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Measures of Spectrum Plates

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23.40

December 11 1892

Plate 4948

δ	16	cl.	Rem.	K line Int.	
5.4	9.7	a		N	1
5.3	10.6	g		K-H	1
5.5	12.6	F	953	K-H	1
5.5	17.9	g		K-H	2
6.5	9.9	F	954	K-H	1
7.0	16.3	e		K-H	1
6.3	18.6	a		N	1
6.3	22.4	a		N	1
7.0	24.1	a		N	2
7.7	10.2	e		K-H	1
7.7	12.3	F	955	K-H	1
7.5	17.9	a		K-H	1
8.6	11.3	F	956	K-H	1
8.7	16.5	a		N	1
8.6	18.9	a		K-H	2
9.0	19.1	a		K-H	1
9.0	23.3	g		K-H	2
8.3	9.0	a		N	1
9.6	9.8	a		K-H	1
9.9	13.4	g		K-H	1
9.6	15.3	a		N	2
9.5	15.9	K		K-H	1
9.3	16.2	H		N	1
9.9	16.4	a		N	1
10.3	6.7	F	957	K-H	2
10.5	7.7	a		N	1
10.1	8.8	a		K-H	2
10.8	12.1	a		K-H	1

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1900	G.C.	1900 R.A.	1900 Dec.	Magn	C.D.M.	R.A.	Dec.	Magn
37.5 -36.8					-36 5886	9 36.8	-36 30.4	7.8 3C
45.2 -36.7	13397	9 45.2	-36 43	6.4				
50.2 -36.9	13511	9 50.3	-36 49	8				
3.8 -36.8	13816	10 3.7	-36 50	6.6				
43.2 -37.5	13352	9 43.3	-37 16	8	-37 6072	9 42.3	-37 8.9	7.7
57.2 -37.7	13675	9 57.2	-37 37	8.5				
54 -37.3	13853	10 5.5	-37 14	var.				
15.1 -37.3					-37 6455	10 13.8	-37 09.7	8.3C
19.1 -37.5	14191	10 19.1	-37 31	5.7				
43.9 -38.1	13365	9 43.8	-37 54	7.5	-37 6083	9 42.8	-37 47.8	9.C
49.0 -38.1	13483	9 49.2	-37 56	8				
3.8 -38.0					-37 6310	10 2.6	-37 44.6	8.1
4.5 -38.5					-38 5961	9 45.7	-38 15.4	7.7 3C
57.7 -38.5	13689	9 57.7	-38 26	8				
6.3 -38.4	13879	10 6.4	-38 25	6.9				
7.0 -38.6					-38 6259	10 6.1	-38 28.3	8.0
9.9 -38.6	13949	10 9.9	-38 36	6.9				
41.0 -38.3					-38 5870	9 39.9	-38 09.8	4.3C
42.5 -38.9	13333	9 42.7	-38 52	7.8				
51.9 -39.1	13553	9 51.8	-39 5	7.5				
57.0 -39.0	13667	9 57.0	-38 58	7.5				
58.8 -39.0	13715	9 58.9	-38 56	7.8				
59.5 -38.9	13729	9 59.6	-38 48	7.8				
0.0 -39.1					-38 6142	9 58.9	-38 56.1	8.5 3C
34.6 -39.2	13166	9 34.6	-39 10	7				
37.2 -39.5					-39 5742	9 36.1	-39 9.1	8.5 3C
40.2 -39.1	13276	9 40.2	-39 7	7				
48.6 -39.6					-39 5916	9 47.6	-39 24.3	8.0

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G H Cl. Rem. Kl. Inst.

10.4	12.3	A	N	1
10.6	16.5	J	K=H	2
10	19.4	H	N	1
10.3	22.5	A	N	2
11.5	7.0	A	N	1
11.2	8.7	A	N	1
11.1	11.1	A	K=0.2H	1
11.9	12.2	A	N	1
11.2	12.9	H	N	1
11.6	13.2	A	K=H	1
11.1	14.3	A	N	1
11.9	15.0	A	K=H	1
12.0	17.5	Hd	K=H	1
11.3	20.1	J	K=H	2
11.3	20.2	G	K=H	2
11.5	20.8	G	K=H	1
11.3	21.7	Fl 958	K=H	1
12.7	7.3	H	N	1
12.1	9.7	E	K=H	1
12.2	9.8	A	N	1
12.6	10.3	Fl 959	K=H	1
12.3	13.1	E	K=H	1
12.3	13.5	Lo	K=H	2
12.4	16.4	A	K=H	1
12.6	16.3	E	K=H	1
12.4	17.1	H	N	1
12.4	19.3	Lo	K=H	1
13.5	7.4	Fl 960	K=H	1

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1900	A.G.C.	1900 R.A.	1900 Dec.	Magn.	G.D.M.	Sto.	R.A.	Dec.	Magn.	
49.2 - 39.4					-39	5926	9	48.2	-39 13	7.8 5
0.1 - 39.5	13744	10	0.1	-39 29	6.9					
7.5 - 39.5	13903	10	7.7	-39 30	7.8					
16.0 - 39.4	14100	10	15.8	-39 12	7.1	-39	6302	10	14.7	-39 4.2 7.1 3 6
35.2 - 39.8										which of two stars on chart plate?
40.1 - 39.7						-39	5883	9	38.9	-39 29.9 8.3
45.9 - 39.7	13410	9	45.9	-39 42	7.8					
48.5 - 40.2						-39	5917	9	47.6	-39 58.3 8.6 3 6
51.0 - 39.7						-39	5948	9	49.5	-39 36.5 8.2 3 6
51.3 - 39.9	13541	9	51.3	-39 58	7.0					
54.0 - 39.7						-39	6006	9	33.2	-39 34.6 9.1 3 6
56.2 - 40.1						-39	6038	9	55.2	-39 59.3 8.5 3 6
0.3.0 - 40.2						-40	5792	10	1.8	-40 5.3 8.3
0.9.5 - 39.9	13941	10	9.5	-39 57	6.4					
0.9.6 - 39.8	13943	10	9.7	-39 48	6.8					
0.12.0 - 40.0						-39	6250	10	10.4	-39 43.1 8.5 3 6 which?
14.0 - 39.8	14050	10	13.8	-39 45	10	-39	6251	10	10.5	-39 48.5 8.5 3 6
0.35.9 - 40.5	14051	10	13.8	-39 45	8.2					
42.3 - 40.3	13319 ~~13329~~	9	42.1 ~~42.5~~	-40 11 ~~-40 13~~	8	-40	5403	9	34.8	-40 15.5 7.8 3 6
42.6 - 40.5	13329	9	42.5	-40 13	8	-40	5491	9	41.1	-40 4.4 7.7 3 6
43.9 - 40.5						-40	5497	9	41.5	-40 6.4 7.7 3 6
51.0 - 40.4						-40	5517	9	42.7	-40 16.4 8.0 3 6
51.8 - 40.4	13556	9	51.9	-40 21	7.5	-40	5610	9	49.9	-40 10.6 8.3 3 6
57.0 - 40.4						-40	5697	9	55.9	-40 15.4 8.4 3 6
0.0 - 40.5						-40	5738	9	58.8	-40 22.3 8.7 3 6
2.0 - 40.4						-40	5775	10	0.8	-40 15.3 8.0 3 6
7.9 - 40.4	13901	10	7.7	-40 22	8					
36.2 - 40.8						-40	5440	9	35.2	-40 38.0 8.6 3 6

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δ Hℓ Cl. Rem. Klumpke Int.

13.2	9.3	a		N	2
13.7	10.5	Ti	961	K=H	1
13.3	14.5	H		N	1
14.0	18.8	Lo		K=H	2
14.0	21.7	a		N	3
14.0	23.2	K		K=H	3
13.3	24.2	a		K=H	1
14.9	8.1	H		N	1
14.4	8.6	a		K=H	1
14.2	9.6	a		N	2
15.0	11.1	a		K=H	1
14.2	11.4	H		N	1
14.4	12.6	a		K=H	2
14.1	15.6	a		N	1
14.6	15.6	a		K=H	1
14.9	16.8	G		K=H	2
14.6	17.0	E		K=H	1
14.1	17.8	a		N	1
14.8	18.6	a		K=H	1
14.8	20.3	a		K=0.1H	4
14.1	20.4	a		N	2
14.7	23.7	G		K=H	2
15.6	8.3	a		N	2
15.9	10.5	a		K=H	1
15.3	12.6	Ti	962	K=H	2
15.2	13.4	a		N	1
15.4	14.6	a		N	1
15.5	15.5	K		K=H	1

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1900	A.G.C.	R.A. 1900	Dec. 1900	Magn.	B.D. No.	R.A.	Dec.	Magn.	
41.6	-40.8				-40 5475	9 40.1	-40 35.8	8.5	zc
43.1	-40.9				-40 5523	9 43.2	-40 50.6	8.1	zc
54.0	-40.8	13620	9 54.6	-40 53 7.5	-40 5665	9 53.6	-40 45.6	7.5	zc
6.3	-41.3	13881	10 6.4	-41 13 6.7					
14.1	-41.3	14061	10 14.3	-41 11 6.5					
18.3	-41.2	14156	10 18.1	-41 9 5.3					
20.7	-40.8	14212	9 20.3	-40 38 8.5	-40 6006	10 19.2	-40 30.2	8.3	zc
36.6	-41.5	13227	9 37.4	-41 31 7.8					
38.1	-41.4				-41 5293	9 38.1	-41 8.8	8.5	zc
41.2	-41.2				-41 5325	9 40.7	-41 5.2	7.7	
44.6	-41.7				-41 5377	9 44.6	-41 32.7	8.7	
45.7	-41.4	13421	9 46.3	-41 19 8					
48.2	-41.4	13497	9 49.7	-41 23 7.8	-41 5425	9 48.7	-41 15.2	7.5	zc
58.0	-41.3				-41 5540	9 56.7	-41 8.8	8.7	zc
~~58.2~~ 58.0	-41.7				-41 5542	9 56.8	-41 21.7	8.5	
~~0.0~~ 0.0 1.0	-41.5 7	13765	10 1.0	-41 41 7					
~~1.9~~ 1.9	-41.8 5				-41 5593	10 0.5	-41 20.7	8.4	
4.0	-41.2				-41 5624	10 2.6	-41 7.1	8.7	
5.6	-41.7	13854	10 5.4	-41 36 8.5					
10.5	-41.6	13968	10 10.6	-41 37 4					
10.6	-41.2	13971	10 10.7	-41 13 6.9					
19.3	-41.5	14196	10 19.4	-41 27 6.8					
37.0	-41.7	13236	9 38.1	-41 50 7.5	-41 5681	9 37.1	-41 42.3	7.3	zc
43.0	-42.2				-42 5628	9 42.8	-42 0.1	8.8	zc
49.0	-41.8	13495	9 49.6	-41 50 8.5					
51.9	-41.8	~~13650~~	~~9~~		-41 5456	9 50.8	-41 39.5	8.8	
55.0	-42.0				-41 5505	9 54.1	-41 47.6	8.5	zc
57.7	-42.0	13690	9 57.7	-42 0. 8					

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D 16 C b Kenn Nº Klinc Sept.

15.6	17.1	F	K=H	2
15.6	18.6	a	K=H	1
15.6	18.7	a	N	1
15.4	20.4	a	N	2
15.5	20.5	a	N	1
15.6	24.2	H	K=H	2
16.7	7.3	a	K=H	2
16.6	9.1	a	N	1
16.9	9.6	a	N	1
16.4	11.1	a	N	1
16.7	12.1	a	K=H	1
16.4	12.9	G	K=H	1
17.0	13.5	a	K=0.5H	2
16.3	14.2	a	K=H	1
16.3	15.1	a	K=0.5H	2
16.2	16.4	a	N	1
16.4	17.8	a	N	1
16.3	20.2	a	N	2
16.5	20.6	J	K=H	2
16.5	22.5	a	N	2
16.4	23.8	a	K=H	1
17.3	7.0	J	K=H	2
18.0	7.7	H	N	1
17.6	11.1	J	K=H	1
18.0	11.6	Ha?	N	1
17.7	11.7	H	N	1
17.8	12.0	a	K=H	1
17.3	13.0	H	N	1

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1900	A.G.C.	A 1900	Dec.	Magn.	D.M. No.	R.A.	Dec.	Magn.
2.0 -42.1					-41 5598	10 0.9	-41 55.1	7.7 3G.
6.1 -42.1	13864	10 5.8	-41 59	8.2				
7.0 -42.2	~~13878~~	~~10 6.3~~	~~-42 6~~	8				
7.0 -42.2	13878	10 6.3	-42 6	8	-41 5656	10 5.3	-41 58.6	9.7 Nov ?
10.4 -41.9	13974	10 10.6	-41 53	7.1				
10.8 -41.9	13981	10 11.0	-41 51	7.2				
21.0 -41.9	14231	10 21.0	-41 58	6.7				
34.5 -42.4	13178	9 35.2	-42 25	8	-42 5478	9 34.2	-42 18.0	9.3
39.0 -42.4					-42 5563	9 38.9	-42 16.6	8.9 3G.
41.0 -42.7					-42 5587	9 40.2	-42 28.8	8.9
45.1 -42.5					-42 5628	9 42.8	-42 0.1	8.8 3G
47.7 -42.7					-42 5655	9 44.6	-42 12.9	9.1 3G.
50.0 -42.5	13513	9 50.3	-42 27	8				
51.6 -42.8	13551	9 51.8	-42 43	7.8				
53.5 -42.5					-42 5794	9 52.9	-42 14.6	9.1 3G
56.4 -42.4					-42 5833	9 55.4	-42 16.8	8.0
0.0 -42.4					-42 5891	9 58.9	-42 11.3	9.1 3G
3.8 -42.5	13809	10 3.3	-42 28	8				
10.1 -42.5	13961	10 10.1	-42 18	8.2	-42 6059	10 9.1	-42 11.3	7.8 9G.
11.3 -42.6	13991	10 11.3	-42 36	6.2				
17.0 -42.5	14120	10 16.6	-42 23	7.5				
20.6 -42.3					-42 6197	10 18.9	-42 6.7	8.5
33.0 -42.8					-42 5462	9 33.2	-42 37.5	6.0 Va
34.9 -43.2	13195	9 36.0	-43 4	8	-42 5497	9 35.0	-42 56.9	8.0
44.7 ~~-43.0~~	13394	9 45.2	-43 1	7				
46.0 -43.2					-43 5659	9 45.5	-43 4.2	9.7
47.0 -43.1	13443	9 47.0	-43 1	7.8				
47.7 -43.2					-42 5685	9 46.7	-42 57.3	9.5
50.0 -42.9	13523	9 50.6	-42 51	7.5	-42 5741	9 49.6	-42 43.7	7.9

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Plate 4946

α H	δ	Cl.	Rem.	Nr.	K line	Int.
18.0	18.2	F	964		K=H	1
17.5	22.1	a			N	1
17.3	22.3	a			N	1
18.1	9.9	H			K=H	1
19.0	9.4	a			K=H	1
18.8	10.9	a			K=H	2
18.9	11.7	a			N	1
18.3	12.2	a			K=H	1
18.3	16.1	L			K=H	1
18.5	17.3	a			N	1
16.8	18.9	F	965		K=H	1
18.8	20.0	a			N	2
18.9	23.7	a			K=H	1
19.4	6.3	a			N	2
19.8	12.7	F	966		K=H	2
19.5	15.1	a			K=H	1
20.0	19.2	H			N	1
19.5	20.3	H			K=H	2
19.8	22.6	a			N	1
19.3	23.5	a			N	1
20.7	6.1	Q			N	2
20.1	9.4	Q			N	1
20.6	9.6	Q			N	1
20.2	10.1	a			N	1
20.2	10.2	B	967		N	3
20.9	12.1	a			N	2
20.3	13.3	a			N	1
21.0	13.1	B	968		N	3

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1900.	A.G.C.	R.A. 1875	Dec. 1900	Magn.	G.D.H. Sto.	R.A.	Dec.	Magn.
m	° ′							
6.0	-43 .3	13839	10	50	-43 12	7.2		
16.0	-43 .0					-42	6135 10	14.3 -42 43.0 8.3 3b
16.5	-42.9					-42	6150 10	15.2 -42 35.8 8.1 3b
41.8	-43.3	13312	9	42.0	-43 13	7.8		
40.1	-43.7					-43	5570 9	39.4 -43 29.0 8.9 3b
43.9	-43.7	13381	9	44.5	-43 33	8		
46.6	-43.8					-43	5662 9	45.8 -43 30.8 9.4
8.1	-43.4					-43	5683 9	47.2 -43 12.6 8.6 3b
58.8	-43.4					-43	5872 9	58.2 -43 14.3 7.9
2.7	-43.5					-43	5921 10	1.4 -43 19.8 8.6 3b
7.0	-43.7					-43	6008 10	5.9 -43 28.1 8.2
10.2	-43.7	13970	50 10	9.9 10.6	-43 35 -43 44	8.2 10.2		
19.8	-43.8	14210	10	19.6	-43 45	7.5		
31.0	-43.9	13113	9	31.9	-43 45	7.8		
49.0	-44.3	13487	9	49.3	-44 7	8.2		
56.8	-44.1					-43	5827 9	55.4 -43 50.0 9.5 3b Does 5826 superpose?
7.9	-44.3					-44	6285 10	6.8 -44 6.5 7.2
10.3	-44.0	13977	10	10.8	-43 58	7	-43	6082 10 9.5 -43 50.9 7.0 2b
16.5	-44.3						-43	6183 10 16.0 -43 54.6 8.1 3b
19.2	-43.9	14201	10	19.6	-43 45	7.5	-43	6224 10 18.5 -43 36.7 7.7 2b
30.2	-44.5	13091	9	30.9	-44 23	8		
40.0	-44.2						-44	5784 9 39.3 -44 2.4 8.2 3b
40.7	-44.5	13288	9	40.9	-44 25	8		
42.3	-44.2						-44	5832 9 41.1 -44 8.2 8.3 3b
42.6	-44.2	13331	9	42.6	-44 18	6		
47.7	-44.7						-44	5944 9 46.9 -44 34.2 8.1 3b
51.0	-44.4							
50.2	-44.8	13518 v	9 v	50.4 v	-44 49	6.2		

Does 5826 superpose? The much plate B2N 9N6 a number of small stars appear not affected. Comet of the 7th magnitude

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Plate 4948

		H & H	Cl.	Rem.
20.4	14.9	a	N	2
20.2	15.4	a	N	1
20.9	16.5	H	N	1
21.0	16.8	a	N	1
22.0	11.6	a	N	3
22.0	16.2	a	K=H	1
22.6	10.1	a	K=H	1
22.6	10.3	H	K=H	1
22.9	12.1	g	K=H	2
22.1	13.3	a	N	1
22.1	13.4	a	N	1
22.3	16.8	H	K=H	1
22.1	18.5	H	K=H	1
22.1	21.8	a	N	1
23.6	12.3	b	K=H	3
23.2	14.9	a	N	1
23.8	16.1	a	N	2
24.5	11.9	g	K=H	2
24.5	16.4	a	N	1

$10^h 38^m$ -41.6

Plate 5169

41	13.5	g	K=H	1
4.5	15.5	a	N	1
4.6	15.6	Fh 969	K=H	2
4.9	20.5	K	K=H	3
5.6	11.6	a	N	2
5.5	12.1	a	K=0.6H	2

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1900	A.G.C.	R.A. 1905	Dec 1900	Magn.	L.D.M. No.	R.A.	Dec.	Magn.
55.9 - 44.5	13639	9 55.5	-44 28	6.9				
57.8 - 44.5	13677	9 57.2	-44 21	8.5				
6.5 - 44.9	13885	10 6.4	-44 49	8				
7.4 - 44.9								Which star is marked?
46.2 - 45.3	13417	9 46.1	-45 16	5.6				
0.0 - 45.8					-45 5711	9 58.6	-45 54	8.3 z6
41.6 - 45.5	13308	9 41.8	-45 27	7.8				
42.4 - 45.5	13323	9 42.3	-45 27	7				
47.8 - 45.7	13451	9 47.5	-45 44	6.2				
51.1 - 45.4	~~13534~~	~~9 51.2~~	~~-45 16~~	~~8~~	-45 5557	9 49.8	-45 10.9	8.4 z6
51.5 - 45.4	13534	9 51.2	-45 16	8				
	13768	10 1.1	-45 24	8				
5.4 - 45.8	13769	10 1.1	-45 24	9.5				
7.7 - 45.8	13873	10 6.1	-45 17	7.2				
16.6 - 45.4	14086	10 15.3	-45 9	8.8				
47.8 - 46.1	13455	9 47.9	-46 5	5				
55.7 - 45.9	13636	9 55.3	-45 49	8.5				
59.5 - 46.2	13726	9 59.4	-46 9	6.5				
46.8 - 46.5	13440	9 46.9	-46 28	6.4				
57.0 - 46.4	13674	9 57.1	-46 26	8				
34.8 - 36.2	14550	10 34.7	-36 10	6.9				
39.7 - 36.3	14670	10 39.7	-36 18	8				
40.0 - 36.4	14675	10 40.0	-36 24	6.8				
52.1 - 36.6	14963	10 52.1	-36 36	6.1				
29.6 - 36.9	14416	10 29.8	-36 53	6.9				
30.0 - 36.9	14424	10 30.0	-36 51	8				

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Plate 5167

δ H Cl Rem. Nr. Klinc Dept.

5.6	13.6	a		N	1
5.5	16.6	a		N	1
5.8	16.8	a		N	1
6.5	15.7	a		N	1
6.9	7.4	a		K-0.5H	3
7.1	9.6	H		K=H	1
6.4	14.2	a		K=H	1
6.9	16.7	a		K=H	1
6.4	20.8	a		N	1
7.6	8.0	a		N	2
7.1	11.8	H		N	1
7.6	12.7	a		N	1
7.7	21.6	a		N	1
8.2	7.8	a		K=H	1
8.3	9.2	H	990	K=H	1
9.0	10.3	H	991	K=H	1
8.7	15.3	H	992	K=H	2
8.9	19.6	a		N	2
8.1	19.6	a		N	2
8.1	21.0	a		N	1
9.6	8.7	H		K-H	2
9.5	10.6	a		N	1
9.7	12.2	N		N	2
9.7	14.8	a		N	1
9.4	14.9	a		N	1
10.4	16.4	a		N	2
10.6	11.3	a		N	2
10.3	11.4	a		N	1

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1900	AGC	R.A. 1900	Dec. 1900	Magn.	D.M.No.	R.A.	Dec.	Magn.
34.8	-37.0				-36 6572	10 34.1	-36 47	7.3 zC.
41.1	-36.9				-36 6655	10 39.7	-36 44	7.7 zC.
43.1	-37.1				-36 6685	10 41.7	-36 52.3	7.9 zC
14.6	-37.2				-37 6455	10 13.8	-37 09	7.8 zC
19.0	-37.5	14191	10 19.1	-37 31	5.7			
24.7	-37.6	14311	10 24.7	-37 33	7.5			
36.6	-37.5	14952	10 36.3	-37 19	8.2	-37 6718	10 35.2	-37 11.0 7.7 zC.
40.6	-37.7	14679	10 40.1	-37 37	8	-37 6869	10 39.0	-37 29.3 7.4 zC
21.3	-37.3	14983	10 52.9	-37 18	7.6	-37 6938	10 51.7	-37 10.8 7.7 zC
20.6	-37.8	14223	10 20.6	-37 48	7.2			
30.0	-37.8					-37 6639	10 29.0	-37 29.4 7.8 zC
32.2	-38.1					-37 6661	10 31.2	-37 48.5 8.1 zC
55.5	-38.0	15031	10 55.0	-37 53	8.5			
19.7	-38.3					-37 6523	10 18.9	-37 57.0 7.5 zC
23.6	-38.3					-38 6490	10 22.3	-38 3.5 7.7 zC
26.0	-38.7					-38 6521	10 25.0	-38 25.2 7.5 zC
39.6	-38.6	14659	10 39.1	-38 32	7.2			
45.2	-38.7	14808	10 44.8	-38 39	7.8			
50.0	-38.2	14926	10 50.0	-38 13	7.8			
54.1	-38.3	14996	10 53.5	-38 11	9	-38 6857	10 52.3	-38 3.0 7.9 zC
22.3	-37.9					-38 6472	10 22.0	-38 43.7 6.9 zC
27.0	-39.0					-38 6526	10 25.6	-38 41.7 8.0 zC
30.9	-39.1	14440	10 30.8	-39 3	5.9			
38.0	-39.3	~~14628~~	~~10 37.7~~	~~-39 10~~	~~8.8~~	-38 6672	10 36.5	-38 55.9 8.5 zC
38.0	-39.0					-38 6674	10 36.5	-38 43.5 8.5 zC
15.6	-39.4	14100	10 15.8	-39 12	7.1	-39 6302	10 14.7	-39 42.7 7.1 zC
28.5	-39.6					-39 6476	10 27.4	-39 17.0 8.2 zC
28.8	-39.5					-39 6479	10 27.7	-39 8.2 9.0 zC

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Plate 5769

11.0	11.6	G		K=H		2
11.0	15.9	a		N		1
11.6	5.4	a		N		1
11.9	13.6	a		N		2
11.9	14.8	F	9.3	K=H		2
11.4	19.0	a		N		2
11.6	11.9	F	9.4	K=H		2
11.4	23.2	F	9.5	K=H		1
12.3	9.7	F		N		1
12.6	10.0	a		N		2
12.2	10.9	Bkr.		N		1
12.5	12.2	a		N		1
12.4	13.4	H		N		1
12.6	16.2	I		K=H		2
12.5	17.8	E		K=H		1
12.6	20.6	a		N		1
12.9	20.4	F	9.6	K=H		1
12.8	22.5	Nia		N		2
13.1	8.3	a		N		2
12.9	8.4	a		N		1
13.1	9.2	a		K=H		1
13.2	12.9	I		K=H		2
13.5	16.2	a		K=H		2
13.4	16.4	F	9.8	K=H		1
13.6	21.1	a		N		1
13.4	24.2	a		N		1
14.2	6.1	a		N		3
14.1	9.5	K		K=H		0

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1905	A.G. 1905	R.A. 1905	Dec. 1905	Magn.	DM. No.	R.A.	Dec.	Magn.	
h m ° ′		h. m.	° ′						
29.0 -39.7	14402	10 29.1	-39 44	7.0					
41.0 -39.8					-39 6638	10 39.5	-39 36	3.8	7
13.6 -39.9	14051	10 13.8	-39 45	8.2	-39 6277	10 12.7	-39 36	1.8	3 9b
34.3 -40.3	14538	10 34.3	-40 9	7.5					
37.7 -40.3	14622	10 37.5	-40 10	7.5					
48.3 -39.9	14885	10 48.5	-39 53	7.0					
56.2 -39.9	15064	10 56.3	-39 58	6.9					
59.7 -39.9	15143	10 59.5	-39 46	8.2	-39 6882	10 58.3	-39 38	0.7	5 2b
18.6 -40.3	14185	10 19.0	-40 12	7.8					
25.0 -40.6					-40 6054	10 23.9	-40 19	7.4	3 b
27.0 -40.4					-40 6082	10 26.2	-40 10	1.7	3 2b
30.2 -40.6					-40 6132	10 29.5	-40 23	7.8	9
34.0 -40.6					-40 6176	10 32.7	-40 25	9.7	9 3b
41.2 -40.4	14721	10 41.3	-40 27	7					
45.6 -40.4					-40 6331	10 44.4	-40 17	8.8	1
53.0 -40.5	~~14986~~	~~10 53.0~~	~~-40 36~~	~~8.2~~	-40 6406	10 51.7	-40 17	7.7	8 3b
53.2 -40.7	14986	10 53.0	-40 36	8.2	-40 6409	10 51.9	-40 27	2.7	5 2b
57.7 -40.6	15092	10 57.7	-40 34	6.9					
20.0 -40.8	14212	10 20.3	-40 38	8.5	-40 6006	10 19.2	-40 30	2.8	3 2b
21.1 -40.6					-40 6019	10 20.4	-40 22	7.9	1 3b
22.3 -40.8	14272	10 22.8	-40 39	8.5	-40 6030	10 21.6	-40 31	2.8	0 2b
32.5 -40.9	14498	10 32.6	-40 50	7.5					
41.7 -41.0	~~14783~~	~~10 41.8~~	~~-40 56~~	~~7.8~~	-40 6276	10 40.1	-40 49	6.7	6 3b
42.0 -41.0	14733	10 41.8	-40 56	7.8	-40 6283	10 40.7	-40 48	1.7	5 2b
54.3 -41.1					-40 6417	10 53.0	-40 53	5.7	5 3b
3.4 -40.9					-40 6522	11 1.4	-40 47	0.8	0 3b
14.4 -41.2	14061	10 14.3	-41 11	6.5					
18.3 -41.2	14156	10 18.1	-41 9	5.3					

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Plate 5167

h	m	h	m				
14.	7	8.	1	G		K=H	2
14.	5	7.	9	a		N	1
14.	5	8.	5	a		N	1
14.	1	8.	6	a		N	1
14.	8	9.	4	a		K=0.3H	2
15.	0	10.	8	a		N	1
15.	0	10.	9	a		N	2
14.	1	12.	1	H		N	1
15.	0	13.	6	a		K=H	1
14.	6	16.	7	a		N	1
14.	8	16.	5	a		N	1
14.	4	16.	6	a		K=H	1
14.	1	18.	4	a		N	1
14.	5	19.	6	H		K=H	2
14.	9	19.	7	a		N	3
14.	6	20.	3	H	978	K=H	1
14.	6	20.	7	a		K=0.5H	2
14.	9	21.	6	a	979	K=0.3H	4
14.	5	23.	8	a		N	1
15.	6	7.	6	a		N	1
15.	7	8.	6	G		K=H	3
15.	9	13.	8	H	980	K=H	3
15.	7	16.	0	H	981	K=H	2
15.	6	16.	6	G		K=H	1
15.	6	16.	8	a		N	1
16.	0	16.	7	a		N	1
15.	2	17.	6	H		K=H	2
15.	6	22.	3	a		N	1

