

KG

11366

232

RB ST. Star

Identification

626

Index

1

Standard Region	Plate No.	Pages	St. Region	Plate No.	Pages
+20° 0:00	RB 2239	2-4			
+20° 1:00	RB 2315	23-24			
+20° 2:00	RB 2316	21-22			
+20° 3:00	RB 2225	9-10			
+20° 4:00					
+20° 5:00	RB 2323	27-30			
+20° 6:00	RB 2231	14-18			
+20° 7:00	RB 2445	31-36			
+20° 8:00	RB 2527	5-8			
+20° 9:00	RB 2684				
+20° 10:00	RB 2684	37-39			
+20° 11:00	RB 2696	40-42			
+20° 12:00	RB 2699	19-20			
+20° 13:00	RB 2472	43-44			
+20° 14:00	RB 2099	25-26			
+20° 15:00	RB 2865	45-47			
+20° 16:00	RB 2670	50-51			
+20° 17:00	RB 2901	52-53			
+20° 18:00	RB 3052	58-60			
+20° 19:00	RB 2874	66-70			
+20° 20:00					
+20° 21:00	RB 2207	54-57			
+20° 22:00	RB 2235				
+20° 23:00	RB 2202	11-13			
+20°					

(Ident. by J.M.F.)

Standard Region $\left\{ \begin{array}{l} +20^\circ \\ 0:00 \end{array} \right.$

Plate: RB 2239

Star	B.D. No.	Prov. Mag.
1	+25° 5042	
2	X	
3	+24° 3	6.75:
4	+24° 4865	5.89:
5	+24° 4856	8.07
6	+24° 4844	7.72
7	+23° 4844	7.27:
8	+23° 4833	*
9	X	
10	+22° 36	7.69
11	+22° 4941	? 7.72
12	+22° 34	7.79
13	X	
14	+22° 4908	6.62
15, 15a, 17	+21° 33	8.16
16, 18	+21° 4994	7.31:
19	+21° X 13	
20	+21° 13	5.80
21	+21° 5019	7.99
22	+22° ? 5002	8.03
23	+20° 15	8.24
24	+20° 5387	7.43
25	+20° 5388	*
26	+20° 5366	8.24
27	+20° 5413	*
28	+20° 5396	6.57

Star	B.O. No.	Prov. Mag.
29	X	
30	+19° 5197	7.77
31	+19° 5129	7.59
32	+19° 64	6.06
33	+19° 27	5.79
34	+19° 5180	7.58
35	+19° 5147	7.20
36	+19° 5138	8.19
37	+19° 10	7.16
38, 40	+18° 5231	(6.72)
39	+17° 5027	x
41	+17° 5002	8.19
42	+17° 7	5.80
43	+17° 5035	7.77
44	+17° 4956	8.01
45	+17° 5032	7.99
46	+17° 5001	8.35
47	+17° 4999	7.84
48, 50	+16° 5003	7.20
49, 51	+16° 5002	8.12
52	+16° 3	7.34
53	+16° 5034	7.25
54	+16° 5073	x
55	+16° 25	8.05
56	+16° 5089	x
57	+16° 11	7.39
58	+16° 5086	x
59	+15° 47	7.56
60	+15° 39	7.47
61	+15° 4925	7.00
~~62~~		
~~63~~		

4

std.

B.P. No.

+20°

01:00 (Cont.)

62

+14° 14

63

+14° 5074

64

+14° 5094

(Ident. by J. M. E.) +20° at 8:00
RB 2527

5

Star	B.D. No.	
1	+25° 1865	
2	+25° 1864	
3	+25° 1854	
4	+25° 1812	
5	+25° 1892	
6	+25° 1816	
7	+25° 1810	
8	+25° 1860	
9	+24° 1777	
10	+24° 1802	
11	+24° 1909	
12	+24° 1903	
13	+24° 1785	
14	+24° 1907	
15	+24° 1826	
16	<del> </del>	
17		
18	+24° 1805	
19	+24° 1806	
20	+24° 1769	
21	+23° 1866	
22	+23° 1808	
23	+23° 1913	
24	+23° 1939	
25	+23° 1863	
26	+23° 1812	
27	+23° 1805	
28	+23° 1787	
29	+23° 1780	
30	+23° 1887	

6

 $+20^\circ$ 8:00
 RB 2527

Star	B.O. No.
31	$+23^\circ$ 1892
32	$+22^\circ$ 1854
33	$+22^\circ$ 1803
34	$+22^\circ$ 1756
35	$+22^\circ$ 1754
36	$+22^\circ$ 1751
37, 40	$+22^\circ$ 1915
38, 41	$+22^\circ$ 1845
39, 42	$+22^\circ$ 1780
43	X
44	$+22^\circ$ 1846
45	$+22^\circ$ 1862
46	$+21^\circ$ 1817
47	$+21^\circ$ 1803
48	$+21^\circ$ 1753
49	X
50	$+21^\circ$ 1792
51	$+21^\circ$ 1731
52	$+21^\circ$ 1724
53	$+21^\circ$ 1679
54	$+20^\circ$ 2055
55 } 56 }	$+20^\circ$ 1986
57	$+20^\circ$ 1922
58	$+20^\circ$ 1893
59	$+20^\circ$ 2079
60	$+20^\circ$ 1890
61	$+20^\circ$ 1885
62	$+20^\circ$ 1866
63	$+20^\circ$ 1946

+20° 8:00
RB 2527

7

Star	BD.	No.
64	+20°	2008
65	+20°	2003
66	+20°	1976
67	+19°	1934
68	+19°	1893
69	+19°	1869
70	+19°	1854
71	+19°	1837
72	+19°	1896
73	+19°	1873
73a, 74	+19°	1963
73b, 75	+18°	1724
76	+18°	1963
77	+18°	1733
78	+18°	1816
79	+18°	1745
80	+18°	1732
81	+18°	1795
82	+18°	1882
83	+18°	1867
84	+18°	1701
85	+17°	1682
86	+17°	1835
87	+17°	1731
88	+17°	1722
89	X	
90	+17°	1666
91	+16°	1662
92	+16°	1659
93	+16°	1612

8

 $+20^{\circ}$ 8:00
RB 25 27

Star	BD. No.
94	$+16^{\circ}$ 1687
95	X
96	$+16^{\circ}$ 1657
97	$+16^{\circ}$ 1611
98	$+16^{\circ}$ 1669
99	$+16^{\circ}$ 1580
100	$+16^{\circ}$ 1679
101	$+16^{\circ}$ 1590
102	$+15^{\circ}$ 1749
103	$+15^{\circ}$ 1775

(Ident. by J.M.F.)

