

СПЕКТРЫ ЗВЕЗД ВОКРУГ NGC6604, NGC6913 и Tr1

Е. К. ХАРАДЗЕ, Р. А. БАРТАЯ

В статье [1] мы сообщили о предпринятой нами работе по двухмерной спектральной классификации звезд, причем мы изложили результаты спектрального исследования звезд в трех участках Млечного Пути [2]:

	α_{1950}	δ_{1950}	l	b	Созвездие	Примечание
I	18 ^h 15 ^m	-11° 59'	346°.5	-0°.2	Стрелец-Щит	(1)
II	20 22	+38 17	44 .9	-0 .6	Лебедь	(2)
III	1 32	+60 43	96 .3	-0 .9	Кассиопея	(3)

(1) В центре NGC6604, а также эмиссионная туманность № 18 по атласу Г. А. Шайна и В. Ф. Газе [3].

(2) В центре NGC 6913. По Б. Е. Маркарян [4]—№ 46.

(3) В центре Tr1. По Б. Е. Маркарян—№ 3.

Здесь мы приводим Каталог спектральных классов звезд, расположенных в перечисленных участках и послуживших основой для исследования [2].

Спектры классифицировались согласно [1]. В той же статье описаны критерии и методика спектральной классификации звезд, а также приведены сравнения и характеристики точности классификации.

Координаты звезд определялись с точностью $\pm 1''$ по прямому восхождению и $\pm 0.3''$ по склонению.

Значения фотографических звездных величин имеют предварительный характер; в этой работе не преследовались цели составления каталога звездных величин. Характеристические кривые строились по звездам Северного полярного ряда, однако не все редукции выполнены с требуемой тщательностью, поскольку основной целью являлась спектральная классификация. За среднюю ошибку для фотографических величин следует принять величину около ± 0.1 .

Материалом послужили негативы, снятые на 70 см менисковом телескопе (фок. = 2.1 м) с 70 см предобъективной призмой (дисперсия около $H\gamma$ 165 Å/мм):

№ Негатива	Дата	Сорт фото-пластинки	Участок	Экспозиция (в минутах)
Спектральные снимки				
90	14—15.XI.1955	Agfa-Astro	III	60
184	6—7.VIII.1956	.	I	86
441	4—5.VII.1957	Kodak OaO	I	30
444	5—6.VII.1957	.	I	26
445	.	.	II	42
458	23—24.VII.1957	.	III	40
476	30—31.VII.1957	.	II	32
484	1—2.VIII.1957	.	II	5
486	.	.	III	5
784	7—8.V.1958	Agfa-Astro	III	30
Прямые снимки				
547	24—25.III.1957	Agfa-Astro	II	
549	.	.	Сев. пол. послед.	
552	.	.	III	
553	.	.	Сев. пол. послед.	
556	.	.	III	
557	.	.	I	
575	29—30.VIII.1957	.	I	
576	.	.	.	
577	.	.	Сев. пол. послед.	
578	.	.	II	

Каталог содержит 2400 звезд (в участке I—357, в II—1268, в III—775). Звезды расположены в порядке возрастающих прямых восхождений. Координаты отнесены к 1950 году. Двоточиями отмечены неуверенные определения.

Август, 1960.

ЛИТЕРАТУРА

- Харадзе Е. К., Бартая Р. А., О двухмерной спектральной классификации звезд с применением предобъективной призмы. Бюлл. Абастуман. астрофиз. obs., 1960, № 25, 139—154.
- Бартая Р. А., Харадзе Е. К., Результаты спектрального исследования звезд в трех участках Млечного Пути. Бюлл. Абастуман. астрофиз. obs., 1960, № 25, 155—163.
- Шайн Г. А. и Газе В. Ф., Атлас диффузных газовых туманностей. Москва, 1952.
- Маркарян Б. Е., Сообщ. Бюракан. астрофиз. obs. 1951, 9.

УЧАСТОК I					
№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
—10°					
1	18 ^h 9 ^m 39 ^s	—10° 44'.6	9.58	B0	166734
2	9 39	54.4	11.26	A3	10 4626
3	11 37	41.7	11.50	K0III	167138
4	12 02	20.3	11.70	A4	10 4634
5	12 12	57.0	11.23	F8	10 4636
6	13 14	06.2	11.23	F2	10 4639
7	14 09	28.5	9.14	G0	167718
8	14 20	55.6	12.07	B8	10 4643
9	15 03	12.0	12 18	B8	10 4645
10	15 44	53.7	9.84	F6	168096
11	15 48	22.5	11 37	G5	168111
12	16 38	44.7	10.07	K0	168298
13	16 38	53.0	11.33	G8	11 4594
14	16 42	28.6	10.17	A1	168297
15	16 48	58.5	9.47	F6:	
16	17 00	55.5	9.73	G5:	168366
17	17 03	29.7	9.13	A7	168392
18	17 09	41.8	10.81	G2	10 4654
19	17 18	23.4	10.80	G0	10 4656
20	17 32	37.7	11.86	A0	10 4659
21	17 36	57.2	11.58	F8	10 4660
22	17 36	46.5	10.37	F8	10 4661
23	18 15	42.9	11.96:	B9	
24	18 47	24.7	12.06:	A3	10 4666
25	19 26	00.5	—	B	
26	19 38	06.6	—	B9	10 4667
27	19 42	08.3	—	F8	10 4669
28	19 46	20.9	9.29:	B8	168892
29	20 03	12.0	—	B8	
30	20 06	32.5	—	B5	
31	20 08	16.8	—	F6	10 4672
32	20 21	53.9	12.15:	B8	
33	20 22	31.8	12.11:	B9	
34	20 27	57.1	11.67:	F2	10 4674
35	20 36	45.0	11.46	A0	10 4675
36	20 52	20.3	—	A0	10 4677
37	21 04	10.5	—	F2	10 4678
38	21 23	43.3	11.96:	G5	10 4680
39	21 33	23.0	—	A1	
40	21 35	50.9	10.30:	O9	10 4682
41	21 44	26.3	—	K0-I1	169312
42	22 01	53.3	12.01:	F8	10 4685
43	22 14	30.0	—	F0	10 4686
44	22 22	26.3	—	B8	10 4689
—11°					
1	18 ^h 8 ^m 42 ^s	—11° 19'.0	8.79	G8III	166521
2	9 17	11.3	11.52	A4	11 4555
3	9 20	02.7	11.55	A0	11 4556
4	9 40	22.2	10.38	A5	166735
5	9 54	19.4	11.92	B8	
6	10 26	14.8	10.83	G2	11 4560
7	10 29	46.5	12.02	A0	
8	10 44	35.2	11.51	F8	11 4563
9	10 45	54.7	10.57	B8	11 4562
10	10 54	30.0	11.69	K0:	11 4564
11	11 39	05.7	11.25	A7	11 4565

—11°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
12	18h 11m52s	—11° 14'5	9.34	B5	167220
13	12 05	48.0	12.25	B8	
14	12 12	50.2	11.93	B9	11 4567
15	12 23	08.8	11.81	B8	11 4568
16	12 38	47.0	10.96	B9	11 4569
17	12 54	54.9	11.23	B9	11 4571
18	13 09	02.7	9.17	G0	167496
19	13 20	12.0	8.18	F6	167518
20	13 26	02.2	11.18	A0	11 4575
21	13 55	29.4	11.24	B8	
22	14 02	26.0	9.51	G5-G8	167677
23	14 03	50.2	11.26	B0	11 4579
24	14 17	25.6	11.48	A3	
25	14 37	50.8	10.51	A2	167809
26	14 52	16.5	9.24	B9	167881
27	14 56	09.0	10.70	F2	11 4584
28	14 58	52.5	11.90	Bo:	
29	15 04	58.2	11.11	Bo:	11 4585
30	15 16	19.5	—	o91	11 4586
31	15 18	57.2	10.74	Bo:	11 4587
32	15 32	59.6	10.60	BoV	12 4984
33	15 41	59.3	10.21	A0	168074
34	16 05	03.0	9.68	F8	168161
35	16 05	46.3	11.96	A2	
36	16 06	32.6	11.82	K5	11 4589
37	16 09	19.3	10.16	B9	168182
38	16 15	28.5	10.21	F6	11 4592
39	16 20	40.0	9.64	WC7	168206
40	16 52	19.6	11.48	B9	
41	16 58	56.9	10.35	A3	11 4595
42	17 01	36.0	11.88	B8	
43	17 04	19.5	—	F2	168393
44	17 18	30.0	10.61	A1:	11 4598
45	17 51	19.0	10.07	F5	168535
46	17 55	40.4	10.67	B9	11 4601
47	18 02	53.2	11.57	A2	
48	18 27	21.0	11.36	K0	11 4602
49	18 33	38.4	9.98	B8	168639
50	18 40	43.6	11.11	K3	11 4604
51	18 45	52.0	10.79	G2	
52	18 48	56.0	11.26	B5	
53	19 00	40.5	10.13	A1	168745
54	19 02	57.2	8.66	G5III	168746
55	19 07	42.0	10.68	F8	168763
56	19 09	26.5	11.10	G8	11 4608
57	19 12	11.0	12.33	A	
58	19 26	29.2	11.09	A2	11 4609
59	19 32	48.7	10.89	A1	11 4610
60	19 38	54.3	11.61	A0	
61	19 41	50.6	11.06	G0	11 4611
62	19 48	32.0	12.10	B9	11 4612
63	19 51	53.8	8.79	G2	168893
64	19 59	56.8	11.55	A2	
65	20 01	17.1	11.77	A0	
66	20 04	15.8	11.81	B8	
67	20 05	39.0	11.03	F0	11 4614
68	20 06	38.3	10.81	A5	11 4615
69	20 07	19.5	11.00	K2:	11 4616
70	20 11	26.2	11.29	A0	11 4617
71	20 40	27.8	—	B9	11 4619

—11°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
72	18h20m42s	—11°57'3	10.78	O6	11°4620
73	21 09	10.8	11.44	B5-B9	
74	21 14	25.5	11.51	A0	
75	21 21	56.3	10.76	B9	169206
76	21 27	07.5	12.05	A1	
77	21 28	16.4	11.34	G8	169252
78	21 33	36.3	11.87	B-A	
79	21 39	25.4	10.98	B9	169288
80	21 39	58.1	11.90	B8	
81	21 42	45.8	12.25	B-A	
82	21 42	34.8	12.37	A	
83	22 01	24.0	9.87	A7	169371
84	23 48	45.5	—	A0	11 4630
85	23 56	23.8	—	o91	169754
86	24 12	51.0	—	F2	11 4632

—12°

1	18h 7m54s	—12°18'2	11.81	B8	
2	8 00	12.0	10.72	A2	166335
3	8 07	57.4	9.93	F8	166362
4	9 45	33.7	10.91	A3	12 4944
5	10 00	47.2	11.01	A0	12 4945
6	10 09	04.6	—	B8	12 4946
7	10 21	18.0	11.59	A0	12 4947
8	10 42	25.7	10.67	A1	12 4948
9	10 54	53.8	10.47	O-BoI	12 4949
10	10 57	43.5	11.98	A0	
11	11 15	33.5	9.82	G2	167048
12	11 48	40.5	11.57	K0	12 4952
13	12 24	31.5	9.49	BoI	167311
14	12 26	33.2	8.80	O9I	167330
15	12 39	28.3	12.05	B9	
16	12 45	54.4	10.69	A0	167394
17	13 27	55.2	11.89	A1	
18	14 15	31.5	11.55	A1	
19	14 27	29.9	11.14	K3	12 4962
20	14 32	15.5	9.38	A0	167789
21	14 36	20.0	10.55	O-BoI	12 4964
22	14 39	44.8	9.63	K5I-II	167810
23	14 40	33.6	10.57	A3	12 4966
24	14 45	07.3	11.23	O-Bo	
25	14 56	31.5	9.45	Bo I	12 4970
26	14 58	17.3	10.30	K0III	12 4971
27	15 06	14.5	11.31	B2:	
28	15 06	45.0	9.26	B3IV	167925
29	15 08	18.0	—	B2	
30	15 09	36.0	11.05	B9	
31	15 15	16.2	—	Bo	
32	15 18	16.2	—	O8	
33	15 19	51.0	11.38	A2:	
34	15 21	12.3	—	Bo I	12 4982
35	15 23	33.8	11.58	B9	
36	15 27	28.8	11.19	B8	
37	15 33	13.7	11.23	B5	12 4985
38	15 33	53.3	10.71	B8	
39	15 34	40.8	11.26	A3	
40	15 49	55.5	11.04	K0	12 4987
41	15 52	08.2	9.08	O7	168112

—12°					
№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
42	18 ^h 15 ^m 58 ^s	—12°02'.3	10.81	B9	12°4989
43	15 59	14.5	10.39	B8	12 4990
44	16 01	28.5	—	B5	168135
45	16 05	38.4	10.22	A3	12 4992
46	16 12	33.5	11.06	A5	—
47	16 15	08.3	10.26	O-Bol	12 4994
48	16 17	24.0	11.49	A0	—
49	16 17	11.2	10.66	A0	12 4995
50	16 21	40.5	11.16	B9	12 4996
51	16 21	02.8	11.80	A1	—
52	16 27	05.2	11.29	F6	—
53	16 31	36.6	11.57	B8	—
54	16 33	19.5	11.34	Bo:	—
55	16 35	15.0	11.16	G5:	12 4997
56	16 42	42.4	10.74	A2	12 4998
57	16 44	19.6	10.47	KoIII	168299
58	16 46	39.1	10.24	KoIII-IV	168326
59	16 54	32.2	10.06	K2III	168350
60	17 00	31.7	9.65	F6	168367
61	17 03	29.5	10.01	A1	—
62	17 17	44.5	10.27	A3	168414
63	17 20	40.1	10.53	O-Bo	12 5008
64	17 28	12.0	9.98	Bo	168461
65	17 36	59.2	10.48	A2	13 4943
66	17 44	17.6	10.68	A0	12 5010
67	17 45	28.5	11.58	B8	—
68	17 46	52.5	9.90	A0	12 5011
69	17 46	08.3	10.97	A0	12 5012
70	17 55	16.2	11.34	A0	—
71	18 06	45.8	9.74	B9	168566
72	18 08	26.2	11.36	B9	—
73	18 14	04.8	11.33	A2	—
74	18 19	30.5	10.98	G8	12 5015
75	18 32	06.4	11.11	A2	—
76	18 36	30.1	—	B9	168658
77	18 47	29.2	—	A0	12 5017
78	18 51	25.8	11.15	Bo-B2	12 5018
79	18 58	56.0	11.64	B9	—
80	19 22	39.0	11.51	B	12 5019
81	19 25	22.8	10.88	F2	12 5020
82	19 48	04.2	11.74	G5-G8	—
83	19 57	03.0	11.38	B8	—
84	20 02	09.5	11.73	A7	—
85	20 07	40.3	12.00	Fo:	—
86	20 18	02.9	11.36	B8	—
87	20 21	15.8	—	A0:	—
88	20 23	40.5	11.46	G8	12 5023
89	20 24	02.6	—	B	169033
90	20 30	19.5	7.66	B9-A0	169064
91	20 46	41.5	10.84	G5	12 5028
92	20 46	53.5	11.52	Fo	12 5027
93	21 10	37.0	9.36	G5III	169170
94	21 42	58.4	11.03	G5	169289
95	21 51	42.1	9.55	A0	169313
96	21 53	30.2	11.37	M	169333
97	21 54	12.2	11.89	B5	—
98	22 01	11.8	11.65	B-A	12 5040
99	22 13	44.5	—	A0	—
100	22 16	41.7	—	B	12 5042
101	22 18	24.2	11.33	B9	12 5041

