

19

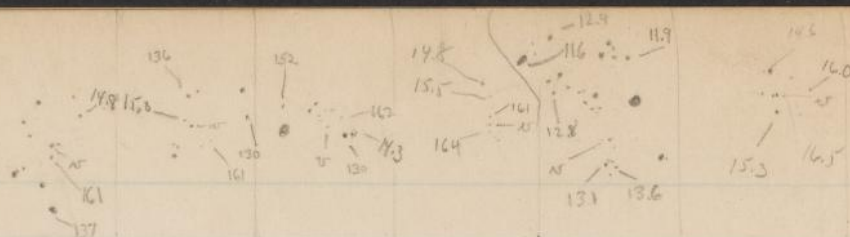
H. H. Swope
Murtlia Stator

Jul
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Sep
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INDEX

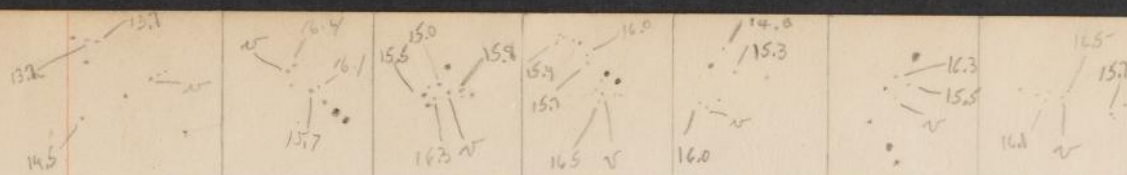
Magnitude Estimates of Variables of MWF 185

PAGE		
July 1939	6	^{meas. by M. Stahl} Vars - 28, 29, 31, 32, 34, 41, 106, 186, 226, 331, 468, 469, 479
"	22	^{meas. by M. Stahl} Vars. 34w, 63w, 65w, 24, 26, 27, 173, 235, 253, 293, 316, 316a, 465
July 1940	40	^{meas. by M. Stahl} Vars. ZZ, AA, AF, AX, AZ Sco., 67, 104, 128, 148, 172, 188, 229, 467
"	52	^{meas. by M. Stahl} Vars. 24w, 26w, 70, 71, 107, 127, 130(174), 149, 181, 189, 227, 236 277, 466
Sept 1940	66	CL Sco + 503 ^{meas. by HNS for Mr. Elvy} Both bright line & spectrum



29 28 41 31 32 34

23912.769	MF8544	15.5	16.0	15.8	16.0	12.6	<16.0
23992.590	MF8723	15.0	13.4	16.3	16.0	12.6	15.5
24018.530	MF8755	15.6	14.9	16.0	15.9	12.7	15.3
24370.552	MF9648	14.8	13.5	<16.2	15.8	12.7	15.5
24623.762	MF10132	15.5	16.1	16.4	16.0	12.8	15.7
24626.753	MF10138	15.4	16.2	<16.2	16.0	13.0	15.9
24627.755	10143	15.7	<16.1	<16.2	16.1	13.2	16.1
24642.760	10189	16.0	16.1	<16.2	16.0	12.7	15.0
24646.699	10214	16.1	16.0	16.3	15.9	12.9	14.5
24647.686	10222	16.1	16.0	<16.2	16.0	12.9	14.6
24648.687	10230	16.2	16.0	16.3	15.9	13.0	14.4
24649.688	10238	16.2	16.0	<16.2	15.9	13.1	14.3
24650.692	10247	16.1	16.0	<16.2	16.1	12.9	15.5
24653.749	10265	16.2	16.0	16.3	16.1	13.7	14.5
54.744	10269	16.2	16.0	<16.2	16.1	13.5	14.4
55.787	10277	16.1	15.9	16.4	16.0	13.6	14.3
56.786	10282	16.0	16.0	16.5	15.9	13.6	14.3
69.687	10308	15.9	15.1	16.1	15.9	12.6	14.5
70.680	10315	15.9	15.1	15.9	15.9	12.7	14.7
78.683	10345	15.5	14.4	16.0	15.8	13.0	14.7
79.682	10354	15.4	13.8	15.7	15.9	13.0	14.8
97.622	10425	15.3	13.5	15.0	15.5	12.8	15.5
99.689	10440	15.2	13.3	15.1	15.1	13.0	15.7
102.685	10456	15.2	13.1	15.3	15.4	13.1	15.9
04.682	10472	15.0	13.6	14.3	15.6	13.2	16.0
06.687	10488	15.1	13.5	14.7	15.1	13.3	16.0
10.691	10515	14.7	13.3	14.5	15.4	12.2	15.9
27.565	10570	15.0	13.8	14.5	15.9	13.3	15.9



226	331	106	468	186	471	469
13.6	16.2	<16.3	16.5	<16.0	15.6	16.0
13.8	16.4	<15.5	15.6	15.5	15.7	<16.1
13.7	16.4	16.0	15.7	16.3	15.3	16.0
13.6	15.8	<16.3	15.3	<16.0	15.8	<16.1
13.8	15.7	<16.3	16.0	15.4	15.5	<16.1
13.7	16.4	<16.3	15.9	15.4	15.2	<16.1
13.6	16.4	<15.5	<15.4	15.4	<15.5	<16.1
13.7	16.4	<16.3	15.9	15.6	15.9	16.5
13.7	15.6	<16.3	15.6	15.8	16.2	16.5
13.6	15.8	<16.3	16.1	15.9	15.5	<16.1
13.6	16.2	<16.3	15.5	15.9	16.4	16.5
13.5	16.0	<16.3	16.0	15.9	16.0	16.4
13.7	16.2	<16.3	15.8	15.9	15.3	<16.1
13.6	15.8	<16.3	—	16.0	15.4	16.2
13.6	15.8	<16.3	15.7	16.0	16.2	16.2
13.6	16.2	<16.3	15.5	16.2	16.0	16.1
13.6	16.3	16.5	16.0	16.1	15.3	16.1
13.7	16.1	16.4	16.0	16.3	16.3	16.3
13.7	16.3	16.4	16.0	<16.0	15.4	<16.1
13.8	16.2	16.4	15.9	<16.0	16.1	16.2
13.7	16.3	16.4	15.5	<16.0	16.3	16.2
13.6	16.4	16.4	15.6	<16.0	16.2	16.2
13.9	16.2	16.2	15.8	<16.0	16.3	16.2
13.6	16.3	16.1	16.0	<16.0	16.0	16.2
13.6	16.3	16.0	16.1	<16.0	15.5	16.0
14.0	16.0	15.9	15.5	<16.0	16.2	15.9
13.7	16.2	15.9	15.9	<16.0	15.9	16.4
13.9	16.4	15.7	15.3	<16.0	16.2	16.2

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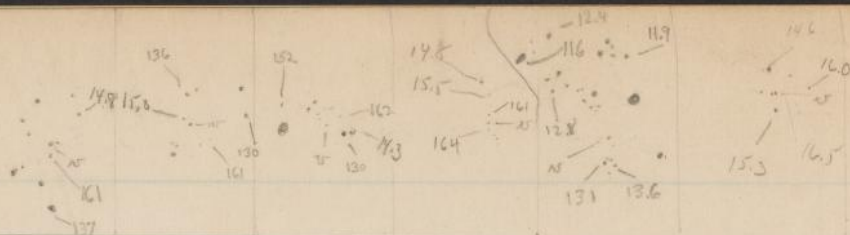
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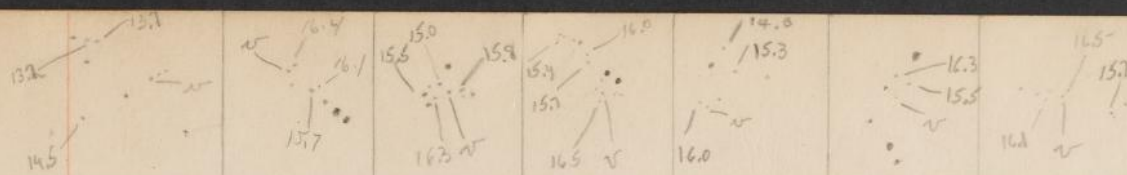
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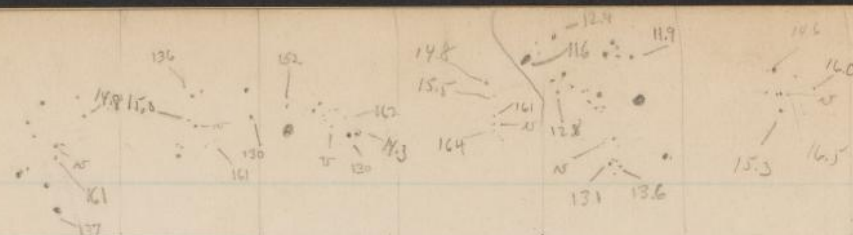


29 28 41 31 32 34

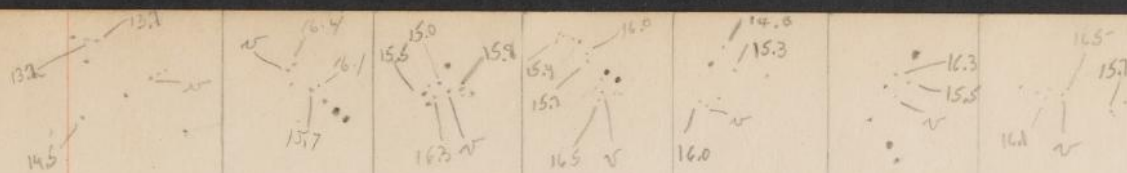
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33.564	10614	15.3	14.0	14.4	16.0	13.1	16.1
53.532	10666	15.6	14.9	14.8	16.0	13.3	<16.0
55.529	10671	15.8	15.1	14.7	16.0	13.2	<16.0
59.474	10683	16.1	15.1	14.8	16.1	12.8	16.2
25330.613	11492	14.7	16.0	15.1	<16.4	12.9	15.2
82.499	11645	16.1	13.4	14.4	<16.4	13.0	<16.0
83.467	11658	16.2	13.4	14.6	<16.4	12.9	<16.0
84.529	11674	16.0	13.5	off	16.4	13.0	<16.0
85.496	11687	16.3	13.4	14.7	<16.4	13.0	<16.0
86.432	11699	16.0	13.5	14.6	<16.1	13.0	<16.0
88.459	11713	16.2	13.3	14.7	<16.4	12.9	<16.0
89.484	11728	16.2	13.4	14.9	<16.4	12.7	<16.0
410.487	11798	16.2	13.6	15.9	<16.4	13.4	<16.0
12.531	11817	14.9	13.6	16.0	16.4	13.6	<16.0
14.364	11840	14.9	13.5	16.0	<16.1	13.0	<16.0
17.405	11868	14.9	13.6	16.2	16.3	12.1	<16.0
65.279	12147	15.7	15.8	<16.2	16.5	12.8	15.4
81.232	12255	<14.8	<15.0	<15.2	<15.5	12.8	15.1
25705.591	12947	<16.1	14.6	<16.2	<16.4	12.6	<16.0
66.522	12951	16.0	14.7	<15.2	<15.5	12.8	<16.0
17.607	13036	16.1	13.5	<16.2	<15.5	12.8	<16.0
20.507	13038	16.1	13.6	<15.2	<16.1	12.1	<16.0
20.538	13039	16.1	13.4	<16.2	<16.1	11.9	<16.0
.591	13040	16.0	13.6	<16.2	<16.4	12.0	<16.0
.634	13042	16.1	13.8	<15.2	<15.5	11.9	<16.0
42.563	13103	14.9	13.4	16.5	<16.4	12.4	<16.0



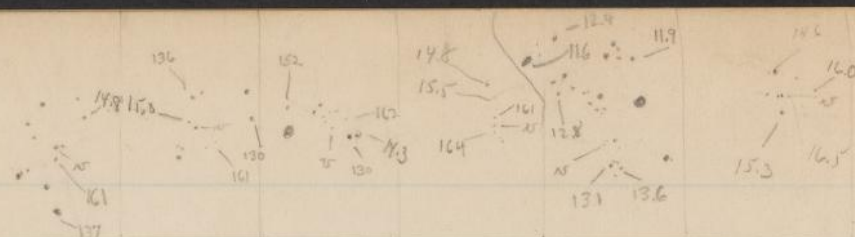
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13.6	16.4	15.8	15.4	<16.0	15.7	<16.1
13.6	16.4	15.7	15.4	<16.0	15.9	16.3
13.7	16.2	16.2	15.9	<16.0	16.2	16.4
14.0	16.2	16.4	16.1	<16.0	15.6	16.4
13.6	15.6	16.5	15.8	<16.0	15.5	16.5
13.7	16.2	16.5	15.7	<16.0	16.4	16.1
13.7	15.9	15.7	15.8	<16.0	15.3	<16.1
13.6	16.0	15.6	16.1	<16.0	15.4	<16.1
13.6	16.2	15.6	16.2	<16.0	<15.5	<16.1
13.6	16.4	15.7	15.7	<16.0	16.2	<16.1
13.8	16.3	15.6	15.9	<16.0	15.5	<16.1
13.9	16.3	15.7	15.7	<16.0	16.3	<16.1
13.7	15.9	15.6	15.8	<16.0	15.3	<16.1
13.7	16.1	15.8	15.8	<16.0	15.7	<16.1
13.6	16.1	15.9	16.0	<16.0	15.2	<16.1
13.7	16.1	<15.5	16.1	<16.0	15.7	<16.1
13.7	16.3	16.3	15.7	<16.0	15.7	16.1
14.0	16.1	16.5	15.9	<16.0	16.0	16.2
13.6	15.9	<15.5	<15.4	<16.0	<15.5	<15.7
13.6	16.1	<16.3	15.8	<16.0	16.0	<16.1
13.6	15.9	<16.3	<15.4	<15.3	15.5	<15.7
13.6	16.1	<16.3	16.0	<16.0	15.6	16.2
13.6	16.1	<15.5	<15.7	<16.0	<15.5	<16.1
13.6	<16.1	<16.3	<15.4	<16.0	16.0	16.2
13.6	16.2	<16.3	15.7	<16.0	16.2	16.2
13.7	<15.7	<15.5	<15.4	<15.3	<15.5	<15.7
13.9	16.3	<16.3	15.8	<16.0	16.2	15.8



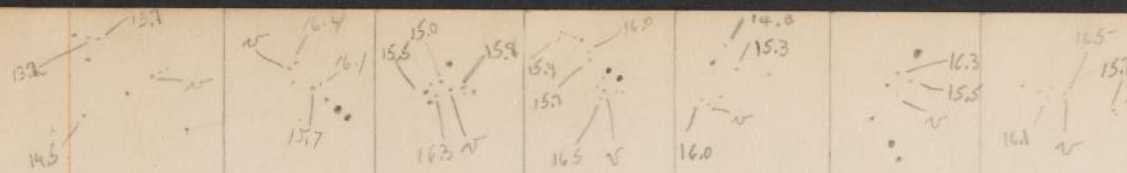
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25745.447	MF13115	14.7	13.5	<16.2	<16.1	12.0	<16.0
95.399	13301	15.9	14.8	15.3	16.4	11.9	14.7
27680.226	19742	15.9	16.1	<16.2	16.5	13.3	<16.0
26067.619	B54048	14.8	13.4	16.3	16.4	13.0	<16.0
75.586	54073	14.7	13.5	<16.2	16.4	12.8	<16.0
89.517	54104	15.0	13.5	<15.2	16.5	13.3	15.9
90.578	54114	14.9	13.6	<15.2	<16.1	13.3	15.9
91.445	54124	14.9	13.7	<16.2	<16.4	13.3	15.8
91.477	54125	14.8	13.6	16.3	16.4	13.3	15.9
91.508	54126	14.8	13.6	16.2	<16.1	13.3	15.8
91.540	54127	14.9	13.5	16.3	16.3	13.3	15.7
91.572	54128	14.9	13.6	<15.2	<16.4	13.3	15.8
91.604	54129	14.9	13.6	<16.2	16.5	13.4	15.8
91.636	54130	14.8	13.6	16.3	<16.1	13.5	15.9
92.503	54140	14.9	13.6	<15.2	<16.4	13.6	15.8
93.503	54154	14.9	13.6	<15.2	<16.4	13.7	15.8
95.540	54169	15.2	13.7	<16.2	16.5	13.0	15.9
96.500	54182	15.1	13.6	<16.2	<16.4	12.9	15.9
97.523	54196	15.1	13.8	<16.2	16.5	12.6	15.9
102.535	54214	15.4	13.9	<16.2	16.5	12.2	15.7
03.538	54219	15.7	14.0	<15.2	<16.4	12.3	15.2
04.507	54223	15.9	14.3	<16.2	16.2	12.2	14.8
20.499	54267	16.0	14.7	<15.2	<16.1	12.9	14.7
23.462	54294	16.2	14.8	<16.2	16.4	11.8	14.4
30.363	54324	16.3	14.9	<16.2	<16.4	12.4	14.6
31.493	54341	16.2	15.0	16.4	<16.4	12.7	14.5
44.365	54357	16.2	15.1	16.3	<16.1	13.3	14.6