 $+20^{\circ}$

3:00

9

RB 2225

Star	BD. No.	
1	X	
2	X	
3	X	
4	$+24^{\circ}$ 431	
5	$+24^{\circ}$ 396	
6	$+23^{\circ}$ 442	
7	$+22^{\circ}$ 457	
8	X	
9	$+21^{\circ}$ 447	
10	X	
11	$+21^{\circ}$ 419	
12	$+21^{\circ}$ 413	
13	$+20^{\circ}$ 484	
14	$+20^{\circ}$ 543	
15	$+20^{\circ}$ 556	
16	$+20^{\circ}$ 527	
17	$+20^{\circ}$ 573	
18	$+20^{\circ}$ 551	
19	$+20^{\circ}$ 530	
20	$+20^{\circ}$ 514	
21	$+20^{\circ}$ 458	
22	$+19^{\circ}$ 537	
23	$+19^{\circ}$ 511	
24	$+20^{\circ}$ 480	
25	$+18^{\circ}$ 403	
26	$+19^{\circ}$ 509	
27	X	
28	$+19^{\circ}$ 440	
29	$+19^{\circ}$ 477	

10

(Ident. by J. M. E.)

+ 20° 3:00
R B 2225

Star	BD No.
30	+18° 418
31	+18° 359
32	+18° 507
33	+18° 337
34	+17° 454
35	+17° 442
36	X
37	+17° 493
38	+17° 471
39	+17° 458
40	+17° 454
41	+17° 426
42	+16° 355
43	+16° 393
44	+15° 425
45	+15° 447
46	+15° 400
47	+15° 425
48	+15° 450
49	+14° 502

(Ident. by J. M. E.)

 $+20^{\circ}$ 23:00
 R B 2202.1

11

Star	BD No.
1	+25 ⁰ 4885
2	+24 ⁰ 4737
3	+24 ⁰ 4752
4	+24 ⁰ 4716
5	+23 ⁰ 4712
6	+23 ⁰ 4675
7	+23 ⁰ 4673
8	+23 ⁰ 4615
9	X
10	+23 ⁰ 4701
11	X
12	+23 ⁰ 4704
13	+22 ⁰ 4827
14	+22 ⁰ 4810
15	+23 ⁰ 4723
16	+23 ⁰ 4710
17	+23 ⁰ 4606
18	+23 ⁰ 4592
19	+22 ⁰ 4833
20	+22 ⁰ 4709
21	+22 ⁰ 4767
22	+22 ⁰ 4762
23	+22 ⁰ 4763
24	+22 ⁰ 4742
25	+21 ⁰ 4866
26	X
27	+21 ⁰ 4813
28	+21 ⁰ 4916
29	+20 ⁰ 5312
30	+20 ⁰ 5278

12

 $+20^{\circ}$ 23:00
 RB 2202.1

Star	BD No.
31	$+20^{\circ} 5317$
32	$+20^{\circ} 5264$
33, 33a	$+19^{\circ} 5093$
34	$+19^{\circ} 5060$
35	$+19^{\circ} 5036$
36	$+19^{\circ} 5057$
37	$+19^{\circ} 5111$
38	$+19^{\circ} 5089$
39	$+19^{\circ} 5058$
40	$+19^{\circ} 4982$
41	$+18^{\circ} 5126$
42	$+18^{\circ} 5125$
43	$+19^{\circ} 5027$
44	$+18^{\circ} 5021$
45	$+18^{\circ} 5014$
46	$+18^{\circ} 5046$
47	$+18^{\circ} 5059$
48	$+17^{\circ} 4875$
49	$+17^{\circ} 4863$
50	$+17^{\circ} 4890$
51	$+17^{\circ} 4866$
52	$+17^{\circ} 4833$
53	$+17^{\circ} 4865$
54	$+17^{\circ} 4818$
54a	$+17^{\circ} 4827$
54b	$+17^{\circ} 4832$
55	$+16^{\circ} 4882$
56	$+16^{\circ} 4912$
57	X
58	X

$+20^{\circ}$ 23:00
RB 2202

13

Star	BD No.
59	X
60	$+16^{\circ}$ 4900
61	$+16^{\circ}$ 4814
62	$+16^{\circ}$ 4831
63	$+15^{\circ}$ 4760
64	$+15^{\circ}$ 4752
65	$+15^{\circ}$ 4751
66	X
67	$+14^{\circ}$ 4926

14

Ident. by J. M. F.

+ 20° 6:00
RB 2231

Star	BD No.
1	+ 25° 1124
2	+ 25° 1058
3	+ 25° 1052
4	X
5	+ 25° 1034
6	+ 24° 1151
7	+ 24° 1123
8	+ 24° 1043
9	+ 24° 1039
10	+ 24° 970
11	+ 24° 1135
12	+ 24° 1033
13	+ 24° 1007
14	+ 24° 950
15	+ 24° 1182
16	+ 24° 1168
17	+ 23° 1275
18	+ 23° 1209
19	+ 23° 1208
20	+ 23° 1043
21	+ 23° 1036
22	+ 23° 1310
23	+ 23° 1300
24	+ 23° 1293
25	+ 23° 1192
26	+ 23° 1150
27	+ 23° 1347
28	+ 23° 1301
29	+ 23° 1226
30	+ 23° 1170

+20° 6:00
QB 2231

15

Star	BD No.
31	+23° 1149
32	+23° 1015
33	+23° 1232
34	+22° 1135
35	+22° 1323
36	+22° 1304
37	+22° 996
38	+22° 1241
39	+22° 1130
40, 42	+22° 1148
41, 43	+22° 1140
44	X
45	+21° 1232
46	+21° 1116
47	+21° 918
48	+21° 1143
49	+21° 1072
50	+21° 1247
51	+21° 1125
52	+21° 1099
53	+21° 1204
54	+21° 1203
55	+21° 1066
56	+21° 1003
57	+20° 1427
58	+20° 1302
59	+20° 1100
60	+20° 1428
61	+20° 1149
62	+20° 1144