—12°					
№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
102	18 ^h 22 ^m 23 ^s	—12°20'.4	—	B	—
103	22 32	51.2	—	B5-B8	—
104	22 34	17.5	—	B-A	—
105	22 36	34.2	11.15:	B5III	12°5043
106	22 37	13.1	11.68:	G2	12 5044
107	22 37	48.0	—	A0	—
108	22 42	43.5	10.42:	Boe:	169515
109	22 48	54.3	12.28:	B8	—
110	22 57	23.6	—	B8	—
111	22 57	56.7	—	B5	12 5046
112	23 05	05.8	—	B8	—
113	23 25	17.4	—	A0	—
114	23 33	37.5	—	B5	—
115	23 37	09.8	—	B8	12 5047
116	23 37	27.9	—	B8:	—
117	23 44	22.0	—	B8	—
118	23 51	19.0	—	B5	169726
119	24 01	41.8	—	B5	169782
120	24 26	32.4	—	A1	12 5052
121	24 35	35.3	—	Go	169914
122	24 39	47.3	—	A1	12 5054
123	24 45	06.2	—	B-A	—
124	24 48	14.7	—	B-A	12 5056
—13°					
1	18 ^h 8 ^m 00 ^s	—13°00'.0	11.60	G8	166336
2	8 58	01.4	10.78:	B9	13 4873
3	9 26	32.3	10.46:	F8	166643
4	9 30	16.6	11.32	F6	13 4878
5	10 08	09.2	11.70:	A5	—
6	10 36	16.3	11.88	B9	13 4883
7	11 09	12.7	12.02	A2	—
8	11 18	21.0	11.08:	Go	13 4887
9	11 29	06.8	10.60:	A0	167085
10	11 48	25.4	11.01	A5	13 4889
11	11 50	29.6	10.84	A7	13 4890
12	11 56	10.0	11.17:	Fo	13 4891
13	12 30	56.5	10.27	F6	167331
14	12 44	24.2	—	F2	13 4894
15	12 54	12.4	11.56:	M	13 4895
16	13 05	36.0	8.90	Bol	167451
17	13 09	11.0	11.61:	B8	13 4896
18	13 24	06.0	11.11:	B9	13 4899
19	13 48	26.3	10.79:	B9	167630
20	13 54	03.8	10.28	B9	167629
21	14 09	21.0	12.17	A5	13 4905
22	14 12	52.1	10.12	F6	167695
23	14 17	25.5	12.16:	B8	—
24	14 37	45.6	11.75:	A0	—
25	14 41	39.0	10.44	B2III	13 4908
26	14 46	29.3	9.87	B9	167835
27	14 51	52.7	10.22	F6	167859
28	15 01	52.8	11.15	Bo	13 4912
29	15 10	15.8	10.52	A1	167927
30	15 12	46.5	10.88:	B9	13 4914
31	15 15	11.3	9.43	F8	167948
32	15 15	35.0	—	G5	13 4918
33	5 32	24.8	9.32	B2V	168015
34	5 36	52.4	10.35:	B3III	13 4920
35	1539	04.4	10.13	Go	168045

-13°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
36	18h15m40s	-13°52.2	10.11	B5III	13°4921
37	15 45	49.7		OBo	
38	15 45	49.9		OBo	
39	15 51	47.7		Bo:	
40	15 53	49.2		B5III	
41	15 56	48.3		BoIII	
42	16 03	51.8		O8	168073
43	16 05	34.3		K7II	168136
44	16 06	50.9	8.99	BoIII	
45	16 06	21.4	12.30	B8	
46	16 15	57.0	10.39	BoIV	13 4934
47	16 20	58.7	10.41	Boe	13 4936
48	16 27	20.0	11.91	A2	
49	16 29	56.7	10.60	B2:	13 4937
50	17 06	42.0	11.12	Go	13 4940
51	17 13	04.6	10.09	BoIV	13 4941
52	17 36	43.6	11.82	K2	13 4942
53	17 43	03.0	10.89	B9	
54	17 44	20.9	11.11	B5	13 4944
55	17 45	41.5	11.34	A3	
56	17 54	35.7	—	F8:	13 4945
57	18 00	40.4	11.06	B8	
58	18 18	36.7	11.51	B8	
59	18 28	49.5	9.33	A0	168624
60	18 33	07.5	10.10	F8	168640
61	19 10	20.3	10.94	A1	13 4951
62	19 12	03.8	11.89	A0	
63	19 18	15.2	11.74	B	
64	19 24	09.3	11.45	B5	
65	19 39	05.8	10.75	A0	13 4953
66	19 41	08.3	11.10	A0	13 4954
67	19 45	22.1	11.85	A0	
68	19 57	43.5	12.01	G2:	13 4955
69	20 06	26.8	10.76	A1	168933
70	20 26	46.4	13.40	WC	
71	20 27	38.3	9.49	B3I	169034
72	20 40	15.0	11.23	B8	13 4960
73	20 57	12.0	11.81	A0	
74	21 00	34.2	10.29	B9	169136
75	21 00	02.5	10.91	B2	13 4962
76	21 12	31.5	10.61	B9	169171
77	21 44	42.0	—	B3	13 4965
78	21 46	18.0	12.09	B8	
79	21 48	43.5	—	G5	13 4967
80	22 09	22.6	—	B9	169393
81	22 13	34.5	—	A3	169394
82	23 33	01.5	—	Go	169672

-14°

1	18h13m11s	-14°19.3	9.71	B3II	167497
2	13 45	18.4	10.85	B8	14°4963
3	13 55	09.2	11.34	B8	
4	14 18	18.0	9.99	A0	167742
5	14 38	05.0	11.26	K2	167811
6	14 42	16.5	10.22	B8	167836
7	15 00	06.2	10.16	F2	167899
8	15 30	22.6	—	B9	168016
9	15 33	12.0	10.19	K0	168048

-14°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
10	18h15m43s	-14°15.0	10.46	A2	168077
11	15 48	00.8	9.51	K0II	168097
12	15 49	13.4	—	B5	14°4990
13	16 09	01.5	8.52	BoIII	168183
14	16 15	13.4	12.24	K5	14 4993
15	16 18	11.6	9.67	Bo	168207
16	16 31	08.0	11.37	B2	
17	16 55	06.6	10.59	A0	168351
18	17 39	09.6	10.50	G2	168504
19	17 48	14.3	9.91	B3III	
20	18 12	11.4	10.89	F0	14 5009
21	19 12	03.2	—	B3:	14 5011
22	19 21	00.2	12.05	M	14 5012
23	20 35	00.2	—	A0	169084

Примечания:

δ	№ звезды № по ADS
— 10° 6	11209
— 11 12	11184
34	11246
53	11278
— 13 31	11237

УЧАСТОК II

+36°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
1	20 ^h 11 ^m 08 ^s	36°44'.0	13.26:	A3	
2	11 10	51.7	10.90	F2	36°3935
3	11 13	42.0	12.94:	A8	
4	11 15	51.6	11.59:	B5	
5	11 16	36.7	11.38:	A0	
6	11 19	34.2	8.67:	A3	192382
7	11 25	36.3	11.66:	B5	
8	11 31	57.1	11.71	F6	36 3939
9	11 36	40.0	12.31:	G	
10	11 59	28.3	—	B	36 3946
11	12 05	50.5	11.92	A2	
12	12 07	23.2	—	B	36 3947
13	12 11	38.8	9.80	B2V	36 3948
14	12 12	57.0	9.58	A7	36 3950
15	12 13	27.0	—	A	192538
16	12 25	58.8	9.07	A7	36 3952
17	12 28	47.2	8.96	B8	36 3954
18	12 39	30.2	7.94:	WC7	192641
19	12 40	39.0	—	B-A	192640
20	12 47	55.4	11.80	FO	
21	12 47	36.0	8.07	K2III	192661
22	12 53	18.0	11.67:	B2:	
23	13 03	42.0	10.76	O-BOI	
24	13 04	17.8	11.32:	B2III	36 3960
25	13 10	45.0	12.23	A0	
26	13 17	37.5	11.36	B	
27	13 20	42.3	—	B5	36 3963
28	13 23	59.1	11.17	B9	
29	13 25	46.6	11.75	A2	
30	13 26	29.6	10.07	A7	36 3965
31	13 30	36.7	11.60	F2	
32	13 30	46.0	11.61	A5	
33	13 33	28.2	10.82	BII	36 3966
34	13 38	24.7	—	Go	
35	13 43	40.5	10.03	B2III	36 3968
36	13 49	43.0	11.96	FO	
37	13 50	22.8	11.24	FO	
38	13 55	58.0	11.22	K2IV	36 3970
39	13 59	12.1	10.09:	BO:	35 4039
40	14 02	45.2	—	A3	36 3971
41	14 06	16.8	12.16	F	
42	14 11	39.8	10.12	K2III-IV	36 3973
43	14 17	11.0	—	B8	
44	14 18	20.3	12.09	G5	
45	14 24	39.1	11.32:	F6:	
46	14 24	36.7	—	F2	36 3974
47	14 27	59.5	11.65	F8	
48	14 30	54.5	9.17	B5V	36 3976
49	14 31	57.1	10.03	FO	36 3977
50	14 36	53.5	—	B	192987
51	14 42	41.8	—	K	36 3979
52	14 46	19.5	9.85	A5	36 3982
53	14 49	15.0	—	F8	36 3975
54	14 52	10.3	11.75:	F2	
55	14 54	37.3	11.57	A7	
56	14 57	59.6	9.38	K2III	36 3983
57	15 03	44.0	12.10	K3	
58	15 03	30.1	10.83	A4	36 3984
59	15 06	10.6	11.67	B5-B8	

+36°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
60	20 ^h 15 ^m 07 ^s	36°44'.0	11.45	A5	
61	15 08	16.8	—	B-A	35 4049
62	15 08	25.6	11.22	K2V	36 3985
63	15 12	32.2	10.36	A2	36°3988
64	15 25	43.5	10.78	A7	36 3989
65	15 38	42.2	11.56	Bo:	
66	15 39	53.1	10.99	K2III	36 3992
67	15 42	22.5	12.39	A2:	
68	15 45	12.1	11.14	K3	35 4053
69	15 47	16.2	8.62	F8	193204
70	15 54	48.0	11.86	B	
71	16 05	07.3	9.98	A5p	35 4057
72	16 09	59.8	8.24:	F5:	36 3994
73	16 13	22.6	11.72	F-G	
74	16 15	24.7	9.04	G5:	193291
75	16 15	51.1	11.38	F2	
76	16 17	30.7	8.61	A0	193290
77	16 18	15.0	11.76	B-A	
78	16 22	34.6	11.87	F8	
79	16 27	40.6	12.30	F5	
80	16 31	36.7	11.88	G5	
81	16 31	18.2	10.79	K3II-III	36 3997
82	16 34	06.1	—	B5	193344
83	16 36	50.2	—	A2	193369
84	16 49	30.7	10.11	F2	36 3999
85	16 53	35.2	11.85	G5:	
86	16 54	11.0	9.25	O	35 4062
87	16 59	48.0	9.88	Bo IV	36 4001
88	17 00	58.6	11.65	Go	
89	17 05	37.5	10.57	F6	36 4002
90	17 07	32.2	10.83	FO	36 4003
91	17 09	40.9	12.02	Go	
92	17 11	25.5	12.07	G5	
93	17 14	17.2	12.34	K2:	
94	17 15	35.2	7.87:	FO	193487
95	17 27	25.5	—	G8	36 4006
96	17 33	42.6	10.99	B2III	
97	17 42	33.5	12.02	F8:	
98	17 45	04.0	10.34	B2 I	35 4067
99	17 46	31.5	11.18	F2	
100	17 51	57.7	9.39	K0III	36 4007
101	17 52	21.5	11.47	B9	
102	17 57	57.8	—	B8	193621
103	18 00	40.6	11.69	F6	
104	18 03	25.3	10.56	B9	
105	18 05	07.0	8.25	A7	193636
106	18 06	22.6	11.80	A2	
107	18 08	42.4	12.01	Go	
108	18 11	24.5	9.49	A3	36 4010
109	18 14	22.5	10.73	F2	36 4013
110	18 18	50.2	—	A0	
111	18 24	44.4	11.78	B	
112	18 28	41.5	10.60	A4	36 4014
113	18 31	45.5	—	A7	
114	18 35	13.5	10.39	F6	35 4074
115	18 37	43.5	10.35	B3III	36 4016
116	18 54	53.8	10.22	K0III-IV	36 4017
117	18 54	07.3	—	A0	
118	18 56	09.7	—	F5	
119	19 05	47.0	8.58	FO	193815

+36°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
120	20 ^h 19 ^m 09 ^s	36°49.2	11.81	G2	
121	19 12	01.3	9.71	F5	35 4076
122	19 15	39.0	10.51	B0	36 4022
123	19 23	38.8	11.80	K2III	
124	19 24	08.2	9.76	F2	35 4079
125	19 27	17.4	11.35	G2	35 4080
126	19 27	36.0	11.94	K2	
127	19 30	46.3	12.59	M	36°4025
128	19 39	18.0	11.59	G2	35 4081
129	19 39	45.2		WN6	193928
130	19 39	59.2		A7	193927
131	19 42	27.4	11.46	K0 I-II	36 4029
132	19 42	08.3	11.34	A3	
133	19 45	21.7	9.61	F0	36 4030
134	19 46	58.3	11.70	B0	
135	19 48	46.8		B3	
136	19 52	38.8	11.65	A7	
137	19 55	45.0	11.40	G0	
138	19 57	03.0	10.64	A5	
139	20 01	28.5	12.05	A2	
140	20 01	41.6	10.20	B9	36 4033
141	20 14	04.6	10.40	K7 II	35 4083
142	20 14	30.5	11.45	F6	
143	20 21	46.9	11.56	B0:	
144	20 26	19.0	11.55	G2	
145	20 26	55.2	11.16	A5	
146	20 29	31.7	12.28	A3	
147	20 30	12.2	10.84	G5	35 4084
148	20 36	36.3	11.89	A2	
149	20 39	46.3	10.74	A5	36 4035
150	20 42	48.1	11.55	A0	
151	20 47	42.6	10.84	A3	36 4037
152	20 48	26.3	11.31	A2	
153	20 51	53.8	10.64	G8III	
154	20 58	22.6	11.49	G5	36 4039
155	21 00	37.3	11.28	F5	
156	21 02	57.0	11.88	B	
157	21 05	31.4	10.78	A1	36 4042
158	21 06	06.0	11.63	G5 V	35 4089
159	21 10	47.5	11.54	F8	
160	21 21	54.1	12.07	F0	
161	21 24	09.0	10.41	A8	35 4091
162	21 24	40.5	11.15	G5 V	36 4043
163	21 25	56.6	10.46	F2	36 4044
164	21 27	09.1	11.95	K3	
165	21 27	25.8	10.38	B9	
166	21 27	42.5	11.66	F2	
167	21 30	13.8	9.58	F2	35 4094
168	21 30	30.7	10.00	A1	36 4045
169	21 34	27.6	9.82	A5	36 4046
170	21 36	43.5	10.74	K2III	36 4047
171	21 39	09.0	9.49	F0	35 4095
172	21 39	26.8	11.97	F6:	
173	21 42	33.0	12.09	F	
174	21 43	46.0	9.05	B2 III	194303
175	21 53	20.2	11.70	A8	
176	21 54	26.7	12.20	B-A	
177	21 57	21.4	9.95	B0I	36 4050
178	21 57	51.7		B5	194357
179	22 00	32.2	11.86	A0	