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1905	A.G.C.	R.A. 1905	Dec.	Magn	L.D.M.	R.A.	Dec.	Magn.
19.5 -41.4	14196	10 19.4	-41 27	6.8				
19.3 -41.3					-41 5827	10 17.9	-41 10.0	9.5
21.1 -41.4	14219	10 20.4	-41 21	8.5				
20.8 -41.2					-40 6011	10 19.7	-40 59	8.9
22.9 -41.6	14274	10 22.9	-41 33	7.2				
27.0 -41.7	14352	10 26.8	-41 43	7.8				
27.0 -41.7	14353	10 26.9	-41 43	7.2				
30.0 -41.1	14432	10 30.3	-41 14	8				
34.0 -41.5					-41 6012	10 33.0	-41 34.1	8.3
40.2 -41.5					-41 6085	10 38.8	-41 24.0	8.7 zb
42.6 -41.8					-41 6111	10 40.8	-41 17.3	8.3 zb
42.8 -41.7					-41 6121	10 41.3	-41 15.9	8.8 zb
47.9 -41.5					-41 6178	10 45.9	-41 6.9	8.0 zb -41 6179 does this explain
50.4 -41.5					-41 6216	10 49.1	-41 20.6	7.1
50.5 -41.7	14935	10 50.5	-41 43	6.4				
52.1 -41.5	14966	10 52.1	-42 30	8.5				
53.8 -41.5	14992	10 53.4	-41 30	7.2				
55.7 -41.7	15048	10 55.5	-41 41	4.5				
1.8 -41.5	15187	11 1.3	-41 22	7.8	-41 6327	11 0.1	-41 14	2.7 zb
					-41 5805	10 16.8	-41 42.6	9.1 does this star superpose
17.6 -41.9	~~14231 10 2~~				-41 5807	10 16.9	-41 48.6	9.0
21.0 -41.9	14231	10 21.0	-41 58	6.7				
34.6 -42.2	14543	10 34.5	-42 14	6.4				
42.0 -42.1	14742	10 42.0	-42 7	7.1				
42.1 -42.1	14746	10 42.1	-42 5	7.5				
42.8 -42.1					-41 6124	10 41.8	-41 54	6.8 zb
42.9 -42.3					-42 6493	10 41.9	-42 8	4.8 8.5
45.1 -41.9	14812	10 44.9	-41 50	7.5				
58.0 -42.1	15093	10 57.6	-41 58	8.2	-41 6291	10 56.5	-41 49	6.8 8.2

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Plate 576

α	H	Cl.	Rem.	No.	K Line Int.	
16.0	23.1	E			K=H	1
15.7	21.2	a			N	1
16.6	7.2	a			N	2
16.3	6.4	a			N	1
16.7	10.4	H			N	1
16.9	10.6	a			N	2
16.8	16.5	a			K=0.5H	3
16.7	19.2	E			K=H	1
16.5	19.8	a			N	3
16.8	21.2	H			N	1
17.0	21.6	F	982		K=H	1
16.9	23.5	F	983		K=H	1
17.6	6.8	a			N	1
17.4	7.1	a			N	1
17.3	8.1	a			N	1
17.9	11.6	F	984		K=H	1
17.8	12.6	G			K=H	3
18.0	12.7	a			N	1
17.9	13.2	a			N	1
17.5	13.3	F	985		K=H	2
17.3	13.8	a			N	1
18.0	14.5	a			N	1
17.2	14.7	a			N	1
17.5	21.3	H			N	1
17.4	21.5	a			N	2
16.0	21.4	a			N	3
17.7	23.4	E			K=H	1
16.8	8.6	a			K=H	2

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1955	A.G.C.	R.A. 1955	Dec. 1955	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
0.0	-42° 1′	15149	10 59.7	-42° 8′	7.2			
55.4	-42.2					-41 6267	10 53.6	-41 52.3 8.3
1.0	-42.3	14120	10 16.6	-42 23	7.5	-42 6153	10 15.5	-42 14 6.75 zb.
1.6	-42.2					-42 6197	10 18.9	-42 6.7 8.5
25.0	-42.6	14327	10 25.4	-42 33	7.2			
25.3	-42.7	~~14747~~	~~10~~	~~42.2 -~~		-42 6281	10 24.7	-42 29.6 7.8 zb
42.0	-42.7	14747	10 42.2	-42 40	6.5			
49.0	-42.6	14899	10 49.3	-42 35	7.5			
51.0	-42.6	14945	10 50.9	-42 29	6.8	-42 6636	10 53.7	-42 27 4.9 wide?
54.8	-42.6					-42 6637	10 53.7	-42 27.6 8.2
55.8	-42.6	15053	10 55.8	-42 43	8.2			
1.6	-42.6					-42 6719	10 59.9	-42 26.3 7.6
14.5	-42.8					-42 6035	10 14.3	-42 43.0 8.3 zb
15.4	-42.8					-42 6150	10 15.2	-42 35.8 8.1 zb.
18.1	-42.8					-42 6187	10 17.9	-42 32.3 8.9 zb
28.0	-43.2	14388	10 28.5	-43 7	8.2	-42 6312	10 27.4	-42 59.0 8.0 zb
31.0	-43.2	14454	10 31.3	-43 16	8.8			
31.3	-43.3	14464	10 31.4	-43 18	9.2			
32.8	-43.3	14502	10 32.7	-43 11	7.5			
33.0	-43.2	14514	10 33.1	-43 1	7.5	-42 6375	10 32.0	-42 52.5 7.3 zb
34.5	-43.1					-42 6389	10 33.3	-42 44.8 8.5 zb
36.6	-43.3					-43 6470	10 35.2	-43 6.3 8.0 zb
37.0	-42.9					-42 6421	10 35.8	-42 37.9 9.1 zb
55.0	-43.1	15032	10 55.0	-42 58	7.8			
55.8	-43.0	15049	10 55.6	-42 57	8			
55.5	-43.3	15043	10 55.4	-43 16	6.2			
1.0	-43.2					-42 6714	10 59.6	-42 52.2 8.0 zb
18.6	-43.7	14206	10 20.0	-43 32.8	2	-43 6229	10 18.9	-43 24.1 7.6 zb

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Plate 6167
D 16 Ch. Gem. Nr. Kline Dist.

16.3	10.2	a	K=0.2H	3
16.4	10.4	a	K=H	1
16.5	11.1	a	N	1
18.2	16.0	a	N	1
18.1	17.4	a	N	1
19.0	16.7	a	N	2
19.0	17.6	a	N	2
19.9	7.6	a	N	2
19.3	8.5	a	N	2
19.4	9.9	E	K=H	2
19.3	11.0	E	K=H	2
19.5	11.3	B 986	N	2
~~19.~~ 19.7	~~21.~~ 21.7	J	K=H	3
19.2	17.2	a	N	2
19.3	19.1	F 987	K=H	1
19.8	19.4	a	N	1
19.4	23.5	F 988	K=H	1
85. 20.9?	~~19.~~ 20.9	10.0 ~~H~~ a?	N	1
20.6	11.5	a	N	3
20.2	14.0	a	N	1
20.6	14.4	a	N	2
21.0	17.3	a	K=H	1
20.5	18.4	a	K=H	1
20.1	20.4	a	K=H	1
20.4	20.8	H	N	1
21.5	8.1	a	K=H	1
21.6	9.5	F 989	K=H	1
22.0	15.0	F 990	K=H	1

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1900.	A.G. No.	R.A. 1900 h m	Dec. 1900 ° ′	Magn.	DM. No.	R.A.	Dec.	Magn.
25.7 - 42.6	14327	10 25.4	-42 33	7.2				
25.0 - 43.4					-43 6308	10 24.3	-43 13.9	9.0 3G.
26.8 - 43.5					-43 6327	10 25.7	-43 18.9	9.4
41.1 - 43.4					-43 6524	10 39.5	-43 12.3	9.0 3G.
45.6 - 43.4					-43 6572	10 43.5	-43 8.5	8.7
43.0 - 43.8					-43 6553	10 41.4	-43 37.1	8.0 3G.
45.8 - 43.7					-43 6576	10 43.9	-43 37.4	8.1
16.0 - 44.0					-43 6183	10 16.0	-43 54.6	8.1 3G.
18.5 - 43.7	14201	10 19.6	-43 45	7.5	-43 6224	10 18.5	-43 36.7	7.7 2G.
23.6 - 43.8	14287	10 23.5	-43 50	7				
26.2 - 43.8	14348	10 26.7	-43 52	7.2				
27.3 - 44.0	14364	10 27.5	-43 59	7.8				
28.3 - 44.2	14384	10 28.3	-44 6	6.4				
45.2 - 43.9					-43 6565	10 43.0	-43 43.3	8.1 3G.
49.0 - 43.9					-43 6619	10 47.9	-43 44.8	8.0 3G.
50.0 - 44.2					-44 6914	10 49.0	-44 1.3	8.3 3G.
2.0 - 44.0	15197	11 1.7	-43 50	7.5	-43 6788	11 0.6	-43 41.6	7.8 2G.
23.6 - 44.7	14289	10 23.6	-44 36	7.8				
27.6 - 44.6	14373	10 27.7	-44 33	6.2				
35.1 - 44.5					-44 6692	10 33.6	-44 12.0	8.6 3G.
36.1 - 44.6					-44 6708	10 34.8	-44 24.3	8.1 3G.
45.0 - 45.0					-44 6822	10 43.2	-44 38.6	8.1 3G.
47.9 - 44.7					-44 6860	10 46.1	-44 22.5	8.4 3G.
52.5 - 44.4	14980	10 52.7	-44 16	8.2				
53.9 - 44.6	15006	10 53.9	-44 24	7.5	-44 6968	10 52.8	-44 15.7	7.6 2G.
17.0 - 45.0	14157	10 18.0	-44 50	8.8	-44 6427	10 17.0	-44 42.0	8.1 3G.
21.2 - 45.2	14254	10 21.9	-45 4	7.5	-44 6487	10 20.9	-44 55.7	7.3 2G.
37.5 - 45.4	14616	10 37.4	-45 15	8	-45 6308	10 36.3	-45 7.2	7.5 4G.

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h.	m.	Cl.	Rem.	No.	Klinc	Int.
22.	27.2	a			N	1
22.6	11.4	f		991	K=H	1
22.0	12.3	f		992	K=H	1
22.3	12.7	a			K=H	1
22.6	14.6	a			N	1
22.9	16.7	a			N	1
22.2	20.5	H			N	1
23.7	10.4	a			N	2
23.8	14.0	a			N	1
23.9	21.4	a			N	1
24.5	12.0	g			K=H	3
24.5	12.2	a			N	2
24.0	14.5	f		993	K=H	1
4.6	9.8	a			N	1
3.9						

$11^h\,59^m\,-41.^\circ6$

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4.6	9.8	a			N	1
3.9	10.6	a			K=H	2
3.6	13.5	a			K=H	1
4.3	17.6	a			N	1
4.0	19.0	a			N	2
5.2	6.7	H			N	1
6.0	11.2	f		994	K=H	2
5.6	22.6	a			N	2
6.6	10.5	f		995	K=H	1
6.1	15.9	g			K=H	2
6.1	17.5	a			K=0.3H	3
7.5	12.5	a			N	2

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1900	A.G. 1900	R.A. 1900	Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.	
h m 10 14.0	-45° 4'	14086	10 15.3	-45 9	8.8	-45 5959	10 14.3	-45 1.2	7.8
10 26.9	-45.6					-45 6153	10 26.3	-45 21.4	8.9
10 29.6	-45.4					-45 6195	10 28.9	-45 6.1	8.1
10 30.2	-45.5	14442	10 30.8	-45 23	7.8	-45 6008	10 29.7	-45 15.1	7.6
10 36.0	-45.8					-45 6292	10 35.1	-45 26.0	8.3
10 47.7	-45.8	14872	10 48.1	-45 41	7.8				
10 53.0	-45.5	14990	10 53.1	-45 20	7.2	-45 6546	10 52.0	-45 12.6	7.3
10 23.7	-46.2					-45 6101	10 23.2	-45 55.3	7.3
10 34.6	-46.4					-46 6300	10 33.6	-46 0.6	8.6
10 55.6	-46.4					-46 6478	10 43.7	-46 7.0	7.3
		14397	10 28.8	-46 30	5.8				
10 28.7	-46.5	14398	10 28.8	-46 30	9.				
10 29.3	-46.5	14406	10 29.4	-46 28	7.5				
10 45.7	-46.4	15055	10 55.7	-46 4	7.5	-45 6589	10 54.6	-45 55.8	8.0
11 46.0	-36.4					-36 7460	11 44.9	-36 14.4	7.5
11 48.2	-36.1	16221	11 48.3	-36 1	6.9				
11 55.4	-36.1	16093	11 55.3	-36 0	7.8				
12 5.7	-36.3	16623	12 5.4	-36 16	8				
12 9.1	-36.2								
11 38.4	-36.6	16705	12 8.9	-36 10	7.8				
11 38.4	-36.6	16026	11 38.4	-36 38	6.6				
11 49.4	-37.2	16247	11 49.5	-37 11	6.9				
12 18.3	-37.0	16879	12 18.0	-36 56	7.5				
11 47.8	-37.5	16209	11 47.5	-37 32	8.8				
12 1.5	-37.3	16539	12 1.5	-37 18	6.9				
12 5.5	-37.3	16622	12 5.4	-37 18	6.4				
11 52.4	-38.1	16320	11 52.5	-37 56	7.5				

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	&	H	Cl.	Rem.	No.	H lines	Int.	
	7.7	15.8	H			H=H	1	
	8.3	14.9	F	996		K=H	3	
	8.8	15.7	a			N	2	
	8.2	18.6	B	997		N	3	
	8.9	22.2	F	998		K=H	2	
	8.3	22.7	a			N	3	
	8.4	22.9	a			N	2	
	8.7	24.4	a			N	3	
	9.8	11.9	g			H=H	3	
	9.7	12.8	a			K=H	1	
	9.3	20.6	H			N	1	
	9.3	21.0	a			N	1	
	9.1	22.6	a			K=H	2	
	10.0	10.2	a			N	1	
v ? 11.0	~~11.0~~	9.7	H			K=H	1	
11.0 ?	~~11.0~~	10.3	H			N	1	
	10.4	20.2	H			N	1	
	10.7	20.7	g			K=H	1	
	10.7	20.5	a			N	1	
	11.5	8.0	H			K=H	1	
? No. 8.5	11.4	~~8.5~~	g			K=H	3	
	11.1	8.9	a			N	1	
	11.8	10.3	F	999		K=H	1	
	12.7	6.5	F	1000		K=H	2	
	12.9	10.1	F	1001		K=H	2	
	12.2	12.9	g			K=H	2	
	12.6	16.8	B	1002		N	3	
	12.0	16.7	a			N	1	

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1900	A.G.C.	1900	R.A.	Dec.	Magn.	C.D. No.	R.A.	Dec.	Magn.
h m			h m	° ′					
12 1.1	-38 1	16524	12	1.1 -38 7	7.1				
11 58.6	-38.5	16460	11	58.6 -38 27	6.9				
12 1.0	-38.7	16516	12	0.9 -38 39	8.5				
12 8.2	-38.4	16688	12	8.2 -38 22	6.1				
12 17.5	-38.6	16864	12	17.3 -38 37	7.8				
12 18.5	-38.4	16896	12	18.5 -38 21	6.1				
12 18.8	-38.4	16900	12	18.9 -38 21	7.4				
12 22.9	-38.5	16991	12	23.0 -38 29	5.9				
11 50.9	-39.1	16282	11	50.9 -39 8	6.7				
11 53.3	-39.1	16342	11	53.2 -39 4	9.8				
		16343	11	53.2 -39 4	8.8				
12 13.6	-38.8	16787	12	13.4 -38 51	7.5				
12 14.2	-38.8	16805	12	14.4 -38 49	8				
12 18.2	-38.8	16893	12	18.3 -38 45	6.7				
11 46.5	-39.2	16190	11	46.6 -39 14	8.5				
11 45.1	-39.8	16154	11	44.9 -39 43	7.8				
11 47.0	-39.9								
~~11 50.4~~	~~-39.8~~	16193	11	46.7 -39 45	8				
12 12.0	-39.5	16765	12	12.3 -39 27	8				
12 13.5	-39.6					-39 7565	12	12.3 -39 26.0	7.0 zb
12 14.0	-39.6					-39 7568	12	12.5 -39 28	48.5 z b
11 40.3	-40.1	16069	11	40.4 -39 57	7				
11 41.7	-39.9	16103	11	41.8 -39 57	5.4				
11 42.8	-39.8					-39 7307	11	41.8 -39 35	5.7 7.7 z b
11 46.2	-40.2					-39 7339	11	45.2 -39 58	8.7 6
11 36.4	-40.5	15984	11	36.4 -40 27	7.2				
11 46.8	-40.7	16194	11	46.7 -40 11	8				
11 53.4	-40.4	16345	11	53.3 -40 23	7				
12 3.8	-40.7	16589	12	3.8 -40 40	5.9				
12 3.6	-40.7					-40 7126	12	2.2 -40 4	4.9 1 z b

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x	y	Cl.	Rem. Nr.	K line	Int.
12.2	17.6	Ḣ		K=H	1
12.2	18.7	ȧ		N	1
12.6	19.1	Ġ		K=H	2
12.6	19.8	F	1053	K=H	1
13.0	21.0	Ġ		K=H	2
14.0	10.9	ȧ		K=H	2
13.2	11.3	ȧ		N	1.
14.0	11.8	ȧ		K=0.3H	2
14.0	13.2	ȧ		N	1
13.9	14.2	ȧ		N	2
13.7	16.0	ȧ		N	2
13.9	18.4	ȧ		N	1
14.0	19.~~8~~ 2	ġ		K=H	2
13.3	22.8	g		K=H	2
14.1	22.3	ȧ		N	2
14.9	7.1	ȧ		N	1
14.4	11.5	Ḣ		N	1
15.1	11.6	ȧ		K=H	1
15.0	11.7	ȧ		N	1.
15.0	14.8	F	1054	K=H	3
15.5	21.3	ȧ		N	2
15.4	22.8	Ġ		K=H	3
16.2	6.6	ȧ		N	1
16.7	6.8	a		N	3
16.5	10.5	H		K=H	2
16.7	16.2	F	1055	K=H	2
15.9	16.9	F	1056	K=H	1
16.2	20.3	a		N	1

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1905	A.G. 1900	R.A. 1900	Dec. 1900	Magn	C.D.M. No.	R.A.	Dec.	Magn.	
h m ° ′		h m	° ′						
12 5.7 - 40.5	16630	12	5.8 -40 23	8					
12 8.7 - 40.5					-40 7168	12 7.4	-40 10.3	8.7	3b
12 10.0 - 40.6	16724	12	9.8 -40 34	7.5					
12 11.4 - 40.5					-40 7202	12 10.3	-40 22.4	8.3	3b
12 15.0 - 40.8	16809	12	14.7 -40 48	7.2					
	16218	11	48.0 -41 13	7.8					
11 50.1 - 41.4	~~16268~~	~~12~~	~~50.4 -41 20~~	~~8~~	-41 6822	11 46.7	-41 5.1	7.8	3b
11 49.0 - 40.9					-40 7010	11 47.7	-40 43.5	8.1	3b
11 50.4 - 41.4	16268	11	50.4 -41 20	8					
11 54.0 - 41.4					-41 6881	11 52.5	-41 10.4	8.9	3b
11 57.0 - 41.4	16420	11	56.7 -41 16	7.2					
11 57.4 - 41.3	16470	11	59.0 -41 9	8.5	-41 6942	11 57.7	-41 1.1	8.0	2b
12 8.1 - 41.4					-41 7031	12 6.7	-41 6.5	7.7	
12 10.4 - 41.4	16734	12	10.3 -41 21	6.6					
	16914	12	19.4 -40 49	9					
12 19.5 - 40.8	16915	12	19.4 -40 49	6.8					
12 18.7 - 41.4	16883	12	18.1 -41 17	8.2	-41 7147	12 16.8	-41 8.9	7.8	2b
11 37.0 - 41.7					-41 6718	11 36.4	-41 24.8	8.4	3b
11 49.5 - 41.5	16248	11	49.5 -41 29	7.8					
11 49.7 - 41.9	16255	11	49.8 -41 60	8					
11 50.0 - 41.8	16260	11	50.0 -41 46	8.5					
11 58.3 - 41.9	16458	11	58.5 -41 52	5.7					
12 15.7 - 42.0	16831	12	15.8 -42 0	6.9					
12 19.8 - 41.9	16923	12	19.8 -41 57	6.6					
11 35.6 - 42.4					-42 7149	11 34.7	-42 2.7	8.7	3b
11 36.3 - 42.5	15983	11	36.4 -42 32	6.1					
11 46.2 - 42.7	16185	11	46.3 -42 31	7.2	-42 7256	11 45.1	-42 23.2	7.1	2b
12 3.0 - 42.7	16552	12	2.2 -42 41	7.8	-42 7433	12 0.9	-42 32.8	7.3	4b
12 5.0 - 42.3					-42 7452	12 2.9	-42 8.4	8.1	3b
12 13.6 - 42.5					-42 7542	12 11.8	-42 15.5	8.1	3b

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V	H	Cl.	Rem	No.	Klinic	Int.
17.9	11.5	a		1	N	1
17.5	11.8	H			N	1
17.3	12.9	a			K=H	2
17.2	13.1	E			K=H	1
18.3	7.1	Tf	1007		K=H	1
18.1	10.5	a			N	3
18.5	14.9	Tf	1008		K=H	1
18.8	16.8	a			N	3
18.3	17.9	Tf	1009		K=H	2
16.5	19.0	H			N	1
16.2	18.1	H			N	1
18.6	20.3	H			N	1
18.8	21.3	a			N	1
20.0	6.5	a			N	1
19.3	12.2	a			N	1
20.0	13.8	Tf	1010		K=H	1
20.0	16.3	a			N	2
20.0	16.2	H			N	1
19.9	23.1	a			K=H	2
19.6	23.2	a			N	1
20.5	7.7	a			N	1
20.5	7.9	a			N	1
20.4	10.6	H			K=H	3
20.5	11.8	a			N	1
20.3	12.9	a			N	1
21.0	14.5	D			K=H	2
20.5	14.8	a			N	1
20.8	21.6	a			N	1
20.3	23.6	a			N	1

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1900.	A.G.C.	R.A. 1900	Dec.	Magn	C.D. No.	R.A.	Dec.	Magn.	
h m s ° ′		h m s	° ′						
11 48.8 -43.4	16238	11 48.9	-43 14	8.2					
11 49.8 -43.2	16251	11 49.6	-43 6	8.8					
11 53.0 -43.3	16350	11 53.5	-42 52	8	-42 7339	11 52.2	-42 44	7.4	26
11 53.8 -43.0	16332	11 52.8	-43 9	8.5	-43 7386	11 51.5	-43 1	7.7	26
11 36.6 -43.7	15995	11 37.0	-43 33	8.5	-43 7230	11 35.8	-43 24	8.1	26
11 46.2 -43.4	16181	11 46.2	-43 22	6.9					
11 59.8 -43.6	16463	11 58.6	-43 34	8.5	-43 7446	11 57.4	-43 25	8.4	26
	16464	11 58.7	-43 33	8.8	-43 7447	11 57.4	-43 25	8.6	26
12 3.7 -43.8	16588	12 3.7	-43 46	6.1					
12 6.3 -43.7	16641	12 6.3	-43 43	7.0					
12 10.0 -43.7					-43 7560	12 8.3	-43 24	8.8	0
12 7.5 -43.6					-43 7533	12 5.9	-43 18	2.8	3
12 13.8 -43.8					-43 7592	12 12.0	-43 26	9.8	6
12 17.0 -43.9	16839	12 16.2	-43 42	8	-43 7624	12 11.9	-43 34	4.7	8 26
11 33.6 -44.3					-43 7213	11 33.6	-43 57	0.8	2 36
11 50.1 -44.1					-43 7370	11 49.5	-43 48	8.9	2 26
11 54.5 -44.5	16388	11 55.1	-44 18	8.2	-44 7695	11 53.8	-44 9	8.7	26
12 3.7 -44.5	16583	12 3.6	-44 22	8.2					
12 7.8 -44.5					-44 7861	12 6.4	-44 11	9.8	5
12 22.0 -44.2	16949	12 21.2	-44 11	7.5	-44 8006	12 19.9	-44 3	4.7	7 26
12 21.8 -44.4					-43 7674	12 20.1	-43 47	3.8	3 26
11 37.8 -44.5					-44 7525	11 36.8	-44 15	0.8	6 26
11 38.2 -44.5	16030	11 38.5	-44 26	8.8					
11 46.1 -44.6	16179	11 46.1	-44 37	5.0					
11 50.8 -44.6					-44 7648	11 48.3	-44 23	2.8	6
11 53.0 -44.9					-44 7677	11 51.4	-44 38	6.9	0 26
12 5.8 -44.9	16632	12 5.9	-44 52	7.0					
12 6.3 -44.6					-44 7855	12 5.4	-44 25	1.8	8 26
12 17.8 -44.8					-44 7958	12 15.8	-44 28	1.8	8
12 23.7 -44.9					-44 8021	12 21.3	-44 23	8.9	1 26

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D	H	Gl	Rem. No.	Kline	Int.	
21.9	7.5	a		K=H	1	11
21.9	6.9	a		N	3	11
21.8	13.5	a		N	2	11
22.6	15.9	a		N	1	12
21.3	16.3	a		N	2	12
21.6	16.6	a		K=H	2	12
21.1	19.9	a		N	2	12
21.9	21.9	a		N	1	12
21.9	22.6	a		N	1	12
22.2	6.1	a		K=H	2	11
22.6	6.9	a		N	1	11
22.5	10.1	a		N	1	11
23.3	10.5	a		K=H	1	11
23.5	13.6	a	1011	K=H	2	11
22.9	17.5	a	1012	K=H	1	12
23.6	11.6	H		N	1	11
24.4	12.9	a		K=H	3	11

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1900	A.G.C.	R.A.	Dec.	Magn.	L.D.M. No.	R.A.	Dec.	Magn.	
h m s	° ′ ″								
11 36.2	-45 7.2						-44 7516	11 35.9	-44 57 5.8 ZC.
11 40.7	-45 1.1	17384	11 40.4	-45 9					
11 54.0	-45 3						-45 7438	11 52.8	-45 8 2 6.6 Ma
12 1.1	-45 4						-45 7529	11 59.7	-45 11 6 8.9 ZC.
12 2.5	-45 2	16555	12 2.4	-45 1 7.2			-44 7791	12 1.1	-44 53 2 7.5 ZC
12 8.8	-45 2	16708	12 8.8	-45 10 6.5					
12 13.0	-44.9	16767	12 12.5	-44 50 8.2			-44 7914	12 11.2	-44 41 9 7.9 ZC.
12 18.0	-45 3						-44 7964	12 16.2	-44 57 8 7.4 ZC.
12 21.0	-45 2						-44 7996	12 18.8	-44 55 8 8.9 ZC
11 32.8	-45.4	15876	11 32.2	-45 21 9					
11 34.5	-45.6	15935	11 34.9	-45 25 8			-45 7178	11 33.7	-45 17 0 7.7 ZC.
11 44.8	-45.6	16146	11 44.4	-45 30 8					
11 45.8	-46.0	16165	11 45.4	-45 54 8.2			-45 7326	11 44.2	-45 46 3 8.3 ZC.
11 54.3	-46.1	16377	11 54.5	-46 4 6.9					
12 6.0	-45.9	16629	12 5.8	-45 46 8.2			-45 7595	12 4.5	-45 37 7 8.1 ZC.
11 48.0	-46.3	16231	11 48.5	-46 11 8			-46 7474	11 47.3	-46 2 8 7.3 ZC
11 51.8	-46.5	16301	11 51.7	-46 31 6.6					

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12h 43° — 41.°5

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Plate 5190

23h 15m

V	H	Cl	Rem. No.	Kline Int.	
4.6	6.8	a		N	1
6.6	11.8	a		K=0.5H	2
6.7	12.7	a		N	1
6.2	13.2	F	11 13	K=H	1
5.6	13.9	F	10 14	K=H	1
7.7	7.8	a		N	1
8.9	5.5	a		N	3
8.9	5.7	a		N	2
9.0	7.3	a		N	3
8.6	11.2	H		N	1
9.4	14.7	a		K=H	1
8.5	14.8	a		N	1
8.6	16.7	a		K=0.3H	2
9.0	19.1	a		N	2
8.8	20.9	a		N	1
9.7	5.5	a		K=H	2
9.4	10.5	I		K=H	2
9.6	11.3	H		N	1
10.0	16.4	a		N	3
9.5	16.9	H		N	1
9.7	17.5	E		K=H	1
9.3	18.7	a		K=H	2
9.4	19.8	a		N	1
10.0	20.2	I		K=H	2
10.3	7.7	F	10 15	K=H	1
10.5	11.3	a		K=0.H	3
10.6	11.6	a		N	H
11.0	13.2	a		K=0.5H	3

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1900	A.G.C.	1900 R.A.	1900 Dec.	Mag.	D.M. No.	R.A.	Dec.	Mag.	
h m s ° ′									
12 22.6	-36.1				-36	7858 12	21.3	-36 1.0	7.3
12 35.0	-37.3	17244 12	34.8	-37 18	7.2				
12 37.4	-37.3	17302 12	37.1	-37 21	7.5				
12 38.8	-37.2	17329 12	38.3	-37 9	7.2				
12 40.5	-36.8	17377 12	40.1	-36 54	8	-36	8069 12	38.7	-36 45 8.7 2b
12 25.0	-37.8	17027 12	24.7	-37 47	8.2				
12 18.4	-38.4	16896 12	18.5	-38 21	6.1				
12 18.7	-38.4	16900 12	18.9	-38 21	7.4				
12 23.1	-38.5	16991 12	23.0	-38 29	5.9				
12 33.6	-38.1	17199 12	33.0	-38 15	7	-38	7876 12	31.7	-38 6.9 7.1 2b
12 42.2	-38.3	17415 12	42.0	-38 16	8.2				
12 42.4	-38.4					-38	7995 12	41.0	-38 11.1 8.4
12 52.5	-38.4	17636 12	52.5	-38 22	7.0				
12 53.5	-38.6	17652 12	53.4	-38 34	7.4				
12 58.2	-38.4					-38	8203 12	56.6	-38 16 8.7.5
12 18.2	-38.8	16893 12	18.3	-38 45	6.7				
12 30.8	-38.8	17158 12	31.2	-38 46	7.1				
12 33.6	-39.0	17210 12	33.5	-39 6	8.8				
12 46.4	-39.1	17489 12	46.5	-39 8	6.6				
12 47.9	-38.9	17514 12	47.7	-38 57	7.2				
12 49.5	-39.1	17555 12	49.2	-38 08	8.5				
12 52.5	-38.8	17637 12	52.5	-38 43	8.2				
12 55.3	-38.8					-38	8158 12	53.8	-38 37 7.7
12 56.2	-39.1	17721 12	56.2	-39 5	7.0				
13 23.8	-39.4	17005 12	24.0	-39 6	8.5	-38	7763 12	22.7	-38 57 6.7.8 2b
12 31.7	-39.3	17149 12	30.6	-39 19	6.4				
12 34.2	-39.4	17234 12	34.4	-39 26	5.2				
12 38.0	-39.7	17320 12	38.0	-39 38	6.9				

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Plate 5190

& H	Cl.	Rem.	Klinic Int.	
10.2	15.3	a	N	1
10.9	16.9	a	K=.09H	4
10.3	18.4	H	N	1
11.5	6.6	a	N	1
12.0	12.0	a	N	1
11.3	14.5	H	N	1
12.9	8.9	H	K=H	2
12.5	9.7	F	1016 K=H	1
12.7	10.3	a	K=0.9H	3
12.4	10.9	e	K=H	1
12.2	15.4	I	K=H	2
12.6	16.6	a	N	1
12.7	18.9	H	N	1
12.6	19.4	a	N	1
12.5	20.6	I	K=H	2
12.2	21.2	F	1014 K=H	2
13.0	22.9	H	N	1
13.8	6.2	I	K=H	2
14.0	6.9	a	N	1
13.7	8.1	e	K=H	1
13.6	19.5	a	K=0.5H	2
13.3	13.3	H	N	1
13.2	16.0	a	K=H	1
13.1	16.7	F	1018 K=H	1
13.5	19.3	a	K=H	2
13.1	21.2	Dra	N	1
13.9	21.8	G	K=H	3
13.7	22.5	a	N	1

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1905	A.G.C. 1905	R.A.	Dec.	Magn.	D.M. No.	R.A.	Dec.	Magn.
12 43.1	-39° 3'				-39 7849	12 42.3	-39	1.9 7.8
12 47.7	-39.6	17521	12 47.9	-39 38 4.4				
12 51.6	-39.4	17615	12 51.6	-39 15 7.8	-39 7937	12 50.2	-39	6.5 7.5 zb
12 25.3	-39.8	17064	12 26.1	-39 43 8.5	-39 7667	12 24.8	-39	35.0 8.5 zb
12 34.4	-40.2	17237	12 34.6	-40 12 9				
12 41.2	-39.8				-39 7824	12 40.0	-39	37.4 7.9 zb
12 26.5	-39.7	17064	12 26.1	-39 43 8.5				
12 28.6	-40.5				-40 7364	12 27.5	-40	8.1 8.0 zb
12 30.4	-40.5	17141	12 30.3	-40 28 9.7				
12 31.8	-40.4				-40 7393	12 30.6	-40	7.5 7.9 zb
12 44.0	-40.3	17444	12 43.9	-40 16 7.4				
12 47.1	-40.6				-40 7543	12 45.7	-40	15.7 8.2
12 54.4	-40.5				-40 7602	12 51.8	-40	18.4 7.5
12 54.3	-40.4				-40 7616	12 53.0	-40	12.4 8.3 zb
12 58.1	-40.4	17755	12 58.2	-40 19 7.3				
12 59.0	-40.3	17782	12 59.1	-40 9 7				
13 3.9	-40.6				-40 7713	13 2.3	-40	20.9 7.5 zb
12 19.5	-40.8	16914	12 19.4	-40 49 9				
12 19.5	-40.8	16915	12 19.4	-40 49 6.8				
12 21.0	-40.9				-40 7298	12 20.0	-40	50.9 8.5 zb
12 24.4	-40.8				-40 7324	12 23.1	-40	42.2 8.3
12 54.6	-40.9	17677	12 54.4	-40 51 8				
12 37.9	-40.8				-40 7456	12 36.7	-40	38.8 7.2
12 45.8	-40.8	17476	12 45.6	-40 42 8.2				
12 47.1	-40.8				-40 7546	12 45.8	-40	30.4 8.0 zb
12 54.7	-40.9	17677	12 54.4	-40 51 8	-40 7615	12 53.0	-40	42.7 7.3 zb
12 59.1	-40.7	17783	12 59.2	-40 39 7.0				
13 0.9	-41.1	17822	13 0.9	-41 3 6.3				
13 2.2	-40.9				-40 7697	13 1.1	-40	43.7 8.0 zb

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F K Cl. Rem. Nr., Kline Int.