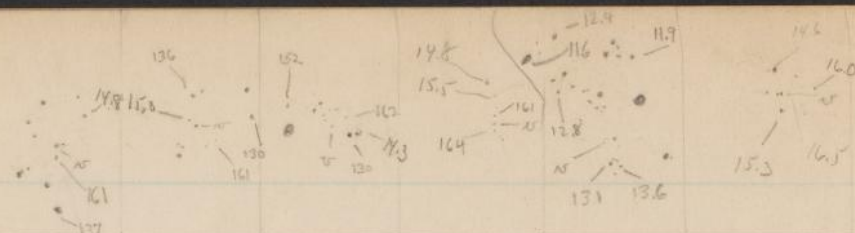
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13.6	16.2	<16.3	15.9	<16.0	15.5	16.4
13.7	16.3	16.1	15.9	<16.0	15.9	<16.1
14.1	16.3	16.3	15.9	<16.0	16.0	<16.1
14.2	16.4	16.5	16.1	<16.0	16.0	16.5
13.7	<16.1	<15.5	<15.4	<16.0	<15.5	<15.7
13.8	<16.1	<16.3	15.9	<16.0	15.9	<16.1
13.7	16.3	<16.3	<15.7	<16.0	<15.5	<16.1
13.7	16.4	<16.3	16.2	<16.0	16.0	<16.1
13.7	16.0	16.5	16.1	<16.0	16.2	16.5
13.7	16.2	<15.5	<15.4	<16.0	<15.5	<16.1
13.6	16.2	<16.3	15.9	<16.0	16.1	<16.1
13.7	16.3	<15.5	15.9	<16.0	<15.5	<16.1
13.8	15.8	<15.5	16.1	<16.0	16.1	<16.1
13.6	16.1	<15.5	16.2	<16.0	15.4	16.5
13.7	16.2	16.4	16.1	<16.0	16.3	16.5
14.3	16.4	16.5	15.8	<16.0	16.0	<16.1
13.6	16.4	16.5	15.9	<16.0	15.7	16.3
13.7	16.1	16.4	15.6	<16.0	16.4	16.1
13.7	16.3	<16.3	15.9	<16.0	15.5	16.1
13.6	16.2	<15.5	15.9	<16.0	16.2	16.0
13.7	<16.1	<15.5	<15.4	<15.3	15.5	<15.7
13.6	16.0	<16.3	15.6	<16.0	16.1	16.3
13.7	16.2	<16.3	14.0	<16.0	15.9	<16.1
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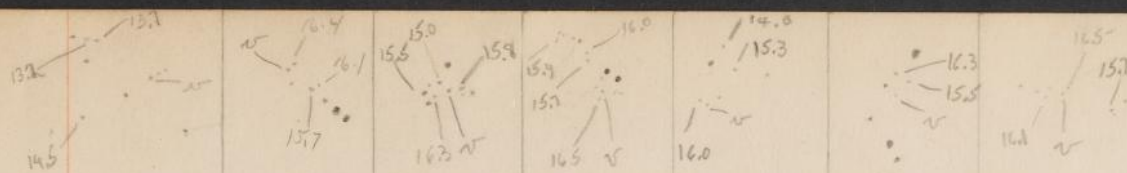
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48.480	54389	15.7	15.5	<16.2	<16.4	12.0	15.1
53.437	54405	15.4	15.3	<16.2	<15.5	12.2	15.0
54.391	54418	15.0	15.2	<16.2	16.3	12.4	15.3
58.375	54452	14.9	15.7	<15.2	<16.4	12.6	15.4
60.452	54476	14.8	16.0	<15.2	<16.1	12.6	15.6
61.453	54480	14.7	16.0	<15.2	<15.5	12.9	16.0
74.332	54494	14.5	<15.0	16.0	<16.1	12.1	15.9
75.363	54503	14.4	16.0	16.0	<16.4	12.2	16.0
76.360	54512	14.2	15.8	16.0	16.3	11.9	15.8
77.396	54521	13.9	15.9	15.9	<16.4	12.3	16.0
81.369	54547	13.9	16.1	15.9	16.5	12.5	16.0
88.395	54587	14.4	<15.0	<15.2	<16.1	12.9	<16.0
202.246	54610	14.4	16.0	15.1	16.5	12.3	<16.0
04.259	54614	14.7	<15.0	14.6	<16.1	12.3	<16.0
31.249	54663	16.0	<16.1	13.5	<16.1	12.2	<16.0
43.229	54704	16.1	<15.0	13.7	<16.1	13.3	<16.0
441.540	55020					13.3	
52.550	55043	15.8	13.6	14.7	16.2	12.0	14.5
60.596	55106					12.4	
74.471	55159					12.6	
75.492	55162					12.0	
79.507	55190					12.1	
81.461	55213	14.7	15.1	16.0	16.4	12.5	15.4
84.497	55247					12.2	
86.465	55267					12.7	



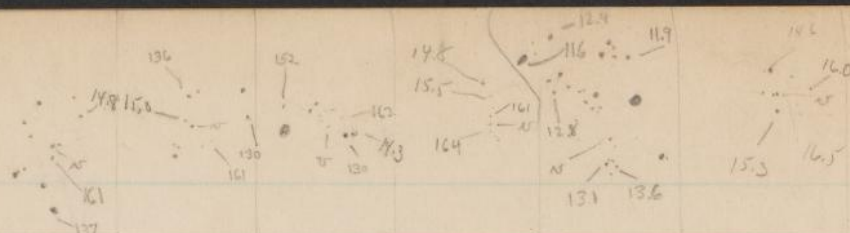
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13.7	16.0	<16.3	16.1	<16.0	16.1	16.1
13.6	<16.1	<16.3	15.9	<16.0	<15.5	<16.1
13.6	<16.1	<16.5	15.8	<16.0	15.9	16.2
13.6	16.2	<15.5	<15.7	<16.0	<15.5	<16.1
13.8	16.2	<16.3	16.1	<16.0	15.5	<16.1
13.6	16.4	<16.3	16.1	<16.0	15.5	<16.1
13.7	<16.1	<16.3	15.7	<16.0	<15.5	<16.1
13.6	16.1	<15.5	15.6	<16.0	15.6	<16.1
13.9	16.4	<15.5	15.9	<16.0	<15.5	<16.1
13.7	16.2	<16.3	15.6	<16.0	15.5	<16.1
13.8	16.3	<16.3	16.0	<16.0	16.0	16.5
13.6	16.2	<16.3	16.1	<16.0	16.3	16.1
13.6	16.2	16.3	16.1	<16.0	15.6	<15.7
13.6	<16.1	<15.5	<15.7	<16.0	15.5	<15.7
13.8	16.3	<16.3	15.8	15.9	15.3	<16.1
13.7	<16.1	<15.5	<15.7	15.9	<15.5	<16.1
13.6	16.1	15.9	<15.4	15.8	16.3	16.4
13.6	16.2	<16.3	<15.7	15.8	15.3	<15.7
13.7	<15.7	<15.5	<15.4	<16.0	<15.5	<16.1
13.6	16.3	16.4	15.9	<16.0	15.7	16.4
13.8	15.9	<16.3	15.6	<16.0	<15.5	16.5
13.9	16.1	16.4	15.8	<16.0	<15.5	16.2
13.6	16.1	<15.8	15.8	<16.0	15.6	16.1
13.8	16.1	16.2	<15.4	<16.0	<15.5	<16.1
13.8	15.7	15.9	15.8	<16.0	16.3	<16.1
13.6	16.1	16.1	15.6	<16.0	16.1	<16.1
13.8	15.9	<15.8	<15.4	<16.0	<15.5	<15.7



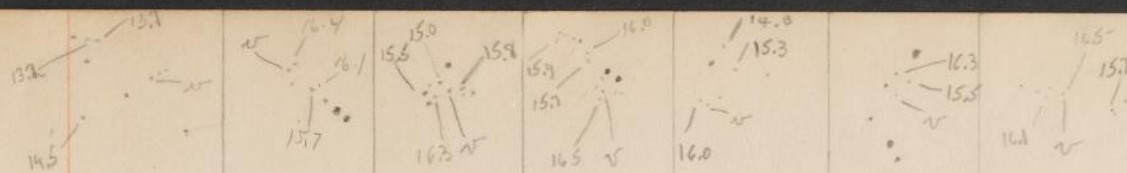
		29	28	41	31	32	34
26502.432	B 55299					12.1	
03.526	55310					12.2	
04.426	55321					12.2	
05.410	55334					12.1	
07.487	55351	15.0	15.9	<16.2	16.4	12.4	10.1
08.479	55360					12.2	
34.346	55414					12.7	
38.410	55423					12.6	
66.281	55510					13.0	
71.272	55533					13.8	
86.250	55554					12.2	
95.256	55575	14.7	16.2	<15.2	16.5	12.9	14.5
777.628	55872					11.9	
801.557	55914	15.1	15.1	16.1	16.5	12.5	15.9
04.561	55949					12.1	
09.635	55992					12.0	
10.513	56002					12.1	
31.572	56046					12.1	
67.523	56207	15.9	15.9	14.5	16.1	13.0	<16.0
72.504	56253					12.9	
925.375	56477	15.9	16.0	16.4	16.4	13.1	14.8
27.378	56490					12.6	
80.232	56684	14.9	<16.1	<15.2	<16.1	12.1	15.9
27.2	46.244	57381				12.8	
46.328	57384					12.8	
46.404	57387					12.6	
47.477	57397	<14.8	<15.0	<15.2	<15.5	12.9	<15.3



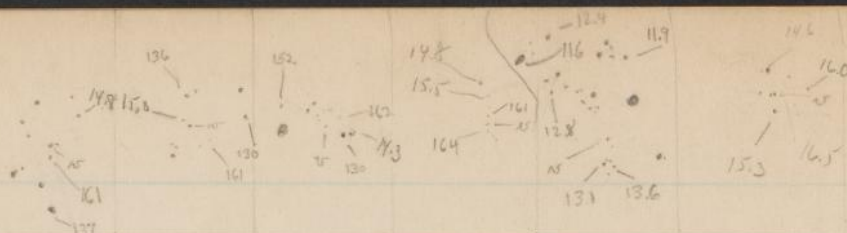
226	331	106	468	186	471	469
13.7	16.3	15.6	15.7	<16.0	15.6	<16.1
13.6	16.0	15.5	15.8	<16.0	16.0	16.4
13.7	16.2	15.5	15.9	<16.0	15.9	16.4
13.7	<15.7	<15.5	15.9	<16.0	15.9	<16.1
13.6	16.3	15.7	15.9	<16.0	16.1	16.4
13.6	16.4	15.7	15.5	16.3	16.0	16.4
13.6	15.6	16.0	15.9	15.7	16.1	16.3
13.6	<15.7	<15.8	<15.4	15.9	—	<15.7
13.7	16.4	<16.3	<15.7	15.9	16.2	<16.1
13.7	16.1	<16.3	15.5	16.0	15.7	<16.1
13.6	16.2	<16.3	15.4	<16.0	16.3	<16.1
14.2	16.1	<16.3	15.5	<16.0	15.9	<16.1
13.8	<15.7	<15.5	<15.4	<16.0	<15.5	<15.7
13.8	16.3	<16.3	15.5	<16.0	16.0	16.5
14.3	16.2	<16.3	15.6	<16.0	16.3	16.3
13.8	16.3	16.3	15.7	<16.0	15.5	16.1
13.9	16.0	<15.8	15.5	<16.0	15.7	<16.1
13.6	15.8	<16.3	15.9	<16.0	15.9	16.1
14.4 ^{sep}	16.3	16.5	15.9	16.0	15.4	<16.1
14.0	16.2	<16.3	15.6	16.0	15.9	16.3
13.6	16.5	16.1	15.7	<16.0	15.4	<16.1
13.8	16.3	16.4	15.8	<16.0	15.7	<16.1
13.6	<15.7	<15.5	15.7	<16.0	—	<16.1
13.5	—	<15.5	<15.4	<15.3	—	—
13.9	—	—	<15.4	<15.3	—	—
—	—	—	—	—	—	—
14.1	<15.7	<15.5	<15.4	<15.3	16.4	—



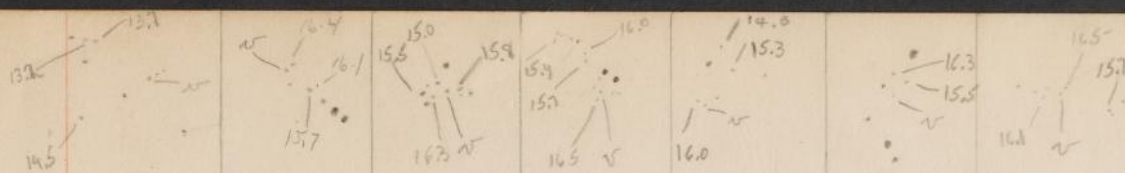
		29	28	41	31	32	34
27923.6216	059678	14.9	16.0	16.2	16.5	12.3	14.5
51.5473	59749					12.9	
78.4589	59917	15.4	16.2	14.4	16.5	12.9	< 16.0
28042.3144	60123	14.6	16.0	< 16.2	16.5	12.0	16.0
28063.2269	60191	14.6	16.1	< 16.2	16.4	13.3	15.5
287.4235	60738	15.0	16.1	< 16.2	< 16.1	13.3	16.0
371.3409	61113	15.0	16.0	14.6	16.5	12.1	15.7
391.3079	61186	15.0	15.9	14.4	16.5	13.1	14.7
668.4040	61936	14.8	16.0	< 15.0	16.1	12.8	< 16.0 ✓
699.2722	62101	14.7	< 15.0	< 15.0	< 15.5	12.8	< 16.0 !
742.3420	62292	14.9	< 16.1	< 15.0	< 15.5	13.3	14.6
776.2802	62444	14.9	14.0	15.0	16.5	12.1	16.0 ✓
26469	RB 1679					13.3	
477	1717					11.5	
84	1755					12.4	
90	1803					13.3	
546	1938					< 13.1	
87	2083					12.1	
98	2127					12.2	
606	2152					< 13.1	
777	2525					11.5	
829	2690					11.8	
94	3061					13.4	
911	3207					12.4	
14	3233					12.2	
72	3530					< 13.1	
7141	3956					12.0	



226	331	106	468	186	471	469
<u>13.6</u>	16.1	<16.3	15.8	<16.0	16.0	16.2
13.5	16.4	<16.3	15.6	<16.0	16.2	<16.1
13.5	16.2	16.1	16.0	<16.0	16.0	16.4
13.7	16.2	16.1	15.8	<16.0	16.1	16.4
13.6	16.2	15.8	16.1	<16.0	16.3	<16.1
13.5	16.3	<16.3	15.4	<16.0	16.1	16.2
13.6	16.3	<16.3	15.8	<16.0	16.2	16.4
13.6	16.4	<13.6	16.0	<16.0	15.6	16.4
13.8	<15.7	<15.5	15.4	<16.0	<15.5	<16.1
13.9	16.3	16.2	<15.4	<15.3	—	—
13.6	15.9	16.5	15.6	<16.0	16.1	16.3



		29	28	41	31	32	34
27194	RB4111					12.2	
219	4187					12.2	
270	4435					12.1	
324	4605					13.0	
525	4983					12.6	
65	5157					11.8	
72	5202					13.1	
629	5419					13.4	
35	5467					13.2	
83	5593					13.7	
95	5651					12.0	
959	6154					13.5	
91	6254					11.6	
28309	6789					13.0	
365	6902					13.0	
610	7276					17.4	
664	7342					12.8	
719	7454					13.0	
743	7495					13.5	
782	7576					12.5	
761	7750					12.6	
29081	8089					11.6	
108	8139					11.9	
161	8255					13.4	
28994.5202	B62967	14.7	16.0	15.4	16.5	12.3	16.0
29048.5597	63201	<16.1	16.0	14.3	16.1	13.0	14.6
29076.4362	63317	15.4	16.0	15.3	16.1	13.5	15.6
29109.2124	63487	14.7	15.0	<15.2	16.3	12.3	16.0
29134.3159	63584	15.8	13.5	<16.2	16.4	11.9	16.1
29166.8558	63722	15.8	13.4	<16.2	16.4	13.5	15.9

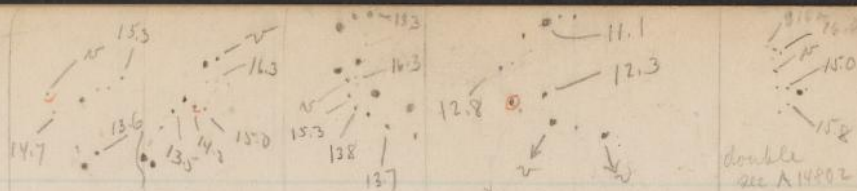


226	331	106	468	186	471	469
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13.7	16.2	16.5	15.5	<16.0	16.1	16.5
13.6	16.2	<16.3	15.8	<16.0	15.4	<16.1
13.6	16.2	<16.3	15.4	<16.0	15.6	16.2
13.6	16.2	<16.3	15.7	<16.0	15.8	<16.1
13.9	16.2	<16.3	15.7	<16.0	15.6	16.4
13.6	15.9	16.3	15.8	<16.0	16.0	16.3

		27	28	41	31	32	34
24762.496	A14011	15.8	15.2	off	16.4	11.8	16.3
.524	12	16.0	15.2	off	16.3	11.8	16.3
.552	13	15.9	15.2	off	16.5	12.0	16.2
.580	14	15.9	15.2	off	<16.4	11.9	16.3
.611	15	15.9	15.2	off	<16.4	12.0	16.2
.641	16	15.9	15.2	off	<16.4	11.7	16.3
24641.682	13659	15.9	16.1	off	<16.5	12.2	14.6
44.679	682	<14.8	16.1	off	<16.4	12.1	14.5
82.584	832	15.2	13.5	off	<16.4	12.6	14.7

226	331	106	468	186	471	469
14.3	16.3	16.5	16.1	<16.0	15.2	<16.1
14.0	16.4	16.4	15.9	<16.0	15.2	<16.1
14.0	16.4	16.4	16.0	<16.0	15.7	<16.1
13.9	16.2	16.4	16.1	<16.0	15.9	<16.1
13.7	16.3	16.5	16.0	<16.0	16.0	<16.1
13.7	16.3	16.5	16.1	<16.0	16.4	<16.1
13.6	16.2	<16.3	15.8	15.5	16.2	16.5
13.6	16.3	<16.3	16.0	15.7	off	<16.1
13.7	16.2	16.4	16.3	<16.0	16.2	<16.1



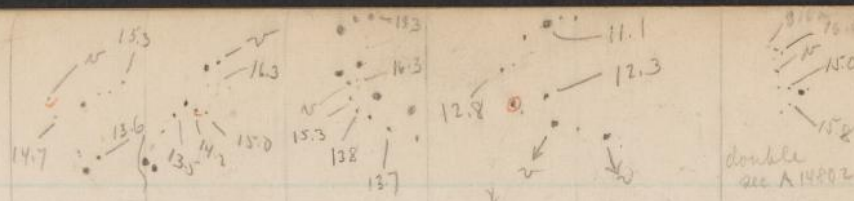
redish

		465	65W	63W	293	24	316	316a
23912. 969	MF 8544	14.4	16.3	14.2	12.1	11.7	<16.0	15.9
92. 590	8723	14.5	15.4	15.5	12.1	12.3	14.7	15.9
4018. 530	8755	14.7	15.9	16.2	11.7	12.0	15.2	15.8
370. 552	9648	14.5	16.2	16.0	13.1	12.1	16.1	16.0
623. 762	10132	14.0	15.1	15.7	12.5	12.1	16.3	15.9
26. 753	38	14.3	15.3	15.3	12.3	12.1	16.2	16.0
27. 755	43	14.5	15.1	15.2	12.5	12.0	<16.0	15.8
42. 760	89	14.4	14.0	13.6	12.1	11.7	16.0	15.9
46. 699	214	14.7	13.6	13.4	12.0	11.8	16.0	16.0
47. 686	22	14.3	13.8	13.5	12.1	11.7	16.0	15.8
48. 687	30	13.9	13.4	13.5	11.8	11.4	16.1	15.9
49. 688	38	14.3	13.3	13.7	12.1	11.8	16.0	15.8
50. 692	47	14.4	13.4	13.5	12.1	11.9	15.8	15.8
53. 749	65	14.7	13.3	13.6	12.1	12.6	16.2	16.0
54. 744	69	14.5	13.4	13.5	11.9	12.4	16.2	15.9
55. 787	77	14.5	13.4	13.5	12.0	12.3	15.9	16.1
56. 786	82	14.6	13.4	13.6	12.1	12.4	16.1	16.1
69. 687	308	14.5	13.6	13.6	12.2	12.7	16.1	16.0
70. 680	15	14.6	13.8	13.6	12.2	12.8	16.0	15.8
78. 683	45	14.4	14.2	13.7	12.3	12.6	16.0	15.8
79. 682	54	14.3	14.1	13.7	12.4	12.7	15.7	16.0
97. 622	425	14.7	15.1	14.7	12.2	11.9	16.1	16.0
99. 689	40	14.8	15.1	14.9	12.3	12.7	16.1	16.0
702. 685	56	14.6	15.2	15.1	12.1	12.7	16.1	16.1
4. 682	72	14.7	15.6	15.2	12.1	12.6	16.1	16.1
6. 687	88	14.8	15.2	15.4	12.2	12.4	16.0	16.1
10. 691	515	14.6	15.6	15.4	12.1	12.9	16.1	16.0
27. 565	70	14.6	16.0	15.8	12.0	12.7	16.1	16.1
31. 558	92	14.8	15.7	15.8	11.8	12.4	16.1	16.0