16

+20° 6:00
R03 2231

Star	BD No
63	+20° 1105
64	+20° 1284
65	+20° 1129
66	+20° 1083
67	+20° 1162
68	+20° 1156
69	+20° 1233
70	+20° 1093
71	+19° 1253
72	+19° 1165
73	+19° 1110
74	+19° 1291
75	+19° 1186
76	+19° 1126
77	+19° 1004
78	+19° 1172
79	+19° 1136
80	+19° 1106
81	+19° 1270
82	+18° 1126
83	+18° 1214
84	+18° 1157
85	+19° 1285
86	+19° 1259
87	+18° 1098
88, 95	+18° 1056
89	+18° 1036
90	+18° 1010
91	+18° 923
92	+18° 1129

$+20^{\circ}$ 6:00
RB 2231

17

Star	BD No.
93	$+18^{\circ}$ 1110
94	$+18^{\circ}$ 1095
96	$+18^{\circ}$ 1046
97	$+18^{\circ}$ 959
98	$+18^{\circ}$ 957
99	$+18^{\circ}$ 950
100	$+18^{\circ}$ 938
101	$+18^{\circ}$ 1224
102	$+18^{\circ}$ 1070
103	$+18^{\circ}$ 990
104	$+17^{\circ}$ 1214
105	$+17^{\circ}$ 1182
106	$+17^{\circ}$ 1108
107	$+17^{\circ}$ 1029
108	$+17^{\circ}$ 1224
109	$+17^{\circ}$ 1004
110	$+17^{\circ}$ 1203
111	$+17^{\circ}$ 1183
112	$+17^{\circ}$ 1154
113	$+17^{\circ}$ 1031
114	$+17^{\circ}$ 1235
115	$+16^{\circ}$ 964
116	$+16^{\circ}$ 1056
117	$+16^{\circ}$ 1001
118	$+16^{\circ}$ 989
119	$+16^{\circ}$ 985
120	$+16^{\circ}$ 940
121, 124	$+16^{\circ}$ 999
122, 126	$+16^{\circ}$ 926
123	$+16^{\circ}$ 1089

18

(Ident. by J.M.E.)

+20° 6:00
RB 2231

Star	BD No
125	+16° 957
127	+16° 899
128	+16° 1091
129	+16° 1060
130	+16° 1052
131	+16° 1035
132	+16° 1000
133	+16° 904
134	+16° 855
135	+15° 1139
136	+15° 1087
137	+15° 926
138	+15° 1065
139	+15° 1054
140	+15° 957
141	+15° 1123
142	+15° 1084
143	+15° 1007
144	+14° 1170
145	+14° 1152
146	+15° 1018
147	+14° 1139
148	+14° 1136
149	+14° 1147

$+20^{\circ}$ 12:00
RB 2699

19

Star	B.D. No.
1	$+25^{\circ}$ 2471
2	$+24^{\circ}$ 2443
3	$+24^{\circ}$ 2441
4	$+24^{\circ}$ 2394
5	$+24^{\circ}$ 2436
6	$+23^{\circ}$ 2448
7	$+24^{\circ}$ 2424
8	$+23^{\circ}$ 2433
9	$+23^{\circ}$ 2417
10	$+23^{\circ}$ 2423
11	$+23^{\circ}$ 2429
12	$+23^{\circ}$ 2441
13	$+23^{\circ}$ 2375
14	$+22^{\circ}$ 2451
15	~~X~~
16	$+22^{\circ}$ 2430
17	$+22^{\circ}$ 2464
18	$+22^{\circ}$ 2421
19	$+22^{\circ}$ 2437
20	$+22^{\circ}$ 2391
21	$+21^{\circ}$ 2398
22	$+21^{\circ}$ 2361
23	$+21^{\circ}$ 2358
24	$+20^{\circ}$ 2650
25	~~X~~
26	$+19^{\circ}$ 2552
27	$+20^{\circ}$ 2648
28	$+19^{\circ}$ 2483
29	$+19^{\circ}$ 2503
30	$+19^{\circ}$ 2547

20

 $+20^{\circ}$ 12:00
RB 2:6:99

Star	B.D. No.
31	$+18^{\circ}$ 2539
32	$+19^{\circ}$ 2596
33	$+18^{\circ}$ 2592
34	$+18^{\circ}$ 2514
35	$+18^{\circ}$ 2546
36	$+17^{\circ}$ 2439
37	$+18^{\circ}$ 2566
38	$+17^{\circ}$ 2469
39	$+17^{\circ}$ 2454
40	$+17^{\circ}$ 2446
41	$+17^{\circ}$ 2462
42	$+17^{\circ}$ 2446
43	$+17^{\circ}$ 2430
44	$+17^{\circ}$ 2402
45	$+16^{\circ}$ 2296
46	$+16^{\circ}$ 2319
47	$+16^{\circ}$ 2307
48	$+15^{\circ}$ 2442
49	$+15^{\circ}$ 2436
50	$+15^{\circ}$ 2418
51	$+15^{\circ}$ 2383
52	$+14^{\circ}$ 2447

(Ident. by J.M.E.)

+ 20° 2:00
RB 2316

21

Star	BD Nr.	Prov. Mag.
1	+25° 355	x
2	+25° 348	6.52
3	+25° 341	5.58
4	X	
5	+25° 349	5.27
6	+24° 329	5.50
7	+23° 246	6.98
8	+23° 303	6.68
9	+23° 285	6.78
10	+23° 293	6.62
11	+22° 306	x
12	+22° 296	6.50
13	+22° 288	x
14	+22° 284	6.14
15	+22° 329	5.86
16	+22° 334	6.74
17	+21° 279	4.77
18 } 19 }	+21° 243	5.93
20	+21° 270	7.13
21	+20° 348	5.18
22	+20° 322	6.21
23	+20° 306	x
24	+19° 296	6.39
25	+19° 282	6.89
26	+19° 279	5.63
27, 29	+19° 340	5.10
28	+19° 342	6.90
30	X	
31	+18° 283	8.11

22

+20°

2:00

(Ident. by J.M.E.)

Star

BD No.