14.4	5.8	a		N	2
14.2	8.2	Nea		N	2
13.9	8.4	a		N	2
14.4	9.6	F	1019	K=H	2
14.5	11.4	a		N	1
14.8	13.6	F	1020	K=H	2
Meas ? . ?					
14.4	15.2	a		N	1
14.5	18.2	E		K=H	1
15.9	6.5	G		K=H	3
15.3	10.5	F	1021	K=H	1
15.9	15.3	F	1022	K=H	2
15.2	17.5	B	1023	N	3
15.4	19.4	a		K=H	1
15.4	23.5	F	1024	K=H	3
16.6	8.4	Nea		N	1
16.4	10.6	E		K=H	1
16.5	14.4	H		N	1
16.8	16.9	a		K=0.6H	2
16.8	19.5	H		N	1
16.4	24.1	G		K=H	3
17.4	10.8	H		N	1
17.1	14.6	H		N	1
17.3	15.0	a		N	1
18.0	15.2	a		N	1
18.0	19.0	H		N	1
17.5	20.2	a		N	1
17.6	23.4	J		K=H	3
17.3	24.4	H		N	2

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1900	A.G.C. 870	R.A. 1900	Dec. 1900	Magn.	GDM No.	RA	Dec	Magn.
h m ° ′		h m	° ′					
12 18.0 -41.3	16 883 18226	12 18.2	-41 23	8.2				
12 24.6 -41.2	17020	12 24.6	-41 11	6.6				
12 26.0 -41.0	17059	12 25.9	-40 57	8.				
12 29.0 -41.4					-41	7215	12 27.0	-41 15.5 8.3 zb
12 34.4 -41.4					-41	7320	12 32.6	-41 9.6 8.5 zb
12 39.0 -41.6					-41	7374	12 37.5	-41 23.3 8.0 zb
12 50.9 -41.4					-41	7487	12 49.9	-41 14.3 8.0 zb
12 19.8 -41.9	16923	12 19.8	-41 57	6.6				
12 30.0 -41.9					-41	7285	12 29.4	-41 37.5 7.6 zb
12 41.5 -42.2					-41	7416	12 42.2	-41 56.9 7.5 zb
12 49.5 -41.6	17563	12 49.6	-41 45	7.1	-41	7470	12 48.2	-41 37.1 7.1 zb
12 54.5 -41.8					-41	7519	12 53.3	-41 49.5 7.3
13 5.3 -41.7	17925	13 5.4	-41 42	6.1				
12 23.8 -42.5					-42	7688	12 22.3	-42 4.3 7.0
12 30.0 -42.5					-42	7761	12 29.4	-42 9.5 8.0 zb
12 41.3 -42.6	17406	12 41.6	-42 43	8.2				
12 48.0 -42.5	17526	12 48.0	-42 32	8				
12 55.7 -42.6	17689	12 54.9	-42 33	7.5	-42	8037	12 53.5	-42 24.8 7.1 zb
13 7.0 -42.2	17958	13 7.1	-42 10	6.7				
12 30.6 -43.1	17155	12 31.0	-42 56	8	-42	7765	12 29.7	-42 48.1 7.8 zb
12 41.7 -42.8	17406	12 41.6	-42 43	8.2	-42	7890	12 40.2	-42 34.7 7.8 zb
12 43.1 -42.9					-42	7901	12 41.5	-42 38.9 8.4 zb
12 43.3 -43.4					-43	7894	12 41.9	-43 20 8.4
12 53.9 -43.3	17658	12 53.5	-43 10	7.8	-43	7985	12 52.1	-43 1.6 7.3 zb
12 57.7 -42.9					-42	8072	12 55.6	-42 41.1 8.2 zb
13 5.6 -42.8	17929	13 5.6	-42 50	6.7				
13 8.2 -42.6	17991	13 8.2	-42 37	6.5				

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Plate 3790

D	H	Cl.	Remr.	Kline Int.		
19.0	9.8	H		N	1	
18.8	12.5	J		N	2	
18.5	15.3	a		N	1	
18.9	17.4	b		K=H	3	
19.9	7.4	H	1025	K=H	1	
19.6	8.7	a		N	1	
19.9	10.2	g		K=H	3	
20.0	15.0	a		N	3	
19.9	20.4	a		N	1	
20.4	7.3	a		K=H	1	
20.9	16.8	H		N	1	
20.9	18.1	a		N	1	
20.2	19.6	a		N	2	
21.6	9.0	a		N	1	
21.7	9.6	H	1026	K=H	2	
21.6	14.3	a		N	1	
21.5	15.1	a		N	1	
21.8	21.9	a		N	1	
21.4	24.2	g		K=H	2	
22.3	6.1	a		N	1	
22.5	9.9	a		N	1	
22.8	12.7	J		N	2	
22.3	14.2	a		K=H	2	
23.0	17.9	a		N	1	
22.6	18.8	a		K=H	1	
22.9	21.4	H	1027	K=H	1	
23.5	18.4	H		N	1	

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1905	A.G.C. No.	R.A. 1905	Dec.	Magn.	Cd. No.	R.A.	Dec.	Magn.
12 26.3	-43 15				-43 7743	12 26.9	-43 29.6	7.5 zb
12 35.0	-43.6	17258	12 35.7	-43 33 7	-43 7813	12 34.3	-43 24 8.7	0 zb
12 47.8	-43.5				-43 7899	12 42.1	-43 15 9	8.0
12 49.5	-43.6	17360	12 49.4	-43 36 6.5				
12 21.0	-44.2				-43 7674	12 20.1	-43 47.3	8.3 zb
12 25.3	-44.0				-43 7710	12 23.9	-43 40.6	8.0 zb
12 29.4	-44.2	17130	12 29.3	-44 7 6.2				
12 43.0	-44.3	17430	12 42.7	-44 10 7.1				
12 37.6	-44.2				-43 8022	12 36.2	-43 53.4	8.1 zb
12 20.6	-44.3	16949	12 21.2	-44 11 7.5	-44 8006	12 19.9	-44 3.4	7.7 zb
12 48.0	-44.6	17512	12 47.7	-44 36 8				
12 51.2	-44.7	17605	12 51.2	-44 39 9.2				
12 55.7	-44.3	17706	12 55.6	-44 13 8.2				
12 25.8	-45.0				-44 8057	12 24.3	-44 46.5	8.4 zb
12 27.8	-45.2	17093	12 27.3	-44 54 7.2	-44 8076	12 26.0	-44 45.9	7.3 zb
12 40.8	-45.2	17381	12 40.3	-45 18 7.8				
12 43.8	-45.0	17437	12 43.2	-45 1 8.8				
13 2.0	-45.1	17851	13 2.1	-44 55 8.5	-44 8443	13 0.7	-44 46.8	8.6 zb
13 8.1	-45.4				-44 8505	13 6.7	-44 31.0	7.3 zb
12 17.0	-45.3				-44 7964	12 16.2	-44 57.8	7.4 zb
12 28.0	-45.5				-45 7836	12 26.5	-45 10.7	8.6 zb
12 35.9	-45.7	17266	12 35.9	-45 36 6.0				
12 40.0	-45.4	17381	12 40.3	-45 18 7.8	-45 7995	12 38.9	-45 9.6	8.0 zb
12 51.0	-45.8				-45 8114	12 49.5	-45 31.8	8.5
12 53.8	-45.5	17656	12 53.4	-45 25 7.6	-45 8144	12 52.0	-45 7.2	8.0
13 1.0	-45.5	17821	13 0.8	-45 30 7				
12 52.3	-45.9	17632	12 52.4	-45 53 7.5				

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Plate 3692 R.A. 13h 23m Dec. −41.6

V	H	Cl	Rem	No.	K line	Int.	
4.6	10.4	a			N	1	
3.8	11.6	a			K=0.2H	5	
3.6	16.3	a			N	1	
4.7	18.1	a			N	1	
4.8	22.8	Tr		1028	K=H	1	
3.6	24.0	Tr		1029	K=H	1	
6.0	~~10.3~~ 8.3	G			K=0.5H	3	
5.4	8.1	a			N	1	
5.4	9.5	a			N	1	
5.0	16.1	L			K=H	2	
6.7	18.7	a			N	1	
7.7	9.4	a			N	2	
7.4	9.9	a			N	1	
8.0	12.2	Tr		1030	K=H	1	
8.0	15.5	a			N	1	
8.0	16.6	a			N	2	
8.0	17.0	E			K=H	1	
8.9	15.8	a			K=H	4	
8.1	18.3	Tr		1031	K=H	1	
8.7	23.2	a			N	1	
9.5	12.8	a			K=0.5H	2	
9.6	13.9	L			K=H	3	
10.0	16.7	a			N	2	
9.7	19.0	Nia			N	1	
9.1	21.3	a			N	1	
10.2	12.1	a			N	2	
10.5	14.4	G			K=H	2	
10.1	16.4	Tr		1032	K=H	1	

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1905.0	Ag.C.	1905 R.A.	1905 Dec.	Magn.	D.M.	No.	R.A.	Dec.	Magn.	
12 11.9	-36.6	18081	13 12.0	-36 29	8.2	-36	8459	13 10.6	-36 21	7.7 Zb
13 15.0	-36.2	18149	13 15.0	-36 11	8.0					
13 31.8	-36.2	18522	13 31.7	-36 4	8.2					
13 31.2	-36.6	18507	13 31.2	-36 36	8.2					
13 43.0	-36.6	18758	13 42.9	-36 38	7.0					
13 45.8	-35.9	18821	13 45.6	-36 54	7.8					
13 6.4	-37.3	17949	13 6.5	-37 16	5.2					
13 6.0	-37.0	17940	13 6.1	-36 52	8.8					
13 9.3	-36.9	18022	13 9.6	-36 54	8.5					
13 26.3	-37.9	18403	13 26.3	-37 53	6.8					
13 28.0	-37.8					-37	8720	13 26.5	-37 37	3.8 Zb Does 872 = 1 serve purpose?
13 8.9	-38.3	18009	13 9.0	-38 7	7.2	-37	8461	13 7.6	-37 59	5.2 Zb.
13 10.0	-38.0	18040	13 10.3	-37 58	8.5					
13 16.2	-38.4	18185	13 16.2	-38 20	7.2					
13 25.0	-38.5					-38	8579	13 23.4	-38 13	5.7 7.7 Zb
13 27.8	-38.5	18437	13 27.6	-38 22	7.4	-38	8626	13 26.2	-38 13	6.7 7.4 Zb
13 28.9	-38.5	18463	13 28.6	-38 23	7.8	-38	8635	13 27.2	-38 15	6.7 7.3 Zb
13 25.2	-38.9	18376	13 25.2	-38 54	4.5					
13 32.3	-38.5	18529	13 32.0	-38 24	8					
13 44.5	-38.8					-38	8840	13 43.1	-38 29	7.7 7.6
13 17.5	-39.2	18213	13 17.6	-39 6	7.8					
13 20.3	-39.3	18268	13 20.3	-39 14	5.9					
13 27.8	-39.4	18448	13 27.9	-39 26	7.0					
13 33.8	-39.3	18568	13 34.0	-39 33	6.2					
13 39.9	-38.9	18687	13 39.7	-38 52	8					
13 37.5 (15.5)	-39.5	18166	13 15.6	-39 28	7.1					
13 21.3	-39.6	18269	13 21.4	-39 39	6.9					
13 27.0	-39.4	18426	13 27.1	-39 28	7.7					

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δ	H	Cl.	Rem.	No.	K line Int.	
10.4	19.1	A			N	1
10.3	19.0	K			K=H	2
10.6	20.6	A			K=H	2
10.2	23.2	G			K=H	2
11.1	9.8	H			N	1
12.0	18.0	A			K=0.5H	2
11.4	22.7	Fn		1033	K=H	2
12.2	5.5	G			K=H	1
12.9	5.9	Hea			N	1
12.5	7.6	H			N	1
12.4	9.5	H			N	1
12.8	10.4	G			K=H	1
12.6	11.6	Fn		1034	K=H	2
12.2	11.4	A			N	1
13.0	14.2	K			K=H	3
12.8	16.6	A			K=H	2
13.0	20.1	G			K=H	3
13.0	20.5	G			K=H	1
13.5	6.6	I			K=H	3
13.2	7.2	A			N	1
13.9	13.2	Fn		1035	K=H	1
13.9	14.1	H			N	1
13.3	15.8	H			N	1
13.6	22.6	A			N	5
14.4	8.4	Fn		1036	K=H	3
14.4	9.4	Fn		1037	K=H	1
15.0	15.8	K			K=H	2
14.6	17.0	H			N	1

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1900	A.G.C.	R.A. 1900	Dec. 1900	Magn.	L.D.M. No.	R.A.	Dec.	Magn.	
18 25.9	-39.8				-39 8331	13 27.4	-39 36.2	8.0	
18 33.4	-39.3	18567	13 33.9	-39 15	6.7				
18 38.0	-39.7	18647	13 38.0	-39 41	7.0				
18 44.3	-39.5	18789	13 44.4	-39 25	6.9				
18 9.2	-39.9	18017	13 9.5	-39 52	8				
18 13.1	-40.5	18514	13 31.5	-40 23		-40 8022	13 30.0	-40 15.7	7.8 gb
18 43.0	-40.1	18765	13 43.3	-40 2	7.1				
18 58.0	-40.4	17755	12 58.2	-40 19	7.3	-40 7650	12 56.8	-40 10.7	7.1 gb
12 59.3	-40.7	17783	12 59.2	-40 39	7.0				
13 3.9	-40.5					-40 7713	13 2.3	-40 20.9	7.5 gb
13 8.5	-40.7	17998	13 8.5	-40 41	8.2				
13 11.0	-40.8	18053	13 11.0	-40 45	7.2				
18 14.0	-40.7	18132	13 14.2	-40 40	6.9				
18 14.6	-40.5					-40 7828	13 13.2	-40 17.3	8.0 gb
18 21.0	-40.9	18290	13 21.1	-40 59	6.2				
18 28.0	-40.9	18443	13 27.9	-40 49	7.5	-40 7971	13 26.4	-40 41.2	7.5 gb
13 37.1	-40.9	18623	13 37.0	-40 54	6.6				
18 38.0	-40.9	18650	13 38.0	-40 51	8.5				
18 0.7	-41.1	17822	13 0.9	-41 3	6.3				
18 2.0	-40.9					-40 7697	13 1.1	-40 43.7	8.0 gb
18 18.0	-41.4	18226	13 18.2	-41 23	8.2				
18 20.9	-41.4	18277	13 20.6	-41 20	8				
18 25.7	-41.2	18389	13 25.7	-41 4	7.8				
18 43.6	-41.2	18772	13 43.5	-41 12	3.7				
18 5.3	-41.7	17925	13 5.4	-41 42	6.1				
18 9.2	-41.7					-41 7681	13 7.4	-41 32.3	8.0 gb
18 25.5	-41.9	18382	13 25.5	-41 57	7.0				
18 29.0	-41.8	18464	13 28.8	-41 47	8				

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α	H	Cl.	Rem.	No.	K line Int	
14.9	17.7	a			K=0.3H	3
14.5	20.1	F		1038	K=H	1
14.3	20.3	a			N	3
14.7	22.1	a			N	1
15.6	9.1	I			K=H	2
15.9	9.7	H			N	1
15.2	13.1	F		1039	K=H	1
15.5	16.0	a			N	1
15.7	17.9	H			N	1
15.6	18.2	H			N	1
15.2	22.6	a			N	5
15.4	23.7	H			N	1
16.9	8.6	I			K=H	3
16.5	9.5	I			N	2
16.4	10.0	H			N	1
16.8	10.9	a			N	2
16.2	12.5	a			K=0.3H	2
16.9	16.6	F		1040	K=H	3
16.5	19.7	a			N	3
16.6	19.9	a			K=H	2
17.0	21.4	a			N	2
16.1	10.6	a			N	3
16.2	11.1	a			N	2
17.4	11.2	a			N	1
17.4	12.3	a			N	3
17.9	14.0	a			N	1
17.6	14.7	H			N	1
17.5	29.7	H			N	1

2 16 15.9

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1900	A.G.	R.A. 1900	Dec. 1900	Magn.	D.M. No.	R.A.	Dec.	Magn.
13 30.5 - 41.8	18496	13 30.5	-41 55	7.2				
13 37.3 - 41.6	18624	13 37.0	-41 41	8				
13 37.7 - 41.6	18638	13 37.7	-41 34	6.4				
13 42.1 - 41.7					-41 8160	13 40.7	-41 33.8	7.9 g6
13 7.2 - 42.2	17958	13 7.1	-42 10	6.7				
13 8.6 - 42.4	17999	13 8.6	-42 19	7.2				
13 17.8 - 42.1					-41 7791	13 16.4	-41 53.1	7.7 g6
13 25.5 - 41.9					-42 8503	13 24.8	-42 36	7.9 g6
13 31.9 - 42.2	18506	13 31.2	-42 17	7				
	~~18530~~	~~13 32.1~~	~~-42 16~~	~~7~~	-42 8580	13 29.7	-42 8.7	7.2 g6
13 32.4 - 42.2	18530	13 32.1	-42 16	7	-42 8596	13 30.6	-42 7.6	7.0 g6
13 43.7 - 41.9	18773	13 43.6	-41 59	3.4				
13 47.0 - 42.0	18844	13 46.8	-42 0	7.4				
13 5.6 - 42.8	17929	13 5.6	-42 50	5.7				
13 8.2 - 42.7	17991	13 8.2	-42 37	6.5				
13 10.0 - 42.6	18020	13 9.6	-42 32	7.8	-42 8237	13 8.2	-42 24.3	8.0 g6
13 11.9 - 42.9	18074	13 11.8	-42 46	7.5				
13 16.8 - 42.5	18182	13 16.2	-42 32	7.2				
13 27.9 - 42.9	18435	13 27.6	-42 55	7.0				
~~13 11.5 - 42.4~~ 13 36.2 - 42.7	18608	13 36.1	-42 39	7.0				
~~13 12.1 - 42.5~~ 13 36.6 - 42.7	18618	13 36.7	-42 41	7.5				
13 38.3 - 43.2	18652	13 38.1	-42 57	7	-42 8685	13 36.6	-42 48.5	7.1 g6
13 11.5 - 43.4	18064	13 11.4	-43 27	6.1				
13 12.1 - 43.5	18086	13 12.2	-43 32	7.8				
13 12.6 - 43.3					-42 8282	13 11.1	-42 5.0	8.6 g6
13 15.6 - 43.1	18165	13 15.6	-43 7	6.9				
13 19.9 - 43.4					-43 8266	13 18.7	-43 13.5	9.2 g6
13 22.0 - 43.4	18314	13 22.2	-43 15	7	-43 8297	13 20.8	-43 7.2	7.6 g6
13 42.0 - 43.2	18726	13 41.6	-43 7	7.8	-42 8742	13 40.1	-42 58.6	7.8 g6

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		V H	Cl. Remr.	Klein Int
18.2	16.1	a	N	1
19.0	16.2	a	K=0.2H	2
16.3	17.8	a	K=H	3
18.8	19.1	a	N	3
18.5	19.9	a	N	2
18.8	22.3	a	N	2
19.4	5.9	a	N	1
19.2	18.4	a	N	2
19.6	20.0	a	N	1
20.5	9.4	a	K=H	2
21.0	10.7	a	N	1
20.9	12.8	H	N	1
20.1	14.4	H	N	1
21.0	14.8	a	N	1
21.0	15.1	a	N	3
20.2	17.2	a	N	1
21.0	20.2	a	K=H	2
20.4	20.6	a	N	1
20.9	20.4	a	N	1
21.3	4.6	a	N	1
21.4	9.6	a	N	1
21.6	11.4	a	N	3
21.5	12.1	a	N	1
21.1	13.2	H	N	1
21.1	19.4	H	N	1
22.4	15.2	H	N	1
22.2	19.2	H	N	2
22.5	4.3	a	K=H	1

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1900	A.G.C.	A.C. 1900	Dec.	Magn.	L.D.M. No.	R.A.	Dec.	Magn.	
13 26.5	-43.5				-43	8350 13	24.4	-43 22.5	8.7 zb
13 26.7	-43.9	18411	13 26.7	-43 56	7.5				
13 31.4	-43.6	18502	13 31.2	-43 38	6.5				
13 34.8	-43.8	18575	13 34.6	-43 50	6.8				
13 37.0	-43.8	18620	13 36.8	-43 42	7.3				
13 43.9	-43.9	18764	13 43.3	-43 43	8	-43	8566 13	41.8	-43 35.2 8.5 zb
12 57.1	-44.2					-43	8022 12	56.2	-43 53.4 8.1 zb
13 32.9	-44.1	18542	13 32.7	-44 1	7.8				
13 37.6	-44.2					-44	8832 13	35.6	-44 0.6 8.7
13 8.0	-44.8					-44	8505 13	6.7	-44 31.0 7.3 zb a
13 11.0 7.0	-44.9					-44	8545 13	9.5	-44 43.4 9.1
13 17.0	-44.9					-44	8601 13	15.2	-44 45.2 8.6
13 22.2	-44.5	18313	13 22.2	-44 33	8				
13 22.3	-44.5 0					-44	8662 13	20.9	-44 51.2 8.8 zb
13 23.2	-45.0	18335	13 23.3	-45 1	6.8				
13 29.0	-44.6					-44	8744 13	27.8	-44 21.8 9.1 zb
13 38.1	-45.0	18639	13 37.8	-44 56	7				
13 39.5 3	-44.8 45.0					-44	8854 13	37.4	-44 35.7 8.8 zb
13 39.5	-45.0					-44	8861 13	37.8	-44 43.2 8.8 zb
13 2.0	-45.1	17851	13 2.1	-44 55	8.5	-44	8443 13	0.7	-44 46.8 8.6
13 7.8	-45.3					-45	8321 13	6.2	-45 4.4 8.5 zb
13 12.5	-45.2	18096	13 12.6	-45 14	7.0				
13 15.0	-45.2					-45	8390 13	13.2	-45 1.3 8.6
13 17.8	-45.1	18211	13 17.7	-45 0	7.8				
13 35.9	-45.1	18594	13 35.6	-45.0	7.2				
13 24.0	-45.6	18347	13 23.7	-45 40	7.5				
13 35.7	-45.6					-45	8628 13	33.7	-45 23.6 7.5 za
13 43	-45.6	17821	13 0.8	-45 30	7	-45	8234 12	59.4	-45 21.7 8.0 zb

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			V H Cl. Rem. Nr.	Nebs.	Int.
22.9	17.8	a		N	3
23.0	21.0	a		N	1
22.4	20.0	a		N	1
23.8	12.3	g		K=H	3
23.6	~~13.8~~ 15.8	a		N	2
23.9	16.3	a		N	1
21.5	15.9	a		N	1

$14^h\ 44^m - 41.5$

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4.3	9.6	a		N	1
4.3	9.9	a		N	1
3.6	16.8	a		N	2
4.0	14.4	vla		N	1
5.9	9.9	a		N	1
5.5	18.2	a		N	2
5.5	24.1	a		K-H	1
6.2	11.8	B	1042	N	4
6.2	15.9	B	1043	N	2
6.4	16.5	a		N	2
6.8	19.2	vla?		N	1
6.7	21.6	a		N	1
7.2	13.8	?		K=H	2
7.1	16.1	a		N	2
7.9	22.3	a		N	1
7.9	24.3	a		N	2
8.5	7.6	g		K=H	2
8.2	10.4	?		N	1
8.4	22.7	g		K=H	2

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1905	AGC.	1905 R.A.	1905 Dec.	Magn.	L.D.M. No.	R.A.	Dec.	Magn.	
13 31.5	-45.9	18509	13h 31m.4	-45° 55′	6.3				
13 40.1	-45.9				-45	8687	13 38.6	-45 44.1	7.8 zb.
13 37.3	-45.7				-45	8650	13 35.7	-45 24.8	9.0
13 15.2	-46.4	18150	13 15.1	-46 21	6.4				
13 26.0	-46.3	18381	13 25.5	-46 13	7.7	-46	8696	13 24.0	-46 5.2 8.2 zb
13 26.7	-46.5	18418	13 27.0	-46 21	8.2	-46	8713	13 25.5	-46 12.8 8.8 zb.
13 34.4	-45.3					-45	8614	13 32.7	-45 4.8 9.4
							8615		4.4 9.0 zb
14 30.2	-36.5	19771	14 30.6	-36 14	7.8	-36	9491	14 29.1	-36 7.5 7.2 zb
14 31.0	-36.5	19795	14 31.2	-36 18	8.8	-36	9503	14 29.7	-36 11.0 8.0 zb
14 48.7	-36.2	20187	14 48.6	-36 1	7.5	-35	9890	14 47.1	-35 54.7 7.5 zb
14 42.3	-36.2	20032	14 42.4	-36 13	6.8				
14 37.0	-37.3	19783	14 30.9	-37 6	8.5	-36	9499	14 29.5	-36 59.3 7.5 zb
14 52.5	-37.0	20269	14 52.2	-36 57	7.5				
15 7.0	-37.0	20606	15 6.9	-36 59	9				
14 35.7	-37.4	19890	14 35.7	-37 21	4.2				
14 46.4	-37.4	20132	14 46.6	-37 23	5.7				
14 53.0	-37.5	20299	14 52.9	-37 29	6.7				
14 55.0	-37.7	20341	14 54.9	-37 40	6.4				
15 0.9	-37.7	20489	15 0.8	-37 34	7.3				
14 40.9	-37.9	20012	14 40.9	-37 52	6.4				
14 46.9	-37.8	20142	14 46.8	-37 50	6.8				
15 2.3	-38.3	20526	15 2.7	-38 9	7.2	-38	9996	15 1.0	-38 2.8 7.5
15 7.7	-38.3	20621	15 7.4	-38 25	8.8				
14 25.0	-38.4	19637	14 24.9	-38 26	6.6				
14 32.0	-38.3	19812	14 32.0	-38 22	6.7				
15 3.5	-38.4	20546	15 3.7	-38 25	6.6				

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V	H	Cl.	Rem.	No.	Klein Int	
9.8	9.7	J.			K=H	2
10.0	16.2	F.		1044	K=H	1
9.7	17.3	F.		1045	K=H	1
9.4	17.4	a.			N	3
10.6	6.0	a.			N	3
10.9	9.9	a.			N	3
10.3	14.1	a.			N	2
10.3	18.1	K.			N	2
11.5	7.8	H.			N	1
12.0	7.8	a.			N	1
11.8	11.4	a.			N	2
11.8	21.8	a.			N	3
12.4	7.7	H.			N	1
12.2	11.3	a.			N	3
12.5	14.3	F.		1046	K=H	1
13.0	14.1	a.			N	1
12.7	16.5	a.			N	1
12.1	15.6	F.		1047	K=H	1
12.3	20.4	Nia.			N	1
12.6	20.6	G.			K=H	3
13.0	22.4	a.			N	2
12.7	22.5	a.			N	1
13.6	9.5	a.			N	3
13.7	14.2	H.			N	1
13.2	16.7	F.		1048	K=H	2
13.1	19.8	a.			K=H	2
13.8	23.8	a.			N	2
14.8	9.1	a.			K=0.2H	2