24292,

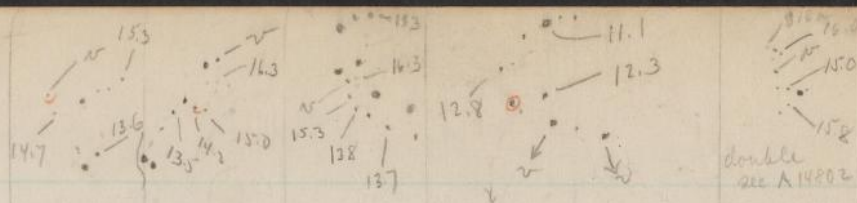
MF 8755
MF 9162

26	27	235	253	34W	123
15.6	14.0	16.0	14.9	16.2	16.5
15.9	13.6	15.0	14.4	< 14.5	< 14.0
15.5	14.6	16.1	14.9	< 16.0	16.5
15.85	15.3	16.0	14.2	< 14.5	< 15.0
15.2	15.1	16.1	14.0	15.5	13.3
15.4 ^{double}	15.1	16.2	14.2	15.0	14.3
< 14.9	14.6	15.2	14.5	< 14.5	< 14.0
14.6 15.0	14.6	15.6	15.7	15.9	16.3
15.9	12.8	15.7	15.0	15.9	16.4
15.6	12.9	16.0	14.9	< 14.5	< 15.0
14.9	12.7	16.0	14.8	15.8	16.4
15.7	12.8	15.1	14.4	15.9	16.5
15.7	13.1	16.2	14.0	< 14.5	16.3
15.8	13.4	15.9	13.8	16.0	< 15.0
15.4	14.1	15.0	13.9	16.0	16.5
14.5	15.1	16.3	14.1	16.0	< 16.5
15.8	15.1	15.6	14.1	16.1	< 16.5
15.8	13.4	16.1	14.7	< 16.0	16.5
15.4	14.4	16.0	14.9	< 14.5	< 15.0
15.5	12.7	15.1	15.0	< 16.0	< 16.5
15.6	12.8	15.9	14.9	< 16.0	< 16.5
15.8	13.1	15.0	15.0	< 16.0	< 16.5
14.7	12.8	15.9	14.3	< 16.0	< 16.5
14.4	14.7	15.2	14.0	< 16.0	< 16.5
15.8	15.1	15.7	13.7	< 16.0	< 16.5
15.8	14.6	16.0	13.8	< 16.0	< 16.5
15.7	12.3	16.1	14.0	< 16.0	< 16.5
15.2	12.9	16.1	15.2	< 16.0	< 16.5
15.7	13.2	14.9	15.3	< 14.5	< 16.5



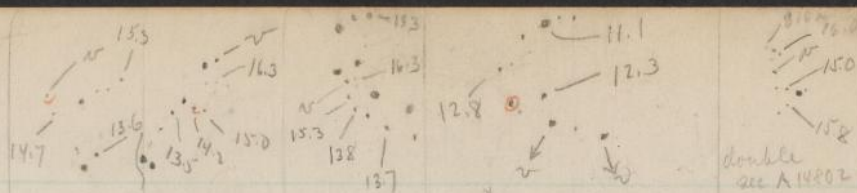
		465	65W	63W	293	24	316	316a
24 733.564	MF 10614	14.8	15.9	16.0	12.0	12.4	16.2	16.1
53.532	66	14.5	16.5	16.1	12.6	12.6	15.1	16.1
5.529	71	14.2	16.5	16.2	12.6	12.4	15.0	16.1
9.474	83	14.5	16.3	16.2	12.7	12.6	15.1	16.1
25330.613	11492	14.7	15.9	15.9	11.8	12.1	15.0	<15.0
82.499	645	14.4	14.6	13.5	12.1	12.1	16.1	16.1
3.467	58	14.6	14.3	13.6	12.0	12.0	15.8	16.1
4.529	74	14.4	14.7	13.6	12.0	12.0	15.9	15.8
5.496	87	14.6	13.8	13.7	12.0	12.1	16.0	def.
6.432	99	14.7	14.5	13.6	11.8	12.2	16.1	16.1
8.459	713	14.8	14.5	13.9	11.9	12.1	16.1	16.2
9.484	28	14.6	14.6	13.8	12.0	12.1	16.1	16.1
410.487	98	14.6	14.9	14.8	12.1	12.2	15.8	16.0
2.531	817	14.7	15.1	14.9	12.1	12.2	15.8	15.8
4.364	40	14.8	15.1	15.0	12.0	12.1	<15.8	16.0
7.405	68	14.6	15.3	15.2	12.2	12.0	16.1	16.0
65.279	12147	14.8	16.3	16.2	11.9	11.8	16.0	15.9
81.232	255	14.8	<15.0	<15.3	12.1	12.0	<15.0	<15.0
705.591	947	14.6	15.4	<15.3	11.9	12.0	15.8	15.8
6.522	57	14.7	15.6	<15.3	11.9	12.7	<15.0	<15.0
17.607	13036	14.5	14.7	16.2	12.0	12.6	<15.0	<15.0
20.507	38	14.5	14.8	<15.3	12.1	12.9	<15.0	<15.0
.538	39	14.5	14.7	<15.3	12.1	12.7	<15.0	<15.0
.571	40	14.5	14.7	16.2	12.0	12.9	16.2	16.1
.634	42	14.4	14.5	<15.3	12.1	12.9	<15.0	<15.0
42.563	103	14.7	15.0	<15.3	12.3	12.9	15.9	16.0
45.447	15	14.5	14.6	16.2	12.3	12.9	15.9	15.7
95.399	301	14.8	16.2	15.5	12.4	12.4	15.9	16.2
27680.226	19742	14.9	<16.3	15.5	12.1	12.1	15.8	16.2

26	27	235	253	34W	173
15.5	13.7	15.4	15.2	<16.0	<16.5
15.7	15.0	15.8	14.0	<16.0	16.4
15.4	14.0	15.1	13.9	<16.0	16.5
15.9	12.8	16.0	14.0	<16.0	16.0
15.1	12.7	16.0	14.8	<14.5	<15.0
15.6	12.9	15.2	14.7	<14.5	<16.5
15.5	13.2	<15.5	14.6	<16.0	16.2
15.0	13.6	<15.5	14.6	<16.0	15.6
15.9	14.6	16.0	14.9	<14.5	15.6
15.6	15.1	15.4	14.8	<14.5	<14.0
15.9	15.2	16.1	14.9	<16.0	15.0
15.7	14.7	15.3	14.9	<16.0	15.0
15.8	12.8	16.0	15.2	<14.5	13.6
15.4	12.8	<16.0	15.0	<14.5	13.6
15.3	12.9	<15.0	15.0	<14.5	13.2
15.7	14.6	16.0	14.5	<14.5	13.5
15.4	14.3	16.1	14.7	13.6	14.9
14.5	14.6	<15.5	13.5	14.4	<15.0
15.9	15.0	15.4	15.0	15.5	<15.0
14.6	15.0	<15.0	15.0	<14.5	<15.0
15.6	13.2	16.0	14.6	<14.5	<15.0
15.9	14.8	<15.0	14.8	<14.5	<15.0
15.6	15.1	15.5	14.5	<14.5	<15.0
15.7	15.1	15.0	14.3	15.7	<16.5
15.7	14.8	<15.5	14.8	<14.5	<15.0
15.8	12.7	15.9	14.9	<16.0	<16.5
15.8	12.9	15.9	15.0	<14.5	<15.0
15.4	13.0	16.0	14.8	<16.0	<16.5
15.9	13.4	16.1	15.0	14.8	<16.5



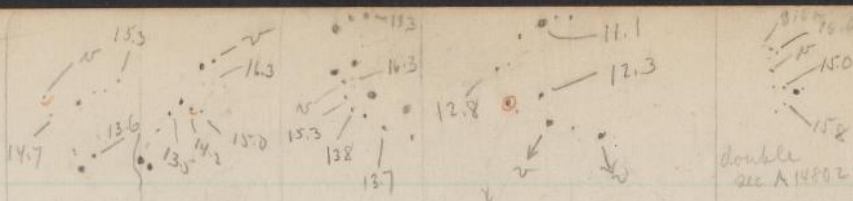
		465	65W	63W	293	24	316	316a
26067.619	B54048	14.9	15.1	13.6	12.1	12.6	15.9	16.0
75.586	73	14.8	14.7	13.7	11.9	12.9	15.3	16.0
89.517	104	14.8	13.7	13.8	12.1	13.0	15.3	16.1
90.578	14	14.6	13.2	14.1	12.1	13.0	<15.0	<15.0
91.445	24	14.7 ^{14.7}	13.7 ^{13.7}	13.8	12.2	13.0	<15.0	<15.0
91.477	25	14.7 ^{14.7}	13.3 ^{13.3}	13.8	12.1	13.0	15.2	<15.0
.508	26	14.0 ^{13.9}	14.3 ^{13.4}	13.9	12.0	12.9	15.4	16.0
.540	27	14.5 ^{14.5}	13.9 ^{13.7}	14.0	11.8	12.6	15.6	15.9
.572	28	14.6 ^{14.6}	14.2 ^{13.4}	13.9	11.9	13.0	<15.0	<15.0
.604	29	14.7 ^{14.7}	14.1 ^{13.6}	14.1	11.8	12.9	15.6	15.9
.636	30	14.9 ^{14.8}	13.9 ^{13.9}	14.0	11.9	13.1	15.6	<15.8
92.503	40	15.4 ^{15.4}	13.9	14.3	11.9	13.1	15.7	15.9
3.503	54	14.9	14.1	14.3	11.9	12.9	15.7	16.1
5.540	69	14.8	13.6	14.5	12.1	12.6	15.4	15.9
6.500	82	14.7	13.9	14.3	12.2	12.8	15.6	15.9
7.523	96	14.8	13.7	14.2	12.1	12.8	15.2	15.9
102.535	214	14.8	14.7	14.7	12.2	12.6	15.4	15.8
3.538	19	14.8	14.6	14.8	12.2	12.9	15.2	<15.0
4.507	23	14.9	14.7	14.9	12.1	12.9	15.2	16.1
20.499	67	14.9	15.2	15.0	12.3	12.9	15.4	<15.0
23.462	94	14.4	15.3	15.3	12.3	12.0	15.4	16.0
30.363	324	14.6	15.4	15.7	12.2	12.8	15.7	15.8
31.493	41	14.5	15.9	15.5	12.1	12.7	15.9	16.0
44.365	57	14.5	15.9	<15.3	12.0	12.6	<15.0	<15.0
6.397	70	14.8	16.1	15.5	11.8	12.4	15.8	16.1
7.482	83	14.9	15.8	15.4	11.9	13.0	15.5	<15.0
8.480	89	14.5	15.9	<15.3	11.9	12.9	<15.8	<15.8

26	27	235	253	34W	173
15.4	12.9	15.5	14.8	16.5	13.9
15.6	13.6	16.0	14.9	<16.0	14.2
15.8	14.5	15.1	14.2	<16.0	14.8
15.6	14.3	15.5:	14.0	<14.5	<15.0
15.5	13.7	15.5:	14.0	<14.5	<14.0
15.4	13.5	16.0	13.9	<14.5	15.0
15.7	13.2	15.9	14.3	<16.0	<14.0
15.6	13.4	16.0	14.1	<16.0	14.7
15.7	13.3	15.9:	14.2	<14.5	14.6
15.7	13.3	<15.5	14.1	<14.5	15.0
15.6	13.3	16.0	14.5	<14.5	<14.0
15.6	12.5	16.0	14.2	<14.5	<14.0
15.8	12.8	15.8	13.9	<16.0	14.8
15.0	12.8	16.2	14.4	15.8	14.9
15.7	12.9	15.5:	14.3	<16.0	14.9
15.8	13.1	16.0	14.2	15.9	14.9
15.6	15.1	<15.5	14.5	<14.5	15.0
15.7	15.1	16.0	14.9	15.3	15.0
15.6	14.3	16.1	15.0	15.3	15.0
15.6	15.1	15.2:	14.9	15.0	<14.0
15.6	13.0	15.2	14.9	14.8	16.5
15.7	13.2	15.9	14.6	15.0	<16.5
15.7	13.1	<15.5	15.0	15.0	<16.5
15.3	13.1	15.6:	14.2	15.0	<15.0
15.6	13.3	15.5	14.3	<14.5	<15.0
15.8	13.6	15.5:	14.5	<14.5	<15.0
15.5	14.8	<15.5	14.5	15.3	<15.0



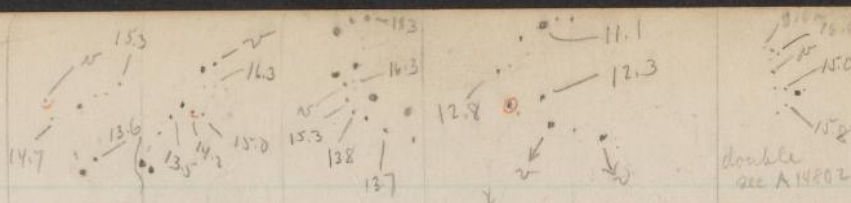
		465	65W	63W	293	24	316	316a
26153.437	DS445	14.8	16.0	15.3	12.0	12.8	<15.0	<15.0
4.391	18	14.8	16.1	15.9	12.1	13.0	15.9	16.0
8.375	52	14.8	<15.0	16.1	11.9	13.0	<15.0	<15.0
60.452	76	14.9	<15.0	15.9	12.6	13.1	<15.8	15.8
61.453	80	14.8	<15.0	<15.3	12.1	13.1	15.2	<15.0
74.332	94	14.4	<15.0	<15.3	12.9	12.8	<15.0	<15.0
75.363	503	14.2	<16.3	<15.3	13.0	12.9	<16.0	<16.0
6.360	12	14.6	<15.0	<15.3	13.0	12.9	<15.0	<15.0
7.396	21	14.5	16.4	15.6	13.0	12.9	<15.0	<15.0
81.369	47	14.5	<15.0	<15.3	12.8	12.8	<15.0	<15.0
8.345	87	14.9	<15.0	<15.3	13.1	12.8	<15.0	<15.0
202.246	610	14.3	<15.0	<15.3	12.1	12.9	<15.0	<15.0
4.259	14	14.5	<15.0	<15.3	12.3	12.7	<15.0	<15.0
31.249	63	14.6	<15.0	<15.3	11.8	12.0	<15.0	<15.0
43.229	704	14.6	<15.0	<15.3	12.2	12.7	—	—
441.540	55020	14.6	15.1	<15.3	12.0	12.3	—	—
52.550	43	14.38	14.6	<15.3	12.0	12.0	15.9	16.1
60.596	106	14.4	15.2	<15.3	11.9	12.0	15.8	<15.8
74.471	59	14.3	15.2	<15.3	12.1	12.3	<15.0	<15.0
5.492	62	14.1	15.7	<15.3	12.2	12.6	<15.0	<15.0
9.507	90	14.1	15.8	<15.3	12.0	12.0	<15.0	<15.0
81.461	213	14.2	15.7	<15.3	12.3	12.7	16.0	15.9
4.497	247	14.5	15.4	<15.3	12.3	12.9	15.8	<15.8
6.465	67	14.5	15.5	<15.3	12.4	12.8	—	—
502.432	99	14.5	15.9	15.5	12.2	12.2	<15.0	<15.0
3.526	310	14.5	16.2	15.5	12.6	12.5	16.3	16.1
4.426	21	14.4	16.1	15.5	12.1	12.2	16.0	16.1

26	27	235	253	34W	173
15.7	14.6	<15.5	14.6	<14.5	<15.0
15.6	13.5	15.3	14.3	15.7	<16.5
15.5	12.9	15.9	14.6	15.9	<16.5
<15.7	13.2	<15.5	14.7	<14.5	<15.0
15.5	12.9	<15.0	14.9	<14.5	<15.0
15.4	13.2	<16.0	14.8	<14.5	<16.5
15.9	12.9	15.9	14.5	<16.0	<15.0
15.7	13.0	15.2	14.7	<16.0	<15.0
15.4	13.1	<15.5	14.9	<14.5	<15.0
16.0	15.2	15.4	14.8	<14.5	<15.0
15.7	12.8	15.2	14.8	<14.5	<15.0
14.3	13.3	15.3	14.3	<14.5	<16.5
15.5	12.9	<15.5	14.2	<16.0	<15.0
15.5	14.6	15.3	14.8	<14.5	<16.5
15.2	14.2	<15.5	14.9	<14.5	<14.0
<14.9	13.1	<15.0	<14.7	<14.5	<15.0
15.4	14.5	16.0	14.9	<16.0	14.8
15.6	12.9	16.1	14.6	<14.5	14.2
15.2	12.4	<15.5	14.6	<14.5	13.8
15.6	12.9	15.3	14.8	<14.5	13.6
15.6	13.1	<15.5	14.6	<14.5	13.7
15.8	13.3	16.1	14.8	<14.5	13.5
15.1	15.0	<15.5	14.6	<14.5	13.5
<14.9	14.6	<15.0	15.0	<14.5	13.3
15.5	14.7	15.5	14.9	<14.5	14.2;
15.1:	14.7	<15.5	15.0	<14.5	14.1
15.8	13.5	15.4	15.0	<16.0	14.2



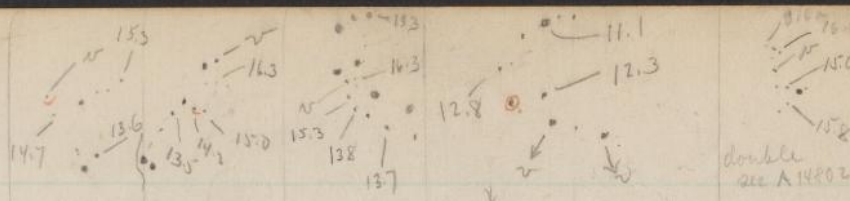
		465	65W	63W	293	24	316	316a
26505.410	B55334	14.5	16.0	15.6	12.3	12.2	16.1	16.0
7.487	51	14.6	16.3	15.7	12.3	12.3	16.0	16.0
8.479	60	14.5	16.0	15.6	12.2	12.1	16.0	15.9
34.346	414	14.2 ^{14.0}	16.4	13.4	12.1	12.3	<15.8	15.8
8.410	23	14.1	<15.0	13.2	12.1	12.4	<15.0	<15.0
66.281	510	14.6	<15.0	13.5	12.7	12.1	<15.0	<15.0
71.272	33	14.5	<15.0	13.6	12.0	11.9	<15.0	<15.0
86.250	54	14.5	<16.3	14.3	11.8	11.7	15.6	<15.8
95.256	75	14.1	16.2	15.1	11.8	12.3	15.9	16.0
777.628	872	14.8	15.2	13.7	12.1	10.8	—	—
801.557	914	14.9	14.5	14.3	12.5	12.3	15.8	15.9
4.561	49	14.8	14.4	14.4	12.2	12.1	16.2	16.1
9.635	72	14.8	14.1	14.8	11.5	11.9	<15.8	16.1
10.513	56002	14.8	14.5	14.2	12.0	12.0	<15.0	<15.0
31.572	46	14.5	15.0	15.1	11.9	11.3	16.0	15.8
67.523	207	14.9	15.9	16.1	13.4	10.6	15.7	16.0
72.504	53	14.8	16.4	<15.3	13.1	10.5	15.7	16.1
925.375	477	14.8	<15.0	<15.3	11.9	11.5	15.1	16.1
7.378	70	14.9	<16.3	<15.3	12.1	11.2	15.4	16.1
80.232	684	14.8	<15.0	14.5	12.0	10.9	—	—
27246.244	57381	14.7	<15.0	13.4	11.9	10.6	—	—
.328	84	<13.6	<15.0	13.5	11.9	10.6	—	—
.464	87	—	<13.5	<12.8	12.1	10.7	—	—
47.477	97	14.9	<15.0	13.5	11.9	10.6	—	—
923.6216	59678	14.8	16.1	15.0	13.0	11.9	15.8	16.2
51.5473	749	14.9	—	—	—	—	15.1	16.1
78.4589	917	15.0	16.5	14.0	11.9	10.7	14.5	16.1