R~~23~~ 2316

32	+18°	277	(7.45)
33	+18°	243	3.22:
34	+18°	221	7.22
35	+17°	339	7.62
36	+17°	307	7.66
37	+17°	276	7.54
38	+17°	315	6.36
39	+17°	289	5.86
40	+16°	283	7.48
41	+16°	195?	6.38
42	+16°	247	6.69
43	+16°	281	6.72
44	+16°	203	5.83
45	+15°	290	8.88
46	+15°	268	8.10
47	+12°	271	

J.M.E.

+200

1:00

23

R1B 2315

Star	B.D. No.	Prov. Mag.
1	+25° 156	x
2	+24° 186	6.30
3	+24° 163	(7.31)
4	+23° 158	4.76
5	+23° 134	7.58
6	+23° 126	7.75:
7	+23° 106	5.13:
8	+23° 125	7.88:
9	+23° 150	6.29
10	+22° 204	5.52
11	+22° 176	6.11
12	+22° 113	6.92
13	+22° 153	4.85
14	+22° 147	7.86
15	+22° 192	7.15
16	+22° 182	7.59
17	+21° 111	8.16
18	+21° 161	7.31
19	+21° 182	7.37
20	X	
{ 21	{ +20° 103	7.18
22		
23	+20° 156	4.24
24	+20° 131	6.26
25	+20° 87	6.31
26	+20° 85	6.44
27	+20° 186	6.48
28	+20° 172	5.27
29	+19° 185	5.78
30	+19° 226	7.48

24

star	BD	No.	
31	+19°	212	6.56
32	+19°	238	7.02
33	+18°	153	5.89
~~33~~	+18°	101	5.97
34	+18°	189	6.25
35	+18°	187	5.41
36	+18°	129	5.60
{ 37	+17°	197	7.20
{ 38			
39	+18°	103	7.91
40	+17°	106	7.64
41	+17°	189	8.10
42	+17°	200	6.81
43	+16°	141	7.42
44	+16°	116	7.99
45	X		
46	+16°	87	8.25
47	+16°	76	5.15
48	+15°	181	7.82
49	+15°	177	6.31
50	+15°	167	x
51	+14°	169	x
52	+14°	163	x

+20° at 14h:00m
BD 3099

Star No. B.D. No.

1	+26° 2521
2	+26° 2511
3	+26° 2508
4	+25° 2737
5	+25° 2744
6	+25° 2713
7	+24° 2707
8	+23° 2606
9	X
10	+22° 2661
11	+22° 2678
12	+22° 2651
13	+22° 2650
14	+22° 2647
15	+22° 2654
16	+21° 2638
17	+21° 2632
18	+21° 2613
19	+21° 2579
20	+21° 2580
21	+21° 2578
22	+21° 2593
23	+21° 2598
24	+21° 2649
25	+21° 2625
26	+21° 2618
27	+21° 2610
28	+21° 2610
29	+20° 2954
30	+20° 2859

?
faintly

BD No.

BD. No.

31	+20°	2949
32	+20°	2858
33	+20°	2966
34	+19°	2810
35	+19°	2777
36	+19°	2703
37	+19°	2793
38	+19°	2779
39	+19°	2719
40	+19°	2725
41	+18°	2795
42	+18°	2813
43	+18°	2782
44	+17°	2691
45	+17°	2676
46	+16°	2637
47	+17°	2687
48	+16°	2587
49	+16°	2583
50	+16°	2564
51	+16°	2616
52	+15°	2658
53	+15°	2651

+20° at 5:00^m
RB 2323

27

Sta B.D. No.

1	+25° 839
2	+24° 854
3	X
4	X
5	+23° 954
6	+24° 755
7	+23° 888
8	+23° 1007
9	+23° 1015
10	+23° 963
11	+22° 878
12	+22° 925
13	X
14	+22° 825
15	+22° 864
16	+21° 902
17	+21° 847
18	+21° 816
19	+21° 776
20	+21° 918
21	+21° 813
22	+21° 766
23	+21° 899
24	+21° 751
26	+21° 770
27	+21° 796
28	+20° 1018
29	+20° 929
30	+20° 1082
31	+20° 1054
25	+21° 908

28

Star	B.D. No.
32	+20° 969
33	+20° 948
34	+20° 989
35	+20° 885
36	+20° 1108
37	+19° 893
38	+19° 886
39	+19° 884
40	X
41	+19° 876
42	+19° 1004
43	+19° 971
44	+19° 902
45	+19° 853
46	+19° 847
47	+19° 972
48	+19° 898
49	+18° 923
50	+19° 951
51	+18° 959
52	+18° 957
53	+18° 938
→ 54	+18° 875
{ 55	{ +18° 779
{ 56	
57	+18° 877
58	+18° 875
59	+18° ⁸⁶³ 864
60	+18° 862
61	+18° 812

} should be
interchanged?

	B.D.	No.
62	+18°	777
63	+17°	928
64	+17°	945
65	+17°	920
66	+17°	862
67	+17°	931
68	+17°	923
69	+17°	901
70	+16°	822
71	+16°	794
72	+16°	775
73	+16°	765
74	+16°	841
75	+16°	835
76	+16°	786
77	+16°	783
78	+16°	782
79	+16°	766
80	+15°	824
81	+16°	778
82	+15°	805
83	+15°	799
84	+15°	759
85	+15°	826
86	X	
87	+15°	861
88	+15°	856
89		
90	+15°	752
91	+15°	837
92	+15°	822

30

star

BD No.

93

+15° 787

94

+15° 790

95

+15° 779

96

+14° 934

97

+14 843

(Ident. by m.m.)

