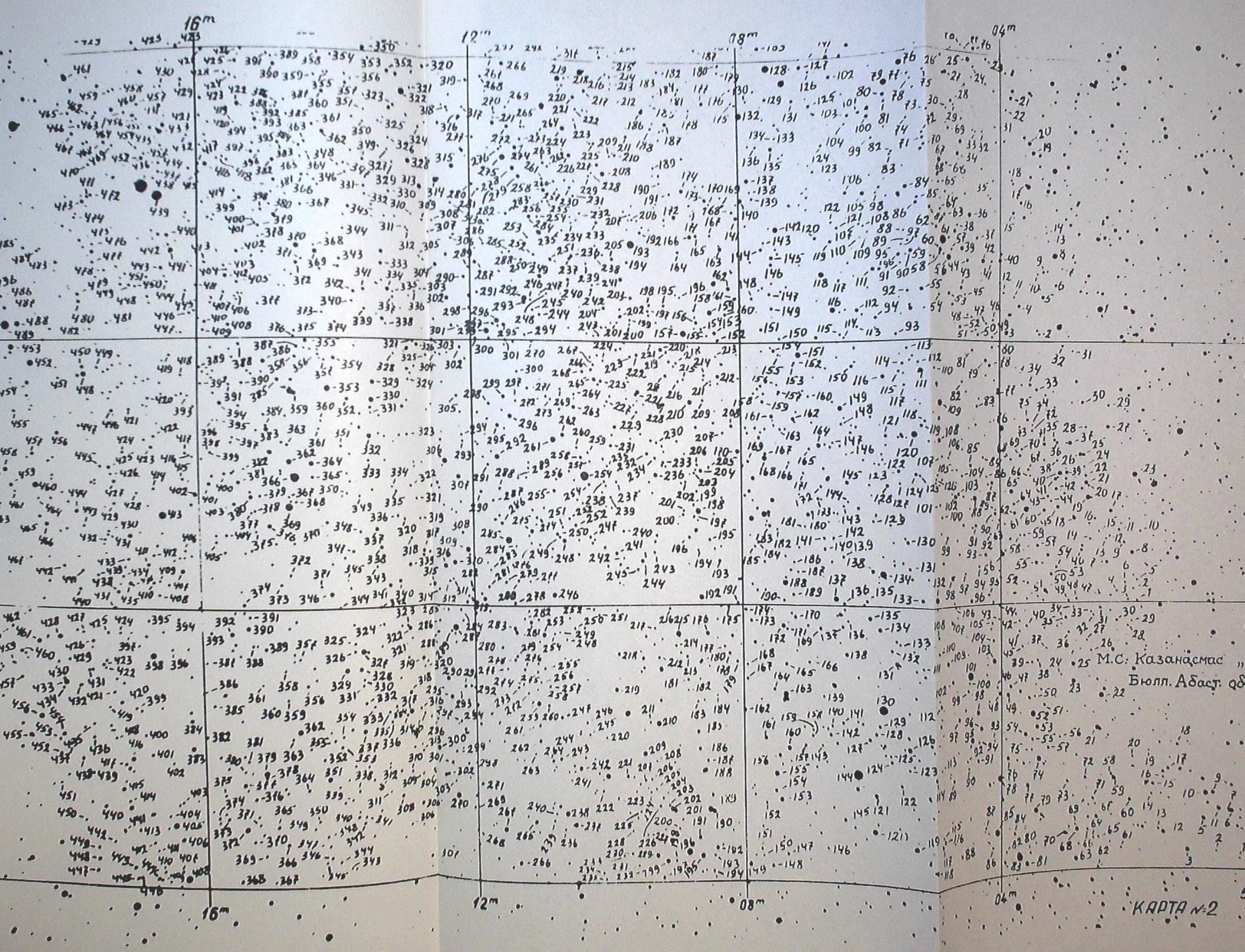
No.	HD,HDE	V	B-V	Sp	No.	HD,HDE	V	B-V	Sp
201		13.04	+0.88		241		12.60	+0.31	A5 V
202		13.33	+0.91		242		13.10	+0.67	
203		13.56	+0.83		243		12.41	+0.55	F - G
204		11.87	+1.25	G :	244		11.19	+0.75	G0
205		11.64	+0.63	F8 V	245		12.82	+0.46	
206		13.28	+1.21		246		10.66	+0.79	F8
207		11.38	+1.14	K	247		12.45	+0.69	G0 :
208		8.71	+1.64	K5 III	248		12.70	+1.11	G - K
209		10.45	+0.43	F0 III	249		13.34	+1.76	
210		11.34	+1.39	K5	250		12.22	+1.22	K
211		13.51	+0.69		251		13.62	+0.65	
212		13.34	+1.12		252		13.09	+0.35	
213		13.60	+0.83		253		10.97	+0.53	F0
214		13.03	+0.81		254		12.79	+0.68	G
215		13.21	+0.91		255		13.54	+1.09	
216		13.59	+0.60		256		12.69	+1.03	
217		12.74	+1.07	G	257	34686	8.79	+0.05	B9 V
218		12.02	+0.63	F8 V	258	293993	11.84	+0.32	A5 V
219		11.52	+1.29	G5 :	259	293994	10.64	+1.29	K2 III
220		11.94	+0.78	G0 :	260		12.98	+1.40	
221		13.02	+1.09		261		12.60	+0.59	F
222		13.66	+1.02		262		12.32	+0.99	G5
223		13.07	+1.13		263		12.51	+0.47	F
224		12.15	+0.71	F8	264		12.81	+0.62	
225		11.04	+0.81	G5	265		12.90	+1.11	
226		12.27	+0.69	G	266		13.47	+1.37	
227		12.90	+0.76		267		7.25	+0.12	B8 V
228	293991	10.41	+0.84	G8	268		6.38	-0.03	B9 V
229		11.06	+0.51	F4 V	269		8.60	+0.08	B8 V
230		12.13	+1.30	K5	270		12.43	+0.96	G0
231		13.07	+1.49		271		13.14	+0.79	
232		12.18	+0.64	F	272		12.46	+1.23	G :
233		12.45	+1.00		273	35040	9.34	+0.40	F2 V
234		12.40	+0.68	F8	274	294037	10.00	+0.78	K0 V
235		12.71	+0.74	F					
236		11.55	+0.56	F6					
237		12.22	+0.57	F8					
238		11.50	+0.41	F2 V					
239		13.73	+0.68						
240		13.01	+0.76						

