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M

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H. T. Russells

Magnitudes of Nebulae

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F. S. B.

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C.C. F.S.B. complete

0 - Declination Program
and 20-to 20 Declination Program

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1932phae.proj.234PM

4 A15780

A15780

No.	Mag. 1	Mag. 2	Mean	Remarks
#1-38 outside 9 sq. degrees. Also all nos. checked in red outside 9 sq. degrees 1	15.5	16.0	15.7	
2	16.5	17.0	16.7	
3	16.5	16.5	16.5	
4	16.0	16.0	16.0	
5	16.5	17.0	16.7	Nebula ?
6	17.0	17.0	17.0	Nebula ?
7	16.5	17.0	16.7	Nebula ?
8	16.5	16.5	16.5	
9	16.5	17.0	16.7	Nebula ? In contact with star
10	17.0	17.0	17.0	Nebula ?
11	16.5	17.0	16.7	
12	17.0	17.5	17.2	
13	16.5	17.0	16.7	
14	17.0	17.5	17.2	
15	17.0	17.5	17.2	Nebula ?
16	16.5	17.0	16.7	
17	16.5	16.5	16.5	
18	16.0	16.5	16.2	
19	16.5	16.5	16.5	
20	17.0	17.5	17.2	
21	17.0	17.0	17.0	
22	16.5	17.0	16.7	Nebula ?
23	16.5	16.5	16.5	Nebula ?
24	16.5	16.5	16.5	
25	16.5	16.5	16.5	
26	16.5	17.0	16.7	
27	17.0	17.5	17.2	Nebula ?
28	16.5	17.0	16.7	
29	16.5	16.5	16.5	
30	16.5	17.0	16.7	

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17h 0m 780

No.	Mag. 1	Mag. 2	Mean	Remarks
31	16.5	17.0	16.7	
32	17.0	17.0	17.0	
33	16.5	16.5	16.5	
34	17.0	17.0	17.0	
35	17.0	17.0	17.0	Nebula ?
36	16.5	17.0	16.7	
37	17.0	17.5	17.2	
38	16.5	17.0	16.7	Nebula ?
39	17.0	17.0	17.0	Nebula ?
40	17.0	17.5	17.2	
41	17.0	17.0	17.0	Nebula ?
42	17.0	17.5	17.2	
43	16.5	16.5	16.5	
44	16.5	17.0	16.7	Nebula ?
45	16.5	16.5	16.5	
46	16.5	16.5	16.5	Nebula ?
47	16.5	16.5	16.5	Nebula ?
48	16.5	16.5	16.5	Nebula ?
49	16.5	17.0	16.7	
50	17.0	17.0	17.0	Nebula ?
51	17.0	17.0	17.0	
52	16.5	16.5	16.5	
53	16.5	17.0	16.7	
54	17.5	17.5	17.5	
55	16.5	16.5	16.5	
56	16.5	16.5	16.5	Nebula ?
57	16.5	17.0	16.7	
58	16.5	16.5	16.5	
59	17.0	17.0	17.0	
60	17.0	16.5	16.7	

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No.	Mag. 1	Mag. 2	Mean	Remarks
61	16.0	16.5	16.2	
62	16.5	17.0	16.7	
63	17.0	17.5	17.2	Nebula?
64	17.0	17.5	17.2	Nebula?
65	17.0	17.0	17.0	
66	16.5	17.0	16.7	Nebula?
67	16.5	16.5	16.5	
68	17.0	17.0	17.0	
69	16.0	16.5	16.2	
70	17.5	17.5	17.5	Nebula?
71	17.5	17.0	17.2	Nebula?
72	16.5	16.5	16.5	
73	16.5	16.5	16.5	
73a	17.0	17.0	17.0	
74	17.0	16.5	16.7	
75	17.0	17.0	17.0	Nebula?
76	16.0	16.0	16.0	
77	17.0	17.0	17.0	
78	17.0	17.0	17.0	Nebula?
79	16.5	16.5	16.5	Nebula?
80	16.5	16.5	16.5	
81	16.0	16.0	16.0	
82	17.5	17.0	17.2	Star close by
83	16.0	16.0	16.0	
84	14.5	14.5	14.5	
85	17.5	17.0	17.2	
86	17.5	17.5	17.5	Nebula?
87	17.5	17.5	17.5	
88	17.5	17.5	17.5	
89	17.0	17.0	17.0	
90	17.0	17.0	17.0	

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A10.780

No.	Mag. 1	Mag. 2	Mean	Remarks
91	17.5	17.5	17.5	
92	17.0	17.0	17.0	
93	17.0	17.0	17.0	
94	17.0	17.5	17.2	
95	17.0	17.0	17.0	Nebula?
96	17.0	17.0	17.0	
97	17.0	17.5	17.2	
98	17.0	17.0	17.0	
99	17.0	17.5	17.2	
100	16.5	16.5	16.5	Nebula?
101	17.0	17.0	17.0	Nebula?
102	16.5	16.5	16.5	
103	16.5	16.5	16.5	
104	16.5	16.5	16.5	
105	16.5	16.5	16.5	Nebula?
106	17.0	17.0	17.0	
107	16.5	17.0	16.7	Nebula?
108	16.5	16.5	16.5	Nebula?
109	16.5	16.5	16.5	Nebula?
110	16.5	16.5	16.5	
111	16.5	17.0	16.7	
112	16.5	16.5	16.5	
113	17.5	17.5	17.5	Nebula?
114	16.5	16.5	16.5	
115	17.0	17.0	17.0	
116	17.0	17.0	17.0	
117	17.5	17.5	17.5	
118	16.5	17.0	16.7	Nebula?
119	16.0	16.5	16.2	Nebula?
120	16.5	16.5	16.5	

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No.	Mag. 1	Mag. 2	Mean	Remarks
121	15.0	14.5	14.7	
122	16.0	16.0	16.0	Nebula?
123	16.5	16.5	16.5	
124	17.5	17.5	17.5	
125	17.0	17.0	17.0	
126	16.5	17.0	16.7	
127	17.5	17.5	17.5	Nebula?
128	17.0	17.0	17.0	Nebula?
129	17.5	17.5	17.5	
130	17.0	17.0	17.0	
131	16.5	16.5	16.5	
132	16.5	16.5	16.5	
133	17.0	17.0	17.0	
134	17.0	17.0	17.0	Nebula?
135	17.5	17.5	17.5	
136	16.5	16.5	16.5	
137	16.0	16.5	16.2	
138	17.0	17.5	17.2	Nebula?
139	17.5	17.0	17.2	Nebula?
140	17.5	17.5	17.5	Nebula?
141	17.5	17.5	17.5	Nebula?
142	16.5	17.0	16.7	
143	17.0	17.0	17.0	
144	16.5	16.5	16.5	
145	17.0	17.0	17.0	Nebula?
146	16.0	16.5	16.2	
147	16.5	17.0	16.7	
148	17.0	17.0	17.0	
149	17.0	17.0	17.0	
150	16.5	17.0	16.7	

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A 15:780

No.	Mag. 1	Mag. 2	Mean	Remarks
151	16.5	16.5	16.5	
152	17.0	17.0	17.0	
153	17.0	16.5	16.7	
154	16.5	17.0	16.7	Nebula?
155	16.5	16.5	16.5	
156	17.0	17.5	17.2	Nebula?
157	16.5	16.5	16.5	
158	16.5	16.5	16.5	
159	17.0	17.0	17.0	Nebula?
160	17.0	17.0	17.0	Nebula?
161	17.0	16.5	16.7	Nebula?
162	17.0	16.5	16.7	
163	17.0	17.0	17.0	
164	16.5	16.5	16.5	
165	16.0	15.5	15.7	
166	16.5	16.5	16.5	
167	17.5	17.5	17.5	Nebula?
168	17.5	17.5	17.5	
169	17.0	17.0	17.0	Nebula?
170	17.0	17.0	17.0	
171	17.5	17.5	17.5	Nebula?
172	17.6	16.5	16.7	
173	17.5	17.0	17.2	Nebula?
174	17.0	16.5	16.7	
175	17.0	17.0	17.0	
176	17.0	17.0	17.0	
177	17.5	17.5	17.5	Nebula ?
178	17.0	17.0	17.0	
179	17.5	17.0	17.2	Nebula ?
180	16.5	16.5	16.5	Nebula ?

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No.	Mag. 1	Mag. 2	Mean	Remarks
181	16.5	16.5	16.5	
182	17.5	17.0	17.2	Nebula?
183	17.0	17.0	17.0	
184	16.5	16.5	16.5	Small surface brightness
185	16.5	17.0	16.7	
186	17.5	17.5	17.5	
187	17.0	17.0	17.0	Nebula?
188	16.5	17.0	16.7	
189	17.0	17.0	17.0	
190	16.5	17.0	16.7	
191	17.0	17.0	17.0	
192	16.0	16.5	16.2	
193	16.5	17.0	16.7	
194	16.5	16.5	16.5	
195	16.5	17.0	16.7	
196	16.5	17.0	16.7	
197	17.5	17.5	17.5	Nebula?
198	16.5	17.0	16.7	Nebula?
199	17.0	17.0	17.0	
200	16.5	17.0	16.7	
201	17.0	17.5	17.2	Nebula?
202	16.5	17.0	16.7	Nebula?
203	16.5	17.0	16.7	
204	16.5	16.5	16.5	
205	16.0	16.5	16.2	
206	16.5	17.0	16.7	Nebula?
207	16.5	16.5	16.5	
208	17.0	17.0	17.0	
209	16.5	16.5	16.5	Nebula?
210	16.5	17.0	16.7	Nebula?

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A 15780

No.	Mag. 1	Mag. 2	Mean	Remarks
211	17.0	17.0	17.0	
212	17.0	17.0	17.0	
213	17.0	17.0	17.0	
214	16.0	16.5	16.2	
215	16.0	16.5	16.2	
216	17.0	17.0	17.0	
217	16.5	17.0	16.7	
218	17.5	17.0	17.2	
219	17.0	16.5	16.7	
220	16.5	16.5	16.5	
221	17.0	16.5	16.7	
222	16.5	16.0	16.2	
223	17.0	17.0	17.0	
224	16.5	17.0	16.7	
225	16.5	16.5	16.5	
226	17.0	17.0	17.0	Nebula?
227	16.0	16.0	16.0	Nebula?
228	16.5	17.0	16.7	
229	17.0	16.5	16.7	
230	16.5	16.5	16.5	
231	17.0	16.5	16.7	Nebula?
232	16.5	16.5	16.5	Nebula?
233	16.5	16.5	16.5	
234	16.5	16.0	16.2	Nebula?
235	15.0	15.0	15.0	
236	16.5	16.5	16.5	
237	17.0	16.5	16.7	
238	17.0	16.5	16.7	Nebula?
239	16.5	16.5	16.5	
240	17.0	17.0	17.0	

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No.	Mag 1	Mag 2	Mean	Remarks
241	16.5	16.0	16.2	
242	17.0	17.0	17.0	
243	17.0	17.0	17.0	Nebula?
244	16.5	16.5	16.5	Nebula?
245	16.5	16.5	16.5	Nebula?
246	16.0	16.0	16.0	Nebula?
246a	16.5	16.5	16.5	
247	17.0	17.0	17.0	
248	17.5	17.5	17.5	
249	17.0	17.0	17.0	
250	17.0	16.5	16.7	Nebula?
251	16.5	17.0	16.7	
252	16.0	16.0	16.0	
253	16.5	16.0	16.2	Nebula?
254	16.0	16.0	16.0	
255	16.5	16.5	16.5	Nebula?
256	16.5	16.5	16.5	
257	16.5	16.0	16.2	Nebula?
N 7364	14.5	14.0	14.2	
7391	14.0	13.5	13.7	
7396	14.0	13.5	13.7	
7397	15.0	15.5	15.2	
7398	15.0	15.5	15.2	
7401	15.5	16.0	15.7	
7402	16.0	16.0	16.0	
7428	14.5	14.5	14.5	

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A 15781

No.	Mag. 1	Mag 2	Mean		Remarks
1-52 ⌐ 1	16.5	16.5	16.5 ✓	16.4	
out slot 2	16.5	16.5	16.5 ✓	16.4	
9 □° 3	16.5	16.5	16.5 ✓	16.4	
also 4	16.5	17.0	16.7 ✓	16.6	Nebula ?
all nos. 5	16.5	16.5	16.5 ✓	16.4	
Ves 6	17.0	17.0	17.0 ✓	16.9	
in red 7	16.5	16.5	16.5 ✓	16.4	Nebula ?
8	16.0	16.5	16.2 ✓	16.2	
N7546 = 9	15.5	16.0	15.7 ✓	15.7	
10	16.0	16.5	16.2 ✓	16.2	
N7544 = 11	16.0	16.5	16.2 ✓	16.1	Nebula ?
12	16.0	16.0	16.0 ✓	15.9	
13	15.0	15.5	15.2 ✓	15.2	
14	16.0	16.0	16.0 ✓	15.9	
15	17.0	17.0	17.0 ✓	17.0	
16	16.5	16.5	16.5 ✓	16.4	
17	16.5	16.5	16.5 ✓	16.4	
18	17.0	17.0	17.0 ✓	16.9	Nebula ?
19	17.5	17.0	17.2 ✓	17.2	
20	15.5	15.5	15.5 ✓	15.4	
21	16.0	16.5	16.2 ✓	16.2	
22	16.0	16.5	16.2 ✓	16.1	
23	17.0	17.0	17.0 ✓	17.0	
24	16.0	16.5	16.2 ✓	16.1	
25	16.5	16.5	16.5 ✓	16.4	Nebula ?
26	16.5	16.0	16.2	16.2	
27	16.5	17.0	16.7 ✓	16.6	Nebula ?
28	16.0	16.0	16.0 ✓	15.9	
29	17.5	17.5	17.5 ✓	17.5	Nebula ?
30	16.5	16.5	16.5 ✓	16.4	

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A 15781

No	Mag. 1	Mag. 2	Mean		Remarks
31	16.5	16.5	16.5	16.4	
32	17.0	17.0	17.0	16.9	
33	17.0	17.0	17.0	17.0	Nebula?
34	16.0	16.5	16.2	16.2	
35	15.5	15.5	15.5	15.4	
36	16.0	16.5	16.2	16.1	
37	16.5	16.5	16.5	16.4	
38	16.0	16.0	16.0	15.9	
N754= 39	15.5	15.5	15.5	15.4	
40	16.0	16.0	16.0	15.9	
41	17.0	16.5	16.7	16.7	
42	17.0	17.0	17.0	16.9	
43	17.0	17.0	17.0	17.0	
44	17.5	17.0	17.2	17.3	
45	17.0	17.0	17.0	17.0	
46	17.5	17.5	17.5	17.5	
47	17.5	17.5	17.5	17.5	Nebula?
48	16.5	17.0	16.7	16.6	
49	15.5	16.0	15.7	15.7	
50	17.0	17.0	17.0	16.9	
51	17.5	17.5	17.5	17.5	Nebula?
52	17.5	17.0	17.2	17.2	
53	17.5	17.0	17.2	~~17.1~~ 17.3	
54	17.5	17.0	17.2	17.2	
55	17.0	17.0	17.0	~~16.9~~	
56	16.5	16.5	16.5	16.4	
57	17.0	17.0	17.0	17.0	
58	17.5	17.5	17.5	~~17.4~~ 17.5	
59	17.5	17.5	17.5	17.5	
60	17.0	17.0	17.0	16.9	

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A 15781

No.	Mag. 1	Mag. 2	Mean.		Remarks
61	17.5	17.0	17.2r	17.2	
62	17.0	17.0	17.0	16.9	
63	17.5	17.5	17.5	17.1	
64	15.5	16.0	15.7	15.7	
65	16.0	16.0	16.0	15.9	
66	16.5	16.5	16.5	16.4	
67	16.0	16.0	16.0	15.9	
68	15.5	16.0	15.7	15.6	
69	17.0	17.0	17.0	17.	Nebula ?
70	17.5	17.5	17.5	17.5	
71	17.0	17.0	17.0	16.9	
72	17.0	17.0	17.0	17.0	
73	16.0	16.5	16.2	16.1	
74	16.5	16.5	16.5	16.4	
75	16.0	16.5	16.2	16.2	
76	17.0	17.0	17.0	16.9	
77	16.5	16.5	16.5	16.4	
78	16.5	16.5	16.5	16.4	
79	17.0	16.5	16.7	16.7	
80	17.0	17.0	17.0	17.0	
81	17.0	17.0	17.0	16.9	
82	17.5	17.0	17.2	17.2	Nebula?
83	17.0	17.5	17.2	17.3	
84	17.0	17.5	17.2	17.2	
85	17.0	17.0	17.0	17.0	
86	16.0	16.5	16.2	16.1	
87	18.0	17.5	17.7	17.8	Nebula?
88	17.0	17.0	17.0	16.9	
89	16.0	16.5	16.2	16.2	
90	17.5	17.5	17.5	17.5	Nebula?

82-87 but-
also
90

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1932phae.proj.2349M

No.	Mag. 1	Mag. 2	Mean		Remarks
I1482 = 91	16.5	16.0	16.2	16.1	
92	16.5	17.0	16.7	16.6	
93	16.5	16.5	16.5	16.4	
94	17.0	16.5	16.7	16.7	
95	16.5	16.5	16.5	16.4	
96	17.0	16.5	16.7	16.6	
97	17.0	16.5	16.7	16.7	
98	17.5	17.0	17.2	17.2	
99	16.5	16.5	16.5	16.4	Star in contact.
100	16.5	17.0	16.7	16.6	
101	16.5	17.0	16.7	16.7	
102	15.5	16.0	15.7	15.6	
103	16.5	17.0	16.7	16.6	
104	14.5	15.0	14.7	14.7	Small surface brightness
105	17.5	17.0	17.2	17.2	Nebula?
106	17.0	16.5	16.7	16.7	
107	17.0	16.5	16.7	16.6	
108	16.5	16.5	16.5	16.4	
109	18.0	17.5	17.7	17.7	Nebula?
110	17.0	16.5	16.7	16.6	
111	16.0	16.0	16.0	15.9	Nebula?
112	17.0	16.5	16.7	16.7	
113	16.5	16.5	16.5	16.4	
114	17.5	17.0	17.2	17.3	
N 7629 = 115	16.0	16.0	16.0	15.9	
116	17.0	17.0	17.0	17.0	Nebula?
117	17.5	17.0	17.2	17.2	
118	16.5	16.5	16.5	16.4	
119	18.0	17.5	17.7	17.8	
120	15.5	16.0	15.7	15.7	

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1932phae.proj.234M

A 15781

No.	Mag. 1	Mag. 2	Mean		Remarks
121	16.0	16.0	16.0	15.9	
122	17.0	17.0	17.0	16.9	
123	17.0	17.0	17.0	17.0	
124	15.5	16.0	15.7	15.6	
125	17.5	17.0	17.2	17.3	
126	16.0	16.0	16.0	15.9	
127	17.0	17.0	17.0	16.9	
128	17.0	17.0	17.0	17.0	
129	17.5	17.5	17.5	17.5	
130	17.5	17.5	17.5	17.5	
131	17.5	17.5	17.5	17.5	Nebula?
132	17.5	17.5	17.5	17.5	
133	17.5	18.0	17.7	17.8	Nebula?
134	16.0	15.5	15.7	15.6	
N.7142 = 135	15.0	15.0	15.0	15.0	
136	16.0	16.5	16.2	16.1	
137	17.0	17.0	17.0	17.0	
138	16.5	16.5	16.5	16.4	
139	16.5	17.0	16.7	16.6	
140	17.0	17.5	17.2	17.2	
141	15.0	15.5	15.2	15.1	
142	16.5	17.0	16.7	16.7	
143	17.0	17.0	17.0	16.9	Nebula?
144	17.0	17.0	17.0	17.0	
145	17.0	17.0	17.0	16.9	
146	17.5	17.0	17.2	17.3	
147	17.5	17.0	17.2	17.2	
148	17.5	17.5	17.5	17.5	Nebula?
149	15.5	16.0	15.7	15.7	
150	16.0	16.5	16.2	16.2	

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1932phae.proj.2349M

18 A 15781

No.	Mag. 1	Mag. 2	Mean		Remarks
151	17.0	16.5	16.7	16.6	
152	17.0	17.0	17.0	17.0	
153	17.5	17.0	17.2	17.3	
154	17.5	17.5	17.5	17.5	
155	18.0	17.5	17.7	17.8	Nebula?
156	17.0	17.5	17.2	17.3	
157	18.0	17.5	17.7	17.8	
158	17.0	17.5	17.2	17.2	
159	17.0	17.0	17.0	16.9	
160	17.5	17.5	17.5	17.5	
161	16.5	17.0	16.7	16.8	
162	17.0	17.0	17.0	17.0	
163	17.5	17.5	17.5	17.5	
164	16.5	16.5	16.5	16.4	
165	16.5	17.0	16.7	16.7	Nebula?
166	17.5	17.0	17.2	17.1	
167	17.0	17.0	17.0	16.9	
168	17.0	17.5	17.2	17.2	
169	18.0	18.0	18.0	18.0	
170	17.0	17.0	17.0	17.0	
171	17.0	17.0	17.0	16.9	
172	16.0	16.0	16.0	15.9	
173	17.0	17.0	17.0	17.0	
174	17.0	17.5	17.2	17.2	
175	16.5	17.0	16.7	16.7	
176	17.0	17.5	17.2	17.2	
177	17.5	17.5	17.5	17.5	
178	16.5	17.0	16.7	16.7	Nebula?
179	17.5	17.5	17.5	17.5	
180	16.0	16.5	16.2	16.2	

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1932phae.proj.2349M

A1S781

No.	Mag. 1	Mag. 2	Mean		Remarks
181	17.0	17.0	17.0	16.9	
182	16.5	16.5	16.5	16.4	
183	16.5	16.5	16.5	16.4	
184	16.5	16.5	16.5	16.4	
185	16.5	16.5	16.5	16.4	
186	17.0	17.0	17.0	17.0	
187	15.0	15.5	15.2	15.1	
188	16.5	16.5	16.5	16.4	
189	17.5	17.0	17.2	16.2	
190	17.5	17.5	17.5	17.5	
191	17.5	17.5	17.5	17.5	Nebula?
192	17.5	17.5	17.5	17.5	
193	16.5	16.5	16.5	16.4	
194	16.5	16.5	16.5	16.4	Nebula?
195	17.5	17.5	17.5	17.5	
196	17.0	17.0	17.0	16.9	
197	15.5	16.0	15.7	15.7	
198	16.0	16.5	16.2	16.2	
199	16.5	16.5	16.5	16.4	
200	17.0	17.5	17.2	17.3	
201	17.5	17.5	17.5	17.5	
202	16.0	15.5	15.7	15.6	
205	16.5	16.5	16.5	16.4	Nebula?
204	16.5	16.5	16.5	16.4	
205	17.0	17.0	17.0	16.9	
206	16.5	17.0	16.7	16.6	
207	16.5	17.0	16.7	16.7	
208	17.0	17.0	17.0	17.0	
209	17.0	17.0	17.0	16.9	
210	17.0	17.0	17.0	17.0	

192. HN 0003 -25?.0

204 HN 0003 -259.8 outside 9 sq

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1932phae.proj.2349M

No.	Mag. 1	Mag. 2	Mean.		Remarks
211	15.5	15.5	15.5	15.4	
212	16.5	16.5	16.5	16.4	
213	16.5	17.0	16.7	16.7	
214	16.5	16.5	16.5	16.4	
215	17.0	17.0	17.0	17.0	
216	17.5	17.5	17.5	17.4	
217	17.5	17.5	17.5	17.4	Nebula ?
218	17.0	17.0	17.0	16.9	Nebula?
219	18.0	18.0	18.0	18.0	
220	16.5	17.0	16.7	~~16.8~~ 16.6	
221	16.0	16.5	16.2	~~16.3~~ 16.1	
222	17.0	17.0	17.0	17.0	
223	17.0	16.5	16.7	16.6	
224	16.0	16.0	16.0	15.9	
225	17.0	17.0	17.0	17.0	
226	15.5	15.5	15.5	15.4	
227	15.5	15.5	15.5	15.4	
228	16.5	17.0	16.7	16.7	
229	16.5	17.0	16.7	16.6	
230	17.0	17.5	17.2	17.3	
231	17.5	17.5	17.5	17.2	
232	17.0	17.0	17.0	16.9	
233	17.0	17.0	17.0	17.0	
234	17.0	17.0	17.0	16.9	
235	17.0	17.5	17.2	17.2	Nebula?
236	17.0	17.5	17.2	17.3	
237	17.0	17.0	17.0	17.0	
238	17.0	17.0	17.0	16.9	Nebula?
239	16.5	17.0	16.7	16.6	
240	16.5	16.5	16.5	16.4	

223-231 outside 9 59.0

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1932phae.proj.2341M

A 15781

No.	Mag. 1	Mag. 2	Mean		Remarks.
241	16.0	16.0	16.0	15.9	
242	17.0	17.0	17.0	16.9	
243	17.0	17.0	17.0	17.0	
244	17.0	17.0	17.0	16.9	
245	17.0	17.0	17.0	17.0	Nebula?
246	17.0	17.5	17.2	17.3	
247	17.5	18.0	17.7	17.8	Nebula?
248	16.5	17.0	16.7	16.7	
249	17.0	17.5	17.2	17.2	
250	17.0	17.5	17.2	17.3	Nebula?
251	16.5	17.0	16.7	16.6	
252	17.5	17.5	17.5	17.5	Nebula?
253	17.0	17.0	17.0	16.9	
254	16.5	16.5	16.5	16.4	
255	16.5	16.5	16.5	16.4	
256	17.0	17.0	17.0	16.9	
257	16.0	15.5	15.7	15.6	
258	17.0	16.5	16.7	16.7	Nebula?
259	16.5	16.5	16.5	16.4	Nebula?
260	16.0	16.0	16.0	15.9	
261	16.5	16.5	16.5	16.4	
262	16.5	16.5	16.5	16.4	
263	16.0	16.5	16.2	16.2	
264	16.5	17.0	16.7	16.7	
265	16.0	16.0	16.0	15.9	
266	16.5	16.5	16.5	16.4	
267	17.0	17.5	17.2	17.2	
268	17.0	17.5	17.2	17.3	
269	16.5	17.0	16.7	16.6	Nebula?
270	17.0	17.5	17.2	17.3	Nebula?

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1932phae.proj.2349M

22 A15781

No.	Mag. 1	Mag. 2	Mean		Remarks
271	17.0	17.0	17.0	17.0	Nebula?
272	16.5	17.0	16.7	16.7	Nebula?
273	17.0	17.0	17.0	17.0	
274	17.5	17.5	17.5	17.5	Nebula?
275	18.0	18.0	18.0	18.0	
276	17.0	17.0	17.0	16.9	Nebula?
277	17.0	17.5	17.2	17.2	
278	17.0	17.0	17.0	16.9	Nebula?
279	17.0	17.5	17.2	17.2	Nebula?
280	17.5	18.0	17.7	17.8	Nebula?
281	16.5	17.0	16.7	16.7	Nebula?
282	17.0	17.5	17.2	17.2	
283	16.5	16.5	16.5	16.4	
284	15.5	15.5	15.5	15.4	
285	15.5	15.5	15.5	15.4	
286	15.5	15.5	15.5	15.4	
287	17.5	17.0	17.2	17.3	
288	15.5	16.0	15.7	15.6	Nebula?
289	17.0	17.0	17.0	16.9	
290	17.0	17.0	17.0	17.0	Scratched.
291	18.0	18.0	18.0	18.0	
292	16.5	16.5	16.5	16.4	
293	16.5	16.5	16.5	16.4	
294	17.0	17.0	17.0	16.9	
295	16.5	17.0	16.7	16.6	
296	16.5	16.5	16.5	16.4	
297	17.5	17.0	17.2	17.3	Nebula?
298	16.5	16.5	16.5	16.4	Nebula? Small surface brightness
N7684 299	14.5	14.5	14.5	14.5	
300	16.0	16.0	16.0	15.9	

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1992phae.proj.293M

A15781

No.	Mag. 1	Mag. 2	Mean		Remarks.
301	16.0	16.5	16.2		
302	17.0	17.0	17.0	16.9	Nebula?
303	16.5	16.5	16.5	16.4	
304	16.0	16.0	16.0	15.9	
305	16.5	16.0	16.2	16.1	
306	16.0	16.0	16.0	15.9	Nebula?
307	15.5	16.0	15.7	15.6	
308	16.0	16.5	16.2	16.1	Nebula?
309	15.5	15.5	15.5	15.4	
310	16.0	16.0	16.0	15.9	
311	15.0	15.0	15.0	15.0	
312	15.5	15.5	15.5	15.4	Nebula?
313	17.5	17.0	17.2	17.2	Nebula?
314	+0 17.0	16.5	16.7	16.7	Nebula?
315	17.0	17.0	17.0	17.0	
316	17.0	17.0	17.0	16.9	
317	16.5	16.5	16.5	16.4	
318	15.5	15.5	15.5	15.4	Nebula?
319	17.0	16.5	16.7	16.6	Nebula?
320	16.5	16.5	16.5	16.4	Nebula?
321	16.5	16.5	16.5	16.4	Nebula?
322	16.0	16.0	16.0	15.9	
323	16.5	16.0	16.2	16.1	
324	16.0	16.0	16.0	15.9	
325	15.5	15.5	15.5	15.4	Nebula?
326	17.0	16.5	16.7	16.6	Nebula?
327	17.0	16.5	16.7	16.7	
328	16.5	16.5	16.5	16.4	
329	17.0	17.5	17.2	17.2	Nebula?
330	16.5	16.5	16.5	16.4	Nebula?

from 366 out-suite 90°

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1932phae.proj.2349M

A 15781

No.	Mag. 1	Mag. 2	Mean.		Remarks
331	17.0	16.5	16.7	16.7	Nebula?
332	16.5	16.5	16.5	16.4	Nebula?
333	16.0	16.0	16.0	15.9	
334	16.0	16.0	16.0	16.9	
335	17.0	17.0	17.0	17.0	
336	17.0	17.0	17.0	16.9	Nebula?
337	16.0	16.0	16.0	15.9	
338	16.5	16.0	16.2	16.2	
339	15.5	15.5	15.5	15.4	
340	16.5	16.5	16.5	16.1	
341	15.5	16.0	15.7	15.6	
342	16.5	16.5	16.5	16.4	Nebula?
343	16.5	16.5	16.5	16.4	
344	17.0	17.0	17.0	16.9	Nebula?
345	17.0	16.5	16.7	16.6	Nebula?
346	17.5	17.0	17.2	17.3	Nebula?
347	17.0	16.5	16.7	16.6	
348	16.5	16.5	16.5	16.4	Nebula?
349	17.0	16.5	16.7	16.7	
350	16.5	16.5	16.5	16.4	Nebula?
351	17.0	17.0	17.0	17.0	Nebula?
352	17.0	17.0	17.0	16.9	Nebula?
353	16.0	16.0	16.0	15.9	
354	16.0	16.5	16.2	16.2	
355	16.5	16.5	16.5	16.4	Nebula?
356	16.5	16.5	16.5	16.4	Nebula?
~~356a~~ 357	~~15.5~~ 17.5	17.0	17.2	17.3	
358	15.5	15.5	15.5	15.4	
359	15.5	15.5	15.5	15.4	
360	16.0	16.0	16.0	15.9	Nebula?