+20° at 7h:00m
RB 2445

31

B.D No.	B.D No.
1	+25° 1546
2	+25° 1542
3	+25° 1496
4	+25° 1482
5	+25° 1618
6	+25° 1509
7	+25° 1502
8	+24° 1576
9	+24° 1592
10	+24° 1470
11	+24° 1558
12	+24° 1502
13	+24° 1451
14	+24° 1457
15	+23° 1518
16	+23° 1609
17	+23° 1491
18	+23° 1504
19	{ +23° 1698
20	
21	+22° 1554
22	+22° 1512
23	+22° 1456
24	+22° 1566
25	+22° 1515
26	+22° 1609
27	+22° 1531
28	+22° 1484
29	+22° 1645
30	+22° 1473

32

BD No.	BD No.
31	+22° 1553
32	+22° 1416
33	+21° 1596
34	+21° 1428
35	+21° 1405
36	+21° 1589
37	X
38	+21° 1528
39	+21° 1503
40	+21° 1426
41	+21° 1472
42	+21° 1437
43	+20° 1552
44	+20° 1798
45	+20° 1781
46	+20° 1775
47	+20° 1687
48	+20° 1578
49	+20° 1562
50	+20° 1549
51	+20° 1798
52	+20° 1781
53	+20° 1775
54	X ?
55	+20° 1578
56	+20° 1562
57	+20° 1549
58	+20° 1805
59	+20° 1651
60	+20° 1795

Star	B.D. No.
61	+20° 1770
62	+20° 1751
63	+20° 1729
64	+20° 1668
65	+20° 1550
66	+20° 1531
67	X
68	+19° 1572
69	+19° 1559
70	+19° 1460
71	+19° 1591
72	X
73	+19° 1661
74	+19° 1650
75	+19° 1629
76	+19° 1574
77	+18° 1338
78	+18° 1616
79	+18° 1506
80	X
81	+18° 1617
82	+18° 1464
83	+18° 1313
84	+18° 1593
85	+18° 1348
86	+18° 1349
87	+18° 1322
88	+18° 1577
89	+17° 1505
90	+18° 1451

star	B.D. No.
91	+18° 1362
92	+18° 1324
93	+18° 1492
94	+17° 1479
95	+18° 1423
96	+17° 1447
97	+17° 1561
98	+17° 1504
99	+17° 1478
a	+17° 1357
100	+17° 1352
101	+17° 1346
102	+17° 1338
103	+17° 1506
104	+17° 1518
105	+17° 1392
106	+17° 1557
107	+17° 1518
108	+17° 1469
109	+17° 1518
110	+17° 1395
111	+16° 1443
112	+16° 1426
113	+16° 1423
114	+16° 1421
115	X
116	+16° 1400
117	+16° 1363
118	+16° 1313
119	+16° 1273
120	+16° 1260

Star	B.D. No.
121	+16° 1398
122	+16° 1300
123	+16° 1419
124	+16° 1398
125	+16° 1300
126	+16° 1448
127	+16° 1433
128	+16° 1417
~~128~~	
129	+16° 1396
130	+16° 1303
131	+16° 1298
132	+16° 1271
133	+16° 1397
134	+16° 1354
135	+16° 1314
136	+16° 1442
137	+16° 1422
138	+16° 1420
139	+16° 1352
140	+16° 1326
141	+15° 1359
142	+15° 1476
143	+15° 1473
144	+15° 1412
145	+15° 1404
146	+15° 1378
147	+15° 1494
148	+15° 1431
149	+15° 1504

36

star

B.D. No.

150	+15° 1461
151	+15° 1444
152	+15° 1416
153	+14° 1558
154	+15° 1347
155	+14° 1539

+20° at 10h:00 m
RB 2684

Star	B.D. No.
1	+25° 2231
2	+25° 2232
3	+25° 2178
4	+25° 2163
5	+25° 2155
6	+25° 2203
7	+25° 2169
8	+24° 2189
9	X
10	+24° 2129
11	+24° 2207
12	+24° 2133
13	+24° 2209
14	+24° 2189
15	+24° 2128
16	+23° 2207
17	+22° 2147
18	+22° 2273
19	+22° 2200
20	+22° 2185
21	+22° 2164
22	+22° 2193
23	+22° 2179
24	+21° 2165
25	+22° 2148
26	+21° 2113
27	+21° 2158
28	+21° 2133
29	+21° 2159
30	+21° 2108

Star	B.D. No.
31	+21 2156
32	+21° 2100
33	+20° 2351
34	+20° 2407
35	+20° 2407
36	+20° 2467
37	+20° 2391
38	+20° 2470
39	+20° 2399
40	+20° 2487
41	+20° 2466
42	+19° 2335
43	+19° 2335
44	+19° 2283
45	+19° 2279
46	+19° 2251
47	+19° 2307
48	+18° 2345
49	+18° 2338
50	+18° 2345
51	+18° 2338
52	X
53	+18° 2352
54	+18° 2330
55	+18° 2330
56	+17° 2120
57	+17° 2171
58	+16° 2091
59	+17° 2156
60	+16° 2077

Star	B.D. No.
61	+16° 2061
62	+15° 2141
63	+15° 2167
64	+15° 2140
65	+15° 2136
66	+15 2127
67	+15° 2156

40

+20° at 11^h:00m
RB 2696

Star	BD N
1	+26° 2176
2	+25° 2353
3	+25° 2335
4	+25° 2352
5	+25° 2344
6	+25° 2314
7	{ +25° 2317
8	
9	X
10	+25° 2319
11	+24° 2291
12	+24° 2285
13	+24° 2332
14	+24° 2305
15	+24° 2318
16	+24° 2142
17	+23° 2322
18	+23° 2303
19	+24° 2287
20	+24° 2279
21	+23° 2265
22	+23° 2253
23	+23° 2306
24	+23° 2261
25	+22° 2347
26	+23° 2279
27	+22° 2343
28	+22° 2531
29	+22° 2273
30	+22° 2340

Star	B.D. No.
31	+22° 2531
32	+22° 2273
33	+22° 2290
34	X
35	+21° 2218
36	X
37	+22° 2326
38	+22° 2293
39	+21° 2284
40	+21° 2314
41	+21° 2318
42	+21° 2279
43	+21° 2271
44	+21° 2262
45	+21° 2298
46	+21° 2282
47	+21° 2223
48	+21° 2247
49	+20° 2573
50	+20° 2572
51	+20° 2547
52	+20° 2514
53	+20° 2538
54	+20° 2507
55	+20° 2546
56	+19° 2371
57	+19° 2368
58	+19° 2366
59	+19° 2368
60	+19° 2366

42

Star	B.D. N.
61	+18° 2429
62	+18° 2390
63	+18° 2386
64	+18° 2452
65	+18° 2431
66	+18° 2488
67	+18° 2481
68	+18° 2475
69	+17° 2351
70	+17° 2318
71	+16° 2159
72	+17° 2340
73	+16° 2273
74	+16° 2180
75	+16° 2224
76	+16° 2191
77	+16° 2234
78	+15° 2311
79	+15° 2301

+20° at 13^h:00^m
RB 2472

Star	BD No.
1	+25° 2599
2	+25° 2610
3	+23° 2502
4	+23° 2530
5 ^a	+23° 2537
	+23° 2538
6	+22° 2522
7	+22° 2532
8	+22° 2564
9	+22° 2550
10	+21° 2487
11	+22° 2519
12	+21° 2439
13	+20° 2771
	+20° 2815
14	+20° 2814
15	+19° 2614
16	+19° 2772
	+19° 2659
	+19° 2655
17	+19° 2612
18	+19° 2657
	+19° 2649
19	+19° 2648
20	+19° 2622
21	+18° 2716
22	+18° 2717
23	+18° 2697
24	+18° 2700
25	+17° 2682
26	+18° 2700
27	+17° 2682
28	+17° 2611
29	+17° 2573
30	+17° 2533

Star

B.D. No.