26	27	235	253	34W	173
15.7	12.7	15.9	15.1	—	—
15.6	12.9	15.4	15.0	—	—
15.5	12.8	15.4	15.1	<16.0	14.6
15.4 ¹	14.5	16.0	15.1	15.3	15.0
<14.5	12.6	15.2	14.5	—	—
15.4	14.6	15.5	14.6	13.6	<15.0
15.4	13.0	<15.5	14.9	13.5	<16.5
15.5	12.4	15.6	14.8	—	—
15.8	15.1	<15.5	14.4	14.6	<16.5
<14.5	13.0	—	15.0	14.7	<14.0
15.7	15.1	15.4	14.4	15.1	<16.5
15.6	14.2	16.0	14.3	—	—
15.3	13.0	15.4	14.7	—	—
15.7	13.1	15.9	14.3	15.3	<15.0
15.6	14.2	16.1	14.6	16.0	<15.0
15.6	14.6	16.0	15.1	<16.0	<15.0
15.9	12.8	15.9	15.1	<16.0	16.4
15.6	13.4	<15.5	14.6	<14.5	14.2
15.6	14.5	15.3	14.4	<16.0	14.2
14.5	14.0	15.1	14.2	—	—
<14.5	<13.8	—	<14.7	<14.5	<15.0
—	14.9	—	14.7	—	—
—	<12.6	—	—	—	—
<14.5	14.7	—	15.0	—	—
14.5	12.9	16.1	14.8	16.0	16.4
—	—	—	—	—	—
15.6	15.0	16.1	14.4	<16.0	14.1



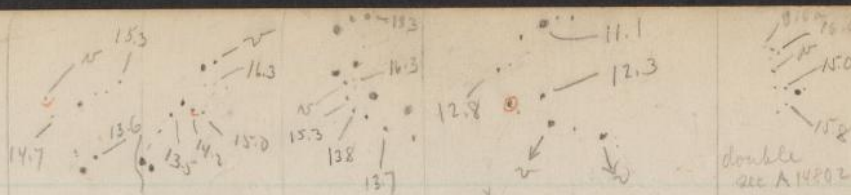
		465	65W	63W	293	24	316	316a
280.42.3144	B60123	14.5	16.5	16.3	12.0	11.5	16.2	16.3
63.2269	91	14.8	<16.3	16.0	12.3	10.9	15.9	15.9
287.4235	738	15.0	16.0	<15.3	11.9	10.8	—	—
371.3409	1113	14.9	<16.3	15.8	12.7	11.1	15.9	16.0
91.3079	86	15.0	<16.3	15.0	12.3	11.2	15.8	<15.8
668.4040	936	14.6	<16.3	13.7	12.0	12.1	16.2	<16.0
99.2722	62101	14.8	<15.0	15.0	12.2	11.8	—	—
945.3420	292							
776.2802	444	14.2	<16.3	15.9	12.1	12.8	14.7	16.1
994.5202	969	14.8	16.3	<15.3	12.0	11.9	15.6	15.9
9048.5597	63201	14.5	<16.3	<15.3	12.4	12.3	14.3	16.1
76.4362	63317	14.5	<16.3	16.1	12.7	12.2	14.9	16.1
109.2124	487	14.2	<16.3	13.4	12.0	12.1	15.0	—
34.3159	584	14.3	<16.3	13.4	12.5	12.4	<16.0	16.0
65.2611	735	14.5	<16.3	14.1	12.1	12.3	16.0	16.2
246.41.682	A13659	14.2	13.9	13.7	12.0	11.2	16.1	16.2
4.679	82	14.3	14.0	13.7	11.7	11.0	—	—
82.584	832	14.4	14.3	13.8	12.3	12.3	16.2	<16.0
762.496	14011	14.4	<16.3	<15.3	13.0	12.6	15.2	16.0
.524	12	14.4	<16.3	<15.3	13.0	12.2	15.0	<15.0
.552	13	14.5	<16.3	<15.3	12.9	12.7	14.9	<16.0
.580	14	14.4	<16.3	<15.3	13.0	12.5	14.9	<15.8
.611	15	14.3	<16.3	<15.3	13.0	12.3	15.0	16.0
.641	16	14.3	<16.3	<15.3	12.9	12.3	14.9	<16.0
26469.508	AB1679				11.9	12.3		
77.475	1717				12.0	12.4		
84.517	1755				12.1	12.2		
90.490	1803				12.2	12.1		
546.268	1738				11.9	11.4		

26	27	235	253	34W	173
15.5	15.1	15.0	14.3	15.9	16.5
15.5	12.4	15.4	14.6	15.0	<16.5
15.7	13.0	15.9	14.6	15.2	<15.0
15.0	13.1	16.1	15.1	16.2	14.2
15.6	14.8	16.0	14.9	<16.0	14.2
15.1	12.9	<15.5	15.2	<14.5	<15.0
15.3	12.3	<15.5	14.3	<14.5	<15.0
15.6	12.8	15.9	15.0	14.6	<14.0
15.5	14.0	16.1	14.3	15.7	14.6
15.3	15.1	16.0	14.8	15.5	14.2
15.5	12.8	16.1	15.1	<16.0	15.0
15.1	14.6	16.1	14.3	<16.0	16.5
15.5	13.8	16.0	15.0	<14.5	<15.0
15.9	13.7	16.0	14.3	<16.0	<16.5
15.6	13.1	16.1	14.7	15.7	<16.5
15.6	15.0	15.8	15.0	15.6	15.5
15.8	13.9	15.8	off	15.7	15.6
15.6	13.0	15.6	14.7	<16.0	<16.5
15.8	13.0	15.7	14.1	—	—
15.2	13.1	15.4	14.1	—	—
15.1	13.1	15.6	14.2	—	—
15.2	13.0	15.5	14.2	—	—
15.4	13.1	16.0	14.1	—	—
15.5	12.9	16.0	14.2	—	—



26587.297	RB2003	293	24
98.280	2127	12.0	11.9
606.263	2152	11.8	12.3
777.619	2525	11.7	<11.1
829.487	2676	12.1	11.1
94.413	3061	11.9	11.8
911.414	3207	11.9	10.9
14.355	3223	11.9	11.7
72.238	3530	12.0	11.6
27141.602	3956	12.1	10.5
94.547	4111	12.1	10.5
219.415	4187	12.1	10.9
70.366	4435	11.8	11.3
324.235	4605	12.0	11.0
525.514	4983	12.5	11.8
65.485	5157	12.0	10.6
76.577	5202	12.0	12.1
629.357	5417	12.1	12.3
35.357	5467	12.8	11.2
83.296	5593	12.6	10.8
95.239	5651	12.1	12.5
959.482	6154	12.2	10.9
91.249	6254	12.6	11.2
28309.461	6789	12.0	10.9
65.402	6902	12.4	11.9
610.595	7276	12.6	12.0
64.399	7342	12.1	12.6
719.	7454	12.1	12.0
		12.0	12.1

		293	24			293	24
27950.486	AM 16792	12.8	10.6	23905	AX 488	12.0	12.1
28005.353	932	12.6	10.7	19	535	12.4	11.7
51.235	17091	12.1	11.2	60	613	12.2	11.7
71.246	146	12.6	10.7	65	645	12.1	12.0
259.566	443	12.3	11.8	69	664	12.2	12.0
307.409	548	12.5	11.1	76	696	12.3	12.6
63.420	706	12.5	11.9	73	725	12.1	12.1
418.298	854	11.9	11.8	24000	741	11.8	12.1
28019.289	16986	12.8	10.3	20	765	12.0	12.0
339	17661	11.9	12.1	23	770	12.0	11.8
672	18284	12.4	12.3	76	787	12.3	12.3
28033	17021	< 12.3	11.4	33	793	12.2	11.7
35	17031	11.9	11.2	53	834	12.4	11.7
274	475	11.7	11.0	270	1032	12.0	10.8
86	17506	12.0	11.0	85	1049	12.2	11.8
331	619	11.8	11.3	300	1106	12.5	11.9
41	668	12.0	12.2	17	1146	12.0	11.9
86	770	12.6	11.1	25	1180	11.7	12.0
94	803	12.4	11.9	48	1220	12.2	12.3
458	949	12.6	12.0	78	1284	13.0	12.1
28693	18331	12.0	11.9	404	1316	12.4	11.9
28696	51	12.1	12.0	32	1360	11.9	12.1
742	435	12.5	12.1	623	1575	12.2	12.1
42	36	12.3	12.2	48	1625	12.1	11.4
43	38	12.4	12.1	703	1743	12.2	12.3
44	42	12.5	12.1	6	1757	12.0	12.6
45	45	12.6	12.5	27	1805	12.1	12.3
71	502	12.2	12.5	31	1817	12.0	12.2



28743

RB7495

293

24

82

7576

12.5

12.1

961

7750

11.9

12.0

29081

8089

11.9

12.2

108

8139

12.1

12.1

61

8255

11.6

11.2

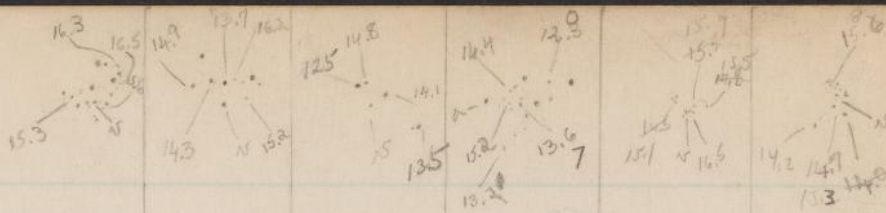
11.9

12.1

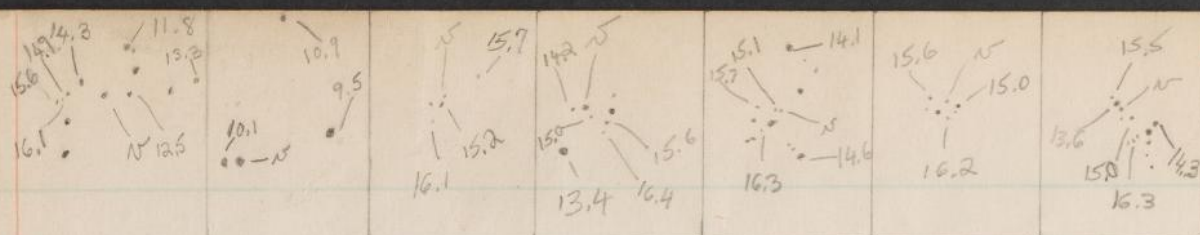
		293	24			293	24
28772	AM18505	12.1	12.9	24754	AX1853	12.5	12.1
993	839	12.8	12.0	89	1919	12.2	12.0
29027	969	12.5	12.7	25154	2015	12.4	12.5
29	973	12.3	12.2	355	2265	12.4	12.0
29048	19006	12.5	12.3	86	2423	11.8	12.2
49	11	12.5	12.4	89	2449	11.9	12.1
49	12	12.3	12.1	410	2494	12.1	11.9
72	42	12.4	12.3	22	2560	12.5	12.1
73	49	12.1	12.0	41	2605	12.1	11.9
74	56	12.5	12.3	48	2665	11.9	12.3
76	63	12.6	12.4	70	2744	12.0	11.9
102	19111	11.9	11.8	79	2784	12.4	11.8
102	12	11.9	12.0	98	2874	12.7	11.9
4	17	11.9	12.0	27923	AM16756	13.2	12.1
4	18	11.8	12.0	58	16828	12.4	10.9
9	36	11.8	12.0	78	16867	12.1	10.9
9	37	11.7	12.0				
9	38	11.7	12.1				
30	74	12.6	12.2				
34	81	12.7	12.4				
35	87	12.4	12.3				
54	222	12.4	12.6				
63	72	12.0	12.1				

		293	24			293	24
23909	AX 504	12.1	12.0	25479	AX 2783	12.2	12.1
59	608	12.1	12.0	27959	AM 16835	12.5	10.9
64	640	12.2	12.0	28035	17030	12.0	10.9
74	688	12.2	12.1	28045	17064	12.1	11.8
88	712	12.8	12.1	28260	17449	12.1	12.2
24019	762	11.9	12.0	28276	17485	11.8	10.8
290	1067	12.4	11.0	28330	17612	12.0	11.1
99	1098	12.9	11.9	36	17640	11.2	11.3
313	1137	12.1	12.0	95	17810	12.2	11.6
25	1179	11.9	12.0	456	17937	12.2	12.2
56	1244	12.2	12.0				
626	1577	12.2	12.0				
46	1617	12.2	11.5				
54	1649	12.2	12.1				
69	1671	12.4	12.4				
78	1690	12.6	12.4				
711	1775	12.0	12.4				
39	1836	12.1	12.5				
59	1862	13.1	12.3				
69	1890	12.9	12.1				
25386	2422	12.0	12.1				
93	2472	11.9	12.1				
412	2505	12.1	12.0				
19	2545	12.7	11.9				
42	2612	12.2	11.9				
49	2672	12.0	11.9				
69	2737	11.9	11.8				
77	2776	12.4	12.0				

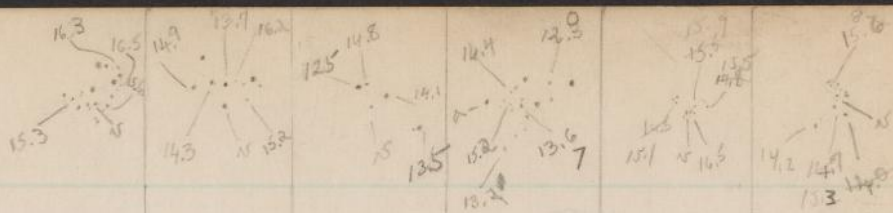
		253
26447	RB1717	<15.2
84	1755	15.0
587	2083	15.1
98	2127	14.9
829	2690	14.7
94	3061	13.8
914	3233	14.9
27194	4111	15.2
324	4605	13.6
565	5157	15.0
76	5202	15.0
629	5419	14.7
35	5467	14.6
83	5593	<14.7
959	6154	15.1
91	6254	15.1
28309	6789	14.7
65	6902	15.2
610	7276	15.0
64	7342	15.1
719	7454	14.9
43	7495	14.8
82	7576	14.4
961	7750	14.9
29081	8089	15.1
108	8139	15.2
61	8255	15.0



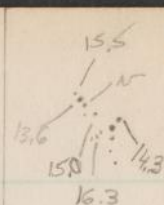
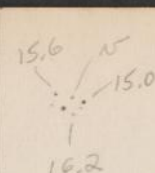
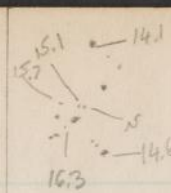
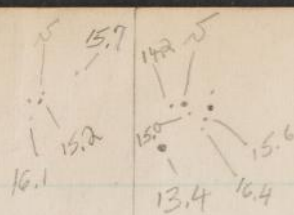
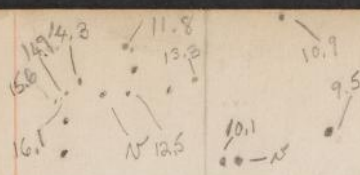
		148	AZ	AA	AF	104	229
23912.769	MF8544	15.6	14.7	14.4	14.1	16.1	15.6
92.590	8723	<15.6	14.5	14.5	14.3	15.8	15.4
4018.530	8755	<15.6	14.1	13.5	14.1	16.1	15.4
370.552	9648	15.8	14.0	14.4	14.3	16.2	14.9
623.762	10132	16.4	14.4	14.5	14.1	16.3	15.4
26.753	10138	16.5	14.1	14.6	14.2	16.0	16.0
27.755	43	<15.3	14.4	14.2	14.2	15.7	<15.3
42.760	89	<16.5	14.3	14.4	14.1	15.7	15.6
46.699	214	16.5	14.4	13.5	14.2	16.1	15.4
47.686	22	16.2	14.5	14.2	14.2	16.3	15.5
48.687	30	16.5	14.5	14.6	14.2	15.6	15.8
49.688	38	16.5	14.5	13.8	14.1	16.5	15.4
50.692	47	<15.6	14.5	14.4	14.3	16.1	15.8
53.749	65	<15.6	14.7	14.8	<16.0	16.1	14.3
54.744	69	<15.6	14.6	13.6	<16.0	15.8	15.7
55.787	77	<15.6	14.5	14.4	<16.0	16.1	15.7
56.786	82	<15.6	14.6	14.6	<16.0	16.1	15.6
67.687	308	16.5	14.1	13.8 14.5	<16.0	15.8	15.9
70.680	15	<15.6	—	14.4	<16.0	16.3	15.1
78.683	45	16.4	14.1	14.5	<16.0	15.9	15.8
79.682	54	16.3	14.2	13.7	<16.0	16.2	14.9
97.622	425	15.5	14.2	14.5	<16.0	15.9	15.8
99.689	40	15.4	14.2	14.4	<16.0	16.3	15.7
702.685	56	15.4	14.3	14.4	<16.0	16.2	15.7
04.682	72	15.4	14.4	14.0	<16.0	16.1	15.7
06.687	88	15.3	14.1	14.7	<16.0	15.7	15.8
10.691	515	15.4	14.6	14.3	<16.0	16.4	15.5
27.565	70	15.7	15.0	14.3	<16.0	15.5	15.6



ZZ	AX	467	128	188	172	67
12.3	10.2	15.9	13.7	15.1	<16.2	<15.5
<15.6	10.6	<15.2	<15.6	<15.1	15.5	15.4
<16.1	10.6	16.1	<15.6	<15.7	15.7	15.4
15.7	10.3	15.2	15.8	<15.7	15.1	14.9
<16.1	10.0	15.3	15.1	15.0	<16.2	<15.5
<16.1	9.9	16.2	15.1	14.9	<16.2	15.2
<15.6	10.0	<15.2	15.1	14.7	<16.2	<15.5
<16.1	9.9	15.8	15.5	15.1	<16.2	<15.5
<16.1	10.1	16.2	15.7	15.2	<16.2	<15.5
16.3	10.2	15.1	16.0	15.2	<15.6	<15.5
<16.1	10.2	16.3	15.8	15.2	<16.2	<15.5
<16.1	10.2	16.1	15.8	15.1	<16.2	<16.3
16.3	10.1	16.5	15.8	15.1	<16.2	<15.5
16.2	10.3	16.2	15.9	15.2	<16.2	<16.3
16.2	10.2	16.0	15.9	15.3	<16.2	<16.3
16.0	10.2	15.3	15.8	15.3	<16.2	<16.3
16.1	10.3	16.2	15.9	15.3	<16.2	<16.3
15.5	10.5	15.9	15.9	15.7	<16.2	<15.5
15.5	10.5	<15.7	<15.6	15.7	<15.6	<15.5
15.0	10.4	16.1	16.0	16.0	16.2	15.6
15.0	10.4	15.5	15.9	16.1	16.4	15.6
12.9	10.6	16.3	16.0	<15.7	16.1	14.8
12.8	10.8	15.9	15.9	<16.3	15.9	14.7
12.6	10.7	16.3	15.9	<16.3	15.9	14.8
12.4	10.7	16.1	16.0	<16.3	15.8	14.8
12.2	10.9	14.9	15.9	<15.7	15.7	14.7
12.2	10.8	16.1	15.9	<16.3	15.8	14.9
12.3	10.4	16.0	15.3	<15.7	15.8	14.8