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1900	A.G.C.	1900 R.A.	Dec.	Magn	L.D.	No.	R.A.	Dec.	Magn
h m ° ′		h m	° ′						
14 30.1	-39.2 19760	14 30.2	-39 10	6.6					
14 47.6	-39.3 20155	14 47.4	-39 20	7.5					
14 50.0	-39.3 20214	14 50.1	-39 13	9.5					
14 50.3	-39.0 20221	14 50.3	-39 0	6.7					
14 20.6	-39.4 19537	14 20.6	-39 26	6.8					
14 30.6	-39.8 19768	14 30.5	-39 47	6.2					
14 41.6	-39.5 20025	14 41.5	-39 30	7.0					
14 52.0	-39.5 20274	14 52.2	-39 30	6.8					
14 25.0	-39.9 19642	14 25.2	-39 56	8.5					
14 25.1	-40.3 19635	14 25.0	-40 13	7.5	-40	8735	14 23.4	-40 6.0	7.8
14 34.2	-40.2 19854	14 34.2	-40 11	8					
15 1.6	-40.2 20509	15 1.7	-40 12	6.2					
14 24.6	-40.3 19624	14 24.7	-40 24	7.0					
14 34.0	-40.4 19846	14 34.0	-40 25	6.9					
14 42.0	-40.6 20041	14 41.8	-40 35	8					
14 41.8	-40.9				-40	8977	14 39.7	-40 44.3	8.0
14 49.0	-40.6 20185	14 48.7	-40 43	8.5					
14 46.0	-40.4 20120	14 45.6	-40 23	8.2					
14 58.6	-40.4 20444				-40	9243	14 56.6	-40 21.9	7.0
14 59.0	-40.6 20444	14 58.8	-40 41	5.7					
15 3.4	-40.9 20542	15 3.5	-40 48	8.2	-40	9336	15 1.9	-40 41.5	7.7
	20550	15 3.8	-40 38	8.5					
15 3.6	-40.8 ~~20542~~	~~15 3.5~~	~~-40 48~~	~~8.2~~	-40	9340	15 2.2	-40 31.8	8.2
14 29.2	-41.1 19741	14 29.2	-41 5	6.3					
14 41.6	-41.2 20026	14 41.5	-41 12	7.8					
14 48.5	-41.9 20179	14 48.5	-40 57	8	-40	9082	14 46.9	-40 50.7	7.1
14 56.9	-41.9 20390	14 56.8	-40 53	7.5	-40	9218	14 55.2	-40 46.7	7.3
	20619	15 7.4	-41 5	8.5					
15 7.4	-41.2 20620	15 7.4	-41 5	8.8					
14 27.8	-41.6 19710	14 27.8	-41 40	6.9					

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λ	H	Cl.	Rem	K line	Int.
14.7	9.6	a		N	5
14.2	15.0	a		N	1
14.7	17.5	H		N	1
14.5	18.3	a?	1049	N	5
13.4	6.1	H		K=H	1
15.5	8.7	a		N	1
16.0	12.1	a		N	1
16.0	15.2	a		K=0.3H	2
15.4	17.4	a		N	1
15.4	17.7	a		K=H	2
15.4	24.1	a		N	2
16.7	10.4	a		K=H	2
16.6	18.0	B?	1050	N	5
16.7	18.3	Ti	1051	K=H	3
16.3	21.7	a		N	3
17.7	9.6	a		N	1
17.2	10.8	a		N	1
17.2	11.6	a		N	1
17.5	14.1	a		K=H	2
17.5	15.5	a		N	4
18.0	16.0	a		K=H	1
17.4	18.3	a		K=H	2
18.0	18.4	Ti	1052	K=H	2
18.0	21.4	a Ti		N	2
16.0	22.4	a	1053	K=H	2
17.5	23.8	a		N	2
17.8	24.4	a		N	3
18.4	7.8	a		N	2

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1900	A.G.C.	1900 R.A.	1900 Dec.	Magn	C.D.M. No.	R.A.	Dec.	Magn	
14 29.1	-41.7	19737	14 29.2	-41 43	2.5				
14 43.8	-41.5	20081	14 43.7	-41 26	7.8				
14 51.0	-41.8	20232	14 50.7	-41 44	7.8				
14 52.5	-41.7	20286	14 52.6	-41 42	3.3				
14 20.0	-41.9	19519	14 20.0	-41 52	6.9				
14 26.9	-42.1	19685	14 26.6	-41 58	8.2	-41 8864	14 25.0	-41 51.0	8.0 gb
14 37.0	-42.3	19889	14 35.7	-42 21	7.5	-42 9569	14 34.1	-42 14.9	7.5 gb
14 44.4	-42.4	20098	14 44.5	-42 24	7.0				
14 50.2	-42.2	20222	14 50.4	-42 3	8.2	-41 9307	14 48.8	-41 56.5	8.2
14 51.1	-42.2	20245	14 51.2	-42 6	8				
15 8.3	-41.9	20641	15 8.2	-41 57	8				
14 32.3	-42.6	19819	14 32.4	-42 34	7.0				
14 51.9	-42.7	20263	14 52.0	-42 44	2.8				
14 52.9	-42.8	20296	14 52.9	-42 45	6.7				
15 2.0	-42.5	20513	15 2.0	-42 29	6.5				
14 29.0	-43.2					-43 9167	14 27.1	-43 0.3	8.3 gb
14 32.9	-43.0	19813	14 32.2	-42 56	8	-42 9509	14 30.6	-42 49.2	8.1 gb
14 35.0	-43.0	19862	14 34.6	-43 0	8.5				
14 ~~42~~ 41.1	-43.1	20016	14 41.0	-43 8	6.8				
14 45.0	-43.1	20109	14 45.1	-43 9	5.0				
14 47.7	-43.4					-43 9416	14 44.9	-43 12.6	8.6 gb
14 53.2	-43.1	~~20307~~ 20292	~~14 53.2~~ 14 52.7	~~-43 4~~	7.3				
14 53.2	-43.4	20307	14 53.2	-43 24	7.0				
15 1.6	-43.4	20501	15 1.3	-43 20	7.2				
15 4.1	-43.4	20555	15 4.1	-43 21	7.2				
15 9.3	-43.1	20670	15 9.5	-43 7	6.7				
14 23.8	-43.6					-43 9749	15 7.8	-43 1.0	6.7
14 23.9	-43.9					-43 9098	15 22.2	-43 18.0	7.3

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Plate 3607

D. H. Cl. Rem No Klinc Int.

19.0	16.8	a	N	1
18.6	17.1	a	N	1
18.4	22.6	H	N	1
18.3	23.6	a	N	2
19.0	24.0	a	N	2
18.6	24.2	a	N	1
19.4	5.9	H	N	1
19.3	7.0	a	N	2
19.7	13.2	H	N	1
20.0	13.6	a	N	2
19.8	17.2	a	N	3
19.6	21.6	a	N	1
19.6	23.1	a	N	4
19.2	23.4	a	N	1
19.8	24.4	H	N	1
20.2	15.7	H	1054	K=H 1
20.7	17.9	a	N	1
21.0	21.6	a	N	4
20.7	22.8	a	N	1
21.3	6.2	a	N	1
21.5	6.6	a	N	3
21.2	8.0	a	N	3
21.1	6.0	?		3
22.0	11.6	a	N	2
22.0	16.1	a	N	2
22.9	7.1	a	N	3
23.0	10.3	H	N	2
22.7	10.6	K	K=H	2

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1900	A.G.C.											
		R.A. 1900	Dec. 1900	Magn.								
14 49.2	-43.9											
					-43	9452	14	47.2	-43	49.3	8.3	zb
14 50.0	-43.8				-43	9464	14	48.0	-43	35.0	8.3	zb
15 5.3	-43.7				-43	9685	15	2.9	-43	21.4	8.3	
15 7.4	-43.5	20615	15 7.3	-43 25	7.8							
15 8.7	-43.8	20650	15 8.6	-43 47	7.0							
15 9.1	-43.7				-43	9744	15	7.6	-43	26.2	8.3	zb
14 18.3	-43.9	19477	14 18.3	-43 51	7.0							
14 21.3	-44.0	19559	14 21.3	-43 53	7.2							
14 38.3	-44.3	19946	14 38.4	-44 14	8							
14 39.5	-44.5				-44	9590	15	3.8	-44	20.3	7.4	wa
14 50.0	-44.3	20207	14 49.7	-44 18	7.0							
15 2.4	-44.3				-44	9884	15	0.4	-44	0.0	8.2	zb
15 ~~7.0~~ 6.2	~~-43.9~~ -44.1	20591	15 6.1	-44 8	5.5							
15 7.0	-43.9				-43	9711	15	5.1	-43	43.5	8.3	zb
15 9.7	-44.2	20680	15 9.8	-44 8	7.5							
14 45.6	-44.6	20121	14 45.6	-44 30	7.5	-44	9667	14	44.0	-44	24.6	7.7 zb
14 51.9	-44.9	20253	14 51.8	-44 43	8.5	-44	9742	14	50.1	-44	36.4	9.0 zb
15 2.1	-44.9				-44	9889	15	0.4	-44	47.6	4.8	
15 5.7	-44.8	20574	15 5.4	-44 38	8.2	-44	9928	15	3.7	-44	33.2	8.4 zb
14 ~~18.0~~ 19.4	-44.8	19514	14 19.7	-44 46	5.3							
14 19.6	-44.9	19515	14 19.8	-44 56	4.9							
14 23.8	-44.9	19598	14 23.7	-44 53	6.2							
14 18.2	-44.8	19479	14 18.4	-44 45	8.5							
14 33.8	-45.4	19842	14 33.7	-45 22	6.9							
14 46.5	-45.5	20134	14 46.8	-45 26	7.5	-45	9492	14	45.1	-45	20.3	7.5 zb
14 21.6	-45.8	19552	14 21.1	-45 46	7.5							
14 29.8	-45.9				-45	9293	14	28.2	-45	41.8	5.3	wa
14 30.4	-45.8				-45	9302	14	29.2	-45	35.2	6.2	wa

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G H	Cl.	Rem.	No.		Klinc	Int.
22.2	10.9	Ha?		N		1
23.0	12.3	a		N		2
22.9	14.3	a		N		1
22.8	18.3	a		N		1
22.9	18.4	a		N		2
23.1	9.2	a		N		2
23.2	9.9	a		N		1
23.5	9.5	H		N		1
23.4	9.9	a		N		2
23.6	11.3	H	1055	K=H		3
23.8	15.8	H		N		1
23.9	16.7	H		N		1
23.2	24.2	H	1056	K=H		2
24.2	10.1	H		N		1
24.4	17.2	a		N		1

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1900	A.G.C.	R.A. 1900	Dec. 1900	Magn.	D.M. No.	R.A.	Dec.	Magn.
14 31.7	-45.4	19802	14 31.6	-45 27	7			
14 35.8	-45.9	19880	14 35.4	-45 52	7.8			
14 41.0	-45.8	20018	14 41.2	-45 44	8.5			
14 53.0	-45.8	20305	14 53.1	-45 45	7.4			
14 53.2	-45.9	20306	14 53.2	-45 57	7.3			
14 21.2	-45.8	19554	14 21.2	-45 45	7.8			
14 27.9	-45.9	19712	14 28.0	-45 52	7.5			
14 27.1	-46.1	19695	14 27.3	-46 2	7.5			
14 28.2	-46.1	1a				-45	9276	14 27.0 -45 54 6 7.1 ½a.
14 32.5	-46.2	19823	14 32.6	-46 9	6.7	does 9638 superpose?		
14 45.0	-46.3					-46	9639	14 44.0 -46 14.5 7.2 2½a
14 48.3	-46.1	20180	14 48.6	-46 13	7.8	-46	9672	14 46.9 -46 7.4 7.5 2b
15 10.1	-45.8	20691	15 10.1	-45 50	7.0			
14 29.0	-46.5	19740	14 29.2	-46 23	7	-46	9431	14 27.6 -46 6.0 7.3 2b
14 49.5	-46.6	20209	14 49.9	-46 33	8			

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Plate 3649

D. H. Cl. Rem. Kline Int.

23	15	49	11.0	H	K=H	1
		4.4	12.5	B 1057	N	3
		4.2	14.1	B 1058	N	3
		5.4	6.4	a	N	1
		5.1	9.5	a	N	1
		5.9	12.1	a	N	2
		6.0	15.3	a	N	1
		5.6	20.1	a	K=H	2
		6.9	6.1	a	N	1
		7.0	13.2	a	N	2
		6.8	16.0	a	N	1
		6.6	22.0	a	K=H	2
		7.2	22.2	a	N	1
		7.9	7.0	a	N	1
		7.7	9.0	a	N	2
		7.6	10.1	a	K=H	1
		7.1	11.8	a	N	2
		9.0	13.4	a	K=0.2H	3
		7.8	14.9	a	K=H	2
		7.8	15.1	a	N	1
		7.8	15.8	a	K=0.4H	2
		8.4	7.5	H	K=H	2
		8.9	18.4	a	N	2
		8.8	18.5	a	K=0.5H	2
		9.9	13.2	a	N	3
		9.3	16.4	a	N	2
		9.6	20.4	a	N	1
		10.3	13.4	a	N	1

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1900	A.G.C.	1900 RA.	1900 Dec.	Magn.	Cat No.	R.A.	Dec.	Magn.
15 13.2	-36.7	20746	15 13.2	-36 44	6.7			
15 16.8	-36.5	20825	15 16.8	-36 30	5.1			
15 20.9	-36.4	20909	15 20.9	-36 25	6.0			
15 6.4	-36.9	20606	15 6.9	-36 59	9			
15 9.1	-36.8	20673	15 9.5	-36 47	8.5			
		20674	15 9.5	-36 47	8			
15 15.7	-37.3	20803	15 15.8	-37 17	6.9			
15 24.3	-37.3					-37 10298	15 22.5	-37 16.5 8.0
15 36.2	-37.1	21269	15 36.1	-37 6	5.8			
15 0.5	-37.7	20489	15 0.8	-37 34	7.3			
15 18.8	-37.8	20856	15 18.6	-37 49	7.0			
15 26.1	-37.8	21031	15 26.0	-37 44	7.2			
15 41.1	-37.6	21374	15 41.0	-37 36	6.5			
15 41.8	-37.5	21381	15 41.4	-37 22	8	-37 10505	15 39.9	-37 17.0 7.1 26
15 2.3	-38.4	20526	15 2.7	-38 9	7.2	-38 9996	15 1.0	-38 2.8 7.5 26
15 7.7	-38.2	20629	15 7.7	-38 7	7			
15 10.3	-38.2	20698	15 10.6	-38 5	7			
15 15.1	-37.9	20787	15 15.1	-37 52	6.8			
		20788	15 15.1	-37 52	9			
15 18.7	-38.4	20861	15 18.8	-38 22	5.1			
15 22.7	-38.3	20959	15 22.8	-38 17	6.8			
15 23.6	-38.3	20974	15 23.6	-38 14	8			
15 25.6	-38.3	21022	15 25.5	-38 16	6.6			
15 3.6	-38.4	20546	15 3.7	-38 25	6.6			
15 31.9	-38.8	21174	15 31.9	-38 50	7.2			
15 32.1	-38.8	21177	15 32.1	-38 48	6.1			
15 18.3	-39.4	20847	15 18.2	-39 22	6.9			
15 27.8	-39.0	21069	15 27.8	-39 0	6.8			
15 37.3	-39.2	21294	15 37.2	-39 9	7.5			
15 19.7	-39.6	20877	15 19.5	-39 32	8.2	-39 9848	15 17.9	-39 26.5 7.5 26

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Plate 3649

F.	H.	Cl.	Rem.	No.	Klinc	Int.	
10.6	16.6	Dra			N	1	
10.5	19.4	T		1059	K=H	2	
10.2	21.0	a			N	1	
11.9	6.9	a			N	3	
12.0	11.0	a			N	3	
11.7	11.9	B		1060	N	4	
12.0	12.0	a			K=0.3H	2	
11.5	16.3	H			K=H	1	
11.1	21.8	H			K=H	1	
12.5	5.7	Neb.			N	1	
12.9	5.9	I			K=H	3	
13.0	7.6	a			N	1	
12.8	7.8	a			N	1	
12.2	8.1	T		1061	K=H	1	
12.7	10.7	a			K=0.3H	3	
12.7	14.0	B		1062	N	5	
12.6	17.6	a			N	1	
12.7	21.6	H			N	1	
13.6	9.1	a			N	1	
13.5	10.0	T		1063	K=H	3	
13.4	10.8	H			N	1	
13.1	21.5	a			N	1	
13.1	24	T		1064	K=H	1	
14.3	15.2	a			N	3	
14.4	19.0	a			N	1	
14.7	20.3	a			N	1	
14.2	20.4	a			N	3	
14.2	22.3	a			N	1	

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1905	A.G.C.	R.A. 1905 Dec. 1905	Magn.	DM. No.	R.A.	Dec.	Magn.	
15 27.5 -39.7	21064	15h 27m.4 -39° 43'	6.6					
15 34.4 -39.7	21232	15 34.4 -39 39	6.8					
15 38.9 -39.5	21328	15 38.7 -39 28	8					
15 1.7 -40.2	20509	15 1.7 -40 12	6.2					
15 12.4 -40.4	20731	15 12.4 -40 26	6.2					
15 14.8 -40.3	20779	15 14.8 -40 18	3.7					
15 15.0 -40.4	20782	15 15.0 -40 24	7.0					
15 26.6 -40.2	21048	15 26.7 -40 9	6.9					
15 41.0 -39.9	21366	15 40.8 -39 53	6.8					
14 58.2 -40.5	20429	14 58.2 -40 28	7.0					
14 58.7 -40.7	20444	14 58.8 -40 41	5.7					
15 3.7 -40.9	20542	15 3.5 -40 48	8.2	-40 9336	15 1.9	-40 41.5	7.7	2b
15 3.9 -40.8	20550	15 3.8 -40 38	8.5	-40 9340	15 2.2	-40 31.8	8.2	2b
15 4.7 -40.5	20564	15 4.7 -40 20	8	-40 9347	15 3.1	-40 14.4	7.5	2b
15 ~~12.2~~ 11.5 -40.7	20716	15 11.5 -40 42	6.9					
15 28.4 -40.8	21084	15 28.5 -40 50	3.2					
15 30.0 -40.8	21135	15 30.5 -40 47	8.5					
15 40.8 -40.8	21362	15 40.7 -40 43	7.5					
15 7.0 -41.3	20610	15 7.1 -41 7	7.5	-41 9635	15 5.5	-41 1.1	7.5	2b
15 9.5 -41.1	20672	15 9.5 -41 8	6.8					
15 11.9 -41.1	20720	15 11.7 -41 3	7.5	-40 9482	15 10.1	-40 57.4	7.5	2b
15 40.9 -40.9	21356	15 40.3 -40 54	8.5	-40 9921	15 38.6	-40 49.0	8.0	2b
15 48.0 -41.0	21522	15 47.9 -40 54	8.8					
15 23.7 -41.3	20975	15 23.7 -41 34	9					2
	20976	15 23.7 -41 34	7					
15 33.6 -41.6				-41 10173	15 32.2	-41 32.4	7.5	
15 37.4 -41.7	21292	15 37.2 -41 42	8.5					
	21308	15 37.6 -41 30	8.5					2
15 37.6 -41.5	21309	15 37.7 -41 30	6.5					
15 42.4 -41.6	21403	15 42.5 -41 29	7.8					

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Plate 3699

h	m	m		No	Remarks	K line Int
15	13	9.6	a		N	1.
15	13	10.3	a		N	2
15	15	11.2	a		N	1
15	15	18.0	Lg		K=H	3
16	0	18.4	a		K=H	1
15	0	21.5	a		K=H	1
16	0	24.4	Th	1065	K=H	2
16	4	7.4	a		N	3
16	6	19.0	a		N	1
18	0	8.2	g		K=H	2
17	4	9.6	a		N	2
17	5	10.2	B	1066	N	3
17	8	18.7	a		N	1
17	7	24.3	a		N	2
18	1	7.3	a		N	2
17	0	9.2	a		N	1
18	2	9.5	a		K=H	1
18	3	9.9	a		N	2
18	4	10.1	a		N	1
18	4	10.4	a		N	1
19	0	12.6	a		N	2
18	4	13.3	a		N	1
16	2	15.4	H		N	1
18	5	17.4	a		N	2
19	0	18.8	a	1067	N	2
18	9	20.2	a		N	1
19	5	9.1	B	1068	N	3
19	5	10.4	H		N	1

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1905	A.G.C.	R.A. 1905	Dec. 1905	Magn.	C.D.M. No.	R.A.	Dec.	Magn.	
h m 15 7.9	° ′ -42.1	20641 15 8.2	-41 57	8	-41 9658	15 6.6	-41 50.8	7.3	2b
15 9.9	-42.2	20690 15 9.9	-42 0	7.1	-41 9693	15 8.4	-41 54.6	7.2	2b.
15 12.5	-42.2	20732 15 12.5	-42 5	7.8					
15 31.2	-42.2	21153 15 31.3	-42 14	4.7					
15 32.7	-42.6	21195 15 33.0	-42 26	7.5	-42 10636	15 31.3	-42 21.2	7.8	2b
15 40.5	-42.1	21358 15 40.4	-41 53	7	-41 10296	15 38.7	-41 48.5	7.3	2b
15 48.4	-42.3	21537 15 48.4	-42 19	6.8					
15 1.9	-42.4				-42 10050	15 0.4	-42 23.3	6.5	4a
15 33.6	-42.8	21213 15 33.8	-42 41	8.2					
15 4.2	-43.3				-43 9677	15 2.4	-43 14.9	7.8	4a } which ?
15 7.8	-43.1	20631 15 7.9 20632 15 7.9	-43 1 -43 1	8 8.5	-43 9678	15 2.4	-43 14.1	8.1	2b }
15 9.4	-43.1	20670 15 9.5	-43 7	6.7					
15 33.0	-43.4	21196 15 33.0	-43 17	8					
15 48.4	-43.1	21536 15 48.4	-43 6	7.0					
15 1.2	-43.4	20501 15 1.3	-43 20	7.2					
15 7.0	-43.9				-43 9711	15 5.1	-43 43.5	8.3	2b
15 7.3	-43.5	20615 15 7.3	-43 25	7.8	-43 9716	15 5.7	-43 19.4	7.7	2b
15 8.6	-43.8	20650 15 8.6	-43 47	7.0					
15 9.3	-43.5				-43 9744	15 7.6	-43 26.2	8.3	2b
15 9.9	-43.5				-43 9755	15 8.1	-43 29.1	8.3	2b
15 15.8	-43.9	20801 15 15.8	-43 56	7.0					
15 17.4	-43.6	20837 15 17.8	-43 35	8.8					
15 24.2	-43.5	20985 15 24.1	-43 31	8					
15 29.8	-43.7	21116 15 29.6	-43 40	7.5					
15 33.5	-43.9	21206 15 33.5	-43 58	7.2					
15 37.2	-43.9	21297 15 37.3	-43 48	8.5	-43 10161	15 35.6	-43 42.6	7.7	2b
15 6.1	-44.1	20591 15 6.1	-44 8	6.5					
15 9.9	-44.2	20680 15 9.8	-44 8	7.5					

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Plate 3699						
δ	H	Cl.	Rem.	No.	Kline Int.	
19.4	12.6	B.		1069	N	4
19.2	14.3	a			N	2
19.2	14.4	a			N	1
19.4	19.0	a			K=0.5H	2
19.4	19.1	F		1070	K=H	3
19.4	21.4	a			N	2
19.9	24.2	a			N	2
19.9	24.3	a			N	2
20.4	8.9	a			N	1
20.3	12.3	a			N	2
20.2	14.8	a			N	1
20.5	15.9	a			N	2
20.2	17.2	B		1071	N	3
21.1	5.8	a			N	4
21.1	8.4	H			N	1
21.3	15.4	a			N	1
21.9	18.2	a			N	2
21.4	22.3	a			K=H	2
21.8	22.9	a			N	1
21.3	23.0	H?			N	1
22.9	10.4	F		1072	K=H	2
21.4	12.9	H			N	1
22.4	19.4	H			N	1
23.8	14.9	b			N	2
Plate 3639						
5.6	8.9	a			N	3
5.6	9.6	a			N	2
5.8	19.4	A			K=.2H	3

X 22.7?

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1900	A.G.	R.A. 1900 h m	Dec. 1900 ° ′	Magn.	DM	No.	R.A.	Dec.	Magn.	
15 15.8 -44.3	20806	15	15.9 -44 20	3.8						
15 29.4 -44.1	21102	15	29.3 -44 4	6.2						
15 29.8 -44.1	21132	15	30.3 -44 2	8	-43	10049	15	28.6 -43	56.8	7.9 Gb
15 34.0 -44.3	21218	15	34.0 -44 18	7.7						
15 34.3 -44.3	21226	15	34.3 -44 20	5.2						
15 41.5 -44.2	21379	15	41.4 -44 3	7.2	-43	10240	15	39.7 -43	58	6.7 Gb
15 48.4 -44.2	21533	15	48.4 -44 14	6.9						
15 48.7 -44.2	21544	15	48.7 -44 15	7						
15 5.6 -44.8	20574	15	5.4 -44 38	8.2	-44	9928	15	3.7 -44	33.2	8.4 Gb
15 15.0 -44.6	20776	15	14.8 -44 35	7						
15 21.6 -44.6	20929	15	21.9 -44 32	7.5	-44	10143	15	20.2 -44	27.4	8.3 Gb
15 25.4 -44.7	21010	15	25.3 -44 43	7.5						
15 29.0 -44.6	21095	15	29.0 -44 37	5.2						
15 2.0 -44.9	20514	15	2.1 -44 54	4.8						
15 3.0 -44.9	20565	15	4.8 -44 54	7.8						
	20566	15	4.8 -44 54	7						
15 23.7 -45.2	20981	15	23.9 -45 4	7.3						
15 31.9 -45.3					-45	10078	15	30.0 -45	17.6	7.2 Ma.
15 43.2 -45.1	21426	15	43.2 -45 6	6.6						
15 45.0 -45.3	21463	15	45.0 -45 12	7.8						
15 45.2 -45.1	21470	15	45.2 -44 59	7	-44	10462	15	43.5 -44	54.4	6.8 Gb
15 10.2 -45.8	20691	15	10.1 -45 60	7.0						
15 16.3 -45.8	20819	15	16.5 -45 47	7.1						
15 36.3 -45.9	21265	15	36.1 -45 45	7.5	-45	10147	15	34.4 -45	40.4	7.5 Ma
15 22.3 -46.4	20948	15	22.4 -46 23	5.9						
16 32.4 -37.0	22503	16	32.4 -37 1	6.2						
16 33.9 -36.9	22548	16	34.1 -36 57	7.3						
16 59.5 -37.1	23126	16	59.6 -37 5	6.5						

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h	m	Cl.	No.	Rem.	Klinic Int.	
5.4	10.3	G			K=H	1
5.0	12.6	a			K=0.5H	2
5.7	12.7	F	1073		K=H	1
5.9	17.8	a			N	1
4.9	19.4	a			N	1
6.1	6.7	a			N	1
7.0	9.7	a			N	1
6.6	9.4	F	1074		K=H	1
6.1	13.7	a			N	3
6.3	14.3	G			K=H	2
7.0	14.0	B	1075		N	3
7.0	14.2	B	1076		N	4
6.3	15.5	a			N	1
6.4	16.6	a			K=0.3H	3
6.7	18.3	a			N	2
6.9	16.7	Q			N	2
7.4	10.8	a			N	3
7.8	10.9	a			N	1
7.2	13.5	a			N	1
7.6	13.6	a			N	2
7.9	14.3	a			N	2
7.4	15.0	a			N	1
7.9	15.8	a			N	2
8.0	15.9	a			K=H	1
7.1	16.2	B	1077		N	2
7.8	17.6	a			N	2
7.1	17.3	E			K=H	1
7.6	17.5	E			K=H	1

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1900	AG.	1900 R.A.	1900 Dec.	Magn.	L.D.No.	R.A.	Dec.	Magn.
16 35.9 - 36.9	22583	16	35.8 - 36 53	6.9				
16 41.5 - 36.8	22687	16	41.5 - 36 42	7.2				
16 41.9 - 37.0	22693	16	41.9 - 37 4	7.5				
16 55.0 - 37.2	23026	16	55.2 - 37 9	8.2				
16 58.6 - 36.6	23113	16	59.0 - 36 36	7				
16 26.5 - 37.3	22396	16	27.0 - 37 10	8	-37 10832	16	25.3 - 37 6	7.5 vb
16 34.3 - 37.8					-37 10911	16	32.7 - 37 38.5	8.2
16 33.5 - 37.6					-37 10906	16	32.0 - 37 23.8	8.0 vb
	22744	16	44.3 - 37 21	6.8				
16 44.3 - 37.4	22745	16	44.3 - 37 21	9.5				
16 45.9 - 37.4	22785	16	45.9 - 37 26	7				
16 45.1 - 37.9	22761	16	45.1 - 37 53	8.6				
16 45.6 - 37.8	22778	16	45.6 - 37 51	8.9				
16 49.4 - 37.5					-37 11091	16	47.6 - 37 18.1	8.0 vb
16 52.3 - 37.4					-37 11131	16	50.4 - 37 25.6	6.6 vb
16 56.5 - 37.6	23053	16	56.2 - 37 34	7.5	-37 11188	16	54.5 - 37 31.5	7.7 vb
16 57.7 - 37.6	23073	16	57.2 - 37 42	7.1	-37 11206	16	55.5 - 37 39.6	7.1 vb
16 37.0 - 37.9	22604	16	37.0 - 37 58	6.4				
16 37.3 - 38.3	2				-38 11167	16	35.5 - 38 5.4	7.5 vb
16 43.9 - 37.9	22728	16	43.7 - 37 53	7.8				
16 44.2 - 38.1	22737	16	44.0 - 38 5	7.5				
16 46.0 - 38.3					-38 11271	16	44.0 - 38 13.3	7.3
16 48.1 - 38.0					-37 11067	16	46.1 - 37 53.8	8.7 vb
16 48.4 - 38.3	22857	16	48.3 - 38 15	8				
16 50.0 - 38.3	22920	16	50.2 - 38 17	7.8				
16 51.1 - 37.8	22938	16	51.1 - 37 50	8				
16 54.5 - 38.3					-38 11434	16	52.9 - 38 8.5	8.0 vb
16 53.9 - 37.8	22996	16	53.7 - 37 47	7.5				
16 54.3 - 38.1					-38 11431	16	52.7 - 38 0.9	7.8 vb

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Plate 3637

h	M	Cl.	Rem.	Nr.	Klinc.	Int.
7.5	17.7	H.			Nr	1
7.5	18.6	H	1078		K=H	3
7.2	19.0	a	1079		Nr	2
7.3	22.3	a			K=H	2
8.0	22.6	H	1080		K=H	2
7.8	23.1	a			Nr	2
7.8	24.2	a			Nr	2
8.5	8.2	a			Nr	2
8.4	10.5	a			Nr	2
9.0	11.0	H			Nr	1
8.3	15.0	a			Nr	1
8.3	16.7	a			Nr	2
8.1	18.2	a			Nr	2
8.5	19.5	E			K=H	2
9.0	21.8	I			K=H	2
8.6	23.2	G			K=H	3
9.2	23.5	Hea?			Nr	1
9.3	6.1	H			Nr	1
9.5	8.8	a			Nr	2
9.8	11.2	H			Nr	1
9.7	11.8	a			Nr	1
9.7	12.1	G			K=H	2
9.6	14.1	a			Nr	1
10.0	15.3	?	1081		Nr	2
9.2	16.2	Hea			Nr	1
9.4	16.6	H			Nr	1
10.0	20.3	a			Nr	1
10.4	8.8	a			Nr	1.