31

 $+16^{\circ}$ 2476

32

 $+16^{\circ}$ 2430

33

 $+16^{\circ}$ 2420

34

35

36

37

38

39

40

$+20^{\circ}$ at 15^h:00^m
RB 2865

45

Star B.D. No.

1	+26° 2647
2	+25° 2853
3	+25° 2876
4	+25° 2861
5	+25° 2856
6	+25° 2850
7	+25° 2813
8	+25° 2841
9	+25° 2877
10	+25° 2855
11	+24° 2798
12	+24° 2779
13	+24° 2803
14	+24° 2786
15	+24° 2790
16	+23° 2789
17	+23° 2784
18	+23° 2747
19	+23° 2744
20	+23° 2776
21	+23° 2775
22	+22° 2811
23	+22° 2801
24	+22° 2780
25	+22° 2731
26	+22° 2772
27	+22° 2750
28	+22° 2833
29	+22° 2799
30	+22° 2764

Star	B.D. No.
31	+22° 2824
32	+21° 2676
33	+21° 2674
34	+21° 2755
35	+20° 3032
36	+21° 2749
37	+20° 3036
38	+20° 3056
39	+19° 2966
40	+19° 2870
41	+19° 2939
42	X
43	+19° 2939
44	+19° 2945
45	+19° 2935
46	+20° 3056
47	+19° 2881
48	+19° 2870
49	+19° 2863
50	+19° 2961
51	+19° 2935
52	+19° 2891
53	+19° 2854
54	+19° 2924
55	+19° 2850
56	+18° 2972
57	+17° 2806
58	+17° 2803
59	+17° 2780
60	+16° 2715

star	B.D. No.
61	+16° 2725
62	+16° 2705
63	+16° 2728
64	+15° 2790
65	+15° 2784
66	+15° 2792
a	+15° 2796

+20° at 4^h:00^m
RB 3453

Star	B.D. No.
1	+26° 686
2	+25° 641
3	+25° 624
4	—
5	+24° 583
6	—
7	+24° 546
8	+24° 562
9	+24° 556
10	+24° 553
11	+23° 684
12	+23° 553
13	+23° 516
14	+24° 547
15	+23° 505
16	+23° 609
17	+23° 558
18	+23° 557
19	+23° 541
20	+23° 534 ?
21	+23° 507
22	+23° 570
23	+23° 556
24	—
25	+23° 522
26	+23° 563
27	+23° 537 ?
28	—
29	+22° 563
30	+22° 699

Star	B.D. 190,
31	+22° 696
32	+22° 607
33	+22° 545
36	+22° 523
37	+21° 642
38	+21° 643
40	+22° 605
41	+21° 585
42	+21° 535
43	+21° 587
45	+21° 647
46	+21° 618
~~46~~ 47	+20° 751
~~47~~ 48	+20° 733
49	+20° 621
50	+20° 602
51	+20° 724
52	+19° 689
53	+19° 578
54	+19° 672
55	+18° 633
56	+18° 624
58	+18° 594
59	+17° 714
60	+17° 712
61	+16° 569
63	+16° 523
64	+15° 607
65	+16° 567
66	+14° 657

50

+20° at 16h:00m
RB 2670

Star	B.D. No.
1	+26° 2809
2	+25° 3020
3	+25° 2994
4	+23° 2909
5	+23° 2916
6	+23° 2876
7	+23° 2838
8	+23° 2887
9	+23° 2886
10	+23° 2892
11	+22° 2926
12	+22° 2921
13	+22° 2961
14	+22° 2926
15	+22° 2958
16	+21° 2886
17	+21° 2813
18	+22° 2959
19	+21° 2893
20	+21° 2829
21	+21° 2812
22	+21° 2902
23	+21° 2875
24	+20° 3166
25	+20° 3155
26	+20° 3166
27	+20° 3145
28	+20° 3138
29	+19° 3089
30	X

Star	B.D.	N.
31	+19°	3086
32	+19°	3075
33	+19°	3036
34	+18°	3059
35	+18°	3074
36	+18°	3104
37	+18°	3108
38	+18°	3101
39	+17°	2969
40	+17°	2926
41	+17°	2906
42	+17°	2967
43	+17°	2965
44	+17°	2983
45	+17°	2907
46	+16°	2840
47	+16°	2849
48	+15°	2925

52

 $+20^\circ$ at $17^h:00^m$
RB 2901

Star	B.D. No.
1	$+25^\circ$ 3156
2	$+25^\circ$ 3183
3	$+25^\circ$ 3150
4	$+25^\circ$ 3166
5	$+25^\circ$ 3221
6	$+24^\circ$ 3069
7	$+24^\circ$ 3167
8	$+24^\circ$ 3127
9	$+24^\circ$ 3104
10	$+24^\circ$ 3095
11	$+24^\circ$ 3141
12	$+24^\circ$ 3140
13	X
14	$+23^\circ$ 3091
15	$+23^\circ$ 3070
16	$+22^\circ$ 3004
17	$+23^\circ$ 3050
18	$+23^\circ$ 3100
19	$+23^\circ$ 3074
20	X
21	$+22^\circ$ 3103
22	$+22^\circ$ 3136
23	$+22^\circ$ 3045
24	$+22^\circ$ 3073
25	$+21^\circ$ 2970?
26	$+22^\circ$ 3022
27	$+22^\circ$ 3005
28	$+21^\circ$ 3100
29	$+21^\circ$ 3070
30	$+21^\circ$ 3103

Star	B.D.	No.
31	+21°	3352
32	+21°	3002
33	+20°	3481
34	+19°	3218
35	+19°	3217
36	+19°	3281
37	+18°	3266
38	+18°	3244
39	+18°	3351
40	+18°	3336
41	+18°	3261
42	+18°	3280
a	+17°	3136
43	+17°	3216
44	+17°	3093
45	+17°	3241
46	+16°	3139
47	+16°	3069
48	+16°	2887
49	+16°	3051
50	+15°	3077
51	+15°	3089
52	+15°	3072
53	+15°	3058
54	+15°	3095
55	+15°	3063
56	+14°	3180
57		
58	+14°	3180

var.