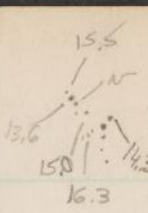
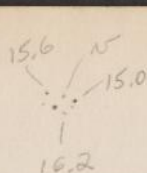
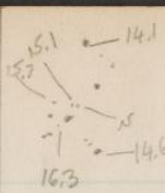
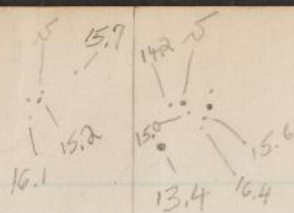
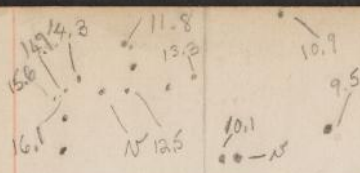


		148	AZ	AA	AF	104	229
24731.558	MF10592	16.2	15.0	14.5	<16.0	16.3	15.5
33.564	614	16.1	14.7	14.5	<16.0	15.5	15.7
53.532	66	16.4	14.7	14.4	<16.0	16.2	15.5
55.529	71	16.5	14.4	14.4	<16.0	16.3	15.1
59.474	83	16.4	14.4	14.1	<16.0	16.4	15.8
25330.613	11492	15.4	14.0	13.8	<16.0	15.7	15.5
82.499	645	<15.6	14.0	14.5	<16.0	16.3	15.3
83.467	58	16.4	14.7	14.0	<16.0	16.1	15.9
84.529	74	<15.6	14.3	—	<16.0	16.2	15.0
85.496	87	<15.6	14.1	13.8	<16.0	15.9	15.8
86.432	99	<15.6	14.1	14.1	<16.0	—	15.7
88.459	713	<15.6	14.1	13.5	<16.0	16.1	15.8
89.484	28	16.5	14.6	14.5	<16.0	16.4	15.3
410.487	98	<15.6	14.3	13.8	<16.0	16.4	15.3
12.531	817	<15.6	14.2	14.7	<16.0	15.8	14.5
14.364	40	<15.6	14.0	14.4	<16.0	<15.9	15.8
17.405	68	16.5	14.1	14.5	<16.0	16.1	14.8
65.279	2147	16.5	13.9	14.7	<16.0	16.0	15.3
81.232	255	<15.3	14.9	14.7	<16.0	15.8	14.5
25705.591	947	<15.6	14.2	14.6	<16.0	15.9	15.6
06.522	57	<15.3	14.1	14.1	<16.0	—	15.4
17.607	3036	<15.6	14.3	13.5	<16.0	16.4	15.0
20.507	38	<15.3	14.3	13.4	<16.0	16.1	15.4
20.538	39	<15.6	14.3	13.5	<16.0	<15.9	15.4
.571	40	<15.6	14.3	13.8	<16.0	16.2	15.4
.603	41	<16.5	14.3	13.8	<16.0	<15.9	15.5
.634	42	<15.3	14.3	14.2	<16.0	<15.9	15.7
42.563	103	<15.6	15.0	14.1	<16.0	<15.5	15.7

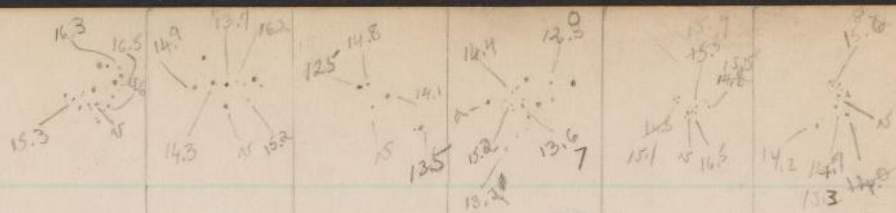


ZZ	AX	467	128	188	172	67
12.4	10.3	16.1	15.2	<15.7	15.7	15.1
12.4	10.0	16.2	15.1	<16.3	15.7	15.1
12.7	9.9	15.9	13.9	16.2	16.1	15.3
12.9	9.9	16.3	13.9	15.9	16.1	15.4
13.0	9.9	15.3	13.9	16.1	16.2	15.7
13.1	10.9	14.9	15.2	15.3	<15.6	<15.5
12.9	10.2	<15.7	15.9	15.3	15.5	15.0
13.1	10.4	15.2	15.8	15.4	15.4	14.7
13.3	10.1	off	<15.6	15.3	15.6	14.9
13.3	10.4	16.0	<15.6	15.4	15.3	14.5
13.3	10.4	<15.7	<15.6	15.6	15.6	14.7
13.1	10.4	15.2	15.9	15.6	15.4	14.8
13.3	10.3	16.1	15.9	15.7	15.4	14.8
14.6	10.3	<15.7	15.2	15.7	15.5	14.5
14.8	10.2	<15.7	15.1	<15.7	15.4	14.4
15.3	10.3	<15.2	15.0	<15.7	15.6	14.5
15.1	10.4	16.0	14.9	<15.7	15.4	14.4
16.3	—	15.9	14.0	<15.7	15.6	15.5
<14.9	9.9	<15.2	14.3	<15.1	<15.6	15.6
16.1	10.4	16.0	15.5	14.8	<15.0	<15.5
<15.6	10.5	<15.2	<15.6	14.7	<15.0	<15.5
15.4	10.5	15.8	<15.6	14.9	15.8	<15.5
15.4	10.7	<15.2	<15.0	15.0	<15.0	<15.5
15.0	10.6	<15.7	<15.6	14.9	<15.0	<15.5
14.8	10.4	<15.7	<15.6	14.9	15.7	<15.5
14.9	10.5	16.0	15.9	14.8	15.7	<15.5
14.9	10.4	<15.7	<15.0	15.0	<15.0	<15.5
14.2	10.3	<15.7	15.6	15.4	15.5	15.7

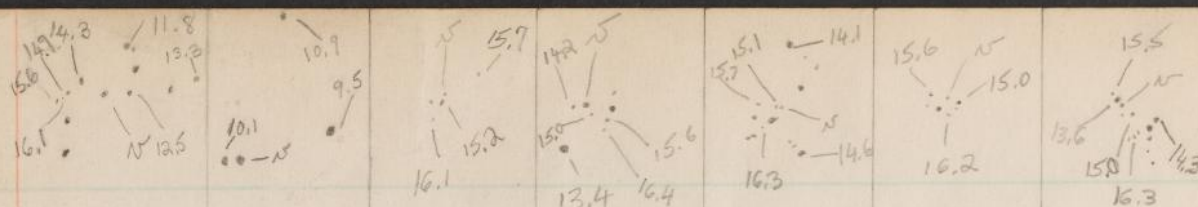
		148	AZ	AA	AF	104	229
25745.447	MF13115	<15.6	14.4	13.7	<16.0	<15.9	15.6
95.399	301	15.5	14.3	14.1	<16.0	16.4	15.0
27680.226	19742	15.1	14.3	14.6	<16.0	16.5	15.7
26067.619	B54048	<15.6	14.4	14.6	<16.0	16.2	15.3
75.586	23	<15.6	14.5	14.6	<16.0	16.2	15.6
89.517	104	<15.6	14.6	14.5	<16.0	15.8	15.7
90.578	14	<15.3	14.8	14.2	<16.0	—	<15.3
91.445	24	<15.3	14.6	14.1	<16.0	<15.5	15.0
91.477	25	<15.6	14.5	14.0	<16.0	<15.5	15.1
.508	26	<15.6	14.5	14.1	<16.0	<15.9	15.3
.540	27	<15.6	15.1	14.1	<16.0	16.0	15.5
.572	28	<15.3	14.6	14.3	<16.0	<15.5	15.4
.604	29	<15.6	14.6	14.4	<16.0	<15.9	15.5
.636	30	16.3	14.4	14.4	<16.0	<15.9	15.6
92.503	40	<15.6	14.9	14.4	<16.0	15.8	15.8
93.503	54	<15.6	14.8	14.1	<16.0	<15.9	15.1
95.540	69	15.8	14.7	14.6	<16.0	16.0	14.2
96.500	82	<15.6	14.4	13.4	<16.0	<15.9	15.7
97.523	96	15.7	14.4	14.5	<16.0	16.0	15.7
102.535	214	15.8	14.5	14.4	<16.0	16.3	14.9
03.538	19	15.6	14.5	14.5	<16.0	16.0	15.5
04.507	23	15.6	14.4	14.3	<16.0	15.9	15.8
20.499	67	15.7	14.1	14.7	<16.0	16.3	15.8
23.462	94	15.5	14.3	14.5	<16.0	<16.5	15.7
30.363	324	15.4	14.5	13.9	<16.0	16.0	15.7
31.493	41	15.3	14.4	14.6	<16.0	<15.9	15.6
44.365	57	15.5	14.7	14.4	<16.0	16.1	15.8
46.397	70	<15.3	14.7	13.8 14.6	<16.0	<15.5	15.7



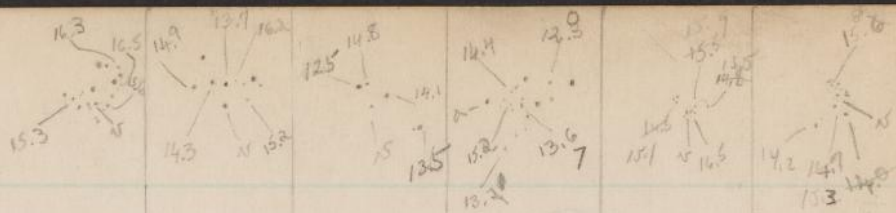
ZZ	AX	467	128	188	172	67
13.9	10.4	<15.2	15.8	15.5	15.5	15.6
12.2	10.5	<15.7	14.0	<15.7	16.1	<15.5
12.2	10.8	16.1	14.9	15.6	<16.2	<15.5
<16.1	10.4	15.2	15.9	15.1	<16.2	16.0
<16.1	10.4	16.3	16.0	15.0	<16.2	<15.5
<15.6	10.6	16.2	16.0	15.1	16.1	15.5
<14.9	10.6	—	<15.0	15.1	<15.0	15.6
<15.6	10.5	—	15.9	15.1	15.8	15.5
<15.6	10.6	<15.2	<15.6	15.0	15.8	15.6
<15.6	10.6	<15.2	16.0	15.1	15.8	15.4
<15.6	10.6	15.7	16.0	15.1	15.7	15.5
<15.6	10.6	—	<15.0	15.1	15.7	<15.0
<15.6	10.6	—	<15.6	15.1	15.7	15.5
<15.6	10.6	<15.2	<15.6	15.1	<15.0	15.4
<15.6	10.5	15.9	15.8	15.0	15.7	15.3
<15.6	10.5	<15.2	15.6	15.1	15.8	15.3
<16.1	10.5	16.1	15.7	15.1	15.7	15.4
<15.6	10.9	15.5	15.5	15.2	15.8	15.4
<16.1	10.6	16.2	15.6	15.1	15.7	15.3
<16.1	10.5	<15.7	15.3	15.1	15.8	15.3
<15.6	10.5	<15.7	15.3	15.2	15.7	15.1
<15.6	10.5	<15.2	15.3	15.0	15.7	15.2
<15.6	10.3	<15.7	15.9	15.2	<15.0	15.1
<16.1	10.0	<15.2	13.9	15.5	15.5	15.3
<16.1	10.1	16.2	13.4	15.7	15.5	15.3
<15.6	10.0	<15.7	13.7	15.8	15.6	15.4
<15.6	10.1	<15.2	13.7	<15.7	15.6	15.6
<15.6	10.0	—	14.0	<15.7	15.9	15.7

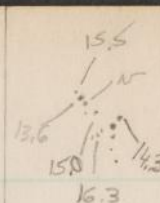
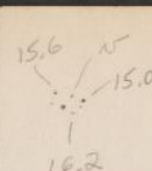
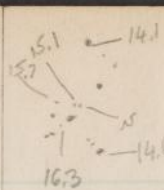
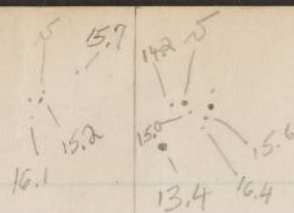
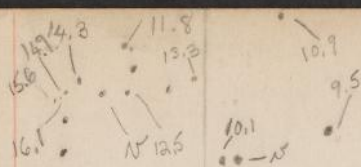


		148	AZ	AA	AF	104	229
26147.482	B54383	15.8	14.3	14.7	<16.0	<15.5	14.9
48.480	89	15.6	14.7	14.0	<16.0	<15.5	15.8
54.391	418	15.8	14.6	13.8	<16.0	<15.9	15.8
58.375	52	15.8	14.8	14.0	<16.0	<15.5	<15.3
59.361	63	15.8	14.8	14.5	<16.0	16.3	14.8
60.452	76	15.6	14.8	14.1	<16.0	<15.9	15.3
61.453	80	<15.6	14.9	14.5	<16.0	<15.5	15.2
74.332	94	<15.6	15.0	14.0	<16.0	<15.5	—
75.363	503	16.5	14.9	14.5	<16.0	16.5	15.8
76.360	12	<15.6	14.8	13.9	<16.0	16.3	15.5
77.396	21	<15.6	14.7	14.4	<16.0	15.5	15.7
81.369	47	<15.6	14.9	14.7	<16.0	<15.5	15.5
88.345	87	<15.6	14.8	14.1	<16.0	<15.5	15.7
202.246	610	15.8	14.5	14.2	<16.0	16.4	15.4
04.259	14	<15.3	14.5	13.4	<16.0	15.9	14.5
31.249	63	<15.6	14.1	14.8	<16.0	15.9	15.8
43.229	704	<15.6	14.0	13.8	<16.0	<15.5	15.6
441.540	55020	<15.3	14.3	14.3	<16.0	<15.5	<14.2
52.550	43	15.4	14.3	14.6	<16.0	<15.9	14.8
60.596	106	15.6	14.2	14.6	<16.0	<15.5	15.9
74.471	59	15.7	14.2	14.4	<16.0	<15.5	15.5
75.492	62	<15.3	14.4	13.8	<16.0	<15.5	15.4
79.507	90	<15.3	14.4	<14.1	<16.0	—	<15.3
81.461	213	<15.6	14.3	14.0	<16.0	<15.9	15.4
84.497	47	<15.3	14.4	14.4	<16.0	<15.5	15.7
86.465	67	<15.3	14.4	13.5	<16.0	—	<14.2
26502.432	99	<15.3	15.0	14.3	<16.0	<15.9	15.3
03.526	310	—	off	off	<16.0	—	—

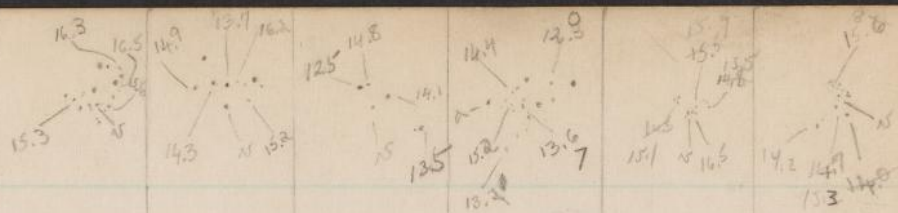


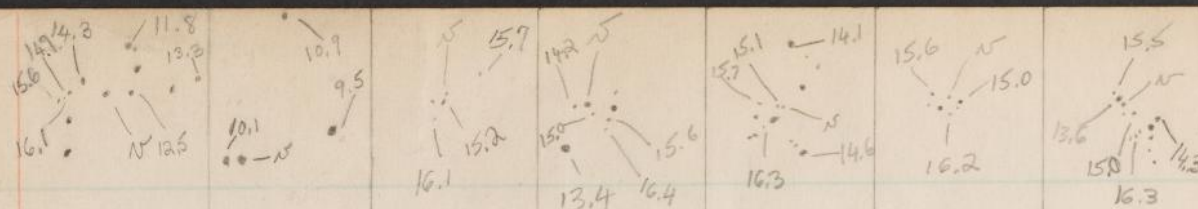
ZZ	AX	467	128	188	172	67
<15.0	10.0	<15.7	14.1	<15.7	<15.0	15.5
<15.6	10.1	<15.2	14.1	<15.7	<15.6	15.6
15.1	9.8	<15.2	14.1	<15.7	16.1	15.8
14.7	9.7	<15.7	14.1	<15.7	15.9	<15.5
14.8	9.7	15.7	14.1	<15.7	15.9	15.8
14.6	9.6	<15.2	14.2	<15.7	<15.6	<15.5
14.0	9.8	<15.2	14.2	<15.7	<15.6	<15.5
12.7	9.8	<15.7	14.7	<15.7	<15.6	<15.5
12.8	9.8	16.1	14.8	<15.1	<15.6	<15.5
12.5	9.9	<15.2	14.7	<15.7	<15.6	<15.5
12.4	9.9	<15.7	15.0	15.8	<15.6	<15.5
12.2	9.8	15.2	14.9	<15.1	<15.6	<15.5
12.0	9.8	15.2	15.2	<15.1	<15.6	<15.5
11.9	9.9	15.9	15.5	<15.7	<15.6	<15.5
12.1	9.9	<15.7	15.9	<15.7	<15.6	<15.5
12.2	10.1	15.7	<15.0	15.2	<15.6	<15.5
13.0	10.3	<15.2	15.5	15.0	<15.6	<15.5
12.3	10.0	—	<15.0	14.6	<15.0	<15.0
13.0	9.8	<15.7	15.9	14.3	15.7	<15.5
13.7	10.0	<15.2	15.3	14.4	15.8	<15.5
15.2	10.4	<15.2	14.5	15.2	15.9	15.6
<14.9	10.4	—	14.6	15.0	15.7	<15.5
<14.9	10.4	—	14.3	15.0	<15.6	<15.5
<15.6	10.5	—	14.3	15.2	16.1	15.9
<14.9	10.5	—	14.2	15.3	15.9	<15.5
<14.9	10.5	—	14.1	—	<15.0	—
<15.6	10.4	—	14.7	<15.1	15.9	15.9
off	off	—	14.9	<15.1	<15.0	<15.0

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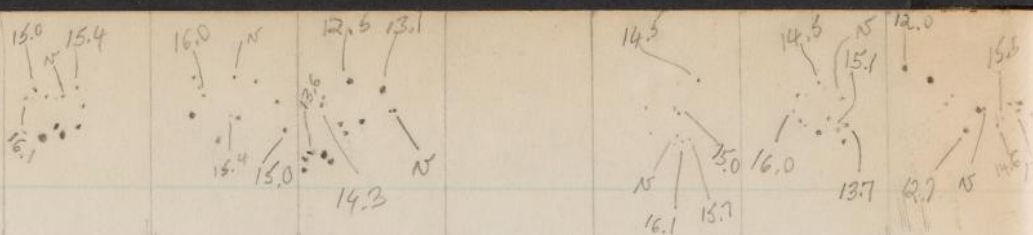