No.	HD, SDM	T	B-V	
241		12.82	+0.3	
242		13.11	+0.8	
243		12.41	+0.5	V
244		11.53	+0.7	V
245		12.82	+0.6	
246		10.86	+0.9	III
247		12.6	+0.8	III
248		12.70	+1.2	
249		13.34	+0.7	
250		12.22	+1.2	I
251		13.62	+0.8	
252		13.08	+0.5	
253		10.97	+0.9	III
254		12.79	+0.8	I
255		13.54	+1.0	
256		12.69	+1.0	
257	34686	8.79	+0.8	B
258	293993	11.84	+0.3	B
259	293994	10.64	+1.0	III
260		12.38	+1.4	
261		12.60	+0.9	I
262		12.32	+0.9	B
263		12.51	+1.4	I
264		12.81	+0.8	
265		12.90	+1.1	
266		13.47	+1.7	
267		7.25	+0.1	B
268		6.38	-0.0	B
269		8.60	+0.0	B
270		12.43	+0.9	G
I		13.14	+0.7	
2		12.46	+1.2	G
3	35040	9.34	+0.4	K
	294037	10.00	+0.7	K



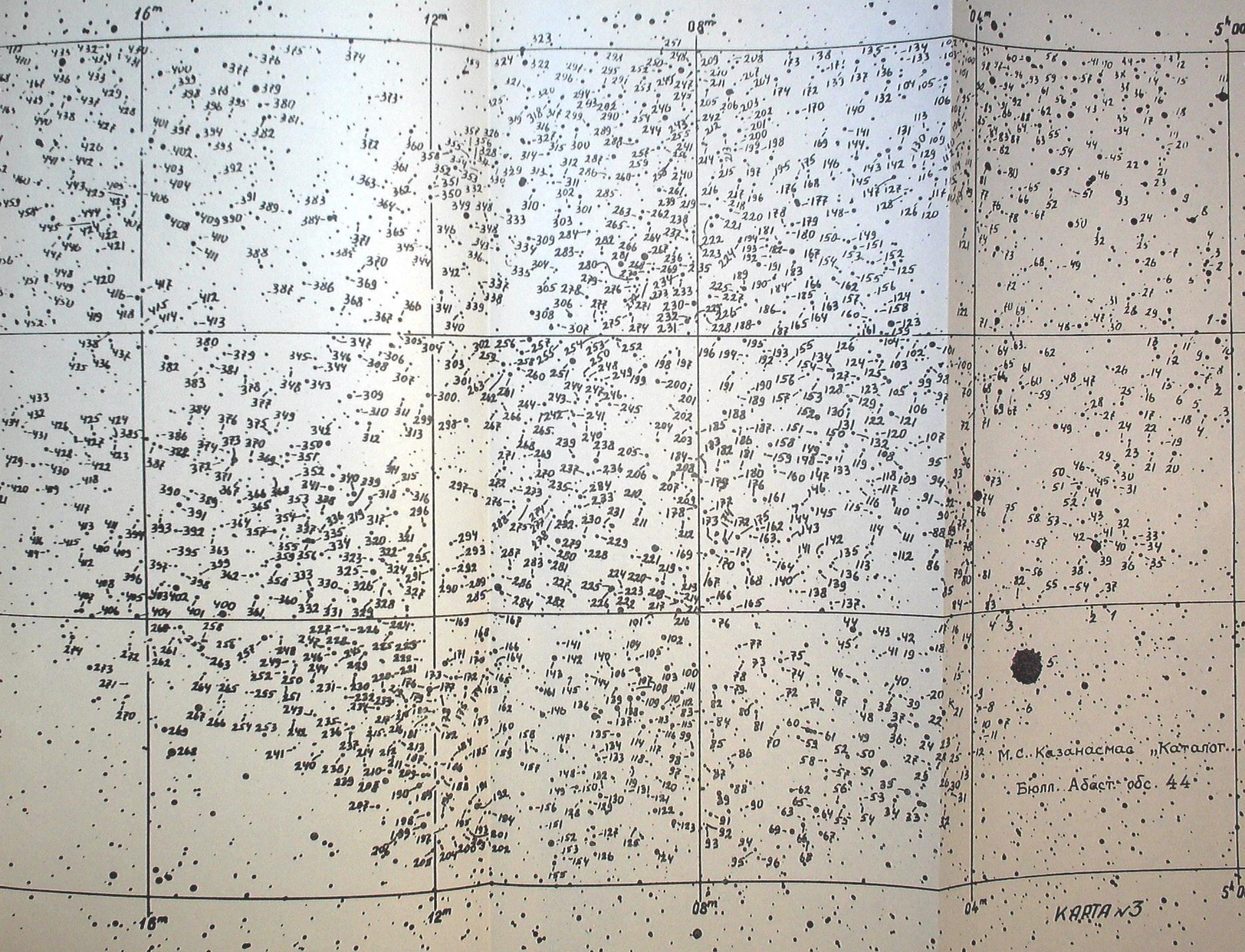
М.С. Қазақ насмас "Каталог..."
Бюлл. Абаст. обс. 44