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1900	A.G.C.	1900 R.A. h m	1900 Dec. ° ′	Magn	C.D.M. No.	R.A.	Dec.	Magn.	
16 54.7	-38.0	23016	16 54.8	-37 58	7.5				
16 57.1	-38.0	23072	16 57.0	-38 0	6.5				
16 58.1	-37.8					Which star?			
17 6.4	-37.8	23281	17 6.3	-37 50	6.9				
		23296	17 7.1	-38 11	7				
17 7.0	-38.2	23297	17 7.1	-38 11	9.5				
17 8.6	-38.1	23334	17 8.5	-38 6	7.1				
17 11.2	-38.0	23396	17 11.3	-38 3	7.2				
16 30.0	-38.6	22462	16 30.3	-38 28	7.5				
16 36.4	-38.6					-38	11149	16 34.5	-38 25 3 7.7 zb
16 37.7	-38.9					-38	11173	16 35.8	-38 42.0 7.7
16 47.9	-38.5					-38	11307	16 46.0	-38 20 9 8.0 zb
16 52.6	-38.5	22968	16 52.3	-38 24	8				
16 56.3	-38.4					-38	11462	16 54.4	-38 16.6 7.5 zb
16 59.7	-38.6					-38	11541	16 57.7	-38 26 9.0 zb
17 5.5	-38.7	23261	17 5.4	-38 42	6.8				
17 8.8	-38.5	23336	17 8.8	-38 28	6.4				
17 9.5	-38.3	23353	17 9.3	-38 13	8				
16 24.5	-38.9	22345	16 24.8	-38 47	7.5				
16 31.7	-39.1	22484	16 31.7	-38 57	7.3	-38	11087	16 30.0	-38 53 9 7.2 zb
16 37.8	-39.3	22618	16 37.9	-39 12	7.8				
16 39.6	-39.2	22651	16 39.7	-39 5	9				
16 40.0	-39.2	22658	16 40.0	-39 12	6.0				
16 45.1	-39.2					-39	10785	16 43.5	-39 1.6 7.7 zb
16 48.8	-39.4	22870	16 48.7	-39 21	7.0				
16 51.4	-39.0	22937	16 51.0	-38 57	7.5				
16 52.3	-39.1	22961	16 52.0	-39 0	7.5				
17 2.0	-39.4	23167	17 1.8	-39 12	8.5	-39	11145	17 0.1	-39 10 6 7.3 zb
16 36.7	-39.6								

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α	δ	Cl	Remarks	No.	Lines	Int.
10.3	9.3	a			N	1
10.4	9.5	a			N	1
10.9	9.6	a			N	1
10.3	10.1	a			N	1
10.4	10.3	a			K=H	1
10.6	11.8	A		1082	K=H	1
10.1	12.2	a			N	2
11.0	12.5	a			N	1
11.0	15.8	a			N	1
10.3	21.8	a			N	3
10.9	22.6	H			N	1
11.4	8.1	a			N	2
11.1	13.4	E			K=H	1
12.0	15.0	a		1083	N	1
12.0	15.8	a		1084	N	2
11.3	18.2	a			K=H	2
11.8	20.4	a			N	1
12.3	10.6	A		1085	K=H	1
12.6	11.3	B		1086	N	3
13.0	12.5	A		1087	K=H	1
12.6	13.5	a			N	1
12.4	14.1	H			N	1
12.2	14.2	a			N	1
12.4	14.3	a			N	3
12.2	15.6	a		1088	N	3
12.6	15.4	a		1089	N	3
13.0	15.8	a			N	1
13.0	15.3	a			N	1

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1900	A.G.C.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
16	32.6	-39.5						
16	33.0	-39.7	22518		16	33.1	-39 35	9
16	33.4	-39.8	22529		16	33.5	-39 43	8
16	35.0	-39.6						
16	35.5	-39.8						
16	39.6	-39.7						
16	40.7	-39.5	22665		16	40.2	-39 24	8.5
16	41.3	-39.9						
16	50.4	-40.0						
17	5.5	-39.4	23257		17	5.3	-39 23	5.9
17	7.6	-39.7	23307		17	7.5	-39 39	7.0
16	29.7	-40.2	22449		16	29.6	-40 6	7.5
16	44.2	-40.0						
16	48.2	-40.6	22847		16	48.0	-40 25	7.5
16	50.0	-40.5	22914		16	49.9	-40 22	7.5
16	56.5	-40.0	23058		16	56.4	-39 56	7.5
17	3.2	-40.2	23196		17	2.7	-40 5	8.8
16	35.9	-40.6	2					
16	38.0	-40.6	22615		16	37.8	-40 39	5.9
16	41.3	-40.9	22676		16	40.9	-40 47	8
16	43.8	-40.8						
16	44.8	-40.6	22762		16			
16	45.1	-40.5	22762		16	45.1	-40 31	8
16	45.2	-40.6	22773		16	45.5	-40 33	7.0
16	49.0	-40.5	22887		16	49.3	-40 30	7.5
16	49.5	-40.7	22899		16	49.6	-40 40	6.5
16	50.9	-46.9						
16	48.5	-40.9	22864		16	48.5	-40 49	8.5

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α H	δ	Rem	Klinc	Int.
13.0	18.0	a	K=H	1
13.5	5.7	a	N	2
13.3	6.7	a	N	2
13.3	9.5	a	N	1
13.2	10.9	a	K=0.4H	2
13.2	11.0	a	N	2
13.3	13.9	a, 1080	N	3
13.6	14.7	a	N	1
13.2	14.8	a	N	1
13.2	15.0	a	N	3
13.3	15.7	a 1081	K=H	1
13.9	16.7	a	N	1
13.5	17.7	a	K=H	1
13.2	20.1	a 1092	K=H	2
14.7	6.5	a 1093	N	3
14.6	11.1	a	N	1
14.8	11.4	a	K=H	1
14.2	12.0	a 1094	N	2
14.2	12.2	a 1095	K=H	1
14.6	12.3	a 1096	N	1
14.2	13.3	a	N	1
13.9	13.6	a	N	1
14.9	13.2	a 1097	N	2
14.6	13.6	Nebula	N	1
14.6	14.2	a	N	2
14.5	14.4	a	N	2
14.5	14.7	a 1098	N	3
14.5	14.8	a 1099	N	3

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1900.	A.G.C.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
16 55.9	-40.9							
16 22.6	-41.0	22302	16	22.8	-40 54	7.8		
16 25.5	-41.0							
16 34.0	-41.0	22536	16	33.7	-40 56	7.8		
16 36.6	-40.9	22601	16	36.8	-40 56	6.5		
16 37.2	-40.9	22602	16	36.9	-40 55	6.5		
16 44.6	-41.1	22748	16	44.5	-41 4	5.9		
16 46.8	-41.4							
16 46.9	-41.1							
16 48.0	-41.1	22843	16	48.0	-41 0	6.4		
16 49.9	-42.2							
16 52.15	-41.4							
16 54.5	-41.2							
17 1.3	-40.9							
16 24.8	-41.6	22340	16	24.7	-41 36	5.9		
16 37.3	-41.8							
16 38.0	-41.9							
16 39.5	-41.5	22649	16	39.5	-41 26	7.2		
16 40.0	-41.5	22664	16	40.2	-41 26	7.8		
16 40.1	-41.7	22667	16	40.4	-41 38	7.5		
16 42.8	-41.6							
16 43.8	-41.4							
16 42.8	-41.9	22710	16	42.7	-41 50	7.8		
16 43.9	-41.8	22734	16	43.8	-41 40	7.8		
16 45.1	-41.8	22763	16	45.3	-41 41	7.5		
16 46.8	-41.8							

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δ	H	Cl.	Rem.	K	Comet Int.
14.5	14.9	Q		N	2
15.0	15.0	A	1105	N	2
14.3	19.9	A		K=0.5H	2
14.2	21.1	A		N	2
14.5	21.1	E		K=H	1
14.5	22.1	A		K=H	2
15.2	14.6	F	1101	K=H	1
15.6	14.8	A	1102	N	3
15.9	14.9	F	1103	K=H	2
15.6	15.0	K		K=H	3
16.5	17.3	A		N	2
16.0	22.9	A		N	2
15.3	24.2	A		N	1
16.5	8.3	A	110H	N	3
16.9	14.2	A		N	2
16.9	14.5	Neb.		N	2
17.0	15.3	A		N	1
16.9	15.8	A		N	1
16.5	19.5	A		N	2
16.6	21.6	A		K=H	1
17.6	6.6	A		N	1
17.5	8.1	A		N	1
17.5	9.1	B	1105	N	3
16. 17.8	13.3	A		K=H	2
18.0	15.0	F	1106	K=H	2
17.5	16.2	A		K=0.5H	3
17.6	18.4	F	1107	K=H	1
17.2	19.7	A		N	1

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1900	A.G.C.	R.A. 1900	Dec. 1900	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
16	48.0 -42.0	22845	16	48.1	-41 56	7.5		
17	1.0 -41.5	23156	17	1.1	-41 29	7.2		
17	4.2 -41.8							
17	4.2 -41.3	23221	17	4.0	-41 19	7.2		
17	7.0 -41.8							
16	46.0 -42.1							
16	47.0 -42.2	22812	16	47.0	-42 12	5.8		
16	47.4 -42.3	22829	16	47.4	-42 19	6.6		
16	47.7 -42.2	22832	16	47.6	-42 12	3.6		
16	53.9 -42.1							
17	9.8 -42.3	23344	17	9.2	-42 14	7.1		
17	13.2 -41.9	23428	17	12.7	-41 56	7.5		
16	29.5 -42.7	22441	16	29.4	-42 39	6.0		
16	45.3 -42.9	22765	16	45.5	-42 50	7		
16	46.6 -42.9	22803	16	46.6	-42 53	6.6		
16	49.0 -43.1							
16	50.2 -42.9	22908	16	50.0	-42 48	8.5		
17	0.8 -42.8	23149	17	0.7	-42 50	8.2		
17	6.0 -42.8							
16	24.2 -43.2							
16	28.8 -43.2							
16	31.5 -43.2	22476	16	31.4	-43 12	6.3		
16	43.0 -43.0	22713	16	42.9	-42 56	7.5		
16	48.0 -43.4	22831	16	47.6	-43 24	7.5		
16	48.6 -43.2	22862	16	48.5	-43 10	7.1		
16	58.5 -43.1							
17	0.6 -43.0							

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Plate 3637

17.9	20.1	a		N	1
17.6	21.1/13	a	1108	K=H	4
17.2	23.5	a		N	2
17.2	23.6	a	1109	N	1
17.2	23.7	a	1110	N	1
18.6	7.0	a		N	1
18.5	10.6	a		K=H	1
18.3	10.8	a		N	1
18.5	11.2	a		N	1
18.8	12.5	a		K=H	1
18.8	13.1	a		N	2
18.4	13.7	a	1111	K=H	1
18.9	15.6	a		N	1
18.6	23.3	a		N	2
19.1	7.6	a	1112	N	3
19.3	9.3	a	1113	N	1
19.4	11.3	a		K=H	1
19.4	16.2	a		K=H	1
19.9	16.3	a		N	1
19.2	18.8	a		K=0.3H	2
19.9	18.9	a		N	2
19.9	19.4	a		N	2
19.6	23.5	a		N	3
19.9	23.8	a		N	2
20.8	9.5	a		K=H	1
20.1	9.9	a		N	1
20.7	14.9	a		K=H	2
21.8	16.8	a	1114	K=H	3

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1905	A.G.C.	1905 R.A.	1905 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
17	1.8 -43.3							
17	5.0 -43.1	23250	17	5.0	-43 6		3.6	
17	11.0 -42.9							
17	11.5 -42.9							
17	11.9 -42.8							
16	25.6 -43.6							
16	35.9 -43.6	22587	16	36.1	-43 28		8.5	
16	36.3 -43.5							
16	37.2 -43.6							
16	40.4 -43.9	22669	16	40.7	-43 46		8.5	
16	42.2 -43.9	22703	16	42.4	-43 46		8.5	
16	44.0 -43.7							
16	49.2 -43.9	22889	16	49.5	-43 48		8.2	
17	11.2 -43.6	23382	17	10.8	-43 28		7.5	
16	27.0 -43.8	22890	16	27.0	-43 50		5.5	
16	32.5 -44.2	22489	16	32.0	-44 9		8.2	
16	37.1 -44.3	22606	16	37.2	-44 11		8	
16	56.5 -44.0	23061	16	56.7	-44 0		8.2	
16	58.0 -44.3	23094	16	58.1	-44 15		8.2	
16	58.4 -43.9	23101	16	58.6	-43 58		6.6	
16	58.8 -44.3	23105	16	58.8	-44 14		7.8	
17	0.3 -44.4	23138	17	0.1	-44 18		7.5	
17	11.8 -44.1	23403	17	11.6	-44 0		6.8	
17	12.2 -44.1	23417	17	12.2	-44 7		6.3	
16	32.2 -44.8	22492	16	32.1	-44 41		8.2	
16	34.3 -44.5							
16	46.0 -44.8	22792	16	46.3	-44 43		9.2	
16	52.7 -45.4	22974	16	52.6	-45 32		8.5	

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	δ	H	Cl	Rem.	Klinc	Int
	20.7	17.7	H		N	1
	20.2	19.1	A		N	1
	20.2	20.6	G		K=1.2H	3
	20.9	22.9	A	1116	N	2
	21.5	8.1	H		N	2
	21.4	8.6	A		K=H	2
	21.4	9.7	A		N	1
	21.7	10.4	G		K=H	1
	21.8	12.4	F	1116	K=H	1
	21.7	12.6	A		N	2
	21.9	14.5	A		N	1
	21.9	15.0	A		N	1
	21.6	15.1	A		N	1
	21.4	15.8	A		N	1
	21.8	16.9	H		N	1
	22.0	18.5	A		N	3
	21.9	21.7	A		N	1
	22.4	8.3	A		N	1
	22.8	12.7	A		K=H	2
	22.9	16.0	A		N	1
	22.8	16.2	A		K=H	1
	22.9	20.8	F	1117	K=H	1
	23.0	21.9	F	1118	K=H	1
	22.7	23.5	C		N	2
?	23.3	24.0	A		N	2
?	23.6	6.3	A	1119	N	3
	23.3	9.1	H		N	1
	23.1	10.9	F	1120	K=H	2

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1905	A G.C	1900 R.A	1900 Dec.	Magn.	Diff. in R.A.	Dec.	Magn.
16	57.0 -44.8	23070	16h 57m.1	-44 45	9.5		
16	59.0 -44.6	23116	16 59.2	-44 26	8.2		
17	3.8 -44.5	23206	17 3.5	-44 26	5.7		
17	9.8 -44.7	23357	17 9.8	-44 40	6.8		
16	27.8 -45.2	22417	16 27.9	-45 2	7		
16	29.0 -45.1	22444	16 29.5	-44 57	7.8		
16	32.3 -45.1	22500	16 32.5	-44 57	8.5		
16	34.5 -45.3	22556	16 34.6	-45 10	7.0		
16	40.2 -45.3	22662	16 40.2	-45 17	7.8		
16	40.5 -45.2	22668	16 40.6	-45 13	7.0		
16	46.0 -45.5						
16	47.8 -45.4	22833	16 47.6	-45 20	9.2		
16	48.4 -45.3						
16	50.0 -45.1	22921	16 50.4	-45 12	8.5		
16	53.5 -45.3	22989	16 53.2	-45 18	7		
16	57.7 -45.3	23086	16 57.8	-45 21	6.7		
17	5.0 -45.3	23234	17 4.5	-45 10	9.2		
16	28.0 -45.6	22425	16 28.5	-45 24	8.8		
16	40.7 -45.8	22671	16 40.8	-45 46	6.9		
16	50.5 -45.9	22929	16 50.8	-45 49	8		
16	51.0 -45.8	22939	16 51.2	-45 45	8		
17	4.7 -45.9	23230	17 4.5	-45 45	7.8		
17	8.0 -45.9	23311	17 7.7	-45 46	8		
17	12.6 -45.8						
17	13.3 -45.5	23439	17 13.5	-45 19	7.2		
16	22.4 -46.0	22297	16 22.5	-46 2	5.9		
16	31.0 -46.6	22468	16 30.7	-45 57	6.5		
16	35.7 -45.9	22574	16 35.8	-45 53	6.6		

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h	H	Cl.	Remarks	No.	Kline	Int
23.2	21.6	F		1121	K=H	1
23.9	12.0	A			N	3
23.8	12.9	F		1122	K=H	1
24.0	16.5	A			N	1
23.7	16.6	A			N	1
23.6	20.6	A			N	1
24.0	22.2	A			N	1

$17^h 23^\circ - 41.5$

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5.0	14.1	A			N	1
4.8	14.5	I			K=H	2
3.5	22.2	A			N	2
5.9	5.4	A			N	3
5.6	12.1	I			K=H	2
5.6	14.0	A			N	1
5.6	15.1	B		1123	N	5
5.3	16.2	B		1124	N	5
6.0	17.0	A			N	2
5.2	19.9	A			N	1
5.5	22.7	K			K=H	3
6.8	12.0	E			N	1
6.9	14.7	A			N	1
7.0	17.9	G			K=H	1
7.1	8.2	F		1125	K=H	1
7.9	8.5	F		1126	K=H	2
7.7	9.1	A			N	2
7.5	10.2	A			N	2

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1900			1900		
19 m	° A.G.C	R.A	Dec.	Magn.	Ld. Ma. to. R.A. Dec. Magn.
6 37.9	-46.1				
6 38.9	-46.4	22632	16 38.8	-46 21	6.8
6 41.8	-463				
6 52.2	-46.5				
6 52.7	-46.3	22971	16 52.5	-46 9	7.5
7 3.8	-46.2	23213	17 3.9	-46 3	7.5
7 8.5	-46.4	23328	17 8.5	-46 13	7.2
17 21.4	-36.9	23631	17 21.3	-36 48	8
17 22.3	-36.7	23649	17 22.2	-36 41	6.6
17 42.0	-36.2				
16 59.5	-37.1	23126	16 59.6	-37 5	6.5
17 16.2	-37.1	23505	17 16.1	-37 8	6.5
17 21.0	-37.2	23622	17 20.9	-37 6	7
17 24.0	-37.2	23698	17 24.0	-37 13	3.2
17 26.9	-37.0	23778	17 26.8	-37 2	2.0
17 29.0	-37.3	23822	17 28.9	-37 22	6.8
17 36.3	-36.9	23982	17 36.1	-36 54	6.2
17 43.0	-37.0	24179	17 43.0	-37 1	3.4
17 15.7	-37.8	23492	17 15.8	-37 43	6.9
17 30.3	-37.9				
17 30.7	-38.0	23855	17 30.6	-38 0	6.7
17 6.2	-37.8	23281	17 6.3	-37 50	6.9
17 7.0	-38.3	23296 23297	17 7.1	-38 11	7 9.5
17 8.5	-38.2	23334	17 8.5	-38 6	7.1
17 11.6	-38.2	23396	17 11.3	-38 3	7.2

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α	H	Cl.	Rem.	Klinc	Dyk.
7.2	11.2	a		K=H	1
7.6	12.0	a		N	1
7.4	17.1	a		K=H	1
7.3	17.7	H		K=H	2
7.6	21.5	a		N	2
7.7	22.0	a		N	1
7.7	22.2	a		N	1
7.3	23.2	a		N	1
8.9	9.9	I		K=H	2
8.3	9.3	Fr	1127	K=Hb	2
8.2	14.7	a		K=0.2H	3
8.5	15.3	Fr	1128	K=H	1
8.8	16.7	Hb		N	1
8.4	17.3	G		K=Hb	3
8.9	20.3	Hb		K=H	1
10.0	6.6	a		N	1
9.1	15.3	Fr	1129	K=H	1
9.9	16.4	E		K=Hb	1
9.9	18.9	a		N	1
9.2	19.6	K	1130	N	5
9.9	21.2	a		N	2
9.4	22.3	a	1131	N	1
10.2	8.0	a		N	3
10.3	21.4	a		N	1
11.8	11.6	a		N	1
11.4	16.6	a		N	1
11.8	17.5	Fr	1132	K=H	1
11.8	18.5	a		N	1

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1905		A.G.C.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
	° ′		h m	° ′					
11.8	-38. 0	23424	17 12.3	-38 0	9.2				
15.9	-38.3	23493	17 15.8	-38 7	9.2				
		23495			7.3				
27.9	-38.2								
30.2	-38.1	23855	17 30.6	-38 0	6.7				
40.2	-38.3	24097	17 40.2	-38 5	7.2				
41.8	-38.3	24130	17 41.6	-38 6	7.2				
42.1	-38.3	24149	17 42.1	-38 5	7.8				
44.4	-37.9	24215	17 44.4	-37 47	8				
5.3	-39.4	23257	17 5.3	-39 23	5.9				
8.8	-38.5	23336	17 8.8	-38 28	6.4				
22.5	-38.4	23657	17 22.5	-38 26	6.9				
24.8	-38.6								
28.3	-38.8	23809	17 28.2	-38 44	7.2				
29.4	-38.6	23841	17 29.6	-38 34	4.7				
37.0	-38.9	24011	17 37.2	-38 46	7				
1.5	-38.3								
24.3	-39.0	23710	17 24.4	-38 56	9				
		23712			7.5				
32.3	-39.4	23889	17 32.5	-39 17	7.8				
33.0	-39.3	23907	17 33.2	-39 9	7.5				
35.6	-38.9	23966	17 35.5	-38 59	2.6				
39.6	-39.4	24075	17 39.5	-39 14	7.5				
42.8	-39.2								
5.2	-39.4	23257	17 5.3	-39 23	5.9				
40.2	-39.6	24100	17 40.3	-39 23	7.8				
14.3	-40.4	23469	17 14.6	-40 16	8				
28.9	-40.2								
30.0	-40.4								
32.8	-40.4	23893	17 32.8	-40 13	8.2				

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Plate 3676

V	H	Cl.	Rem Nr	Kline	Int.
11.1	18.6	a		K=H	1
11.4	19.0	E		K=H	1
11.4	19.3	a		K=H	1
12.0	21.1	PF	1133	K=H	1
11.5	21.5	G		K=H	4
11.2	21.9	a		N	2
11.5	22.5	a		N	3
12.6	14.5	a		N	1
12.2	16.4	a		N	2
12.5	21.1	a		N	1

$0^h\ 55^m$

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1900	A.G.C	1900 R.A.	Dec.	Magn.	L.D.M.	No.	1900 R.A.	Dec.	Magn.
17	33.0		-40.0						
17	34.0		-40.2						
17	34.8		-40.2		23945	17	34.6	-40 4	8
17	39.9		-40.5		24082	17	39.9	-40 21	7.8
17	40.4		-40.1		24107	17	40.5	-40 6	3.3
17	41.9		-39.9		24134	17	41.7	-39 52	7.8
17	43.2		-40.1		24182	17	43.1	-40 4	5.6
17	22.0		-40.7		23650	17	22.3	-40 39	8.5
17	27.0		-40.5		23794	17	27.3	-40 27	7.2
17	39.7		-40.7		24077	17	39.7	-40 33	8.5

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23h 20m

Plate 3676 Continued

V	H	Cl.	Rem. No.	Klinic Int.
12.8	14.6	E		K=H 1
13.0	21.2	a		K=H 1
12.9	22.9	K		K=H 1
13.3	6.6	H	1134	K=H 2
13.3	11.9	Hb		N 1
13.4	13.9	H	1135	K=H 1
13.1	15.3	a		N 2
13.4	15.6	a		N 3
13.2	16.3	a		N 2
13.6	16.5	H	1136	K=H 2
13.3	18.1	a		K=H 1
14.4	6.6	a		N 2
14.1	7.7	a		N 1
14.6	7.9	a		N 1
14.5	8.6	a		K=H 2
14.9	10.9	a		N 1
14.1	12.9	H	1137	K=Hb 1
15.0	13.2	a		N 2
14.3	14.8	a		K=H 1
14.6	18.9	E		K=H 1
14.6	20.0	H	1138	K=H 1
14.3	21.9	a		K=H 1
14.3	22.2	a		N 2
14.2	22.3	a		N 1
14.3	22.4	a		N 1
15.4	9.7	B	1139	N 2
15.8	16.2	H	1140	K=H 1
15.4	11.8	a		K=H=K 2

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1905	No. N.G.C	1900 R.A	1900 Dec.	Magn.	G.D.M. No.	R.A.	Dec.	Magn.
17 30.6 - 40.8	23853	17h 30.6m	-40° 45'	8				
17 40.9 - 40.9								
17 44.8 - 40.8	24218	17 44.6	-40 45	6.5				
17 0.6 - 41.0	23160	17 1.2	-40 53	7				
17 15.0 - 41.1	23479	17 15.2	-41 2	7.2				
17 20.2 - 41.2	23616	17 20.6	-41 14	8.2				
17 24.6 - 41.0	23713	17 24.6	-40 58	8				
	23714	17 24.7	-40 57	7				
17 26.0 - 41.1	23752	17 26.1	-41 6	6.5				
17 27.2 - 41.0	23792	17 27.3	-40 57	7.8				
17 27.9 - 41.4	23798	17 27.6	-41 15	7.8				
17 32.1 - 41.1	23875	17 32.0	-40 58	8.5				
17 0.1 - 41.6								
17 3.1 - 41.5								
17 3.6 - 41.7								
17 6.3 - 41.7								
17 12.2 - 41.9	23428	17 12.7	-41 56	7.5				
17 17.5 - 41.5	23548	17 17.8	-41 25	8.5				
17 18.5 - 42.0								
17 23.0 - 41.6								
17 34.2 - 41.8	23924	17 34.1	-41 38	8.5				
	23926			9				
17 37.2 - 41.7								
17 42.0 - 41.5								
17 42.7 - 41.5								
17 43.0 - 41.4								
17 43.2 - 41.5	24189	17 43.4	-41 37	8				
17 9.0 - 42.4	23344	17 9.2	-42 14	7.1				
17 10.0 - 42.4								
17 15.0 - 42.1	23473	17 14.9	-42 5.	7.8				

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Plate 36/6

V	H	Cl.	Rem.	Nr.	Klinec.	Int.
15.2	12.2	a			K=H	1
15.4	14.8	a			N	1
15.9	15.0	a			N	1
15.4	15.6	a			K=H	1
15.8	15.4	F		1141	K=H	1
15.3	15.8	a			K=H	1
15.8	16.0	a			N	2
15.3	19.5	a			N	1
15.4	21.1	a			K=H	1
16.0	22.3	a			N	2
16.0	22.4	g			K=H	2
15.1	20.5	e			K=H	1
15.4	23.2	F		1142	K=H	2
16.4	6.6	a			N	1
16.8	10.4	a			K=H	2
17.0	10.5	e			K=H	1
16.8	10.7	e			K=H	1
16.9	16.4	a			K=H	2
16.6	17.0	a			K=H	2
17.0	17.1	e			K=H	1
16.9	17.3	F		1143	K=H	5
16.2	17.6	e			K=H	2
16.9	17.9	a			N	3
16.5	17.8	a			N	2
17.0	18.1	e			K=H	1
16.6	20.1	a			K=0.3H	3
16.2	24.3	a			K=H	2
17.5	5.3	F		1144	K=H	4

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1900	No. N.G.C	1900 R.A.	1900 Dec.	Magn.	L.D.M. No.	R.A.	Dec.	Magn.
h m ° '								
17 16.0	-42.1							
17 22.8	-42.4	23667	17 23.0	-42	22	9.2		
17 23.7	-42.5	23684	17 23.7	-42	22	8		
17 25.0	-42.2	23728	17 25.2	-42	6	7.5		
17 25.4	-42.4							
17 25.9	-42.2							
17 26.2	-42.4	23758	17 26.4	-42	19	7.2		
17 36.3	-42.1							
17 40.3	-42.0							
17 43.8	-42.3	24195	17 43.7	-42	18	7.0		
17 44.0	-42.4							
17 43.9	-41.9							
17 45.9	-41.9	24241	17 45.7	-41	58	6.8		
17 00	-42.8	23149	17 0.7	-42	50	8.2		
17 10.5	-42.8							
17 11.0	-42.9							
17 11.2	-42.8							
17 27.8	-42.9	23806	17 28.3	-42	58	8		
17 29.1	-42.8							
17 29.2	-43.0	23831	17 29.4	-42	56	8.8		
17 30.1	-42.9	23849	17 30.1	-42	56	2.1		
17 31.0	-42.5	23856	17 30.7	-42	29	7.5		
17 31.0	-42.8	23859	17 31.0	-42	49	6.9		
17 31.8	-42.8	23867	17 31.5	-42	40	7.5		
17 32.2	-43.1	23872	17 31.8	-43	5	8.2		
17 37.5	-42.7	24021	17 37.5	-42	41	6.5		
17 49.5	-42.4							
17 4.8	-43.1	23250	17 5.0	-43	6	3.6.		