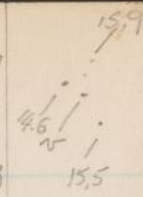
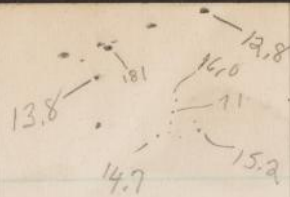
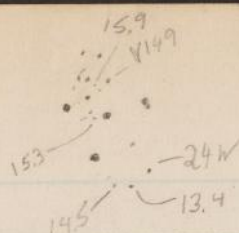
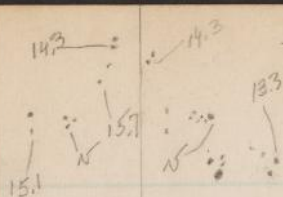
ZZ	AX	467	128	188	172	67
<15.6	10.4	15.9	14.4	<15.7	16.1	15.8
<16.1	10.5	<15.7	14.8	<15.7	16.3	15.8
<14.9	10.5	<15.2	14.7	16.0	<15.6	<15.5
<15.6	10.5	<15.2	15.0	<15.7	16.0	<15.5
<15.6	10.4	<15.2	15.5	<15.1	<15.6	<15.5
<14.3	10.2	—	<15.0	<15.1	<15.0	<15.0
<15.6	10.0	—	<15.0	<15.7	<15.6	<15.5
<14.9	10.0	<15.2	<15.6	<15.7	<15.6	<15.5
14.5	9.9	<15.2	<15.6	15.2	<15.6	<15.5
13.0	10.0	—	15.8	14.8	<15.6	<15.5
<14.3	10.5	—	<14.2	<14.1	<15.0	<15.0
12.4	10.0	15.7	14.9	14.8	15.5	15.0
12.3	10.0	<15.2	14.5	15.0	15.6	14.7
12.0	9.9	<15.2	14.4	14.9	15.6	14.3
12.0	10.0	<15.2	14.5	15.1	15.5	13.7
11.5	9.9	15.4	13.7	15.0	<15.6	13.8
12.7	10.0	15.5	15.1	<15.7	<16.2	15.3
13.0	10.0	15.3	15.4	<15.7	<15.6	15.5
<15.6	10.2	<15.2	16.0	<15.7	<15.6	<15.5
<15.6	10.2	16.1	16.1	<15.7	<15.6	<15.5
<14.9	10.3	<15.2	14.2	—	<15.0	<15.5
11.6	10.3	—	<14.2	<14.1	<15.0	<14.3
11.4	10.3	—	—	<14.1	—	—
11.5	10.3	—	—	—	—	—
11.5	10.2	—	—	<14.1	<15.0	<14.3
13.6	10.4	15.5	15.9	14.9	<15.6	15.9
—	10.5	—	—	—	—	—
<16.1	10.1	<15.7	15.9	<15.7	<15.6	<15.5

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ZZ	AX	467	128	188	172	67
14.6	10.2	15.7	14.3	15.6	<15.6	<15.5
13.0	10.2	15.7	15.2	14.1	<15.6	<15.5
11.9	10.2	15.0	16.0	15.0	<15.6	<15.5
16.0	10.1	16.1	14.2	<16.3	<16.2	<16.3
<16.1	10.1	16.1	14.5	<16.3	<16.2	<16.3
13.6	10.0	—	15.8	15.5	<15.6	<15.5
11.6	10.3	—	14.6	<15.1	<15.0	<15.5
13.1	10.4	<15.2	15.0	<15.1	<15.0	<15.0
<15.6	10.1	15.2	15.7	15.2	<15.6	<15.5
<16.1	10.2	15.9	15.9	15.1	<15.6	16.0
<16.1	10.5	16.0	15.0	15.4	<15.6	<15.5
<16.1	10.0	<15.2	14.1	<16.3	<16.2	<16.3
15.4	9.9	16.1	14.5	<16.3	<16.2	<15.5
12.3	10.5	<15.2	15.4	<15.7	<15.6	<15.5
12.3	10.6	15.2	16.0	15.7	<16.2	<15.5
13.7	10.2	15.6	15.6	13.9	<16.2	<16.3
14.6	10.1	16.1	14.0	16.1	<16.2	<16.3
14.9	10.0	15.4	16.1	15.4	<16.2	<16.3
off	off	off	15.4	14.9	<16.2	<15.5
off	off	off	off	15.0	<15.6	<15.5
off	off	off	<15.6	<15.7	16.0	15.4
off	off	off	13.7	15.7	15.9	15.8
off	off	off	13.9	15.9	15.9	15.9
off	off	off	13.8	<15.1	16.0	15.9
off	off	off	13.8	<15.7	16.0	16.0
off	off	off	13.8	15.8	16.0	15.9
off	off	off	13.8	15.9	<15.6	15.9

1939phae.proj.2		52							
									
		466	26W	227 alone	227 with companion	127	107	130(174) alone	
23912.769	MF8544	15.5	<16.0	13.3	—	15.2	<16.0	—	
992.590	8723	15.2	<16.0	—	13.3	<15.7	<16.0	—	
24018.530	8755	15.7	15.8	—	13.4	<16.1	<16.0	—	
24370.552	9648	15.2	<16.0	—	13.4	15.4	15.5	—	
24623.762	10132	15.6	<16.0	—	13.2	15.7	<16.0	—	
26.753	38	16.0	<16.0	—	13.3	16.0	<16.0	—	
27.755	43	15.2	<16.0	—	13.5	<15.0	<16.0	—	
42.760	89	15.3	<16.0	—	13.4	<16.1	<16.0	—	
46.699	214	15.6	<16.0	—	13.4	16.1	<16.0	—	
47.686	22	15.9	<16.0	—	13.4	<15.7	<16.0	—	
48.687	30	15.6	<16.0	—	13.3	16.2	<16.0	—	
49.688	38	15.3	<16.0	—	13.2	16.2	<16.0	—	
50.692	47	15.8	<16.0	—	13.2	16.1	<16.0	—	
53.749	65	16.0	<16.0	—	13.3	16.1	<16.0	—	
54.744	69	15.2	<16.0	—	13.3	16.2	<16.0	—	
55.787	77	16.1	<16.0	—	13.2	16.2	<16.0	—	
56.786	82	15.5	<16.0	13.6	13.1	—	<16.0	—	
69.687	308	15.9	<16.0	—	13.5	16.2	<16.0	—	
70.680	15	15.5	<16.0	—	13.2	<15.0	<16.0	—	
78.683	45	15.1	<16.0	—	13.1	16.1	<16.0	—	
79.682	54	16.2	16.4	—	13.1	16.1	<16.0	—	
97.622	425	15.5	15.7	—	13.1	<16.1	<16.0	—	
99.689	40	15.9	15.6	13.1	12.9	—	16.2	—	
102.685	56	15.4	15.4	13.2	12.7	16.0	16.0	—	
04.682	72	15.4	15.2	13.3	12.6	16.0	15.4	—	
06.687	88	15.3	15.2	13.5	12.9	16.0	15.1	—	
10.691	515	15.8	15.2	—	12.9	15.8	14.7	—	
24.565	70	16.0	15.0	—	12.9	15.6	14.0	—	



130 with companion	236	277	149	24W	181	71	189	70
12.8	14.7	13.7	15.5	<15.3	15.5	15.9	<15.7	15.6
12.5	15.3	13.9	15.5	15.3	12.8	15.9	14.8	14.9
12.5	14.7	14.2	15.2	<15.9	14.2	15.8	<15.7	15.1
12.2	15.0	13.9	15.5	15.3	14.9	15.1	<15.7	15.6
12.5	14.8	13.9	15.4	14.9	14.1	15.8	14.5	15.7
12.6	14.8	13.9	15.7	15.0	13.6	15.6	14.1	14.8
12.8	15.3	13.9	15.3	15.2	13.7	<14.7	14.2	15.6
12.9	14.8	13.8	15.9	15.7	14.9	15.5	14.6	15.6
12.7	14.6	13.9	15.7	15.8	15.6	15.8	14.8	15.5
12.8	14.7	13.9	15.8	16.0	15.0	16.1	14.7	15.6
12.7	14.6	13.9	15.4	15.9	15.0	15.8	14.7	15.3
12.7	14.4	14.0	15.6	16.0	15.0	15.9	14.7	15.6
12.7	14.8	13.3	15.3	16.0	14.9	15.9	15.0	15.0
12.6	14.8	14.1	15.8	<15.9	15.5	15.8	15.0	15.7
12.7	14.5	13.7	15.2	16.0	15.4	15.7	15.0	15.0
12.7	14.4	14.5	15.6	16.0	15.7	15.8	15.0	15.5
12.7	14.5	13.7	15.4	16.1	15.4	15.5	14.9	15.9
12.8	14.1	13.8	15.5	<15.9	15.9	15.4	15.6	15.3
12.9	14.2	14.1	15.2	<15.9	<15.2	15.2	15.7	15.7
12.7	14.3	13.8	16.0	<15.9	<16.0	15.7	15.7	14.7
12.9	14.7	13.8	15.4	<15.9	16.1	15.9	15.6	15.4
12.6	15.3	14.4	15.7	15.8	<16.0	15.3	16.0	14.8
12.5	15.3	14.0	15.7	<15.9	<16.0	15.1	16.3	14.4
12.5	15.5	13.9	15.2	<15.9	<16.0	15.8	16.3	15.2
12.5	15.2	13.9	15.0	<15.9	<16.0	15.7	16.1	14.8
12.5	15.4	14.0	15.5	<15.9	<16.0	15.7	16.1	14.4
12.4	15.3	13.4	15.8	<15.9	<16.0	15.4	16.1	15.3
12.4	14.8	14.1	15.1	<15.9	<16.0	15.8	16.2	15.6

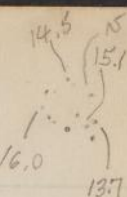
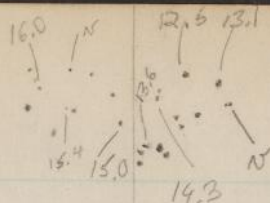
		466	26W	227 alone	227 with companion	127	107	130(174) alone
24731,558	MF10592	15.2	14.7	—	13.4	15.4	13.9	—
33.564	64	15.2	14.6	—	13.5	15.5	13.9	—
53.532	66	15.9	14.5	13.9	13.6	14.8	14.5	12.7
55.529	71	15.0	14.6	13.9	13.4	14.8	15.0	—
59.474	83	15.9	14.6	13.9	13.4	14.9	15.3	12.6
25330.613	11492	16.0	<16.0	—	13.3	16.1	15.4	12.6
82.499	645	15.3	<16.0	—	13.4	<15.0	<16.0	—
83.467	58	15.7	16.5	13.7	13.4	<15.0	<16.0	—
84.529	74	16.2	16.1	13.6	13.4	<15.0	off	off
85.496	87	15.6	<16.0	13.5	13.3	<15.0	<16.0	—
86.432	699	15.6	<16.0	—	13.2	<15.0	<16.0	—
88.459	713	15.7	16.2	13.5	13.1	16.0	<16.0	15.5
89.484	28	15.4	<16.0	—	13.2	<15.0	<16.0	—
410,487	98	15.7	16.2	13.4	—	15.3	<16.0	—
12.531	817	15.9	15.5	13.7	—	15.2	<16.0	—
14.364	40	15.6	16.0	—	13.2	15.1	<16.0	—
17.405	68	16.2	15.4	—	13.2	15.2	<16.0	—
65.279	12147	15.8	15.2	14.0	13.4	15.1	<16.0	—
81.232	255	15.6	<15.0	—	13.2	15.2	<15.1	—
25705.591	947	15.4	15.6	—	13.1	<15.0	14.8	—
06.522	57	<15.4	<15.0	—	13.2	<15.0	14.6	—
17.607	3036	15.1	<15.4	—	13.3	<15.7	14.8	—
20.507	38	<15.4	<15.0	—	13.5	<15.0	15.0	—
20.538	31	16.1	<15.0	—	13.4	16.2	14.8	—
.571	40	16.1	16.0	—	13.5	<16.1	14.9	—
.603	41	16.0	16.0	13.8	13.4	<15.7	14.9	—
.634	42	<15.4	<15.0	—	13.5	<15.0	14.9	13.5
42.563	103	16.1	<16.0	—	13.3	16.1	15.6	—

74)
ne130 with
companion

30 with companion	236	277	149	24W	181	71	189	70
12.5	14.7	13.9	15.7	<15.9	<16.0	15.9	16.2	15.4
12.4	14.4	13.9	15.8	<15.9	<16.0	15.8	16.1	15.3
12.3	14.4	13.9	15.7	<15.9	15.9	15.9	14.7	15.6
12.2	14.3	14.0	15.7	<15.9	15.9	15.8	14.5	15.6
12.3	14.3	13.8	15.2	<15.9	15.8	15.8	14.3	15.3
12.4	15.6	13.7	15.1	<15.9	<15.2	15.6	<15.7	15.1
12.7	14.6	13.8	16.0	<15.9	15.4	15.6	16.1	14.8
12.6	15.1	14.2	15.4	<15.9	15.5	15.3	16.2	15.5
off	14.8	13.8	15.6	<15.3	—	off	<15.7	off
12.6	14.9	14.0	15.4	<15.9	15.3	15.3	16.2	15.5
12.7	15.1	13.9	15.8	<15.9	15.4	15.6	16.1	15.4
12.7	15.1	14.3	15.6	<15.9	15.1	15.8	16.0	15.5
12.8	14.9	13.8	15.1	<15.9	15.1	15.8	16.1	14.8
12.8	15.1	14.0	15.2	<15.9	14.2	15.7	15.0	14.7
12.9	15.9	14.0	15.2	16.0	13.9	15.6	15.1	15.0
12.8	15.3	13.5	<15.3	<15.3	13.7	<15.2	14.7	15.6
12.6	15.3	13.8	15.5	<15.9	13.7	15.9	14.8	15.7
12.6	14.5	13.9	15.5	14.2	14.8	15.0	15.1	14.9
12.6	14.4	13.9	15.4	14.3	<14.7	<14.7	15.9	15.6
12.1	14.8	13.7	15.2	15.3	<15.2	15.9	15.5	15.4
12.3	14.8	13.8	<14.5	<14.5	<14.7	<14.7	15.7	15.2
12.4	15.3	13.7	15.7	15.5	<15.2	15.9	15.3	15.4
12.5	15.3	13.7	15.4	<15.3	<15.2	<15.2	15.2	15.5
12.5	15.4	13.9	<15.3	<15.3	<15.2	<15.2	15.4	15.3
12.4	15.0	13.7	15.7	15.7	<15.2	15.8	15.2	15.0
12.4	15.0	13.9	15.7	15.9	<15.2	15.9	15.4	14.4
12.6	15.1	13.8	<15.3	<15.3	<15.2	<15.2	15.2	14.7
12.6	14.9	13.7	15.5	<15.3	<15.2	15.2	14.0	15.3

		466	26 W	227 alone	227 with companion	127	107	130 (174) alone
257 45.447	MF13115	15.3	<15.0	—	13.1	<15.7	15.5	—
95.399	301	16.2	<16.0	13.3	12.8	15.0	<16.0	—
27680.226	19742	15.1	16.2	13.9	—	15.2	13.5	—
26067.619	B34048	15.8	<16.0	13.4	13.8	<15.0	<15.1	—
75.586	73	15.7	<16.0	13.5	—	16.2	<15.1	—
89.517	104	16.1	<16.0	—	13.4	15.9	15.0	—
90.578	14	—	<15.0	—	13.4	<14.5	<14.5	—
91.445	24	<15.4	<15.4	—	13.5	<14.5	14.9	—
91.477	25	<16.1	<15.0	—	13.4	<15.0	14.9	—
.508	26	15.9	15.8	—	13.4	15.9	14.9	—
.540	27	<16.1	16.1	13.8	13.4	15.8	14.9	—
.572	28	—	<15.0	—	13.4	<15.0	<14.5	—
.604	29	<15.4	<15.4	—	13.2	16.0	14.9	—
.636	30	16.0	<15.4	—	13.4	<15.0	15.0	—
92.503	40	14.9	15.8	—	13.4	15.8	14.8	—
93.503	54	<16.1	16.0	—	13.5	15.6	14.7	—
95.540	69	15.8	15.9	—	13.5	15.8	14.6	—
96.500	82	16.0	15.6	—	13.5	15.4	14.6	—
97.523	196	14.9	15.5	14.3	—	15.6	14.5	—
102.535	214	15.8	15.5	14.1	13.5	15.2	13.9	—
03.538	19	15.9	15.6	—	13.5	15.0	13.5	—
04.507	23	<15.0	15.4	—	13.5	15.1	13.5	—
20.499	67	15.2	15.2	—	13.4	14.6	14.6	—
23.462	94	15.6	15.2	—	13.4	14.5	14.7	—
30.363	324	15.4	15.3	—	13.8	14.6	14.9	—
31.493	41	15.7	15.3	13.2	13.0	14.5	14.9	—
44.365	57	<15.4	15.1	—	13.3	14.5	<14.5	—
6.397	70	<15.4	15.0	—	13.2	14.5	<14.5	—

(4)	130 with companion	236	277	149	24W	181	71	189	70
	12.5	15.0	13.4	<15.3	<15.3	<15.2	<15.2	13.8	15.3
	12.7	15.3	14.0	15.5	<15.9	15.5	15.8	15.11	15.7
	12.8	15.4	13.9	15.7	14.9	13.7	15.4	13.7	15.7
	12.3	14.9	13.9	15.3	<15.9	13.9	15.5	14.0	15.9
	12.4	14.3	13.7	15.8	16.0	14.5	15.8	13.9	15.5
	12.3	14.8	14.4	16.0	<15.9	15.0	15.9	13.7	15.8
	12.4	14.2	13.8	<15.3	<15.3	15.0	<15.2	13.8	15.1
	12.4	14.1	13.6	<15.3	<15.3	14.9	15.4	13.7	15.7
	12.5	14.3	13.9	15.5	<15.3	15.0	15.7	13.8	15.7
	12.4	14.1	14.1	<15.3	<15.3	15.0	15.4	13.8	15.9
	12.4	14.3	14.3	15.6	<15.3	15.1	15.6	13.8	15.7
	12.4	14.2	13.9	<15.3	<15.3	<14.5	15.8	13.8	15.4
	12.4	14.5	13.9	15.7	<15.3	15.0	<15.2	13.8	15.3
	12.3	14.5	13.8	<15.3	<15.3	<14.5	<15.2	13.8	15.4
	12.4	14.2	13.9	15.4	<15.3	15.0	15.2	13.8	15.0
	12.4	14.2	13.7	15.9	15.9	14.7	15.3	13.9	15.7
	12.4	14.5	13.9	15.7	15.9	15.5	15.4	13.8	15.3
	12.4	14.2	14.4	15.7	15.9	15.3	15.8	13.9	15.6
	12.3	14.1	13.9	15.6	15.6	13.2	15.9	13.8	15.1
	12.4	14.3	13.8	15.8	15.4	15.7	15.8	14.3	15.3
	12.5	14.3	14.0	15.2	15.1	15.9	15.7	14.5	15.5
	12.4	14.3	14.0	15.7	15.3	15.8	15.9	14.4	15.2
	12.5	14.8	13.9	<15.3	14.7	<15.2	15.5	15.2	15.1
	12.5	14.6	14.0	15.8	14.8	<15.2	15.8	15.5	15.1
	12.5	15.2	13.8	15.9	15.0	<15.2	15.7	16.1	15.1
	12.5	14.6	13.8	15.3	15.0	<15.2	15.9	15.9	15.6
	12.6	14.6	13.7	15.4	15.2	<15.2	<15.2	—	14.8
	12.7	14.7	13.8	<15.3	15.2	<15.0	15.5	16.2	15.4