54

+20° at 21h:00m
RB 2207

star	B.D. No.
1	X
2	X
3	+24° 4319
4	+23° 4222
5	+24° 4241
6	+23° 4264
7	+23° 4224
8	+23° 4294
9	+23° 4124
10	+22° 4233
11	+23° 4129
12	+23° 4124
13	+23° 4119
14	X
15	+22° 4313
16	+22° 4373
17	+22° 4278
18	+22° 4199
19	+22° 4178
20	X
21	+22° 4217
22	+21° 4509
23	+21° 4486
24	+21° 4426
25	+21° 4366
26	+21° 4521
27	+21° 4513
28	+21° 4537
29	+21° 4318
30	+21° 4305

Star	B. D. No.
31	X
32	+21° 4539
33	+21° 4318
34	+21° 4305
35	+21° 4549
36	+21° 4471
37	+21° 4448
38	+20° 4408 ?
39	+20° 4699
40	+20° 4658
41	+20° 4829
42	+20° 4919
43	+20° 4680
44	+20° 4826
45	+19° 4501
46	+19° 4691
47	+19° 4638
48	+19° 4590
49	+19° 4494
50	+19° 4666
51	+19° 4580
52	+19° 4490
53	+18° 4794
54	+18° 4719
55	+18° 4675
56	+17° 4577
57	+18° 4695
58	+18° 4688
59	+17° 4582
60	+17° 4569

Star	B.D. No.
61	+17° 4401
62	+17° 4549
63	+17° 4548
64	+17° 4518
65	+17° 4446
66	+17° 4438
67	X
68	+17° 4549
69	+17° 4548
70	+17° 4518
71	+17° 4446
72	+17° 4438
73	+17° 4543
74	+17° 4528
75	+17° 4519
76	+17° 4278
77	+17° 4382
78	+16° 4401
79	+16° 4407
80	+16° 4502
81	+15° 4304
82	+15° 4300
83	+16° 4486
84	+15° 4379
85	+15° 4297
86	+15° 4281
87	+15° 4257
88	+15° 4255
89	+15° 4375
90	+14° 4556

Star	B.D. No.
91	+15° 4340
92	+15° 4304
93	+14° 4530
94	+14° 4475
95	+14° 4544
96	+14° 4518
97	+14° 4478
98	+13° 4591

58

+20° at 18^h:00
RB 3052

Star	B.D. N.
1	+26° 3178
3	+25° 3404
5	+25° 3357
7	+24° 3342
9	+24° 3381
12	+24° 3264
13	+24° 3237
14	+24° 3351
17	+24° 3351
21	+23° 3254
22	+24° 3283
23	+23° 3216
24	+23° 3160
25	+23° 3316
26	+23° 3265
27	+22° 3358
28	+22° 3337
29	+22° 3267
30	+22° 3266
31	+22° 3303
32	+22° 3237
33	+22° 3227
34	+22° 3273
36	+21° 3390
37	X
38	+22° 3208
39	+21° 3427
40	+21° 3411
42	+21° 3400
43	+21° 3305

Is this a
variable? Photometric measures and plate image much brighter
than designated in B.D. catalogue or chart.

Star	B.D. No.
44	+21° 3280
45	+21° 3188
46	+21° 3325
47	x
49	+21° 3388
50	+20° 3715
52	x
53	+20° 3674
54	+20° 3649
55	+20° 3659
56	+20° 3633
57	+20° 3613
58	+20° 3570
59	+20° 3769
61	+20° 3675
62	+19° 3474
64	+19° 3508
65	+19° 3494
66	+19° 3435
70	+19° 3401
72	+18° 3464
76	+18° 3582
78	+18° 3502
83	+18° 3500
84	+18° 3415
85	+18° 3623
86	+17° 3555
87	+17° 3334
89	+17° 3312
90	+16° 3300

Star	B. V. No.
91	+16° 3347
93	+16° 3335
94	+16° 3390
96	+16° 3405
97	+16° 3390
98	+15° 3365
99	+15° 3285
100	+15° 3292
101	+15° 3327
102	+14° 3378

71	+16° 3317
72	+16° 3317
73	+16° 3317
74	+16° 3317
75	+16° 3317
76	+16° 3317
77	+16° 3317
78	+16° 3317
79	+16° 3317
80	+16° 3317
81	+16° 3317
82	+16° 3317
83	+16° 3317
84	+16° 3317
85	+16° 3317
86	+16° 3317
87	+16° 3317
88	+16° 3317
89	+16° 3317
90	+16° 3317
91	+16° 3317
92	+16° 3317
93	+16° 3317
94	+16° 3317
95	+16° 3317
96	+16° 3317
97	+16° 3317
98	+16° 3317
99	+16° 3317
100	+16° 3317
101	+16° 3317
102	+16° 3317

+20° at 22h:00m
RB 2235

61

Star	B.D. No.
1	+25° 4635
2	24° 4525
3	+24° 4540
4	+24° 4533
5	+24° 4531
6	+24° 4548
7	+23° 4493
8	+23° 4472
9	+21° 4680
10	+22° 4563
11	+22° 4601
12	+22° 4563
13	+22° 4474
14	+22° 4472
15	+22° 4465
16	+21° 4719
17	+21° 4723
18	+21° 4622
19	+21° 4723
20	+21° 4622
21	+21° 4696
22	+21° 4615
23	+21° 4617
24	+21° 4599
25	+21° 4695
26	+21° 4600
27	+20° 5046
28	+20° 5027
29	+21° 5133
30	+20° 4718