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Plate 36/6

O. H. Cl. Perry Nr. Kline Inst.

18.0	13.9	T	1145	K=H	2
17.4	15.0	T	1146	K=H	2
17.4	16.0	E		K=H	1
17.3	23.4	a		N	1
16.2	10.4	a		N	2
18.4	12.4	a		K=H	1
16.9	14.4	a		N	3
18.10	14.9	T	1147	K=H	1
18.7	18.1	a		K=H	2
19.0	19.9	H		N	1
18.3	20.8	a		K=H	2
19.4	6.0	a		N	3
20.0	6.1	a		N	2
20.0	6.6	a		N	2
19.2	10.4	a		N	3
19.4	11.0	a		N	2
19.2	12.4	a		N	3
19.3	16.0	a		N	1
19.4	20.1	H		N	1
20.1	5.9	a		N	1
20.2	7.9	g		K=H	2
20.6	10.2	a		N	2
21.0	12.9	T	1148	K=H	2
20.3	13.5	a		N	1
20.4	14.4	a		N	2
20.1	15.8	a		N	1
21.0	16.1	a		N	2
20.3	17.0	a		N	1

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1900	A.	1900	1900			
	A.G.C.	R.A.	Dec.	Magn.	C.D.M. No.	R.A. Dec. Magn.
17 20.2	-43.6	23608	17h 20.3m	-43° 28'	7.5	
17 23.7	-43.3	23675	17 23.4	-43 8	7.8	
17 32.1	-43.1					
17 46.9	-43.0					
17 10.8	-43.6	23382	17 10.8	-43 28	7.5	
17 17.0	-43.9	23521	17 17.0	-43 43	8	
17 21.8	-43.9	23638	17 21.8	-43 54	6.8	
17 23.7	-43.8	23674	17 23.3	-43 40	7.5	
17 32.5	-43.9	23882	17 32.3	-43 48	8.2	
17 37.1	-44.0	24001	17 37.0	-44 9	8.8	
17 40.2	-43.7					
16 58.5	-43.9	23101	16 58.6	-43 58	6.6	
16 58.7	-44.4	23105	16 58.8	-44 14	7.8	
16 59.9	-44.4	23138	17 0.1	-44 18	7.5	
17 11.7	-44.1	23403	17 11.6	-44 1	6.3	
17 12.3	-44.1	23417	17 12.2	-44 7	6.3	
17 17.0	-44.0	23522	17 17.0	-44 4	5.8	
17 26.6	-44.2	23759	17 26.4	-44 14	7.5	
17 38.0	-44.3	24032	17 37.8	-44 5	7.5	
16 57.4	-44.4					
17 3.4	-44.4	23206	17 3.5	-44 26	5.7	
17 9.7	-44.7	23357	17 9.8	-44 40	6.8	
17 17.3	-45.0	23532	17 17.4	-44 55	7.2	
17 19.1	-44.7	23582	17 19.2	-44 33	8.2	
17 22.8	-44.7	23655	17 22.5	-44 39	7.5	
17 26.0	-44.6	23745	17 25.8	-44 26	8.8	
17 26.9	-44.5	23773	17 26.8	-44 56	7.5	
17 29.1	-44.7	23828	17 29.3	-44 49	7.2	

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Plate 3696

			V. H. Cl. Rem		Klein Int.
20.4	18.4	Hb	Nr	1	
20.4	16.9	a	Nr	1	
20.5	19.4	a	Nr	1	
20.2	24.2	d	K=Hb	3	
21.9	11.5	a	Nr	2	
21.5	13.2	a	Nr	1	
22.0	15.4	a	Nr	2	
21.4	14.2	Tr 1149	K=H	1	
21.6	19.9	a	Nr	1	
22.3	6.0	a	Nr	3	
22.3	11.1	a	Nr	2	
22.2	12.2	Hb	Nr	1	
22.6	13.4	a	Nr	3	
23.0	15.2	g	K=H	2	
23.0	18.2	a	Nr	1	
23.0	19.4	a	Nr	2	
23.3	20.6	a	K=H	1	
22.5	22.2	d	K=H	2	
23.6	6.2	a	Nr	1	
23.4	12.9	a	Nr	3	
23.9	16.6	a	Nr	3	
23.8	18.9	a	Nr	2	
23.3	19.4	a	Nr	2	

$18^h\ 4^m - 41.6$

Plate 3932

4.4	6.6	a	Nr	2
3.6	9.4	a	Nr	2
4.5	11.3	a	Nr	3

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1900	No. N.G.C.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
17 33.2	-44.8	23906	17h 33.3m	-44° 37'	7.8			
35.0	-44.9	23942	17 34.6	-44 44	.8			
37.0	-44.8							
17 49.6	-44.3	24321	17 49.5	-44 19	5.4			
17 12.2	-45.4	23416	17 12.1	-45 32	7.2			
18.2	-45.3	23562	17 18.3	-45 11	8.5			
26.0	-45.5	23747	17 25.8	-45 26	7.5			
29.9	-45.3	23844	17 29.9	-45 5	9			
37.8	-45.4	24036	17 37.9	-45 36	8			
16 57.3	-45.3	23086	16 57.8	-45 21	6.7			
17 12.0	-45.6	23406	17 11.7	-45 24	9			
15.6	-45.6	23482	17 15.4	-45 31	7.5			
19.1	-45.7	23588	17 19.3	-45 45	7.8			
24.3	-46.0	23706	17 24.4	-45 59	6.5			
32.3	-46.0							
17 36.3	-46.1	23980	17 36.3	-45 55	7.2			
40.2	-46.6	24093	17 40.2	-45 28	7.5			
44.2	-45.6	24207	17 44.3	-45 35	6.6			
3.8	-46.3							
17 17.1	-46.3	23533	17 17.4	-46 7	7.2			
24.2	-46.4							
35.0	-46.5							
37.0	-46.3							
17 48.3	-36.5	24301	17 48.4	-36 27	6.8			
51.0	-36.0	24363	17 51.2	-35 59	7			
55.0	-36.4	24469	17 55.1	-36 22	6.5			

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Plate 3932

A. H. Cl. Run Klinc Ind:

4.5	11.4	a		K-H	1
4.9	12.9	a		K-H	2
3.9	13.2	b		K-Hb	2
4.9	13.4	a		K-Hb	2
5.0	14.4	a		N	3
4.9	15.6	a		N	1
4.8	16.9	a		N	3
4.6	17.8	a		N	1
4.3	20.0	K		K-Hb	3
3.9	20.8	d		K-Hb	2
4.0	21.6	a		N	2
5.9	6.5	d		K-Hb	2
5.4	10.1	g		K-Hb	2
5.6	10.6	a		N	2
5.6	12.6	a		N	1
5.2	12.8	a		N	1
5.5	13.5	Fl	1150	K-H	1
5.8	15.3	a		N	2
5.5	16.2	a		K-Hb	1
5.5	16.6	a		N	2
5.1	17.6	Fnb		K-12H	4
5.1	19.7	a		Hb	3
5.8	21.5	a		N	1
5.7	23.1	a		K-H	2
6.5	9.9	Fl	1151	K-H	1
6.3	10.6	a		N	1
6.5	10.7	a		N	2
6.9	11.1	a		K-H	1

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1905	No. N.G.C	1900 R.A	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
55.3 - 36.4	24481	17h 55m.4	-36° 21′	7.2				
59.0 - 36.6	24582			7.8				
	24583	17 59.0	-36 35	9.5				
59.5 - 36.0	24601	17 59.6	-36 2	6.4				
0.5 - 36.6	24613	17 0.3	-36 37	8.2				
2.9 - 36.7	24677	18 2.6	-36 41	6.7				
6.0 - 36.6	24758	18 5.9	-36 30	8.2				
9.0 - 36.7	24839	18 9.1	-36 37	7.5				
11.5 - 36.5								
16.4 - 36.4	25037	18 16.7	-36 18	6.2				
18.3 - 36.0	25084	18 18.6	-36 2	6.7				
20.5 - 36.2	25130	18 20.7	-36 4	7.5				
43.0 - 37.0	24479	17 43.0	-37 1	3.4				
52.2 - 36.8	24385	17 52.1	-36 51	8.5				
	24388			6.3				
52.6 - 36.9	24396	17 52.4	-36 55	8				
58.4 - 37.0								
58.6 - 36.9	24581	17 58.8	-36 45	7.8				
0.4 - 36.9	24625	18 0.6	-36 53	8.8				
5.0 - 37.2								
7.0 - 37.0	24796	18 7.3	-36 54	8.5				
7.6 - 37.1	24810	18 7.9	-36 56	7.8				
11.0 - 36.8	24888	18 10.9	-36 48	3.3				
16.2 - 36.8	25020	18 16.1	-36 44	6.0				
20.7 - 37.0	25129	18 20.6	-36 56	8.5				
24.5 - 36.9	25253	18 24.4	-36 52	7				
51.4 - 37.4								
53.0 - 37.3	24420	17 53.3	-37 21	8.8				
53.4 - 37.4	24425	17 53.4	-37 24	7.2				
54.3 - 37.5	24452	17 54.3	-37 29	8.5				

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6.3	11.9	A		N	1
6.6	12.8	F		K=H	2
6.5	13.0	Ho		N	1
6.6	13.1	F	1152	K=H	2
6.9	13.5	A		N	1
6.1	14.8	A		K=H	2
6.2	16.0	H		N	1
7.0	16.0	E		K=H	1
6.9	16.2	A		N	2
6.9	18.4	A		N	1
6.7	18.8	I		K=H	2
6.3	19.1	A		N	1
6.3	20.2	A		N	1
6.3	20.3	A		N	2
6.2	20.7	A		N	2
6.5	23.4	A		N	2
7.5	10.7	A		K=H	1
7.8	11.2	A		N	3
7.9	12.0	A		N	2
8.0	15.6	F	1153	K=H	2
7.2	15.5	F	1154	K=H	2
8.0	17.4	H		K=H	2
7.3	19.3	A		N	1
8.0	21.9	H		N	1
7.2	23.1	A		K=H	1
8.2	5.6	A		N	1
9.0	8.5	F	1155	K=H	1
8.8	10.3	H		N	1

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1092phae.proj.878F

1905	No. A.G.C	R.A.	Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
	24513	17h 56.8m		10				
17 56.5	24514	17 56.6	-37° 15	9				
17 58.8	24576	17 58.7	-37 28	7.5				
17 59.1	24588	17 59.2	-37 26	7.8				
17 59.4	24592	17 59.4	-37 30	7.8				
18 0.4								
18 3.8								
18 7.0								
18 7.0								
18 7.3								
18 12.6								
18 14.0	24976	18 14.1	-37 32	6.9				
18 14.7								
18 17.1								
18 17.6								
18 18.5	25087	18 18.7	-37 12	8.5				
18 25.5	25277	18 25.4	-37 17	8				
17 53.2								
17 54.7	24459	17 54.6	-38 4	7.8				
17 56.5	24510	17 56.5	-38 6	9				
18 5.1	24742	18 5.3	-38 12	9				
18 5.3								
18 10.5	24877	18 10.4	-38 13	7.2				
18 15.5	25001	18 15.4	-37 49	8.8				
18 21.8	25170	18 21.9	-38 5	7.5				
18 24.5	25258	18 24.6	-37 39	8.2				
17 39.0								
17 47.2	24280	17 47.5	-38 36	8				
17 52.1	24391	17 52.3	-38 33	7.5				

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v	H	b.l.	Rem.	No.	H line	Int.
8.4	10.9	H			N	1
9.0	10.9	H			K=H	1
8.7	13.8	a			N	3
8.8	14.3	H			K=H	1
8.8	14.7	a			N	1
8.4	16.1	a			N	3
8.9	17.0	a			N	1
8.3	17.1	a			N	1
8.1	17.5	H			N	1
8.8	19.3	K			K=H	3
8.9	20.2	a			N	2
8.8	21.3	a			N	1
8.6	21.6	a			N	2
8.2	23.2	H		1156	K=H	2
9.2	9.6	a			N	2
9.8	9.8	a			N	2
9.8	9.9	a			N	3
9.3	10.3	a			N	2
9.7	10.7	H			K=H	1
10.0	10.8	H		1157	K=H	2
9.7	11.7	a			N	1
9.6	12.5	a			K=H	1
9.5	13.6	a			N	1
9.4	13.7	a			N	2
9.2	14.2	H			N	1
9.2	14.5	a			K=H	2
9.8	15.0	a			N	1
9.8	15.7	g			K=H	2

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1905	No. A.G.C	R.A.	Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
17 53.8 - 38.4	24434	17h 53m.6	−38° 21′	7.5				
17 53.8 - 38.8								
18 1.1 - 38.6	24631	18 1.0	−38 35	7.8				
18 2.8 - 38.7	24664	18 2.4	−38 38	8				
18 3.4 - 38.7								
18 6.8 - 38.6	24793	18 7.2	−38 26	7.8				
18 9.4 - 38.9								
18 9.4 - 38.6								
18 11.1 - 38.4								
18 15.3 - 38.8	25003	18 15.4	−38 43	5.6				
18 17.5 - 38.8	25064	18 17.7	−38 42	9.2				
18 20.4 - 38.6	25127	18 20.5	−38 30	9				
18 21.0 - 38.5	25149	18 21.2	−38 25	8.2				
18 25.8 - 38.2	25276	18 25.4	−38 10	7.8				
17 50.2 - 38.8								
17 50.6 - 39.0	24352	17 50.7	−39 5	7.1				
17 51.0 - 39.1	24358	17 51.0	−39 7	6.9				
17 52.1 - 38.9	24387	17 52.1	−38 49	8.2				
17 52.9 - 39.1	24414	17 53.0	−39 3	7.8				
17 53.4 - 39.3	24421	17 53.3	−39 14	7.2				
17 55.8 - 39.1	24487	17 55.6	−39 3	9.5				
17 58.0 - 39.0								
18 0.5 - 39.1								
18 1.0 - 39.0								
18 2.0 - 38.9								
18 2.6 - 38.9								
18 4.4 - 39.3								
18 6.0 - 39.3	24762	18 6.0	−39 11	7.8				

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1892phae.proj..878E

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Plate 3932

V.	H	Cl.	Rein	Nr.	Klinc	Int.
9.5	16.5	a		Nr		1
9.5	17.0	a		Nr		1
9.8	17.6	a		K=H		1
9.4	18.5	a		K=H		1
9.2	17.2	Ha?		Nr		1
9.6	18.9	a		Nr		3
9.4	19.8	?		K=H		2
9.8	19.9	a		Nr		1
9.8	21.7	a		Nr		3
9.5	21.8	a		Nr		1
9.5	22.1	a		Nr		2
9.4	23.7	a		Nr		3
9.4	23.8	a		Nr		1
11.0	8.5	Hδ		Nr		1
10.5	8.7	a		K=H		1
10.9	10.9	H		Nr		1
10.9	11.5	a		Nr		1
10.3	12.4	e		K=H		1
9.7	13.2	a		K=H		1
10.5	13.7	a		K=H		1
10.5	14.2	Hδ		Nr		1
10.2	15.4	a		Nr		2
10.2	15.5	a		Nr		3
10.1	15.8	a		Nr		2
10.8	15.5	a		Nr		2
10.9	15.8	Ca H	1155	K=H		2
11.0	16.7	a		Nr		1
10.7	17.5	H		Nr		1

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1992phae.proj.0705

1900	No A.G.C.	1900 R.A.	1900 Dec.	Magn.	L.D.M. No.	R.A.	Dec.	Magn.
8 1								
8 9.5								
8 11.0	24894	18	11.0	−39	8	8.8		
8 13.2								
8 10.0								
8 14.5	24979	18	14.3	−39	4	7.2		
8 16.8	25034	18	16.7	−38	55	7.8		
8 17.0								
8 21.3	25155	18	21.5	−39	3	6.0		
8 21.4	25161	18	31.6	−38	55	7.5		
8 22.0	25181	18	22.3	−38	55	7.4		
8 26.5	25305	18	26.5	−38	47	6.2		
8 26.9	25306	18	26.5	−38	48	6		
7 47.2								
7 47.8								
7 53.8	24431	17	53.5	−39	39	8.2		
7 55.4	24471	17	55.1	−39	39	9		
7 57.8	24535	17	57.3	−39	23	8.2		
7 59.5								
8 0.6								
8 2.0	24652	18	1.9	−39	30	7.8		
8 5.0	24739 / 24740	18	5.2	−39	22	8 / 8.8		
8 5.2	24744	18	5.5	−39	22	7.2		
8 6.2	24766	18	6.3	−39	17	7.8		
8 5.2								
8 6.3								
8 9.0								
8 10.9								

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1892phae.proj..878F

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Plate 3932

U. T.	Cl.	Rem.	Nr.	Plate	Int.
11.0	18.1	F	1159	K=H	1
10.9	19.7	H		K=H	1
11.0	20.4	a		K=H	1
11.9	6.0	F?	1160	K=H	4
11.6	6.4	a		K	2
11.8	7.0	a		N	3
11.4	9.5	E		K=H	1
11.3	10.2	a		K	1
11.8	11.4	E		K=H	1
11.5	11.7	E		K=H	1
11.3	13.4	H		N	1
11.3	13.7	a		N	1
11.3	13.9	a		K=H	1
11.9	14.8	F	1161	K=H	1
12.0	15.0	a		K	2
11.9	15.1	H		N	1
11.4	16.1	a		N	2
11.3	18.6	a		N	1
11.2	19.6	F	1162	K=H	2
11.4	21.5	a		N	1
11.3	23.1	a		N	3
11.6	23.4	F	1163	K=H	2
11.4	24.2	a		N	2
12.6	6.8	a		N	1
13.0	8.2	a		K=H	1
12.1	9.6	J		K=H	2
13.0	9.7	F	1164	K=H	1
12.8	11.2	F	1165	K=H	1

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1900	No. A.G.C	1900 R.A	1900 Dec.	Magn.	D.M. No.	R.A.	Dec.	Magn.
h m °								
17 12.4	- 39.9							
17 16.6	- 39.8							
17 18.2	- 39.9							
17 40.6	- 40.2	24107	17	40.5	-40	6	3.3	
17 42.9	- 40.0	~~24182~~	~~17~~	~~43.1~~	~~-40~~	~~4~~	~~5.6~~	
17 43.1	- 40.1	24182	17	43.1	-40	4	5.6	
17 49.5	- 40.1	24313	17	49.1	-40	17	9	
17 51.3	- 40.2							
17 54.5	- 40.3	24444	17	54.2	-40	20	8.2	
17 55.1	- 40.3							
17 59.1	- 40.1	24606	17	59.7	-40	5	8.8	
18 0.1	- 40.1	24610	17	59.9	-40	5	9	
18 0.9	- 40.1							
18 3.0	- 40.3							
		24706	18	3.8	-40	27	8.8	
18 4.0	- 40.4	24707					8.5	
18 4.5	- 40.3	24720	18	4.4	-40	20	8	
18 7.0	- 39.9							
18 13.1	- 40.0							
18 16.0	- 39.9							
18 20.8	- 40.0							
18 25.2	- 39.8	25274	18	25.4	-39	46	5.6	
18 25.9	- 39.9	25291	18	26.0	-39	58	6.9	
18 28.3	- 39.9	25348	18	28.3	-39	46	7.6	
17 40.2	- 40.4	24082	17	39.9	-40	21	7.8	
17 46.0	- 40.8							
17 49.5	- 40.4	24326	17	49.8	-40	22	8.2	
17 49.7	- 40.9							
17 51.2	- 40.7							

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V H Cl. Rün.			Klinc Inst.		
13.0	10.6	a		N	1
12.2	11.2	a		N	2
13.0	11.7	a	1166	K=H	1
12.4	12.5	a		N	3
12.4	14.2	a		K=H.	1
12.4	14.9	a		K=08H	2
12.4	13.6	a		N	1
12.4	15.2	a		N	1
12.5	16.9	a		N	3
12.4	17.0	a		N	1
12.4	17.9	a		K=H	1
12.1	18.5	a		K=H	1
12.5	18.8	a		N	1
12.5	19.4	a		K=H	1
13.5	5.9	a		N	1
13.2	7.6	a		K=H	2
13.9	8.5	a		N	1
13.2	9.6	a		N	2
13.8	10.8	a		K=H	1
13.2	12.6	a	1164	K=H	1
13.4	15.9	a		K=H	2.
13.3	16.5	a		N	1
13.1	19.1	a		N	2
14.0	19.3	a		K=H	1
13.8	21.2	a		N	1
13.8	21.5	a		N	1
14.0	22.6	a	1168	K=H	1
14.6	6.4	a		K=H	1

Ask Mrs. F.

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1905	A.G.C. R.A.	Dec.	Magn.	G.D.M. No.	R.A.	Dec.	Magn.
h m		° ′					
17 52.0		-40 0.8					
17 53.9		-40.4	24439	17 53.9	-40 6	8.5	?
17 55.0		-40.9					
17 57.4		-40.8	24543	17 57.6	-40 38	7.8	
18 2.0		-40.8					
18 3.7		-40.6					
18 0.5		-40.6					
18 5.1		-40.6					
18 8.3		-40.7					
18 8.7		-40.8					
18 11.8		-40.7	24913	18 11.9	-40 29	8.2	
18 13.4		-40.5	24957	18 13.5	-40 19	8.2	
18 14.1		-40.7					
18 16.9		-40.7					
17 40.0		-40.9	24090	17 40.1	-40 49	9.2	
17 44.5		-40.8	24218	17 44.6	-40 45	6.5	
17 47.0		-41.1					
17 49.9		-40.9					
17 52.8		-40.9	24412	17 53.0	-40 51	8.5	
17 57.7		-40.9					
18 6.6		-41.1	24773	18 6.6	-41 9	8.2	
18 8.0		-41.0					
18 15.1		-41.2					
18 21.0		-41.0					
18 21.6		-41.0					
18 24.5		-41.1					
17 42.2		-41.6					

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C H 6l. Rev. No. Klinc Dist.

14.5	6.9	a	N	2
14.4	7.0	Ft	K=H	1
14.5	7.1	Ft	K=H	1
14.9	7.2	H	N	1
14.8	10.0	f	K=H	3
14.4	10.7	a	N	3
14.3	13.0	E	K=H	2
14.9	13.2	a	K=0.3H	3
14.7	13.5	a	N	2
14.1	15.0	a	K=H	3
14.9	14.9	a	N	1
14.9	15.4	a	N	2
14.1	15.7	B	N	3
14.7	16.8	Ft	K=H	2
14.8	19.7	H	K=H	1
14.3	20.2	a	N	1
14.1	22.2	a	K=H	1
14.4	23.6	a	N	2
15.4	7.4	a	N	1
15.2	7.2	a	N	1
15.5	8.2	Ft	K=H	3
15.4	9.8	a	N	3
15.4	10.1	f	K=H	2
15.9	10.8	E	K=H	1
15.5	11.1	Ft	K=H	1
16.0	11.7	a	N	1
15.4	12.6	a	N	2
15.3	14.1	a	N	2

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1900	A.G.C. R.A	Dec.	Magn	No.	1900 R.A.	Dec.	Magn.
h m	° ′						
17 42.2	- 41.6						
17 42.4	- 41.5						
17 42.8	- 41.5						
17 43.5	- 41.7	24184		17 43.3	-41	40	9.5
17 50.4	- 41.7	24348		17 50.7	-41	42	5.3
17 52.4	- 41.5	24400		17 52.6	-41	28	7.4
17 58.6	- 41.5						
17 59.0	- 41.9	24589		17 59.3	-41	45	8.5
17 59.4	- 41.8	24590		17 59.4	-41	46	8
18 4.0	- 41.4	24713		18 4.0	-41	23	6.2
18 3.9	- 41.8						
18 5.3	- 41.9	24741		18 5.4	-41	44	8.5
18 6.0	- 41.4	24763		18 6.2	-41	22	6.2
18 9.0	- 41.7	24834		18 9.1	-41	39	8.5
18 17.1	- 41.7	25039		18 17.0	-41	39	8
18 18.2	- 41.4						
18 23.7	- 41.2						
18 27.1	- 41.3						
17 43.8	- 41.9						
17 42.6	- 41.8						
17 45.8	- 41.9	24241		17 45.7	-41	58	6.8
17 49.9	- 42.1	24332		17 50.1	-41	57	7.7
17 51.0	- 41.0						
17 52.5	- 42.4						
17 53.5	- 42.1	24430		17 53.6	-42	0	8.5
17 55.0	- 42.7						
17 57.4	- 42.0						
18 1.5	- 42.0	24640		18 1.5	-41	57	7.5

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v	H	Cl.	Rem.	No.	Kline	Int.
15.5	14.3	a			K=H	1
15.4	15.1	e			K=H	1
16.0	15.6	F		1175	K=H	2
15.3	16.1	a			N	2
16.0	17.2	a			N	1
16.0	17.4	B_7		1176	N	3
15.4	19.9	a			K=H	1
15.4	21.2	a			N	1
15.6	22.3	a			K=0.2H	3
16.0	22.5	a			N	1
15.2	22.6	a			N	1
16.2	4.3	a			N	2
16.2	4.5	H			K=H	2
16.1	9.4	a			K=0.3H	3
16.5	10.3	e			K=H	1
17.0	10.4	H			N	1
16.4	12.3	a			K=H	1
16.4	13.3	H			N	1
16.9	13.5	a			K=0.3H	2
16.4	14.2	a			N	3
16.2	14.5	h			N	1
16.2	14.7	G			K=H	1
16.4	15.1	a			K=0.4H	2
16.8	16.3	a			N	1
16.3	18.4	F		1174	K=H	1
17.0	18.5	F		1176	K=H	1
16.8	18.7	a			K=H	1
16.9	19.0	a			N	1

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1900	A.G.C. R.A	Dec.	Magn.	No.	1900 R.A.	1900 Dec.	Magn.
h	m	°			h m	° ′	
18	1.9	−42.2		24655	18 2.2	−42 0	8.5
18	4.5	−42.3					
18	5.6	−42.5					
18	7.0	−42.0		24787	18 7.2	−41 56	7.8
18	10.0	−42.4		24864	18 10.0	−42 31	10
18	11.5	−42.4		24904	18 11.5	−42 20	6.7
18	17.8	−42.2		25057	18 17.6	−42 4	7.8
18	20.4	−42.1					
18	23.9	−41.9		25233	18 24.0	−41 59	6.3
18	24.0	−42.2		25247	18 24.4	−42 10	8
18	24.4	−41.8		~~24487~~	~~18~~		8
17	43.5	−42.3		24187	17 43.4	−42 17	8
17	44.0	−42.3		24195	17 43.7	−42 18	7.0
17	48.7	−42.4		24310	17 48.9	−42 18	7.8
17	51.2	−42.6		24367	17 51.4	−42 28	8.8
17	51.5	−42.9					
17	56.5	−42.6					
17	59.2	−42.6					
17	59.6	−42.8					
18	1.5	−42.7		24644	18 1.7	−42 40	7.2
18	2.5	−42.5					
18	4.0	−42.5					
18	4.5	−42.8		24724	18 4.6	−42 40	7.8
18	7.8	−42.8					
18	13.5	−42.5		~~24974~~	~~18 14.1~~	~~−42 37~~	~~8.8~~
18	14.0	−42.8		24969	18 13.9	−42 44	9
18	14.1	−42.7		24974	18 14.1	−42 37	8.8
18	15.0	−42.8		24992	18 15.0	−42 39	9.2

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V	H	Cl.	Rem.	Klein	Dist	
~~16.9~~	~~19.0~~	~~a~~		~~N~~	~~1~~	
16.8	19.2	H		N	1	
16.5	19.4	a		N	2	
16.2	19.5	b		K=H	2	
16.5	19.6	F	1179	K=H	2	
16.1	20.1	a		N	2	
16.7	20.5	H		N	1	
17.0	20.7	H		N	1	
16.5	22.8	a		K=H	1	
16.4	23.2	F		K=H	3	
18.0	8.0	a		K=H	2	
17.3	8.5	a		N	2	
17.4	9.0	a		K=H	2	
17.9	9.1	b		N	1	
17.3	11.8	H		K=H	1	
17.6	15.1	a		N	2	
17.8	15.8	F		K=H	2	
17.8	16.1	F	1180	K=H	2	
17.8	16.6	a		N	3	
17.7	17.3	a		N	1	
17.4	17.6	F	1181	K=H	1	
17.5	19.0	H		N	1	
17.9	19.2	a		N	1	
17.2	19.4	a		K=H	1	
17.4	19.5	H		N	1	
17.5	20.4	a		N	1	
19.0	18.6	H		K=H	1	
19.0	18.7	a		K=H	1	

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1900	A.G.C	No.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
h m °						h m °			
18 15.8	−42.7	25008				18 15.6	−42 39		8.5
18 ~~16.0~~	~~−42.9~~								
18 16.3	−42.5	25025				18 16.4	−42 23		7.5
18 16.3	−42.5	25021				18 16.2	−42 28		8.2
18 16.4	−42.3								
18 19.0	−42.6	25097				18 19.3	−42 35		7.5
18 19.6	−42.8	~~25097~~				~~18 19.3~~	~~−42 35~~		~~7.5~~ ?
18 25.0	−42.5								
18 26.2	−42.4	25297				18 26.4	−42 23		5.1
17 45.0	−43.2								
17 46.5	−43.0								
17 47.5	−43.0								
17 47.5	−43.3								
17 54.7	−43.0	24473				17 55.2	−42 54		8.2
18 4.5	−43.2	24725				18 4.6	−43 6		8
18 6.5	−43.3	24771				18 6.6	−43 14		7.2
18 7.0	−43.3	24783				18 7.1	−43 11		8.5
18 8.5	−43.3	24822				18 8.6	−43 12		7
18 10.4	−43.2								
18 11.0	−43.0								
18 15.2	−43.0	24997				18 15.2	−42 59		8.8
18 16.0	−43.3								
18 16.0	−42.9	25017 25018				18 16.1	−42 50		8.5 8.8
18 16.3	−43.0	25023				18 16.3	−42 58		8.5
18 19.0	−43.0	25091				18 19.0	−43 6		9.2
18 13.7	−43.8	24968				18 13.8	−43 50		7.2
17 52.5	−43.9								

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V	H	Cl.	Rem	K line	Int.	
18.4	12.0	G		K=H	1	
18.2	13.4	a		K=0.5H	4	
18.2	13.7	H		K=H	2	
18.9	13.8	?	1182	K=H	1	
18.4	15.3	Hb	-	N	1	
19.0	15.9	a		N	2	
18.7	17.0	H		N	1	
18.5	17.2	a		N	2	
18.1	18.5	a		N	1	
19.0	18.4	a		K=0.2H	3	See 19.0 18.6 on page 114. What error?
18.8	20.5	F		K=H	2	No star. Wrong means?
19.9	6.9	a		N	1	
19.2	20.7	a		N	1	No star. Wrong means?
19.8	13.6	Ft	1183	K=H	1	
19.8	16.6	G		K=12H	3	
19.7	18.2	Fia		N	1	
19.7	19.6	a		N	4	
20.0	19.7	Ft	1184	K=H	1	
19.9	20.1	Ft	1185	K=H	1	
20.0	20.5	a		N	1	
19.4	21.4	G		K=H	2	
19.5	21.8	Ft	1186	K=H	2	
19.3	22.2	a		N	2	
20.1	19.8	K		K=H	3	No star, wrong means?
20.6	10.6	a		K=H	1	
20.6	11.9	Ft	1187	K=H	1	
20.8	12.7	Ft	1188	K=H	1	
20.6	15.0	a		N	2	

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1900	No. A.G.C	1900 R.A	1900 Dec.	Magn	D.M. No.	R.A.	Dec.	Magn.
h m 17 55.9	-43.5	24489	h m 17 55.8	-43 27				7.8
17 59.4	-43.5	24598	17 59.6	-43 26				5.6
18 0.4	-43.5	24614	18 0.4	-43 24				8
18 0.6	-43.8							
18 4.7	-43.5	24734	18 5.1	-43 27				8.8
18 6.5	-43.9							
18 9.7	-43.7							
18 10.2	-43.6	24872	18 10.3	-43 32				9
18 13.7	-43.4	24960	18 13.5	-43 32				9
17 41.2	-44.2	24117	17 41.3	-44 19				8.5
18 0.0	-44.3							
18 8.5	-44.3	24818	18 8.6	-44 14				5.9
18 13.1	-44.2	24941	18 13.2	-44 7				7.2
18 17.1	-44.2	25040	18 17.0	-44 9				5.7
18 17.2	-44.3							
18 18.6	-44.3							
18 20.0	-44.3	25107	18 19.6	-44 11				8.5
18 22.0	-43.9	25166	18 21.9	-43 54				6.9
18 22.5	-43.9	25192	18 22.8	-43 53				7.8
18 24.0	-43.9	25234 25236	18 24.0	-43 48 54				7.5 8
17 52.0	-44.6	24372	17 51.7	-44 31				9
17 55.6	-44.7	24472	17 55.2	-44 33				8.8
17 57.5	-44.8	24541	17 57.5	-44 40				8.5
18 4.0	-44.7							

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δ	H	Cl.	Rim.	Nr.	Klein	Int.
20.7	15.7	H			N	1
20.6	16.0	a			N	1
20.6	17.1	a			K=H	1
20.8	19.9	E			K=H	1
21.4	9.5	H			N	1
21.0	9.6	H			N	1
21.8	9.4	a			N	2
21.3	14.5	F			K=H	2
22.0	14.4	a			K=H	1
21.4	17.4	a			N	1
22.7	6.6	a			N	2
22.7	8.1	E			K=H	2
22.8	9.6	a			N	1
22.4	10.3	a			K=H	2
23.0	11.4	H			K=H	1
22.9	11.7	a			K=H	1
22.6	12.2	a			K=H	1
22.6	12.6	a			N	1
22.6	12.7	H			N	1
22.9	14.0	a			N	3
22.6	16.1	H			N	1
22.3	17.7	a			N	1
22.1	18.0	F		1189	K=H	1
22.9	18.8	F		1190	K=H	2
22.7	19.1	a			N	1
23.9	5.7	a			N	2
23.3	14.3	F		1291	K=H	1
23.2	14.6	a			N	2

Marginal note beside the row 22.7 19.1: No star wrong measure?