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1932phae.proj.2349M

A 15781

No.	Mag. 1	Mag. 2	Mean		Remarks
361	15.5	15.5	15.5	15.4	
362	16.5	16.5	16.5	16.4	
N. 7715 = 363	15.5	15.5	15.5	15.4	Nebula?
364	16.5	16.5	16.5	16.4	
365	16.0	16.0	16.0	15.9	
366	17.0	16.5	16.7	16.7	
N. 7506	14.5	14.5	14.5	14.5	
N. 7521	15.0	15.0	15.0	15.0	
~~N. 7533~~ N. 7517	15.5	15.5	15.5	15.4	~~Nebula? Identity uncertain.~~
N. 7524	15.5	16.0	15.7	15.6	
~~N. 7556~~ N. 7544	14.5	14.5	14.5	14.6	
N. 7589	16.0	16.0	16.0	15.9	Planetary?
N. 7603	14.5	14.5	14.5	14.5	
N. 7662	17.0	17.0	17.0		Identification uncertain
N. 7683	15.0	15.0	15.0	15.0	
N. 7554	16.0	16.0	16.0		
N 7716			AA. 13.0		
N 7544	16.0	16.5	16.2	16.1	
N 7517	15.5	15.5	15.5		Identification uncertain
N 7546	15.5	16.0	15.7	15.6	
~~I 1481~~	15.5	15.0	15.2	15.1	
I = New neb. 91					
I 1482	16.5	16.0	16.2	16.2	
N 7566	15.5	15.5	15.5	15.4	
N 7684	14.5	14.5	14.5	14.5	
N. 7714	14.5 (14.6)	14.5	14.5		
N 7715	15.5	15.5	15.5	15.4	
7620					

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1932phae.proj.2341M

15802

Nos. 1-88 outside 9□°

No.	Mag. 1	Mag. 2	Mean	Remarks
1	16.5	16.0	16.2	
2	17.0	16.5	16.7	
3	16.5	16.5	16.5	Nebula?
4	16.5	16.0	16.2	
5	16.5	16.5	16.5	
6	16.5	16.5	16.5	Nebula?
7	18.0	17.5	17.7	Nebula?
8	17.0	17.0	17.0	
9	17.5	17.0	17.2	
10	17.5	17.0	17.2	
11	~~17.5~~ 17.0	16.5	16.7	
12	16.5	16.0	16.2	
13	17.0	16.5	16.7	
14	16.5	16.5	16.5	
15	17.0	16.5	16.7	
16	17.5	17.0	17.2	Nebula?
17	17.5	17.0	17.2	
18	17.0	16.5	16.7	Nebula?
19	17.5	17.0	17.2	Nebula?
20	17.5	17.0	17.2	Nebula?
21	17.0	16.5	16.7	
22	17.0	16.5	16.7	
23	18.0	17.5	17.7	
24	17.0	16.5	16.7	
25	15.0	15.0	15.0	
26	17.0	17.0	17.0	
27	18.0	17.5	17.7	
28	17.5	17.0	17.2	
29	17.5	17.0	17.2	
30	18.0	18.0	18.0	

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1932phae..proj..22M

15.802

No.	Mag. 1	Mag. 2	Mean	Remarks
31	16.5	16.5	16.5	
32	17.0	17.0	17.0	
33	16.5	16.5	16.5	
34	17.5	17.0	17.2	
35	17.0	17.0	17.0	
36	17.0	17.0	17.0	Nebula?
37	17.5	17.0	17.2	
38	17.0	17.0	17.0	
39	16.5	16.5	16.5	
40	17.5	17.5	17.5	
41	17.5	17.5	17.5	
42	17.5	17.5	17.5	In contact
43	17.0	17.0	17.0	
44	16.5	16.5	16.5	
45	16.5	16.5	16.5	Nebula?
46	17.0	17.0	17.0	
47	17.0	17.0	17.0	
48	16.5	17.0	16.7	
49	16.5	16.5	16.5	
50	16.5	17.0	16.7	
51	17.0	17.5	17.2	
52	16.0	16.0	16.0	
53	17.0	17.0	17.0	
54	16.5	17.0	16.7	
55	16.5	17.0	16.7	
56	17.0	17.0	17.0	
57	16.5	16.5	16.5	
58	17.5	17.5	17.5	
59	17.5	18.0	17.7	
60	18.0	18.0	18.0	

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1932phae.proj.2349M

15802

No.	Mag. 1	Mag. 2	Mean	Remarks
61	61 18.0	18.0	18.0	
62	62 16.5	16.5	16.5	
63	16.5	16.5	16.5	
64	15.5	15.5	15.5	
65	18.0	17.5	17.7	Nebula? Star attached.
66	16.5	16.5	16.5	Nebula?
67	17.0	17.5	17.2	
68	17.5	18.0	17.7	
69	17.0	17.5	17.2	
70	17.5	17.5	17.5	
71	17.5	18.0	17.7	
72	18.0	18.0	18.0	Nebula?
73	17.5	17.5	17.5	
74	17.0	17.5	17.2	
75	17.0	17.5	17.2	
76	17.0	17.5	17.2	
77	17.0	17.5	17.2	
78	16.5	17.0	16.7	
79	15.5	16.0	15.7	
80	16.5	16.5	16.5	
81	16.5	16.5	16.5	
82	17.0	17.0	17.0	
83	16.0	16.5	16.2	
84	17.5	17.5	17.5	
85	18.0	17.5	17.7	
86	16.5	16.5	16.5	
87	18.0	17.5	17.7	
88	18.0	17.5	17.7	
89	17.5	17.5	17.5	
90	17.0	17.5	17.2	

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http://adsabs.harvard.edu/abs/1962PhDT.....22W

15802

no.	Mag. 1	Mag. 2	mean	Remarks
91	17.5	18.0	17.7	
92	17.0	17.5	17.2	
93	17.0	17.0	17.0	
94	18.0	18.0	18.0	Nebula?
95	17.0	17.5	17.2	
96	17.0	17.5	17.2	
97	17.0	17.5	17.2	
98	17.0	17.5	17.2	
99	17.0	17.0	17.0	
100	17.5	17.5	17.5	
101	17.0	17.0	17.0	
102	17.5	17.5	17.5	
103	17.5	17.0	17.2	
104	16.5	16.5	16.5	
105	18.0	17.5	17.7	Nebula?
106	16.5	16.5	16.5	
107	17.0	17.0	17.0	
108	17.0	17.5	17.2	Nebula?
109	17.0	17.0	17.0	
110	17.5	18.0	17.7	
111	16.0	16.0	16.0	
112	16.5	16.5	16.5	
113	17.0	17.0	17.0	
114	17.5	17.5	17.5	
115	17.5	17.5	17.5	
116	16.5	16.5	16.5	
117	17.0	17.0	17.0	
118	18.0	18.0	18.0	
119	17.5	17.0	17.2	
120	17.0	17.0	17.0	

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1932phae.proj.234PM

 15802

No.	Mag. 1	Mag. 2	Mean	Remarks
121	17.0	17.0	17.0	Nebula?
122	16.5	17.0	16.7	
123	17.0	17.0	17.0	
124	16.0	16.5	16.2	
125	18.0:	17.5:	17.7:	Star attached
126	17.5 (18.0)	17.5	17.5	
127	16.5	16.5	16.5	
128	16.5	16.5	16.5	Nebula?
129	17.0	17.5	17.2	
130	17.5	18.0	17.7	Nebula?
131	17.0 (16.5)	17.0	17.0	
132	18.0	18.0	18.0	
133	16.5	17.0	16.7	
134	17.5	17.5	17.5	
135	17.0	17.0	17.0	
136	17.0	16.5	16.7	
137	17.0	16.5	16.7	
138	17.5	17.5	17.5	
139	16.5	16.5	16.5	
140	17.5	17.0	17.2	
141	17.0	17.0	17.0	
142	17.5	17.5	17.5	
143	18.0	18.0	18.0	
144	17.5	17.5	17.5	
145	17.0	17.0	17.0	
146	17.0	17.0	17.0	
147	17.5	17.5	17.5	
148	16.5	16.5	16.5	
149	16.5	17.0	16.7	Nebula?
150	16.5	16.5	16.5	

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1932phae.proj.234M

15802

No.	Mag. 1	Mag. 2	Mean	Remarks
151	16.5	17.0	16.7	
152	16.5	17.0	16.7	
153	17.5	18.0	17.7	
154	17.5	17.5	17.5	
155	17.5	17.0	17.2	
156	16.5	16.5	16.5	
157	17.0	17.0	17.0	Nebula?
158	17.0	17.0	17.0	
159	17.0	17.0	17.0	
160	17.0	17.0	17.0	
161	17.0	16.5	16.7	
162	16.5	17.0	16.7	
163	17.0	17.5	17.2	
164	16.5	16.5	16.5	
165	16.0	16.0	16.0	
166	17.0	17.0	17.0	
167	17.0	17.0	17.0	
168	~~16~~ 17.0	17.0	17.0	
169	17.5	17.0	17.2	
170	17.5	17.5	17.5	
171	17.0	16.5	16.7	
172	17.0	17.0	17.0	Nebula?
173	16.0	16.0	16.0	
174	17.0	17.0	17.0	
175	16.5	16.5	16.5	
176	16.5	16.5	16.5	
177	16.5	17.0	16.7	
178	17.0	17.0	17.0	Nebula?
179	17.5	17.5	17.5	
180	17.5	17.0	17.2	

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1932phae.proj.2341M

 15802

No.	Mag. 1	Mag. 2	Mean	Remarks
181	17.0	17.0	17.0	
182	17.5	18.0	17.7	
183	17.5	17.5	17.5	
184	18.0	18.5	18.2	
185	17.5	18.0	17.7	
186	18.0	18.0	18.0	
187	17.0	17.0	17.0	
188	18.5	18.0	18.2	
189	18.0	17.5	17.7	
190	18.0	17.5	17.7	
191	18.0	17.5	17.7	
192	18.0	18.0	18.0	
193	16.0	16.0	16.0	
194	16.0	16.0	16.0	
195	17.5	17.0	17.2	
196	17.0	16.5	16.7	
197	17.0	~~16.5~~ 17.0	17.0	
198	16.5	16.5	16.5	
199	~~16.5~~ 17.0	17.0	17.0	
200	17.0	17.0	17.0	
201	17.0	17.0	17.0	
202	17.0	16.5	16.7	
203	16.5	16.5	16.5	
204	16.5	16.5	16.5	
205	17.0	17.0	17.0	
206	16.5	16.5	16.5	
207	17.0	16.5	16.7	
208	17.5	17.5	17.5	
209	17.5	17.5	17.5	
210	16.5	16.5	16.5	

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1932phae.proj.294IM

15802

No.	Mag. 1	Mag. 2	Mean	Remarks
211	18.0	18.0	18.0	
212	17.0	17.0	17.0	
213	17.0	17.5	17.2	
214	17.0	17.0	17.0	
215	17.0	17.0	17.0	Nebula?
216	17.0	17.0	17.0	
217	16.5	17.0	16.7	
218	16.5	16.5	16.5	Nebula?
219	16.5	17.0	16.7	Nebula?
220	17.0	17.0	17.0	
221	17.0	17.0	17.0	Nebula?
222	17.0	17.0	17.0	
223	17.5	17.5	17.5	
224	17.0	17.0	17.0	
225	17.0	17.0	17.0	
226	17.5	17.5	17.5	
IC 5385 & 227	16.5	16.5	16.5	
228	17.5	17.0	17.2	
Faint? ~~229~~	17.0	16.5	16.7	
230	18.0	17.5	17.7	
231	17.5	17.0	17.2	
232	16.5	16.5	16.5	
233	17.0	16.5	16.7	
234	16.5	16.0	16.2	
235	16.5	16.5	16.5	
236	17.0	17.0	17.0	
237	17.5	17.5	17.5	
238	17.0	17.5	17.2	
239	17.5	17.5	17.5	Nebula?
240	17.5	18.0	17.7	Nebula?

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1932phae.proj.234M

 15802

no.	mag. 1	mag. 2	mean	Remarks
241	17.5	17.5	17.5	
242	18.5	18.0	18.2	Nebula?
243	17.0	16.5	16.7	
244	17.0	17.0	17.0	
245	17.0	17.0	17.0	
246	17.5	18.0	17.7	Nebula?
247	17.5	17.5	17.5	
248	17.0	17.5	17.2	
249	17.0	17.5	17.2	Nebula?
250	17.0	17.0	17.0	
251	17.5	17.5	17.5	
252	18.0	18.0	18.0	Nebula?
253	16.5	17.0	16.7	
254	18.0	18.0	18.0	
255	17.0	17.0	17.0	
256	17.0	17.0	17.0	
257	17.0	17.5	17.2	
258	18.5	18.0	18.2	
259	18.5	18.0	18.2	
260	18.0	18.0	18.0	
HN 2359 −20 4.2 261	15.0	15.0	15.0	
HN 2359 −02 07.9 262	15.5	15.0	15.2	
263	~~15.5~~ 17.0	17.0	17.0	
264	17.0	17.0	17.0	
265	16.0	16.5	16.2	
266	16.0	16.5	16.2	
267	16.5	16.5	16.5	
268	17.0	16.5	16.7	
HN 2359 −02 32 ~~269~~	17.0	16.5	16.7	Nebula?
270	17.5	17.5	17.5	

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1932phae.proj.2349M

15802

no.	mag. 1	mag. 2	mean	Remarks
271	17.0	17.5	17.2	Nebula?
272	16.5	16.5	16.5	Nebula?
273	17.0	17.0	17.0	
274	18.0	18.0	18.0	
275	16.0	16.0	16.0	
276	17.5	18.0	17.7	Nebula?
277	17.0	17.0	17.0	
278	17.0	17.0	17.0	
279	14.5	14.0	14.2	
280	17.0	17.5	17.2	Nebula?
281	18.0	18.5	18.2	Nebula?
282	16.5	17.0	16.7	
283	16.5	17.0	16.7	
284	17.0	17.0	17.0	
285	17.0	17.0	17.0	
286	17.5	18.0	17.7	Nebula?
287	18.0	18.0	18.0	Nebula?
288	18.0	18.0	18.0	
289	16.5	17.0	16.7	
290	17.0	17.5	17.2	
291	16.5	17.0	16.7	
292	17.0	17.0	17.0	
293	16.5	16.5	16.5	
294	17.5	18.0	17.7	
295	17.0	17.0	17.0	Nebula?
296	17.0	17.0	17.0	
297	17.5	17.5	17.5	Nebula?
298	17.5	17.5	17.5	
299	17.0	17.0	17.0	
300	17.0	17.5	17.2	

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1932phae.proj.234M

 16802

No.	Mag. 1	Mag. 2	Mean	Remarks
301	17.5	18.0	17.7 ✓	
302	18.0	18.0	18.0 ✓	
303	17.0	17.5	17.2 ✓	
304	17.0	17.5	17.2 ✓	
305	17.0	17.0	17.0 ✓	
306	16.5	17.0	16.7 ✓	
307	17.0	17.5	17.2 ✓	
308	17.5	18.0	17.7 ✓	
309	17.0	17.0	17.0 ✓	
310	17.0	17.0	17.0 ✓	
311	17.0	17.0	17.0 ✓	Velmla?
312	17.0	17.0	17.0 ✓	
313	17.5	17.5	17.5 ✓	
314	17.5	18.0	17.7 ✓	
315	18.0	18.0	18.0 ✓	Velmla?
316	17.5	17.5	17.5 ✓	
317	17.0	17.0	17.0 ✓	
318	17.0	17.0	17.0 ✓	
319	17.5	18.0	17.7 ✓	
320	17.0	17.5	17.2 ✓	
321	17.0	17.5	17.2 ✓	
322	17.5	17.5	17.5 ✓	
323	17.0	17.5	17.2 ✓	
324	17.5	17.5	17.5 ✓	
325	16.5	16.5	16.5 ✓	
326	17.0	17.5	17.2 ✓	
327	18.0	18.0	18.0 ✓	Velmla?
328	17.5	17.0	17.2 ✓	
329	17.5	17.0	17.2 ✓	
330	17.5	17.0	17.2 ✓	

323-334 outside 90°

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1932phae.proj.2349M

15802

No.	Mag. 1	Mag. 2	Mean	Remarks
331	17.0	16.5	16.7	~~Nebula?~~
332	17.5	17.5	17.5	Nebula?
333	17.0	17.0	17.0	
334	17.0	17.0	17.0	
335	17.5	17.5	17.5	Nebula?
336	17.0	17.0	17.0	
337	17.5	17.0	17.2	
338	18.0	18.5	18.2	
339	18.0	18.5	18.2	Nebula?
340	18.0	17.5	17.7	
341	17.0	17.5	17.2	
342	17.5	17.5	17.5	
343	18.0	17.5	17.7	
343a	17.5	17.5	17.5	
344	16.5	17.0	16.7	
345	17.0	17.5	17.2	
346	18.0	18.0	18.0	
347	17.5	17.5	17.5	Nebula?
348	18.0	17.5	17.7	
349	17.5	17.5	17.5	Nebula?
350	17.5	17.5	17.5	
351	18.5	18.5	18.5	
352	~~16.5~~ 17.0	17.0	17.0	
353	17.5	17.5	17.5	
354	17.5	17.5	17.5	
355	17.0	17.5	17.2	
356	17.0	17.5	17.2	
357	17.5	18.0	17.7	
358	17.0	17.5	17.2	
359	16.5	17.0	16.7	
360	17.5	17.5	17.5	

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15802

No.	Mag. 1	Mag. 2	Mean	Remarks
361	18.0	18.0	18.0	
362	17.5	17.5	17.5	
363	17.0	17.0	17.0	
364	17.0	17.0	17.0	
365	16.5	16.5	16.5	
366	17.0	17.0	17.0	
367	17.0	17.0	17.0	
368	17.5	17.0	17.2	
369	17.5	17.5	17.5	
370	17.0	17.5	17.2	
371	16.5	17.0	16.7	
372	17.0	17.0	17.0	
373	17.5	17.5	17.5	Nebula?
374	17.0	17.0	17.0	
375	17.5	17.0	17.2	Nebula?
376	17.5	17.5	17.5	
377	17.5	17.0	17.2	
378	17.5	17.0	17.2	
379	17.5	17.0	17.2	
380	16.5	16.5	16.5	
381	18.5	18.0	18.2	Nebula?
382	17.0	17.5	17.2	
383	18.5	18.0	18.2	Nebula?
384	18.0	17.5	17.7	
385	17.0	17.0	17.0	
386	17.5	17.0	17.2	
387	17.5	18.0	17.7	
388	18.0	17.5	17.7	
389	18.0	18.5	18.2	
390	17.0	17.0	17.0	

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1932phae.proj.2341M

15802

No.	Mag. 1	Mag. 2	mean	Remarks
391	17.0	17.0	17.0	
392	16.5	17.0	16.7	
393	17.0	17.0	17.0	
394	17.0	17.0	17.0	Nebula?
395	17.0	17.0	17.0	
396	17.5	17.5	17.5	Nebula?
397	17.0	17.0	17.0	
398	17.0	17.0	17.0	
399	18.0	17.5	17.7	
400	16.5	16.5	16.5	
401	17.0	17.0	17.0	
402	17.5	18.0	17.7	
403	17.0	16.5	16.7	Nebula?
404	16.5	16.0	16.2	
405	16.0	15.5	15.7	
406	16.5	16.5	16.5	
407	~~17.5~~ 18.5	17.0	17.7	
408	16.5	16.5	16.5	
409	17.0	17.0	17.0	
410	16.5	16.5	16.5	
411	17.5	17.0	17.2	
412	17.5	17.5	17.5	
413	~~17.0~~ 18.0	17.0	17.0	
414	17.5	17.0	17.2	
415	18.0	17.5	17.7	
416	17.5	17.5	17.5	Nebula?
417	18.0	18.0	18.0	
418	18.0	17.5	17.7	
419	17.5	17.5	17.5	
420	17.5	17.5	17.5	

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1932phae.proj.2341M

1580+

No.	Mag. 1	Mag. 2	Mean	Remarks
421	17.0	17.0	17.0	
422	17.5	18.0	17.7	
423	17.0	17.5	17.2	Peculiar.
424	17.0	17.5	17.2	
425	17.0	17.5	17.2	
426	~~16.5~~ 18.0	18.0	18.0	
427	16.5	17.0	16.7	
428	16.0	16.0	16.0	N 23 55 -02 19.8
429	17.0	17.0	17.0	
430	16.5	16.5	16.5	
431	17.0	17.5	17.2	
432	17.0	17.0	17.0	
433	16.5	16.5	16.5	
434	16.5	16.5	16.5	
435	17.5	17.0	17.2	
436	17.0	17.0	17.0	
437	18.0	18.0	18.0	Nebula?
438	16.5	17.0	16.7	
439	18.0	18.0	18.0	Nebula?
440	17.0	17.0	17.0	
441	16.5	16.5	16.5	
442	17.0	17.0	17.0	
443	17.5	17.0	17.2	
444	18.5	18.0	18.2	
445	17.0	17.0	17.0	Nebula?
446	17.5	17.5	17.5	
447	16.5	16.5	16.5	
448	17.5	17.5	17.5	Nebula?
449	17.0	17.0	17.0	
450	16.0	15.5	15.7	

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1932phae.proj.2341M

15802

No.	Mag. 1	Mag. 2	Mean	Remarks
451	17.5	17.0	17.2	
452	17.0	16.5	16.7	
453	17.0	17.0	17.0	Nebula?
454	16.5	17.0	16.7	
455	17.0	17.0	17.0	
456	16.5	17.0	16.7	
457	17.0	17.5	17.2	
458	17.5	17.5	17.5	
459	16.5	17.0	16.7	
460	17.5	17.5	17.5	
461	17.0	17.0	17.0	
462	16.5	16.5	16.5	
463	17.0	17.0	17.0	Nebula?
464	16.5	16.0	16.2	
465	16.5	16.5	16.5	
466	17.0	17.5	17.2	
467	17.5	17.5	17.5	Nebula?
468	17.0	17.0	17.0	
469	17.0	17.5	17.2	Nebula?
470	17.0	17.5	17.2	Nebula?
471	17.0	17.5	17.2	
472	17.0	17.5	17.2	
473	17.0	17.5	17.2	
474	17.0	17.5	17.2	
475	17.5	18.0	17.7	
476	17.5	17.5	17.5	
477	17.5	17.5	17.5	
478	17.5	17.5	17.5	
479	17.5	18.0	17.7	
480	~~18.5~~ 17.5	17.5	17.5	Nebula?

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1932phae.proj.2349M

15802

No.	Mag. 1	Mag. 2	Mean	Remarks
481	17.0	17.0	17.0	
NN 2354 -208.2 ~~482~~	17.0	17.5	17.2	
483	17.5	17.5	17.5	Nebula?
484	17.5	17.5	17.5	
HN ~~2353-0240.5~~ ~~485~~	16.0	16.0	16.0	
486	17.5	17.5	17.5	
487	18.0	18.0	18.0	
488	17.5	17.0	17.2	
489	17.5	17.5	17.5	Nebula?
490. 490	17.0	17.5	17.2	
515 491	17.0	17.0	17.0	
outside 492	17.0	17.0	17.0	
9 □° N93	17.0	17.5	17.2	
494	18.0	18.5	18.2	
495	17.0	17.5	17.2	Nebula
496	17.5	18.0	17.7	Nebula?
497	17.0	17.5	17.2	
498	16.5	16.5	16.5	
HN 2353-024 ~~499~~	17.0	17.0	17.0	Nebula?
500	16.5	17.0	16.7	
501	16.5	16.5	16.5	
502	16.5	16.5	16.5	
HN 2352-0212.9 ~~503~~	16.5	16.5	16.5	
2352-02 13.5 504	17.5	17.0	17.2	
505	17.0	17.0	17.0	Nebula?
506	17.5	17.0	17.2	
507	17.0	17.5	17.2	
508	17.0	17.5	17.2	
509	16.5	16.5	16.5	
510	17.5	17.5	17.5	Nebula?

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1932phae.proj.234M

15802

No.	Mag. 1	Mag. 2	Mean	Remarks
511	17.5	17.5	17.5	
512	17.0	17.5	17.2	
513	16.5	17.0	16.7	
514	17.5	17.5	17.5	
515	17.0	17.0	17.0	
516	17.5	17.5	17.5	
517	17.0	17.5	17.2	
518	17.5	17.5	17.5	
519	17.5	17.5	17.5	
520	18.0	18.0	18.0	
521	16.5	16.5	16.5	
522	17.5	18.0	17.7	Nebula?
523	17.5	17.5	17.5	
524	17.0	17.0	17.0	
525	17.5	17.5	17.5	
526	17.5	17.5	17.5	
527	18.0	18.0	18.0	
528	17.5	17.5	17.5	
529	16.5	17.0	16.7	
530	16.5	16.5	16.5	
531	17.0	17.5	17.2	
532	17.0	17.5	17.2	
533	16.5	16.0	16.2	
534	17.5	17.5	17.5	
535	17.5	17.5	17.5	
536	17.0	17.5	17.2	
537	17.5	17.5	17.5	Nebula?
538	17.0	17.5	17.2	
539	17.0	17.5	17.2	
540	17.5	17.5	17.5	Nebula?

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1932phae.proj.2349M

15802

No.	Mag. 1	Mag. 2	mean	Remarks
541	17.0	17.5	17.2	
542	17.5	17.5	17.5	
543	18.0	18.0	18.0	
544	16.5	16.5	16.5	
545	17.0	17.0	17.0	
546	18.0	18.0	18.0	
547	18.0	18.0	18.0	
548	18.5	18.0	18.2	
549	18.0	17.5	17.7	
550	18.0	18.0	18.0	Nebula?
551	17.5	17.5	17.5	Nebula?
552	17.0	17.0	17.0	Nebula?
553	17.0	17.5	17.2	
554	17.0	17.0	17.0	Nebula?
555	17.5	17.5	17.5	Nebula?
556	17.5	18.0	17.7	
557	17.0	17.0	17.0	
558	17.0	17.5	17.2	
559	17.5	17.5	17.5	
560	15.5	15.0	15.2	
561	17.5	17.5	17.5	Nebula?
562	17.0	17.0	17.0	Nebula?
563	17.5	17.5	17.5	Nebula?
564	18.0	17.5	17.7	Nebula?
565	17.5	17.5	17.5	
566	17.0	17.0	17.0	
567	17.5	17.5	17.5	
568	17.5	17.0	17.2	
569	17.5	17.5	17.5	
570	17.5	17.5	17.5	

558-658

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1932phae.proj.234M

15802

No.	Mag. 1	Mag. 2	Mean	Remarks
571	17.5	17.5	17.5	
572	17.0	17.0	17.0	
573	16.5	16.0	16.2	
574	16.5	16.0	16.2	
575	16.5	16.5	16.5	Nebula?
576	17.0	17.5	17.2	Nebula?
577	17.0	17.0	17.0	
578	16.5	16.5	16.5	
579	17.0	17.0	17.0	
580	16.5	16.5	16.5	
581	17.0	17.0	17.0	Nebula?
582	17.0	17.0	17.0	
583	17.0	17.0	17.0	
584	16.5	16.5	16.5	
585	17.5	17.5	17.5	
586	17.0	17.0	17.0	
587	16.5	17.0	16.7	
588	17.0	16.5	16.7	
589	17.0	17.0	17.0	
590	17.0	16.5	16.7	
591	16.5	16.0	16.2	
592	17.0	17.0	17.0	
593	17.0	17.5	17.2	
594	17.5	17.5	17.5	
595	17.0	17.0	17.0	
HN 2350 -02027 ~~596~~	16.5	16.0	16.2	
597	17.0	16.5	16.7	
598	17.0	16.5	16.7	
599	17.0	16.5	16.7	
600	17.5	17.0	17.2	

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 15802

No.	Mag. 1	mag. 2	mean	Remarks
601	16.5	16.5	16.5	
602	16.5	16.5	16.5	
603	16.5	16.5	16.5	
604	17.0	17.0	17.0	
H.N 2350 - 0233.4 ~~605~~	16.5	16.5	16.5	
606	16.5	16.5	16.5	
607	16.5	16.5	16.5	
608	16.5	16.5	16.5	
609	17.0	16.5	16.4	
610	16.5	16.5	16.5	
611a=HN	17.0	17.5	17.2	
~~611~~ (No, there are two 611s and 612's)	16.5	16.5	16.5	
--- (HN 2351-01.29 ?)				
~~612~~ (HN 2349-0151.0)	~~17.0~~	17.0	17.0	
612a	18.5	18.5	18.5	
613	17.5	18.0	17.7	
614	~~17.5~~	17.5	17.5	
HN 2349-0136.8 ~~615~~	16.5	16.5	16.5	
616	17.0	17.0	17.0	
HN 2351-106 ~~617~~	17.0	17.0	17.0	
618	17.5	18.0	17.7	
619	17.0	17.0	17.0	
620	16.5	16.5	16.5	
621	17.0	17.0	17.0	
622	17.0	16.5	16.7	Nebula?
623	17.0	16.5	16.7	Nebula?
624	17.0	17.0	17.0	
625	17.5	17.5	17.5	
626	17.0	16.5	16.7	
HN 2348-1328 ~~627~~	~~16.5~~ 15.5	15.5	15.5	
2348-0141 628	17.0	17.0	17.0	Nebula?
629	17.0	17.0	17.0	Nebula?
HN 2349-0229.4 ~~630~~	16.0	16.0	16.0	

HN 2348

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1932phae.proj.2310M

15802

No.	mag. 1	mag. 2	mean	Remarks
631	16.5	16.5	16.5	
632	17.0	17.0	17.0	
633	17.0	17.5	17.2	
634	17.0	17.5	17.2	
635	17.5	17.5	17.5	
636	18.5:	18.0:	18.2:	Nebula? In contact with star.
637	17.0	17.0	17.0	
638	18.5	18.0	18.2	
639	18.0	17.5	17.7	Nebula?
640	17.0	17.0	17.0	
641	16.5	16.5	16.5	
642	17.5	17.5	17.5	Nebula?
643	17.5	17.5	17.5	
644	17.5	17.0	17.2	
645	18.0	18.0	18.0	
646	18.5	18.0	18.2	Nebula?
647	18.0	18.0	18.0	Nebula?
648	17.0	17.0	17.0	Nebula?
649	16.5	16.5	16.5	Nebula?
650	17.0	17.5	17.2	Nebula?
651	17.0	17.5	17.2	Nebula?
652	17.5	18.0	17.7	
653	17.5	18.0	17.7	
654	17.0	17.5	17.2	
655	17.0	17.0	17.0	
656	17.0	17.0	17.0	Nebula?
657	17.0	17.0	17.0	
658	15.0	15.0	15.0	Nebula?
~~659~~				
~~660~~				

HN 2348 01 17

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1932phae.proj.2341M

48 15802

	No.	Mag. 1	Mag. 2	mean	Remarks
✓ N	60	15.5	15.5	15.5 ✓	
✓	7787	15.0	15.0	15.0 ✓	
✓	7783	15.0	15.0	15.0 ✓	
✓ I	3	15.0	15.0	15.0 ✓	
	1522	15.5	15.5	15.5 ✓	
	✓ 1517?	16.0	15.5	15.7 ✓	
	✓ 1516	14.5	14.5	14.5 ✓	
	✓ 1515	15.0	14.5	14.7 ✓	
N.N	23 47 -256.4	18.0	18.0	18.0	
	47 -256.8	18.0	18.0	18.0	
	48 -0132.3	18.0	17.5	17.7	
	48 -01 55	18.0	18.0	18.0	
	48 -0202.5	18.0	17.5	17.7	
	49 -0303.8	17.0	17.5	17.2	
?	50 +14.6	16.5	16.5	16.5	
	50 -122.2	16.5	16.5	16.5	
?	51 -115.5	16.5	16.5	16.7	
	53 -2588	17.0	16.5	18.0	
	54 -0208.8	18.0	18.0	17.2	
	54 0303.6	17.5	17.0	16.2	
	55 -0101.6	17.0	16.5	16.7	
	55 -0138	17.0	17.5	17.2	
	55 -2545	17.0	17.0	17.0	
	55 -2565	16.5	16.5	16.5	
my	~~56 -0459~~				
	56 -0256	17.0	17.0	17.0	
	0002 -2306	17.0	17.0	17.0	

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1932phae.proj.291M

15972

no.	mag. 1	mag. 2	mean	Remarks
1-36	17.0	17.0	17.0	
outside 2	17.0	17.0	17.0	
9□° 3	16.5	16.5	16.5	
also 4	16.5	17.0	16.7	
all 5	17.0	17.0	17.0	
#3 6	16.5	17.0	16.7	
red 7	16.0	16.5	16.2	
in red 8	16.5	17.0	16.7	
9	15.5	16.0	15.7	
10	16.0	16.5	16.2	
11	17.0	17.0	17.0	
12	16.5	16.5	16.5	
13	16.0	16.0	16.0	
14	17.0	16.5	16.7	
15	17.0	17.0	17.0	
16	17.5	17.0	17.2	
17	17.0	17.0	17.0	
18	16.5	16.5	16.5	
19	17.0	17.0	17.0	
20	17.0	17.0	17.0	
21	17.0	17.0	17.0	
22	16.5	16.5	16.5	
23	16.0	16.0	16.0	
24	17.0	17.0	17.0	
25	17.0	17.0	17.0	
26	17.0	17.0	17.0	
27	16.5	16.5	16.5	
28	17.5	17.5	17.5	
29	17.5	17.5	17.5	
30	15.0	15.5	15.2	

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15972

No.	mag. 1	mag. 2	mean	Remarks
31	16.5	16.5	16.5	
32	16.5	16.5	16.5	Nebula?
33	17.0	16.5	16.7	Nebula?
34	16.5	16.5	16.5	
35	16.5	16.5	16.5	
36	17.0	16.5	16.7	
37	17.0	16.5	16.7	
38	17.0	16.5	16.7	
39	17.5	17.0	17.2	
40	17.0	16.5	16.7	
41	17.0	16.5	16.7	
42	17.0	16.5	16.7	
43	17.5	17.0	17.2	Nebula?
44	17.5	17.0	17.2	
45	17.0	16.5	16.7	
46	17.5	17.0	17.2	
47	17.0	17.0	17.0	
48	17.0	17.0	17.0	
49	17.0	17.0	17.0	
50	17.0	17.0	17.0	
51	17.5	17.0	17.2	Nebula?
52	17.0	17.0	17.0	Nebula?
53	17.5	17.0	17.2	
54	18.0	17.5	17.7	
55	17.0	17.0	17.0	
56	17.0	16.5	16.7	
57	17.0	17.0	17.0	
58	16.5	16.5	16.5	
59	16.5	16.5	16.5	
60	17.0	17.0	17.0	

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15972

No.	Mag. 1	Mag. 2	Mean	Remarks
61	17.5	17.5	17.5	
62	17.0	16.5	16.7	
63	17.0	17.0	17.0	
64	17.0	17.0	17.0	
65	17.0	17.0	17.0	
66	17.0	17.0	17.0	
67	17.0	17.0	17.0	
68	16.5	16.5	16.5	
69	17.0	17.0	17.0	
70	17.0	17.0	17.0	
71	17.0	17.0	17.0	
72	16.5	16.5	16.5	
73	17.5	17.0	17.2	
74	17.5	17.0	17.2	
75	17.5	17.0	17.2	(75)
76	16.0	15.5	15.7	(76)
77	17.0	17.0	17.0	
78	16.5	16.5	16.5	
79	16.5	17.0	16.7	
80	16.0	16.0	16.0	Nebula?
81	16.5	16.5	16.5	
82	17.0	17.0	17.0	
83	17.0	17.0	17.0	
84	17.0	17.0	17.0	
85	17.0	17.0	17.0	
86	16.5	16.5	16.5	
87	17.0	17.0	17.0	Nebula?
88	17.0	17.0	17.0	
89	16.5 ~~17.0~~	16.5	16.5	
90	16.5	16.5	16.5	

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15972

No.	mag.1	mag.2	mean	Remarks
91	~~16.5~~ 17.0	16.5	16.7	
92	17.0	16.5	16.7	
93	16.0	16.0	16.0	
94	16.65	17.0	16.7	
95	17.0	16.5	16.7	
96	17.0	16.5	16.7	
97	17.0	17.0	17.0	Nebula?
98	17.0	17.0	17.0	Nebula?
99	17.5	17.0	17.2	
100	17.5	17.5	17.5	
101	~~18.6~~ 17.5	17.5	17.5	Nebula?
102	17.0	17.0	17.0	
103	17.0	17.0	17.0	
104	16.5	16.5	16.5	
105	17.0	17.0	17.0	Nebula?
106	16.5	16.5	16.5	
107	16.5	16.5	16.5	
108	16.5	16.5	16.5	
109	17.0	17.0	17.0	
110	16.0	16.0	16.0	
111	17.0	16.5	16.7	
112	17.0	16.5	16.7	
113	17.0	17.0	17.0	{ Double in contact.
114	16.0	16.0	16.0	
115	16.5	16.0	16.2	
116	17.0	17.0	17.0	
117	17.0	17.0	17.0	
118	17.0	17.0	17.0	Nebula?
119	16.5	16.5	16.5	
120	17.0	17.0	17.0	

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15972

No.	Mag. 1	Mag. 2	Mean	Remarks
121	17.5 ::	17.0 ::	17.2 ::	Nebula? Faint haze. Surrounding star?
122	17.5	17.5	17.5	Nebula?
123	17.0	17.0	17.0	
124	17.0	17.0	17.0	
125	17.0	17.0	17.0	
126	16.5	17.0	16.7	
127	16.5	16.5	16.5	
128	17.0	17.0	17.0	Nebula?
129	17.0	17.0	17.0	
130	17.0	17.0	17.0	
131-144 Outside 9[illegible]° 131	16.5	16.0	16.2	
132	17.0	17.0	17.0	
133	16.0	16.0	16.0	
134	17.0	17.0	17.0	
135	17.0	17.0	17.0	
136	17.0	17.0	17.0	
137	17.5	17.0	17.2	
138	16.0	16.0	16.0	
139	17.0	17.0	17.0	
140	16.0	16.5	16.2	
141	16.5	17.0	16.7	
142	~~16.5~~ 17.0	17.0	17.0	
143	17.0	16.5	16.7	
144	~~16.5~~	16.5	16.5	
145	17.5	17.5	17.5	
146	16.5	16.5	16.5	
147	16.5	16.5	16.5	
148	16.5	16.5	16.5	
149	16.5	16.5	16.5	
150	17.0	17.0	17.0	

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15972

No.	Mag. 1	Mag. 2	Mean	Remarks.
151	17.5	17.5	17.5	Nebula?
152	17.0	17.0	17.0	
153	17.0	17.0	17.0	
154	17.0	17.0	17.0	
155	16.5	16.5	16.5	
156	17.0	17.0	17.0	
~~156~~ 157	17.6	17.0	17.0	
158	16.0	15.5	~~16.7~~ 15.7	×
159	16.5	16.5	16.5	
160	17.0	17.0	17.0	
161	17.0	16.5	16.7	
162	17.0	17.0	17.0	
163	17.0	16.5	16.7	
164	16.5	16.5	16.5	
165	17.0	16.5	16.7	
166	17.5	17.0	17.2	
167	17.5	17.0	17.2	
168	17.0	17.0	17.0	
169	17.5	17.5	17.5	
170	17.5	17.0	17.2	
171	17.5	17.5	17.5	
172	16.5	16.5	16.5	Nebula?
173	17.0	17.0	17.0	
174	17.0	17.0	17.0	
175	17.5	17.0	17.2	Nebula?
176	16.5	16.5	16.5	
177	17.0	17.0	17.0	
178	17.5	17.5	17.5	Nebula?
179	17.0	17.0	17.0	
180	16.5	17.0	16.7	

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1932phae.proj.2917M

15972

No.	Mag. 1	Mag. 2	mean	Remarks
181	17.0	17.0	17.0	
182	16.5	16.5	16.5	
183	17.0	17.0	17.0	
184	17.0	17.0	17.0	
185	17.0	17.0	17.0	
186	17.5	17.0	17.3	
187	17.5	17.5	17.5	
188	17.0	17.0	17.0	
189	17.0	17.5	17.3	
190	17.0	17.0	17.0	
191	17.0	17.0	17.0	
192	16.5	17.0	16.7	
193	17.0	17.0	17.0	
194	17.0	17.5	17.3	
195	17.5	17.5	17.5	
196	16.5	17.0	16.7	
197	16.5	17.0	16.7	
198	16.5	16.5	16.5	
199	17.0	17.0	17.0	
200	16.5	16.5	16.5	
201	17.0	17.0	17.0	
202	16.5	16.5	16.5	
203	16.5	16.5	16.5	
204	16.5	16.5	16.5	
205	17.0	17.0	17.0	
206	17.0	17.5	17.3	
207	16.5	17.0	16.7	
208	17.0	17.5	17.3	Nebula?
209	16.5	17.0	16.7	
210	17.0	17.0	17.0	

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15972

No.	Mag. 1	Mag. 2	Mean	Remarks.
211	16.0	16.5	16.2	
212	17.5	17.0	17.2	
213	17.0	17.0	17.0	
214	16.5	17.0	16.7	
215	17.0	17.5	17.2	
216	16.0	16.5	16.2	
217	16.5	16.5	16.5	
218	15.5	15.5	15.5	
219	16.5	16.5	16.5	
220	16.5	16.5	16.5	
221	16.5	16.5	16.5	
222	17.0	17.0	17.0	
223	17.0	17.0	17.0	
224	16.5	16.0	16.2	
225	17.0	17.0	17.0	
226	16.5	17.0	16.7	
227	16.5	16.5	16.5	
228	17.0	17.0	17.0	
229	17.5	17.0	17.2	
230	17.0	17.0	17.0	
231	16.5	16.5	16.5	
232	17.0	17.0	17.0	
233	17.5	17.0	17.2	
234	17.0	17.5	17.2	
235	16.5	17.0	16.7	
236	16.5	16.5	16.5	
237	16.5	17.0	16.7	
238	17.0	17.5	17.2	
239	17.0	17.5	17.2	
240	17.0	17.5	17.2	Nebula ?