+36°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
180	20 ^h 22 ^m 09 ^s	36°04.0	9.69	K5 I	194379
181	22 10	50.8		K0 IV	36 4052
182	22 17	59.1	11.01	A7	36 4053
183	22 24	07.3	11.59	B5	
184	22 40	23.6	10.25	B3 V	36 4056
185	22 42	59.8	11.55	A5	
186	22 45	21.0	11.89	B5	
187	22 52	53.7	10.60	K3I	36 4057
188	22 54	13.3	10.67	F5	35 4103
189	22 58	41.4	11.96	A7	
190	23 00	58.8	12.17	G0	
191	23 07	04.8	9.28	G8V:	35°4105
192	23 09	55.6	12.30	F8	
193	23 10	25.6		K5 V	36 4058
194	23 15	13.3	11.18	K0 III	35 4109
195	23 18	21.1	11.41	G8IV	36 4060
196	23 22	35.6	11.70	F2	
197	23 26	52.0	11.48	A1	
198	23 30	40.5	11.66	F8	
199	23 36	56.2	11.85	A1	
200	23 40	45.0	11.51	B-A	
201	23 45	29.1	11.43	F2	
202	23 46	57.5	10.73	B3	
203	23 51	49.3	10.70	K0IV	36 4064
204	23 51	58.5	9.29	G8III	194709
205	23 52	31.6	12.05	F2:	
206	23 53	15.3	9.81	A0	36 4062
207	23 54	32.7	11.91	G5:	
208	24 05	32.5	11.80	F2	
209	24 07	10.3	10.53	K7II-III	35 4114
210	24 11	12.1	11.28	G0	35 4112
211	24 12	44.2	9.89	F2	36 4067
212	24 18	09.5	9.48	F8	35 4116
213	24 25	44.7	11.61	G0	
214	24 30	48.6	11.84	A5	
215	24 35	35.4	11.12	G8	
216	24 36	32.8	11.58	A7	
217	24 40	10.6	11.39	A5	
218	24 41	48.0	9.27	A1	36 4071
219	24 48	25.5	8.12	B5	194840
220	24 48	51.0	12.19	F8	
221	25 04	26.2	12.59	A1	
222	25 06	41.0	12.32	B9-A0	
223	25 06	11.6	10.83	B5III	35 4121
224	25 08	34.5	12.21	A0	
225	25 11	51.2	12.40	B-A	
226	25 16	21.2	11.16	A0	
227	25 33	35.6	11.66	A7	
228	25 34	22.6	11.34	G0 V	36 4079
229	25 35	39.5	11.13	A3	
230	25 44	48.0	9.86	F2	36 4082
231	25 45	16.3	11.77	G5III	
232	25 46	28.3	11.45	F6	
233	25 54	28.6	11.79	F0	
234	25 58	19.9	9.12	B2V	195070
235	26 00	56.2	12.07	F8	
236	26 09	48.7	11.42	A3	36 4085
237	26 12	41.0	9.19	B0	195101
238	26 22	59.1	12.37	A7-F0	
239	26 27	33.7	11.85	G5-G8	

+36°

№	α_{1950}	δ_{1950}	mpg	Sp	HD B D
240	20 ^h 26 ^m 30 ^s	36°51'.0	11.72	Go	
241	26 38	46.6	0.96	Ao	36 4088
242	26 54	39.1	9.60	G8IV	36 4089
243	26 54	52.5	10.86	G5	
244	27 12	50.9	11.77	A3	
245	27 13	51.0	12.19	B3:	36 4091
246	27 18	35.2	10.88	Fo	36 4092
247	27 27	36.6	11.09:	B-A	
248	27 30	52.3	12.39	F2	
249	27 32	39.0	11.29:	Fo	
250	27 36	39.2	11.47	A3	
251	27 57	48.3	8.02:	Boo	195407
252	28 00	53.0	11.55	G8IV	36°4096
253	28 12	55.6	9.24	F2	36 4100
254	28 17	46.0	11.92	Ao	
255	28 18	59.7	9.47	K2II-III	195465
256	29 10	59.2	12.42:	G5IV	36 4107
+37°					
1	20 ^h 11 ^m 06 ^s	-37°36'.1	10.62	G8III	37 3829
2	11 07	09.3	10.93:	B3:	
3	11 09	27.4	11.38	F8	
4	11 14	49.6	10.26	Fo	37 3830
5	11 17	50.2	11.70	F6	
6	11 22	04.6	11.63	F6	
7	11 30	35.0	11.51	M8III	37 3831
8	11 31	13.5	12.28	Go:	
9	11 36	23.2		A3	
10	11 36	07.6	10.79	B8	36 3940
11	11 37	26.5	11.44	B8	
12	11 39	32.8	11.96	B9	
13	11 42	10.5	12.48	A3	
14	11 45	15.1	11.16	F2	36 3942
15	11 45	31.6	9.58	K2III	37 3833
16	11 46	06.1	12.19	B-A	
17	11 49	26.1		A2	
18	11 54	15.7	11.28:	A7:	36 3944
19	11 56	08.2	8.73	O9	36 3945
20	12 05	06.0	11.33	A2	
21	12 07	59.2	11.12	B	
22	12 13	36.0		B3I	37 3835
23	12 15	14.2	10.41	Ao	36 3951
24	12 15	45.7	10.65	G5IV	37 3836
25	12 23	27.0		A2	37 3839
26	12 24	12.0	11.05	F8	36 3953
27	12 27	51.2	9.51	B9	37 3840
28	12 33	51.7	9.58	F2	37 3841
29	12 35	29.2	11.45	A2	
30	12 39	11.8		O	36 3958
31	12 43	06.6	12.40	B	
32	12 44	25.3	9.23	A7	37 3842
33	12 54	07.3		F2	
34	12 54	42.5	11.38	K3III	
35	12 59	36.4	11.28	G2	
36	13 05	13.2	9.06	B2III	36 3961
37	13 06	58.8	8.77	B	37 3844
38	13 06	47.5	11.71	A7	
39	13 12	13.6	8.02:	Ao	192745
40	13 15	54.0	10.02	G5	37 3846

+37°

№	α_{1950}	δ_{1950}	mpg	Sp	HD B D
41	20 ^h 13 ^m 15 ^s	37°32'.0	7.60	F2	192744
42	13 17	28.5	9.80	B8	37°3847
43	13 18	06.2	8.46:	B2 V	36 3964
44	13 31	26.0	9.31	B9	37 3849
45	13 33	23.8	9.95	Ao	37 3850
46	13 38	32.8	10.54	K3 III	37 3851
47	13 40	10.3	10.24	F2	36 3967
48	13 43	03.2	9.79	F8	36 3969
49	13 43	16.5	10.71	BoV	
50	13 44	44.3	11.30	Fo	
51	13 52	30.6		B8	
52	13 53	15.0	11.84	F5	
53	13 54	51.0	10.79	B9	
54	13 54	33.0	11.57	B3	
55	13 54	05.8	11.84	B8	
56	13 56	40.5	11.56	B-A	
57	13 57	49.3	10.24	A2	37 3854
58	14 11	37.5	11.07	B5:	
59	14 12	23.8	11.01	A2	
60	14 15	28.4		B9	37 3855
61	14 16	09.0	11.78	G5	
62	14 18	23.7	10.29	B2 III	37 3856
63	14 22	06.0	10.98	G5	36 3975
64	14 23	42.0	11.20	K	
65	14 33	16.8	9.60	B5 V	37 3858
66	14 38	28.8		Bo V	37 3859
67	14 39	45.7	9.15	B2	37 3861
68	14 39	28.5		BoI-II	193007
69	14 42	28.6		Bo V	37 3862
70	14 45	31.5	9.38	B2 III	
71	14 47	49.3	11.01	Fo	
72	14 49	17.2	7.91:	Fo	193033
73	14 54	30.7	10.94	B9	
74	15 00	01.0	11.45	G2 III	
75	15 02	21.1	9.55	K2 III	37 3865
76	15 06	01.5	8.64	G8	36 3986
77	15 07	31.3		B	193076
78	15 09	15.3	8.07:	WN6	193077
79	15 10	57.8	10.71	B5	
80	15 22	39.5	11.22	G	
81	15 38	08.6	9.39	O6f	36 3991
82	15 39	27.1	8.58	F2	193184
83	15 39	56.5	11.37:	B5	
84	15 45	30.7	11.81	Fo	
85	15 48	57.3		B	
86	15 53	42.4	10.57	B3 III	37 3869
87	15 57	52.5		PCyg	193237
88	16 00	16.4		Fo	
89	16 01	46.3	10.55	B3	
90	16 01	01.6		Fo	
91	16 03	39.0	10.55	B3 III	
92	16 06	45.2	11.15	F5	
93	16 07	25.5	10.35	F8	37 3872
94	16 17	00.1	11.82	B8	
95	16 18	51.7	10.95	B2V	
96	16 21	04.6	11.85	B	
97	16 24	16.0	11.43	B9	
98	16 35	17.1	9.68	F8	37 3875
99	16 37	34.5	11.54	G5	
100	16 38	25.5	11.47	B	

+37°

№	α_{1950}	δ_{1950}	m _{pg}	Sp	HD BD
101	20 ^h 16 ^m 48 ^s	37°56.2	11.60	B5-B8	
102	16 51	49.5	11.51	B8:	
103	16 55	05.2	10.14	Bo I	36°4000
104	17 01	20.5		F8	
105	17 01	37.6	10.04	B5 II	37 3877
106	17 02	40.6	8.64	Bo V	193444
107	17 08	45.0	12.16	F6	
108	17 08	34.3	11.20	K3:	37 3880
109	17 13	13.8	10.31	Bo III	36 4004
110	17 16	36.2	8.85	B2 III	193516
111	17 17	09.1	11.51	A3	
112	17 18	03.1	11.79	B	
113	17 24	29.8	8.57	A0	193537
114	17 27	18.2	11.29	B	37 3884
115	17 32	29.2	10.63	A5	37 3886
116	17 39	44.8		F6	
117	17 39	27.0	12.19	F8	
118	17 41	07.2		B	
119	17 43	56.1		B5:V	37 3888
120	17 50	16.9	10.76	A0	
121	17 51	49.5	11.70	B9	
122	17 51	33.2	8.36	B9	193612
123	17 58	35.0	10.25	A5	
124	18 06	32.0	11.56	F2	
125	18 06	14.8	8.36	A2	193635
126	18 08	08.2	10.98	G8	36 4011
127	18 10	04.0	10.32	B9	36 4012
128	18 15	15.8	11.48	A7	
129	18 18	40.0	8.60	O9	193682
130	18 21	45.2	10.88	A1	37 3893
131	18 30	10.5	10.15	G0	36 4015
132	18 30	46.9	10.71	F0	37 3895
133	18 39	46.0	12.41	G-K	
134	18 43	34.4	12.08	F8	
135	18 43	48.9	11.93	B5	
136	18 50	41.7	11.24	B8	
137	18 56	07.5	11.22	F8	36 4018
138	19 00	16.8	9.20	F0	36 4019
139	19 00	46.0	12.02	A3	
140	19 03	48.5	11.49	F2	
141	19 05	34.3	9.27	Bo II	37 3898
142	19 06	54.1	10.97	B8	
143	19 08	07.0	12.12	A7	
144	19 11	11.0	9.91	F0	36 4021
145	19 24	14.2		O-Bo I	36 4024
146	19 25	25.8	11.25	K3 III	37 3899
147	19 30	35.2	11.61	K0	
148	19 32	41.8	10.65	Bo III	37 3901
149	19 32	03.7	11.10	G2	36 4026
150	19 36	14.5	11.50	F8	
151	19 38	36.0	10.48	A0	
152	19 39	51.7	10.98	O9	
153	19 41	55.5	10.81	K0 V	37 3902
154	19 48	15.0		Be	
155	19 55	49.4	10.82	B5 I	37 3905
156	20 06	11.7	11.26	K3 III	36 4034
157	20 09	59.8		G0	
158	20 17	33.1	11.40	B9	
159	20 23	56.0	8.87	K0 III	194095
160	20 32	46.5	10.37	A1	

+37°

№	α_{1950}	δ_{1950}	m _{pg}	Sp	HD BD
161	20 ^h 20 ^m 39 ^s	37°12.0	10.89	F5	36°4036
162	20 45	57.5	9.46	Bo I	194153
163	20 47	43.8	11.81	G5	
164	20 54	48.0	10.20	Bo I	37 3910
165	20 58	16.3	8.51	G0	194177
166	21 00	10.9	11.19	G8 V:	36 4041
167	21 02	50.7	9.24	G2	37 3911
168	21 05	58.2	11.04	A1	
169	21 06	03.5	11.18	Bo:	
170	21 10	42.0	11.44	F5	
171	21 14	30.4	10.38	K0 III	37 3914
172	21 20	16.4	11.26	A1	
173	21 24	31.5	12.01	F8	
174	21 31	25.3	11.62	K2 III	
175	21 42	08.2	10.75	Bo I	364048
176	21 46	10.9	11.98	A3	
177	21 49	38.2	10.31	A0	37 3915
178	21 52	43.8	11.10	Bo:	37 3917
179	21 57	49.0	8.53	A0	194356
180	21 58	38.8	11.96	B-A	
181	22 13	34.5	9.42	B8	37 3919
182	22 21	10.0	9.69	F0	36 4054
183	22 30	31.6	12.15	F8	
184	22 33	07.6	10.70	F0	36 4055
185	22 39	43.6	9.99	B9	37 3924
186	22 40	33.2	11.11	F2	
187	22 47	21.7	9.68	A0	37 3925
188	22 51	21.3	11.66	G2	
189	22 55	49.5	10.71	B8	
190	22 57	04.8	12.44	F6	
191	22 59	56.8	11.20	F2	
192	23 06	56.7		F8	37 3926
193	23 11	16.3	12.36	B8	
194	23 12	03.4	12.40	G0	
195	23 16	17.5	11.37	O-Bo I	37 3927
196	23 23	55.5	11.38	F8	
197	23 27	52.3	10.58	A0	37 3928
198	23 29	32.0	10.68	F2	37 3929
199	23 39	00.0	11.52	F8	
200	23 39	15.8	11.15	F2	
201	23 41	16.5	12.13	A4	
202	23 43	09.0	10.92	F2	
203	23 49	12.0	10.83	Bo I	36 4063
204	23 49	26.8	12.30	F0	
205	23 51	07.8	10.97	B9	
206	23 55	27.7	10.44	F2:	37 3930
207	23 57	19.0	9.46	B8	37 3932
208	24 01	16.6	9.49	B2 IV	36 4066
209	24 08	58.6	11.52	B5	
210	24 09	11.8	11.54	F8	
211	24 18	04.5	11.31	A0	
212	24 23	44.2	11.31	B8	
213	24 24	17.0	9.07	A0	36 4069
214	24 29	00.6	12.19	A0	
215	24 32	35.2	11.62	F8	
216	24 36	33.0	11.79	K2 III	
217	24 39	06.6	12.48	B9:	
218	24 39	19.5	9.73	A2	37 3933
219	24 45	24.1	11.02	A3	
220	24 47	09.0	11.46	F6:	