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1900		A.G.C. No.	R.A. 1900	Dec. 1900	Magn.	L.D.M. No.	R.A.	Dec.	Magn.
18	6.5 −44.9	24774	18 6.6	−44 41	8	?			
18	7.1 −44.8								
18	10.0 −44.7	24863	18 10.0	−44 36	8.8				
18	18.2 −44.8	25068	18 18.0	−44 38	7.8	?			
17	~~48.5 −45.1~~ 49.0 −44.9	24299	17 48.4	−44 54	8.2				
17	48.9 −44.9	24305	17 48.7	−44 41	8.8	?			
17	48.5 −45.1								
18	2.1 −45.0	24663	18 2.4	−44 58	7				
18	2.2 −45.3								
18	10.6 −45.1								
17	40.0 −45.5	24093	17 40.2	−45 28	7.5				
17	44.2 −45.6	24207	17 44.3	−45 35	6.6				
17	48.6 −45.8	24303	17 48.6	−45 34	8.5	?			
17	50.6 −45.5	24346	17 50.7	−45 26	8				
17	54.0 −45.9	24435	17 53.8	−45 49	8.5				
17	55.0 −45.8								
17	56.0 −45.7	24490	17 55.9	−45 36	8.5				
17	56.7 −45.7								
17	57.4 −45.7								
18	1.0 −45.8	24630	18 1.1	−45 47	7				
18	7.6 −45.6	24792	18 7.3	−45 38	8				
18	11.5 −45.5								
18	12.1 −45.3								
18	15.5 −45.7								
17	36.5 −46.1								
18	1.9 −46.0	24650	18 2.1	−45 57	7.5				
18	2.5 −46.0	24671	18 2.7	−45 55	7.8				

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January 15, 1893

Plate 3932

	α δ	Cl	Rem.	No. K line	Int.
	23.2 15.0	S		K=H	3
	23.6 15.1	Ȧ		N	1
	22.8 15.5	Ȧ		K=H	1
	23.5 16.6	Ȧ		K=0.5H	2
	23.5 20.4	Ȧ		N	5
	23.6 22.1	Ȧ		N	3
	23.2 22.2	Ȧ		N	3
	24.4 12.6	Ȧ		N	1
	24.1 15.8	Ȧ		N	3
1h 00m	24.1 17.9	Ȧ		N	2

1892phae.proj..878F

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1900		No. G.C.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
h	m			°			h m	° ′	
18	3.5			-45.9		24703	18 3.9	-45 58	5.2
18	4.5			-46.1					
18	5.7			-45.7		24743	18 5.7	-45 42	9
18	9.0			-46.1		24825	18 8.8	-46 4	7.8
18	19.5			-46.1		25105	18 19.6	-46 1	3.5
18	24.5			-45.9		25243	18 24.4	-45 59	5.7
18	24.6			-45.8		25255	18 24.7	-45 49	5.7
17	57.0			-46.5					
18	6.5			-46.4		24765	18 6.4	-46 20	7.5
~~18~~	~~13.0~~			~~-46.4~~		~~24934~~	~~18 12.8~~	~~-45 58~~	~~7.5~~

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1892phae.proj..878F

R.A 21h 24m Dec. — 41.5

January 16. 1893

Plate 3935

23h 20m

V.	H.	Col.	Rem.	Nr.	Klinedinst.
3.5	8.6	a		N	1
4.9	9.3	f		K=H	2
4.4	17.9	f	1192	K=H	2
4.3	21.5	a		N	1
6.0	6.4	a	1193	K=H	2
5.4	8.3	f		K=H	3
5.6	15.3	f	1194	K=H	2
5.5	16.8	f		K=H	1
7.0	6.5	a		N	3
7.8	6.6	a		K=H	1
7.8	12.5	a		K=0.5H	2
8.0	13.6	f		K=H	3
7.3	14.6	f		N	1
7.8	15.0	f	1195	K=H	2
6.8	24.2	f		N	1
7.5	24.4	a		N	4
8.4	6.8	f		K=H	2
8.5	5.8	a		N	1
8.8	11.6	a		K=H	1
8.9	14.1	f		N	1
8.6	14.8	f	1196	K=H	2
8.4	19.8	a		K=H	2
8.5	21.9	f		K=H	2
10.0	6.2	f	1197	K=H	2
9.6	8.8	a		K=H	1
10.0	10.2	f		K=H	2
9.9	11.4	f		K=H	1
10.0	14.4	f	1198	K=H	1

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1892phae.proj.:878F

1900			No.	1900	1900		
	A.G.C	R.A	Dec.	Magn.	L.L.M.No.	R.A.	Dec.	Magn.
h m		°						
21 8.0		−36.1						
21 9.5		−36.7	29147		21 9.6	−36	38	6.5
21 30.6		−36.4	29579		21 30.7	−36	20	8.5
21 40.7		−36.3	29767		21 40.8	−36	10	8
21 3.2		−37.1	28994		21 3.1	−37	6	6.7
21 7.2		−36.9	29084		21 7.1	−36	50	6.2
21 24.7		−37.0	29470		21 24.8	−37	0	6.9
21 28.6		−37.1	29526		21 28.5	−37	5	6.9
21 2.2		−37.7	28972		21 2.4	−37	39	6.9
21 0.2		−38.1	28906		21 0.0	−37	59	7.5
21 17.2		−38.3	29304		21 17.4	−38	10	7.8
21 20.2		−38.4	29358		21 20.2	−38	16	6.0
21 23.0		−37.9	29412		21 22.7	−37	51	8
21 23.9		−38.2	29448		21 23.7	−38	8	7.2
21 47.0		−37.4	29921		21 47.2	−37	22	7.0
21 47.6		−37.8	29935		21 47.9	−37	50	3.0
21 3.2		−38.4	28989		21 3.0	−38	20	7.2
21 5.5		−38.5	29047		21 5.8	−38	35	9
21 15.2		−38.8						
21 21.5		−38.9						
21 23.5		−38.9	29438		21 23.5	−38	47	8.2
21 36.5		−38.4	29685 29689		21 36.3	−38	23	7.5 8.2
21 41.5		−38.5	29780		21 41.5	−38	25	7.3
21 1.4		−39.2	28940		21 1.1	−39	5	7.2
21 8.0		−39.1						
21 11.5		−39.3	29191		21 11.5	−39	15	7.3
21 14.6		−39.3						
21 23.4		−39.4	29423		21 23.1	−39	16	8.2

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January 16, 1893

Plate 3935

V	H	Cl.	Rem.	K Rem.	Int.	
9.1	14.8	T	1199	K=H	1	
9.4	15.2	T	1200	K=H	2	
9.4	17.4	T	1201	K=H	1	
9.6	20.5	G		K=H	2	
9.5	20.4	A		K=0.3H	2	
9.4	21.2	E		K=H	1	
10.0	21.3	T	1202	K=H	1	
10.0	22.4	E		K=H	1	
11.2	8.4	T	1203	K=H	3	
10.5	10.0	T	1204	K=H	1	
10.7	10.5	A		N	1	
11.0	10.8	H		N	1	
10.8	13.3	A		N	2	
10.9	15.6	H		N	1	
11.3	9.4	E		K=H	1	
11.9	12.5	T	1205	K=H	2	
11.4	16.4	E		K=H	1	
11.5	18.4	H		N	1	
11.6	21.8	A		K=0.5H	2	
12.4	7.6	T	1206	K=H	1	
12.9	16.2	T	1207	K=H	8	
12.3	8.9	H		N	1	
12.8	12.5	A		K=H	2	
12.4	12.4	T	1208	K=H	2	
13.0	17.3	Lua?		N	1	
13.3	9.4	S		K=H	2	
13.3	11.3	T	1209	K=H	1	
13.8	11.5	A		K=0.1H	4	

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1092phae.proj.0781

1900	A.G.C. No.	R.a 1900	Dec. 1900	Mag.	C.D.M. No.	R.A.	Dec.	Mag.
h m °								
21 23.7 −38.9								
21 24.7 −39.1	29462	21	24.5	−39	5			7.5
21 30.5 −39.2								
21 38.2 −39.0	29726	21	38.3	−39	0			6.5
21 39.0 −38.9	29735	21	38.8	−38	54			7.3
21 40.0 −39.0								
21 40.5 −39.3	29758	21	40.3	−39	11			8.5
21 44.4 −39.1	29845	21	43.9	−39	4			7.8
21 6.5 −39.8	29075	21	6.6	−39	50			5.7
21 11.0 −39.5	29181	21	11.0	−39	28			7.8
21 12.2 −39.7								
21 13.2 −39.8								
21 19.5 −39.8								
21 33.9 −39.8								
21 9.2 −40.0	29135	21	9.2	−39	53			8.8
	29137				52			8.5
21 17.5 −40.3	29303	21	17.4	−40	13			7.8
	29305				14			8.8
21 28.7 −40.1								
21 33.2 −40.1								
21 41.9 −40.1								
21 4.5 −40.5	29022	21	4.3	−40	23			8
21 5.6 −41.8	29048	21	5.8	−40	40			6.1
21 7.7 −40.4	29100	21	7.8	−40	23			7.8
21 17.3 −40.7								
21 17.9 −40.5	29310	21	17.7	−40	28			7.8
21 30.5 −40.8	29567	21	30.2	−40	46			7.5
21 9.0 −40.9	29123	21	8.8	−40	55			6.6
21 14.1 −40.9								
21 14.5 −41.2	29248	21	14.4	−41	14			4.8

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1892phae.proj..878F

January 16. 1893

Plate 3935

V. H. Cl. Rem Nv. Kluge Inst.

14.4	11.0	a		K=H	2	21
14.2	12.9	a		K=a,1 H	3	21
14.6	15.6	f		K=H	3	21
14.5	16.1	a		N	1	21
14.7	18.8	f		K=H	2	21
15.2	6.1	f		K$_0$=H	2	20
15.3	12.5	e		K$_0$=H	1	21
15.7	13.3	blur		N	1	21
16.5	23.3	H		K=H	2	21
16.2	13.0	a		K=H	1	21
16.4	13.8	H		N	1	21
16.8	20.0	H	1210	K=H	2	21
16.8	20.3	e		K=H	1	21
16.0	9.2	H	1211	K=H	1	21
17.7	9.3	H		N	1	21
17.3	13.9	a		K=a,1H	4	21
16.0	16.4	f		K=H	3	21
17.2	16.4	a		K=H	3	21
19.7	7.7	a		N	3	21
16.5	9.0	H		K=H	1	21
18.8	10.7	g		K=H	2	21
18.6	18.4	g		K=H	2	21
18.7	22.9	H		N	1	21
18.5	23.2	H	1212	K=H	1	21
19.5	6.0	H		N	1	20
19.5	11.3	H	1213	K=H	1	21
19.4	11.5	a		N	1	21
19.8	13.49	19.8	15.4	H 1214	K=H	1 21

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1992phae.proj..878F

1900	A.G.C. R.A.	Dec.	Magn.	No.	1900 L.D.M.	1900 R.A.	Dec.	Magn.
h m		°			h m		° ′	
21	13.0	−41.5		29225	21	13.1	−41 29	7.2
21	18.0	−41.5		29314	21	18.0	−41 26	6.1
21	25.7	−41.7		29482	21	25.8	−41 38	5.7
21	32.2	−41.5		29607	21	32.4	−41 30	8
21	34.0	−41.6		29648	21	34.2	−41 38	7
20	59.6	−41.8		28904	20	59.9	−41 47	6
21	17.0	−42.0		29296	21	17.0	−41 59	8.2
21	19.0	−42.2		29335	21	19.1	−42 8	8
21	46.6	−41.9		29900	21	46.2	−41 53	7.3
21	18.5	−42.5		29317	21	18.3	−42 26	8.5
21	20.7	−42.5		29365	21	20.4	−42 31	8.5
21	37.9	−42.7						
21	38.5	−42.6		29729	21	38.5	−42 35	8
21	7.5	−43.4		29086	21	7.2	−43 32	7.2
21	8.0	−43.2		29108	21	8.0	−43 6	8
21	21.0	−42.9		29368	21	20.6	−42 57	6
21	27.5	−43.4		29514	21	27.9	−43 23	6.5
21	33.4	−42.9		29630	21	33.4	−42 53	6.6
21	3.5	−43.8		29002	21	3.6	−43 47	6.7
21	7.0	−43.6						
21	11.5	−43.7		29197	21	11.9	−43 45	6.9
21	33.3	−43.6		29633	21	33.5	−43 35	6.7
21	46.4	−43.6						
21	46.7	−43.4		29907	21	46.5	−43 19	8.5
20	58.5	−44.0		28878	20	59.0	−43 55	7.4
21	13.5	−44.1						
21	14.0	−44.0						
21	19.4	−44.2		29339	21	19.3	−44 13	8

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Plate 3935
D H Cl. Rem. Kluis Int.

19.2 14.9 J. K=H 2
20.0 17.2 A 1215 K=H 1
19.4 19.5 A 1216 K=H 3
19.5 22.0 H K=H 1
20.8 7.6 J K=H 2
20.4 11.0 E K=H 1
20.4 15.0 H K=H 2
21.4 9.3 H. N 1
21.4 9.5 A 1214 K=H 1
22.0 13.7 G
~~22.0 22.0 G~~ 1218 K=H 1
21.9 13.8? 22.9 13.6 Ria N 1
21.9 16.0 K K=H 3
21.5 18.2 a K=H 1
22.9 10.8 a N 2
22.2 11.4 N N 2
22.6 13.2 a K=0.2H 3
22.5 21.1 a K=H 2
22.4 6.2 H N 1
23.2 7.0 a N 2
23.9 9.3 Rig? N 1
23.9 11.6 A 1219 K=H 1
23.6 17.5 A 1220 K=H 2

Plate 4111 R.A. 22h 47m Dec. -41.°7

4.0 15.8 a K=H 1
4.9 17.2 J N 1
4.0 20.2 J K=H 1

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1992phae.proj..878F

1900	A.G.C. No.	R.A. 1900	Dec. 1900	Magn.	C.D.M. No.	R.A. 1900	Dec. 1900	Magn.
h m °		h m °				h m °		
21 23.7	−44.0	29432	21	23.4	−43 57	7.1		
21 30.0	−44.4	29565	21	30.1	−44 17	8		
21 36.5	−43.9	29694	21	36.7	−43 57	6.6		
21 44.2	−44.0	29842	21	43.9	−43 54	8		
21 3.0	−44.6	28991	21	3.1	−44 37	6.8		
21 12.5	−44.6							
21 23.5	−44.6	29449	21	23.7	−44 31	7.4		
21 7.9	−45.0	29096	21	7.7	−44 54	8		
21 8.5	−45.1	29115	21	8.5	−44 57	8		
21 19.5	−45.3	29353	21	20.0	−45 17	8.2		
21 20.1	−45.3	29364	21	20.4	−45 15	8		
21 26.5	−45.3	29495	21	26.9	−45 18	6.0		
21 33.0	−45.2	29623	21	33.1	−45 2	8	?	
21 11.6	−45.8	29194	21	11.8	−45 43	7.6		
21 13.5	−45.4	29232	21	13.6	−45 27	6.0		
21 19.0	−45.6	29329	21	18.9	−45 36	6.9		
21 41.5	−45.5	29779	21	41.5	−45 27	8		
20 59.0	−45.4	28881	20	59.0	−45 21	7.2		
21 1.2	−45.8	28935	21	1.1	−45 47	6.6		
21 7.5	−46.2	29095	21	7.6	−46 12	7.0		
21 14.0	−46.3	29241	21	14.3	−46 14	7.4		
21 31.0	−46.1	29589	21	31.2	−46 1	7.0		
22 46.1	−36.5	31110	22	46.1	−36 25	7.0		
22 49.4	−36.9	31168	22	49.6	−36 55	6.6		
22 57.2	−36.9	31304	22	57.0	−36 57	6.6		

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January 16, 1893

Plate 4111

D. H. Cl. Rem. No. Klinic Int.

6.9	19.4	A.		N	1
4.6	14.4	Fl	12.21	K=H	1
8.0	18.2	H		N	1
9.0	10.6	I		N	1
8.5	14.3	Fl	1222	K=H	2
9.6	9.5	Fl	1223	K=H	1
10.0	15.9	H		N	1
9.1	20.3	H		N	1
9.9	21.4	a		N	3
10.4	6.9	K		K=H	3
10.3	10.9	H		K=H	2
10.2	15.5	K		K=H	3
10.8	16.4	H		N	1
11.4	10.5	Fl	1224	K=H	3
11.2	19.4	Fl	1225	K=H	1
12.3	12.9	H		N	1
13.1	10.0	a		K=0.2H	3
12.1	10.2	a		K=0.2H	3
13.5	13.2	H		K=H	2
14.0	17.3	I		K=H	2
13.6	20.3	H		N	1
13.2	22.8	Ma		N	2
14.6	12.8	g		K=H	3
14.3	19.0	H		K=H	2
14.9	20.3	g		K=H	3
14.3	24.0	a		K=H	1
14.5	24.5	g		K=H	2
15.1	5.4	Fl	1226	K=H	2

Where is this star?

V=13.1 ?

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1892phae.proj.878F

1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	G.D.M. No.	R.A.	Dec.	Magn.
h m °		h m °						
22 55.5 −38.0	31278	22 55.4	−37 54	8.2				
22 42.5 −38.4	31043	22 42.4	−38 17	8				
22 52.5 −38.5	31217	22 52.3	−38 28	7				
22 33.2 −39.0	30853	22 33.2	−39 0	6.7				
22 42.2 −38.8	31035	22 42.1	−38 45	6.8				
22 29.7 −39.3	30791	22 29.8	−39 14	7.8				
	30792			10				
22 46.5 −39.5	31114	22 46.4	−39 29	7.5				
22 57.5 −39.1	31324	22 57.9	−38 58	7				
23 1.0 −39.5	31383	23 1.3	−39 26	5.7				
22 23.0 −39.7	30641	22 22.8	−39 38	5.8				
22 33.2 −39.7	30852	22 33.2	−39 40	6.9				
22 45.3 −39.7	31099	22 45.3	−39 41	5.8				
22 48.0 −40.1	31137	22 47.8	−39 57	7.2				
22 32.0 −40.4	30830	22 32.0	−40 22	6.6				
22 56.2 −40.3								
22 30.4 −41.1	30805	22 30.7	−41 6	6.4				
22 31.0 −41.1	30814	22 31.2	−41 6	6.0				
22 39.1 −41.3	30962	22 39.1	−41 17	7.0				
22 50.1 −41.7	31177	22 50.2	−41 38	6.8				
22 58.0 −41.4	31331	22 58.1	−41 21	6.9				
23 4.5 −41.2	31441	23 4.6	−41 8	6.2				
22 37.5 −41.9	30930	22 37.7	−41 56	5.2				
22 54.6 −41.7	31258	22 54.7	−41 41	6.9				
22 58.2 −42.1	31337	22 58.4	−42 1	6.0				
23 7.9 −41.5	31505	23 8.0	−41 29	9				
	31506			8				
23 9.4 −41.7	31523	23 9.4	−41 39	6.1				
22 18.5 −41.9	30568	22 18.7	−41 56	6.7				
	30569			8.5				

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1892phae.proj..878F

January 16, 1893

Plate 4111

		& H 6h.	Rem.	No.	Kline Ent.	
	15.3	14.1	H		K-H	2
	15.6	16.8	A		N	1
16.7	16.9	8.9	A		N	2
	17.0	17.3	A		K=0.4H	2
	17.5	16.0	A		K=H	1
	17.9	22.4	P	1229	K=H	3
	19.0	17.9	I		K=H	3
	16.5	8.7	H		K=H	3
	16.9	10.3	P	1228	K=H	2
What is this star?	16.8	15.5	H		K=H	2
	18.2	20.0	P	1229	K=H	1
	18.1	20.6	H		N	1
	18.2	20.8	A		N	1
	19.0	21.2	P	1230	K-H	3
	19.4	17.9	Neb		N	3
	20.2	8.3	A		N	3
	20.3	12.6	I		K=H	3
	20.7	15.0	A		N	1
	21.4	9.4	H		K=H	2
	21.8	14.3	P	1231	K=H	2
	21.7	19.3	P	1232	K-H	2
	22.1	16.2	H		N	1
	22.2	17.9	A		K=H	1
	22.3	18.3	A		N	2
	22.4	19.0	H		N	1
	22.5	19.6	P	1233	K=H	2
What is this star?	22.5	12.3	7		K=H	3

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1892phae.proj.878F

1900	A.G.C	No.	R.A. 1900	Dec. 1900	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
22h 41.1m	−42.3°	31012	22h 41.4m	−42° 13′	7.2				
22 48.7	−42.5	31149	22 48.8	−42 22	8.2				
22 24.2	−42.8	30672	22 24.3	−42 48	6.9				
22 50.5	−43.3	31176	22 50.2	−43 5	8	?			
22 46.5	−43.5								
23 4.2	−43.5	31437	23 4.4	−43 24	6.1				
22 23.0	−44.0	30647	22 23.3	−44 0	4.2				
22 26.0	−43.8	30712	22 26.3	−43 46	7.5				
22 30.6	−43.9	30807	22 30.8	−43 59	7.0				
22 57.5	−43.7	31321	22 57.8	−43 37	7.8				
22 59.2	−43.6	31357	22 59.4	−43 34	7.8				
23 0.0	−43.6	31368	23 0.1	−43 37	7				
23 1.1	−44.1	31380	23 1.2	−44 4	4.2				
22 23.5	−44.3	30657	22 23.8	−44 15	4.4				
22 24.5	−44.7	30676	22 24.7	−44 36	7.5				
22 36.7	−44.8	30916	22 36.9	−44 46	6.4				
22 44.5	−45.0	31075	22 44.1	−44 57	8.5				
22 27.7	−45.3	30748	22 27.9	−45 12	6.9				
22 41.9	−45.6	31020	22 41.6	−45 29	7				
22 56.0	−45.4								
22 47.4	−45.8	31128	22 47.5	−45 41	7.2				
22 52.0	−45.8	31214	22 52.3	−45 41	7.5				
22 53.4	−45.8	31241	22 53.5	−45 43	7.5				
22 54.7	−45.8								
22 56.4	−45.9	31300	22 56.7	−45 50	7.8				

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1892phae.proj..878F

134 R.A. 23h 23m Dec. -41.3

January 16.1893

Plate 4616

	V	H	Cl.	Rem.	Klinc	Int.
	4.3	14.8	H		N	2
	5.6	13.7	A		K=H	1
	5.7	17.1	Th	1234	K=H	1
	7.6	13.5	A		K=0.3H	2
	7.1	15.8	A		K=H	1
	6.8	16.4	Th	1235	K=H	1
	6.8	20.9	A		N	2
	8.8	16.8	A		N	4
	8.9	20.0	A		N	1
	9.9	21.5	Th	1236	K=H	1
	10.2	12.0	Th	1237	K=H	1
	10.2	15.0	K		K=H	2
	11.0	17.9	H		K=H	1
	11.1	6.7	A		N	3
	11.6	9.9	H		N	1
	11.7	10.4	A		N	1
11.4 N	11.6 N	11.4	12.6	A		K=0.3H	3
		13.3	8.2	H		N	1
		13.1	12.1	A		K=H	1
		13.5	14.8	H		N	1
13.5	21.8?	13.5	11.8	A		K=0.4H	3
		14.3	8.2	Neb.		N	2
		15.0	9.5	Th	1238	K=H	1
		14.6	11.2	Th	1239	K=H	3
		14.5	21.1	H		N	1
		14.9	23.9	H		K=H	2
		15.3	10.1	K		K=H	3
		15.4	10.8	A		K=H	2

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1900		No. A.G.C	1900 R.A	1900 Dec.	Magn.	L.D.M. No.	R.A.	Dec.	Magn.
23	22.4 −36.1	31767	23	22.6	−36 6				6.6
23	19.6 −36.8	31720	23	19.9	−36 44				8
23	28.2 −36.9	31880	23	28.4	−36 49				7.0
23	18.5 −38.0								
23	25.0 −37.6	31810	23	25.2	−37 31				7
23	31.5 −37.4	31940	23	31.6	−37 21				7.8
23	38.0 −37.4	32047	23	37.8	−37 21				7
23	27.4 −38.4	31859	23	27.6	−38 23				4.8
23	35.9 −38.6	32008	23	35.7	−38 26				7 ?
23	39.9 −39.0	32085	23	39.6	−38 54				7.5
23	15.2 −39.0	31631	23	15.2	−39 3				8
23	22.7 −39.2	31771	23	23.1	−39 13				8
23	30.5 −39.6	31919	23	30.4	−39 31				7.5
23	1.1 −39.5	31383	23	1.3	−39 26				5.7
23	9.2 −39.8	31524	23	9.4	−39 43				8
23	10.5 −39.9	31542	23	10.6	−39 49				8
23	14.0 −39.7	31606	23	14.0	−39 42				6.9
23	4.9 −40.6	31453	23	4.8	−40 35				7.2
23	15.0 −40.6								
23	22.2 −40.9								
23	40.9 −40.8	32101	23	40.7	−40 45				6.1
23	4.6 −41.2	31441	23	4.6	−41 8				6.2
23	8.0 −41.6	31505 31506	23	8.0	−41 29				9 8
23	12.6 −41.4	31581	23	12.7	−41 22				8.5
23	38.7 −41.3	32071	23	38.9	−41 15				7.5
23	46.5 −41.4	32210	23	46.5	−41 23				6.8
23	9.5 −41.7	31523	23	9.4	−41 39				6.1
23	11.2 −41.8	31558	23	11.3	−41 45				6.7

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January 16, 1893

Plate 4616

v	H	Cl.	Rem.	Nr.	Kline	Int.	
15.2	11.9	a			K=0.5H	2	23
16.3	6.0	I			K=H	3	22
14.0	11.9	Pf		1240	K=H	1	23
16.2	13.2	a			K=H	2	23
16.9	15.9	H			K=H	2	23
16.4	16.4	I			K=H	2	23
17.0	16.3	a			N	1	23
16.2	20.0	Pf		1241	K=H	1	23
16.2	21.9	a			N	2	23
18.0	17.6	a			K=0.2H	4	23
17.6	20.1	H			K=H	2	23
17.8	23.1	a			K=H	1	23
18.0	23.7	a			K=H	1	23
18.9	8.4	Pf		1242	K=H	3	23
19.3	12.3	H			N	1	23
19.3	12.9	H			N	1	23
19.2	13.5	I			K=H	2	23
19.1	20.9	a			N	2	23
20.3	7.4	Pf		1243	K=H	3	23
20.2	13.6	H			N	1	23
20.1	16.4	Pf		1244	K=H	1	23
21.1	9.3	H			N	1	23
22.0	11.0	I			K=H	2	23
21.9	15.4	I			K=H	2	23
22.6	16.3	I			K=H	2	23
23.0	16.7	a			N	2	23
22.9	18.0	a			N	2	23
23.6	8.9	I			K=H	3	23

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1900		A.G.C.	1900 R.A.	1900 Dec.	Magn.	L.D.M. No.	R.A.	Dec.	Magn.
h m	°		h m	°					
23 14.5	−41.7	31611	23 14.2	−41 38	7.5				
22 58.4	−42.1	31337	22 58.4	−42 1	6.0				
23 14.4	−42.7	31613	23 14.3	−42 31	8.8				
23 17.9	−42.2	31678	23 17.9	−42 9	6.7				
23 25.2	−42.6	31809	23 25.2	−42 33	6.7				
23 26.5	−42.3	31838	23 26.5	−42 19	6.7				
23 32.0	−42.7								
23 36.0	−42.1	32015	23 36.1	−42 8	7.5				
23 41.5	−42.1	32117	23 41.2	−42 7	6.9				
23 29.7	−43.2	31906	23 29.7	−43 10	4.5				
23 36.5	−42.9	32024	23 36.6	−42 50	7.0				
23 45.0	−42.9	32181	23 44.7	−42 52	7.1				
23 46.0	−42.9	32202	23 46.1	−42 56	7.2				
23 4.2	−43.5	31437	23 4.4	−43 24	6.1				
23 14.5	−43.8	31622	23 14.9	−43 42	8				
23 16.6	−43.8	31654	23 16.8	−43 44	7.8				
23 18.2	−43.7	31688	23 18.3	−43 41	6.4				
23 38.8	−43.7	32074	23 38.9	−43 35	7.8				
23 1.2	−44.1	31380	23 1.2	−44 4	4.2				
23 18.4	−44.2	31693	23 18.5	−44 9	7.8				
23 26.9	−44.2	31842	23 26.7	−44 9	8				
23 6.3	−44.6	31473	23 6.4	−44 32	8				
23 11.0	−45.1	31549	23 11.1	−45 2	6.2				
23 23.2	−45.1	31780	23 23.6	−45 3	6.5				
23 26.1	−45.4	31826	23 26.0	−45 24	6.2				
23 27.3	−45.7	31853	23 27.3	−45 41	6.8				
23 31.2	−45.5	31934	23 31.2	−45 27	6.9				
23 4.6	−45.8	31445	23 4.7	−45 47	3.9				

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January 16, 1893

Plate 4616

V. H. Cl. Rem.		Khaki Dist
23.9 18.5 a	N	3
24.2 18.9 a	N	1
23.2 20.4 H	N	2
23.9 20.4 H	N	1

h m
0 49

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1900		No.	1900	1900			
h m	°	A.G.C	R.A		Dec.		Mag.
23 32.5	−46.1	31956	23	32.5	−46	8	8
23 33.5	−46.2	31975	23	33.6	−46	10	7.2
23 38.8	−45.7	32067	23	38.6	−45	39	6.4
23 38.7	−46.1	32063	23	38.5	−46	1	7.1

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1892phae.proj..878F

January 22, 1893

Plate 5573 R.A. 9h 57m Dec. −19 − 18.8 (1855)

23h 50m

v	H	Cl.	Nr. Rem.	K line	Int.
4.0	23.1	a		N	1
6.1	8.4	g		K=1.5H	3
6.4	13.9	a		N	1
6.4	15.8	a		N	2
6.2	17.6	a		N	1
7.3	13.5	a		N	1
7.4	17.0	a		N	3
7.7	15.1	g		N	1
7.6	19.2	a		N	1
7.3	22.7	a		N	1
8.7	10.5	g		K=H	2
8.1	11.5	cF	1246	K=H	1
8.4	12.5	a		N	2
8.4	14.1	a		N	1
9.0	16.0	a		N	1
8.4	15.7	a		N	2
9.4	9.1	f		K=H	2
9.3	11.8	a		K=H	2
9.3	13.1	a		N	1
9.8	6.8	H		N	1
10.9	13.8	H		N	1
10.6	14.6	cF	1246	K=H	1
11.0	16.2	a		K=0.3H	3
10.4	16.3	f		K=H	3
11.2	13.9	H		N	1
11.9	5.8	H		N	1
12.0	15.1	a		N	2
11.9	11.3	a		N	1

where in the star?

where is this star?