216-223 Outside 9 sq°

237-255 Outside 9 □°

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1932phae.proj.2210M

15472

No.	Mag. 1	Mag. 2	Mean	Remarks
241	17.0	17.5	17.2	
242	17.0	17.0	17.0	
243	16.5	16.5	16.5	
244	16.5	17.0	16.7	
245	16.5	17.0	16.7	
246	17.5	17.5	17.5	
247	17.0	17.0	17.0	
248	17.0	17.0	17.0	
249	16.5	16.5	16.5	
250	17.0	17.0	17.0	
251	16.0	16.0	16.0	
~~252~~	+			cracked right thru its middle.
253	16.5	16.5	16.5	
254	17.5	17.5	17.5	
255	17.0	17.0	17.0	
256	17.0	17.5	17.2	
257	16.5	17.0	16.7	
258	17.0	17.0	17.0	
259	17.0	17.5	17.2	
260	17.0	17.5	17.2	
261	16.0	16.0	16.0	
262	16.5	16.5	16.5	
263	16.5	17.0	16.7	
264	16.5	16.5	16.5	
265	16.5	16.5	16.5	
266	17.0	17.0	17.0	
267	16.0	16.0	16.0	
268	17.0	17.0	17.0	
269	16.5	16.5	16.5	Large Small surface brightness.
270	16.0	16.0	16.0	

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1932phae.proj.2349M

15972

no.	mag.1	mag.2	mean	Remarks
271	17.0	17.0	17.0	
272	16.5	16.0	16.2	Nebula ?
273	17.0	17.0	17.0	
274	17.5	17.5	17.5	
275	17.5	17.5	17.5	
276	16.5	16.5	16.5	
277	16.5	17.0	16.7	
278	17.5	17.5	17.5	
279	17.5	17.5	17.5	
280	17.0	17.0	17.0	
281	17.5	17.5	17.5	
282	17.0	17.5	17.2	
283	16.5	17.0	16.7	
284	17.0	17.5	17.2	
285	17.0	17.0	17.0	
286	17.0	17.0	17.0	Nebula ?
287	17.0	17.5	17.2	
288	17.0	17.0	17.0	
289	17.5	17.0	17.2	
290	16.5	16.5	16.5	
291	17.0	17.0	17.0	
292	17.0	17.5	17.2	
293	16.5	17.0	16.7	
294	16.5	17.0	16.7	
295	16.5	17.0	16.7	
296	17.0	17.0	17.0	
297	17.0	17.0	17.0	297-335 Outside 90°
298	16.0	16.5	16.2	
299	17.0	17.5	17.2	
300	17.0	17.0	17.0	

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1932phae.proj.2209M

15972

No.	Mag. 1	Mag. 2	Mean	Remarks
301	16.5	17.0	16.7	
302	17.0	17.5	17.2	
303	16.5	17.0	16.7	
304	16.5	16.5	16.5	
305	17.0	17.5	17.2	
306	17.0	17.5	17.2	
307	17.0	17.5	17.2	Nebula?
308	16.5	16.5	16.5	
309	16.0	16.5	16.2	
310	16.5	17.0	16.7	
311	17.0	17.5	17.2	
312	16.5	17.0	16.7	
313	16.5	17.0	16.7	
314	17.0	17.5	17.2	Right on edge of crack
315	16.5	16.5	16.5	} Double in contact
316	16.5	16.5	16.5	
317	17.0	17.0	17.0	
318	16.5	165	16.5	
319	16.5	16.5	16.5	
320	17.0	17.0	17.0	
321	17.0	170	17.0	
322	17.0	17.0	17.0	
323	17.0	17.0	17.0	
324	17.0	175	17.2	
325	17.0	16.5	16.7	
326	170	17.5	17.2	
327	17.0	17.0	17.0	
328	16.5	16.5	16.5	
329	17.0	17.0	17.0	
330	17.0	16.5	16.7	

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1932phae.proj.2349M

15972

no.	mag. 1	mag. 2	mean	Remarks . . .
331	17.0	17.0	17.0	
332	16.5	16.5	16.5	
333	17.0	17.0	17.0	
334	17.0	17.0	17.0	
335	17.0	17.0	17.0	
336	16.5	16.5	16.5	
337	16.5	17.0	16.7	
338	17.0	17.0	17.0	
339	17.0	17.0	17.0	
340	16.5	17.0	16.7	
341	16.5	16.5	16.5	
342	H 17.0	16.5	16.7	342-428 outside 90°
343	16.5	16.0	16.2	
344	16.5	16.5	16.5	
345	16.0	16.0	16.0	
346	17.0	17.0	17.0	
347	+	–	–	cannot be found.
348	+	–	–	cannot be found.
349	16.5	16.5	16.5	
350	17.0	17.0	17.0	
351	17.0	17.0	17.0	
352	17.0	17.0	17.0	
353	17.0	17.0	17.0	
354	17.5	17.5	17.5	
355	17.0	17.0	17.0	
356	17.0	17.0	17.0	
357	17.0	17.0	17.0	
358	17.0	16.5	16.7	
359	17.0	17.0	17.0	
360	16.5	16.5	16.5	

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1932phae.proj.2319M

15972

No.	Mag. 1	Mag. 2	Mean	Remarks
361	16.0	16.0	16.0	
362	17.0	17.0	17.0	
363	17.0	17.0	17.0	
364	16.5	16.5	16.5	
365	16.5	17.0	16.7	
366	17.0	17.0	17.0	Nebula?
367	16.0	16.0	16.0	
368	16.0	16.0	16.0	Nebula?
369	16.0	16.0	16.0	
370	17.0	17.5	17.2	
371	17.5	17.5	17.5	
372	17.0	17.0	17.0	
373	17.0	17.5	17.2	
374	16.5	16.5	16.5	
375	16.5	17.0	16.7	
376	17.0	17.5	17.2	
377	17.0	17.5	17.2	
378	16.5	16.5	16.5	
379	17.0	17.5	17.2	
380	16.5	16.5	16.5	
381	16.5	17.0	16.7	
382	16.5	17.0	16.7	
383	16.0	16.0	16.0	
384	17.0	17.0	17.0	
385	16.5	17.0	16.7	
386	17.0	17.5	17.2	
387	17.0	17.5	17.2	
388	17.0	17.5	17.2	Nebula?
389	17.0	17.5	17.2	
390	17.0	17.5	17.2	

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1932phae.proj.2349M

15972

no.	mag. 1	mag. 2	mean	Remarks
391	17.0	17.5	17.2	
392	17.0	17.5	17.2	
393	17.0	17.5	17.2	
394	17.0	17.0	17.0	
395	17.0	17.5	17.2	
396	16.5	17.0	16.7	
397	17.0	17.5	17.2	
398	17.5	17.5	17.5	
399	16.5	17.0	16.7	
400	17.0	17.0	17.0	
401	16.5	16.5	16.5	
402	17.0	17.5	17.2	
403	17.0	17.0	17.0	
404	17.5	17.5	17.5	
405	16.5	16.5	16.5	
406	17.5	17.0	17.2	
407	17.0	17.0	17.0	
408	16.5	16.5	16.5	
409	16.5	16.5	16.5	
410	16.5	16.5	16.5	
411	15.5	15.5	15.5	
412	17.0	17.0	17.0	
413	16.5	16.5	16.5	
414	16.5	16.5	16.5	Nebula?
415	16.5	16.5	16.5	
416	16.5	16.0	16.2	
417	16.5	16.5	16.5	
418	15.5	15.5	15.5	
419	17.0	17.0	17.0	
420	16.5	16.5	16.5	Nebula?

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1932phae.proj.2349M

15972

No.	Mag. 1	Mag. 2	mean	Remarks
421	16.0	16.5	~~16.5~~ 16.2	
422	17.0	17.5	17.2	Nebula?
423	17.0	17.0	17.0	Nebula?
424	15.0	15.0	15.0	Nebula?? concentration towards center. Long light streak.
425	16.5	17.0	16.7	
426	17.0	17.0	17.0	Nebula?
427	16.5	16.5	16.5	
428	16.0	16.0	16.0	
N 6010	14.0	14.0	14.0	
6033	15.0	15.5	15.2	
6070			12.7 (A.A.)	
6080	15.0	15.0	15.0	
I 1158	14.5	14.0	14.2	Faint surface brightness

	Mag. 1	Mag. 2	mean
Harvard Numbers			
2347 -2 56.4			
2347 -256.8			
2348 -01 55			
2348 -202.5			
2348 -01323			
2349 -03 03.8			
2350 -1 22.2			
2350 -1 14.6			
2351 -115.5			
2353 -02.588			
2354 -0303.6			
2354 -02 08.8			
2355 -1 38	17.0		
2355 -2 54.5			
2355 -256.5			
2356 -2 56			
0002 -230.6			

	Mag 1	Mag 2	mean
H.N 2355 -1.01.6	17.0		
2356 -0059			

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1932phae.proj.2343M

16164

No.	Mag. 1	Mag. 2	Mean	Remarks
1-38	1 16.5	16.5	16.5 ✓	Nebula?
Outside	2 16.5	16.5	16.5 ✓	Nebula?
9□°	3 17.0	17.0	17.0 ✓	
Also all	4 16.5	17.0	16.7 ✓	
nos. checked	5 17.0	17.0	17.0 ✓	
in red	6 17.0	17.0	17.0 ✓	
outside	7 16.5	16.5	16.5 ✓	
9□°	8 16.5	16.5	16.5 ✓	
	9 16.5	17.0	16.7 ✓	
	10 15.0	15.5	15.2 ✓	
	11 16.5	16.5	16.5 ✓	
	12 16.0	16.0	16.0 ✓	
	13 16.0	16.0	16.0 ✓	
	14 16.5	17.0	16.7 ✓	
	15 16.0	16.5	16.2 ✓	
	16 16.0	16.5	16.2 ✓	
	17 17.0	17.0	17.0 ✓	
	18 17.0	16.5	16.7 ✓	
	19 16.5	16.5	16.5 ✓	Nebula?
	20 16.0	16.5	16.2 ✓	
	21 17.0	17.5	17.2 ✓	Nebula?
	22 16.5	16.5	16.5 ✓	
	23 16.0	16.5	16.2 ✓	
	24 16.0	16.0	16.0 ✓	
	25 16.0	16.0	16.0 ✓	
	26 17.0	16.5	16.7 ✓	
	27 16.5	17.0	16.7 ✓	
	28 16.5	17.0	16.7 ✓	Nebula?
	29 17.0	17.0	17.0 ✓	
	30 16.5	16.5	16.5 ✓	

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1932phae.proj.2311M

16164

No.	Mag. 1	Mag. 2	Mean	Remarks
31	16.5	16.5	16.5	
32	16.5	17.0	16.7	
33	16.0	16.5	16.2	
34	16.0	16.5	16.2	
35	16.0	16.5	16.2	Nebula?
36	16.5	17.0	16.7	
37	16.5	17.0	16.7	
38	16.0	16.5	16.2	
39	16.0	16.5	16.2	
40	16.0	16.5	16.2	
41	16.5	16.5	16.5	
42	16.0	16.5	16.2	
43	17.0	17.0	17.0	
44	16.0	16.0	16.0	
45	16.5	17.0	16.7	
46	16.5	17.0	16.7	
47	~~16.0~~ 16.5	~~17.0~~ 16.5	16.5	
48	17.0	17.5	17.2	
49	16.0	16.0	16.0	
50	17.0	17.0	17.0	Nebula?
51	16.5	16.5	16.5	
52	15.5	16.0	15.7	
53	16.0	16.0	16.0	
54	17.0	17.0	17.0	
55	16.0	16.5	16.2	
56	16.5	17.0	16.7	
57	17.0	17.5	17.2	
58	16.5	17.0	16.7	
59	17.0	17.5	17.2	
60	17.5	18.0	17.7	

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1932phae.proj.2341M

16164

no.	mag. 1	mag. 2	mean	Remarks
61	17.5	18.0	17.7	
62	16.0	16.5	16.2	
63	17.5	17.5	17.5	
64	16.0	16.5	16.2	
65	16.5	17.0	16.7	
66	16.0	16.5	16.2	
67	16.5	17.0	16.7	
68	16.0	16.5	16.2	
69	16.0	16.0	16.0	
70	16.5	16.5	16.5	
71	16.0	16.5	16.2	
72	17.0	17.0	17.0	
73	17.0	17.5	17.2	
74	16.0	16.5	16.2	
75	16.5	17.0	16.7	
76	17.0	17.5	17.2	Nebula?
77	17.5	17.5	17.5	
78	17.5	17.5	17.5	
79	17.5	17.5	17.5	
80	17.0	17.0	17.0	
81	17.5	17.5	17.5	Nebula?
82	17.5	18.0	17.7	
83	17.5	17.0	17.2	Nebula?
84	17.0	17.0	17.0	
85	17.5	17.5	17.5	Nebula?
86	17.5	17.0	17.2	
87	17.0	17.0	17.0	
88	17.5	17.5	17.5	
89	17.5	17.5	17.5	
90	17.0	17.0	17.0	

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1932phae.proj.2349M

16164

no.	Mag. 1	Mag. 2	Mean	Remarks
91	17.0	17.0	17.0	
92	17.0	17.0	17.0	
93	16.0	16.0	16.0	
94	17.0	17.0	17.0	
95	17.5	17.5	17.5	
96	16.5	16.5	16.5	
97	17.5	17.5	17.5	
98	17.5	17.0	17.2	
99	17.0	17.0	17.0	
100	17.0	17.0	17.0	
101	17.0	17.0	17.0	
102	17.0	17.5	17.2	
103	17.5	18.0	17.4	
104	17.5	18.0	17.4	Nebula?
105	17.0	17.5	17.2	
106	17.0	17.5	17.2	
107	17.0	17.5	17.2	
108	17.5	17.5	17.5	
109	17.5	17.5	17.5	
110	17.5	18.0	17.4	
111	17.5	17.5	17.5	
112	16.0	16.0	16.0	
113	17.0	17.0	17.0	
114	16.5	16.5	16.5	
115	15.0	15.0	15.0	Beautiful open spiral.
116	16.0	16.0	16.0	
117	16.0	16.0	16.0	
118	17.0	17.0	17.0	
119	17.0	17.0	17.0	
120	15.5	16.0	15.4	

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1932phae.proj.2349M

16164

No.	mag. 1	mag. 2	mean	Remarks
121	17.0	17.0	17.0	
122	17.0	17.0	17.0	
123	16.0	16.0	16.0	
124	16.0	16.0	16.0	
125	16.0	16.5	16.2	
126	16.0	16.5	16.2	
127	16.0	16.5	16.2	
128	16.0	16.5	16.2	
129	17.5	17.5	17.5	Nebula?
130	17.0	17.0	17.0	
131	17.0	17.0	17.0	
132	17.5	17.5	17.5	
133	17.5	17.0	17.2	
134	16.0	16.5	16.2	
135	17.0	16.5	16.7	
136	17.5	17.5	17.5	
137	17.5	17.5	17.5	
138	17.5	17.5	17.5	
139	17.5	18.0	17.7	
140	17.0	17.5	17.2	
141	17.5	17.5	17.5	
142	18.0	18.0	18.0	Nebula?
143	17.5	17.0	17.2	
144	17.5	17.5	17.5	
145	17.0	17.0	17.0	
146	17.5	17.0	17.2	
147	17.0	17.0	17.0	
148	17.5	17.5	17.5	
149	17.5	17.5	17.5	
150	17.5	17.5	17.5	

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1932plate.proj.2013M

16164

No.	Mag. 1	Mag. 2	Mean	Remarks
151	16.5	17.0	16.7	
152	16.5	17.0	16.7	
153	16.5	17.0	16.7	
154	16.5	17.0	16.7	
155	16.5	16.5	16.5	
156	16.5	17.0	16.7	
157	16.5	17.0	16.7	
158	16.5	16.5	16.5	
159	17.0	17.0	17.0	
160	16.5	17.0	16.7	
161	17.0	17.0	17.0	
162	17.0	17.5	17.2	
163	17.0	17.5	17.2	
164	17.0	17.5	17.2	
165	17.0	17.0	17.0	
166	17.5	17.0	17.2	
167	17.5	17.0	17.2	
168	16.0	16.0	16.0	
169	17.5	17.0	17.2	
170	17.5	17.5	17.5	
171	17.0	17.0	17.0	
172	17.0	16.5	16.7	
173	17.5	17.5	17.5	
174	17.0	17.0	17.0	
175	16.5	17.0	16.7	
176	17.5	17.0	17.2	
177	16.5	16.5	16.5	
178	17.5	17.0	17.2	
179	17.0	16.5	16.7	
180	18.0	18.0	18.0	

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1932phae.proj.2349M

16164

no.	mag.1	mag.2	mean	Remarks
181	17.5	17.5	17.5	
182	17.5	17.5	17.5	
183	17.0	17.5	17.2	
184	17.5	18.0	17.7	Nebula?
185	16.5	17.0	16.7	
186	17.0	17.0	17.0	
187	17.0	17.0	17.0	
188	16.5	16.5	16.5	
189	17.0	17.0	17.0	Nebula?
190	17.0	17.0	17.0	
191	17.0	17.0	17.0	
192	17.0	17.0	17.0	
193	17.5	17.0	17.2	Nebula?
194	17.5	17.5	17.5	
195	17.5	17.5	17.5	Nebula?
196	17.5	18.0	17.7	
197	17.5	17.5	17.5	Nebula?
198	16.0	16.5	16.2	
199	16.5	17.0	16.7	
200	17.5	17.5	17.5	Nebula?
201	17.0	17.5	17.2	
202	17.5	17.5	17.5	
203	16.5	17.0	16.7	
204	15.5	16.0	15.7	
205	16.5	16.5	16.5	
206	17.0	17.0	17.0	
207	17.0	17.0	17.0	
208	17.5	17.5	17.5	Nebula?
209	17.0	17.5	17.2	
210	17.5	18.0	17.7	

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1992phae.proj.224M

16164

No.	Mag. 1	Mag. 2	Mean	Remarks
211	17.0	17.5	17.2	
212	17.5	17.5	17.5	
213	17.5	17.5	17.5	
214	17.5	17.0	17.2	
215	17.5	17.0	17.2	
216	16.5	16.5	16.5	
217	17.0	17.0	17.0	
218	17.0	17.0	17.0	
219	17.5	17.5	17.5	
220	17.5	17.5	17.5	
221	17.0	17.0	17.0	
222	17.5	17.0	17.2	
223	16.5	16.5	16.5	
224	16.5	17.0	16.7	
225	16.0	16.0	16.0	
226	16.0	16.5	16.2	In contact with star.
227	17.0	16.5	16.7	
228	16.5	17.0	16.7	
229	16.0	16.5	16.2	
230	17.0	17.0	17.0	
231	17.0	17.0	17.0	
232	16.0	16.5	16.2	
233	17.0	17.0	17.0	
234	16.5	16.5	16.5	
235	17.5	17.5	17.5	
236	17.5	17.5	17.5	
237	17.0	17.0	17.0	
238	16.5	16.5	16.5	
239	17.0	17.0	17.0	Nebula?
240	17.5	17.0	17.2	

215-233 outside 9□°

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1932phae.proj.2349M

 16164

No.	Mag. 1	Mag. 2	Mean	Remarks
241	17.0	17.0	17.0	
242	17.5	17.0	17.2	
243	18.0	18.0	18.0	
244	16.0	16.5	16.2	
245	16.5	16.5	16.5	
246	15.5	16.0	15.7	
247	17.5	17.5	17.5	
248	16.0	16.0	16.0	
249	17.5	17.5	17.5	
250	17.0	17.0	17.0	
251	17.5	17.5	17.5	
252	17.0	17.0	17.0	
253	18.0	18.0	18.0	
254	15.5	16.0	15.7	
255	17.0	16.5	16.7	
256	16.0	16.0	16.0	
257	17.0	17.5	17.2	
258	16.5	16.5	16.5	
259	16.0	16.0	16.0	
260	17.0	17.0	17.0	
261	17.0	17.5	17.2	
262	~~17.0~~ 16.5	16.5	16.5	
263	17.0	17.5	17.2	
264	17.0	17.5	17.2	
265	16.5	~~16~~ 17.0	16.7	
266	17.5	18.0	17.7	
267	18.0	18.0	18.0	
268	17.0	16.5	16.7	
269	16.5	17.0	16.7	
270	15.5	16.0	15.7	

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1992phae.proj.2A3M

16164

No.	Mag. 1	Mag. 2	Mean	Remarks
271	15.0	15.5	15.2	
272	17.0	17.5	17.2	
273	17.5	17.5	17.5	
274	17.0	17.0	17.0	
275	16.5	17.0	16.7	
276	17.0	17.5	17.2	
277	17.0	17.5	17.2	
278	17.5	17.5	17.5	
279	17.0	17.0	17.0	
280	17.5	18.0	17.7	
281	17.0	16.5	16.7	
282	17.0	17.0	17.0	Nebula?
283	17.5	17.5	17.5	
284	17.0	17.5	17.2	Nebula?
285	17.5	17.5	17.5	Nebula?
286	17.5	18.0	17.7	
287	17.0	17.0	17.0	
288	16.5	17.0	16.7	
289	16.5	16.0	16.2	
290	16.0	15.5	15.7	
291	17.5	17.5	17.5	
292	17.5	17.5	17.5	
293	17.0	17.5	17.2	
294	16.5	16.5	16.5	
295	16.5	17.0	16.7	
296	17.5	18.0	17.7	
297	17.0	17.5	17.2	
298	16.5	16.5	16.5	
299	17.0	17.0	17.0	
300	17.0	17.5	17.2	

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1932phae.proj.234M

16164

No.	mag. 1	mag. 2	mean	Remarks
301	17.0	16.5	16.7 ✓	
302	~~16.0~~ 17.0	17.0	17.0 ✓	
303	16.0	16.0	16.0 ✓	
304	17.0	17.0	17.0 ✓	
305	16.0	16.5	16.2 ✓	
306	16.5	17.0	16.7 ✓	
307	17.0	17.5	17.2 ✓	
308	16.5	17.0	16.7 ✓	
309	16.0	16.5	16.2 ✓	
310	16.5	17.0	16.7 ✓	
311	16.0	16.5	16.2 ✓	
312	17.5	18.0	17.7 ✓	
313	17.0	17.5	17.2 ✓	
314	17.0	17.5	17.2 ✓	
315	16.5	17.0	16.7 ✓	
316	16.5	17.0	16.7 ✓	
317	16.0	16.5	16.2 ✓	
318	17.0	17.5	17.2 ✓	
319	16.5	16.5	16.5 ✓	
320	17.0	17.0	17.0 ✓	
321	~~16.5~~ 17.0	17.0	17.0 ✓	
322	16.5	16.5	16.5 ✓	
323	16.0	15.5	15.7 ✓	
324	16.0	16.0	16.0 ✓	
325	16.5	16.5	16.5 ✓	
326	17.5	17.5	17.5 ✓	
327	16.5	16.0	16.2 ✓	
328	17.0	17.0	17.0 ✓	
329	16.0	16.0	16.0 ✓	
329a	16.0	16.0	16.0 ✓	
330	16.5	16.5	16.5 ✓	

302-337 ouwit 90□°

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1932phae.proj..221M

16164

No.	Mag. 1	Mag. 2	Mean	Remarks
331	17.0	17.0	17.0	
332	17.5	18.0	17.7	
333	17.5	18.0	17.7	
334	17.0	17.0	17.0	
335	18.0	18.0	18.0	
336	17.5	17.5	17.5	
337	18.0	18.0	18.0	
338	16.5	16.5	16.5	
339	17.0	17.5	17.2	
340	15.5	16.0	15.7	
341	16.0	16.5	16.2	
342	16.5	16.5	16.5	
343	16.5	16.5	16.5	
344	16.5	16.0	16.2	
345	16.0	15.5	15.7	
346	16.5	16.5	16.5	
N 5887	14.5	14.5	14.5	
5913	14.0	14.0	14.0	
5937	13.5	13.5	13.5	
I 1125	14.0	14.0	14.0	
1128	15.5	15.5	15.5	

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1932phae.proj.2341M

16179

No	Mag 1	Mag 2	Mean	Remarks
1	15.5	15.5	15.5	
2	17.0	16.5	16.7	
3	16.0	16.0	16.0	
4	16.5	16.5	16.5	
5	17.0	16.5	16.7	
6	17.0	17.0	17.0	
7	17.5	17.0	17.2	Neb.?
8	17.0	16.5	16.7	
9	16.0	16.0	16.0	
10	16.5	16.5	16.5	
11	16.0	16.0	16.0	
12	~~16.5~~ 17.5	16.0	15.7	
13	16.0	16.0	16.0	
14	16.0	16.5	16.2	Neb.?
15	18.0	18.0	18.0	Neb?
16	16.5	17.0	16.7	
17	~~16.5~~ 17.5	17.5	17.5	
18	16.5	17.0	16.7	Neb?
19	17.5	17.5	17.5	Neb?
20	17.0	17.0	17.0	
21	17.5	17.5	17.5	Neb?
22	17.0	16.5	16.7	
23	16.5	17.0	16.7	
24	17.0	16.5	16.7	
25	18.0	18.0	18.0	
26	16.0	16.0	16.0	
27	16.5	16.5	16.5	
28	17.5	17.0	17.2	
29	17.5	17.0	17.2	
30	17.0	17.5	17.2	

1-42 outside 90°

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1932phae.proj..22M

16179

No.	Mag 1	Mag 2	Mean	Remarks
31	16.0	16.5	16.2	
32	16.5	17.0	16.7	
33	16.5	17.0	16.7	
34	16.5	16.5	16.5	
35	17.5	17.5	17.5	
36	17.0	17.5	17.2	
37	17.0	17.0	17.0	
38	17.0	17.0	17.0	
39	17.5	17.0	17.2	
40	17.5	17.5	17.5	
41	17.0	17.0	17.0	
42	17.0	17.0	17.0	
43	16.5	16.0	16.2	
44	16.5	17.0	16.7	
45	17.0	17.0	17.0	
46	16.5	16.5	16.5	
47	16.5	16.5	16.5	
48	16.5	16.0	16.2	
49	17.5	18.0	17.7	
50	17.0	17.0	17.0	Neb. ?
51	18.0	18.0	18.0	
52	17.5	17.5	17.5	
53	17.0	17.5	17.2	Neb. ??
54	17.5	18.0	17.7	
55	18.0	18.0	18.0	
56	16.5	17.0	16.7	
57	16.0	16.5	16.2	
58	16.5	17.0	16.7	
59	16.5	16.5	16.5	
60	16.0	16.5	16.2	

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1932phae.proj.2349M

16h79

No.	Mag. 1	Mag 2	Mean	Remarks
61	17.0	17.0	17.0	
62	15.5	16.0	15.7	
63	18.0	17.5	17.7	
64	17.5	17.5	17.5	
65	17.0	17.0	17.0	
66	17.0	16.5	16.7	
67	16.5	17.0	16.7	
68	16.5	17.0	16.7	Neb.?
69	17.5	17.5	17.5	
70	17.5	17.5	17.5	
71	17.0	17.5	17.2	
72	17.5	17.5	17.5	Neb?
73	17.0	17.0	17.0	
74	16.5	16.5	16.5	
75	16.5	16.5	16.5	
76	16.5	16.5	16.5	
77	15.5	15.5	15.5	
78	16.0	16.0	16.0	
79	17.0	17.5	17.2	
80	17.0	17.5	17.2	In contact with star
87	16.5	17.0	16.7	
82	16.5	16.5	16.5	
83	17.5	17.5	17.5	Neb.?
84	17.0	17.0	17.0	
85	18.0	17.5	17.7	
86	17.5	17.5	17.5	
87	16.5	16.5	16.5	
88	16.5	16.5	16.5	
89	17.0	17.0	17.0	
90	16.5	16.5	16.5	

78-83 outside 9□°

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1932phae.proj.2317M

16179

No.	Mag. 1	Mag 2.	Mean	Remarks
91	17.5	17.5	17.5	Neb:
92	16.0	16.0	16.0	
93	17.0	17.5	17.2	
94	17.5	17.5	17.5	
95	18.0	17.5	17.7	
96	16.5	16.5	16.5	
97	16.5	16.0	16.2	
98	16.5	16.5	16.5	
99	17.5	17.5	17.5	
100	17.5	17.5	17.5	
101	17.5	17.5	17.5	
102	18.0	17.5	17.7	Neb?
103	17.5	17.5	17.5	
104	17.5	17.0	17.2	
105	16.5	16.5	16.5	
106	16.5	17.0	16.7	
107	16.5	16.5	16.5	
108	~~18.0~~ 17.5	17.0	17.2	
109	17.0	17.0	17.0	
110	16.5	17.0	16.7	
111	17.0	17.0	17.0	
112	17.0	17.0	17.0	Neb?
113	16.5	16.5	16.5	
114	17.5	17.5	17.5	
115	17.0	17.0	17.0	
116	16.5	16.0	16.2	
117	16.0	16.0	16.0	
118	17.5	17.0	17.2	
119	16.5	16.5	16.5	
120	17.5	17.5	17.5	

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1932phae.proj.234M

16179

No.	Mag 1	Mag 2	Mean	Remarks
121	16.5	16.5	16.5	
122	18.0	17.5	17.7	
123	17.5	17.0	17.2	
124	17.0	17.0	17.0	
125	18.0	18.0	18.0	
126	16.5	16.5	16.5	
127	17.0	17.0	17.0	
128	17.0	17.0	17.0	
129	17.5	17.5	17.5	Neb?
130	17.0	17.5	17.2	
131	17.0	~~16.~~ 17.0	17.0	Star in center of very elliptical nebula
132	16.5	16.5	16.5	
133	16.0	16.0	16.0	
134	16.5	16.5	16.5	
135	16.5	16.5	16.5	
136	18.0	17.5	17.7	
137	17.0	17.5	17.2	
138	17.0	17.5	17.2	
139	17.0	16.5	16.7	Neb?
140	16.5	16.5	16.5	
141	17.0	17.0	17.0	
142	17.0	16.5	16.7	
143	16.5	16.5	16.5	
144	18.0	18.0	18.0	In contact with faint star
145	16.5	16.5	16.5	
146	17.0	17.0	17.0	
147	18.0	18.0	18.0	
148	17.5	18.0	17.7	
149	17.5	17.5	17.5	
150	16.0	16.0	16.0	

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1932phae.proj.2341M

16179

No.	Mag. 1	Mag. 2	Mean	Remarks
151	17.0	17.5	17.4	
152	18.0	18.0	18.0	
153	17.0	16.5	16.7	
154	18.0	18.0	18.0	
155-160 155	17.5	17.0	17.4	
156	17.5	17.0	17.4	
157	17.0	16.5	16.7	
158	17.0	17.0	17.0	
159	17.0	16.5	16.7	
160	16.5	17.0	16.7	
161	m i s s i n g			
162	16.5	16.5	16.5	
163	16.5	16.5	16.5	
164	17.5	17.5	17.5	
165	17.0	17.0	17.0	
166	16.0	16.0	16.0	
167	17.5	18.0	17.7	
168	17.0	17.0	17.0	
169	17.5	17.5	17.5	
170	16.5	17.0	16.7	
171	17.5	17.5	17.5	
172	18.0	18.0	18.0	
173	16.0	16.5	16.2	
174	17.5	17.5	17.5	
175	17.0	17.0	17.0	
176	17.5	17.5	17.5	
177	17.5	18.0	17.7	
178	16.5	17.0	16.7	Neb.?
179	17.5	17.5	17.5	
180-188 180	16.5	16.5	16.5	

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1932phae.proj.234M

16179

No.	Mag. 1	Mag. 2	Mean	Remarks
181	16.5	16.5	16.5	
182	17.5	17.5	17.5	
183	16.5	16.5	16.5	Neb.?
184	16.5	16.5	16.5	
185	16.5	16.5	16.5	
186	16.5	16.0	16.2	
187	16.5	16.5	16.5	
188	17.5	17.0	17.2	
189	17.5	17.0	17.2	Neb?
190	17.0	16.5	16.7	
191	17.5	17.5	17.5	Neb?
192	17.5	18.0	17.7	Neb?
192a	17.0	17.0	17.0	
193	16.0	16.0	16.0	
194	16.5	16.5	16.5	
195	17.5	17.5	17.5	
196	16.5	16.0	16.2	
197	17.5	17.5	17.5	
198	17.5	17.0	17.2	
199	17.0	16.5	16.7	Neb.?
200	16.5	16.0	16.2	
201	16.5	16.5	16.5	
202	16.0	15.5	15.7	
203	16.5	16.5	16.5	
204	16.0	16.0	16.0	
205	16.5	16.0	16.2	
206	17.5	17.5	17.5	
207	17.5	17.5	17.5	
208	16.5	16.5	16.5	
209	16.0	16.5	16.2	
210	16.5	16.5	16.5	Neb?