КАРТА № 1



М.С. Казанасмас „Бюлл. Абаст. об

КАРТА №2


16m
12m
08m
04m
5h00
М.С. Казанасмае „Каталог...
Бюлл. Абаст. обс. 44
KARTA №3

ᲐᲑᲐᲡᲗᲣᲛᲜᲘᲡ ᲐᲡᲢᲠᲝᲤᲘᲖᲘᲙᲣᲠᲘ ᲝᲑᲡᲔᲠᲕᲐᲢᲝᲠᲘᲘᲡ ᲑᲣᲚᲔᲢᲔᲜᲘ № 44,1973
БЮЛЛЕТЕНЬ АБАСТУМАНСКОЙ АСТРОФИЗИЧЕСКОЙ ОБСЕРВАТОРИИ № 44,1973

КАТАЛОГ ЗВЕЗДНЫХ ВЕЛИЧИН, ПОКАЗАТЕЛЕЙ ЦВЕТА, СПЕКТРАЛЬНЫХ КЛАССОВ И КЛАССОВ СВЕТИМОСТИ ЗВЕЗД В СОЗВЕЗДИИ АНДРОМЕДЫ

Н.А.МИСЬКИН *)

Ниже приводится каталог звездных величин в системе V ;показателей цвета B-V ,спектральных классов, классов светимости звезд в области

$$\alpha = 1^h25^m - 1^h50^m, \quad \delta = +40^\circ15' - +47^\circ40 .$$

Фотопластинки для классификации спектров звезд были получены на 70-см менисковом телескопе Абастуманской астрофизической обсерватории с 4°-ой и 8°-ой предобъективными призмами. Всего было получено около 40 снимков с экспозициями от 15 до 40 минут на пластинках Kodak OaO, ZU-2, ZU-1.

Классификация спектров производилась путем глазомерных оценок интенсивности отдельных линий и полос в спектрах. Все звезды классифицировались не менее, чем на 4 пластинках. Применялись примерно те же критерии классификации, что и в работах [1,2] . Сравнение спектральной классификации данного каталога с классификацией HD (рис.1)указывает на систематическое отличие в области спектрального класса К. В каталоге HD спектральные классы К на несколько подклассов более поздние, чем в настоящем каталоге. Иногда встречаются и более крупные различия, объяснить которые мы склонны ошибками каталога HD .

На рис. 2 приведено сравнение настоящего каталога с каталогом BSD для SA 21 [3] . В области спектральных классов F и G звезды классифицированы в BSD несколько более поздними, чем классифицирует автор. Звезды А и К систематических различий не показывают.

Фотометрический материал получен на камере Шмидта Абастуманской обсерватории. Светоприемником служили пленка А-500 и А-600 в комбинации с фильтрами GG_{13} и GG_{11} , соответственно. Фотометрические характеристики инструмента описаны в [4] . Фотометрическая система B, V совпадает с системой Джонсона.

В качестве стандартов использованы звездные величины из рассеянного скопления Плеяды [5] и NGC 752 [6] . Фотографирование исследуемой и стандартных областей проводилось на возможно одинаковых зенитных расстояниях. Негативы измерены на микрофотометре МФ-2 с набором круглых диафрагм.

Величины B и V получены как средние из 4-7 измерений, исправленных за экстинкцию.

На рис.3 дано сравнение наших величин B с фотографическими величинами каталога BSD .Небольшие систематические отличия отмечены

*) Астрономическая обсерватория Одесского гос.университета.