+37°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
221	20 ^h 24 ^m 53 ^s	37°12'0	11.14	F6	36°4074
222	24 58	57.0	11.12	Ko III	37 3936
223	25 00	09.2	9.60	F8	36 4075
224	25 00	26.8	8.90	B3 III	194910
225	25 02	46.5	10.96	Fo	
226	25 06	15.1	11.89	F2	
227	25 07	45.7	10.46	G8 IV	37 3937
228	25 09	23.2	9.99	F5	37 3938
229	25 10	39.0	11.76	Go	
230	25 12	51.0	12.05	B9	
231	25 16	08.8	11.95	F8	
232	25 17	55.5	10.95	G2V	
233	25 21	47.6	11.78	F6	
234	25 35	29.2	11.64	Bo:	
235	25 36	19.6	12.11	Ao:	
236	25 42	24.7	10.53	Ao	37 3939
237	25 49	43.6	11.19:	K5 II	
238	25 53	06.6	10.17	A2	36 4083
239	25 55	40.3	12.14:	B-A	
240	26 00	44.0	12.29	F6	
241	26 04	30.1	11.46	B5	
242	26 05	52.5	10.24	Ao	37 3942
243	26 06	50.8	10.93	F8	37 3943
244	26 09	24.1	11.23	A5	
245	26 23	14.1	11.88	F6	
246	26 27	45.0	11.78	F6	
247	26 30	00.5	11.02:	A1	36 4087
248	26 31	51.0	12.01	F6	
249	26 36	25.3	12.52	A3	
250	26 39	37.0	9.31:	M5 III	195178
251	26 48	23.0	9.86	B3 V	37 3947
252	26 56	19.3	11.34	F8	
253	26 57	13.3	12.38	M5 III	
254	27 10	33.2	10.70:	B9	
255	27 13	43.8	11.22	F2	
256	27 15	19.6	12.22:	Go	
257	27 21	59.5	12.20	A1	
258	27 23	45.1	11.26:	F2	
259	27 23	20.2	8.24	F8	195323
260	27 25	57.8	11.62	F8	
261	27 30	19.8		B5 III	37 3951
262	27 35	14.7	12.09:	A2	
263	27 35	02.2	11.72	F6	
264	27 41	43.5	12.00:	Go	
265	27 45	22.5	11.78:	A5	
266	27 48	35.4	12.04:	Go	
267	27 53	03.7	11.87	Go	
268	27 59	36.0	11.08:	Fo	
269	28 05	52.4	12.15	A1	
270	28 09	50.1	11.30:	G2	
271	28 12	10.0	11.60	A3	
272	28 16	26.6	8.35	B8	195464
273	28 21	39.0	11.42	F2	
274	28 23	52.6	11.29:	A5	
275	28 33	42.5	10.95	F:	
276	28 35	19.3	8.66	B3 V	195508
277	28 36	37.5	11.48	G8 III	
278	28 37	09.1	10.27:	Fo	36 4103
279	28 53	39.0	11.34	A5	
280	28 56	38.8		Ap	

37°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
281	20 ^h 29 ^m 05 ^s	37°01.5	11.15:	K3 III	36°4104
282	29 06	25.2	11.14:	F2	
283	29 12	42.0	10.78:	G5:	37 3958
284	29 18	13.5	12.53	A2	
285	29 21	00.0	11.48	B9	36 4108
286	29 24	52.5	12.80:	Ao	
287	29 27	21.0	11.97	G5:	37 3959
288	29 30	39.7	9.47	F2	37 3960
289	29 31	27.0	11.82	F6	
290	29 38	49.8	11.92	F6:	
291	29 39	30.0	11.67	A5	
292	29 45	57.7	10.49	B9	37 3961
293	29 48	31.5	12.36	F2	
294	29 48	13.6	12.31	Fo	
295	29 50	51.0	12.24	F8:	
296	29 51	25.5	12.07	A3	
297	29 54	15.2	12.25	G5 III	
298	30 03	30.0	11.26:	A3	
299	30 08	33.0	10.45:	B3V	37 3964
300	30 09	22.4	10.21	B8	37 3965
301	30 12	12.1	8.19	B9	195789
302	30 14	25.5	11.68	K2 II	
303	30 18	24.1	11.99	F6	
304	30 24	16.0	9.98	F2	36 4117
305	30 27	58.6	11.26:	Ao	
306	30 29	34.6	10.73::	A1	37 3967
307	30 53	55.7	11.91	B8	
308	30 57	41.8	11.97	A1	
309	31 00	47.8	11.60	G5 IV	
310	31 06	52.5	11.26:	F6	
+38°					
1	20 ^h 10 ^m 48 ^s	38°12.0	10.36	F6	
2	10 51	33.0	10.39	F5	38°3947
3	10 53	25.6	11.39:	K2	38 3950
4	10 54	14.2	9.01	F6	37 3827
5	10 58	04.5	9.00	B2 III	192303
6	11 02	13.2	12.12	B8	
7	11 07	49.5	11.75	F6	
8	11 12	49.8	9.57	F8	38 3951
9	11 14	46.8	10.58	Ao	
10	11 15	19.8	8.54	B8	192361
11	11 22	18.0	11.50	A2	
12	11 28	27.3	11.05	K2 I	
13	11 29	43.6	10.61	Fo	38 3955
14	11 33	26.0	10.29	B3 V	
15	11 37	49.5	11.40	B2:	
16	11 39	19.5	8.63	B2 III	192444
17	11 41	12.0	10.80	G8	37 3832
18	11 45	07.6	10.66	F8	
19	11 46	16.6	11.24	B8	
20	11 48	34.0	11.59	M2	38 3960
21	11 53	59.8	11.70	B	
22	12 03	19.9	11.89	F5	
23	12 09	04.8		B8	192537
24	12 15	47.2	11.98	B8	
25	12 16	05.2	9.57	B2 II	37 3837
26	12 29	37.8	11.53	B8	
27	12 30	52.6		Ao	
28	12 30	19.8		B8	38 3964

+38°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
29	20 ^h 12 ^m 34 ^s	38°30.1	11.15	F5	
30	12 35	12.4	10.64	F2	
31	12 39	52.8	11.48	F2	
32	12 43	40.8	11.72	G5	
33	12 48	46.5		B2 IV	38° 3965
34	12 50	19.8	10.93	K5 I-II	38 3966
35	12 54	03.8	9.70	B9	37 3841
36	13 00	18.0	9.61	B0 III	38 3968
37	13 06	44.5	11.37	F6:	
38	13 10	20.0		A3	
39	13 12	04.5	10.98	F8:	37 3848
40	13 12	40.2	11.45	B5	
41	13 24	27.2	7.86	B9	192766
42	13 24	06.0	11.33	B3 V	
43	13 29	12.7	11.15	B5 V	
44	13 30	28.3		A1	
45	13 36	54.4	9.55	A3	38 3972
46	13 38	52.8	9.42	B8	38 3973
47	13 39	03.7	9.65	B8	37 3852
48	13 39	58.3	9.94	F2	38 3974
49	13 40	38.2	11.69	G	
50	13 41	22.3	11.59	A1	
51	13 49	24.0	12.02	F8:	
52	13 51	13.3	12.39	B8	
53	13 55	06.6	10.35	A5	37 3853
54	13 57	52.9	11.65	A-F	
55	13 58	52.5	11.32	B8	38 3975
56	14 02	29.7	12.39	B9	
57	14 09	47.2	10.23	F2	
58	14 15	45.0		B8	192934
59	14 19	23.8		B2 V	38 3976
60	14 21	17.2	11.27	F6	37 3857
61	14 24	43.1	10.48	B5 V	
62	14 25	58.6	11.56	F2	
63	14 30	55.3	10.90	A0	
64	14 31	16.0	11.69	A2	
65	14 33	39.0	11.49	M3 III	
66	14 35	50.5	11.02	A5	
67	14 37	55.5	10.61	F0	
68	14 42	12.0	11.90	A7	
69	14 51	45.0	8.29:	B0 III	193032
70	15 02	04.5	10.70	G8	
71	15 07	57.5	11.16	B5	
72	15 10	24.1	10.92	B8	
73	15 13	12.7	12.04	F2	
74	15 17	49.5	11.40	A2	
75	15 19	40.2	10.86	F0	38 3983
76	15 24	40.6	10.93	B0 I	38 3984
77	15 25	57.6	11.30	F6	
78	15 28	55.0	12.05	F2	
79	15 31	28.0		B5	
80	15 31	38.1	11.74:	B5	
81	15 33	04.6		B0-B2	193183
82	15 37	54.1	9.52	B5	38 3987
83	15 41	25.6		B8	
84	15 42	13.3	10.96	F0	
85	15 45	24.2	9.89	B5	38 3988
86	15 46	53.5	11.65	F8:	
87	15 51	47.0	9.34	G8 IV	38 3990

+38°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
88	20 ^h 15 ^m 54 ^s	38° 27.0	10.10	B3 V	38° 3991
89	15 56	46.5	9.19:	B2 III	38 3994
90	15 56	22.6	10.67	F6	38 3996
91	16 06	38.1	8.76	K2 III	37 3873
92	16 09	16.3	11.59	B3 I	
93	16 11	54.0	10.01	F2	37 3874
94	16 15	08.1	8.71	K0 IV	38 3997
95	16 18	34.3	10.46	B3 III	
96	16 18	09.0	11.00	B	
97	16 24	16.3	9.60	A0	
98	16 26	30.0	10.95	B2 V	38 3999
99	16 36	03.5	9.22	B5	
100	16 40	43.5		B0	38 4000
101	16 51	08.8	11.14	B	
102	17 01	07.3	7.25	O	193443
103	17 09	51.0	8.41:	K5 I	193469
104	17 12	33.2	10.78	A4	
105	17 14	05.8	10.84	A7	
106	17 15	45.2	10.72	F2	
107	17 18	00.0	8.60	K0 III-IV	193515
108	17 19	45.5	10.74	F2	
109	17 21	01.5	11.61:	A5	
110	17 25	44.2	11.76	K3 III	
111	17 28	49.5	10.67	K5 V	38 4007
112	17 28	34.3	11.03	A5	
113	17 30	34.8		B8	
114	17 31	15.1	10.24	B5 I	37 3887
115	17 34	01.3	11.90	A0	
116	17 36	28.9	8.29:	F0	193576
117	17 42	34.5		WN6	193595
118	17 43	54.1	10.46	O8	38 4009
119	17 43	20.1	11.20	A7	
120	17 48	25.6	8.95	B3 V	
121	17 48	10.5	8.81	B0 V	193611
122	17 48	58.0	9.96	A3	38 4014
123	17 51	01.5	11.63	B2 V	37 3891
124	17 52	27.5		B5 V	
125	17 57	26.2	7.37:	B0 II	38 4016
126	17 59	10.9	11.86	B3 III	193634
127	18 05	19.3	11.21	F6	
128	18 09	43.0	11.15	G5	
129	18 11	58.3	11.21	B5 I	
130	18 17	30.7	10.07	B2 III	
131	18 18	49.6	10.07	B0 III	38 4018
132	18 19	30.0	11.39	B0-B2	
133	18 23	14.8		A0	
134	18 25	41.2		B8	
135	18 30	32.6	10.48	B0 III	38 4023
136	18 33	20.2	8.58	Go V	38 4026
137	18 34	49.3	10.94	B8	
138	18 36	48.7	10.71	A0	
139	18 42	33.0	11.45	B5 III	
140	18 50	06.0	12.26	B2 III	
141	18 54	13.3	11.59	Go	
142	18 56	33.7	11.53	G5	
143	18 57	05.8	7.30	B3 V	193814
144	18 58	39.0	11.46	B9	
145	19 02	24.1	10.56	K2 V	
146	19 05	19.3	11.45	F2	
147	19 09	24.0	9.02	F2	38 4030

+38°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
148	20 ^h 19 ^m 11 ^s	38°51'.6	9.84	B3 III	
149	19 13	18.0	11.96	F	
150	19 14	25.6		A7	
151	19 17	13.5	11.92	F0	
152	19 18	52.6		B2 III	193855
153	19 22	25.5	11.77	B	
154	19 24	10.5	8.55	B9	193890
155	19 27	00.3	11.97	A0	
156	19 35	25.6	12.59	B0	
157	19 36	00.0	12.55	B—A	
158	19 36	10.5	10.33	G2	
159	19 37	24.7	11.35	A7	
160	19 43	42.7	10.83	A:	
161	19 45	27.1	10.14	BoV	38°4034
162	19 48	20.2	12.28		
163	19 48	54.0	11.29	A2	
164	19 51	33.0	11.37	K2 III	
165	19 57	08.7	8.94	B9	193984
166	19 59	16.6	10.78	F2	37 3906
167	20 01	28.3	9.15	B2 III	194009
168	20 05	11.8	11.58	F8	
169	20 06	25.6		A3	
170	20 13	45.7	11.21	A5	38 4039
171	20 16	47.5	11.61	G5	
172	20 17	13.9	11.16	B5 III	
173	20 20	23.8	10.42	A7	38 4040
174	20 22	59.8	9.59	K2 III	194070
175	20 23	26.5	11.49	B5:	
176	20 24	58.5	9.80	B9	38 4041
177	20 30	33.8	9.37	Bo V	194094
178	20 35	45.0		B2 V	38 4044
179	20 37	37.5	10.81	B2 V	
180	20 42	24.4	11.08	K2 II	38 4045
181	20 45	55.0	10.76	G5 V	38 4047
182	20 45	29.8	12.37	K3:	
183	20 51	00.5	11.39	B3 III	
184	20 53	18.5	10.89	K2 III	38 4048
185	20 54	30.0	11.36	F0	
186	21 02	10.4	10.61	K2 II	37 3912
187	21 02	32.2	10.49	B5 I ^{II}	
188	21 04	35.2	9.64	A2	38 4049
189	21 12	17.8	9.63	Bo	37 3913
190	21 15	35.8	8.96	B9	194207
191	21 17	56.0		B9	
192	21 18	36.7	11.47	G5	
193	21 29	13.5	11.26	A0	
194	21 32	23.2	12.01	F6	
195	21 34	49.5	10.23	A1	38 4056
196	21 36	26.8	11.63	B3	
197	21 36	46.8		Bo I	194280
198	21 38	10.3	11.99	A2	
199	21 45	55.6	11.02	G8 III	38 4060
200	21 48	40.5	9.51	A2	38 4061
201	21 56	20.2	9.95	O6e	194378
202	22 00	19.6	8.94	F2	38 4065
203	22 01	07.4	11.63	K0	
204	22 05	18.1	10.04	O9 I	
205	22 07	06.3	12.23	K2	
206	22 09	09.5	11.48	F5	
207	22 09	22.0	10.74	A5	38 4067