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1932phot..proj..221M

16179

No.	Mag. 1	Mag. 2	Mean	Remarks
211	16.5	16.5	16.5	
212	17.0	17.0	17.0	
213	17.5	17.5	17.5	
214	18.0	18.0	18.0	In contact with star.
215	17.5	17.5	17.5	
216	17.0	17.0	17.0	
217	18.0	18.0	18.0	
218	16.5	16.0	16.2	
219	17.5	18.0	17.7	Neb ?
220	17.5	18.0	17.7	
221	17.0	17.5	17.2	
222	16.5	16.5	16.5	
223	18.0	18.0	18.0	Neb. ?
224	17.5	17.5	17.5	
225	17.0	17.5	17.2	
226	16.5	16.5	16.5	
227	16.5	17.0	16.7	
228	17.0	17.0	17.0	
229	17.0	16.5	16.7	
230	16.0	16.0	16.0	
231	16.0	16.0	16.0	
232	16.5	16.5	16.5	
233	17.0	16.5	16.7	
234	16.5	16.5	16.5	
235	17.0	16.5	16.7	In contact with star.
236	17.5	17.5	17.5	
237	16.5	16.0	16.2	
238	17.5	17.5	17.5	
239	16.5	17.0	16.7	
240	17.0	17.5	17.2	

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1932phae.proj.2349M

16179

No.	Mag. 1	Mag. 2	Mean	Remarks
241	16.5	16.5	16.5	
242	17.0	16.5	16.7	
243	17.0	17.0	17.0	
244	~~17.0~~ 16.5	16.0	16.2	
245	17.0	16.5	16.7	
246	17.5	17.5	17.5	
247- 287	247 18.0	17.5	17.7	
	248 17.0	17.0	17.0	
	249 17.5	17.0	17.2	
	250 17.5	17.0	17.2	
	251 17.0	16.5	16.7	
	252 16.0	16.0	16.0	
	253 17.0	17.5	17.2	
	254 17.0	17.5	17.2	Neb?
	255 18.0	18.0	18.0	
	256 17.0	17.0	17.0	
	257 17.5	18.0	17.7	
	✓ 258 16.0	15.5	15.7	
	259 16.5	16.5	16.5	Neb ??
	260 17.0	17.0	17.0	
	261 17.0	17.0	17.0	
	262 17.0	17.0	17.0	
	263 18.0	17.5	17.7	Neb?
	264 17.0	16.5	16.7	
	265 16.0	16.0	16.0	
	266 17.0	16.5	16.7	Neb. ??
	267 15.5	15.5	15.5	
	268 16.5	16.5	16.5	
	269 16.0	16.0	16.0	
	270 15.5	15,5	15.5	

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1932phae.proj.2349M

16179

No.	Mag. 1	Mag. 2	Mean	Remarks
271	16.5	17.0	16.7	
272	16.0	15.5	15.7	
273	17.0	16.5	16.7	
274	17.5	17.0	17.2	Neb ?
275	17.5	17.0	17.2	
276	16.5	16.0	16.2	
277	17.0	16.5	16.7	
278	17.0	16.5	16.7	
279	17.0	17.0	17.0	Neb. ?
280	17.0	17.0	17.0	
281	16.5	16.5	16.5	
282	16.5	16.5	16.5	
283	17.0	17.5	17.2	Neb.?
284	16.5	16.5	16.5	
285	17.0	17.0	17.0	
286	16.5	16.5	16.5	
287	16.5	16.5	16.5	
N 7046	14.5	14.5	14.5	
7047	15.0	15.0	15.0	
7069	15.5	15.0	15.2	
7077	15.5	15.5	15.5	
7081	15.0	14.5	14.7	
7088	16.5	16.5	16.5	Remarkably faint to be N.G.C.
I 1364	15.5	15.5	15.5	
1365	15.5	155	15.5	
1366	16.0	15.5	15.7	In contact with star
1367	16.0	15.5	15.7	
1368	15.0	15.0	15.0	

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1932phae.proj.2349M

16179

	No.	Mag. 1	Mag. 2	Mean	Remarks
✓	I 1370	15.5	15.5	15.5	
✓	1373	16.0	16.0	16.0	
✓	1374	16.0	16.0	16.0	
✓	1380	16.0	15.5	15.7	
✓	1381	16.0	16.0	16.0	
✓	1383	16.0	16.0	16.0	
✓	1384	15.5	16.0	15.7	
✓	1385	16.0	16.0	16.0	
✓	1387	15.5	15.5	15.5	
	1388	16.0	15.5	15.7	
✓	5111	16.0	15.5	15.7	
✓	1390	16.0	15.5	15.7	
✓	1391	16.5	16.5	16.5	

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1932phae.proj.2317M

16231

No.	Mag. 1	Mag. 2	Mean	Remarks
1-17 1	17.0	16.5	16.7	
outside 2	17.0	16.5	16.7	
90° 3	16.5	16.5	16.5	
also 4	17.5	17.5	17.5	Neb ?
all 5	18.0	17.5	17.7	
nos. 6	16.0	16.0	16.0	
checked 7	17.0	16.5	16.7	
in 8	17.0	17.0	17.0	
rd 9	16.0	16.0	16.0	
out- 10	16.5	16.0	16.2	
note 11	17.5	17.5	17.5	
90° 12	16.5	17.0	16.7	
13	17.0	17.0	17.0	Neb ?
14	16.0	16.0	16.0	
15	15.5	15.5	15.5	
16	16.5	16.0	16.2	
17	17.0	16.5	16.7	
18	17.5	17.5	17.5	
19	16.5	16.5	16.5	
20- 20	17.0 :	16.5 :	16.7 :	Neb? Very faint surface brightness
31 21	17.0	16.5	16.7	
22	16.0	15.5	15.7	
23	16.5	17.0	16.7	
24	15.5	15.5	15.5	
25	16.0	16.0	16.0	
26	16.0	16.0	16.0	
27	16.0	16.0	16.0	
28	16.5	16.5	16.5	
29	16.0	16.0	16.0	
30	16.0	16.0	16.0	

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1932phae.proj.2349M

16231

No.	Mag. 1	Mag. 2	Mean	Remarks
31	17.5	17.0	17.2	Neb?
32	17.5	17.5	17.5	
33	17.0	16.5	16.7	
34	17.5	17.0	17.2	
35	17.0	17.0	17.0	
36	17.0	16.5	16.7	
37	17.5	17.0	17.2	
38	16.5	16.5	16.5	
39	17.0	17.0	17.0	
40	16.5	16.0	16.2	
41	17.5	17.5	17.5	
42	17.0	16.5	16.7	
43	17.0	16.5	16.7	
44	16.5	16.0	16.2	
45	17.0	17.0	17.0	
46	17.0	16.5	16.7	
47	17.5	17.0	17.2	
48	17.5	17.0	17.2	
49	18.0	17.5	17.7	
50	17.0	17.0	17.0	
51	17.0	17.0	17.0	
52	16.5	16.5	16.5	
53	16.0	15.5	15.7	
54	17.5	17.5	17.5	
55	17.0	17.0	17.0	
56	16.0	16.0	16.0	
57	16.5	16.5	16.5	
58	17.0	17.0	17.0	
59	18.0	17.5	17.7	
60	16.5	16.5	16.5	

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1932phae.proj.2319M

16231

No.	Mag. 1	Mag. 2	Mean	Remarks
61	16.5	16.0	16.2	
62	17.0	17.0	17.0	
63	17.0	17.5	17.2	Neb?
64	17.0	17.0	17.0	
65	17.5	17.0	17.2	Neb?
66	18.0	18.0	18.0	Neb?
67	17.5	17.5	17.5	
68	17.0	17.0	17.0	
69	17.5	17.5	17.5	
70	16.5:	17.0:	16.7:	Faint surface brightness.
71	17.5	17.5	17.5	
72	17.0	17.0	17.0	
73	16.0	16.0	16.0	
74	16.0	16.0	16.0	
75	16.5	17.0	16.7	
76	16.0	16.5	16.2	
77	16.0	16.0	16.0	
78	17.0	17.0	17.0	
79	16.5	17.0	16.7	
80	15.5	15.5	15.5	
81	16.5	17.0	16.7	
82	16.0	16.0	16.0	
83	17.0	16.5	16.7	
84	17.5	17.5	17.5	
85	16.5	16.0	16.2	
86	17.0	17.5	17.2	
87	17.0	17.5	17.2	Neb?
88	16.5	16.5	16.5	
89	16.0	16.0	16.0	
90	16.5	16.5	16.5	

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1932phae.proj.2349M

16231

No.	Mag. 1	Mag 2	Mean	Remarks
91	16.0	15.5	15.7	
92	16.0	15.5	15.7	
93	17.0	17.0	17.0	
94	17.5	17.5	17.5	
95	17.0	17.0	17.0	
96	16.5	16.0	16.2	
97	15.5	16.0	15.7	
98	16.0	16.0	16.0	
99	17.0	17.0	17.0	
100	15.5	16.0	15.7	
101	17.0	17.0	17.0	
102	16.0	16.0	16.0	
103	16.5	16.5	16.5	
104	16.5	16.5	16.5	
105	16.5	16.5	16.5	
106	17.0	17.0	17.0	
107	16.5	16.5	16.5	
108	17.5	17.5	17.5	Neb?
109	17.5	17.5	17.5	Neb?
110	16.0	16.0	16.0	
111	16.5	17.0	16.7	Neb?
112	16.0	16.5	16.2	
113	16.5	~~17.0~~	16.7	Neb?
114	17.0	17.0	17.0	
115	17.0	17.5	17.2	Neb?
116	17.0 :	17.0 :	17.0:	Faint surface brightness
117	17.0	17.0	17.0	
118	16.5	16.5	16.5	
119	16.5	16.5	16.5	
120	16.5	17.0	16.7	

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1932phae.proj.2319M

16231

No.	Mag. 1	Mag. 2	Mean
121	16.0	16.0	16.0
122	16.5	17.0	16.7
123	16.0	16.0	16.0
124	17.0	17.0	17.0
125	16.5	16.5	16.5
126	16.5	16.5	16.5
127	17.0	17.0	17.0
128	17.0	16.5	16.7
129	17.0	17.0	17.0
130	17.0	17.0	17.0
131	17.0	17.0	17.0
132	16.0	16.0	16.0
133	16.0	16.0	16.0
134	17.0	17.0	17.0
135	16.0	16.5	16.2
136	16.0	16.5	16.2
137	16.0	16.0	16.0
138	16.5	16.0	16.2
139	16.5	16.5	16.5
7156	14.0	14.0	14.0
7164	16.0	16.0	16.0
7181	15.5	15.5	15.5
7182	15.5	15.5	15.5
7189	15.0	15.0	15.0
7198	15.5	15.5	15.5
7215	15.0	15.5	15.2
7227	16.0	15.5	15.7
1411	15.0	15.5	15.2
1416	16.5	16.5	16.5

CONTINUED AT TOP OF THIS PAGE

Remarks

No.	Mag. 1	Mag 2	Mean
I 5159	16.0	16.0	16.0
1422	16.0	16.5	16.2
1425	15.5	15.5	15.5
1428	16.0	16.0	16.0
1437	16.0	15.5	15.7

Neb?

Identity?

Identity?

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1932phae.proj.2349M

16133

No.	Mag. 1	Mag 2	Mean	Remarks
1	16.0	16.0	16.0	
2	16.5	16.5	16.5	
3	17.0	16.5	16.7	
4	17.0	16.5	16.7	Neb.?
5	16.5	16.5	16.5	
6	16.0	16.0	16.0	
7	16.0	16.0	16.0	
8	15.5	15.5	15.5	
9	16.0	16.0	16.0	
10	17.0	17.0	17.0	
11	17.0	17.5	17.2	
12	17.5	18.0	17.7	
13	16.5	16.5	16.5	
14	16.5	17.0	16.7	
15	17.0	17.0	17.0	
16	17.0	17.5	17.2	
17	16.5	17.0	16.7	
18	16.5	16.5	16.5	
19	17.5	17.5	17.5	
20	16.0	16.0	16.0	
21	17.0	17.0	17.0	
22	17.0	17.5	17.2	
23	16.5	16.5	16.5	
24	17.5	17.5	17.5	
25	16.5	17.0	16.7	
26	17.5	17.5	17.5	
27	17.0	17.0	17.0	
28	17.0	17.5	17.2	
29	17.0	17.5	17.2	
30	18.0	18.0	18.0	

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1932phae.proj.2319M

16133

No.	Mag 1	Mag. 2	Mean	Remarks
31	17.5	17.0	17.2	
32	16.5	16.5	16.5	
33	16.5	17.0	16.7	
34	16.5	17.0	16.7	
35	17.0	17.5	17.2	
36	17.0	17.0	17.0	
37	16.5	17.0	16.7	
38	16.5	17.0	16.7	Neb.?
39	16.5	17.0	16.7	
40	16.5	17.0	16.7	Neb?
41	16.5	16.5	16.5	
42	16.0	16.5	16.2	
43	18.0	18.0	18.0	Neb.?
44	17.5	17.5	17.5	
45	17.5	17.5	17.5	
46	17.5	18.0	17.7	
47	17.5	17.5	17.5	
48	16.5	17.0	16.7	
49	17.5	17.5	17.5	
50	17.5	17.5	17.5	
51	17.5	17.0	17.2	
52	17.5	17.0	17.2	
53	17.0	16.5	16.7	
54	16.5	17.0	16.7	
55	17.0	17.0	17.0	
56	17.0	17.0	17.0	
57	18.0	17.5	17.7	
58	17.5	17.5	17.5	
59	16.5	16.5	16.5	
60	17.0	17.0	17.0	

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1932phae.proj.2349M

16133

No.	Mag. 1	Mag. 2	Mean	Remarks
61	17.5	17.5	17.5	
62	17.0	17.5	17.2	
63	17.0	17.0	17.0	
64	16.5	16.5	16.5	
65	17.0	17.0	17.0	Neb?
66	16.5	16.5	16.5	
67	16.5	16.5	16.5	
68	17.0	17.0	17.0	
69	16.5	17.0	16.7	
70	16.5	16.5	16.5	
71	17.0	17.0	17.0	
72	17.0	17.0	17.0	
73	17.0	17.0	17.0	
74	16.0	16.0	16.0	
75	16.5	16.5	16.5	
76	15.0	15.0	15.0	
77	16.0	16.0	16.0	Neb?
28	16.0	16.0	16.0	
79	16.5	16.5	16.5	Neb?
80	16.5	17.0	16.7	
81	~~16.5~~ 17.0	17.0	17.0	
82	16.0	16.0	16.0	
83	15.0	15.5	15.2	
84	~~16.0~~ 16.5	17.0	16.7	
85	16.0	16.0	16.0	
86	16.0	16.5	16.2	
87	16.0	16.0	16.0	
88	17.0	17.0	17.0	Neb.?
89	16.0	16.5	16.2	
90	16.5	17.0	16.7	

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1932plate.proj.2001M

16133

No	Mag. 1	Mag. 2	Mean	Remarks
91	17.5	17.0	17.2	
92	17.0	17.0	17.0	
93	17.5	17.0	17.2	
94	16.5	17.0	16.7	
95	16.5	17.0	16.7	
96	17.0	17.0	17.0	
97	17.5	17.5	17.5	
98	17.0	17.5	17.2	
99	17.0	17.0	17.0	
100	17.0	16.5	16.7	
101	17.0	17.0	17.0	Neb?
102	17.0	17.5	17.2	
103	16.5	17.0	16.7	
104	16.5	17.0	16.7	
105	16.0	16.5	16.2	
106	17.5	17.5	17.5	
107	17.0	17.0	17.0	
108	16.5	17.0	16.7	
109	17.5	18.0	17.7	
110	17.5	18.0	17.7	
111	18.0	18.0	18.0	
112	17.0	17.0	17.0	
113	17.5	17.5	17.5	
114	17.0	17.0	17.0	
115	17.5	17.5	17.5	
116	17.5	18.0	17.7	
117	17.0	17.0	17.0	
118	17.0	17.0	17.0	Neb
119	17.0	17.0	17.0	"
120	16.5	16.5	16.5	

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1932phae.proj.234PM

16133

No.	Mag. 1	Mag 2	Mean	Remarks
121	17.0	17.0	17.0	
122	17.5	17.5	17.5	
123	17.5	17.0	17.2	
124	18.0	18.0	18.0	
125	17.0	17.0	17.0	
126	17.5	17.5	17.5	
127	18.0	17.5	17.7	
128	16.5	16.5	16.5	
129	17.5	17.5	17.5	
130	17.0	16.5	16.7	
131	17.0	17.0	17.0	
132	17.5	17.0	17.2	
133	17.5	17.0	17.2	
134	17.5	17.0	17.2	
135	17.5	17.0	17.2	
136	17.0	17.0	17.0	
137	17.0	17.0	17.0	
138	17.5	17.5	17.5	
139	17.0	17.0	17.0	
140	17.5	17.0	17.2	
141	17.5	17.5	17.5	
142	17.0	17.0	17.0	Neb.?
143	18.0	18.0	18.0	
144	17.5	17.5	17.5	Neb.?
145	17.0	17.0	17.0	
146	17.5	17.0	17.2	
147	17.5	17.5	17.5	
148	17.5	17.5	17.5	
149	17.0	16.5	16.7	
150	17.0	16.5	16.7	

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16133

No.	Mag. 1	Mag. 2	Mean	Remarks
151	17.5	17.0	17.2	
152	17.5	17.5	17.5	Neb?
153	17.0	17.0	17.0	
154	15.0	15.5	15.2	Stellar nucleus
155	17.5	17.5	17.5	
156	17.0	17.0	17.0	
157	17.0	17.0	17.0	
158	16.5	16.5	16.5	Neb?
159	17.0	17.0	17.0	
160	17.0	17.0	17.0	
161	17.5	17.5	17.5	
162	17.0	17.0	17.0	
163	17.5	17.5	17.5	Neb.?
164	17.0	16.5	16.7	
165	17.0	16.5	16.7	
166	16.5	16.5	16.5	
167	17.5	17.5	17.5	
168	17.5	17.0	17.2	
169	16.0	16.0	16.0	
170	16.0	16.0	16.0	
171	16.0	16.0	16.0	
172	16.5	16.5	16.5	
173	16.5	16.5	16.5	
174	17.0	17.0	17.0	
175	16.5	17.0	16.7	
176	16.5	16.5	16.5	
177	16.5	17.0	16.7	
178	16.5	17.0	16.7	
179	16.5	17.0	16.7	
180	17.0	17.0	17.0	

166-180

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1932phae.proj.2349M

16133

No.	Mag. 1	Mag. 2	Mean	Remarks
181	17.0	17.0	17.0	
182	16.5	17.0	16.7	
183	17.0	17.0	17.0	
184	17.0	17.5	17.2	
185	17.5	17.5	17.5	
186	17.0	17.0	17.0	
187	17.0	17.0	17.0	Neb:
188	17.5	17.5	17.5	
189	16.5	17.0	16.7	Neb?
190	~~17.0~~ 17.5	~~17.5~~ 17.5	17.5	
191	17.0	17.5	17.2	
192	17.5	17.5	17.5	Neb?
193	17.0	17.0	17.0	
194	17.5	17.5	17.5	
195	17.5	17.5	17.5	Neb.?
196	17.0	17.0	17.0	
197	17.5	17.5	17.5	
198	17.5	17.5	17.5	
199	16.5	17.0	16.7	Neb.?
200	17.0	17.0	17.0	
201	16.5	17.0	16.7	
202	17.5	17.5	17.5	
203	17.5	17.5	17.5	
204	17.5	17.5	17.5	
205	17.0	17.5	17.2	
206	17.5	17.0	17.2	
207	18.0	18.0	18.0	
208	16.5	17.0	16.7	
209	16.0	16.5	16.2	
210	18.0	18.0	18.0	

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1032phae.proj.2211M

16133

No.	Mag 1	Mag 2	Mean	Remarks
211	18.0	18.0	18.0	
212	16.5	16.5	16.5	
213	17.0	17.0	17.0	
214	17.0	17.5	17.2	
215	17.0	17.0	17.0	
216	16.5	16.5	16.5	
217	17.5	17.5	17.5	
218	16.5	17.0	16.7	
219	17.0	17.5	17.2	
220	17.0	17.5	17.2	
221	~~16.5~~ 17.0	17.5	17.2	
222	16.5	17.0	16.7	
223	17.5	17.5	17.5	
224	17.0	17.0	17.0	
225	17.0	17.5	17.2	
226	17.0	17.5	17.2	
227	16.5	17.0	16.7	Neb?
228	17.0	17.0	17.0	
229	17.5	17.5	17.5	
230	17.0	17.0	17.0	
231	17.5	18.0	17.7	
232	17.5	17.0	17.2	Neb.?
233	16.0	16.5	16.2	
234	17.0	17.0	17.0	
235	17.5	17.5	17.5	
236	17.5	18.0	17.7	
237	17.5	18.0	17.7	
238	17.5	17.5	17.5	
239	17.0	17.5	17.2	
240	17.5	17.5	17.5	

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1932phae.proj.2349M

16133

No	Mag 1	Mag 2	Mean	Remarks
241	18.0	18.0	18.0	
242	17.5	17.5	17.5	
243	17.5	17.5	17.5	
244	17.0	17.5	17.2	
245	~~16.5~~ 17.0	17.0	17.0	
246	17.5	18.0	17.7	
247	17.5	17.5	17.5	
248	18.0	17.5	17.7	
249	16.0	16.5	16.2	
250	~~16.5~~ 17.0	17.5	17.2	
251	16.5	17.0	16.7	
252	17.5	17.5	17.5	
253	17.0	17.0	17.0	
254	17.0	17.0	17.0	
255	17.5	17.5	17.5	
256	16.0	16.5	16.2	
257	17.0	17.0	17.0	
258	17.0	17.5	17.2	
259	16.5	16.5	16.5	
260	16.0	16.5	16.2	
261	16.0	16.0	16.0	
262	17.0	17.0	17.0	
263	17.0	17.5	17.2	
264	16.5	17.0	16.7	
265	17.5	18.0	17.7	
266	16.0	16.5	16.2	
267	17.0	17.0	17.0	
268	17.0	17.5	17.2	
269	17.0	17.0	17.0	
270	17.0	17.5	17.2	

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1932phae.proj.2e1M

16133

No.	Mag. 1	Mag 2	Mean	Remarks
271	16.0	16.0	16.0	
272	17.0	16.5	16.7	
273	17.0	17.0	17.0	
274	16.5	17.0	16.7	
275	16.0	16.0	16.0	
276	16.0	16.5	16.2	
277	16.5	17.0	16.7	
278	17.0	17.0	17.0	
279	16.0	16.5	16.2	
280	16.5	16.5	16.5	
281	17.5	17.5	17.5	
282	17.0	17.5	17.2	
283	17.0	17.0	17.0	
284	17.0	17.0	17.0	
285	17.5	17.5	17.5	
286	17.5	17.5	17.5	
287	17.5	17.5	17.5	
288	17.0	16.5	16.7	
289	17.5	17.5	17.5	
290	~~17.5~~ 16.5	16.5	16.5	Neb?
291	17.5	17.5	17.5	
292	17.0	17.0	17.0	
293	17.5	17.5	17.5	
294	17.5	17.5	17.5	
295	17.5	17.5	17.5	
296	17.0	17.5	17.2	
297	18.0	18.0	18.0	
298	17.5	18.0	17.7	
299	17.5	17.5	17.5	
300	17.5	17.0	17.2	

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1932phae.proj.2349M

16h33

No.	Mag. 1	Mag. 2	Mean	Remarks
301	17.0	17.0	17.0	
302	16.5	16.5	16.5	
303	17.5	17.0	17.2	
304	18.0	17.5	17.7	
305	18.0	17.5	17.7	
306	17.0	16.5	16.7	Neb?
307	17.5	17.5	17.5	
308	17.0	17.0	17.0	
309	17.0	17.5	17.2	
310	16.5	17.0	16.7	
311	17.5	17.5	17.5	
312	17.5	18.0	17.7	
313	16.5	17.0	16.7	
314	17.5	18.0	17.7	
315	17.0	17.5	17.2	
316	17.5	17.5	17.5	
317	17.5	17.5	17.5	Neb?
318	17.0	17.0	17.0	
319	17.5	17.5	17.5	Neb.?
320	17.0	17.0	17.0	
321	17.0	16.5	16.7	
322	17.5	17.5	17.5	
323	16.5	17.0	16.7	
324	16.0	16.0	16.0	
325	16.0	16.0	16.0	
326	17.0	17.0	17.0	
327	17.0	17.0	17.0	
328	17.0	17.5	17.2	
329	17.0	17.0	17.0	
330	17.5	18.0	17.7	

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1932phae.proj.2241M

16133

No.	Mag. 1	Mag 2	Mean	Remarks
331	16.5	17.0	16.7	
332	17.0	17.0	17.0	
333	17.0	17.5	17.2	
334	17.0	17.0	17.0	
335	17.5	17.5	17.5	
336	17.0	17.0	17.0	
337	17.0	16.5	16.7	
338	18.0	17.5	17.7	Neb?
339	16.0:	16.5:	16.2:	Star in contact
340	16.5	17.0	16.7	Neb.?
341	16.0	16.0	16.0	
342	17.5	17.5	17.5	
343	17.0	17.0	17.0	
344	17.5	17.0	17.2	
345	16.0	16.0	16.0	
346	17.0	17.0	17.0	
347	16.0	16.5	16.2	
348	16.5	16.5	16.5	
349	17.0	17.0	17.0	
350	17.0	17.0	17.0	
351	16.5	16.5	16.5	
352	17.5	17.0	17.2	
353	16.5	16.5	16.5	Neb?
354	16.5	16.5	16.5	Neb?
355	17.0	17.0	17.0	
356	17.0	17.0	17.0	
357	16.0	16.5	16.2	
358	16.0	16.5	16.2	
359	16.5	17.0	16.7	
360	17.0	17.5	17.2	

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16133

No	Mag 1	Mag 2	Mean	Remarks
361	16.5	16.0	16.2	
362	16.0	16.0	16.0	
363	16.0	16.5	16.2	
364	17.0	17.0	17.0	
365	17.0	17.0	17.0	
366	17.0	16.5	16.7	
367	16.0	16.0	16.0	
368	16.5	16.0	16.2	
369	17.0	16.5	16.7	
370	17.0	17.0	17.0	Neb?
371	17.0	17.0	17.0	
372	17.5	17.5	17.5	
373	16.5	16.5	16.5	
374	17.0	17.5	17.2	
375	17.0	17.5	17.2	
376	16.5	16.5	16.5	
377	16.5	17.0	16.7	
378	16.5	17.0	16.7	
379	17.5	17.5	17.5	
380	16.5	16.5	16.5	
381	17.0	17.0	17.0	Neb. ?
382	16.5	16.5	16.5	
383	16.5	17.0	16.7	
384	17.0	17.0	17.0	
385	17.0	17.5	17.2	
386	16.0	16.0	16.0	
387	17.0	17.5	17.2	
388	16.5	17.0	16.7	
389	17.0	17.5	17.2	
390	17.0	17.5	17.2	

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1932phar.proj.22M

16133

No.	Mag1	Mag2	Mean	Remarks
391	16.5	17.0	16.7	
392	17.5	17.5	17.5	Neb.?
393	17.5	17.0	17.2	
394	17.0	17.0	17.0	
395	16.5	16.5	16.5	
396	17.5	17.5	17.5	
397	17.5	17.0	17.2	
398	17.0	17.0	17.0	
399	17.0	17.0	17.0	
400	17.0:	17.0:	17.0:	Star very close
401	16.5	17.0	16.7	
402	17.0	17.0	17.0	
403	17.0	17.0	17.0	
404	16.5	17.0	16.7	
405	17.5	17.5	17.5	
406	17.0	17.5	17.2	
407	17.5	17.5	17.5	
408	18.0	17.5	17.7	
409	16.0	15.5	~~16~~ 15.7	
410	17.0	17.5	17.2	Neb.?
411	17.5	17.5	17.5	
412	17.5	17.5	17.5	
413	17.0	17.0	17.0	
414	17.0	17.0	17.0	
415	17.0	17.0	17.0	
416	17.5	17.5	17.5	
417	18.0	18.0	18.0	
418	17.0	17.5	17.2	
419	16.5	17.0	16.7	
420	16.5	17.0	16.7	

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1932phae.proj.234PM

16133

No.	Mag. 1	Mag. 2	Mean	Remarks
421	16.0	16.0	16.0	
422	17.0	17.0	17.0	
423	17.0	17.0	17.0	
424-448 424	17.5	17.5	17.5	Neb?
425	17.5	17.5	17.5	
426	17.0	17.0	17.0	
427	17.5	17.5	17.5	
428	17.5	17.0	17.4	
429	16.5	17.0	16.4	
430	17.0	17.5	17.4	Neb?
431	17.0	17.5	17.4	
432	17.5	17.5	17.5	
433	16.5	17.0	16.4	
434	16.5	16.5	16.5	
435	17.0	17.5	17.4	
436	15.5	15.5	15.5	
437	~~16.0~~ 17.0	17.0	17.0	
438	16.5	17.0	16.4	
439	17.0	17.0	17.0	
440	17.5	17.5	17.5	
441	17.0	17.0	17.0	Neb?
442	17.5	18.0	17.4	Neb.?
443	17.0	17.0	17.0	
444	17.5	17.0	17.4	
445	17.5	17.5	17.5	
446	16.5	17.0	16.4	
447	17.0	17.0	17.0	
448	~~16.5~~ 17.5	17.5	17.5	
449	~~16.0~~ 16.5	17.0	16.4	
450	17.0	17.5	17.4	

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1932phae.proj.2319M

16133

No.	Mag 1	Mag. 2	Mean	Remarks
451	17.5	17.5	17.5	
452	16.5	16.5	16.5	
453	16.5	17.0	16.7	
454	17.0	17.5	17.2	
455	17.5	18.0	17.7	
456	16.0	16.5	16.2	
457	17.5	17.5	17.5	
458	17.5	17.5	17.5	
459	17.5	17.5	17.5	
460	17.0	17.0	17.0	
461	17.5	17.5	17.5	
462	~~16.0~~ 16.5	17.0	16.7	
463	16.5	17.0	16.7	
464	16.5	17.0	16.7	
465	16.5	17.0	16.7	
466	16.5	17.0	16.7	
467	16.5	16.5	16.5	
468	16.0	16.5	16.2	
469	16.5	17.0	16.7	
470	16.5	17.0	16.7	
471	16.0	16.5	16.2	
472	17.0	17.5	17.2	
473	15.5	16.0	15.7	
474	17.5	17.5	17.5	
475	17.0	17.0	17.0	
476	16.0	16.0	16.0	
477	16.5	16.5	16.5	
478	17.5	17.5	17.5	
479	17.5	17.5	17.5	
480	17.5	17.0	17.2	