466

26W

227
alone227 with
companion

127

107

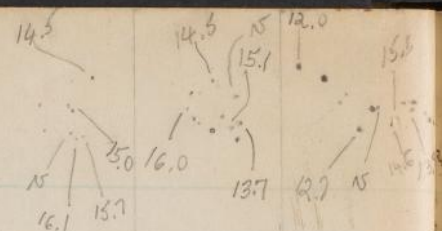
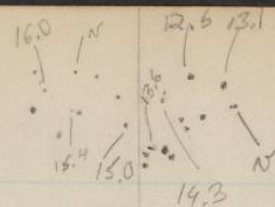
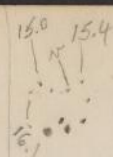
130 (174)
alone

26147.482	54383	15.5	14.9	—	13.1	14.7	<14.5	—
8.480	89	<15.4	15.2	—	13.3	14.8	<14.5	—
54.391	418	16.0	14.8	—	13.3	14.7	<15.1	—
8.375	52	<15.4	15.0	—	13.5	15.0	<14.5	—
9.361	63	15.5	15.2	13.7	—	15.0	<14.5	—
60.452	76	<15.4	15.2	13.6	13.4	15.0	<14.5	—
61.453	80	<15.4	15.2	—	13.4	<15.0	<14.5	—
74.832	94	15.5	15.5	—	13.5	<15.0	<15.1	—
75.363	503	15.7	15.3	13.7	13.4	15.4	<15.1	—
6.360	12	15.4	15.3	13.8	—	<15.0	<15.1	—
7.396	21	16.1	15.5	13.6	13.3	15.6	<16.0	—
81.369	47	15.6	<16.0	13.5	13.3	15.7	<15.1	—
8.345	87	15.7	<15.4	—	13.4	<15.0	<15.1	—
202.246	610	15.7	15.5	—	13.4	<15.0	<16.0	—
4.259	14	<15.4	<15.4	—	13.5	<15.7	<15.1	—
31.249	63	15.6	<15.4	—	13.4	<15.0	<15.1	—
43.229	704	15.7	<16.0	—	13.6	<15.7	<16.2	—
441.540	55020	—	—	—	13.3	<15.0	<14.5	—
52.550	43	15.9	<16.0	13.3	12.9	15.9	<16.0	—
60.596	106	15.9	<16.0	13.2	12.8	15.5	<15.1	—
74.471	59	<15.4	<15.4	—	13.3	15.0	<14.5	—
5.492	62	<15.4	<15.0	—	13.3	15.0	<14.5	—
9.507	90	—	<15.0	—	13.4	15.1	<14.5	—
81.461	213	15.5	<15.4	13.8	—	15.0	14.7	—
4.497	47	15.4	<15.0	—	13.4	14.9	13.6	—
6.465	67	—	<15.0	—	13.4	<14.5	13.7	—
502.432	99	<15.4	<15.0	—	13.5	14.9	13.4	—
3.526	310	—	<15.0	—	13.6	<14.5	—	—

(74)

130 with
companion

130 with companion	236	277	149	24W	181	71	189	70
12.6	14.8	14.1	15.5	15.1	<15.2	15.3	<16.2	15.4
12.7	14.8	13.7	<15.3	15.1	<15.2	15.4	<16.2	15.9
12.6	14.9	13.7	<15.9	15.4	<15.2	15.9	<16.2	15.6
12.7	14.9	13.9	15.3	15.4	<15.2	15.8	<15.0	15.5
12.7	14.7	13.9	15.7	15.5	<15.2	15.3	16.2	15.3
12.8	14.7	13.8	15.4	15.4	<15.2	<15.2	<15.0	15.7
12.7	14.7	13.9	<14.5	15.3	<15.2	<15.2	<15.0	14.9 ³
12.6	14.6	14.0	15.3	<15.3	<15.2	<15.2	<15.0	<15.5
12.6	14.5	13.9	<15.3	<15.3	<15.2	15.5	<16.2	15.1
12.6	14.4	13.8	15.2	<15.3	<15.2	<15.2	<15.0	15.4
12.7	14.2	13.9	15.8	<15.9	<16.0	16.0	<16.2	14.8
12.7	14.3	13.9	15.4	<15.3	<15.2	15.5	<15.0	15.3
12.7	14.3	13.7	<15.3	<15.3	<15.2	15.1	<15.0	15.7
12.7	14.1	14.0	15.7	<15.9	15.9	15.8	15.6	15.9
12.6	14.0	13.9	15.5	<15.3	<15.2	<15.2	15.4	15.2
12.5	14.9	13.9	15.4	<15.3	14.1	<15.2	13.5	15.8
12.5	14.9	13.9	15.6	<15.3	13.5	<15.2	13.6	15.3
12.5	14.7	13.7	<14.5	<14.5	<14.7	<14.7	<14.3	<14.6
12.4	14.8	13.9	15.7	<15.9	13.6	15.9	16.1	15.2
12.4	14.8	13.9	15.4	<15.3	13.7	15.8	<15.0	15.3
12.4	14.8	14.2	15.6	<15.3	14.4	15.5	<16.2	15.4
12.5	14.6	13.7	<15.3	<15.3	—	15.5	<15.0	<15.5
12.4	14.7	13.8	<15.3	<15.3	14.5	—	—	<15.5
12.4	14.7	14.5	15.5	<15.3	14.6	15.8	<15.0	15.4
12.4	14.6	13.7	<15.3	<15.3	14.6	15.7	<15.0	15.6
12.4	14.6	—	<14.5	<14.5	—	<15.2	<14.3	<14.6
12.6	14.8	13.7	15.9	<15.9	<15.2	15.7	<15.0	15.5
12.6	14.4	13.7	15.1	<15.3	<15.2	<15.2	<15.0	<14.6

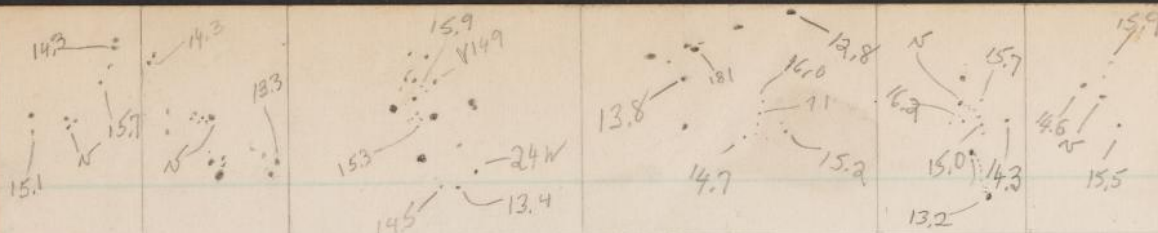


		466	26W	227 alone	227 with companion	127	107	130 (174) alone
26504,426	B55321	16.2	<16.0	—	13.6	14.9	13.2	—
5,410	34	15.3	<16.0	—	13.5	14.9	13.3	—
7,487	51	<15.4	16.3	—	13.5	15.0	13.3	—
8,479	60	14.7	<15.4	—	13.6	15.1	13.3	—
34,346	414	15.6	<16.0	—	13.0	15.9	14.6	—
8,410	23	—	<15.0	13.4	—	—	—	—
66,281	510	15.6	15.4	—	13.5	<15.7	<14.5	—
71,272	33	<15.4	15.4	—	13.6	<15.0	<14.5	—
86,250	54	<16.1	15.1	—	13.4	16.2	<14.5	—
95,256	75	15.4	14.8	—	13.3	<15.0	<14.5	—
777,628	872	—	<15.0	—	13.6	—	—	—
801,557	914	16.2	14.8	—	13.0	15.6	<16.0	—
4,561	49	15.6	14.9	—	12.9	15.1	<15.1	—
9,635	92	15.5	14.8	13.0	12.8	15.1	<16.0	—
10,513	56002	<15.4	14.8	—	13.2	15.0	<14.5	—
31,572	46	15.2	14.8	—	13.2	15.3	<14.5	—
67,523	207	15.2	16.0	—	13.2	14.9	<15.1	—
72,504	53	15.5	15.5	13.5	—	15.1	<15.1	—
925,375	477	15.5	<16.0	—	13.2	<15.7	<14.5	—
7,378	90	15.6	<15.4	—	13.3	<15.7	<15.1	—
80,232	684	—	<15.4	—	12.9	<15.0	<14.5	—
27246,244	57381	—	—	13.6	13.3	<15.0	—	—
.328	84	—	—	—	13.3	<14.5	—	—
.404	87	—	—	—	13.4	—	—	—
47,477	97	—	14.8:	—	13.4	<14.5	—	—
923,6216	39678	15.7	16.3	13.8	13.4	15.9	<16.0	—
51,5473	749	—	—	—	—	—	—	—
78,4589	917	15.9	14.9	13.5	13.2	16.0	<15.1	—

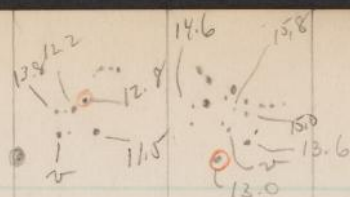
74)
me130 with
companion

30 with companion	236	277	149	24W	181	71	189	70
12.6	14.6	13.7	15.7	<15.9	15.5	15.7	16.2	14.9
12.6	14.3	13.9	15.8	<15.3	15.5	15.6	16.2	15.6
12.6	14.8	13.9	15.7	<15.3	15.6	<15.2	16.0	15.6
12.6	14.8	13.9	15.6	<15.9	15.8	15.8	15.8	15.5
12.7	15.0	13.8	15.7	16.1	<15.2	15.9	13.9	15.6
12.7	15.1	13.7	<15.3	14.9	<14.7	<14.7	13.9	—
12.7	14.8	14.0	<15.3	13.4	<15.2	15.8	13.7	15.2
12.7	14.7	13.9	15.9	13.5	<15.2	<15.2	13.8	15.6
12.7	14.8	14.1	15.8	14.5	<15.2	16.0	14.0	15.6
12.6	14.7	13.9	15.8	14.9	<15.2	15.4	14.3	15.5
12.8	14.4	14.4	<14.5	14.6	<14.7	<14.7	<14.3	<14.6
12.5	14.7	13.7	15.2	15.2	<15.2	15.1	16.2	15.3
12.5	14.1	14.0	15.8	14.9	<15.2	16.0	16.1	15.7
12.5	14.1	13.9	15.6	15.3	<15.2	15.7	16.1	14.7
12.6	14.3	13.9	15.1	15.0	<15.2	15.7	<16.2	15.6
12.4	14.3	14.2	15.7	<15.9	<15.2	15.7	15.8	15.5
12.4	15.6	13.8	15.6	<15.9	14.8	15.5	13.9	15.8
12.5	14.8	14.0	15.4	<15.3	14.8	<15.2	13.7	15.6
12.6	14.5	13.8	15.7	<15.3	15.9	15.9	15.6	14.5
12.6	14.6	13.7	15.8	<15.3	15.9	16.0	15.8	15.4
12.6	14.8	13.8	<14.5	14.7	<14.7	<14.7	<14.3	15.4
12.6	14.4	14.0	<14.5	<14.5	<14.7	<14.7	<14.3	<14.6
12.6	14.2	13.8	<14.5	<14.5	<14.7	<14.7	<14.3	—
—	—	—	—	—	—	—	—	—
12.6	14.8	13.8	15.2	15.3	<14.7	<14.7	<14.3	<14.6
12.7	14.6	13.9	15.8	15.8	13.7	15.9	16.1	15.4
—	—	—	—	—	—	—	—	—
12.3	14.7	13.9	15.6	<15.9	16.0	15.8	14.9	15.7

		466	26 W	227 alone	227 with companion	127	107	130(174) alone
28042,3144	B60123	16.2	16.2	13.6	—	14.5	<16.0	—
63,2269	91	16.1	<16.0	—	13.3	14.8	<15.1	—
287,4235	738	16.1	<16.0	—	13.5	16.1	14.6	—
371,3409	61113	15.4	15.7	13.6	12.8	15.3	<16.0	—
91.3079	86	15.2	15.8	13.8	—	14.4	<15.1	—
668.4040	936	16.1	14.7	—	—	<15.0	13.6	—
99.2722	62101	—	<15.1	—	13.4	<14.5	<13.9	—
745.3420	292	15.9	<16.0	—	13.3	14.3	<15.1	—
776.2802	444	16.1	<16.0	13.6	13.2	15.8	<15.1	—
994.5202	967	15.2	<16.0	13.9	13.4	16.0	<16.0	—
29019,6132	63089	16.3	<16.0	—	13.4	16.1	<16.0	—
9048.5597	201	16.1	<16.0	13.4	12.9	15.8	<15.1	—
76.4362	317	15.3	15.7	13.6	—	14.6	14.9	—
109.2124	487	15.3	15.1	—	13.3	14.5	15.4	—
34.3159	584	16.2	14.6	13.6	13.3	16.0	<16.1	—
65.2611	735	14.9	15.4	13.4	12.9	16.0	<16.0	—
405.3564	64339	15.3	15.9	13.3	—	15.1	<16.0	—
89.3736	695	15.9	<16.0	13.6	—	16.2	13.5	—
24641,682	A13659	15.5	<16.0	13.6	—	16.2	off	off
4.679	82	15.0	<16.0	13.7	—	<15.7	off	off
82.584	832	15.4	<16.0	13.4	—	16.1	off	off
762,496	14011	15.3	14.9	13.9	—	14.9	off	off
.524	12	15.3	14.7	13.8	—	14.8	off	off
.552	13	15.5	14.7	13.8	—	15.0	off	off
.586	14	15.3	14.8	13.8	—	15.0	off	off
.611	15	15.5	14.8	13.6	—	15.0	off	off
.641	16	15.5	14.9	13.8	—	14.9	off	off



130 with companion	236	277	149	24W	181	71	189	70
12.5	14.3	13.9	15.2	15.9	<16.0	15.5	15.0	15.7
12.8	15.0	13.8	15.5	14.8	<15.2	15.2	16.2	15.7
12.7	13.8	13.9	<15.3	15.0	15.0	<15.2	15.8	15.2
12.1	15.8	13.7	15.7	16.0	15.5	15.8	15.3	15.6
12.5	14.8	13.8	15.8	<15.9	<16.0	15.0	16.0	15.3
12.7	14.7	13.6	15.5	<15.3	<15.2	<15.2	14.0	15.1
12.6	14.8	13.7	<15.3	<15.3	<14.7	<14.7	<14.3	14.9
12.1	14.9	14.4	<14.5	14.7	<14.7	<14.7	<15.0	15.5
12.6	14.9	14.1	15.8	15.2	14.5	<15.2	15.0	15.9
12.8	14.9	13.7	15.9	15.2	15.8	15.7	13.8	15.3
12.7	14.5	14.5	15.7	<15.9	16.3	15.5	15.4	15.6
12.7	14.9	14.2	15.9	<15.9	<15.2	15.1	16.2	15.1
12.7	14.3	13.8	15.7	<15.9	16.2	15.8	15.8	15.4
12.3	15.0	13.7	15.4	<15.9	<14.7	15.1	14.7	15.4
12.2	14.4	14.1	15.5	<15.9	13.4	15.7	13.4	15.3
12.4	14.8	14.1	15.2	15.7	13.6	15.5	14.2	15.2
12.7	14.7	14.3	15.6	14.6	15.0	15.6	15.9	15.3
12.1	14.7	14.2	15.7	16.0	<16.0	15.8	14.3	15.3
off	14.4	14.2	15.4	15.7	off	off	off	off
off	14.2	14.4	15.6	15.7	off	off	off	off
off	14.4	13.7	15.3	<15.9	off	off	15.9	off
off	14.4	13.8	15.6	<15.9	<15.2	15.5	13.9	off
off	14.2	13.9	15.6	<15.3	<15.2	15.6	13.9	off
off	14.2	13.9	15.6	<15.9	<15.2	15.7	13.8	off
off	14.4	14.0	15.6	<15.9	15.8	15.8	13.8	off
off	14.5	14.2	15.7	<15.9	15.9	15.8	13.9	off
off	14.4	14.4	15.7	<15.9	15.9	15.8	13.8	off



CL Sco 503

23912.769	MF8544	13.5	15.4
992.590	8723	13.4	15.5
24018.530	8755	13.5	15.5
194.754	9178	13.2	14.4
370.553	9648	13.4	14.8
623.762	10132	12.5	15.1
626.753	138	12.4	15.2
627.755	143	12.6	15.4
642.760	189	12.2	15.3
646.699	214	12.1	15.4
647.686	222	12.1	15.4
648.687	230	12.2	15.6
649.688	238	12.1	15.2
650.692	247	12.1	15.4
653.749	265	11.9	15.5
654.745	269	11.9	15.4
655.787	277	12.0	15.4
656.785	282	11.7	15.2
669.687	308	11.8	15.4
670.680	315	12.1	15.6
678.683	345	11.8	15.4
679.683	354	11.8	15.6
697.623	425	12.3	15.6
699.689	440	12.2	15.2
702.686	456	12.2	15.6
704.682	472	12.2	15.6
706.687	488	12.1	15.7
710.691	515	12.0+	15.6
727.566	570	12.0	15.6
731.559	592	12.0	15.8

		C L Sco	503
24733.564	41 F10614	11.9	15.5
753.533	666	11.9	15.6
755.529	671	12.0	15.5
759.511	683	12.1	15.6
25330.613	11492	12.6	15.5
382.499	645	12.4	15.6
383.467	658	12.8	15.8
384.529	674	12.7	15.6
385.496	687	12.5	15.5
386.432	699	12.4	15.3
388.459	713	12.5	15.7
389.484	728	12.4	15.6
410.487	798	11.9	15.6
412.531	817	11.9	15.0
414.364	840	11.8	15.4
417.405	868	11.7	14.8
465.279	12147	12.7	15.4
481.232	255	13.4	14.8
705.591	947	13.5	14.2
706.522	957	13.5	14.0
717.607	13036	13.4	14.2
720.507	038	13.4	14.0
.583	039	13.4	14.1
.591	040	13.4	14.2
.603	041	13.4	14.0
.634	042	13.5	14.1
742.563	103	13.5	14.2
745.447	115	13.4	14.0
795.399	301	13.5	14.4
27680.226	19742	13.4	14.4