+38°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
208	20 ^h 22 ^m 09 ^s	38°56'.5	10.21	O9	38°4070
209	22 10	04.2	12.08	A	
210	22 11	21.0	9.34	O9 I	38 4069
211	22 14	22.5	9.68	Bo I	38 4071
212	22 17	19.0	9.70	Bo I	
213	22 19	09.5	10.08	A7	
214	22 20	09.0	9.28	A5	194447
215	22 22	34.8	12.09	F6:	
216	22 27	07.0		B5 V	194466
217	22 35	19.5	10.16	B8	38 4073
218	22 36	39.2	10.18	K5 II	38 4075
219	22 42	21.0	10.69	B8	
220	22 45	16.5	12.20	F2	
221	22 48	07.5	11.74	F0	
222	22 59	39.1	10.65	F2	
223	23 03	48.2	11.30	Bo-B5	38 4078
224	23 05	23.8	11.73	F5	
225	23 08	15.7		F2	
226	23 18	33.0	11.27	F5	
227	23 23	36.1	11.43	A5	
228	23 29	53.8	11.75	F6	
229	23 29	28.2	11.49	Go V	
230	23 37	07.5	12.57	A1	
231	23 44	44.8	11.56	K5 III	38 4079
232	23 45	15.1	12.69	A3	
233	23 48	59.8	12.42	F6	
234	23 52	57.7	12.25	F6	
235	23 54	36.6	10.98	A5	
236	24 06	51.1	11.21	F2	
237	24 20	42.0	8.17	A5	194790
238	24 27	36.1	11.82	F6	
239	24 28	05.8	11.75	F5	
240	24 35	06.0	11.55	G8 IV	
241	24 39	30.7	10.49	A3	38 4086
242	24 50	51.6	11.75	G5	
243	24 51	15.1	9.21	A2	194887
244	24 51	42.1	11.13	F2	
245	24 54	12.7	11.56	A5	
246	24 56	52.6	9.25	A1	194886
247	24 59	28.5	11.63	K0 III	
248	25 04	58.8	12.33	A1	
249	25 05	46.3		A5	38 4090
250	25 13	59.7		A3	
251	25 21	43.3	9.68	K2 III	194988
252	25 27	27.2	10.28	A5	38 4094
253	25 29	45.0	11.99	F6	38 4096
254	25 31	30.2	11.66	F5	
255	25 32	03.0	11.97	A0	
256	25 36	52.5	11.99	G8	
257	25 40	52.6	11.23	F8	38 4097
258	25 42	36.6	9.76	B9 I	38 4098
259	25 47	46.5	12.11	F0	
260	26 00	21.1	10.40	B9	
261	26 01	44.8	12.19	A5	
262	26 18	12.1	8.10	A0	195132
263	26 23	10.5	10.79	A5	37 3945
264	26 28	11.5		Bo II	
265	26 36	24.7	12.89	WC 6	
266	26 38	51.2	11.13	A7	
267	26 41	59.8		K5 I	195214

+38°

№	α_{1950}	δ_{1950}	m _{pg}	Sp	HD BD
268	20 ^h 26 ^m 43 ^s	38°59'7"		F5	
269	27 02	59.9	11.22	A5	38°4107
270	27 06	30.7	11.87	F8	
271	27 12	21.0	10.83	F5	
272	27 19	58.4	11.19	F5	
273	27 26	21.0		G5	
274	27 30	10.3	11.61	B9	
275	27 30	45.0	11.17	A1	
276	27 38	48.0	8.45	A0	195377
277	27 44	47.0		B2 V	195393
278	27 55	47.8	11.91	F2	
279	28 06	27.7	11.86	K5 V	38 4118
280	28 09	22.6		F2	38 4119
281	28 12	34.7	11.40	B8	
282	28 18	13.0	9.63	F0	37 3954
283	28 19	06.5	11.51	F6-F8	
284	28 25	30.0		F8	
285	28 25	52.5	11.70	Go V	
286	28 30	56.2	10.95	A5	
287	28 35	23.8	8.69	A0	195507
288	28 36	47.0	9.90	F2	38 4122
289	28 37	07.5	12.28	F8	
290	28 39	42.0	9.22	B3 V	38 4123
291	28 42	49.6	9.52	B3 V	38 4124
292	28 45	40.5		B8	
293	28 48	31.5	11.55	K3 II	
294	28 51	16.9	12.14	A0	
295	28 54	05.8	11.48		37 3956
296	29 02	55.5	11.84	F2	
297	29 06	30.0	11.34	G5 V	
298	29 07	18.1	11.83	A0	
299	29 08	21.7	11.13	F2	38 4126
300	29 11	15.1	11.14	B5 III	37 3957
301	29 17	08.0	11.62	F2	
302	29 17	46.6	11.52	A3	
303	29 20	27.3	10.68	G8 IV	38 4127
304	29 26	45.6	11.54	G8 V	38 4128
305	29 27	48.5	11.34	A5	
306	29 30	53.2	12.02	B9	
307	29 33	19.6	10.87	F0	38 4129
308	29 48	54.7	12.35	B8	
309	29 52	21.2		B9	38 4133
310	30 07	09.1	11.17	Go	37 3963
311	30 09	27.1	10.47	Ko III	38 4135
312	30 13	21.0	12.05	F8	
313	30 17	48.1	10.73	K2 V	38 4136
314	30 18	19.3	10.79	A2	37 3966
315	30 23	36.2	11.41	A4	
316	30 23	56.5	11.71	A5	
317	30 28	34.5	12.38	K3	
318	30 30	56.8	12.69	A0	
319	30 38	33.0	12.33	G5 V	
320	30 39	01.7	11.89	Go:	
321	30 42	01.5	10.91	A3	37 3969
322	30 45	03.0	13.07	A2	
323	30 49	21.8	12.43	A1	
324	30 59	03.5	11.52	Ko III	

+39°

№	α_{1950}	δ_{1950}	m _{pg}	Sp	HD BD
1	20 ^h 10 ^m 38 ^s	39°35'2"		A0	39°4080
2	10 39	01.5		F8:	
3	10 42	00.3	11.72	B5	
4	10 50	21.7	12.17	B8:	
5	10 50	08.4	11.91	K5 II	
6	10 54	02.2	11.91	A0	
7	11 01	07.5	11.26	A5:	
8	11 09	33.0		G2	
9	11 10	38.7		B9	39 4084
10	11 13	20.2	9.83	Ko IV	39 4085
11	11 16	46.5		K	39 4086
12	11 24	29.1	12.32	A0-A3	
13	11 25	28.3	12.55	A1:	
14	11 28	12.4	12.16	Go:	
15	11 30	49.8		F2	38 4088
16	11 31	36.0		F6	
17	11 37	07.0	10.38	B9	38 3959
18	11 42	51.0		F6	
19	11 42	32.8	9.71	B9	39 4089
20	11 44	03.0	10.86	B8	
21	11 45	00.0	11.50	K3 II	
22	11 50	44.0		G8:	39 4090
23	11 55	10.5	11.95	G2	
24	11 58	23.5	9.79	A1	39 4091
25	11 59	45.4		G8	39 4092
26	12 01	11.5	11.76	G5	
27	12 03	14.8	10.09	A0	38 3961
28	12 05	15.6	11.30	F8	38 3962
29	12 06	00.2		A7:	192536
30	12 07	37.2		F6	
31	12 22	07.6	11.38	B9	
32	12 24	47.8	10.54	B5	39 4093
33	12 27	51.0		B9	39 4094
34	12 36	11.0	12.17	F0	
35	12 43	39.1	11.24	A1	
36	12 47	29.5	12.26	A7	
37	12 48	50.0	11.76	G2	
38	12 51	28.5	11.75	A3	
39	12 54	31.5		B5 V	
40	13 09	49.3	10.69	Be:	
41	13 15	36.0	10.34	F0	39 4399
42	13 18	21.2	10.02	Bo-B2	39 4100
43	13 27	57.0	8.85	Go	39 4102
44	13 30	06.0	12.46	B8	
45	13 30	33.0	9.37	K3 III	39 4103
46	13 31	28.6	9.27	A2	39 4104
47	13 33	10.0	11.94	F0	
48	13 36	54.0	11.86	F6	
49	13 42	35.2	10.06	G8 IV	39 4105
50	13 45	13.5	11.74	G8 V	
51	13 49	28.3	9.48	B9	39 4106
52	13 50	00.7	9.93	A7	
53	13 51	16.6	11.24	G5 V	
54	13 51	03.7	11.91	K2 III	
55	14 00	29.4	10.78	B9	
56	14 01	27.7		B8	
57	14 06	41.0	11.67	A5	
58	14 08	25.5	11.67		
59	14 09	49.5	9.67	F0	39 4107
60	14 21	12.6		F	

+39°

№	α_{1950}	δ_{1950}	m _{pg}	Sp	HD BD
61	20 ^h 14 ^m 23 ^s	39°10.4	11.79	A5	
62	14 27	58.3	12.08	A2	
63	14 29	28.3	12.27	Fo	
64	14 30	14.6	9.93	A3	38°3978
65	14 34	58.5	10.65	B9	
66	14 37	14.2	11.51	F8	
67	14 39	48.0	10.78	A5	39 4110
68	14 42	00.1	10.97	F6	
69	14 42	30.1	11.60	G8 III	
70	14 46	36.4	12.18	F2	
71	14 51	28.5	9.34	B9	39 4112
72	15 00	28.3		A4	
73	15 00	33.0		B8	193063
74	15 07	52.5	11.57	F6	
75	15 08	28.6	11.49	Fo	
76	15 10	18.1	11.40	A7	
77	15 11	03.7	11.00	G5	38 3982
78	15 12	03.2	11.73	A5	
79	15 14	16.5	12.38	Ao	
80	15 31	15.0	10.20	A1	38 3986
81	15 31	59.9	12.38	B-A	
82	15 33	18.1	11.45	F2	
83	15 36	01.5	11.30	Fo	
84	15 36	45.8	9.95	F2 I	39 4116
85	15 37	26.8		A	193182
86	15 41	05.8		Fo	
87	15 46	06.0	11.86	B	
88	15 51	05.8	9.43	B9	38 3992
89	15 54	12.0		B3 V	
90	16 00	00.0	10.91	A2	
91	16 01	07.5	10.32	B9	
92	16 02	46.6		A1	193247
93	16 03	46.5		A1	193247
94	16 11	46.5	10.81	A1	
95	16 12	20.8	10.25	Ko III	39 4119
96	16 15	11.2	11.22	B:	
97	16 17	47.8	9.06	B9	39 4121
98	16 18	57.1		B8	39 4122
99	16 21	07.5	11.48	K2 II-III	
100	16 24	25.3	8.54	B8	193324
101	16 25	58.5	8.34	A2	39 4125
102	16 27	44.0	8.59	B2 V	39 4126
103	16 29	48.0	11.65	A2	
104	16 31	45.0	10.73	B	
105	16 35	41.0	8.61	Ao	39 4127
106	16 37	47.2	11.92	A-F	
107	16 40	58.5	11.55	A3	
108	16 42	07.3		G2:	38 4001
109	16 45	27.3	10.17	K7 I	39 4129
110	16 57	15.3		Bo I	193427
111	17 03	19.3	10.47	B	39 4131
112	17 08	49.6	11.62	K2 III	39 4133
113	17 15	50.8	12.27	K2 III	
114	17 16	03.7	11.29	K2 V	38 4004
115	17 21	07.5	7.41	O-Bo I	193514
116	17 24	28.4	10.26	B9	39 4134
117	17 27	39.1	11.67	B	
118	17 43	13.3	10.38	Bo I	
119	17 45	28.3	11.65	A1	
120	17 45	51.7	11.75	B2 V	

+39°

№	α_{1950}	δ_{1950}	m _{pg}	Sp	HD BD
121	20 ^h 17 ^m 48 ^s	39°45'.5	10.84	Bo I	39°4136
122	17 48	09.7	10.37	K2 III	38 4013
123	17 53	04.5	9.55	A2	38 4015
124	17 59	07.8	11.02	B3 V	
125	18 06	24.1	9.34	B2 IV	39 4137
126	18 08	37.8		B2	
127	18 10	28.5	8.92	B9	39 4138
128	18 10	48.7	12.59	A1	
129	18 15	24.0	11.28	A1	
130	18 16	34.4	10.99	Ko IV	
131	18 18	12.1		F6 I	38 4020
132	18 27	15.0		Ao:	38 4021
133	18 29	13.3	8.98	A5	38 4022
134	18 31	49.5	11.51	F2	
135	18 36	28.5	8.89	B8	39 4140
136	18 39	02.2	12.38	B8	
137	18 42	42.4	9.79	B2 V	
138	18 43	42.0	10.56	B3 V	
139	18 44	58.5	10.92	F2	39 4142
140	18 45	09.7	10.69	K3 II	38 4027
141	18 48	25.0	10.28	A5 p:	39 4143
142	18 53	40.5	11.26	A7	
143	18 54	37.6	11.97	A5	
144	19 00	09.2	10.19	A5	38 4029
145	19 00	27.5	9.48	Ao	39 4144
146	19 04	15.8	10.88	B8	
147	19 13	18.7	11.19	Go	
148	19 13	46.5	11.38	F5	
149	19 16	38.3	11.20	B9	
150	19 18	44.5	11.01	G2	39 4147
151	19 27	00.7	11.30	K2	
152	19 27	27.2	8.98	F6	193889
153	19 29	12.0	9.70	B9	38 4033
154	19 35	18.0	12.14	K2:	
155	19 36	39.2	10.29	A3	39 4150
156	19 39	33.0	11.34	Go	
157	19 42	18.7	11.66	M3 III	
158	19 44	40.5	9.59	Br I	193946
159	19 51	17.8	8.85	A7	193966
160	20 02	18.2	11.60	A	
161	20 03	07.5	9.11	A1	194008
162	20 05	58.3	11.45	G5	
163	20 06	18.1	10.12	Br I	38 4038
164	20 13	40.8	10.01	Ko III	39 4156
165	20 16	34.6	12.37	B9	
166	20 24	34.5	9.79	A1	39 4158
167	20 27	21.2	11.31	Fo	
168	20 26	38.8	11.09	A4	
169	20 35	58.5	11.05	A7	
170	20 40	06.0	9.60	Ao	
171	20 43	36.0	12.13	B8	38 4046
172	20 48	49.3	9.83	A3	
173	20 54	41.5	11.89	Ko	39 4160
174	20 57	21.5	11.20	G5 IV	
175	21 08	03.1		B-A	
176	21 11	11.5	9.30	B2 III	194206
177	21 12	39.1	11.63	F8	194205
178	21 19	35.8	11.84	B8	
179	21 21	00.1	10.96	Bo V	
180	21 24	24.0	12.24	F2	38 4054