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1932phae.proj.2349M

16133

No.	Mag. 1	Mag. 2	Mean	Remarks
481	17.5	17.5	17.5	
482	17.5	17.5	17.5	
483	17.5	17.0	17.2	
484	17.5	18.0	17.7	
485	17.5	17.5	17.5	
486	16.5	17.0	16.7	
487	17.5	18.0	17.7	
488	18.0	18.0	18.0	
488a	16.0	16.5	16.2	
489	17.0	17.5	17.2	
490	17.0	17.0	17.0	
491	17.0	17.0	17.0	
492	17.0	16.5	16.7	
493	17.0	17.0	17.0	
494	17.5	17.5	17.5	Aveb.?
495	17.5	17.5	17.5	
496	17.5	17.5	17.5	
497	~~17.5~~ 16.5	16.5	16.5	In contact with double measured on 15296.
498	17.0	17.5	17.2	
499	17.0	17.5	17.5	
500	17.5	16.5	16.7	
501	17.5	17.5	17.5	
502	17.0	17.0	17.0	
503	17.0	16.5	16.7	
504	18.0	17.5	17.7	
505	~~17.5~~ 16.5	16.5	16.5	
506	17.5	17.0	17.2	
507	16.5	16.5	16.5	
508	17.0	17.0	17.0	
509	17.0	17.0	17.0	
510	17.5	17.0	17.2	

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1932phae.proj.2209M

16133

NO	Mag1	Mag2	Mean	Remarks
511	17.0	17.0	17.0	
512	17.0	17.0	17.0	
513	17.0	17.0	17.0	
514	17.5	17.5	17.5	
515	18.0	17.5	17.7	
516	17.5	17.0	17.2	
517	17.5	17.0	17.2	
518	16.0	16.0	16.0	
519	16.5	17.0	16.7	
520	16.5	16.5	16.5	
521	16.5	16.5	16.5	
522	17.0	17.5	17.2	
523	16.5	17.0	16.7	
524	17.5	17.5	17.5	
525	17.5	17.0	17.2	Neb.?
526	17.5	17.0	17.2	
527	17.0	16.5	16.7	
528	17.0	17.0	17.0	
529	16.5	16.5	16.5	
530	17.5	17.5	17.5	
531	17.0	17.0	17.0	
532	17.0	17.5	17.2	
533	17.0	16.5	16.7	
534	17.5	17.5	17.5	
535	16.5	16.5	16.5	
536	16.0	16.5	16.2	
537	16.5	16.5	16.5	
538	16.5	16.5	16.5	
539	17.0	17.5	17.2	
540	17.5	17.5	17.5	

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1932phae.proj.2349M

16133

No.	Mag. 1	Mag 2	Mean	Remarks
541	16.5	17.0	16.7	
542	17.0	17.0	17.0	
543	17.5	17.0	17.2	
544	16.5	16.5	16.5	
545	16.5	16.5	16.5	
546	17.0	17.0	17.0	
547	17.5	17.5	17.5	
548	16.0	16.0	16.0	
549	16.0	16.0	16.0	
550	17.0	17.0	17.0	
551	16.0	16.0	16.0	
552	17.0	17.0	17.0	
553	16.5	17.0	16.7	
554	16.5	16.5	16.5	
555	16.0	15.5	15.7	
556	16.5	17.0	16.7	
557	17.5	17.5	17.5	
558	17.5	17.5	17.5	
559	17.5	17.5	17.5	
560	17.0	17.5	17.2	
561	17.5	17.5	17.5	
562	17.0	17.5	17.2	
563	17.5	17.5	17.5	
564	16.5	17.0	16.7	
565	17.5	17.5	17.5	
566	16.5	16.5	16.5	
567	17.0	17.5	17.2	
568	17.0	17.0	17.0	
569	16.0	16.0	16.0	
570	16.0	16.0	16.0	

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1932phae.proj.2310M

16135

No.	Mag. 1	Mag 2	Mean	Remarks
571	16.5	16.5	16.5	
572	16.5	16.5	16.5	
573	15.5	16.0	15.7	
574	15.5	16.0	15.7	
575	16.0	16.5	16.2	
576	16.0	16.5	16.2	
577	16.0	16.5	16.2	Neb.?
578	17.0	17.0	17.0	
579	17.5	17.5	17.5	
580	17.0	17.0	17.0	
581	17.0	17.5	17.2	
582	17.0	17.5	17.2	
583	17.0	17.5	17.2	
584	17.0	17.5	17.2	
585	17.0	~~16.5~~ 17.5	17.2	
586	16.5	16.5	16.5	
587	16.0	16.0	16.0	
588	17.0	17.5	17.2	Neb.?
589	17.0	17.0	17.0	Neb.?
589a	16.5	16.5	16.5	
590	16.5	16.5	16.5	
591	~~16.0~~ 17.0	17.0	17.0	
592	17.0	17.5	17.2	
593	17.0	16.5	16.7	
594	~~16.0~~ 17.0	17.0	17.0	
595	~~16.5~~ 17.0	17.0	17.0	
596	16.0	16.5	16.2	
597	17.0	17.0	17.0	
598	16.5	17.0	16.7	
599	16.0	16.5	16.2	
600	16.5	17.0	16.7	

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1932phae.proj.2341M

16133

No	Mag 1	Mag 2	Mean	Remarks
601	17.5	17.0	17.2	
002	17.5	17.5	17.5	
603	16.5	17.0	16.7	
604	17.5	17.0	17.2	
605	17.0	17.5	17.2	
606	16.0	16.0	16.0	
607	17.5	17.5	17.5	
608	17.0	17.0	17.0	
609	16.5	17.0	16.7	
610	16.0	16.0	16.0	
611	16.0	16.5	16.2	
612	16.0	16.0	16.0	
613	15.5	16.0	15.7	
614	16.5	16.0	16.2	Neb. ?
615	17.0	16.5	16.7	
616	17.0	16.5	16.7	
617	16.0	16.0	16.0	Neb?
618	15.5	15.5	15.5	Neb. ?
619	15.5	15.5	15.5	
620	16.5	17.0	16.7	
621	17.0	17.0	17.0	
622	16.0	16.0	16.0	
623	17.0	17.0	17.0	
624	17.0	17.5	17.2	Neb :
625	17.0	17.5	17.2	Neb.?
626	17.0	17.0	17.0	
627	17.0	17.0	17.0	
628	17.0	17.5	17.2	
629	16.0	16.0	16.0	
630	17.5 ~~16.5~~	17.0	17.2	Neb.0.?? Neb ?

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1932phae.proj.2311M

16133

No.	Mag. 1	Mag. 2	Mean	Remarks
631	17.0	17.5	17.2	
632	17.0	17.0	17.0	
633	16.5	16.5	16.5	
634	17.0	17.5	17.2	
635	16.0	16.5	16.2	
636	17.0	17.0	17.0	Neb?
637	17.0	17.0	17.0	
638	17.5	17.5	17.5	
639	~~16.0~~ 17.0	16.5	16.7	
640	16.0	16.5	16.2	
641	16.5	17.0	16.7	
642	16.0	16.5	16.2	Neb ?
643	17.0	17.5	17.2	Neb. ?
644	16.0	16.5	16.2	
645	16.5	16.5	16.5	
646	16.5	16.5	16.5	
647	16.0	16.0	16.0	
648	16.0	16.0	16.0	
649	16.0	16.0	16.0	
650	17.5	17.5	17.5	
651	17.0	17.0	17.0	
652	16.5	17.0	16.7	
653	17.0	17.5	17.2	
654	~~16.5~~ 16.0	17.5	17.4	Neb?
655	16.0	16.5	16.2	
656	16.5	16.5	16.5	
N5247			11.9	
IC915	15.0	15.0	15.0	

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1932phae.proj.2341M

16133

no.	mag. 1	mag. 2	mean	Remarks
I920	14.5	15.0	14.7	
924	15.0	15.5	15.2	
927	15.5	15.0	15.2	
4354	15.5	16.0	15.7	

From A15296 : green circled, numbered in blue : All inside 9□° :

Corr. nos.				
103	1	17.5	17.5	17.5
102	2	17.5	17.5	17.5
106	3	16.0	16.0	16.0
105	4	16.5	17.0	16.7
108	5	16.0	16.0	16.0
109	6	17.0	17.0	17.0
107	7	16.0	16.5	16.2
99	8	15.5	16.0	15.7
98	9	16.0	16.5	16.2
97	10	16.0	16.5	16.2
96	11	16.5	17.0	16.7
70	12	16.5	16.5	16.5
68	13	17.0	17.5	17.2
64	14	16.0	16.5	16.2
63	15	15.5	16.0	15.7
37	16	16.0	16.0	16.0
36	17	16.0	16.5	16.2
34	18	16.5	16.0	16.2
33	19	17.0	17.5	17.2
124	20	16.5	16.5	16.5
125	21	16.0	16.0	16.0
30	22	16.5	16.0	16.2
29	23	~~16~~ 17.0	16.5	16.7
28	24	16.5	17.0	16.7
24	25	16.5	16.5	16.5
13	26	16.5	16.5	16.5
23	27	16.0	16.0	16.0
22	28	16.0	16.0	16.0
21	29	17.0	17.5	17.2
131	30	16.0	16.0	16.0
132	31	15.5	16.0	15.7
127	32	16.0	16.0	16.0
126	33	16.5	16.5	16.5
129	34	16.5	16.5	16.5
154	35	16.5	16.5	16.5
154	35a	16.5	16.5	16.5
161	36	16.5	16.0	16.2
162	37	17.0	17.0	17.0
163	38	16.5	16.5	16.5
164	39	17.5	17.5	17.5
178	40	16.5	17.0	16.7
179	41	17.5	17.5	17.5
182	42	16.0	16.0	16.0
181	43	16.0	16.0	16.0
180	44	16.0	16.0	16.0
111	45	17.5	17.5	17.5
115	46	16.0	16.0	16.0
116	47	17.0	17.5	17.2
118	48	15.5	16.0	15.7
120	49	16.5	16.5	16.5
113	50	17.5	17.5	17.5
123	51	17.0	17.0	17.0
122	52	16.0	16.0	16.0

Attached to star (32=127)
F.S.B (34=129)

F.S.B (39=164)

F.S.B (48=118)
Spindle F.S.B 49=120)

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1932phtae.proj.2310M

15842

No.	mag. 1	mag. 2	mean	Remarks
1-17 1	15.5	16.0	15.7	
outside 2	15.5	16.0	15.7	
90° 3	16.5	16.5	16.5	
4	17.0	17.0	17.0	Neb.?
5	17.0	17.5	17.2	
6	16.5	16.5	16.5	
7	17.5	17.0	17.2	
8	16.0	16.0	16.0	
9	17.5	17.0	17.2	
10	17.5	17.0	17.2	
11	17.0	16.5	16.7	
12	17.0	17.5	17.2	
13	17.0	16.5	16.7	
14	16.5	16.0	16.2	
15	16.5	16.0	16.2	Neb?
16	16.5	16.5	16.5	
17	17.0	16.5	16.7	
18	17.0	16.5	16.7	
19	16.5	16.0	16.2	
20	15.5	15.5	15.5	
21	17.0	16.5	16.7	
22	16.0	16.0	16.0	
23	17.0	17.0	17.0	Neb.?
24	16.5	16.5	16.5	Neb?
25	17.5	17.5	17.5	
26	17.0	16.5	16.7	
27	17.0	16.5	16.7	
28	17.5	17.0	17.2	
29	15.5	15.5	15.5	
30	17.5	17.5	17.5	

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1932phae.proj.2341M

15842

No.	mag. 1	mag. 2	mean	Remarks
31	16.5	16.5	16.5	
32	16.5	16.5	16.5	
33	17.5	17.5	17.5	
34	17.0	16.5	16.7	Neb.?
35	17.0	17.5	17.2	Neb?
36	17.0	17.5	17.2	Neb?
37	17.5	17.5	17.5	
38	17.0	16.5	16.7	
39	16.5	16.0	16.2	
40	16.5	16.0	16.2	
41	17.0	16.5	16.7	Neb?
42	~~17.5~~ 17.0	16.5	16.7	Neb?
43	17.0	17.0	17.0	Neb?
44	15.5:	15.5:	15.5:	Very elongated. Faint surface brightness.
45	17.0	16.5	16.7	
46	17.5	17.0	17.2	
47	16.5	16.5	16.5	
48	17.0	17.5	17.2	
49	17.0	17.5	17.2	
50	~~16.5~~ 17.0	17.0	17.0	
51	17.0	16.5	16.7	
52	17.0	17.5	17.2	
53	16.5	16.0	16.2	
54	17.5	18.0	17.7	Neb?
55	16.5	16.5	16.5	Neb?
56	17.0	17.0	17.0	
57	16.0	16.0	16.0	Neb.?
58	17.5	17.5	17.5	
59	17.0	17.0	17.0	
60	17.5	17.0	17.2	

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1932phot.proj.231M

1584 2

No.	mag. 1	mag. 2	mean	Remarks
01	17.5	17.5	17.5	
02	17.0	16.5	16.7	
03	16.0	15.5	15.7	
04	16.5	16.5	16.5	
05	17.0	17.0	17.0	
IC 1106 06	16.5	16.0	16.2	Failed to identify before doing maps.
07	17.0	17.5	17.2	
08	16.0	16.0	16.0	
09	15.5	15.5	15.5	
10	16.5	16.0	16.2	
11	16.5	16.0	16.2	
12	16.5	16.0	16.2	
13	17.0	17.0	17.0	
14	16.0	16.5	16.2	
15	16.0	16.0	16.0	
16	17.0	17.0	17.0	
17	17.0	17.0	17.0	Neb.?
18	17.5	17.5	17.5	
19	16.5	16.0	16.2	
20	17.0	17.0	17.0	
21	17.5	17.5	17.5	
22	16.0	15.5	15.7	
23	17.5	17.0	17.2	Neb.?
24	17.0	17.5	17.2	
25	17.5	17.0	17.2	Neb.?
26	16.5	16.5	16.5	
27	17.0	17.0	17.0	
28	17.5	17.5	17.5	
29	18.0	16.0	16.0	
30	16.0	16.0	16.0	

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1932phae.proj.2349M

1842

No.	mag. 1	mag. 2	mean	Remarks.
91	16.0	16.0	16.0	Neb.?
92	17.5	17.0	17.2	Neb?
93	17.5	17.5	17.5	
94	17.5	17.0	17.2	
95	15.5	16.0	15.7	
96	15.0	15.5	15.2	
97	14.5	15.0	14.7	
98	16.5	16.0	16.2	
99	16.0	16.0	16.0	
100	16.5	16.5	16.5	
101	15.5	15.0	15.2	
102	16.5	16.0	16.2	
103	16.5	16.0	16.2	
104	16.5	16.5	16.5	Neb.?
105	17.0	17.0	17.0	Neb?
106	16.5	16.0	16.2	
107	17.5	17.0	17.2	Neb?
108	17.0	17.0	17.0	
109	17.5	17.0	17.2	
110	~~17.5~~ 16.5	17.5	17.5	
111	~~17.0~~	16.0	16.2	
112	17.0	17.0	17.0	
113	17.0	17.5	17.2	
114	17.0	17.0	17.0	Neb.?
115	17.5	17.0	17.2	
116	17.5	17.5	17.5	
117	16.5	16.0	16.2	
118	15.5	15.5	15.5	
119	17.0	17.0	17.0	
120	17.5	17.5	17.5	

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1932phot.proj.2343M

158 K2

No.	mag. 1	mag. 2	mean	Remarks
121	16.0	16.5	16.2	
122	17.0	16.5	16.7	Neb?
123	17.0	17.0	17.0	
124	16.0	16.0	16.0	
125	15.5	16.0	15.7	
126	16.0	16.0	16.0	
127	15.5	16.0	15.7	Neb?
128	16.5	16.0	16.2	
129	16.5	16.0	16.2	Neb?
130	16.5	16.0	16.2	
131	16.5	16.5	16.5	
132	16.5	16.5	16.5	
133	16.5	16.5	16.5	
134	16.0	16.0	16.0	
135	16.0	16.0	16.0	
136	16.5	17.0	16.7	
137	16.5	17.0	16.7	Neb?
138	16.0	16.5	16.2	Neb?
139	16.0	16.0	16.0	
140	15.5	15.5	15.5	
141	15.5	15.5	15.5	
142	16.0	16.0	16.0	
143	17.0	16.5	16.7	Neb?
144	16.5	16.0	16.2	
145	17.0	16.5	16.7	
146	16.5	16.5	16.5	Neb?
147	15.5	15.5	15.5	
148	15.5	15.5	15.5	
149	16.0	16.5	16.2	
150	16.0	15.5	15.7	

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1932phae.proj.234M

15872

No.	mag. 1	mag. 2	mean	Remarks
151	16.5	16.0	16.0	
152	~~16.5~~ 16.0	16.0	16.0	
153	15.5	15.5	15.5	
154	16.0	16.0	16.0	
155	15.0	15.0	15.0	
156	15.5	15.0	15.2	
157	15.5	15.0	15.2	
158	15.5	15.0	15.2	
159	16.0	16.0	16.0	
160	16.0	15.5	15.7	
161	15.0	15.0	15.0	
162	~~16.0~~ 15.5	15.5	15.5	
~~Hi~~				
N 1507			12.9AA.	
1541	15.5	15.5	15.5	
I 363	15.5	15.5	15.5	Neb ?

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1022phot.proj.231M

16160 means PLM

No.	Mag. 1	Mag. 2	Mean	Remarks
1-117 outside 90° 1	16.5	16.5	16.5	
2	16.0	16.5	16.2	
3	16.0	16.5	16.2	
4	17.0	17.0	17.0	
5	17.5	17.5	17.5	
6	16.5	16.5	16.5	
7	16.0	15.5	15.7	
8	16.0	15.5	15.7	
9	16.5	16.5	16.5	
10	16.5	16.5	16.5	
11	16.5	16.5	16.5	
12	16.5	16.5	16.5	
13	16.0	16.0	16.0	
14	16.0	16.0	16.0	
15	17.0	17.0	17.0	
16	16.5	16.5	16.5	
17	16.5	16.5	16.5	
18	17.0	17.0	17.0	
19	17.0	16.5	16.7	
20	16.5	16.5	16.5	
21	17.0	17.0	17.0	
22	17.0	16.5	16.7	
23	17.0	17.0	17.0	
24	17.5	17.5	17.5	Neb?
25	16.5	16.5	16.5	
26	17.5	17.5	17.5	Neb?
27	17.0	17.0	17.0	
28	17.5	17.5	17.5	
29	16.0	16.0	16.0	
30	16.5	16.5	16.5	

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1932phae.proj.2349M

16160

No.	mag. 1	mag. 2	mean	Remarks.
31	16.5	16.5	16.5	
32	17.0	17.0	17.0	
33	16.0	16.0	16.0	
34	16.0	16.5	16.2	
35	16.5	16.5	16.5	
36	16.5	16.5	16.5	
37	16.0	16.0	16.0	
38	16.0	16.0	16.0	
39	17.0	16.5	16.7	
40	17.0	16.5	16.7	
41	17.5	17.5	17.5	Neb?
42	17.5	17.0	17.2	Neb?
43	16.0	16.0	16.0	
44	16.5	16.5	16.5	
45	17.0	17.0	17.0	
46	16.0	15.5	15.7	
47	~~16.5~~ 17.0	17.0	17.0	
48	17.0	16.5	16.7	
49	17.5	17.0	17.2	
50	16.5	17.0	16.7	
51	16.5	16.5	16.5	
52	15.5	15.5	15.5	
53	16.5	16.5	16.5	
54	16.0	16.0	16.0	
55	16.0	16.0	16.0	
56	15.5	16.0	15.7	
57	17.0	17.0	17.0	
58	16.0	16.0	16.0	
59	16.5	16.5	16.5	
60	16.5	17.0	16.7	

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1992phae.proj.2403M

16160

No.	Mag. 1	Mag. 2	Mean	Remarks
61	16.5	17.0	16.7	
62	16.0	16.0	16.0	
63	15.5	15.5	15.5	Neb?
64	16.0	15.5	15.7	Neb?
65	16.0	15.5	15.7	
66	15.5	15.5	15.5	
67	15.5	15.5	15.5	
68	15.5:	16.0:	15.7:	Star in contact
69	16.0:	16.5:	16.2:	" " "
70	16.5	16.0	16.2	
71	16.5	16.5	16.5	
72	16.0	16.0	16.0	
73	16.5	16.0	16.2	
74	16.5	16.5	16.5	
75	16.5	16.5	16.5	
76	17.0	17.0	17.0	
77	16.0	15.5	15.7	
78	15.5	15.0	15.2	
79	17.0	17.0	17.0	
80	16.5	16.5	16.5	
81	17.0	17.0	17.0	
82	17.0	17.0	17.0	
83	17.0	17.0	17.0	
84	17.5	17.5	17.5	
85	17.5	17.5	17.5	
86	17.0	17.0	17.5	
87	16.5	16.5	16.5	
88	17.0	16.5	16.7	
89	17.5	17.0	17.2	
90	17.0	17.0	17.0	

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1932phae.proj.234M

 16160

No.	Mag. 1	Mag. 2	Mean	Remarks.
91	15.5	15.5	15.5	
92	16.5	17.0	16.7	
93	16.5	17.0	16.7	
94	17.0	17.0	17.0	
95	16.0	16.0	16.0	
96	16.5	16.5	16.5	
97	16.0	16.5	16.2	
98	16.0	16.0	16.0	
99	17.0	17.5	17.2	
100	16.0	16.5	16.2	
101	16.5	16.5	16.5	
102	17.0	17.0	17.0	
103	17.0	16.5	16.7	
104	16.5	16.0	16.2	
105	16.0	16.0	16.0	
106	17.0	17.0	17.0	
107	17.0	17.0	17.0	
108	16.0	16.0	16.0	Neb?
109	16.5	16.0	16.2	
110	17.0	17.5	17.2	
111	16.0	16.5	16.2	
112	16.5	16.5	16.5	
113	16.0	16.0	16.0	
114	16.0	16.0	16.0	
115	17.0	17.0	17.0	
116	17.0	17.5	17.2	
117	17.0	17.0	17.0	
118	17.0	17.0	17.0	
119	17.5	17.5	17.5	
120	16.5	16.5	16.5	

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1932phae.proj.2241M

16160

No.	Mag. 1	Mag. 2	Mean	Remarks
121	17.5	17.0	17.2	
122	17.0	17.0	17.0	
123	17.0	17.0	17.0	
124	17.0	17.0	17.0	
125	16.5	16.5	16.5	
126	17.0	16.5	16.7	
127	16.5	16.5	16.5	Neb?
128	17.5	17.5	17.5	Neb?
129	17.0	16.5	16.7	
130	17.0	16.5	16.7	
131	17.5	17.5	17.5	
132	17.0	17.0	17.0	
133	16.5	17.0	16.7	
134	16.0	16.5	16.2	
135	17.0	17.5	17.2	
136	16.5	16.5	16.5	
137	16.5	16.5	16.5	
138	16.5	17.0	16.7	
139	16.5	16.5	16.5	
140	17.0	17.0	17.0	
141	17.0	17.0	17.0	
142	16.5	16.5	16.5	
143	17.0	17.0	17.0	
144	16.0	16.0	16.0	
145	16.5	16.5	16.5	
146	15.5	15.5	15.5	
147	17.0	17.0	17.0	
148	16.0	16.5	~~16.2~~ 16.0	Star. Part.
149	16.0	16.0	16.0	
150	16.5	17.0	16.7	

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1932phae.proj.2349M

 16160

No.	mag.1	mag.2	mean	Remarks
151	16.5	16.5	16.5	
152	17.0	17.0	17.0	
153	17.0	17.0	17.0	
154	16.5	17.0	16.7	
155	16.5	17.0	16.7	
156	17.0	17.0	17.0	
157	16.5	17.0	16.7	
158	17.0	16.5	16.7	
159	16.0	16.0	16.0	
160	15.5	15.5	15.5	
161	16.0	16.0	16.0	Neb?
162	16.0	15.5	15.7	
163	17.0	17.0	17.0	
163a	15.0	15.0	15.0	
164	17.0	17.0	17.0	
165	17.5	17.0	17.2	
166	16.5	17.0	16.7	
167	16.0	16.0	16.0	
168	16.0	16.0	16.0	
169	16.5	16.0	16.2	
170	17.0	17.0	17.0	
171	17.5	17.0	17.2	
172	15.5	15.5	15.5	
173	17.0	16.5	16.7	Neb?
174	17.5	17.0	17.2	
175	16.5	16.5	16.5	Neb?
176	16.5	16.5	16.5	
177	17.0	17.0	17.0	
178	16.5	16.5	16.5	
179	17.0	17.0	17.0	
180	17.0	17.0	17.0	

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1932phae.proj.2341M

16/60

No.	Mag. 1	Mag. 2	Mean	Remarks
181	17.5	17.0	17.2	
182	16.5	16.5	16.5	
183	16.5	16.0	16.2	
184	16.5	16.5	16.5	
185	16.5	16.5	16.5	
186	16.5	16.0	16.2	
187	16.5	16.5	16.5	
188	16.5	16.5	16.5	Neb?
189	16.5	16.5	16.5	
190	16.5	16.5	16.5	
191	15.5	15.5	15.5	
192	17.0	17.5	17.2	
193	17.0	17.5	17.2	
194	16.0	16.0	16.0	
195	15.5	16.0	15.7	
196	16.0	16.0	16.0	
197	17.0	16.5	16.7	Neb?
198	17.0	17.0	17.0	
199	17.5	17.5	17.5	
200	16.5	16.5	16.5	
201	16.0	16.0	16.0	
202	17.5	~~17~~ 17.0	17.2	
203	16.0	16.0	16.0	
204	17.0	17.0	17.0	
205	16.5	17.0	16.7	
206	17.5	17.5	17.5	
207	16.5	17.0	16.7	Neb?
208	17.0	16.5	16.7	
209	17.0	17.0	17.0	
210	17.5	17.0	17.2	

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1932phae.proj.234M

 16160

No.	mag. 1	mag. 2	mean	Remarks
211	16.5	17.0	16.7	
212	~~16.0~~ 17.0	17.0	~~16~~ 17.0	
213	~~13.0~~	—	—	= N5684
214	17.5	17.5	17.5	
215	16.5	16.0	16.5	
216	17.0	17.0	17.0	
217	17.5	17.5	17.5	Neb?
218	16.5	17.0	16.7	
219	16.0	16.0	16.0	
220	16.0	16.0	16.0	
221	17.0	17.0	17.0	
222	16.5	17.0	16.7	Neb??
223	17.0	17.0	17.0	
224	17.0	17.0	17.0	
225	17.5	17.5	17.5	
226	16.5	16.5	16.5	
227 -245-	17.5	17.5	17.5	
228	16.0	16.5	16.2	
229	17.0	17.0	17.0	
230	17.0	17.0	17.0	
231	16.0	16.0	16.0	
232	16.0	16.0	16.0	
233	16.5	17.0	16.7	
234	15.5	16.0	15.7	
235	16.5	17.0	16.7	
236	16.5	17.0	16.7	
237	15.5	16.0	15.7	
238	16.0	16.5	16.2	
239	16.0	16.5	16.2	
240	16.5	17.0	16.7	

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1932phae.proj.2240M

16160

No.	Mag. 1	Mag. 0	Mean	Remarks
241	17.0	17.5	17.4	
242	16.0	16.0	16.0	
243	17.0	17.5	17.2	
244	17.0	17.5	17.2	
245	17.0	17.0	17.0	
246	17.0	17.0	17.0	
247	17.0	17.0	17.0	Neb?
248	16.5	17.0	16.7	
249	16.5	16.5	16.5	
250	17.0	17.0	17.0	
251	17.0	17.0	17.0	Neb??
252	17.0	17.5	17.2	
253	16.5	16.5	16.5	
254	16.0:	16.5:	16.2:	Star in contact
255	16.0	16.5	16.2:	
256	16.5	17.0	16.7:	
257	16.5	16.5	16.5	
258	17.0	17.5	17.2	Neb?
259	16.0	16.0	16.0	
260	17.0	17.0	17.0	
261	16.0	16.0	16.0	
262	15.5	15.5	15.5	Ring nebula
263	16.0	~~15.5~~ 16.0	16.0	
264	15.0	15.5	15.2	
265	17.0	17.0	17.0	
266	17.0	17.0	17.0	
267	16.5	17.0	16.7	
268	17.0	17.5	17.2	
269	16.5	17.0	16.7	
270	17.5	17.5	17.5	

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1932phae.proj.2341M

16160

no.	mag. 1	mag. 2	mean	Remarks
271	16.0	16.0	16.0	
272	16.0	16.5	16.2	
273	15.5	15.5	15.5	
274	16.0	16.0	16.0	
275	17.5	17.0	17.2	
276	17.5	17.5	17.5	
277	15.5	16.0	15.7	
278	16.0	16.5	16.2	
279	17.0	17.5	17.2	
280	17.0	17.0	17.0	
281	17.0	17.5	17.2	
282	17.5	17.5	17.5	
283	17.5	17.5	17.5	
284	17.5	17.5	17.5	
285	17.5	17.5	17.5	
286	17.0	17.5	17.2	
287	17.0	17.5	17.2	
288	17.5	17.5	17.5	
289	17.0	17.0	17.0	
290	17.0	17.0	17.0	
291	16.5	17.0	16.7	
292	15.0	15.0	15.0	In nebulosity of N5846
293	not nebula			
294	16.0	16.5	16.2	
295	16.0	16.5	16.2	
296	16.5	17.0	16.7	
297	17.0	17.5	17.2	
298	17.5	17.5	17.5	Neb?
299	17.0	17.0	17.0	
300	17.0	17.0	17.0	

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1992phae.proj.291M

16160

No.	Mag. 1	Mag. 2	Mean	Remarks
301	17.5	17.0	17.2	
302	15.5	16.0	15.7	
303	~~16.0~~ 17.0	17.0	~~16~~ 17.0	
304	17.0	17.5	17.2	
305	17.0	17.5	17.2	
306	17.0	17.0	17.0	
307	17.5	17.5	17.5	
308	16.0	16.5	16.2	
309	16.0	16.5	16.2	
310	16.5	17.0	~~16.2~~ 16.7	×
311	17.0	17.0	17.0	
312	17.5	17.5	17.5	
313	16.0	16.5	16.2	
314	16.5	17.0	16.7	
315	17.5	17.5	17.5	Neb?
316	16.5	16.5	16.5	
317	17.0	17.0	17.0	
318	16.5	17.0	16.7	
319	16.0	16.5	16.2	
320	15.5	16.0	15.7	
321	17.0	17.0	17.0	
322	17.0	17.5	17.2	
323	17.5	17.5	17.5	Neb?
324	16.0	16.0	16.0	
325	17.0	17.0	17.0	
326	17.0	17.0	17.0	
327	16.0	16.0	16.0	
328	16.0	16.0	16.0	
329	17.5	17.0	17.2	
330	17.0	17.0	17.0	

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1932phae.proj.2341M

16160

no.	mag. 1	mag. 2	mean	Remarks
331	16.0	16.5	16.2	
332	17.0	17.0	17.0	
333	16.0	16.5	16.2	
334	16.5	16.5	16.5	
335	15.5	15.5	15.5	
336	17.0	17.0	17.0	
337	17.5	17.5	17.5	
338	16.5	16.5	16.5	
339	17.5	17.0	17.2	
340	16.0	16.5	16.2	
341	16.0	16.5	16.2	
342	16.5	17.0	16.7	
343	17.0	16.5	16.7	
344	17.0	17.0	17.0	
345	17.5	17.0	17.2	
346	17.0	17.5	17.2	
347	16.0	16.5	16.2	
348	16.5	17.0	16.7	
349	17.0	16.5	16.7	
350	16.5	17.0	16.7	
351	15.5	16.0	15.7	
352	16.5	17.0	16.7	
353	16.5	17.0	16.7	
354	16.0	16.5	16.2	
355	17.0	17.0	17.0	
356	16.5	17.0	16.7	
357	15.5	15.5	15.5	
358	17.0	17.5	17.2	
359	16.0	16.0	16.0	
360	15.5	15.5	15.5	

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1992phae.proj.231M

16160

No.	Mag. 1	Mag. 2	Mean	Remarks
361	17.0	17.0	17.0	
362	17.5	17.5	17.5	Neb?
363	17.5	17.5	17.5	
364	16.5	16.0	16.2	
365	17.0	17.0	17.0	
366	17.5	17.5	17.5	
367	17.5	17.5	17.5	
368	16.5	16.5	16.5	
369	17.5	17.0	17.2	
370	16.0	15.5	15.7	
371	17.5	17.5	17.5	
372	16.0	16.0	16.0	
373	17.5	17.5	17.5	
374	16.5	16.5	16.5	
375	16.0	16.0	16.0	
376	16.5	16.5	16.5	
377	16.5	17.0	16.7	
378	16.0	16.0	16.0	
379	17.0	17.0	17.0	Neb?
380	17.5	17.5	17.5	
381	16.5	16.5	16.5	
382	15.5	15.5	15.5	
383	17.0	17.5	17.2	
384	17.0	17.5	17.2	
385	17.0	17.0	17.0	
386	17.0	17.5	17.2	
387	17.0	17.0	17.0	
388	17.5	17.5	17.5	Neb?
389	16.5:	17.0:	16.7:	Star in contact. Neb?
390	17.5	17.5	17.5	Neb?