Star	B.D. No.
31.	+20° 5093
32.	+20° 5047
33.	+20° 5139
34.	+20° 5076
35.	+20° 5041
36.	+19° 4809
37.	+19° 4793
38.	+18° 4845
39.	+19° 4833
40.	+19° 4897
41.	+19° 4841
42.	+19° 4835
43.	+19° 4784
44.	+19° 4822
45.	+18° 4879
46.	+19° 4797
47.	+18° 4858
48.	+19° 4822
49.	+18° 4879
50.	+19° 4797
51.	+18° 4845
52.	+18° 4949
53.	+18° 4946
54.	+18° 4930
55.	+18° 4871
56.	+18° 4878
57	+18° 4874
58	+18° 4835
59	+18° 4830
60	+18° 4985

Star	B.D. No
61.	+18° 4917
62.	+18° 4899
63.	+18° 4841
64.	+18° 4959
65.	+17° 4746
66.	+17° 4712
67.	+17° 4724
68.	+17° 4693
69.	X
70.	+16° 4673
71.	+16° 4650
72.	+16° 4612
73.	+16° 4582
74.	+16° 4612
75.	+16° 4581
76.	+16° 4694
77.	+16° 4598
78.	+16° 4581
79.	+15° 4586
80.	+16° 4665
81.	+15° 4620
82.	+15° 4617
83.	+15° 4592
84.	+15° 4548
85.	+15° 4558
86.	+15° 4549
87.	+15° 4519
88.	+15° 4506
89.	+15° 4710
90.	+15° 4508

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B.D. No.

91.

 $+15^{\circ}4519$

92.

 $+14^{\circ}4730$

93.

~~94.~~

Star	B.D.No.
1	
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$+20^\circ$ at 19h:00m
RB 2874

Star	B.D. No.
1	$+26^\circ 3429$
2	$+26^\circ 3418$
3	$+25^\circ 3672$
4	$+25^\circ 3711$
5	$+25^\circ 3685$
6	$+25^\circ 3671$
7	$+25^\circ 3711$
8	X
9	$+25^\circ 3671$
10	$+25^\circ 3786$
11	$+25^\circ 3717$
12	$+25^\circ 3710$
13	$+25^\circ 3663$
14	$+25^\circ 3802$
15	$+25^\circ 3438$
16	$+24^\circ 3545$
17	$+25^\circ 3780$
18	$+24^\circ 3341$
19	$+24^\circ 3608$
20	$+24^\circ 3640$
21	X
22	$+22^\circ 3561$
23	$+23^\circ 3641$
24	X
25	$+23^\circ 3465$
26	X
27	$+23^\circ 3461$
28	$+23^\circ 3438$
29	$+23^\circ 3625$
30	$+23^\circ 3572$

Star	B.D. No.
31	+23° 3549
32	+22° 3648
33	X
34	+22° 3524
35	X
36	+22° 3674
37	+22° 3647
38	X
39	+22° 3594
40	+21° 3740
41	+22° 3617
42	+22° 3561
43	+21° 3666
44	+21° 3550
45	+21° 3550
46	+21° 3726
47	+21° 3719
48	+21° 3782
49	+21° 3690
50	+21° 3672
51	+21° 3713
52	+21° 3634
53	X
54	+21° 3582
55	+20° 4142
56	+20° 4039
57	+20° 4088
58	X
59	+21° 3648
60	+21° 3560

Star	B.D. No.
61	+20° 4114
62	+20° 4021
63	+20° 4007
64	+20° 3926
65	+19° 4039
66	+19° 4028
67	+19° 4019
68	+19° 4009
69	+19° 4000
70	X
71	+19° 4015
72	+19° 3956
73	+19° 3880
74	+19° 3779
75	X
76	+19° 4010
77	+19° 4004
78	+19° 3919
79	+19° 3858
80	X
81	X
82	X
83	+19° 3975
84	+19° 3888
85	X
86	X
87	+19° 3865
88	+19° 3798
89	+19° 3762
90	+19° 4037

Star	B.D. No.
91	X
92	+19° 3879
93	+18° 4014
94	X
95	X
96	X
97	+18° 3958
98	X
99	+18° 3817
100	+18° 3823
101	+17° 3949
102	X
103	+17° 3779
104	X
105	+17° 3944
106	X
107	+17° 3779
108	+17° 3778
109	X
110	X
111	+17° 3943
112	X
113	+17° 3838
114	+17° 3799
115	X
116	+16° 3613
117	+16° 3775
118	+16° 3758
119	+16° 3752
120	+16° 3812

Star	B.D. No.
121	X
122	X
123	X
124	X
125	X
126	+15° 3747
127	+15° 3743
128	X
129	X
130	+15° 3721
131	+15° 3690
132	X
133	+15° 3615
134	+14° 3736

RB 2879

Star	B.O.	NO.
1	+25°	4116
2	+25°	4060
3	+25°	4041
4	+25°	4004
5	+25°	4165
6	+25°	4149
7	+25°	4034
8	+24°	4029
9	+24°	3914
10	+24°	3892
11	+24°	4053
12	X	
13	+24°	3977
14	+24°	3975
15	X	
16	+24°	4053
17	+24°	3977
18	+24°	3975
19	X	
20	+24°	4075
21	+24°	3907
22	+23°	3829
23	+23°	3935
24	+23°	3932
25	+23°	3921
26	+23°	3999
27	+23°	3925
28	+23°	3868
29	+23°	3845
30	+23°	3944

Star	B.D.	NO.
31	+23°	3896
32	+22°	3908
33	+22°	4013
34	+22°	3913
35	+22°	3872
36	+22°	4028
37	+22°	3918
38	+22°	3903
39	+22°	3776
40	+22°	3928
41	+22°	3833
42	+21°	4164
43	+21°	4133
44	+22°	3784
45	+21°	4221
46	+21°	4109
47	+21°	4027
48	+21°	3862
49	+21°	4088
50	+20°	4559
51	+21°	4203
52	+21°	4147
53	+21°	4139
54	+20°	4500
55	+21°	4130
56	+21°	3868
57	+20°	4464
58	+20°	4470
59	+20°	4462
60	+20°	4453

Star	B.D. No.
61	+20° 4351
62	+20° 4210
63	+20° 4571
64	+20° 4561