+39°

№	α_{1950}	δ_{1950}	mpg	Sp	HD BD
181	20 ^h 21 ^m 50 ^s	39°30.0	9.12	A3	39°4163
182	21 59	09.1		Fo	
183	22 00	55.9	11.73	F2	39 4164
184	22 00	19.3	11.57	F6	
185	22 03	56.5	12.64	K	
186	22 05	34.3	11.06	Ao	
187	22 10	58.6	10.19	Fo	39 4165
188	22 14	23.1	7.50	B8:	194424
189	22 21	41.8	11.80	A3	
190	22 22	17.5	12.48	A2:	
191	22 22	31.5	11.10	B0 III	
192	22 27	07.3	12.13	Fo	
193	22 32	36.7	11.21	O8	39 4168
194	22 34	49.5	11.38	G8 V	
195	22 36	40.5		B3 III	39 4169
196	22 45	31.0	10.69	K7 II	39 4170
197	22 47	27.7	11.90	Ko	
198	22 48	16.0	10.94	F2	
199	22 54	56.2	10.25	G8 IV	39 4171
200	22 55	08.6	12.84	Ao	
201	23 06	26.4	10.39	A1	39 4173
202	23 10	40.8	8.53	B5-B8	194576
203	23 11	57.0	11.45	K5 III	39 4175
204	23 19	28.0	11.99	A3	
205	23 27	52.0	8.32	B3V	194630
206	23 30	10.5	12.33	F8-G5	
207	23 32	10.6	12.16	Go	
208	23 39	38.2	7.39	B5	194670
209	23 42	09.0	11.84	K2 IV	
210	23 42	56.7		Go	194685
211	23 43	08.4	12.33	Ko	
212	23 40	52.0	11.84	A3	
213	23 53	51.0	10.57	Mo III	39 4181
214	23 57	54.7		Ao	194720
215	23 57	25.2	10.79	K2 III	39 4182
216	23 58	51.6	11.64	A2	
217	24 01	28.5	9.40	Go	39 4184
218	24 02	04.5	12.38	A2	
219	24 04	04.5		Ao	38 4080
220	24 06	51.7	10.48	A1	
221	24 12	15.7	10.92	B8	
222	24 17	16.6	12.21	F5	
223	24 19	45.0	11.79	A5	
224	24 24	06.1	10.39	F5	38 4082
225	24 24	22.6	9.43	Ao	39 4188
226	24 25	04.5	10.87	F6	38 4083
227	24 25	16.0	10.59	A2	38 4084
228	24 28	07.5	10.69	F2	38 4085
229	24 30	30.8	10.86	B0:III	
230	24 33	52.4	11.81	B5-B8	
231	24 41	21.0	11.65	F5	
232	24 46	25.0	12.03	B8	
233	24 51	39.3	12.35	Ko III	
234	24 54	20.0		B9	194885
235	24 57	18.1	7.66	Ao	194909
236	25 00	47.1	11.31	F6	
237	25 03	15.1	10.16	A5	38 4089
238	25 14	53.7	10.93	B8	
239	25 18	00.2	11.33	F8	38 4091
240	25 18	53.8	10.02	K5 II-III	39 4195

+39°

№	α_{1950}	δ_{1950}	mpg	Sp	HD BD
241	20 ^h 25 ^m 26 ^s	39°39.7	12.19	B8	
242	25 27	15.4	9.49	B9	38°4095
243	25 28	34.9		B:	
244	25 33	10.5	12.45	A5	
245	25 34	34.5	8.27	Go	195016
246	25 48	02.0	12.05	G2	
247	25 50	35.0	11.01	A7	
248	25 51	42.0	11.00	G8 II-III	39 4197
249	25 54	58.6	11.77	A2	
250	25 54	22.5		G5V	39 4198
251	25 57	20.0	9.12	Ao	39 4199
252	25 57	39.7	9.56	A1	39 4200
253	26 12	06.5		G5	
254	26 13	05.8	12.10	F6	
255	26 13	48.0		F2	39 4201
256	26 15	43.3	11.56	F5	
257	26 17	28.8	12.45	A2	
258	26 19	01.6		A5	38 4100
259	26 21	03.1	9.21	A3	38 4101
260	26 22	28.5	11.97	A2	
261	26 23	13.5	11.74	Fo	
262	26 28	55.6	10.35	Go-G5	39 4203
263	26 30	55.5	10.18	A2	39 4204
264	26 36	10.5	8.14	G8	195194
265	26 38	13.3	8.78	B9	195176
266	26 42	33.0	11.84	F2	
267	26 43	54.0	11.86	A3	
268	26 45	05.3	11.25	Fo	
269	26 46	53.2	12.09	Go:	
270	26 51	28.2	10.56	Fo I	39 4205
271	26 53	01.6	9.63	K3 III	38 4105
272	26 55	47.5	8.72	Ao	195255
273	27 04	09.1	9.97	Ao	38 4108
274	27 09	01.7	9.08	A1	38 4109
275	27 13	56.2	9.56	A2	39 4209
276	27 14	15.0	10.90	A2	38 4110
277	27 21	10.0	11.00	Ao	
278	27 27	25.5	12.70	F2	
279	27 27	07.2	11.92	K2	
280	27 30	03.1	10.89	F6	
281	27 33	56.5	8.13	B5-B8	193356
282	27 35	25.5	11.81	Go:	
283	27 36	01.6	12.32	Ao	
284	27 37	19.3	10.58	K2 III	38 4112
285	27 42	12.1	9.73	A1	38 4115
286	27 48	34.5		K3 III	39 4211
287	27 51	03.0	11.95	F8:	
288	27 52	00.0	12.45	B9	
289	27 55	34.3	11.76	A5	
290	27 56	47.2	11.73	Fo	
291	27 57	30.0	9.31	F8 I	39 4212
292	27 58	01.0	12.44	A1	
293	28 01	25.6	11.59	F2	
294	28 11	25.3	9.24	A1	39 4214
295	28 12	35.8	11.47	F6	
296	28 12	10.0	9.95	A2	38 4120
297	28 45	07.6	9.61	A3	38 4125
298	28 52	40.5	11.00	A7	
299	29 00	34.5	11.74	F6	
300	29 05	33.0	11.82	F8	

+39°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
301	20 ^h 29 ^m 08 ^s	39°19'.5	11.79	F8	38°4130
302	29 32	18.2	11.06	Ko III	38 4132
303	29 42	10.0	10.68	A7	
304	29 50	18.4	12.18	G5-G8	
305	30 03	10.8		A3	38 4134
306	30 33	01.7	10.79	K3 III	38 4137

+40°

1	20 ^h 13 ^m 05 ^s	40°03'.0		A5	
2	13 19	00.1		A4	
3	13 24	04.6		F2	39°4101
4	13 27	07.5		B8	
5	13 56	03.1		Go-G5	
6	14 04	15.0		B8	
7	14 13	14.1		G5	39 4108
8	14 19	00.5	12.14	F2	
9	14 48	01.2	9.89	A2	39 4111
10	15 09	13.0		K5 III	193092
11	15 20	00.3	11.86	K3 III	
12	15 23	04.3	11.71	A0	
13	15 40	24.1		B5	40 4096
14	15 43	10.5	11.61	A4	
15	15 45	22.6		A0	40 4097
16	15 51	02.5	12.35	A-F	
17	15 57	21.5		F2	193246
18	16 09	01.2	9.65	A0	39 4120
19	16 35	14.2	9.31	Ko III	39 4128
20	16 36	23.8		K2	40 4105
21	16 52	04.5	8.88	A0 I	193426
22	17 19	17.2	11.99	A2	
23	17 30	20.0	11.72	F8	
24	17 40	18.7	10.23	B2 I	39 4135
25	17 51	17.5		A2	
26	18 16	25.5		A2	
27	18 17	07.3		A3	
28	18 42	18.3	11.91	A2	
29	18 54	21.4	10.77	B9	40 4125
30	19 06	03.3	10.02	A7	39 4146
31	19 15	31.5		A1	
32	19 30	04.2		A2	
33	19 34	23.8	11.94	K	40 4130
34	19 48	18.0	10.53	M5 III	193965
35	19 53	14.2	10.51	G5 V.	39 4153
36	19 56	01.9	9.21	A3	39 4154
37	20 01	23.8	10.55	A2	40 4134
38	20 03	09.3		F2	39 4155
39	20 20	18.1	9.02	Go III	39 4156
40	21 06	18.7	11.13	G	39 4161
41	21 08	22.3	11.67	A0	
42	21 16	27.0		A7	40 4142
43	21 17	27.4		B8	40 4143
44	21 18	13.6	12.10	F6	
45	21 21	10.5	11.55	A8	
46	21 34	00.1	10.33	O8	39 4162
47	22 02	22.6	11.88	A5	
48	22 15	11.2	9.19	Go	39 4167
49	22 27	20.5	10.93	Go	40 4153
50	22 30	30.0		A4	40 4154

+40°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
51	20 ^h 22 ^m 59 ^s	40°21'.7		A0	
52	23 00	15.6	11.73	Fo:	
53	23 00	00.0	8.31	Ko II	194558
54	23 07	24.1		G5	
55	23 13	28.3		B8	
56	23 18	27.0		Bo:	40°4159
57	23 33	03.7	9.80	Bo I	194649
58	23 33	24.7		B5 V	
59	23 39	12.0	11.59	A3	39 4179
60	23 45	20.0	11.79	A5	
61	23 51	01.8	11.00	B8	
62	24 15	14.6	7.45	B	39 4186
63	24 19	01.6	9.56	A1	39 4187
64	24 33	20.0		F2	
65	24 33	05.2	11.69	K3	39 4190
66	24 47	19.3		F6	39 4191
67	24 54	11.5	7.78	B9	194908
68	24 59	07.6	11.53	F2	
69	25 17	02.8	10.32	Fo	
70	25 38	13.3			39 4194
71	26 24	09.6		Fo	
72	26 59	00.7	12.07	F6	

Примечания:

δ	N	звезды	ADS	δ	N	звезды	ADS	δ	N	звезды	ADS	δ	N	звезды	ADS
36°	14	13561		37°	48	13604		38°	30	13567		39°	20	13548	
	17	13568			208	13852			33	13579			52	13605	
	94	13693			259	13909			102	13686			73	13636	
	95	13699			304	13979			103	13690			92	13659	
	151	13772							111	13698			105	13677	
	171	13796							121	13711			116	13696	40°
									287	13936			125	13718	
									309	13963			132	13728	
													175	13783	
													210	13847	

+58°

УЧАСТОК III

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
1	14 ^h 14 ^m 44 ^s	58°54'7"		B9	
2	14 48	54.6		A3	
3	14 54	55.5	12.13	A3	
4	15 45	48.3	11.82	A0	
5	18 08	49.6	11.28	B9	
6	18 45	57.5	11.08	F0	
7	18 57	37.5	9.81	B5:	
8	20 18	54.1	11.87	F0	
9	20 24	25.8	11.31	B8	
10	20 51	40.0	11.45	A5	
11	21 12	30.0	9.28	F0	
12	21 21	28.6	11.24	K2	
13	21 27	27.7	11.85	A1	
14	21 36	53.0	11.83	F6	
15	21 46	25.5	12.07	B9	
16	22 54	44.0	11.38	G2	58°237
17	23 00	57.7	12.14	F2	
18	23 06	40.6	11.56	M3 III	58 238
19	23 12	35.8	11.77	B9	
20	23 12	25.5	11.90	B8	
21	23 24	26.2	11.60	B9	
22	23 30	41.6		A2	
23	24 04	55.2		B8	
24	24 08	55.3	12.25	B9	
25	24 10	58.2		F5	
26	24 33	54.8	11.82	B9	
27	24 40	46.3		B9	
28	24 41	58.3	10.06	B2	58 241
29	24 48	21.0	11.22	A3	
30	25 18	56.1	11.18	KoV	58 243
31	25 19	17.0	10.30	A5	
32	25 45	27.0	12.07	B8	
33	25 46	19.8	11.67	G5	
34	25 51	18.0	11.30	B8	
35	25 54	43.5	12.06	A2	
36	26 06	57.4	11.72	A3	
37	26 12	50.1	10.35	O—Bo	58 247
38	26 15	42.4	11.88	A5	
39	26 36	20.2	11.42	A2	
40	26 45	36.3		B9	
41	26 49	30.2	11.90	G5	
42	27 12	35.7	11.14	G2	
43	27 28	49.9	11.96	B8	
44	27 51	58.5	11.32	B8	
45	27 52	43.5	10.94	F6	
46	28 06	38.2	11.25	A0	
47	28 13	19.3		A2	
48	28 30	55.5	12.25	B5	
49	28 33	35.7	11.86	A2	
50	28 36	44.2		B9	
51	28 48	27.4		A3	
52	29 54	31.6	12.44	A0	
53	29 00	53.2	8.66	A7	9233
54	29 14	49.6	10.13	B8	58 259
55	29 32	24.6	10.89	B9	
56	30 36	16.5	10.03	B8	
57	30 54	47.7	11.52	Ko III	58 262
58	31 12	28.6	11.82	G8	
59	31 36	39.7	12.37	B8	
60	31 48	57.0	9.62	A1	58 264

+58°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
61	1 ^h 32 ^m 00 ^s	58°37'8"	12.07	A5	
62	32 30	53.8	8.98	B8	58°265
63	32 34	48.7	11.79	A2	
64	32 36	28.5	11.90	A0	
65	33 07	31.0	10.77	F8	58 267
66	33 46	33.8		B8	
67	34 12	57.0	11.66	G0	
68	34 24	58.5		G0	
69	34 30	38.8	11.48	F8	
70	34 45	57.6	12.39	A0	
71	35 14	36.0	11.95	A0	
72	35 19	50.2	11.79	B9	
73	35 39	58.2	12.66	A5	
74	36 01	54.6	11.91	G0	
75	36 10	46.5	10.84	B9	58 271
76	36 36	45.7	12.05	B9	
77	37 03	45.0	11.94	K	
78	37 12	48.0		A0	58 273
79	37 44	57.4	11.43	F2	
80	39 31	59.8	11.97	K3 III	58 280

+59°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
1	1 ^h 13 ^m 17 ^s	59°55'2"	11.31	Bo-B2	
2	13 48	09.7	11.81	B9	
3	13 54	57.7	11.99	A2	
4	14 30	05.1	12.18	A1	
5	14 33	51.0		A2	
6	14 45	55.2	11.94	K2:	59°226
7	14 48	58.5	11.03	F2	
8	15 00	10.6	11.48	F8	58 212
9	15 08	23.2		B9	58 213
10	15 14	06.0	12.00	A2	
11	15 21	12.7	11.94	B8	
12	15 48	59.8	12.30	B9	
13	16 11	39.0		B9	
14	16 40	21.6	11.96	B8	
15	16 42	57.7	8.14	A7	7890
16	17 06	45.3	11.68	A5	
17	18 05	20.2	10.49	F0	59 235
18	18 21	08.2	11.16	B8	58 232
19	18 27	15.4	10.17	A7	58 224
20	18 37	30.0		B9	
21	18 39	44.2	9.50	F0	59 237
22	18 54	36.4	10.85	B9	
23	19 01	06.6	11.92	F6	
24	19 24	51.4	11.03	B9	
25	19 36	33.6	11.71	A2	
26	19 47	33.8		K5 III	
27	19 50	07.9	9.89	A0	58 226
28	19 51	45.0	11.53	A3	
29	19 55	46.2	12.21	A0	
30	20 35	08.8	11.93	B9	
31	20 36	08.0	10.95	B8	
32	20 39	58.5	12.74:	B9	
33	20 50	28.2	9.48	B2	58 227
34	20 51	32.8	9.53	F2	59 243
35	20 57	15.6	11.95	F2	
36	21 00	58.0	12.60	B8	59 244