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1932phae.proj.2349M

 16160

No.	mag. 1	mag. 2	mean	Remarks.
391	17.0	17.0	17.0	
392	17.0	17.0	17.0	
393	17.0	17.5	17.2	
394	16.0	16.0	16.0	
395	17.0	16.5	16.7	
396	17.0	17.0	17.0	
397	17.5	17.5	17.5	
398	15.5	16.0	15.7	
399	~~15.0~~ 15.5	15.5	15.5	
400	16.5	17.0	16.7	
401	17.0	17.5	17.2	
402	16.0	16.0	16.0	
403	16.0	16.0	16.0	
404	17.0	17.0	17.0	
405	17.5	17.0	17.2	Neb?
406	17.0	17.5	17.2	
407	17.0	17.0	17.0	
408	17.0	17.0	17.0	Neb?
409	17.0	17.0	17.0	
410	17.5	17.5	17.5	
411	17.0	17.0	17.0	
412	17.0	16.5	16.7	Neb?
413	16.5	16.5	16.5	
414	16.5	17.0	16.7	
415	17.0	17.0	17.0	
416	17.0	17.0	17.0	
417	17.0	17.5	17.2	
418	16.0	16.0	16.0	
419	16.5	17.0	16.7	Neb?
420	16.0	16.0	16.0	

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1932phae.proj.2317M

16160

No.	mag. 1	mag. 2	mean	Remarks
421	17.0	17.0	17.0	
422	16.5	17.0	16.7	
423	16.0	16.5	16.2	
424	16.5	17.0	16.7	
425	16.5	16.5	16.5	
426	15.5	15.5	15.5	
427	17.0	17.0	17.0	
428	17.0	17.0	17.0	
429	17.0	17.0	17.0	
430	16.0	16.5	16.2	
431	16.5	17.0	16.7	
432	16.0	16.0	16.0	Nebula ???
433	16.0	16.0	16.0	
434	17.5	17.0	17.2	
435	16.0	16.5	16.2	
436	16.0	16.0	16.0	
437	17.0	17.0	17.0	
438	16.0	16.5	16.2	
439	17.0	17.0	17.0	
440	16.5	16.5	16.5	Neb?
441	16.5	16.5	16.5	
442	17.0	17.0	17.0	
443	17.0	17.0	17.0	
444	17.5	17.5	17.5	
445	17.0	17.5	17.2	
446	16.5	17.0	16.7	
447	17.0	17.0	17.0	
448	17.0	17.0	17.0	
449	16.5	17.0	16.7	Neb ?
450	16.5	16.5	16.5	

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1932phae.proj.2349M

16160

No.	mag. 1	mag. 2	mean	Remarks.
451	16.5	16.5	16.5	
452	16.0	16.5	16.2	
453	17.0	17.5	17.2	
454	17.0	17.5	17.2	
455	16.0	16.0	16.0	
456	16.0	16.0	16.0	
457	16.5	17.0	16.7	
458	16.0:	16.5:	16.2:	star in center
459	16.0	16.5	16.2	
460	17.0	17.0	17.0	
461	16.0	16.5	16.2	
462	17.0	17.5	17.2	
463	15.5	15.5	15.5	
464	16.0	16.0	16.0	
465	17.0	17.5	17.2	Neb?
466	17.0	17.0	17.0	
467	16.5	16.5	16.5	
468	16.5	16.5	16.5	
469	16.5	16.5	16.5	
470	15.5	16.0	15.7	Neb?
471	16.0	16.5	16.2	Neb?
472	16.5	16.0	16.2	
473	17.0	17.0	17.0	
474	17.0	17.0	17.0	
475	16.0	16.5	16.2	
476	17.0	17.0	17.0	
477	17.0	17.0	17.0	
478	17.0	17.5	17.2	
479	16.5	16.5	16.5	
480	17.0	17.5	17.2	

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16160

No.	mag. 1	mag. 2	mean	Remarks
481	17.5	17.0	17.2	Veh ?
482	17.5	17.0	17.2	
483	15.5	15.0	15.2	
484	17.5	17.5	17.5	
485	17.0	16.5	16.7	
486	16.0	16.0	16.0	
487	16.5	16.5	16.5	
488	17.5	17.0	17.2	
489	17.5	17.0 17.0	17.2	
490	17.0	~~16.0~~	17.0	
491	16.0	16.0	16.0	
492	16.5	16.0	16.2	
493	16.0	15.5	15.7	
494	16.5	17.0	16.7	
495	15.5	16.0	15.7	
496	16.5	17.0	16.7	
497	17.5	17.5	17.5	
498	17.0	17.0	17.0	
499	17.5	17.5	17.5	
500	16.5	16.5	16.5	
501	16.0	16.0	16.0	
502	16.0	16.0	16.0	
503	15.5	15.5	15.5	
504	17.0	17.0	17.0	
505	17.0	17.5	17.2	
506	17.5	17.5	17.5	
507	17.0	17.5	17.2	
508	17.0	17.0	17.0	
509	17.0	17.0	17.0	
510	17.0	17.0	17.0	

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1932phae.proj.2349M

16160

511-583

No.	mag. 1	mag. 2	mean	Remarks
511	15.5	15.5	15.5	Neb?
512	16.0	16.0	16.0	
513	15.5	16.5	15.5	
514	17.0	17.0	17.0	
515	16.0	16.0	16.0	
516	16.0	16.0	16.0	
517	16.5	16.5	16.5	
518	16.0	16.0	16.0	
519	16.0	15.5	15.7	
520	17.5	17.0	17.2	
521	16.0	16.0	16.0	
522	17.0	17.0	17.0	
523	16.0	16.0	16.0	
524	17.5	17.5	17.5	
525	17.5	17.0	17.2	
526	17.5	17.5	17.5	
527	17.0	16.5	16.7	
528	17.0	17.0	17.0	Neb?
529	17.0	17.0	17.0	
530	17.0	17.0	17.0	
531	17.0	17.5	17.2	
532	16.0	16.0	16.0	
533	17.0	16.5	16.7	
534	16.0	16.0	16.0	
535	17.0	17.0	17.0	
536	17.5	17.5	17.5	Neb?
537	17.0	17.0	17.0	
538	17.0	16.5	16.7	
539	17.5	17.0	17.2	
540	17.0	17.0	17.0	

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1932phae.proj.2349M

16160

No.	Mag. 1	Mag. 2	Mean	Remarks
541	16.0	16.0	16.0	
542	17.0	17.0	17.0	
543	15.5	15.5	15.5	
544	16.5	16.0	16.2	
545	16.0	16.5	16.2	
546	17.0	17.5	17.2	
547	17.5	17.5	17.5	
548	17.0	17.0	17.0	
549	17.0	17.5	17.2	
550	16.5	17.0	16.7	
IC1072 ~~551~~	15.5	16.0	15.7	Failed to identify before doing mags
IC1071 ~~552~~	15.0	15.5	15.2	" " " " " "
553	15.5	16.0	15.7	
554	15.0	15.5	15.2	
555	17.0	16.5	16.7	Neb?
556	16.5	16.5	16.5	Neb?
557	16.5	16.5	16.5	
558	16.5	17.0	16.7	
559	17.0	17.0	17.0	
560	16.0	16.5	16.2	
561	16.0	16.5	16.2	
562	16.5	17.0	16.7	
563	15.5	15.5	15.5	
564	16.0	16.0	16.0	
565	16.0	16.0	16.0	
IC1064 ~~566~~	15.0	15.5	15.2	Failed to identify before doing mags.
567	16.0	16.0	16.0	
568	16.0	16.5	16.2	
569	16.0	16.5	16.2	
570	16.5	16.5	16.5	

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1932phae.proj.2341M

140 16160

No.	Mag. 1	Mag. 2	Mean	Remarks.
571	16.0	16.5	16.2	
572	16.5	16.5	16.5	Neb?
573	16.5	16.5	16.5	
574	15.5	16.0	15.7	
575	16.5	16.5	16.5	
576	16.5	17.0	16.7	
577	16.5	16.5	16.5	
578	16.0	16.0	16.0	
579	16.0	16.5	16.2	
580	16.0	16.0	16.0	
581	16.0	16.0	16.0	
582	16.0	16.0	16.0	
583	16.0	16.0	16.0	
N 5770	14.0	14.0	14.0	
5774	14.5	14.5	14.5	
5775			12.4 (A.A.)	
5776	14.5	15.0	14.7	
5806			12.5 (A.A.)	
5811	15.0	15.0	15.0	
5813			12.2 (A.A.)	
5814	14.5	14.5	14.5	
5831			12.7 (A.A.)	
5838			12.1 (A.A.)	
5839	14.5	14.5	14.5	
5845	~~14.0~~ 13.5	13.5	13.5	
5846			11.6 (A.A.)	
5848	14.5	14.5	14.5	
5850			12.9 (A.A.)	
5854			12.7 (A.A.)	

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1932phae.proj.2349M

16160

No.	mag. 1	mag. 2	mean	Remarks
✓5855	15.5	15.5	15.5	
5864			12.8 (A.A.)	
✓5868	15.5	15.5	15.5	
✓5869	14.0	14.0	14.0	
✓5887	15.0	15.5	15.2	
I 1066	14.5	14.5	14.5	
1067	14.5	14.5	14.5	
1068	15.0	15.0	15.0	
1070	15.5	15.5	15.5	
1087	15.5	15.5	15.5	
1088	16.0 ~~15.5~~	16.0	16.0	
✓1102	16.0	16.0	16.0	
✓1105	15.5	15.5	15.5	

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1932phae.proj.234PM

142 cf A 16182 [Book B, p. 100 bf] for other mags. on same region. 16290

No.	Mag. 1	mag. 2	mean	Remarks
Nos 1-10 outside 9□° 1	16.5	16.5	16.5	
2	17.5	17.5	17.5	
3	16.5	16.5	16.5	
4	17.5	17.5	17.5	Neb?
5	17.5	17.5	17.5	Neb?
6	16.5	16.0	16.2	
7	17.0	17.0	17.0	
8	17.0	17.0	17.0	
9	17.5	17.0	17.2	
10	17.5	17.5	17.5	
11	17.0	17.0	17.0	
12	17.5	17.5	17.5	Neb?
13	17.5	17.5	17.5	
14	16.0	16.0	16.0	
15	16.5	17.0	16.7	
16	17.5	17.0	17.2	
17	17.5	17.5	17.5	
18	17.0	17.0	17.0	
19	17.5	17.5	17.5	
20 outside 9□° 20	17.5	17.5	17.5	
21	17.5	17.5	17.5	
22	17.5	17.0	17.2	
23	16.5	17.0	16.7	
24	17.5	17.5	17.5	
25	17.5	17.5	17.5	Neb?
26	17.5	17.5	17.5	
27	17.5	17.5	17.5	
28	18.0	17.5	17.7	
29	17.5	17.5	17.5	
30	16.5	16.5	16.5	In contact with neb. on 16182

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1932phot.proj.2301M

16290

No.	Mag. 1	Mag. 2	mean	Remarks
31	16.5	16.5	16.5	
32	16.0	16.0	16.0	
33	17.0	16.5	16.7	Neb?
34	16.5	16.5	16.5	Neb? Very long, very faint surface brightness.
35	17.0	17.5	17.2	
36	17.5	17.0	17.2	
37	16.0	16.0	16.0	
38	17.0	17.0	17.0	Neb?
39	17.5	17.5	17.5	
40	17.0	17.0	17.0	
41	17.5	17.5	17.5	
42	16.5	16.5	16.5	
43	17.5	17.5	17.5	
44	~~16.5~~ 17.5	17.5	~~16~~ 17	
45	16.5	17.0	16.7	
46	17.0	17.5	17.2	
47	17.5	17.5	17.5	
48	17.0	17.5	17.2	
49	17.5	17.5	17.5	
50	16.5	16.5	16.5	
51	17.5	17.5	17.5	
52	16.5	16.5	16.5	
53	17.0	17.0	17.0	
54	16.5	16.5	16.5	
55	17.0	17.0	17.0	
56	17.0	17.5	17.2	
57	16.5	16.5	16.5	
58	17.5	17.5	17.5	
59	17.0	17.0	17.0	
60	17.0	17.5	17.2	

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1932phae.proj.2349M

16290

No.	mag. 1	mag. 2	mean	Remarks.
61	17.0	17.5	17.2	
62	17.0	17.5	17.2	
63	17.0	17.5	17.2	
64	17.5	17.5	17.5	
65	17.5	17.0	17.2	
66	17.5	17.5	17.5	Neb?
67	17.0	16.5	16.7	
68	16.5	17.0	16.7	
69	16.5	16.5	16.5	
70	16.5	17.0	16.7	
71	17.0	17.0	17.0	
72	17.5	17.5	17.5	
73	17.0	17.0	17.0	
74	16.5	16.5	16.5	
75	17.0	17.0	17.0	
76	17.0	17.5	17.2	
77	17.0	17.0	17.0	
78	17.0	17.0	17.0	
79	16.0	16.5	16.2	
80	17.5	17.0	17.2	
81	17.5	17.0	17.2	
82	17.5	17.0	17.2	
83	17.5	17.0	17.2	
84	17.0	17.0	17.0	
85	17.0	16.5	16.7	
86	17.0	17.5	17.2	
87	16.5	16.5	16.5	
88	17.0	17.0	17.0	
89	17.5	17.5	17.5	
90	17.0	17.0	17.0	

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1032phau.proj.2314M

16290

No.	mag.1	mag.2	mean	Remarks
91	17.0	17.5	17.2	
92	17.0	16.5	16.7	
93	17.5	17.0	17.2	
94	17.0	17.0	17.0	
95	16.5	16.5	16.5	
96	17.0	17.0	17.0	
97	17.0	17.5	17.2	
98	17.0	17.0	17.0	
99	16.5	17.0	16.7	
100	17.0	17.5	17.2	
101	16.5	16.5	16.5	
102	16.0	16.0	16.0	
103	17.0	17.0	17.0	
104	16.5	16.5	16.5	
105	17.5	17.5	17.5	
106	16.5	17.0	16.7	
107	17.5	17.5	17.5	
108	17.0	17.5	17.2	
109	16.0	16.5	16.3	
110	16.5	17.0	16.7	
111	16.5	17.5	16.5	
112	16.5	17.0	16.7	
113	16.5	17.0	16.7	
114	17.0	17.0	17.0	
115	17.0	17.0	17.0	
116	16.0	16.0	16.0	
117	16.5	16.5	16.5	
118	16.5	16.5	16.5	
119	16.5	17.0	16.7	
120	17.0	17.0	17.0	

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1932phae.proj.234M

16290

No.	Mag. 1	Mag. 2	Mean	Remarks
121	17.5	17.5	17.5	
122	17.0	17.5	17.2	
123	17.5	17.5	17.5	
124	17.0	17.5	17.2	
125	17.5	17.0	17.2	
125a	17.0	17.0	17.0	
126	17.0	17.0	17.0	
127	17.0	17.0	17.0	
128	17.0	17.0	17.0	
129	17.0	17.0	17.0	
130	17.5	17.0	17.2	
131	17.0	16.5	16.7	
132	17.0	17.0	17.0	
133	17.0	17.0	17.0	
134	17.5	17.5	17.5	
135	17.5	17.5	17.5	
136	16.0	16.0	16.0	
137	16.5	17.0	16.7	
138	17.0	17.0	17.0	
139	16.5	16.5	16.5	
140	16.0	16.0	16.0	
141	16.5	16.0	16.2	
142	17.0	17.0	17.0	
143	17.0	16.5	16.7	
144	17.0	16.5	16.7	
145	16.5	16.0	16.2	
146	17.0	17.0	17.0	
147	17.5	18.0	17.7	
148	17.5	17.5	17.5	Neb?
149	17.5	17.0	17.2	
150	17.5	18.0	17.7	

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1032phae.proj.2201M

16290

No.	mag.1	mag.2	mean	Remarks
151	17.0	17.0	17.0	
152	17.0	16.5	16.7	
153	16.5	16.5	16.5	
154	17.5	17.5	17.5	
155	17.0	16.5	16.7	
156	16.0	16.0	16.0	
157	17.0	17.0	17.0	
158	16.5	16.5	16.5	
159	17.0	17.0	17.0	
160	17.0	16.5	16.7	
161	17.0	16.5	16.7	
162	16.5	16.5	16.5	
163	16.5	16.5	16.5	
164	17.5	17.5	17.5	
165	17.0	16.5	16.7	
166	16.5	16.0	16.2	Neb?
167	17.0	17.0	17.0	
168	17.5	17.0	17.2	
169	17.5	17.5	17.5	
170	17.0	17.0	17.0	Neb?
171	16.5	17.0	16.7	
172	16.5	16.5	16.5	
173	17.5	17.0	17.2	
174	17.0	17.0	17.0	
175	16.0	16.0	16.0	
176	16.5	16.0	16.2	
177	17.0	16.5	16.7	
178	16.5	16.5	16.5	
179	17.0	16.5	16.7	
180	17.0	17.0	17.0	

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1932phae.proj.2341M

16+90

No.	mag.1	mag.2	mean	Remarks
181	17.5	17.0	17.2	
182	17.5	17.0	17.2	
183	16.5	16.5	16.5	
184	17.0	17.0	17.0	
185	17.5	17.0	17.2	
186	17.5	17.0	17.2	
187	16.5	16.5	16.5	
188	16.5	16.0	16.2	
189	16.5	16.0	16.2	Neb?
190	17.5	~~16.~~ 17.0	17.2	Neb?
191	17.0	16.5	16.7	
192	17.0	16.5	16.7	
193	17.0	17.0	17.0	
194	17.5	18.0	17.7	
195	17.0	16.5	16.7	
196	17.5	17.5	17.5	
197	18.0	17.5	17.7	
198	16.5	16.5	16.5	
199	16.5	16.5	16.5	
200	16.0	16.0	16.0	
201	16.0	16.0	16.0	
202	16.0	16.0	16.0	
203	17.0	17.5	17.2	Neb?
204	16.0	16.0	16.0	
205	16.0	16.0	16.0	
206	16.5	16.5	16.5	
207	16.0	16.0	16.0	
208	17.0	16.5	16.7	
209	17.0	16.5	16.7	
210	17.0	17.0	17.0	

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1932phae.proj.2341M

16290

No.	mag. 1	mag. 2	mean	Remarks
211	17.0	16.5	16.7	
212	17.5	17.0	17.2	
213	17.5	17.0	17.2	
214	17.5	17.5	17.5	Neb?
215	16.5	16.5	16.5	
216	16.0	16.0	16.0	
217-260 217	16.0	16.0	16.0	
218	16.5	16.0	16.2	
219	16.5	16.0	16.2	
220	16.0	16.0	16.0	
221	16.5	17.0	16.7	
222	16.5	16.5	16.5	
223	16.0	16.0	16.0	
224	16.0	16.0	16.0	
225	16.0	16.0	16.0	
226	15.5	15.5	15.5	
227	16.5	16.5	16.5	
228	17.5	17.5	17.5	
229	16.0	16.0	16.0	Neb?
230	16.0	16.0	16.0	
231	15.5	15.5	15.5	
232	16.0	16.0	16.0	
233	15.5	16.5	15.5	
234	16.0	16.0	16.0	
235	15.5	15.5	15.5	
236	15.5	15.5	15.5	
237	16.0	16.0	16.0	Neb?
238	16.0	15.5	15.7	
239	15.5	16.0	15.7	
240	16.5	16.5	16.5	

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1932phae.proj.234M

16270

No.	mag. 1	mag. 2	mean	Remarks
241	17.0	17.0	17.0	
242	16.0	16.0	16.0	
243	17.0	17.0	17.0	Neb?
244	17.5	17.5	17.5	
245	18.0	17.5	17.7	
246	17.5	17.5	17.5	
247	18.0	18.0	18.0	
248	17.0	17.0	17.0	
249	17.5	17.5	17.5	
250	17.5	17.5	17.5	
251	17.5	17.5	17.5	
252	16.5	16.0	16.2	
253	17.5	17.5	17.5	
254	18.0	17.5	17.7	
255	16.5	16.5	16.5	
256	17.5	17.0	17.2	
257	17.5	17.5	17.5	
258	16.5	16.0	16.2	
259	17.0	17.0	17.0	
260	16.5	16.5	16.5	
261	17.0	17.0	17.0	
262	16.5	16.5	16.5	
263	17.0	16.5	16.7	
264	17.0	17.5	17.2	
265	16.5	16.5	16.5	Neb?
266	17.5	17.5	17.5	
267	17.5	17.0	17.2	
268	18.0	18.0	18.0	
269	17.5	17.5	17.5	Neb?
270	18.0	17.5	17.7	

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1992phae.proj.2943M

16280

No.	Mag. 1	Mag. 2	mean	Remarks
271	16.5	17.0	16.7	
272	~~17.5~~ 16.5	~~16.5~~ 16.5	~~17.5~~ 16.5	
273	17.5	17.0	17.2	
274	17.0	17.0	17.0	
275	17.5	17.0	17.2	
276	18.0	17.5	17.7	
277	17.5	17.5	17.5	
278	18.0	18.0	18.0	
279	18.0	17.5	17.7	Neb?
280	18.0	18.0	18.0	Neb?
281	16.5	16.5	16.5	
282	16.5	16.5	16.5	
283	16.5	16.5	16.5	
284	17.0	16.5	16.7	
285	16.0	16.0	16.0	
286	17.0	17.0	17.0	
287	16.0	16.0	16.0	
288	16.5	16.5	16.5	
289	16.5	16.5	16.5	
290	17.5	17.5	17.5	
291	17.0	16.5	16.7	
292	17.5	17.5	17.5	
293	16.0	16.0	16.0	
294	17.0	17.0	17.0	
295	17.5	17.5	17.5	
296	17.0	17.0	17.0	
297	17.5	17.0	17.2	
298	17.5	~~16.5~~ 17.5	17.5	
299	17.0	17.5	17.2	
300	17.1	16.5	16.7	

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1932phae.proj.2341M

16290

No.	mag. 1	mag. 2	mean	Remarks
301	17.0	17.0	17.0	
302	17.0	17.0	17.0	
303	17.5	17.5	17.5	
304	17.5	17.0	17.2	
305	17.0	17.0	17.0	
306	17.5	17.0	17.2	
307	16.5	17.0	16.7	
308	17.0	17.5	17.2	
309	16.0	16.0	16.0	
310	16.5	16.5	16.5	
311	17.0	17.5	17.2	
312	17.0	17.5	17.2	
313	16.5	16.0	16.2	
314	17.5	17.0	17.2	
315	16.5	16.5	16.5	
316	17.0	17.0	17.0	
317	17.0	16.5	16.7	
318	17.0	16.5	16.7	
319	16.5	16.5	16.5	
320	16.5	16.5	16.5	
321	17.0	16.5	16.7	Veh?
322	17.0	16.5	16.7	
323	17.5	17.5	17.5	
324	17.0	16.5	16.7	
325	17.5	17.5	17.5	
326	17.5	17.5	17.5	
327	16.5	17.0	16.2	
328	17.0	16.5	16.7	
329	17.5	17.5	17.5	
330	17.5	17.0	17.2	

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1992phae.proj.2413M

16290

No.	Mag. 1	Mag. 2	mean	Remarks
331	17.0	16.5	16.7	
332	17.5	17.0	17.2	
333	17.0	16.5	16.7	
334	16.5	16.5	16.5	
335	17.0	17.0	17.0	
336	16.5	16.5	16.5	Faint surface brightness.
337	17.5	17.5	17.5	
338	17.0	17.0	17.0	
339	16.5	17.0	16.7	
340	17.0	17.0	17.0	
~~341~~	~~18.0~~	~~17.0~~	—	Rejected
342	18.0	18.0	18.0	
343	18.0	18.0	18.0	
344	17.5	17.5	17.5	
345	17.5	17.5	17.5	
346	16.5	16.5	16.5	
347	17.0	17.5	17.2	
348-380 348	17.5	17.5	17.5	
349	16.0	16.5	16.2	
350	17.5	17.0	17.2	
351	17.5	17.5	17.5	
352	17.5	17.0	17.2	
353	17.5	17.0	17.2	
354	16.5	16.5	16.5	
355	16.5	16.0	16.2	
356	16.5	16.5	16.5	
357	16.0	16.0	16.0	
358	16.0	16.0	16.0	
359	16.0	16.0	16.0	
360	16.0	16.0	16.0	

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1932phae.proj.2349M

16280

No.	mag.1	mag.2	mean	Remarks
361	17.5	17.5	17.5	
362	17.5	17.5	17.5	
363	17.0	17.0	17.0	
364	17.0	17.0	17.0	
365	17.5	18.0	17.7	
366	17.5	18.0	17.7	
367	17.5	18.0	17.7	
368	17.5	17.5	17.5	
369	17.5	17.5	17.5	
370	17.0	17.0	17.0	
371	17.5	17.5	17.5	
372	17.0	17.0	17.0	
373	17.5	17.5	17.5	
374	17.5	17.0	17.2	
375	17.5	17.5	17.5	
376	17.0	17.5	17.2	
377	17.0	17.0	17.0	
378	16.0	16.5	16.2	
379	17.0	17.0	17.0	
380	17.0	17.0	17.0	
381	17.5	17.5	17.5	
382	17.0	17.0	17.0	
383	16.5	17.0	16.7	
384	16.0	15.5	15.7	
385	17.0	16.5	16.7	
386	17.5	17.0	17.2	
387	17.0	16.5	16.7	
388	17.0	16.5	16.7	
389	17.0	17.0	17.0	
390	17.0	17.0	17.0	

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1932phae.proj.2217M

16290

No.	mag. 1	mag. 2	mean	Remarks
391	17.5	17.5	17.5	
392	17.5	17.5	17.5	
393	17.0	17.0	17.0	
394	17.0	17.0	17.0	
395	17.5	17.5	17.5	
396	17.0	16.5	16.7	
397	17.5	17.5	17.5	
398	17.5	17.0	17.2	
399	17.5	17.0	17.2	
400	17.5	17.5	17.5	
401	16.5	16.5	16.5	Neb?
402	17.0	16.5	16.7	
403	16.5	16.0	16.2	
404	16.5	16.5	16.5	
405	17.0	16.5	16.7	
406	17.0	17.0	17.0	
407	17.5	17.5	17.5	
408	17.5	17.0	17.2	
409	17.5	17.5	17.5	
410	17.5	17.5	17.5	
411	16.5	16.5	16.5	
412	17.5	17.5	17.5	
413	17.5	17.0	17.2	
414	17.0	17.0	17.0	
415	17.0	17.0	17.0	
416	17.0	17.0	17.0	
417	16.5	16.5	16.5	
418	17.0	17.0	17.0	
419	17.5	17.0	17.2	
420	17.0	17.0	17.0	

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1932phae.proj.2349M

16290

No.	Mag. 1	Mag. 2	Mean	Remarks
421	17.0	17.0	17.0	
422	17.0	17.5	17.2	
423	17.5	17.0	17.2	
424	17.0	16.5	16.7	
425	17.5 17.0	17.5	17.5	
426	17.5	16.5	16.7	
427	17.5 16.5	17.5	17.5	
428	17.0	17.0	17.0	
429	17.0	17.0	17.0	
430	17.5	17.5	17.5	
431	17.5	17.0	17.2	
432	17.5	17.5	17.5	
433	17.0	17.0	17.0	
434	17.0	16.5	16.7	
435	16.5	16.5	16.5	
436	17.5	17.5	17.5	
437	17.5	17.0	17.2	
438	17.5	17.0	17.2	
439	16.5	16.5	16.5	
440	17.0	17.0	17.0	
441	17.0	17.0	17.0	
442	16.5	16.5	16.5	
443	17.5	17.0	17.2	
444	17.5	17.5	17.5	
445	17.5 17.0	16.5	16.7	
446-478 446	17.5	17.5	17.5	
447	16.5	16.5	16.5	
448	16.5	16.5	16.5	
449	16.5	16.5	16.5	
450	17.5	17.0	17.2	

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1932phae.proj.2301M

16290

No.	mag. 1	mag. 2	mean	Remarks
451	17.5	17.0	17.2	
452	16.0	16.5	16.2	
453	16.0	16.0	16.0	
454	17.0	17.0	17.0	
455	17.0	17.0	17.0	
456	17.5	17.5	17.5	
457	17.0	17.0	17.0	
458	17.0	17.0	17.0	
459	16.0	15.5	15.7	
460	16.0	16.0	16.0	
461	16.0	16.0	16.0	
462	16.0	16.0	16.0	Neb?
463	16.0	16.0	16.0	
464	16.5	16.5	16.5	
465	17.5	17.0	17.2	
466	16.5	16.0	16.2	Neb?
467	16.5	16.5	16.5	
468	16.0	16.0	16.0	
469	16.5	16.5	16.5	
470	16.0	16.0	16.0	
471	16.0	16.5	16.2	Neb?
472	16.5	16.5	16.5	
473	16.5	16.5	16.5	
474	16.5	17.0	16.7	
475	16.5	16.0	16.2	
476	16.5	16.5	16.5	
477	16.5	16.5	16.5	
478	16.5	17.0	16.7	
479	16.5	17.0	16.7	Neb?
480	17.5	17.5	17.5	

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1932phae.proj.2349M

158 16280

484-513

no.	mag. 1	mag. 2	mean	Remarks
481	16.5	17.0	16.7	
482	17.5	17.5	17.5	
483	17.0	17.0	17.0	
484	17.5	17.5	17.5	
485	17.0	17.0	17.0	
486	17.0	17.5	17.2	
487	17.0	17.0	17.0	
488	17.0	17.0	17.0	
489	17.0	17.0	17.0	Neb?
490	17.0	17.0	17.0	
491	16.5	16.0	16.2	
492	16.5	16.5	16.5	
493	16.5	16.5	16.5	
494	16.0	15.5	15.7	
495	17.0	17.0	17.0	
496	17.0	17.0	17.0	
497	17.0	17.0	17.0	
498	16.5	16.0	16.2	
499	17.0	16.5	16.7	
500	16.5	16.5	16.5	
501	16.5	16.0	16.2	
502	17.0	17.0	17.0	
503				Defect.
504	17.5	17.0	17.2	
505	16.5	17.0	16.7	
506	17.0	17.0	17.0	
507	17.5	17.5	17.5	
508	17.5	17.5	17.5	
509	17.5	18.0	17.7	
510	16.0	16.5	16.2	

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1932phae.proj.2309M

16280

no.	mag.1	mag.2	mean	Remarks
511	16.5	16.5	16.5	
512	17.0	16.5	16.7	
513	17.5	17.5	17.5	
514	~~17.5~~ 17.0	17.5	17.5	Wisp of nebulosity attached to faint star
515	16.5	17.0	16.7	
516	17.5	17.5	17.5	
517	17.0	16.5	16.7	
518	17.5	17.5	17.5	
519	17.5	18.0	17.7	
520	17.0	17.0	17.0	
521	16.5	16.0	16.2	
522	16.5	16.0	16.2	
523	17.0	16.5	16.7	
524	16.5	16.5	16.5	
525	16.5	16.5	16.5	
526	17.0	16.5	16.7	
527	17.5	17.0	17.2	
528	17.0	16.5	16.7	
529	16.5	16.5	16.5	
530	17.5	17.0	17.2	
531	17.0	16.5	16.7	
532	17.0	17.0	17.0	
533	17.0	17.0	17.0	
534	17.0	17.0	17.0	
535	17.5	17.0	17.2	
536	16.5	16.0	16.2	
537	17.0	17.0	17.0	
538	17.5	17.5	17.5	
539	16.5	16.5	16.5	
540	17.0	17.0	17.0	

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1932phae.proj.2349M

16290

No.	mag.1	mag.2	mean	Remarks
541	17.5	17.0	17.2	
542	17.0	17.0	17.0	
543	18.0	17.5	17.7	
544	17.5	17.0	17.2	
545	17.5	17.0	17.2	
546	17.5	17.5	17.5	Neb?
547	16.5	16.0	16.2	
548	17.5	18.0	17.7	
549	17.0	16.5	16.7	
550-564 ⌜550	17.0	16.5	16.7	
551	17.0	16.5	16.7	
552	17.5	17.0	17.2	
553	17.5	17.5	17.5	
554	17.0	17.0	17.0	
555	17.5	17.0	17.2	
556	17.5	17.0	17.2	
557	17.5	17.5	17.5	
558	18.0	17.5	17.7	
559	17.5	17.5	17.5	
560	17.0	16.5	16.7	
561	17.0	16.5	16.7	
562	17.0	16.5	16.7	
563	17.5	17.0	17.2	
⌞564	17.5	17.5	17.5	
565	17.0	16.5	16.7	
566	17.0	17.0	17.0	
567	17.0	17.0	17.0	
568	17.0	17.0	17.0	
569	17.5	17.5	17.5	
570	17.5	17.0	17.2	

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1002phau.proj.2317M

16280

No.	Mag. 1	Mag. 2	mean	Remarks
571	17.0	17.0	17.0	
572	17.5	17.5	17.5	
573	16.0	16.0	16.0	
574	17.5	17.0	17.2	
575	16.5	16.0	16.2	Neb?
576	17.0	17.0	17.0	
577	17.5	17.0	17.2	
578	17.0	17.0	17.0	
579	17.0	17.0	17.0	
580	16.5	16.5	16.5	Neb?
581	18.0	18.0	18.0	
582	16.5	16.5	16.5	
583	17.0	17.0	17.0	
584	17.5	17.0	17.2	
585	17.5	17.0	17.2	
586	17.5	17.5	17.5	
657 587	17.0	17.0	17.0	
588	17.0	16.5	16.7	
589	17.0	16.5	16.7	
590	17.0	16.5	16.7	
591	16.5	16.5	16.5	
592	16.5	16.5	16.5	
593	17.0	17.0	17.0	
594	17.5	17.0	17.2	
595	17.0	17.0	17.0	
596	16.5	16.5	16.5	
597	16.0	16.0	16.0	
598	15.5	15.0	15.2	
599	17.0	17.0	17.0	
600	16.0	16.0	16.0	

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1932phae.proj.234M

16290

no.	mag.1	mag.2	mean	Remarks
601	16.0	16.0	16.0	
602	17.5	17.5	17.5	
603	17.5	17.0	17.2	~~uch?~~
604	17.0	17.0	17.0	
605	16.5	~~16.5~~	16.5	
606	17.5	17.5	17.5	uch?
607	16.5	16.5	16.5	
608	17.5	17.0	17.2	
609	17.0	16.5	16.7	
610	17.0	16.5	16.7	
611	17.0	17.0	17.0	
612	17.0	17.0	17.0	
613	17.0	17.0	17.0	
614	17.0	17.5	17.2	
615	16.5	16.5	16.5	
616	16.0	16.0	16.0	
617	17.5	17.5	17.5	
618	16.5	16.5	16.5	
619	17.5	17.0	17.2 ~~17.4~~	
620	16.5	16.5	16.5	
621	16.0	16.0	16.0	
622	17.0	17.0	17.0	
623	16.0	16.0	16.0	
624	16.0	16.0	16.0	
625	16.5	17.0	16.7	
626	16.0	16.0	16.0	
627	16.5	16.5	16.5	
628	16.0	16.0	16.0	
629	16.0	16.0	16.0	
630	17.0	16.5	16.7	

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1002phot.proj.22.pdf

16290

no.	mag. 1	mag. 2	mean	Remarks
631	16.5	16.0	16.2	
632	17.0	16.5	16.7	
633	17.5	17.0	17.2	
634	16.0	16.5	16.2	
635	16.0	16.0	16.0	Neb?
636	16.5	16.0	16.2	
637	17.0	16.5	16.7	
638	17.0	17.5	17.2	
639	16.5	17.0	16.7	
640	16.5	16.5	16.5	
641	16.5	16.0	16.2	
642	16.5	16.5	16.5	
643	16.0	15.5	15.7	
644	17.5	17.5	17.5	
645	17.0	17.0	17.0	
646	16.5:	16.5:	16.5:	Faint Surface Brightness.
647	16.0	16.0	16.0	
648	16.0	15.5	15.7	
649	17.5	17.5	17.5	
650	16.5	16.5	16.5	Neb?
651	16.5	16.0	16.2	Neb?
652	16.0	16.0	16.0	
653	16.0	16.5	16.2	
654	15.5	15.5	15.5	
655	16.5	16.0	16.2	
656	16.0:	15.5	15.7	Faint surface brightness
657	16.5	16.0	16.2	
~~658~~				
~~659~~				
~~660~~				

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1932phae.proj.2349M

16290

No.	mag. 1	mag. 2		
N1112	16.0	16.5	16.2	
1115	15.5	15.5	15.5	
1116	15.5	15.5	15.5	
1127	16.0	15.5	15.7	
1134	14.5	14.0	14.2	
1166	15.5	15.5	15.5	
1168	15.5	15.5	15.5	
I 1839	16.0:	15.5:	15.7:	Faint surface brightness.
1842	16.0	16.0	16.0	
1846	15.5	15.5	15.5	
1847	16.0	16.0	16.0	
1850	16.0	15.5	15.7	
1852	15.5	15.0	15.2	
1857	15.5	15.5	15.5	
267	15.5	15.0	15.2	

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1002phot.proj.2217M

More than half of region covered by A 15469 — ∴ not re-searched.