		CL	503
26067.619	B 54048	12.8	14.2
075.586	073	13.1	14.8
089.517	104	13.2	15.0
090.578	114	13.1	14.9
091.445	124	13.1	15.0
477	25		
.508	26	13.0	15.0
.540	27		
.570	28	13.2	14.9
.604	29		
.636	30	13.3	15.0
092.503	40	13.3	14.8
093.503	54	13.2	15.0
095.540	69	13.3	15.0
096.500	82	13.2	15.0
097.523	96	13.3	14.9
102.535	214	13.3	14.9
103.538	19	13.3	15.1
104.507	23	13.2	15.0
120.499	67	13.5	14.7
123.462	94	13.5	14.7
130.363	324	13.6	15.0
131.493	41	13.4	14.7
144.365	57	13.5	15.0
146.397	70	13.4	15.0
147.482	83	13.6	15.0
148.480	89	13.5	15.0
153.437	405		
154.391	18	13.6	15.1

		CL	503
26158.375	B.54452	13.6	15.0
159.361	63	13.6	15.0
160.452	76	13.6	15.1
161.453	80	13.7	14.8
174.332	94	13.7	14.8
175.363	503	13.7	14.9
176.360	12	13.6	15.0
177.396	21	13.6	14.8
181.369	47	13.7	14.9
188.345	27	13.7	14.7
202.246	610	13.7	14.9
204.259	14	13.7	15.0
231.249	63	13.7-	14.8
243.229	704	13.7	14.2
441.540	55020	13.7	13.4
452.550	43	13.8	13.4
460.596	106	13.7	13.5
474.471	59	13.7	13.4
475.492	62	13.4	13.4
479.501	90	13.5	13.3
481.461	213	13.6	13.4
484.497	47	13.5	13.3
486.495	67	13.6	13.6
502.432	99	13.5	13.4
503.526	310	13.7	13.6
504.426	21	13.7	13.6
505.410	334	13.6	13.7
507.487	51	13.6	13.5
508.479	60	13.6	13.7
534.346	414	13.5	13.4

		CL	503
26538.410	B55423	13.4	13.7
566.281	510	11.4	13.7
571.272	33	11.5	13.6
586.250	54	11.7	13.5
595.256	75	11.6	13.6
777.628	872	12.0	13.1
801.557	914	12.0	13.4
804.561	49	11.8	13.3
809.635	92	12.3	13.4
810.513	56002	12.0	13.3
831.572	46	12.3	13.3
867.523	209	12.6	13.2
872.504	53	12.5	13.2
925.375	477	13.5	13.4
927.378	90	13.5	13.4
980.282	684	13.6	13.4
27246.244	57381	12.4	14.6
.328	84	12.5	14.4
.404	87	12.5	—
247.477	97	12.4	14.4
923.622	59678	13.4	14.6
951.547	749	13.6	14.8
978.459	917	13.5	14.7
28042.314	60123	13.6	14.6
063.227	191	13.7	14.1
287.723	738	13.6	14.3
376 341	61113	13.7	14.2
391.308	186	13.6	14.3
668.404	936	12.3	14.6

28699		CL	503
28 699 ²⁷²	B 62101	13.6	14.8
745 342	292	13.5	15.2
776.280	444	13.6	15.4
994.520	967	13.2	14.5
29019.560	63087	12.1	14.4
048.560	63201	11.6	14.5
076.436	317	11.3	14.4
109.212	487	11.1	14.5
134.316	584	11.5	14.4
165.261	735	11.5	14.5
405.356	64339	13.0	15.2
489.374	695	13.5	15.2

28997 ^{new}
MF 24561 12.2 14.7
17-30

27141.597	RB 3956	13.6	13.0
194.542	4111	13.6	13.0
219.409	187	13.4	13.2
270.361	435	13.4	<13.6
324.235	605	12.6	<14
525.514	983	13.6	<14
565.480	5157	13.5	14.6
576.572	202	13.6	14.6
629.352	419	13.6	14.6
635.352	467	13.4	14.3
683.295	593	13.5	<14
695.239	657	13.7	<13.6
959.476	6154	13.8	14.3
991.244	254	13.6	14.3
28309.461	789	13.5	14.4
365.402	902	13.8	14.4

		11.5	13.0
		12.2	13.6
		12.8	14.6
		13.8	15.0
			15.8
		CLSu	40 4493
			503
29752.612	B 65295	12.2	13.9-8
811.449	544	12.3	14.2
844.373	720	12.4	14.4
874.284	874	12.2	14.4
29784.421	MF 27719	12.1	14.4
785.421	734	12.1	14.4
786.420	714	12.0	14.4
787.454	759	12.0	14.3
791.417	773	12.0	14.5
28610.595	RB 7276	12.2	14.0
64.399	7342	12.1	14.4
719.486	7454	13.7	15.0
43.234	796	13.7	14.8
82.243	576	13.9	14.8
961.594	750	13.7	14.8
29020.599	917	12.0	14.8
081.459	2089	11.2	14.1
108.319	139	11.3	14.5
61.252	255	11.6	14.6
347.609	534	12.7	14.5
392.508	686	13.0	14.2
396.474	708	13.0	14.7
402.601	730	13.1	14.7
59.403	958	13.4	15.1
68.226	981	13.5	15.0
529.261	9168	13.8	15.0
760.400	570	14.9	14.1

		CLS _u	HK S _u
29767.402	RB 9610	12.4	14.0
776.587	621	12.5	14.1
820.233	712	12.6	14.0
833.409	837	12.0	13.9
840.318	854	12.3	14.4
26469.503	RB 1677	13.8	13.7
477.170	1717	13.7	13.6
484.511	55	13.5	13.7
490.484	1803	13.5	13.5
546.264	1938	12.2	13.3
587.296	2083	11.9	13.5
598.280	127	11.8	13.4
777.619	525	12.0	12.6
829.482	690	12.0	13.0
894.408	3061	13.5	13.2
911.410	207	14.0	10.5
914.351	233	13.5	13.2
972.239	530	13.8	—
28005.357	AM 1692	13.8	14
013.293	965	14.0	14.5
071.244	17146	13.5	10.5
259.568	443	13.8	14.1
307.415	548	13.9	14.6
316.415	581	13.8	14.5
363.425	706	13.7	14.5
372.357	746	13.8	14.3
418.298	854	13.8	14.3
444.241	911	12.8	—

		CL Sco	HH Sco
28672.420	AM 18284	12.7	14.5
29508.323	20103	13.8	<14
897.242	21055	12.6	14.4
28693.552	AM 18331	13.7	14.3
742.239	435	13.8	<14
743.325	438	13.7	<14.5
744.407	442	13.7	<14
771.241	502	13.8	<14
993.593	839	12.8	—
29048.567	19006	11.5	—
049.478	011	11.6	—
049.568	012	11.6	<14.2
072.319	042	11.4	14.5
073.320	049	11.5	<14.5
074.320	056	11.5	—
076.317	063	11.3	—
102.321	111	11.3	14.5
102.408	112	11.5	<14.5
104.323	117	11.3	14.3
104.408	118	11.4	<14
109.241	136	11.5	<14.5
109.326	137	11.4	14.5
130.326	174	11.4	<14
134.332	181	11.4	—
135.332	187	11.5	—
154.333	222	11.8	—

		CL	HK
11881.686 B	6073	12.3	<14
12631.558	9595	13.6	15.1
12677.637	10060	13.7	14.6
13290.765	12917	13.9	14.9
346.627	13490	14.3-	14.7
348	532	—	—
357.767	741	13.9	<14.5
376.607	867	13.6	14.5
883.673	985	13.9	14.5
409.572	14290	13.8	<14
702.687	15943	13.8 11.7	14.0
709.751	988	13.9 11.8	14.4
730.641	16442	13.9 11.7	14.1
758.712	879	14.0 11.4	<15
797.601	17233	14.2 11.5	14.6
833.530	503	13.9 11.4	15.0
14036.842	18882	14.1	14.7
055837	19062	14.3	14.6
070.803	195	13.7	14.2
084.677	439	14.0	14.3-
085.696	481	13.9	14.0
086.587	506	14.1	14.1
122.691	841	13.8	<13.6
181.584	20281	13.9	14.3
189.515	475	13.8	<14
392.885	21196	13.1	<14.5
538.554	926	13.1	<14
822.712	23052	11.3	<14.5
844.623	361	11.4	<14
15158.747	25334	11.5	14.2

		CL	HK
15 165.766	B 25464	11.6	14.1
168.765	486	11.5	14.1
268.577	26009	11.7	14.4
317.504	481	11.7	14.3
318.516	489	11.9	14.4
488.790	27174	11.9	14.1
583.687	480	12.1	14.9
557.747	720	12.1	14.0
604.576	28159	12.1	14.0
973.589	30533	12.7	14.4
16 221.873	31430	12.8	14.5
320.605	32317	13.2	14.6
360.593	582	13.2	14.6
376.528	636	13.1	14.9
606.750	33652	13.6	13.8
620.657	774	13.3	15.0
622.641	785	13.3	14.8
625.672	829	13.5	14.5
635.795	965	13.0	14.6
639.616	34008	13.0	14.8
19547.782	43121	13.6	14.4
20288.721	44531	13.6	14.2
313.656	671	13.8	14.3
315.631	707	13.6	14.0
325.627	742	13.6	14.0
328.655	753	13.6	14.1
329.597	765	13.5	14.0
329.555	768	12.6	13.9
337.634	846	12.6	14.0
340.586	877	13.7	14.2

		CL	HK
2 0352.608	B 44925	13.6	14.1
358.563	976	13.5	14.1
364.530	45009	13.5	14.0
365.529	013	13.6	13.9
366.541	018	13.6	13.8
21097.644	47756	13.6	—
14846.503	A 3698	11.5	14.65
878.498	3825	11.4	14.55
878.585	28	11.5	14.7
878.613	37	11.4	14.8
878.702	32	11.4	14.5
20682.659	11293	13.7	15.3
23610.713	12506	13.4	14.6
647.492	587	13.3	14.6
6602	590	13.3	14.5
648.493	593	13.1	14.4
6603	596	13.2	14.5
890.699	896	13.8	15.1
909.728	925	13.6	15.2
918.629	943	13.7	15.2
933.655	958	13.6	15.3
938.630	971	13.6	15.3
8.626	13937	12.0	14.8
24727	13937	12.0	14.8
733.618	13958	11.6	14.8
14212.533	2826	—	14.4
15632.573	5625	—	15.0
638.568	5642	12.2	14.8
667.521	5708	—	14.7
16346.487	6509	—	14.6
18470.750	9362	12.2	15.1

		CL	H/K
18794.871	A 10052	—	14.6
830.743	121	—	14.6
882.612	207	13.0	14.7
23581.6583	12427	13.5	14.4
604.643	485	13.4	14.3
644.574	580	13.4	14.3
	13		
22133.667	M ^F 3932	13.7	14.3
135.631	3976	13.7	<14
135.655	3979	13.6	<14.5
199.499	4666	13.7	<15
516.611	6242	13.7	<14
517.568	6257	13.7	<13.5
517.614	6263	13.4	<14
520.591	6279	13.7	<14.5
546.546	6647	13.8	14.6
552.515	6767	13.6	<15
24289.722	9132	12.7	14.6
299.697	250	12.7	14.7
318.708	371	12.8	14.8
352.630	547	12.8	14.7
378.535	698	13.3	14.7
404.483	777	13.6	14.6
27278.275	18386	12.6	15.0
279.270	397	12.9	14.7
281.265	404	12.7	14.6
28724.252	23485	13.6	14.8

$$\begin{array}{r} 30 \\ 13 \\ \hline 30 \\ 390 \\ \hline 150 \\ 5 \end{array}$$

$$\begin{array}{r} 305 \\ 150 \\ \hline \end{array}$$

		CL	HN
14160.611	A 2660	14.1	14.2
510.644	3221	—	12.3
15296.529	4771	11.8	<13.5
17802.562	8422	11.0	<14.5
18102.793	8828	12.5	14.6
181.562	9050	12.5	14.7
96870.393	16102	12.4	13.2
25850.284	14194	13.9	14.6
		—	—
17004.612	AM 3546	<12.5	—
069.689	3623	13.5	—
037.639	86	<12	
077.562	809	<13	
077.534	63	13.3	
241.880	4079	12.5	
329.730	189	12.5	
335.679	202	12.0	+
374.704	294	12.4	
402.632	378	13.0	
448.524	534	13.2	
465.521	561	13.6	
705.858	818	<12	
711.761	839	<12	
713.643	846	<13	
719.764	860	<13	
725.714	869	<13	
730.526	891	12.0	
759.622	960	11.8	
772.654	5000	11.2	<14
814.524	095	11.3	

		CL	
18015.823	AM 5322	12.2	
026.799	330	12.0	
040.818	377	12.0	
068.824	436	12.3	
081.679	474	12.1	
126.528	622	12.4	
150.568	694	12.5	114
168.565	749	12.6	
375.503	AK 178	12.0	X
394.815	AM 6004	12.6	
422.863	6070	12.5	
427.432	AK 283	12.6	
438.690	AM 6111	12.4	
467.292	AK 349	12.3	—?
467.677	AM 6205	12.2	
477.701	6250	12.2	
498.613	6334	12.0	
500.633	6342	12.1	
503.610	6358	12.3	
509.611	688	12.0	
514.576	6415	12.0	
524.527	6439	12.0	
552.275	AK 461	12.3	
819.724	AM 6935	<12	
822.738	57	12.7	
855.662	7062	<12.5	
19159.841	410	<12	
205.657	462	12.2	
250.558	628	12.5	
304.490	825	<12	

		CL	
19568.668	AM 8343	<12.3	
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601.603	468	<12	
616.581	677	<12.5	
911.806	935	<12.5	
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942.662	9088	<12.5	
753.632	167	<11	
782.537	295	<13	
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286.733	817	<13	
287.592	819	<12.5	
296.672	856	"	
306	AK 839	"	
307.677	AM 9093	"	
386.519	10106	"	
393.527	137	"	
415.528	183	"	
624.801	557	13.0	
690.606	779	<12.5	
694.600	811	"	
708.550	901	<13	
991.771	11679	<12.5	
21010.717	815	"	
046.591	12104	"	
047.636	116	<13	
048.603	125	<11	
316.847	920	12.8	
364.735	13139	<15	
421.575	389	<12.5	

CL

CL

21428.565 AM 1342 12.6
 429.572 427 <12
 716.753 941 <13
 731.720 985 <12.5
 777.604 14132 <13
 787.575 147 <12.5
 790.581 165 <13
 22142.550 823 13.4
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 23172.739 716 <12.5
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 198.727 806 <13
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 535.651 14227 13.0
 573.573 280 13.4
 615.562 331 13.4
 639.510 350 12.8
 664.511 385 12.6
 905.733 AX 487 <13
 912.770 513 "
 960.623 612 <13.5
 969.635 663 "
 976.569 695 "
 993.572 724 13.6

14861.589 AM 9 11.2
 904.516 136 11.6
 15108.881 394 11.2
 147.693 453 11.2
 264.514 613 11.3
 274.526 643 11.6
 532.662 807 11.9
 547.752 849 12.0 yellow
 572.669 904 12.0 yellow
 591.583 945 11.9
 633.522 1035 12.1
 872.721 1234 12.8
 879.764 42 <12.3
 897.611 76 <12
 956.653 1482 12.6
 16008.530 1534 <12.8
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 253.636 50 13.0
 264.720 72 <12.5
 298.653 2091 13.0
 323.636 159 12.8
 372.548 269 13.0
 376.529 278 <12.5
 558.828 486 <12
 589.777 856 <13.3
 608.848 638 <13
 625.691 677 12.8
 632.656 719 <12.5
 644.675 744 12.8

		CL
16664.660	AM 2803	12.8
691.623	884	12.7
744.515	3057	<12.5
918.816	5384	<11
922.797	390	<13
943.798	447	"
960.808	480	13.5
972.848	500	<12.5
979.694	535	13.8
988.749	550	<13.5

17719.670	AM 4858	12.8
19645.564	8578	12.8

		CL	NK
11197.573	B 3802	12.2	—
197.581	3803	12.1	—
236.499	4058	12.3	14.6
873.733	5989	Scratch 12.3	—
12236.794	7671	12.8	—
236.807	7672	13.6	—
12672.660	9493	<13	—
677.629	10059	13.8	<15
945.823	11029	<13.5	—
13040.637	698	<11	<13.5
055.603	900	13.9	<15
065.522	999	14.0	<14.5
258.877	12844	<13.5	—
325.820	13311	14.0	<14.5
325.828	312	13.9	11
329.830	358	<13.5	—
444.513	14542	14.2	<14.5
373 621.805	15373	14.0	14.2?
635.801	431	<13.8	13.6?
661.737	589	14.2	14.0
663.869	607	14.0	13.9
673.896	656	14.1	13.9
684.889	703	14.2	14.0
693.820	869	<13.8	13.8
714.736	16095	14.0	14.3
727.809	893	<13	—
741.673	539	13.8	14.2
743.751	612	<13.8	—
779.571	17076	14.1	<14.5
787.570	174	14.1	"
861.601	723	<13.8	—

		CL	H/K
13	954.897 B 18438	13.4	14.6
	990.860 592	14.2	14.7
14	013.887 713	14.1	<14
	022.845 771	13.8	<14.5
	067.774 19162	13.9	<14.8
	107.730 684	14.1	14.5
	436.704 21502	13.2	<14.5
	550.821 983	13.0	—
	751.792 22506	11.2	14.8
	753.797 552	10.8	—
	804.684 926	11.2	—
	885.543 23210	11.5	—
	863.639 690	11.3	<14.5
	885.606 923	11.6	—
15	121.791 25115	11.6	—
	148.676 261	11.4	14.3
	267.572 962	12.0	<14
	308.512 26430	11.9	—
15	486.774 27149	11.7	—
	541.778 560	12.2	<14
	544.731 626	12.1	14.4
	577.617 851	12.1	—
	623.565 28356	12.2	—
	868.754 29472	12.6	14.9
	914.620 30635	<12.3	
	945.546 358	12.5	
16	222.794 31465	12.5	
	222.904 472	12.8	
	289.676 32040	12.8	14.6
	361.543 32617	13.0	

		CL	H/K
16	379.555 B 32645	13.0	off
	583.805 33331	<13	
	605.733 817	13.0	
	615.680 758	12.9	<14
	626.636 (33845)	<13	
	626.695 851	13.0	
	632.739 890	12.9	

Continued next page

		CL	HK			CL	HK
16 934.833	B 35681	<13.5	—	20334.642	B 44810	13.5	14.0
941.817	763	13.7	—	713.508	45425	13.5	14.5
17 069.599	36618	13.6	<14.5	21012.748	46944	13	
075.580	660	12.8	—	022.691	47133	13.5	
080.570	784	<12.5	—	023.690	182	13	
095.564	890	13.1	<14	331855	49905	13.6	?
098.561	954	13.0	"	397.622	51077	<13.5	
727.745	37531	12.5	"	399.625	138	"	
18 041.867	38644	12.4	—	426.598	466	13	
042.884	692	12.0	<14	716.757	52746	13.8	—
081.789	943	12.3	—	731.731	854	<13.5	
361.890	39890	12.7	—	732749	890	13.7	
405.842	40038	12.3	—	751.706	5000	<14	14
438.814	265	12.5	<14	23535	200 643	13.7	14.6
709.807	41297	12.7	<14				
820.780	364	13.0	—				
867.580	623	12.4	—				
19 147.844	42232	13.1	14.4				
176.756	362	12.2	—				
605.484	43353	13.7	<14?				
929.758	763	13.5	—				
998.574	44098	<13	—				
20 023.555	214	13.7	14				