+59°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
37	14 ^h 21 ^m 08 ^s	59°01.8	11.86	A0	58°229
38	21 09	43.0	10.43	A2	59 245
39	21 18	23.8	11.27	A0	
40	21 30	07.5		G5	58 233
41	21 33	34.5	11.89	F2	
42	21 39	06.6	11.90	G8	58 234
43	21 48	03.0		A5	
44	21 57	09.4	11.82	B5	
45	22 09	07.8	9.94	A3	58 235
46	22 24	34.3	11.56	F2	
47	22 48	37.6	11.00	A0	
48	23 00	19.9	10.88	B0	
49	23 00	36.6	12.24	B8	
50	23 03	00.1		A2	
51	23 16	43.9	11.77	B5:	
52	23 18	05.2	11.64	A1	
53	23 20	24.6	17.02	F6	
54	23 23	46.0	11.81	B2	
55	23 27	04.5	12.34	B8	
56	23 38	23.8	12.32	B8	
57	23 41	11.6	12.49	B8	58 239
58	23 54	13.3		A5	
59	23 56	51.0	11.48	A1	
60	23 56	40.3	11.32	F0	
61	23 58	13.5	11.56	A2	
62	24 02	00.3		B0	
63	24 04	29.1	11.26	O—Bo	59 250
64	24 05	54.0		B8	
65	24 09	39.0		G5	
66	24 12	25.0	11.60	A2	
67	24 24	24.6		B0	
68	24 33	12.0		G5	
69	24 40	40.9	11.84	A2	
70	24 45	56.8	12.00	G2	58 242
71	24 54	10.3	11.39	A3	59 255
72	24 56	43.5	10.79	A2	
73	24 57	32.8	11.73	A1	
74	25 00	58.2		A5:	
75	25 06	58.6	11.42	B8	59 256
76	25 15	32.5	10.20	A4	
77	25 18	42.0	12.16	G8	58 245
78	25 32	24.4	11.63	G5	59 257
79	25 39	52.8	10.34	B5	
80	25 48	57.6	11.85	B8	
81	25 50	09.0		B8	
82	25 54	24.7	12.30	K0:	58 246
83	25 57	13.3	11.87	G5	59 259
84	26 09	31.3	9.97	F8	58 248
85	26 32	19.5	10.70	B0	
86	27 00	17.2	12.23	B8	
87	27 09	15.4	12.54	B8	
88	27 15	13.3		B8	
89	27 24	08.4	10.82	K5 II-III	58 251
90	27 36	27.7	11.14	B2	
91	27 42	21.7	11.98	K	
92	27 48	28.5	9.55	B0	58 252
93	27 54	18.0	12.16	F:	
94	27 59	12.8		G5	58 253
95	28 03	07.6	11.23	G0	
96	28 07	09.4		F8	58 254

+59°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
97	1 ^h 28 ^m 09 ^s	59°24.0	10.88	F8	58°255
98	28 16	30.4	11.11	B0	59 266
99	28 21	07.8		A3	
100	28 22	15.0	11.12	B8	
101	28 27	06.7	9.45	O9—Bo	58 256
102	28 33	28.5	12.18	F0	
103	28 33	56.2	12.07	F2	
104	28 45	10.7	12.00	A2	
105	28 48	12.2	9.32	B8	58 257
106	28 48	58.4	11.35	B0	
107	28 57	58.7	12.35	F0	
108	29 16	23.1	11.17	B8	
109	29 18	48.2	12.59	B9	
110	29 30	30.4	11.39	B9	
111	29 36	10.5	10.94	B5	
112	29 45	33.4	12.03	B8	
113	29 48	58.5	12.00	B5	
114	30 03	42.0	11.60	G2	59 272
115	30 09	33.5	11.80	B3	
116	30 12	07.9	10.72	B9	
117	30 19	17.2	11.74	F6	
118	30 23	58.8	12.23	F2	
119	30 45	57.7	10.58	A0	59 277
120	30 51	26.0	10.44	A5	58 261
121	30 53	34.5		B9	
122	31 06	58.3	12.00	B5	
123	31 09	46.7	11.65	A3	
124	31 12	06.0	10.83	F8	
125	31 22	25.5	12.77	F0:	
126	31 27	52.5	10.82	B2	
127	31 28	28.0	12.58	B0	
128	31 35	34.8		F8	
129	31 36	47.3	12.43	A2	
130	31 36	09.1	10.88	M2III	58 263
131	31 51	45.0	11.02	B8	
132	31 51	18.8	12.28	A5	
133	31 57	42.7	12.86	A2	
134	31 59	22.3	11.70	F6	
135	32 16	34.5	11.46	B5	
136	32 22	59.5	11.57	F2	
137	32 33	29.8	10.34	B9	59 282
138	32 42	00.6	10.83	B9	
139	32 42	37.7	9.85	B5	59 284
140	32 45	57.6	9.82	K5 I	9634
141	32 54	49.5	12.51	B8	
142	32 57	52.2	10.81	B3	
143	33 00	50.2	11.43	A3	
144	33 44	17.2	9.51	B0	58 269
145	33 45	49.3	11.80	B8:	
146	34 18	22.7		F2	
147	34 30	57.4	9.50	B9	59 292
148	34 39	02.2	8.17	F0	
149	34 40	27.4	11.57	F6	
150	34 54	53.8	10.73	F8	59 294
151	35 08	41.0	10.69	B0	
152	35 08	14.2	11.67	F8	
153	35 18	33.2	11.00	B2	
154	35 39	36.4	11.12	B3	
155	35 44	06.7	11.63	F8	

+59°

№	α_{1980}	δ_{1980}	m_{pg}	Sp	HD BD
156	1 ^h 35 ^m 49 ^s	59°54'.6		F6	
157	36 01	25.5		F5	
158	36 09	32.2	12.04	A0	
159	36 12	46.5	12.28	A3	
160	36 25	58.5	11.04	B3	
161	36 31	19.9		F0:	58°272
162	37 07	29.2	11.89	A7	
163	37 30	52.3	12.01	B2	
164	37 33	42.2	10.79	B2	59 301
165	37 42	40.4	12.44	A4	
166	38 06	54.0	11.92	F0	
167	38 15	44.2	8.99	B8	59 302
168	38 21	44.2		Ko III	59 303
169	38 21	20.4	9.67	B5	58 274
170	38 32	09.4	10.87	A7	58 275
171	38 38	18.6	12.42	B8	58 277
172	38 45	46.3		A0	
173	38 45	55.3	11.75	B9	
174	39 00	18.0	10.59	B3	58 278
175	39 06	18.2	11.74	F0	
176	39 08	50.8		B9	
177	39 09	15.7	9.92	B9	58 279
178	39 12	04.3	11.91	F2	
179	39 18	57.6	11.39	B5	
180	39 30	55.4	11.30	B5	
181	39 33	34.5	11.92	F5	
182	39 50	51.6	7.87	B8	
183	39 58	30.1	8.96	B5	59 308
184	40 14	38.4	12.66	A3	
185	40 18	55.6	11.96	B9	
186	40 24	42.0	12.42	B8	
187	40 39	52.3			59 310
188	40 42	57.0	10.73	B9	
189	40 44	17.8	11.87	F8	
190	40 49	42.2	11.88	A7	
191	40 54	18.8	10.83	F8	58 286
192	40 57	54.0	11.86	G8	
193	41 00	58.3	11.97	F2	
194	41 04	18.3	10.68	B0	58 287
195	41 16	50.2	9.18	B9	10564
196	41 42	06.7	9.27	B8	58 290
197	41 45	23.5	11.85	B	
198	41 48	43.4	12.18	A2	
199	41 58	23.8	12.04	A5	
200	42 06	18.0	12.07	F2	
201	42 06	30.0			
202	42 36	48.6	12.42	G5	59 315
203	42 45	59.0	11.92	B9	
204	42 48	49.5	11.99	F6	
205	42 50	18.0		F—G	
206	42 54	45.0	11.78	A0	
207	43 09	31.5	12.18	B8	
208	43 44	59.8	11.07	B8	
209	43 44	42.1	11.17	B9	59 320
210	43 55	58.5	12.03	A7	
211	44 02	45.8	11.42	A1	
212	44 28	46.5	12.24	A0	
				A5	

+60°

№	α_{1980}	δ_{1980}	m_{pg}	Sp	HD BD
1	1 ^h 12 ^m 54 ^s	60°46'.8	11.85	G0	60°196
2	12 54	39.7	12.16	A0	
3	13 02	25.5	11.86	G5:	
4	13 10	22.5	10.30	G5:	59 222
5	13 19	18.3	11.06	F8	
6	13 36	36.4	11.18	B9	
7	13 39	28.8	11.73	B8	
8	13 54	54.6	11.37	B8	
9	14 00	00.4	9.41	A0	7586
10	14 15	06.6	10.53	A1	59 225
11	14 39	25.8	11.92	B3	
12	14 51	31.2	11.50	F8	
13	14 54	14.5	11.78	G5	59 227
14	15 03	35.5	12.56	B8	
15	15 18	45.6	11.67	A0	
16	15 27	37.5	12.03	B8	
17	15 32	57.0	10.46	F6	60 202
18	15 42	37.0	9.98	B8	60 204
19	15 48	16.2	9.52	A0	7796
20	15 52	55.5	11.65	G5	
21	16 14	21.0		A3	
22	16 34	19.3	10.27	B0	59 230
23	16 39	45.7		B8	
24	17 00	33.6	12.46	A0	
25	17 06	18.4	11.96	B8	
26	17 12	07.5	10.18	B2	59 233
27	17 18	07.9	10.76	B2	
28	17 40	52.5	8.97	F0	60 211
29	17 45	33.0	11.17	A3	60 212
30	17 57	07.5		F0	
31	18 03	42.0	11.07	F2	
32	18 12	38.2	11.86	F0	
33	18 15	13.0	10.03	A1	59 236
34	18 18	45.0	12.12	A5	
35	18 21	35.8	11.61	A2	
36	18 38	15.0	12.18	B8	
37	18 40	05.2	12.16	A3	
38	18 53	06.4	11.48	A0	
39	19 06	21.1		F2	59 238
40	19 15	06.0		B8	59 239
41	19 33	06.0		A1	
42	19 40	54.7	11.54	K7 III	
43	19 41	29.3	11.47	B8	
44	19 45	30.0	9.78	B5	60 220
45	19 54	54.3	11.33	A1	
46	20 07	38.2		B8	60 222
47	20 09	22.5		B8	
48	20 32	33.0	9.52	A7	60 225
49	20 34	16.3	10.21	F2	59 241
50	20 35	25.0		B8	59 242
51	20 51	40.2	9.58	B3	60 228
52	21 22	52.2	9.56	F0	60 229
53	21 36	20.8	11.06	A0	
54	21 36	42.7	10.09	B9	60 230
55	21 48	32.2	10.12	B2	60 232
56	21 54	52.5		B0	60 233
57	22 00	02.1	11.03	B9	
58	22 03	34.5	11.54	G5	
59	22 09	59.2	12.15	A3	
60	22 12	41.8	12.09	A2	

+ 60°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
61	1 ^h 22 ^m 27 ^s	60°54'.0	10.52	B9	60°235
62	22 30	50.8	11.09	B8	
63	22 38	36.0	11.38	B9	
64	22 45	39.0	10.97	A2	
65	22 47	48.7		A0	
66	23 48	33.4	11.21	B5	
67	24 01	32.2	12.03	A5	
68	24 05	14.2	11.47	A1	
69	24 14	27.0		F6	
70	24 29	05.7	10.73	B2	59 252
71	24 36	00.7	11.29	B3	
72	24 45	17.6	11.79	G0	
73	24 54	37.5	10.44	F0	60 241
74	25 09	50.5		B5	
75	25 19	24.2	12.01	G2	
76	25 21	05.7	11.90	F2	
77	25 24	10.6	11.18	A2	
78	25 24	52.5	12.25	A2	
79	25 30	02.8	11.09	A0	
80	26 07	35.2	11.13	A5	60 244
81	26 14	31.9	10.88	B8	60 245
82	26 15	19.3	11.92	B9	
83	26 16	42.3	9.51	B3	60 246
84	26 17	09.0	11.15	G0	
85	26 23	57.1		G8	
86	26 42	34.5		A0	
87	26 42	15.3	10.66	B5	
88	26 48	28.8	11.47	A2	
89	26 50	18.4	11.16	B3	
90	27 06	17.2	11.86	B-A	
91	27 09	16.8		B2	59 262
92	27 12	30.0	11.38	K0 III	60 249
93	27 29	32.2	11.72	B8	
94	27 47	42.2	10.85	F2	60 251
95	27 57	31.5		B5	60 502
96	28 12	41.1	12.22	B8	
97	28 15	18.0	10.72	B0	59 264
98	28 18	38.8	9.91	K3 III	60 504
99	28 24	08.2	11.40	B8	
100	28 30	18.2		B2	
101	28 40	12.2	12.39	B8	
102	28 48	11.3	11.90	B	
103	28 54	12.0	10.70	K0	59 268
104	29 06	14.2	11.94	B8	
105	29 24	42.8	11.14	F0	60 262
106	29 27	34.5	11.39	K3:	60 263
107	29 31	01.5	11.43	G5	
108	29 36	04.3		A0	
109	30 09	22.5	9.03	O-B0	
110	30 15	57.0	11.34	A0	
111	30 18	10.2	10.05	F8	
112	30 27	21.7	8.33	F0	59 275
113	30 36	36.0	10.84	B5	9365
114	30 36	45.0	10.46	F0	60 266
115	30 36	00.5	12.07	A1	
116	30 43	24.4	11.97	B9	
117	30 52	55.5		F2	60 267
118	31 00	03.0	11.17	B5	
119	31 09	13.5	9.83	B3	59 278
120	31 12	42.4	10.89	B3	

+ 60°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
121	1 ^h 31 ^m 18 ^s	60°01'.6	12.15	B8	
122	31 30	26.2	12.11	A3	60°268
123	31 31	51.4	10.85	G8	
124	31 36	58.8	11.98	A7	59 280
125	31 36	27.4	9.69	B2	
126	31 41	31.5	9.00	G2	
127	31 48	31.6	9.48	G2	
128	31 58	58.2	11.11	B3	
129	32 14	23.8	11.79	B2	
130	32 21	24.0	11.22	B8	
131	32 27	25.9	11.61	B5	
132	32 37	04.1	11.14	K2 III	59 283
133	32 45	35.3	11.58	F2	
134	32 51	00.7	11.05	A1	
135	32 56	02.3		A2	
136	33 03	31.1	9.11	A0	9682
137	33 03	43.7	9.10	B3	60 279
138	33 07	45.0	11.35	A5	
139	33 21	32.9	11.55	K2 III	
140	33 27	31.1	11.05	A0	
141	33 27	54.1	11.36	G5	
142	33 33	34.5	10.15	B3	60 284
143	33 39	40.9	11.03	B3	
144	33 39	56.7	11.76	A0	
145	33 40	33.0	10.98	F2	
146	33 42	41.2		B3	
147	33 45	09.0	11.58	G0	
148	33 54	01.3		B8	
149	33 55	46.6	10.46	F2	60 286
150	33 56	26.5	9.94	K2 I	9788
151	34 14	56.8	11.56	B8	
152	34 14	21.0	10.21	A7	59 289
153	34 21	22.7	10.91	F8	59 291
154	34 27	39.6	10.81	F6	
155	34 33	39.0	11.44	F6	
156	34 34	58.8	11.54	B	
157	34 51	06.4		B2	59 293
158	35 06	56.0	12.25	B8	
159	35 14	34.5		K3 II-III	9926
160	35 30	00.6		A0	
161	35 54	21.2	11.05	A7	
162	36 00	22.5		B5	
163	36 09	21.7		F	
164	36 14	32.1	12.19	B8	
165	36 27	39.3	10.79	Mo III	60 299
166	36 32	14.1	12.17	A0	
167	36 36	34.5	10.93	B3	
168	36 44	25.5	11.59	B8	
169	36 45	22.3	11.74	B9	59 299
170	37 01	19.3	10.48		
171	37 03	00.6	11.39	A5	
172	37 06	15.7	12.58	A2	
173	37 13	21.2	10.81	B8	59 300
174	37 18	58.3	10.44	B9	60 302
175	37 26	14.9		B8	
176	37 27	06.6	11.49	K0 III	
177	37 42	20.1	11.68	B3	
178	37 57	15.0	11.29	A0	
179	38 14	25.5	11.37	A5	
180	38 15	51.0		B9	10223