16407

286

	No.	Mag. 1	Mag. 2	Mean	Remarks
1–14 outside 9□° — also all mag. checked in red outside 9□°	1	17.5	17.0	17.2	Neb?
	2	17.0	17.0	17.0	
	3	17.0	17.0	17.0	
	4	17.5	18.0	17.7	
	5	18.0	18.0	18.0	
	6	17.0	17.5	17.2	
	7	17.5	17.5	17.5	
	8	17.0	17.0	17.0	
	9	18.0	17.5	17.7	
	10	18.0	18.0	18.0	
	11	17.5	17.0	17.2	
	12	17.0	17.5	17.2	
	13	17.0	17.5	17.2	
	14	17.0	17.5	17.2	
	15	17.0	17.0	17.0	
	16	18.0	18.0	18.0	
	17	17.5	17.5	17.5	
	18	17.0	17.5	17.2	
	19	17.5	17.5	17.5	
	20	17.5	18.0	17.7	
	21	18.0	18.0	18.0	
	22	17.5	17.5	17.5	
	23	17.0	17.5	17.2	
	24	18.0	18.0	18.0	
	25	18.0	18.0	18.0	
	26	18.0	18.0	18.0	
	27	17.5	17.5	17.5	
	28	18.0	17.5	17.7	
	29	17.5	17.5	17.5	
	30	17.5	17.5	17.5	

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1932phae.proj.2349M

16407

No.	Mag. 1	Mag 2	Mean	Remarks
31	17.0	17.0	17.0	
32	~~16.5~~ 17.0	17.0	17.0	
33	17.0	17.0	17.0	
34	16.5	16.5	16.5	
35	17.5	17.5	17.5	
36	17.5	18.0	17.7	
37	17.5	18.0	17.7	
38	17.0	17.0	17.0	
39	17.5	17.0	17.2	
40	17.0	16.5	16.7	
41	17.5	17.0	17.2	
42	17.5	17.5	17.5	
43	18.0	18.0	18.0	
44	17.0	17.0	17.0	
45	17.5	17.0	17.2	
46	17.5	17.0	17.2	
47	18.0	17.5	17.7	
48	17.0	16.5	16.7	
49	17.0	17.0	17.0	
50	17.5	17.5	17.5	
51	17.0	17.0	17.0	
52	17.5	17.0	17.2	
53	17.5	17.0	17.2	
54	16.5	16.5	16.5	
55	17.0	17.0	17.0	
56	17.5	17.0	17.2	
57	18.0	17.5	17.7	
58	18.0	17.5	17.7	
59	18.0	17.5	17.7	
60	18.0	17.5	17.7	

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1002phao.proj.2208M

16h07

No.	Mag. 1	Mag. 2	Mean	Remarks
61	17.5	17.5	17.5	
62	17.5	17.5	17.5	
63	17.5	17.5	17.5	
64	16.5	16.5	16.5	
65	17.5	17.0	17.2	
66	17.5	17.0	17.2	
67	18.0	18.0	18.0	
68	16.5	17.0	16.7	
69	17.5	17.5	17.5	
70	17.0	17.0	17.0	
71	17.0	17.0	17.0	
72	17.0	17.0	17.0	
73	17.5	17.5	17.5	
74	18.0	17.5	17.7	
75	~~17.5~~ ~~18.0~~	17.0	17.2	
76	17.0	17.0	17.0	
77	17.5	18.0	17.7	
78	17.5	18.0	17.7	
79	17.0	17.5	17.2	
80	16.5	16.5	16.5	
81	17.0	17.0	17.0	
82	17.5	17.5	17.5	
83	17.5	17.5	17.5	
84	16.5	17.0	16.7	
85	17.5	17.5	17.5	
86	17.0	17.0	17.0	
87	17.5	17.0	17.2	
88	17.0	16.5	16.7	
89	18.0	17.5	17.7	
90	17.0	17.0	17.0	

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16407

No	Mag. 1	Mag. 2	Mean	Remarks
91	17.0	17.0	17.0	
92	17.5	17.0	17.2	
93	18.0	17.5	17.7	
94	18.0	17.5	17.7	
95	18.0	18.5	18.2	
96	17.5	17.5	17.5	
97	18.0	17.5	17.7	
98	17.5	17.5	17.5	
99	17.0	17.0	17.0	
100	17.5	17.5	17.5	
101	17.0	17.0	17.0	
102	16.5	16.5	16.5	
103	17.0	17.0	17.0	
104-143 104	17.0	17.0	17.0	
105	~~18.0~~ 17.0	17.0	17.0	
106	17.0	17.0	17.0	
107	17.5	17.5	17.5	
108	17.0	17.0	17.0	
109	~~18.0~~ 17.5	17.0	17.2	
110	16.5	16.5	16.5	
111	17.0	17.5	17.2	
112	17.5	18.0	17.7	
113	16.5	16.5	16.5	
114	17.5	17.0	17.2	Defect in centre
115	18.0	18.0	18.0	
116	18.0	~~18.5~~ 17.5	17.7	
117	18.0	18.0	18.0	
118	18.0	18.5	18.2	
119	16.5	16.5	16.5	
120	17.0	17.0	17.0	

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16407

No.	Mag. 1	Mag. 2	Mean	Remarks
121	16.5	16.5	16.5	
122	17.0	17.0	17.0	
123	17.0	17.0	17.0	
124	16.5	17.0	16.7	
125	17.0	17.5	17.2	
126	17.0	17.0	17.0	
127	17.0	17.5	17.2	
128	17.0	17.0	17.0	Neb?
129	18.0	18.0	18.0	
130	18.0	17.5	17.7	
131	17.5	17.0	17.2	
132	17.5	18.0	17.7	
133	17.5	18.0	17.7	
134	18.0	17.5	17.7	
135	17.0	17.5	17.2	
136	16.0	16.5	16.2	
137	18.0	17.5	17.7	
138	17.0	16.5	16.7	
139	~~18.0~~ 17.0	16.5	16.7	
140	17.5	17.5	17.5	
141	17.5	17.5	17.5	Neb?
142	17.0	17.0	17.0	
143	17.5	18.0	17.7	Neb?
144	17.5	17.5	17.5	Neb?
145	17.5	17.5	17.5	
146	17.5	17.5	17.5	
147	18.0	17.5	17.7	
148	17.5	17.5	17.5	
149	17.0	17.0	17.0	
150	17.0	17.0	17.0	

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1932phae.proj.234M

16407

No	Mag. 1	Mag. 2	Mean	Remarks
151	17.5	17.5	17.5	
152	17.5	17.5	17.5	
153	17.0	17.0	17.0	
154	17.5	17.5	17.5	
155	17.0	17.0	17.0	
156	17.5	17.5	17.5	
157	17.0	17.0	17.0	
158	17.5	17.0	17.2	
159	17.0	17.0	17.0	Neb?
160	17.5	17.5	17.5	
161	17.5	17.5	17.5	
162	17.5	17.5	17.5	
163	16.5	16.5	16.5	
164	17.0	17.0	17.0	
165	16.5	16.5	16.5	
166	17.0	17.5	17.2	Neb?
167	17.5	17.5	17.5	
168	17.5	17.0	17.2	
169	17.5	17.0	17.2	Neb?
170	18.0	17.5	17.7	
171	18.0	17.5	17.7	Neb?
172	17.0	17.0	17.0	
173	17.5	17.5	17.5	
174	17.0	17.0	17.0	
175	17.5	17.5	17.5	
176	17.5	17.5	17.5	
177	17.5	17.5	17.5	
178	17.0	17.5	17.2	
179	17.0	17.5	17.2	
180	17.5	17.5	17.5	

171-286

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1032phae.proj.2241M

16407

No.	Mag. 1	Mag. 2	Mean	Remarks
181	17.5	18.0	17.7	
182	16.5	16.5	16.5	
183	16.0	16.0	16.0	
184	17.0	17.0	17.0	
185	17.0	17.0	17.0	
186	17.5	17.0	17.2	
187	18.0	17.5	17.7	
188	17.5	18.0	17.7	
189	17.5	17.0	17.2	
190	16.5	16.5	16.5	
191	17.0	17.0	17.0	
192	17.0	17.5	17.2	
193	17.5	17.5	17.5	
194	17.5	17.5	17.5	
195	16.5	16.5	16.5	
196	17.5	17.5	17.5	
197	18.0	18.0	18.0	
198	18.0	17.5	17.7	
199	18.0	17.5	17.7	
200	17.5	17.5	17.5	
201	18.0	18.0	18.0	
~~202~~	—	—	—	
202	18.0	18.0	18.0	
203	17.0	17.0	17.0	
204	17.0	17.0	17.0	
205	16.5	16.5	16.5	
206	17.5	17.5	17.5	
207	16.5	16.5	16.5	
208	16.5	16.5	16.5	
209	17.0	~~18.0~~ 17.0	17.0	
210	16.5	16.5	16.5	

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1932phae.proj.2349M

16407

No	Mag. 1	Mag. 2	Mean	Remarks
211	17.5	17.5	17.5	
212	16.5	17.0	16.7	
213	17.5	18.0	17.7	
214	18.0	18.0	18.0	Neb?
215	18.0	18.0	18.0	
216	17.0	17.0	17.0	
217	18.0	17.5	17.7	
218	18.0	18.0	18.0	
219	18.0	17.5	17.7	
220	17.0	17.0	17.0	
221	18.0	18.0	18.0	
222	17.5	17.5	17.5	
223	17.5	17.5	17.5	
224	17.5	18.0	17.7	
225	18.0	18.0	18.0	Neb?
226	18.5	18.0	18.2	
227	17.0	17.0	17.0	
228	18.0	18.0	18.0	
229	17.0	16.5	16.7	
230	17.0	16.5	16.7	
231	17.5	17.0	17.2	
232	17.0	17.0	17.0	
233	17.0	16.5	16.7	
234	16.5	16.5	16.5	
235	17.0	16.5	16.7	
236	17.0	16.5	16.7	
237	17.5	17.5	17.5	
238	18.5	18.0	18.2	
239	18.0	18.0	18.0	
240	17.5	17.0	17.2	

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1032phae.proj.2243M

16407

No	Mag. 1	Mag 2	Mean	Remarks
241	17.5	17.0	17.2	
242	18.0	17.5	17.7	
243	18.0	17.5	17.7	
244	17.5	17.5	17.5	
245	17.0	17.0	17.0	
246	18.0	18.0	18.0	
247	17.5	18.0	17.7	
248	17.0	17.0	17.0	
249	17.0	17.5	17.2	
250	17.0	17.0	17.0	
251	17.5	17.0	17.2	
252	18.0	18.0	18.0	
253	17.5	17.0	17.2	
254	18.0	17.5	17.7	
255	16.5	16.5	16.5	
256	17.0	16.5	16.7	
257	17.0	17.5	17.2	
258	18.0	18.0	18.0	
259	17.5	17.0	17.2	
260	17.5	17.0	17.2	Neb?
261	17.0	17.0	17.0	
262	17.5	17.0	17.2	Neb?
263	18.0	17.5	17.7	
264	17.0	17.0	17.0	
265	17.5	17.5	17.5	
266	17.5	17.0	17.2	
267	18.0	17.5	17.7	
268	17.5	17.5	17.5	
269	17.5	17.0	17.2	Neb?
270	17.5	17.0	17.2	

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1932phae.proj.234M

174 16407

No.	Mag. 1	Mag. 2	Mean	Remarks
271	~~+8.0~~ 17.0	17.0	17.0	Neb?
272	~~+8.0~~ 17.0	17.0	17.0	
273	17.0	17.0	17.0	
274	16.5	16.5	16.5	Neb?
275	17.0	17.5	17.2	
276	17.5	17.5	17.5	
277	18.0	18.0	18.0	
278	17.0	16.5	16.7	
279	17.0	16.5	16.7	
280	16.5	16.0	16.2	
281	17.5	17.0	17.2	Neb?
282	17.0	17.0	17.0	
283	17.5	17.5	17.5	Neb?
284	17.0	17.0	17.0	
285	17.0	16.5	16.7	
286	16.5	16.0	16.2	
I 965	16.5	16.5	16.5	

Neb. in red from A 15969

250	17.0	17.0	17.0
251	17.5	17.5	17.5
252	16.5	17.0	16.7
267	17.0	17.0	17.0
268	17.0	17.0	17.0
269	17.0	17.0	17.0
270	16.5	16.5	16.5
271	17.0	17.0	17.0
272	17.5	17.5	17.5
273	16.5	16.5	16.5

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1932phae.proj.2349M

16407

No.	mag. 1	mag. 2	Mean	Remarks.
274	17.0	16.5	16.7	
276	17.0	17.0	17.0	
277	16.5	16.5	16.5	
278	16.5	16.5	16.5	
279	17.0	17.0	17.0	
280	17.0	17.0	17.0	

Neb. in blue from 14126

23	= 80 on	16407	
24	16.5	16.5	16.5
29	17.0	17.0	17.0
30	16.5	16.0	16.2
31	16.5	165	16.5
32	17.0	17.0	17.0
37	16.5	16.5	16.5
71	17.0	16.5	16.7
73	16.0	16.0	16.0

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1932phae.proj.2349M

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16241

No.	Mag. 1	Mag. 2	Mean	Remarks
1	16.5	16.5	16.5	
2	16.5	16.5	16.5	
3	16.5	16.5	16.5	
4	16.5	16.5	16.5	
5	17.5	17.0	17.2	
6	16.5	~~17.5~~ 16.8	16.7	
7	16.5	17.0	16.7	
8	17.0	16.5	16.7	
9	17.0	17.5	17.2	Neb?
10	16.5	16.5	16.5	
11	17.0	17.0	17.0	
12	17.5	17.5	17.5	
13	17.5	17.5	17.5	
14	17.0	17.0	17.0	
15	17.5	17.0	17.2	
16	17.0	16.5	16.7	
17	17.5	17.5	17.5	Neb?
18	~~16.5~~ 17.0	17.5	17.2	
19	17.0	17.0	17.0	
20	17.0	17.0	17.0	
21	17.0	17.5	17.2	
22	17.0	17.0	17.0	
23	16.5	16.5	16.5	
24	17.0	17.0	17.0	Neb?
25	17.0	17.0	17.0	
26	17.0	17.0	17.0	
27	17.0	17.0	17.0	
28	17.0	17.5	17.2	
29	17.5	17.5	17.5	
30	17.0	17.0	17.0	

1-79 outside 90°, also all nos checked in red outside 90°

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1932phae.proj.2343M

16241

No	Mag. 1	Mag 2	Mean	Remarks
31	17.5	17.5	17.5	
32	17.5	17.0	17.2	
33	17.0	17.0	17.0	
34	17.0	16.5	16.7	
35	17.0	16.5	16.7	
36	17.0	17.0	17.0	Neb ?
37	17.0	16.5	16.7	
38	16.5	17.0	16.7	
39	16.5	16.5	16.5	
40	17.0	17.5	17.2	
41	17.0	17.5	17.2	
42	16.5	17.0	16.7	In contact with star
43	17.5	17.5	17.5	
44	17.0	17.0	17.0	
45	17.0	17.5	17.2	
46	17.0	17.0	17.0	
47	17.0	16.5	16.7	
48	17.5	17.5	17.5	
49	17.5	17.0	17.2	
50	17.5	17.5	17.5	
51	16.5	16.5	16.5	
52	17.0	17.0	17.0	
53	17.5	17.0	17.2	
54	16.5	16.5	16.5	
55	17.0	17.0	17.0	
56	17.5	17.5	17.5	
57	17.0	17.0	17.0	
58	17.0	17.0	17.0	
59	16.5	16.5	16.5	
60	16.5	16.5	16.5	

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16241

No.	Mag. 1	Mag. 2	Mean	Remarks
61	17.0	16.5	16.7	
62	17.0	16.5	16.7	
63	17.0	17.0	17.0	
64	17.0	16.5	16.7	
65	17.5	17.0	17.2	
66	16.0	16.0	16.0	
67	17.0	17.0	17.0	
68	17.0	17.0	17.0	
69	17.5	17.5	17.5	
70	17.0	17.0	17.0	
71	16.5	16.5	16.5	Neb?
72	17.5	17.5	17.5	
73	17.0	16.5	16.7	
74	17.0	17.5	17.2	
75	17.5	17.5	17.5	
76	17.5:	17.5:	17.5:	In contact with star.
77	17.5	17.5	17.5	
78	17.5	17.5	17.5	
79	17.5	18.0	17.7	
80	17.5	18.0:	17.7:	In contact with star
81	17.5	17.5	17.5	
82	17.0	17.0	17.0	
83	17.5	17.5	17.5	
84	16.5	16.5	16.5	
85	17.5	17.5	17.5	
86	18.0	17.5	17.7	Neb?
87	17.0	17.0	17.0	
88	16.5	16.5	16.5	
89	16.5	17.0	16.7	
90	17.0	~~18~~ 17.5	17.2	

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1624

No.	Mag. 1	Mag. 2	Mean	Remarks
91	16.5	16.5	16.5	Veh?
92	17.5	17.0	17.2	
93	17.0	17.0	17.0	
94	18.0	17.5	17.7	Veh?
95	17.0	16.5	16.7	
96	17.5	17.0	17.3	Veh?
97	17.5	17.5	17.5	
98	18.0	17.5	17.7	
99	16.5	17.0	16.7	
100	17.5	17.5	17.5	
101	18.0	17.5	17.7	Veh?
102	17.0	17.0	17.0	
103	18.0	17.5	17.7	
104	18.0	17.5	17.7	Veh?
105	17.5	17.5	17.5	
106	17.0	17.0	17.0	
107	16.5	16.5	16.5	
108	16.5	16.5	16.5	
109	18.0	17.5	17.7	Veh?
110	17.5	17.0	17.3	
111	18.0	18.0	18.0	
112	17.0	17.0	17.0	
113	17.0	17.5	17.3	
114	17.0	17.0	17.0	
115	17.0	17.0	17.0	
116	16.5	16.5	16.5	
117	17.5	17.0	17.3	
118	17.0	17.0	17.0	
119	18.0	17.5	17.7	
120	17.5	17.5	17.5	

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16241

No.	Mag. 1	Mag. 2	Mean	Remarks
121	17.5	17.0	17.2	
122	17.0	17.0	17.0	
123	17.0	17.0	17.0	
124	18.0	17.5	17.7	
125	18.0	17.5	17.7	Neb.?
126	17.0	16.5	16.7	
127	17.0	17.5	17.2	
128	17.0	17.0	17.0	
129	17.0	17.0	17.0	
130	17.5	17.5	17.5	Neb?
131	17.5	17.5	17.5	
132	18.0	18.0	18.0	
133	17.0	17.0	17.0	
134	16.5	17.0	16.7	
135	17.0	17.0	17.0	
136	17.0	17.0	17.0	
137	18.5	18.0	18.2	
138	17.0	16.5	~~17~~ 16.7	
139	17.5	17.5	17.5	
140	18.0	18.0	18.0	
141-149 141	17.5	17.0	17.2	
142	16.5	16.0	16.2	
143	17.0	16.5	16.7	
144	17.5	17.0	17.2	
145	17.0	17.0	17.0	
146	16.5	16.5	16.5	
147	17.5	17.0	17.2	
148	17.0	17.0	17.0	
149	17.5	17.5	17.5	
150	17.0	16.5	16.7	Neb?

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16241

No	Mag 1.	Mag 2	Mean	Remarks
V151	17.5	17.5	17.5	
V152	18.5	18.0	18.2	
V153	17.5	17.0	17.2	
V154	16.8	16.5	16.5	
V155	17.5	17.5	17.5	
V156	17.5	17.0	17.2	
V157	17.0	17.0	17.0	
V158	17.5	17.0	17.2	
V159	16.0	16.0	16.0	
V160	~~17.0~~ 16.5	16.5	16.5	
V161	17.5	17.5	17.5	
V162	17.5	17.5	17.5	
V163	17.5	17.5	17.5	
V164	17.5	17.5	17.5	
V165	18.0	18.0	18.0	
V166	16.5	16.5	16.5	Veh?
167	17.5	17.0	17.2	
168	17.0	17.0	17.0	
169	17.5	17.5	17.5	
170	17.5	17.0	17.2	Veh?
171	17.5	17.5	17.5	
172	17.5	17.5	17.5	
173	18.0	17.5	17.7	
174	17.0	16.5	16.7	
175	17.0	17.0	17.0	
176	16.5	16.5	16.5	
177	17.0	17.0	17.0	
178	16.5	16.5	16.5	
179	17.0	17.0	17.0	
180	17.0	17.0	17.0	

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16241

No.	mag. 1	mag. 2	mean	Remarks
181	17.5	17.5	17.5	Neb?
182	17.5	17.5	17.5	
183	16.5	16.5	16.5	
184	17.5	17.5	17.5	
185	17.5	17.5	17.5	
186	17.5	17.5	17.5	
187	17.5	17.5	17.5	
188	17.0	17.0	17.0	
189	17.5	17.5	17.5	
190	18.0	18.0	18.0	
191	16.5	17.0	16.7	
192	18.0	18.0	18.0	
193	17.0	17.0	17.0	
194	17.0	17.0	17.0	
195	17.5	17.5	17.5	Neb?
196	17.0	16.5	16.7	
197	17.5	17.5	17.5	
198	18.0	17.5	17.7	
199	18.0	18.0	18.0	
200	17.5	17.5	17.5	
201	18.5	18.0	18.2	
202	17.5	17.5	17.5	
203	18.0	18.0	18.0	
204	17.5	17.0	17.2	
205	18.0	18.0	18.0	
206	18.0	18.0	18.0	
207	17.5	17.5	17.5	
208	17.5	17.5	17.5	
209	17.5	17.5	17.5	
210	17.5	17.5	17.5	

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16241

No.	Mag. 1	Mag. 2	Mean	Remarks
211	17.5	17.5	17.5	
212	17.5	17.0	17.2	
213	17.5	17.0	17.2	
214	17.5	17.0	17.2	
215	17.5	17.0	17.2	
216	16.5	16.0	16.2	
217	17.5	17.5	17.5	
218	17.0	17.0	17.0	
219	17.5	17.0	17.2	
220	17.0	17.0	17.0	
221	17.5	17.5	17.5	
222	17.0	16.5	16.7	
223	17.5	17.0	17.2	
224	17.0	17.0	17.0	
225	17.5	17.5	17.5	
226	17.0	16.5	16.7	
227	17.0	16.5	16.7	
228	17.5	17.5	17.5	
229	17.0	17.0	17.2	
230	18.0	18.5	18.2	
231	18.0	18.0	18.0	
232	17.5	17.0	17.2	
233	17.5	17.5	17.5	
234	18.0	18.0	18.0	
235	17.5	17.5	17.5	
236	17.0	17.5	17.2	
237	18.5	18.0	18.2	
238	18.0	18.0	18.0	
239	18.0	18.5	18.2	
240	18.0	18.0	18.0	

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No.	mag.1	mag.2	mean	Remarks
241	17.5	17.0	17.2	
242	18.0	17.5	17.7	
243	17.5	18.0	17.7	
244	17.5	17.5	17.5	
245	18.0	18.0	18.0	
246	18.0	17.5	17.7	
247	18.0	17.5	17.7	
248	17.5	17.5	17.5	
249	17.5	18.0	17.7	
250	16.5	16.5	16.5	
251	16.0	16.0	16.0	
252	17.0	17.0	17.0	
253	17.5	17.0	17.2	
254	17.5	18.0	17.7	
255	17.5	17.5	17.5	
256	17.0	16.5	16.7	
257	17.0	17.0	17.0	
258	17.0	17.0	17.0	
259	17.0	17.0	17.0	
260	17.0	16.5	16.7	
261	17.5	17.5	17.5	
262	16.0	16.0	16.0	
263	18.0	18.0	18.0	
264	17.5	17.5	17.5	
265	17.5	17.5	17.5	
✓266	16.5	16.0	16.2	
267	17.5	17.5	17.5	
268	16.5	16.5	16.5	
269	17.0	17.0	17.0	
270	17.5	17.5	17.5	

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1932phae.proj.2341M

16241

No.	Mag.1	Mag.2	Mean	Remarks
271	17.5	18.0	17.7	
272	17.0	17.5	17.2	
273	17.0	17.5	17.2	
274	17.5	18.0	17.7	
275	17.0	17.5	17.2	
276	~~17.5~~ 18.0	18.5	18.2	
277	18.5	18.0	18.2	
278	17.5	17.0	17.2	
279	17.5	17.5	17.5	
280	17.0	17.0	17.0	
281	17.5	17.5	17.5	
282	18.0	18.0	18.0	
283	18.0	18.0	18.0	
284	18.0	18.0	18.0	
285	17.5	18.0	17.7	
286	18.0	18.0	18.0	
287	18.0	18.0	18.0	
288	17.5	17.5	17.5	
289	18.5	18.5	18.5	
290	17.5	17.5	17.5	
291	17.5	17.5	17.5	
292	18.0	17.5	17.7	
293	16.0	16.0	16.0	
294	18.0	17.5	17.7	
295	16.0	16.5	16.2	
✓296	16.5	16.0	16.2	
✓297	~~18.0~~ 17.5	17.5	17.5	
✓298	16.5	16.5	16.5	
✓299	17.5	17.0	17.2	
✓300	17.5	17.5	17.5	

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16241

No.	Mag. 1	Mag. 2	mean	Remarks.
301	16.5	16.5	16.5	
302	17.0	17.5	17.2	
303	17.0	17.0	17.0	
304	18.0	18.0	18.0	
305	16.5	16.5	16.5	
306	17.5	17.5	17.5	
307	17.5	17.5	17.5	
308	18.0	18.0	18.0	
309	17.0	17.0	17.0	
310	18.0	18.0	18.0	
311	17.0	17.5	17.2	
312	17.5	18.0	17.7	
313	16.5	17.0	16.7	
314	18.0	18.0	18.0	
315	18.0	18.5	18.2	
316	18.0	18.0	18.0	
317	17.5	17.5	17.5	
318	17.5	17.5	17.5	
319	17.0	17.0	17.0	
320	17.0	17.0	17.0	
321	17.5	17.5	17.5	
322	18.0	18.0	18.0	
323	17.0	17.0	17.0	
324	18.0	18.0	18.0	
325	17.5	17.5	17.5	
326	17.5	17.5	17.5	
327	18.5	18.0	18.2	Val?
328	17.5	17.5	17.5	
329	17.5	17.5	17.5	
330	17.5	17.0	17.2	

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16241

No.	Mag. 1	Mag. 2	Mean	Remarks
331	17.0	17.0	17.0	
332	18.0	18.0	18.0	
333	18.0	18.0	18.0	
334	17.0	16.5	16.7	
335	17.0	16.5	16.7	
336	16.5	16.5	16.5	
337	17.5	17.5	17.5	
338	18.0	18.0	18.0	
339	16.5	17.0	16.7	
340	17.0	17.0	17.0	
340a	18.0	18.0	18.0	
341	17.5	19.0	17.7	
342	18.0	18.0	18.0	
343	18.0	18.0	18.0	
344	16.5	16.5	16.5	
345	18.0	17.5	17.7	
346	18.0	18.0	18.0	
347	18.0	18.0	18.0	
348	17.5	17.0	17.3	
349	18.0	18.0	18.0	
350	17.0	17.0	17.0	
351	17.0	17.0	17.0	
352	18.0	18.0	18.0	
353	17.5	17.5	17.5	
354	18.0	18.0	18.0	
355	16.5	16.5	16.5	
356	18.0	18.0	18.0	
357	17.5	17.5	17.5	
358	17.0	17.0	17.0	
359	17.5	17.5	17.5	
360	18.5	18.5	18.5	

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16241

No.	mag. 1	mag. 2	mean	Remarks.
361	17.0	17.5	17.2	
362	17.0	17.0	17.0	
363	18.0	18.0	18.0	
364	16.5	16.5	16.5	
365	17.0	17.0	17.0	
366	17.5	17.5	17.5	
367	18.5	18.5	18.5	
368	17.0	17.0	17.0	
369	16.5	16.5	16.5	
370	18.0	18.0	18.0	
371	18.0	18.0	18.0	Neb?
372	17.0	17.0	17.0	
373	17.0	17.0	17.0	
374	17.5	17.0	17.2	
375	17.5	17.5	17.5	
376	17.0	17.0	17.0	
377	16.5	16.5	16.5	
378	17.5	17.0	17.2	
379	18.0	18.5	18.2	
380	17.0	17.0	17.0	
381	17.5	17.5	17.5	
382	18.0	18.0	18.0	
383	17.5	17.0	17.2	
384	17.5	17.5	17.5	
~~385~~	~~17.~~	—	—	~~Neb?~~ ~~Star~~
386	17.0	16.5	16.7	
387	17.5	17.0	17.2	
388	17.5	17.5	17.5	
389	17.5	17.0	17.2	
390	17.5	18.0	17.7	

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16241

No.	Mag. 1	Mag. 2	Mean	Remarks
391	17.5	17.5	17.5	
392	18.0	17.5	17.7	
393	18.0	17.5	17.7	
394	17.5	17.5	17.5	
395	17.0	16.5	16.7	
396	17.5	17.0	17.2	
397	16.5	16.0	16.2	
398	16.0	16.0	16.0	
399	16.5	16.5	16.5	
400	17.5	18.0	17.7	
401	16.5	16.5	16.5	
402	18.0	18.0	18.0	
403	17.5	18.0	17.7	
404	17.5	18.0	17.7	
405	18.5	18.5	18.5	
406	17.5	18.0	17.7	
407	17.0	16.5	16.7	
408	17.0	17.0	17.0	
409	17.5	17.5	17.5	
410	17.0	17.0	17.0	
411	18.0	18.0	18.0	
412	17.0	17.0	17.0	
413	17.5	17.5	17.5	
414	17.0	17.5	17.2	
415	17.5	17.5	17.5	
416	17.5	17.5	17.5	
417	17.5	17.0	17.2	
418	17.5:	17.0:	17.2:	} Double in contact
419	17.0:	16.5:	16.7:	
420	18.0	17.5	17.7	

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16241

No.	mag. 1	mag. 2	mean	Remarks
421	17.5	17.0	17.2	
422	17.5	17.5	17.5	
423	17.5	17.5	17.5	
424	18.0	18.0	18.0	
425	16.5	16.5	16.5	
426	17.5	17.5	17.5	
427	17.5	17.0	17.2	
428	17.5	17.5	17.5	
429	18.0	17.5	17.7	
430	18.0	18.0	18.0	
431	18.0	18.0	18.0	
432	18.0	18.0	18.0	
433	17.5	17.0	17.2	
434	17.5	18.0	17.7	
435	17.5	18.0	17.7	Veh?
436-452 436	17.0	17.0	17.0	
437	18.0	18.0	18.0	
438	16.5	16.0	16.2	
439	17.0	17.0	17.0	
440	17.0	16.5	16.7	
441	17.0	16.5	16.7	
442	16.5	16.5	16.5	
443	17.0	17.0	17.0	
444	17.0	17.0	17.0	
445	17.5	17.5	17.5	
446	17.0	17.0	17.0	
447	17.5	17.0	17.2	
448	17.5	17.5	17.5	
449	18.0	17.5	17.7	
450	17.5	17.0	17.2	

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16241

No.	Mag. 1	Mag 2	Mean	Remarks.
451	17.5	17.0	17.2	
452	18.0	18.0	18.0	
453	18.0	18.0	18.0	Veh?
454	17.5	17.0	17.2	
455	18.0	18.0	18.0	
456	18.0	18.0	18.0	
457	17.5	18.0	17.7	Veh?
458	18.0	18.0	18.0	
459	459	18.5	18.5	18.5
476	460	16.5	16.5	16.5
	461	17.0	17.0	17.0
	462	17.0	17.0	17.0
	463	17.5	18.0	17.7
	464	17.0	17.0	17.0
	465	17.5	18.0	17.7
	466	17.0	17.0	17.0
	467	17.5	17.5	17.5
	468	17.5	17.5	17.5
	469	18.0	18.0	18.0
	470	17.5	17.5	17.5
	471	17.5	17.5	17.5
	472	17.5	18.0	17.7
	473	18.0	17.5	17.7
	474	18.0	17.5	17.7
	475	17.5	17.0	17.2
	476	17.5	17.5	17.5
	477	17.5	17.0	17.2
	478	17.5	17.5	17.5
	479	18.0	18.0	18.0
	480	17.0	17.0	17.0