+60°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
181	1 ^h 38 ^m 18 ^s	60°44'8"	11.05	F8	60°304
182	38 42	01.5	11.62	A0	59 304
183	38 47	21.2	10.58	F8	59 305
184	39 01	03.2	10.94	F8:	
185	39 18	09.2	10.15	B5	
186	39 22	36.0	11.20	A0	
187	39 28	38.9	9.44	B3	60 313
188	39 36	41.3		F8	60 314
189	39 45	41.2		B8	60 316
190	39 54	38.5	10.34		
191	40 02	45.0	11.12	B5	
192	40 06	44.9		B5	
193	40 09	40.3	11.27	B3	
194	40 15	15.0	11.03	B2	
195	40 22	45.7	11.91	B8	
196	40 30	11.2		A2	10474
197	40 33	29.8	11.56	A4	
198	40 45	45.5		B9	60 319
199	40 54	30.5	10.82	B8	
200	41 00	06.0	12.42	B8	
201	41 04	25.2	10.92	O—Bo	
202	41 08	42.0	10.86	A1	
203	41 10	25.2	11.95	B	
204	41 26	51.0	10.92	B8	
205	41 30	14.2		F0	
206	41 36	07.8	11.79	B9	
207	41 36	33.6	10.14	B2 III	60 322
208	41 40	49.2	10.68	A0	60 323
209	41 54	52.5		O—Bo	60 325
210	41 55	30.0	11.77	Bo:	
211	42 00	31.2		B2 III	60 326
212	42 02	13.3	10.66	G8 III	59 313
213	42 22	37.7	11.47	F2	60 328
214	42 25	19.3	11.89	B9	
215	42 29	04.3	11.47	B8	
216	42 32	59.5	9.82	B8 I	60 331
217	42 32	43.1	11.99	B5	
218	42 42	45.0	11.78	M	60 335
219	42 49	53.2	11.33	B2	
220	43 00	34.8	11.45	B9	60 338
221	43 06	12.0	12.56	A0	
222	43 09	45.0	12.22	B9	
223	43 12	34.4	11.03	A3	
224	43 27	35.2	11.99	B2	
225	43 33	12.3	11.84	F6	
226	43 38	07.5		M2 III	59 319
227	43 45	16.2	10.72	A1	59 321
228	43 45	58.0	10.50	B5	60 347
229	43 51	50.0	10.84	B5	60 350
230	43 58	53.5	9.76	O9-Bo	60 351
231	43 00	33.1		O-Bo	
232	44 08	02.9	11.12	B2	
233	44 16	46.5	11.92	B5	
234	44 19	06.0	11.33	B5	59 322
235	44 20	44.2	11.92	A0	
236	44 26	55.5	12.00	B8	
237	44 27	40.5		F0:	
238	44 45	00.1	12.52	A0	
239	44 48	25.6	10.88	B3	59 323
240	45 12	38.8	10.73	F2	60 352
241	45 25	33.6	11.95	A0	
242	45 25	23.1	12.30	A2	
243	45 27	12.0	10.06	A0	10897

+60°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
1	1 ^h 13 ^m 02 ^s	61°31'3"	12.00	A1	
2	13 07	19.6	11.13	B9	
3	13 15	48.0		A1	61°235
4	13 15	26.5	11.82	B8	
5	13 39	52.8		F0	
6	13 41	06.1	12.04	G8	60 197
7	13 51	24.0	10.69	K2:	
8	14 08	01.5	11.13	A5	60 199
9	14 18	07.9	11.84	A4	
10	14 21	03.3	12.11	B—A	
11	14 24	36.4	10.67	Go	61 232
12	14 30	28.9	9.79	B5	60 206
13	14 48	39.7	11.83	B8	
14	14 51	27.6	9.96	K5 II-III	7681
15	15 03	24.7	12.12	B5	
16	15 34	30.0	11.96	A0	
17	15 36	18.7	9.53	B9	60 203
18	15 58	45.0	9.81	F6	61 244
19	16 17	42.0	12.01	B8	
20	16 50	06.7	12.27	A1	
21	16 54	28.0	11.78	F8	
22	17 00	19.6	11.84	B8	
23	17 00	48.7	10.89	F8	61 249
24	17 20	34.5	11.42	A1	
25	17 20	10.0	9.85	B5	60 218
26	17 33	47.7	10.14	F0	61 251
27	18 24	00.0	8.70	A5	8087
28	18 33	57.7	10.98	A7	
29	18 34	15.0		F5	8108
30	19 09	31.0	12.03	B8	
31	19 12	09.7	10.47	G8 IV	60 218
32	19 15	38.0	11.87	A7	
33	19 18	11.4	11.17	F2	
34	19 27	23.5	10.74	A4	60 219
35	19 27	36.7	12.46	A5	
36	20 00	27.6	8.50	B9	8261
37	20 05	47.5	10.21	G5	61 256
38	20 06	06.1	10.85	B5	
39	20 09	57.1	10.68	G5	61 257
40	20 22	24.7		B9	60 223
41	20 15	30.3	10.11	F0	61 258
42	20 25	51.7	11.18	Go	
43	20 35	51.0	10.87	A5	
44	20 36	55.8	10.86	A1	
45	20 42	10.0	10.06	B2	60 227
46	20 57	16.5	11.58	G5	
47	21 12	31.3	10.55	B5	61 260
48	21 15	52.2	11.73	A0	
49	21 24	53.0	12.29	B8	
50	21 40	23.1	11.78	O	
51	21 41	08.5	11.28	O	
52	21 51	59.0	10.74	B9	61 261
53	21 57	27.0		A0	60 234
54	22 00	02.2	11.64	B8	
55	22 13	01.5	11.74	A1	
56	22 40	30.0	11.53	F8	
57	22 45	50.8	11.56	A7	
58	22 50	51.7	9.90	F2	8570
59	22 54	37.2		F5:	
60	22 56	49.5	10.48	B8	61 264

+60°

№	α_{1950}	δ_{1950}	m _{pg}	Sp	HD BD
61	1h23m00s	61°40'.3	11.74	B8	
62	23 06	38.2	11.50	B8	
63	23 06	15.1	11.80	B5	
64	23 14	06.6	12.03	A1	
65	23 20	12.2		A2	
66	23 21	09.4		A2	60 237
67	23 27	36.6	10.04	G5	61 267
68	23 38	34.9	11.56	A4	
69	23 40	09.4		K2 III	60 238
70	23 52	27.4	11.23	B9	
71	23 54	49.8	12.45	A2	
72	24 01	54.7	11.56	F6	
73	24 06	07.0	11.70	G5	60 239
74	24 42	03.7		A0	8769
75	25 06	03.0	12.12	B5	
76	25 20	26.8	10.80	B8	
77	25 21	34.5	10.33	A0	
78	25 27	24.3	10.83	A7	60 242
79	25 33	03.0	12.33	A1	
80	26 06	49.8	11.81	B5	
81	26 13	23.6	11.86	F6	
82	26 20	09.2	11.64	B8	
83	26 32	09.4	10.13	B2	60 247
84	26 38	35.0	10.17	F2	61 273
85	26 47	21.4	11.73	B5	
86	27 00	06.6	11.63	A3:	
87	27 03	04.8	10.25	B2	60 248
88	27 06	45.7	10.61	F2:	61 274
89	27 06	06.0		B8	
90	27 20	07.0	10.82	O—Bo	60 250
91	27 24	16.0	11.94	B9	
92	27 24	23.2	12.00	A0	
93	27 30	30.0	10.57	K2 III	61 280
94	27 36	03.1	11.14	B9	
95	27 40	01.5	11.16	B9	
96	27 48	03.0	11.08	F6	
97	27 59	30.7		B8	
98	28 20	46.0	12.37	A3	
99	28 39	17.2	11.41	F5	60 508
100	28 43	43.8		A7	
101	28 57	13.3		B5	
102	29 00	30.0		G2	
103	29 21	36.4	11.00	A0	9256
104	29 39	31.5	11.37	G8	61 287
105	29 48	02.8	10.85	G0	
106	29 48	34.5	9.86	A1	61 288
107	29 51	19.7	11.02	B2	
108	30 12	18.2	10.95	M	60 265
109	30 14	03.1	10.87	B3	
110	30 33	54.0	8.21:	A0	9383
111	30 54	27.0		B2	
112	31 14	11.1	11.45	A1	
113	31 39	14.2	11.69	F—G	
114	31 55	07.8	11.86	B3	
115	31 59	37.2	11.03	F6	61 295
116	32 01	50.2	11.19	F2	61 296
117	32 12	23.0	11.06	F0	
118	32 15	13.3	11.77	K0 III	
119	32 18	18.7	10.33	B8	9583
120	32 24	01.3	11.71	Bo—B5	

+61°

№	α_{1950}	δ_{1950}	m _{pg}	Sp	HD BD
121	1h32m24s	61°52'.8	11.74	Bo	
122	32 46	58.8	11.54	B9	
123	32 53	03.1	11.36	B2	
124	32 54	31.5	10.79	F8	
125	33 05	47.7	10.21	A0	61 297
126	33 15	01.3	8.92	A1	9696
127	33 24	44.7	9.17	A5	9707
128	33 38	10.3	11.04	A2	60 285
129	34 55	40.2	12.36:	B8	
130	35 04	00.7		B8	
131	35 06	28.9		A5	60 290
132	35 15	15.0	10.59	A3	60 291
133	35 24	27.2	10.66	A5	60 293
134	35 33	06.0	11.08	B5	60 294
135	35 34	32.9	10.74	B2	61 305
136	35 41	10.5	11.19	F2	
137	35 46	42.0	10.58	A0	
138	35 46	22.8	9.12	F0	9972
139	35 47	02.3	10.59	F0	
140	36 06	01.5	10.77	F0	60 298
141	36 24	23.7	11.37	A0	
142	36 36	47.4	10.49	A2	61 308
143	36 54	02.2	11.48	A2	
144	37 00	01.3	11.67	B8	
145	37 02	37.8	10.89	G8 III	
146	37 08	23.2	10.00	G8	60 301
147	37 51	06.5	11.58	B9	
148	38 00	11.0	11.01	A7	60 203
149	38 27	51.4	12.08:	A2	
150	38 34	33.0	9.80	Bo—B2	61 310
151	38 44	43.2	12.07	B8	
152	38 45	28.1	11.56	G5	60 309
153	38 48	30.5		G5	
154	38 51	10.5	11.06	Be:	60 310
155	38 54	48.1	11.17	G0	
156	39 45	51.0	9.44	B8	61 314
157	40 06	18.0	10.07	A7	60 317
158	40 18	35.2	10.50	B3	61 315
159	40 39	04.6	8.82	A2	10485
160	40 51	00.6		A3	
161	40 55	03.0		K0 III	60 321
162	41 12	35.2	12.04	B9	
163	41 33	41.2	12.08	F8	
164	41 45	02.2	10.65	B9	60 324
165	41 57	30.0	10.09	B8	61 319
166	42 03	03.4	11.98	F6	
167	42 04	40.0	12.30	B9	
168	42 09	00.1	11.82	A2:	
169	42 14	07.5	12.48	B8	
170	42 30	04.6		O—Bo	60 329
171	42 38	13.3	11.28	F2	
172	42 42	47.2	11.42	B3	
173	42 45	12.2	9.96	B9 I	60 336
174	42 51	21.5	11.08	A0	60 337
175	42 56	33.0	12.06	A3	
176	43 00	00.7	9.06	B5 I	60 339
177	43 03	54.8		K2 III	
178	43 09	37.4	12.18	A5	
179	43 11	01.0		B2 III	60 343
180	43 21	15.7	10.34	O—Bo	60 345

+61°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
181	1 ^h 43 ^m 23 ^s	60°36'.4	11.69	A5	60°349
182	43 35	28.5	12.75	B9	
183	43 54	18.7		K0	
184	43 59	06.5	11.56	B5	
185	44 18	33.7	12.40	A0	60 353
186	44 58	01.5		B-A	
187	45 42	01.3		A5	

+62°

1	1 ^h 17 ^m 24 ^s	62°15'.3		F5	
2	18 36	15.7	10.86	B9	
3	20 20	10.8	12.29	A0	
4	20 24	03.7	11.06	A5	
5	21 22	03.3	10.72	A7	
6	22 24		10.66	A1	61°262
7	23 00	02.5	11.27	K0	61 265
8	23 21	03.2	11.87	F2	
9	24 00	14.2	11.27	A0	
10	24 41	23.8	12.20	A2	
11	25 58	38.5	11.07	G5	61 269
12	26 24	08.2	10.10	B9	61 271
13	26 38	03.7	10.67	G8	61 272
14	27 00	06.3	11.95	B0-B2	
15	27 12	28.5	10.53	O	61 277
16	27 12	17.2	11.15	G8	61 276
17	27 42	23.0	12.12	B3	
18	27 42	07.6		O	
19	27 48	04.8	11.92	B0:	
20	28 03	04.5		B0	
21	28 07	06.0	11.72	M2	
22	28 09	28.5	11.99	A0	
23	28 30	01.5	10.70	A0	61 283
24	28 42	25.5		F0	
25	29 14	10.5	10.34	A1	
26	30 15	20.7	10.50	F8	61 290
27	30 36	31.3	11.82	G5	
28	31 08	06.4	10.64	B9	61 292
29	31 24	19.5	12.41	B8	
30	31 27	34.5		A2	
31	31 29	03.2	11.80	G2	61 293
32	33 00	07.0	11.87	A0	
33	33 03	33.8	12.48	B9	
34	33 18	01.8	10.06	A3	61 299
35	33 24	03.0	10.21	B0-B2	
36	33 27	02.2	11.20	B0	
37	33 31	33.7	11.56	A3	
38	34 09	30.7		B2	61 280
39	34 21	18.0	10.57	B5	61 302
40	34 27	09.7	11.60	B0-B2	
41	34 51	27.1	11.24	B3	
42	35 06	10.5	12.22	A5	
43	36 04	20.4		F0	61 306
44	36 28	27.0	12.12	A2	
45	36 42	19.3	11.37	G0	
46	36 54	33.2		A5	
47	37 14	20.8	11.29	B3	

+62°

№	α_{1950}	δ_{1950}	m_{pg}	Sp	HD BD
48	1 ^h 38 ^m 18 ^s	62°18'.7	10.84	B8	61°311
49	38 45	25.5		F0:	
50	38 54	14.5		A2	
51	39 03	14.2	12.03	G0	
52	39 09	12.0		F0	
53	39 27	03.0	12.01	F8	

Примечания:

δ	N	звезды	ADS
60°		18	1052
		72	1155
		185	1338
61°		119	1239
		120	1240
		132	1275
		176	1388
		179	1390