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16241

no.	mag. 1	mag. 2	mean mag.	Remarks.
481	18.0	18.0	18.0	
482	17.0	17.5	17.2	
483	17.5	17.5	17.5	
484	17.0	17.0	17.0	
485	17.0	17.0	17.0	
486	18.0	18.0	18.0	
487	17.5	17.5	17.5	
488	17.5	17.5	17.5	
489	18.0	18.0	18.0	
490	17.5	17.5	17.5	
491	17.0	16.5	16.7	
492	17.5	17.0	16.7	
493	18.0	18.0	18.0	
494	18.0	18.0	18.0	
495	17.5	17.5	17.5	
496	18.0	18.0	18.0	
497	16.0	16.0	16.0	
498	17.0	16.5	16.7	
499	16.5	16.5	16.5	
500	17.0	17.5	17.2	
501	18.0	~~17.5~~ 18.0	18.0	
502	17.5	17.5	17.5	
503	17.0	17.0	17.0	
504	17.5	17.0	17.2	
505	17.0	17.5	17.2	
506	17.0	17.5	17.2	
507	17.0	17.0	17.0	
508	17.5	18.0	17.7	
509	17.0	17.5	17.2	
510	18.0	18.0	18.0	

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16241

	Mag. 1	Mag 2	Mean	Remarks
511	17.5	17.5	17.5	Neb?
512	17.5	18.0	17.7	
513	18.0	18.0	18.0	
514	17.0	17.0	17.0	
515	17.0	17.0	17.0	
516	17.0	17.0	17.0	
517	18.0	17.5	17.7	
518	16.5	16.5	16.5	Nucleus in faint outer ring.
519	17.0	17.0	17.0	
520	17.5	17.5	17.5	
521	16.5	16.5	16.5	
522	17.0	17.0	17.0	
523	16.5	16.5	16.5	
524	18.0	18.0	18.0	
525	17.5	17.5	17.5	
526	17.5	17.5	17.5	
527	17.5	17.0	17.2	
528	17.5	17.0	17.2	
529	16.5	16.5	16.5	
530	17.0	17.5	17.2	Neb?
531	17.5	17.5	17.5	
532	17.0	17.0	17.0	
533	17.5	17.5	17.5	
534	17.5	17.5	17.5	
535	18.0	17.5	17.7	
536	17.0	17.0	17.0	
537	17.5	18.0	17.7	
538	17.5	18.0	17.7	
539	17.5	18.0	17.7	
540	17.5	17.5	17.5	

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16241

	Mag. 1	Mag. 2	Mean	Remarks
541	17.0	17.0	17.0	
✓542	16.5	17.0	16.7	
✓543	17.0	17.5	17.2	
544	17.5	18.0	17.7	Neb ?
✓545	17.5:	17.0:	17.2:	Close to faint star.
546	17.5	17.5	17.5	
547	18.0	18.0	18.0	
548	17.0	17.5	17.2	
549	17.5	18.0	17.7	
550	17.0	17.5	17.2	
551	17.0	17.0	17.0	
552	17.0	17.0	17.0	
553	17.0	17.0	17.0	
554	17.0	17.0	17.0	
✓555	17.5	17.5	17.5	
✓556	17.5	17.5	17.5	
✓557	17.5	17.5	17.5	
✓558	17.5	17.5	17.5	
✓559	16.5	16.5	16.5	
✓560	17.0	17.0	17.0	
561	18.0	18.0	18.0	
562	17.5	17.5	17.5	
563	17.5	17.5	17.5	
564	17.5	18.0	17.7	
565	17.5	17.5	17.5	
566	17.5	17.5	17.5	
✓567	16.5	16.5	16.5	
568	17.5	17.0	17.2	Neb ?
569	18.0	18.0	18.0	
570	17.0 16.5	16.5	16.5	

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16241

	Mag. 1	Mag. 2	Mean	Remarks
571	17.0	17.0	17.0	
572	18.0	18.0	18.0	
573	17.0	17.5	17.2	
574	17.5	18.0	17.7	
575	17.5	17.5	17.5	
576	17.5	18.0	17.7	
577	17.5	17.5	17.5	
578	17.0	17.5	17.2	
579	17.0	17.5	17.2	
580	16.5	16.5	16.5	
581	17.0	17.5	17.2	Veh?
582	17.0	17.0	17.0	
583	18.0	18.0	18.0	
584	18.0	18.0	18.0	
585	17.0	17.0	17.0	
586	18.0	17.5	17.7	
587	17.0	17.0	17.0	
588	18.0	18.5	18.2	
589	17.5	17.0	17.2	
590	17.5	17.0	17.2	
591	17.5	17.0	17.2	
592	17.0	17.0	17.0	
593	17.5	17.5	17.5	
594	17.5	17.0	17.2	Veh?
595	17.0	17.0	17.0	
596	17.5	17.5	17.5	
597	17.5	17.5	17.5	
598	17.0	17.0	17.0	
599	17.0	17.0	17.0	
600	17.5	17.5	17.5	

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1624[illegible]

	Mag. 1	Mag. 2	Mean	Remarks
601	17.5	17.5	17.5	
602	17.5	17.5	17.5	
603	18.0	18.0	18.0	
604	16.5	16.5	16.5	
605	17.5	17.5	17.5	
606	17.5	17.5	17.5	Neb?
607	16.5	16.5	16.5	
608	17.5	17.0	17.2	
609	17.5	17.5	17.5	
610	16.5	16.6	16.3	
611	17.0	17.0	17.0	
612	17.5	17.5	17.5	
613	17.5	17.0	17.2	Neb?
614	17.5	17.5	17.5	Neb?
615	17.0	17.0	17.0	
616	17.0	17.0	17.0	
617	17.5	17.5	17.5	
618	16.5	16.5	16.5	
619	17.0	17.0	17.0	
620	17.5	18.0	17.7	
621	17.5	17.0	17.2	
622	17.5	17.5	17.5	
623	17.0	17.0	17.0	
624	17.0	17.0	17.0	
625	17.5	17.5	17.5	
626	16.5	16.5	16.5	
627	18.0	17.5	17.7	
628	17.5	17.5	17.5	
629	17.0	17.0	17.0	
630	18.0	17.5	17.7	

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16241

	Mag. 1	Mag. 2	Mean	Remarks
631	17.5	18.0	17.7	
632	16.5	16.5	16.5	
633	17.5	17.5	17.5	
634	17.0	17.0	17.0	
635	17.5	17.0	17.2	
~~636~~	17.5	17.5	17.5	
637	17.0	16.5	16.7	
~~VI~~ ~~1404~~	~~16.0~~ 15.5	16.0	15.7	
✓ 1409	~~17.0~~ 16.5	16.5	16.5	
1419	~~17.0~~ 16.5	17.0	16.7	
1421	~~17.0~~ 16.5	16.5	16.5	
1426	~~17.0~~ 16.5	16.5	16.5	
✓ 1436	16.5	16.0	16.2	
5167	16.5	16.5	16.5	

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15447

no.	Mag. 1	Mag. 2	Mean	Remarks
Nos 1-41 ours 1919 1	16.5	16.5	16.5	
2	16.5	16.5	16.5	
3	15.5	15.5	15.5	
4	17.5	17.0	17.2	
5	–	–	–	Rejected
6	16.0	16.0	16.0	
7	17.0	17.0	17.0	
8	16.5	16.5	16.5	
9	17.0	17.0	17.0	
10	17.0	17.0	17.0	
11	17.5	17.5	17.5	
12	17.0	17.0	17.0	
13	17.5	17.5	17.5	
14	17.5	17.5	17.5	
15	–	–	–	Rejected
16	16.5	16.5	16.5	
17	17.0	17.5	17.2	
18	17.0	17.0	17.0	
19	17.5	17.0	17.2	
20	16.0	16.5	16.2	
21	16.5	17.0	16.7	
22	17.0	17.0	17.0	
23	17.0	17.5	17.2	
24	17.5	17.5	17.5	
25	17.0	17.0	17.0	
26	17.0	17.0	17.0	
27	16.5	17.0	16.7	
28	17.0	17.0	17.0	
29	17.0	17.0	17.0	
30	17.0	17.0	17.0	

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15447

No.	Mag. 1	Mag. 2	mean	Remarks
31	16.5	16.5	16.5	
32	16.0	16.5	16.2	
33	17.0	17.0	17.0	
34	16.0	16.5	16.2	
35	16.5	16.5	16.5	
36	17.0	17.0	17.0	
37	17.0	17.0	17.0	
38	17.5	17.5	17.5	
39	16.5	~~17.0~~ 16.5	16.5	
40	16.5	~~17.0~~ 16.5	16.5	
41	17.0	~~16.5~~ 17.0	17.0	
42	17.0	16.5	16.7	
43	16.5	16.5	16.5	
44	17.0	16.5	16.7	
45	17.0	17.0	17.0	
46	17.0	17.0	17.0	
47	17.0	17.0	17.0	
48	16.5	17.0	16.7	
49	17.5	17.5	17.5	
50	17.5	17.5	17.5	
51	17.5	17.5	17.5	
52	16.0	16.5	16.2	
53	17.0	17.0	17.0	
54	17.0	16.5	16.7	
55	17.0	17.0	17.0	
54-73 56	16.5	16.5	16.5	
57	17.0	17.0	17.0	
58	16.5	16.5	16.5	
59	17.0	17.5	17.2	
60	17.0	17.0	17.0	

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200 15447

No.	Mag. 1	Mag. 2	Mean	Remarks.
61	17.0	17.0	17.0	
62	17.5	17.5	17.5	
63	17.0	17.5	17.2	
64	17.0	17.0	17.0	
65	16.0	16.5	16.2	
66	16.5	16.5	16.5	
67	~~17.5~~ 16.5	17.0	17.2	
68	16.5	17.0	16.7	
69	17.0	17.0	17.0	
70	16.5	16.5	16.5	
71	17.5	17.0	17.2	
72	17.5	17.5	17.5	
73	17.5	17.0	17.2	
74	17.0	17.0	17.0	
75	17.5	17.0	17.2	
76	16.0	16.5	16.2	
77	17.5	17.5	17.5	
78	17.5	17.5	17.5	
79	17.0	17.0	17.0	
80	16.5	17.0	16.7	
81	16.5	17.0	16.7	
82	16.5	16.5	16.5	
83	17.0	17.0	17.0	
84	17.0	17.0	17.0	
85	17.0	17.0	17.0	
86	16.0	16.5	16.2	
87	17.0	17.0	17.0	
88	16.5	16.5	16.5	
89	16.5	16.5	16.5	
90	17.5	17.5	17.5	

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15447

No.	Mag. 1	Mag. 2	Mean	Remarks.
91	16.5	17.0	16.7	
92	16.5	16.5	16.5	
93	16.5	16.5	16.5	
94	17.5	17.0	17.2	
95	17.5	17.0	17.2	
96	16.5	16.5	16.5	
97	17.0	17.0	17.0	
98	17.0	17.0	17.0	
99	14.0	14.0	14.0	Possibly I C
100	17.0	17.0	17.0	
101	17.0	17.0	17.0	
102	17.5	17.0	17.2	
103	15.0	15.0	15.0	
104	16.0	16.0	16.0	
105	16.5	16.5	16.5	
106	16.5	16.5	16.5	
107	17.0	17.0	17.0	
108	17.0	17.0	17.0	
109	~~16.0~~ 15.5	15.5	15.5	
110	16.5	16.0	16.2	
111	16.5	16.0	16.2	
112	17.5	17.0	17.2	
113	17.0	16.5	16.7	
114	17.0	17.0	17.0	
115	17.0	17.0	17.0	
116	17.0	16.5	16.7	
117	16.5	16.0	16.2	
118	16.5	16.0	16.2	
119	17.0	17.0	17.0	
120	16.5	16.5	16.5	

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No.	mag. 1	mag. 2	mean	Remarks
121	16.5	16.5	16.5	
122	16.5	16.5	16.5	
123	15.0	15.0	15.0	
124	17.0	17.5	17.2	
125	16.0	16.5	16.2	
126	16.5	16.5	16.5	
127	17.0	17.0	17.0	
128	17.5	17.5	17.5	
129	17.0	16.5	16.7	
130	17.0	17.5	17.2	
131-161 131	16.5	17.0	16.7	
132	16.5	16.5	16.5	
133	16.0	15.5	15.7	
134	16.5	17.0	16.7	
135	17.0	17.5	17.2	
136	17.0	17.5	17.2	
137	16.5	17.0	16.7	
138	17.0	17.0	17.0	
139	16.5	16.0	16.2	
140	16.5	16.5	16.5	
141	17.0	16.5	16.7	
142	16.5	16.0	16.2	
143	16.0	16.0	16.0	
144	15.0	15.0	15.0	
145	16.0	16.0	16.0	
146	16.5	16.0	16.2	
147	15.5	15.5	15.5	
148	16.0	16.0	16.0	
149	16.0	16.0	16.0	
150	17.0	16.5	16.7	

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15447

No.	mag. 1	mag. 2	mean	Remarks
151	17.0	16.5	16.7 ✓	
152	17.0	17.0	17.0 ✓	
153	16.0	16.0	16.0 ✓	
154	17.0	17.0	17.0 ✓	
155	17.0	17.0	17.0 ✓	
156	17.5	17.0	17.2 ✓	
157	17.0	17.0	17.0 ✓	
158	17.0	17.5	17.2 ✓	
159	16.0	16.0	16.0 ✓	
160	16.0	16.0	16.0 ✓	
161	17.0	17.0	17.0 ✓	
162	17.0	17.0	17.0 ✓	
163	17.5	17.5	17.5 ✓	163 - 202
164	17.0	17.0	17.0 ✓	
165	17.0	17.0	17.0 ✓	
166	17.5	17.5	17.5 ✓	
167	17.0	16.5	16.7 ✓	
168	17.0	17.0	17.0 ✓	
169	17.5	17.0	17.2 ✓	
170	17.0	17.0	17.0 ✓	
171	17.0	17.0	17.0 ✓	
172	17.0	17.0	17.0 ✓	
173	17.0	17.0	17.0 ✓	
174	17.0	17.0	17.0 ✓	
175	17.5	17.5	17.5 ✓	
176	17.5	17.5	17.5 ✓	
177	17.5	17.5	17.5 ✓	
178	17.0	17.0	17.0 ✓	
179	17.5	17.5	17.5 ✓	
180	17.0	17.0	17.0 ✓	

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15447

No.	Mag. 1	Mag. 2	Mean	Remarks
181	17.0	17.0	17.0	
182	17.0	17.0	17.0	
183	17.5	17.0	17.2	
184	17.0	17.0	17.0	
185	16.5	16.5	16.5	
186	17.5	17.0	17.2	
187	17.0	17.5	17.2	
188	17.5	17.5	17.5	
189	17.5	17.5	17.5	Neb?
190	17.5	17.5	17.5	Neb?
191	17.0	17.5	17.2	
192	17.5	17.5	17.5	
193	17.0	17.5	17.2	
194	17.0	17.5	17.2	
195	17.0	17.5	17.2	
196	17.0	17.5	17.2	
197	17.5	17.5	17.5	
198	17.0	17.0	17.0	Neb?
199	17.5	17.5	17.5	
200	16.5	17.0	16.7	
201	17.0	17.0	17.0	
202	17.0	17.5	17.2	
203	17.0	17.0	17.0	
204	17.0	17.5	17.2	
205	17.0	17.0	17.0	
206	17.0	17.5	17.2	
207	17.0	17.0	17.0	
208	16.0	16.5	16.2	
209	17.0	17.0	17.0	
210	17.0	17.5	17.2	

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1992phae.proj.2301M

15447

No.	Mag. 1	Mag. 2	Mean	Remarks
211	17.0	17.5	17.2	
212	17.0	17.5	17.2	
213	16.5	17.0	16.7	
214	16.5	16.5	16.5	
215	17.0	17.0	17.0	
216	17.5	17.5	17.5	
217	17.0	17.0	17.0	
218	17.5	17.5	17.5	
219	17.0	17.0	17.0	
220	15.5	16.0	15.7	Faint surface brightness
221	17.5	17.5	17.5	
222	17.0	17.5	17.2	
223	17.0	17.0	17.0	
224	17.0	17.0	17.0	
225	17.0	17.5	17.2	
226	17.5	17.5	17.5	
227	17.0	17.5	17.2	
228	17.5	17.5	17.5	
229	17.0	17.0	17.0	
230	17.0	17.0	17.0	
231				Cannot be found
232	16.5	17.0	16.7	
233	17.0	17.0	17.0	
234	16.0	16.5	16.2	
235	17.0	17.5	17.2	
236	17.0	17.0	17.0	
237	16.5	17.0	16.7	
238	17.0	17.0	17.0	
239	17.0	17.0	17.0	
240	17.0	17.0	17.0	

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1932phae.proj.2349M

15447

No.	mag. 1	mag. 2	mean	Remarks.
241	16.5	16.5	16.5	Faint surface brightness
242	17.0	17.5	17.2	
243	16.5	16.5	16.5	
244	17.5	17.0	17.2	
245	17.5	17.0	17.2	
246	15.5	15.5	15.5	
247	17.5	17.0	17.2	
248	17.0	17.0	17.0	
249	17.5	17.0	17.2	
250	17.5	17.5	17.5	
251	17.5	17.5	17.5	
252	17.0	16.5	16.7	
253	17.5	17.5	17.5	
254	17.5	17.5	17.5	
255	17.0	17.5	17.2	
256	17.0	17.0	17.0	
257	16.5	17.0	16.7	
258	17.0	17.5	17.2	
259	17.5	17.5	17.5	
260	17.5	17.5	17.5	
261	17.0	17.0	17.0	
262	17.0	17.0	17.0	
263	17.0	17.5	17.2	
264	16.5	16.5	16.5	
265	16.5	16.0	16.2	
266	17.0	17.0	17.0	
267	17.0	17.0	17.0	
268	17.0	17.0	17.0	
269	17.0	17.5	17.2	
270	16.5	16.5	16.5	

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1932phae.proj.2217M

15447

No.	Mag. 1	Mag. 2	Mean	Remarks
271– 326 271	17.0	17.5	17.2	
272	16.5	17.0	16.7	
273	17.5	17.5	17.5	
274	17.0	17.5	17.2	
275	17.5	17.0	17.2	
276	17.5	17.5	17.5	
277	16.5	16.5	16.5	
278	17.5	17.5	17.5	
279	17.0	17.0	17.0	
280	17.0	17.0	17.0	
281	17.0	17.0	17.0	
282	17.0	17.0	17.0	
283	17.5	17.5	17.5	
284	17.0	17.5	17.2	
285	17.5	17.5	17.5	
286	17.5	17.0	17.2	
287	17.0	16.5	16.7	
288	17.5	17.0	17.2	
289	17.5	17.5	17.5	
290	17.0	17.5	17.2	
291	17.0	17.0	17.0	
292	17.0	17.0	17.0	
293	17.5	17.5	17.5	
294	16.5	16.5	16.5	
295	17.0	17.5	17.2	
296	16.0	15.5	15.7	
297	—	—	—	Rejected
298	16.0	16.0	16.0	
299	16.0	16.0	16.0	
300	16.5	16.0	16.2	

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15447

No.	Mag. 1	Mag. 2	Mean	Remarks
301	16.5	16.5	16.5	
302	17.0	17.0	17.0	
303	17.0	17.0	17.0	
304	17.0	17.0	17.0	
305	17.0	17.0	17.0	
306	17.0	16.5	16.7	
307	17.5	17.5	17.5	
308	17.0	16.5	16.7	
309	16.0	16.5	16.2	
310	17.0	16.5	16.7	
~~311~~				Rejected
~~312~~				"
~~313~~				"
314	17.0	16.5	16.7	
~~315~~				Rejected
316	17.0	17.5	17.2	
317	17.0	17.0	17.0	
318	17.0	17.0	17.0	
319	17.0	17.0	17.0	
320	16.0	16.0	16.0	Neb? Probably double star.
321	17.0	17.5	17.2	
322	17.0	17.5	17.2	
323	17.0	17.5	17.2	
324	17.0	17.0	17.0	
325	16.5	16.5	16.5	
326	17.0	17.0	17.0	
327	17.0	16.5	16.7	
328	17.5	17.0	17.2	
329	17.0	17.0	17.0	
330	16.5	17.0	16.7	

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1932phae.proj.2349M

J5447

No.	mag. 1	mag. 2	mean	Remarks
331	16.5	16.5	16.5	
332	17.0	17.5	17.2	
333	16.0	16.0	16.0	
334	17.0	17.0	17.0	
335	17.0	17.0	17.0	
336	17.0	17.0	17.0	
337	17.0	17.0	17.0	
338	17.5	17.5	17.5	
339	17.0	17.0	17.0	
340	16.5	17.0	16.7	
341	17.0	17.5	17.2	
~~342~~				Rejected
343	17.0	16.5	16.7	
~~344~~				Rejected "
~~345~~				
346	17.0	17.0	17.0	
347	17.0	16.5	16.7	
348	17.5	17.0	17.2	
349	17.5	17.0	17.2	
350	17.5	17.0	17.2	
351	17.0	17.0	17.0	
352	16.5	16.5	16.5	
353	16.0	16.0	16.0	
354	17.5	17.0	17.2	
355	17.0	17.5	17.2	
356	16.5	17.0	16.7	
357	16.0	16.5	16.2	
358	17.5	17.5	17.5	
359	17.0	17.0	17.0	
360	17.0	17.5	17.2	

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No.	Mag. 1	Mag. 2	Mean	Remarks.
361	16.5	16.5	16.5	Defect?
362	16.5	16.5	16.5	
363	17.0	17.0	17.0	
364	16.5	16.5	16.5	
365	17.0	17.0	17.0	
366	17.0	17.0	17.0	
367	14.5	14.5	14.5	Defect in corner of the nebula? Possibly spiral?
368	17.0	17.0	17.0	
369	17.0	17.5	17.2	
370	17.5	17.5	17.5	
371	17.0	17.0	17.0	
372	17.0	17.0	17.0	
373	17.0	17.0	17.0	
374	17.0	16.5	16.7	
375	17.0	17.0	17.0	
376	17.0	16.5	16.7	
377	16.5	16.0	16.2	
378	16.5	16.5	16.5	
379	15.5	15.5	15.5	
380	17.0	17.0	17.0	
381	17.0	17.0	17.0	
382	17.5	17.5	17.5	
383	17.0	17.0	17.0	
384	17.0	17.0	17.0	
385	17.0	17.0	17.0	
386	17.0	16.5	16.7	
387	17.5	17.0	17.2	
388	17.0	16.5	16.7	
389	16.0	16.0	16.0	
390	17.0	17.0	17.0	

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15447

No.	Mag. 1	Mag. 2	Mean	Remarks
391	17.0	17.0	17.0	
392	16.5	17.0	16.7	
393	17.0	17.0	17.0	
394	17.5	17.5	17.5	
395	16.0	16.0	16.0	
396	15.5	15.5	15.5	
397	16.0	16.0	16.0	
398	17.5	17.5	17.5	
399	17.0	17.5	17.2	
400	17.5	17.5	17.5	
401	17.5	17.5	17.5	
402	17.0	17.0	17.0	
403	17.5	17.5	17.5	
404	17.0	17.0	17.0	
405	17.5	17.5	17.5	
406	17.5	17.5	17.5	
407	16.5	16.5	16.5	
408	17.0	17.5	17.2	
409	17.0	17.5	17.2	
410	15.0	15.5	15.2	
411	16.5	16.5	16.5	
412	17.0	17.0	17.0	
413	16.5	16.5	16.5	
414	16.5	16.5	16.5	
415	17.0	17.0	17.0	
416	16.0	16.0	16.0	
417	17.0	17.0	17.0	
418	16.0	16.0	16.0	
419	17.0	17.0	17.0	
420	17.5	17.0	17.2	

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15447

No.	Mag. 1	Mag. 2	Mean	Remarks
421	17.0	17.0	17.0	
422	16.5	17.0	16.7	
423	17.0	17.0	17.0	
424	17.5	17.0	17.2	
425	17.5	17.0	17.2	
426	17.5	17.0	17.2	
427	17.5	17.0	17.2	
428	~~16.5~~ 17.5	17.5	17.5	
429	17.0	16.5	16.7	
430	~~16.0~~ 17.0	17.0	17.0	
431	16.0	16.0	16.0	
432	16.0	15.5	15.7	
433	17.0	17.0	17.0	
434	17.0	17.5	17.2	
435	17.5	17.5	17.5	
436	17.0	17.0	17.0	
437	17.0	17.0	17.0	
438	17.5	17.5	17.5	
439	17.0	17.0	17.0	
440	17.5	17.5	17.5	
441	17.5	17.0	17.2	
442	17.5	17.5	17.5	
443	17.5	17.0	17.2	
444	16.5	16.5	16.5	
445	17.0	16.5	16.7	
446	16.5	16.5	16.5	
447	16.5	16.5	16.5	
448	16.0	16.0	16.0	
449	17.0	17.0	17.0	
450	17.0	17.0	17.0	

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15447

No.	mag. 1	mag. 2	mean	Remarks
451	17.0	17.5	17.2	
452	16.5	16.5	16.5	
453	17.0	17.0	17.0	
454	17.5	17.0	17.2	
455	17.5	17.5	17.5	
456	17.5	17.5	17.5	
457	17.5	17.5	17.5	
458	17.5	17.0	17.2	
459	17.5	17.0	17.2	
460	16.5	16.5	16.5	
461	17.0	17.0	17.0	
462	16.5	16.5	16.5	
463	16.5	16.0	16.2	
464	16.5	16.5	16.5	
465	17.0	17.0	17.0	
466	16.5	16.5	16.5	
467	17.0	17.0	17.0	
468	17.5	17.5	17.5	
469	16.5	16.5	16.5	
C170-470	17.0	17.0	17.0	
525-471	17.0	17.0	17.0	
472	17.5	17.5	17.5	
473	17.0	17.5	17.2	
474	17.0	17.5	17.2	
475	17.0	17.0	17.0	
476	17.0	17.0	17.0	
477	16.0	16.0	16.0	
478	17.0	17.0	17.0	
479	16.5	16.5	16.5	
480	16.5	17.0	16.7	

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15447

No.	Mag. 1	Mag. 2	mean	Remarks.
481	17.0	17.0	17.0	
482	16.0	15.5	15.7	
483	17.0	17.0	17.0	
484	17.0	~~16~~ 17.0	17.0	
485	16.5	16.5	16.5	
486	16.5	16.5	16.5	
487	17.0	17.0	17.0	
488	17.0	17.0	17.0	
489	16.5	16.5	16.5	
490	17.0	17.5	17.2	
491	17.0	17.0	17.0	
492	17.0	17.5	17.2	
493	17.5	17.0	17.2	
494	17.0	17.0	17.0	
495	17.0	17.0	17.0	
496	17.0	17.5	17.3	
497	16.5	17.0	16.7	
498	17.0	17.5	17.2	
499	17.0	17.0	17.0	
500	17.5	17.5	17.5	
501	17.0	17.0	17.0	
502	17.0	17.0	17.0	
503	17.0	17.0	17.0	
504	17.0	17.0	17.0	
505	17.0	17.0	17.0	
506	17.0	17.5	17.3	
507	17.0	17.5	17.3	
508	17.0	17.0	17.0	
509	17.0	17.5	17.3	
510	17.0	17.0	17.0	

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1932phae.proj.2319M

15447

No.	Mag. 1	Mag. 2	Mean	Remarks.
511	17.0	17.5	17.2	
512	17.0	17.5	17.2	
513	17.5	17.0	17.2	
514	17.5	17.5	17.5	
515	17.0	17.5	17.2	
516	17.0	17.0	17.0	
517	16.0	16.0	16.0	
518	16.5	16.5	16.5	
519	17.0	17.0	17.0	
520	17.5	17.0	17.2	
521	~~16.5~~ 17.0	17.0	17.0	
522	16.5	16.0	16.2	
523	17.0	17.0	17.0	
524	17.0	17.0	17.0	
525	16.5	16.5	16.5	
N3818			12.7(A.A.)	
3858			not seen	
3865			13.0(A.A.)	
3866	14.0	14.5	14.2	
3905	14.5	14.5	14.5	
3959	14.5	14.5	14.5	
3967	14.5	14.5	14.5	
4129			12.9(A.A.)	
I 721	15.5	15.0	15.2	
723	~~16.0~~ 14.5	14.5	14.5	
733	15.5	15.0	15.2	
734	16.5	16.0	16.2	
747	15.5	15.5	15.5	

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1932phae.proj.2341M

15983

(616)

No.	Mag. 1	Mag. 2	Mean	Remarks
Nos 1-151 outside 9□°. Also all nos. checked in red outside 9□° 1	17.0	17.0	17.0	
2	15.5	15.5	15.5	
3	16.5	17.0	16.7	
4	16.5	16.0	16.2	
5	16.5	16.5	16.5	
6	16.0	16.0	16.0	
7	Not found			
8	16.5	16.5	16.5	
9	~~16.0~~ 17.5	17.0	17.2	
10	16.0	16.0	16.0	
11	16.0	16.5	16.2	
12	~~17.5~~ 16.0	16.0	16.0	
13	~~16.0~~ 17.5	17.5	17.5	
14	16.0	16.0	16.0	
15	17.5	17.0	17.2	Neb?
16	16.5	16.5	16.5	
17	16.0	16.5	16.2	
18	17.0	17.0	17.0	Neb?
19	17.0	17.0	17.0	
20	15.5	16.0	15.7	
21	16.0	16.5	16.2	
22	16.0	16.0	16.0	
23	16.5	16.5	16.5	
24	16.5	16.5	16.5	
25	16.0	16.0	16.0	
26	16.5	17.0	16.7	Neb?
27	17.0	17.5	17.2	
28	16.0	16.5	16.2	
29	16.5	16.5	16.5	
30	17.0	17.0	17.0	

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1932phae.proj.2311M

15983

No	Mag. 1	Mag 2	Mean	Remarks
31	17.0	16.5	16.7	
32	17.0	16.5	16.7	
33	17.0	16.5	16.7	
34	17.0	16.5	16.7	
35	16.5	16.5	16.5	
36	17.5	17.0	17.2	
37	17.0	17.0	17.0	
38	17.0	16.5	16.7	
39	16.5	16.0	16.2	
40	17.0	17.0	17.0	
41	17.0	16.5	16.7	
42	16.5	16.0	16.2	
43	17.0	17.0	17.0	
44	17.0	17.0	17.0	
45	16.5	16.5	16.5	
46	16.5	16.0	16.2	
47	16.0	16.0	16.0	
48	16.5	16.5	16.5	
49	16.5	16.5	16.5	
50	16.5	16.5	16.5	
51	15.0	15.0	15.0	
52	15.5	15.5	15.5	
53	16.0	16.0	16.0	
54	15.5	15.5	15.5	
55	17.5	17.0	17.2	
56	16.5	16.0	16.2	
57	17.5	17.0	17.2	Neb ?
58	17.0	17.0	17.0	
59	17.5	17.5	17.5	
60	16.5	16.5	16.5	

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1932phae.proj.2349M

15983

No.	Mag. 1	Mag. 2	Mean	Remarks
61	17.0	17.0	17.0	
62	17.0	17.0	17.0	
63	16.0	16.0	16.0	
64	16.5	16.5	16.5	
65	16.0	16.0	16.0	
66	17.0	17.0	17.0	
67	17.0	17.0	17.0	
68	16.5	16.0	16.2	
69	17.0	17.0	17.0	
70	17.0	17.0	17.0	
71	16.5	16.5	16.5	
72	17.0	17.0	17.0	
73	16.5	16.0	16.2	Neb.?
74	16.0	16.0	16.0	
75	17.5	17.0	17.2	
76	17.5	17.5	17.5	
77	17.5	17.0	17.2	
78	17.0	17.0	17.0	
79	17.0	17.0	17.0	Neb?
80	17.5	17.5	17.5	
81	16.5	16.0	16.2	
82	17.0	16.5	16.7	
83	17.0	17.0	17.0	
84	17.5	17.0	17.2	
85	17.0	17.0	17.0	Neb?
86	17.0	16.5	16.7	
87	17.5	17.0	17.2	
88	17.5	17.0	17.2	
89	17.5	17.0	17.2	
90	17.5	17.5	17.5	

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15983

No.	Mag 1	Mag 2	Mean	Remarks
91	17.5	17.0	17.3	
92	17.5	17.0	17.3	
93	17.0	17.0	17.0	
94	17.0	17.0	17.0	
95	16.5	16.5	16.5	
96	17.0	17.0	17.0	
97	16.0	16.0	16.0	
98	17.0	16.5	16.7	
99	17.0	17.0	17.0	
100	17.0	17.0	17.0	
101	17.5	17.5	17.5	
102	17.0	17.0	17.0	
103	17.0	17.0	17.0	
104	17.5	17.0	17.3	
105	16.0	16.0	16.0	
106	17.5	17.0	17.3	
107	17.0	16.5	16.7	Neb?
108	16.5	16.5	16.5	
109	17.0	17.0	17.0	Neb?
110	17.5	17.5	17.5	
111	17.5	17.5	17.5	
112	17.0	17.0	17.0	
113	16.0	16.0	16.0	
114	16.5	16.5	16.5	
115	16.5	16.0	16.3	
116	16.5	16.5	16.5	
117	16.5	16.5	16.5	
118	16.0	16.0	16.0	
119	17.0	16.5	16.7	
120	16.5	16.0	16.3	

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1932phae.proj.2349M

15983

No.	Mag 1	Mag. 2	Mean	Remarks
121	17.0	17.0	17.0 ✓	
122	16.5	16.5	16.5 ✓	
123	16.5	16.0	16.2 ✓	
124	17.0	16.5	16.7 ✓	
125	17.0	17.0	17.0 ✓	
126	17.5	17.0	17.2 ✓	
127	17.0	16.5	16.7 ✓	
128	16.0	16.0	16.0 ✓	
129	16.5	16.5	16.5 ✓	
130	17.0	17.0	17.0 ✓	
131	17.0	17.0	17.0 ✓	
132	16.0	16.0	16.0 ✓	
133	16.0	16.0	16.0 ✓	
134	16.5	16.5	16.5 ✓	
135	17.0	16.5	16.7 ✓	
136	16.5	16.5	16.5 ✓	
137	17.0	16.5	16.7 ✓	
138	16.5	16.0	16.2 ✓	
139	16.0	16.0	16.0 ✓	
140	17.5	17.0	17.2 ✓	
141	17.5	17.0	17.2 ✓	
142	17.5	17.0	17.2 ✓	
143	17.0	17.0	17.0 ✓	
144	17.5	17.5	17.5 ✓	
145	17.5	17.0	17.2 ✓	Neb.
146	17.5	17.0	17.2 ✓	
147	17.5	17.0	17.2 ✓	
148	17.0	17.0	17.0 ✓	
149	17.0	17.0	17.0 ✓	
150	17.0	16.5	16.7 ✓	Neb.

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