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1892phae.proj..878F

1855	No. 1				
~~1900~~	H.C.	R.A.	D.		Magn
10 14.2 −13.1°	B.D. No.	R.A. (1855)	Dec.		
~~9 47.5 − 14.2~~	−13° 3097	10 14.2	−13° 3′		6.5
9 44.5 − 14.2	−14 2963	9 44.5	−14 10		5.0
9 55.1 − 14.3	−14 3005	9 55.1	−14 20		7.5
10 5.5 − 14.4	−14 3054	10 5.4	−14 21		7.0
10 7.0 − 14.0	−14 3062	10 7.0	−14 1		7.9
9 54.5 − 14.8	−14 3002	9 54.4	−14 45		7.7
10 1.7 − 14.9	−14 3036	10 1.6	−14 54		6.5
10 3.9 − 15.0	−14 3046	10 3.9	−14 60		7.2
10 6.4 − 15.0	−14 3059	10 6.3	−14 59		8.3
10 14.0 − 14.8	−14 3093	10 13.8	−14 46		7.0
9 48.1 − 15.5	−15 2929	9 48.1	−15 31		7.2
9 50.0 − 15.8					
9 52.1 − 15.3	−15 2949	9 52.2	−15 19		7.7
9 55.5 − 15.3	−15 2966	9 55.5	−15 19		8.3
9 59.6 − 15.6	−15 2979	9 59.6	−15 38		8.0
10 5.4 − 15.4	−15 3001	10 5.3	−15 22		8.0
9 45.2 − 15.8	−15 2920	9 45.1	−15 51		6.5
9 50.7 − 15.8	−15 2942	9 50.7	−15 50		7.0
9 53.5 − 15.8	−15 2954	9 53.3	−15 48		8.0
9 54.8 − 16.6	−16 2943	9 54.7	−16 38		8.0
9 56.5 − 16.5	−16 2949	9 56.4	−16 29		8.0
9 59.9 − 16.7	−16 2969	10 0.0	−16 44		7.0
10 0.2 − 16.4	−16 2974	10 0.2	−16 26		5.3
9 48.7 − 16.8	−16 2921	9 48.7	−16 47		7.2
9 38.0 − 17.1	−17 2952	9 38.0	−17 2		6.8
9 57.8 − 17.8					

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January 22, 1893

Plate 5573

V. H. Gl. Refr. K Lick Inst.

11.4	18.3	H		N	1
12.8	10.3	a		K=H	1
12.3	16.0	a		N	3
12.4	17.3	H	1244	K=H	2
12.1	23.0	H	1248	K=H	2
12.2	23.1	a		N	2
13.3	4.9	a		N	1
13.6	8.9	H	1249	K=H	2
13.6	12.9	a		N	1
13.3	13.8	a		N	1
13.3	18.0	a		K=H	2
13.9	18.3	Ma		N	1
14.9	7.8	Ho		K=H	1
14.1	10.4	Lo		K=H	3
14.3	19.4	H	1250	K=H	3
14.9	15.1	a		N	1
14.4	20.9	a		N	2
15.8	6.6	a		N	2
15.6	8.0	a		N	1
15.2	10.1	H		N	1
15.5	11.2	a		N	2
15.5	16.5	a		N	2
15.2	16.9	a		N	1
15.5	17.0	G		K=H	2
15.4	19.2	H		N	1
15.8	23.6	a		N	2
16.1	11.0	a		N	1
16.8	12.9	M		N	1

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1855 1900		No.	1900 1900 (1855) R. A.	Dec.	Mag.
		(D.M.)			
10	4.4 − 16.9	−16° 2989	10h 4.3m	−10° 56′	7.7
9	47.4 − 17.6	−17 2997	9 47.3	−17 35	8.0
9	57.2 − 17.4	−17 3046	9 57.1	−17 24	8.0
		3047	9 57.1	−17 24	6.8
10	2.4 − 17.4	−17 3072	10 2.3	−17 26	7.2
10	14.2 − 17.3	−17 3029	10 14.1	−17 15	6.0
10	15.1 − 17.3	−17 3133	10 15.0	−17 18	7.2
9	42.4 − 17.8	−17 2974			
9	44.4 − 18.0	−17 2980	9 44.3	−17 59	7.2
9	53.0 − 18.0	−17 23026	9 52.9	−17 58	7.8
9	54.7 − 17.8	−17 3037	9 54.6	−17 51	8.7
10	3.6 − 17.9	−17 3078	10 3.6	−17 53	7.5
10	4.4 − 18.3	−18 2861	10 4.4	−18 14	7.0
9	42.1 − 18.6	−18 2792	9 42.0	−18 38	7.2
9	48.0 − 18.3	−18 2810	9 48.0	−18 20	5.5
10	5.9 − 18.4	−18 2870	10 5.7	−18 26	6.8
9	57.6 − 18.7	−18 2835	9 57.6	−18 43	8.5
10	9.7 − 18.6	−18 2885	10 9.6	−18 35	7.0
9	39.5 − 19.1	−19 2813	9 39.3	−19 4	7.0
9	42.4 − 19.0	−18 2794	9 42.3	−18 58	8.2
9	47.0 − 18.8	−18 2806	9 46.7	−18 48	7.7
9	49.0 − 19.0	−18 2814	9 48.9	−18 59	7.5
10	0.5 − 19.0	−19 2918	10 0.5	−19 0	7.2
10	1.2 − 18.8	−18 2848	10 1.2	−18 51	8.0
10	1.6 − 19.0	−19 2926	10 1.5	−19 2	7.2
10	6.1 − 19.0	−18 2871	10 6.1	−18 58	7.0
10	15.2 − 19.1	−19 2987	10 15.3	−19 8	6.5
9	48.7 − 19.3	−19 2865	9 48.7	−19 18	8.0
9	52.5 − 19.7	−19 2884	9 52.5	−19 40	6.4

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1892phae.proj..878F

January 22, 1893

Plate 5873

	V. Ho. Cl.	Rem. Nr.	K line Int.			
	16.9	14.4	A		K=0.3H	2
	17.8	6.9	A		N	1
	18.0	16.0	H		N	1
	18.0	14.7	H		N	1
	17.4	21.0	H	1251	K=H	2
	17.3	23.5	H		N	1
	16.6	24.2	A		N	1
	16.4	9.0	A		N	1
	18.5	16.5	H	1252	K=H	3
	18.7	23.5	A		N	1
	19.3	21.4	A		N	1
Where is this star?	19.1	8.1	A		N	1
	21.9	6.2	H		K=H	1
	21.7	7.0	H		N	1
	21.1	10.8	A		K=0.2H	3
	21.6	13.9	A		N	1
	21.0	16.7	Dia?		N	1
	21.1	23.3	A		N	2
	21.7	8.0	A		N	1
	22.6	13.9	A		N	1
	22.3	16.3	A		N	1
	23.4	6.4	A		N	1
	24.0	13.0	A		N	3
	23.7	14.1	H		N	1
	24.6	15.3	A		N	3
Where is the star?	23.7	19.0	H		N	1
	23.5	23.2	A		K=H	2

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1892phae.proj..878F

1855			No.	~~1900~~ 1900				
~~1900~~				(1855)				
h m			G.C.	R.A.		Decl.		Magn.
			No.					
9	55.8	−19.7	−19 2897	9	55.8	−19 44		7.0
9	44.0	−20.1	−20 3032	9	44.0	−20 6		8.0
9	59.4	−20.3	−20 3102	9	59.3	−20 14		7.2
9	56.4	−20.2	−20 3088	9	56.4	−20 14		7.7
10	10.0	−19.9	−19 2964	10	9.9	−19 57		6.6
10	15.0	−19.8	−19 2986	10	15.1	−19 50		7.5
10	16.6	−19.5	−19 2994	10	16.7	−19 30		8.2
9	44.3	−20.4	−20 3036	9	44.3	−20 24		7.8
10	0.4	−20.6	−20 3104	10	0.3	−20 38		7.0
10	15.4	−20.5	−20 3161	10	15.3	−20 33		7.8
10	10.9	−20.9	−20 3143	10	10.8	−20 52		7.0
9	38.0	−22.1	−22 2705	9	37.9	−22 5		6.8
9	39.6	−22.0	−21 2904	9	39.6	−21 59		7.8
9	47.8	−21.8	−21 2935	9	47.8	−21 48		6.0
9	54.6	−22.1	−22 2804	9	54.5	−22 4		7.4
10	0.8	−21.8	−21 2987	10	0.7	−21 47		7.0
10	14.8	−21.8	−21 3045	10	14.7	−21 48		6.7
9	42.0	−22.0	−22 2725	9	41.9	−22 0		8.1
9	54.5	−22.4	−22 2803	9	54.5	−22 27		7.8
9	59.9	−22.4	−22 2830	9	59.9	−22 26		7.3
9	38.4	−22.8	−22 2708	9	38.3	−22 49		8.0
1900								
9	54.4	−23.5						
9	57.0	−23.3						
1855								
9	57.6	−18.7						
1855								
10	14.7	−23.0	−22 2904	10	14.6	−22 59		6.5

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Plate 5875 R.A. 11 17 Dec. -19-188(1855)

v. H. bl. Rev. Klinc Int.

X5.0	15.4	H		K	1
X5.0	22.3	a		K	3
X5.4	12.5	Lo		K=1.5H	4
6.9	9.9	a		K=H	1
6.3	24.0	a		K	2
8.0	7.1	a		K	1
7.2	16.2	H		K	1
Should this not be H 16.6?	7.7	6.6	a		K 2
	7.0	19.6	a		K 1
	8.0	19.5	H		K 1
	9.0	6.3	H		K 1
	8.6	10.7	a		K=H 1
	8.2	14.1	a		K 1
	9.0	14.3	F	1253	K=H 1
	9.0	14.0	H		K 1
	8.4	19.1	g		K=H 3
	9.7	10.0	H		K=H 2
	9.6	20.6	F	1254	K=H 2
	9.9	21.1	a		K 1
	9.2	22.2	Ria		K 2
	9.4	22.9	H		K 1
	10.0	23.3	F	1255	K=H 1
	10.2	8.5	a		K=H 1
	11.0	14.6	H		K 1
	11.0	15.1	a		K=0.3H 5
	10.5	17.1	F	1256	K=H 2
	12.0	15.7	F	1257	K=H 1
	11.6	17.5	H		K 1

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1855	No.	~~1900~~ ~~1900~~ (1855)		
~~1900~~	~~M.G.C.~~ B.D. No.	R.A.	Dec.	Magn.
h m s	°	h m s	°	
11 18.5 – 13.7	-13 3365	11 18.4	-13 44	7.2
11 32.5 – 13.7	-13 3420	11 32.5	-13 40	6.5
11 12.1 – 14.0	-13 3345	11 12.1	-13 60	3.8
11 6.9 – 14.7	-14 3289	11 6.8	-14 39	8.0
11 36.1 – 14.3	-14 3388	11 36.2	-14 14	7.0
11 1.2 – 15.2	-15 3206	11 1.1	-15 11	7.9
11 19.9 – 14.8	-14 3326	11 19.9	-14 51	7.5
21.0 – 15.1				
11 ~~20.9 – 15.3~~	-15 3272	11 20.9	-15 5	7.0
11 27.0 – 14.7	-14 3349	11 27.0	-14 42	8.0
11 27.0 – 15.3	-15 3297	11 26.8	-15 15	6.8
10 59.4 – 15.7	-15 3196	10 59.2	-15 45	7.7
11 8.5 – 15.6	-15 3226	11 8.4	-15 84	9.3
	-15 3227	11 8.4	-15 34	8.1
11 15.5 – 15.4	-15 3255	11 15.5	-15 22	7.7
11 15.7 – 15.8	-15 3256	11 15.8	-15 49	8.0
11 21.6 – 15.8	-15 3275	11 21.6	-15 48	7.5
11 26.0 – 15.5	-15 3295	11 25.9	-15 29	6.2
11 7.0 – 16.1	-16 3210	11 7.0	-16 6	7.5
11 29.2 – 16.1	-16 3290	11 29.2	-16 3	7.0
11 30.2 – 16.1	-16 3293	11 30.3	-16 8	8.3
11 32.5 – 15.8	-15 3323	11 32.5	-15 49	6.3
11 34.0 – 15.9	-15 3330	11 33.9	-15 53	7.7
11 34.7 – 16.2	-16 3308	11 34.7	-16 13	7.5
11 3.9 – 16.4	-16 3200	11 3.9	-16 21	7.7
11 16.4 – 16.8	-16 3238	11 16.3	-16 49	8.0
11 17.7 – 16.9	-16 3244	11 17.6	-16 53	4.2
	-16 3258	11 22.0	-16 33	8.8
11 22.0 – 16.6	-16 3259	11 22.0	-16 34	8.8
11 19.1 – 17.3	-17 3379	11 19.1	-17 18	8.3
11 22.7 – 17.1	-17 3398	11 22.7	-17 5	7.7

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v	H	Cl.	Rem	Nr	Kline Int.	
11.4	22.8	H		N		1
12.8	9.3	a		N		3
12.9	14.1	a		N		1
12.5	14.5	H		N		1
13.0	15.2	a		K=0.5H		2
12.8	16.2	f		K=H		2
12.6	17.3	Of	1258	K=H		1
12.3	21.3	a		N		2
13.2	14.5	Of	1259	K=H		3
14.6	7.6	a		N		2
15.0	10.6	a		N		2
14.9	12.9	Of	1260	K=H		2
14.2	16.1	H		N		1
16.0	7.9	H		N		1
15.3	9.5	Of	1261	K=H		1
15.6	14.2	Of	1262	K=H		1
17.0	7.9	a		N		2
16.2	9.2	a		N		2
16.8	10.0	a		N		1
16.3	12.6	Of	1263	K=H		1
17.0	14.4	a		K=0.4H		2
16.9	15.8	a		K=0.3H		3
16.3	17.7	a		N		1
16.2	18.1	Of	1264	K=H		1
16.9	19.3	a		N		1
16.9	20.1	Of	1265	K=H		1
17.8	20.9	a		N		1
16.4	23.3	g		K=H		3

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1855 1900 m		No. BD No.	1900 (1855) 1900 R.A.	Dec.	Mag.
h	m	°	h m	°	
11	33.9	−16.9 −16 3304	11	33.8	−16 54 7.0
11	5.4	−17.7 −17 3321	11	5.3	−17 42 5.8
11	15.6	−17.7 −17 3366?			
11	16.2	−17.5 −17 3368	11	16.3	−17 31 8.0
11	18.0	−17.8 −17 3372	11	18.0	−17 49 7.2
11	20.2	−17.7 −17 3386	11	20.1	−17 43 7.4
11	22.5	−17.6 −17 3396	11	22.4	−17 37 8.3
11	30.9	−17.4 −17 3424	11	30.8	−17 24 7.0
11	16.1	−18.0 −17 3367	11	16.2	−17 59 5.3
11	1.9	−18.6 −18 3110	11	1.8	−18 38 6.3
11	8.1	−18.8 −18 3141	11	8.1	−18 50 7.0
11	13.0	−18.8 −18 3154	11	13.0	−18 47 7.5
11	19.7	−18.4 −18 3178	11	19.8	−18 24 6.9
11	1.6	−19.3 −19 3183	11	1.6	−19 16 8.0
11	5.6	−18.9 −18 3128	11	5.5	−18 54 8.3
11	15.5	−19.1 −19 3249	11	15.5	−19 4 8.0
11	2.0	−19.7 −19 3185	11	2.0	−19 43 7.5
11	5.0	−19.4 −19 3198	11	4.7	−19 22 7.5
11	6.5	−19.7 −19 3205	11	6.4	−19 40 8.2
11	11.7	−19.5 −19 3230	11	12.0	−19 26 8.0
11	15.7	−19.8 −19 3250	11	15.7	−19 50 7.3
11	19.0	−19.8 −19 3265	11	18.8	−19 47 7.0
11	22.9	−19.4 −19 3275	11	22.9	−19 25 8.8
11	23.7	−19.4 −19 3282	11	23.7	−19 24 8.0
11	26.5	−19.7 −19 3293	11	26.3	−19 44 8.7
11	27.9	−19.8 −19 3302	11	27.9	−19 45 8.0
11	29.6	−20.2 −20 3461	11	29.6	−20 10 7.7
11	34.7	−19.5 −19 3326	11	34.7	−19 29. 6.3.

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V	H	Cl.	Rem.	No.	Klinc	Int.		
16.0	24.1	Ch		1266	K=H	2		
17.3	24.4	Ch			N	2		
17.2	11.3	H			N	1		
17.4	11.9	Ch			K=H	1		
17.8	12.9	Ch		1264	K=H	1		
17.3	18.6	Ch		1268	K=H	3		
15.3	6.8	Ch			N	2		
19.0	7.6	H			N	1		
15.3	14.9	Ch		1269	K=H	1		
18.5	16.1	Ch			N	3		
16.5	17.5	Ch			K=H	1		
15.2	21.8	Ch			N	2		
19.4	9.6	H			K=H	2		
20.0	13.9	Ch			N	2		
19.9	15.0	H			N	1		
20.7	12.1	Ch			N	1		
20.6	19.1	H			N	1		
21.4	9.3	Ch			N	4		
21.1	10.2	Ch			K=H	2		
21.6	11.1	Ch			K=0.4H	2		
21.4	15.2	Ch			K=0.5H	2		
21.1	15.9	Ch			N	1		
21.7	20.9	H			N	2		
20.7	19.0	Ch			N	2		
23.1	7.1	Ch			N	1		
23.3	14.3	Ch			N	1		
23.2	14.7	H			N	1		
23.4	16.9	H			N	1		

Where is this star?

Where is this star?

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1892phae.proj..878F

1855 +100	No.	1900	1900
	G.C.	R.A.	Dec. Magn.
h m		h m	° ′
11 36.5	-20.3 -20 3492	11 36.5	-20 14 7.3
11 37.2	-19.9 -19 3333	11 37.1	-19 53 7.2
11 9.2	-19.9 -19 3215	11 9.1	-19 54 7.6
11 10.4	-20.0 -19 3221	11 10.3	-19 58 8.2
11 12.6	-20.2 -20 3399	11 12.6	-20 11 8.3
11 24.5	-20.0 -19 3285	11 24.6	-19 58 6.3
10 59.5	-20.4 -20 3347	10 59.4	-20 23 7.0
11 1.2	-20.7 -20 3352	11 1.0	-20 44 7.7
11 16.6	-20.5 -20 3409	11 16.6	-20 28 8.0
11 19.4	-20.6 -20 3420	11 19.4	-20 33 7.0
11 22.5	-20.5 -20.3435	11 22.5	-20 32 8.2
11 31.6	-20.4 -20 3471	11 31.6	-20 22 7.5
11 5.6	-21.0 -20 3374	11 5.4	-20 58 6.5
11 14.7	-21.3 -21 3292	11 14.6	-21 18 7.0
11 17.2	-21.3 -21 3308	11 17.2	-21 18 7.5
11 10.9	-21.7 -21 3282	11 10.8	-21 39 8.0
11 21.6	-21.6 -21 3316	11 21.6	-21 36 7.5
11 4.6	-22.0 -22 3095	11 4.5	-22 2 4.8
11 8.5	-22.1 -22 3104	11 8.6	-22 7 7.1
11 17.6	-22.1 -22 3136	11 17.6	-22 2 7.7
11 19.0	-21.9 -21 3308	11 19.0	-21 53 7.7
11 29.9	-22.2 -22 3179	11 29.7	-22 9 6.7
10 59.7	-22.8 -22 3080	10 59.8	-22 46 7.8
11 15.5	-22.9 -22 3127	11 15.4	-22 56 8.0
11 16.1	-22.9 -22 3129	11 16.1	-22 54 7.3
11 21.2	-23.0		

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Plate 5625

V H Cl. Rem. No. Kline Int.

24.5 12.5 H N 1

$0^h\ 40^m\ -51.^\circ 7$

Plate 5628

15.3 13.9 Lo K=1.2H 3

16.5 16.4 J K=H 2

16.1 21.3 J K=H 3

16.7 22.3 G K=H 4

16.8 23.2 Q K=H 2

7.1 11.1 Q K=H 2

7.9 16.5 D 1270 K=H 2

9.0 12.0 D 1271 K=H 3

8.1 15.3 D K=1.2H 3

8.5 22.3 Q N 1

9.5 10.3 Q K=H 3

9.7 15.3 H N 1

9.2 21.6 H N 1

10.6 10.7 Q K=0.2H 4

10.7 15.2 Q K=H 1

10.6 18.0 H K=H 1

11.3 12.4 G K=H 2

11.7 14.9 Co K=0.3H 2

12.4 15.0 Q N 2

13.2 6.6 H N 1

14.1 10.0 J K=H 2

14.4 13.0 Q N 1

14.8 16.9 D 1272 K=H 1

15.2 8.1 J K=H 2

15.2 8.8 G K=H 2

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	B.D.M. No.	R.A.	Dec.	Magn.
h m °								
11 13.6 −23.9	15479	11	13.6	−23 48				6.9
0 36.7 −46.7	626	0	36.6	−46 38				4.7
0 44.4 −47.2	745	0	44.3	−47 15				6.6
0 58.2 −46.9	965	0	58.3	−46 56				5.9
1 1.7 −47.2	1024	1	1.6	−47 15				3.3
1 4.2 −47.2	1065	1	4.1	−47 12				7
0 28.0 −47.6	469	0	28.4	−47 30				8
0 50.5 −47.9	844	0	50.6	−47 57				6.8
0 30.4 −48.6	519	0	30.9	−48 33				5.6
0 41.4 −48.1	702	0	41.1	−48 6				6.2
1 2.0 −48.2	1032	1	1.9	−48 8				8
0 25.5 −48.8	427	0	25.6	−48 46				5.7
0 41.4 −48.9	703	0	41.1	−48 51				8.2
1 0.0 −48.5	990	0	59.9	−48 29				7
0 26.5 −49.4	1462	0	27.0	−49 35				4.0 ?
0 40.7 −49.4	691	0	40.7	−49 23				7.5
0 49.4 −49.4	822	0	49.4	−49 20				6.7
0 31.6 −49.7	539	0	31.8	−49 41				6.9
0 39.4 −49.9	668	0	39.6	−49 56				6.9
0 39.6 −50.3	670	0	39.8	−50 15				7.5
0 13.1 −50.5	209	0	13.4	−50 28				7.8
0 23.5 −51.1	389	0	23.5	−51 11				8.8
0 33.0 −51.3	565	0	33.4	−51 17				8
0 46.1 −51.5	769	0	46.1	−51 32				5.6
0 17.5 −51.6	283	0	17.4	−51 33				6.7
0 19.9 −51.7	324	0	19.8	−51 36				6.8

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Plate 5628

V.	H.	Cl.	Remr.	Nv.	K line Int.	
15.0	9.1	F	1253		K=H	1
15.9	9.2	H.			N	1
15.6	12.0	F	1254	H	K=H	3
15.9	13.4	H			N	1
16.6	6.4	F	1255		K=H	2
16.9	10.1	H			N	1
18.2	19.9	a			K=H	2
19.2	11.2	a			N	2
19.3	14.0	F	1256		K=H	1
19.3	18.4	f			K=H	1
20.6	8.9	a			N	1
21.0	9.2	H			N	1
20.2	15.1	F	1257		K=H	3
21.7	13.0	?	11.7	13.0	f	K=H 2
			22.5	12.5	f	K=H 2
			22.9	11.1	a	N 1
			23.6	12.0	a	N 2
h. 0	m. 56		23.6	21.8	a	N 5

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1900	A.G.C	No.	R.A.	1900 Dec.	Mag.	L.D.H.	No.	1900 R.A.	Dec.	Mag.
h m °										
0 20.5	−51.5									
0 20.7	−52.0	344	0	20.8	−51	58	8			
0 29.5	−52.9	501	0	29.7	−52	56	5.7			
0 34.1	−53.1	585	0	34.3	−53	5	8			
0 11.5	−53.3	187	0	11.8	−53	13	7			
0 23.0	−53.6	382	0	23.2	−53	31	7.5			
0 56.5	−53.2	937	0	56.3	−53	7	7			
0 26.1	−53.7									
0 36.0	−53.8	621	0	36.3	−53	46	7			
0 51.5	−53.7	861	0	51.4	−53	44	6.9			
0 18.0	−54.5	303	0	18.6	−54	24	8			
0 19.4	−54.6	327	0	19.8	−54	33	7.5			
0 40.1	−54.3	686	0	40.3	−54	16	6.4			
0 32.5	−54.9	555	0	32.7	−54	57	6.5			
0 30.5	−55.4	518	0	30.9	−55	23	6.2			
0 25.5	−55.6	426	0	25.6	−55	36	9			
0 29.0	−55.9	480	0	28.8	−55	53	7			
1 4.4	−55.8	1069	1	4.2	−55	47	4.2			

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2 22 10

January 26, 1893.

Plate 5666 R.A. 1 22 Dec. −51.3

d H Cl. Rem Nov. Kline Dist.

4.2	10.5	F	1278	K=H	3
4.2	16.2	a		11	2
5.4	14.9	a		11	1
5.7	23.9	Ma		11	2
6.7	7.5	G		K=1.5	3
6.7	8.4	a		K=H	1
6.4	15.5	Ma		11	1
8.8	18.5	F	1279	K=H	1
8.7	22.5	H		K=H	2
9.2	7.2	H		11	1
10.3	12.6	F	1280	K=H	1
10.8	15.1	G		K=H	2
10.8	16.1	G		K=1.5	3
10.4	18.0	H		K=H	2
10.4	18.7	a		11	2
10.3	19.1	H		11	1
12.0	12.8	H		11	1
12.3	13.0	F	1281	K=H	3
12.6	16.2	F	1282	K=H	2
12.2	16.6	F	1283	K=H	3
12.9	19.5	a		11	3
12.8	24.2	a		11	3
13.8	10.8	H		11	1
13.9	16.4	F	1284	K=H	1
13.6	16.9	H		11	1
13.9	21.8	a		11	2
13.3	22.5	a		11	3
14.3	10.7	a		K=H	1

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1900	No. A.G.C.	1900 R.A	1900 Dec.	Magn.	No.	R.A.	Dec.	Magn.
h m °		h m ° ′						
1 10.4 −46.1	1174	1 10.6	−46 4	5.3				
1 27.3 −46.1	1469	1 27.4	−46 5	6.3				
1 23.0 −46.7	1400	1 23.3	−46 40	7.5				
1 49.5 −46.9	1864	1 49.6	−46 48	4.8				
1 1.6 −47.3	1024	1 1.6	−47 15	3.3				
1 4.4 −47.2	1065	1 4.1	−47 12	7				
1 25.5 −47.3	1430	1 25.3	−47 16	6.6				
1 33.7 −48.5								
1 46.4 −48.4	1806	1 46.3	−48 18	6.4				
1 0.2 −48.6	990	0 59.9	−48 29	7				
1 16.0 −49.3	1270	1 16.1	−49 12	7.8				
1 24.2 −49.6	1415	1 24.1	−49 31	7				
1 27.0 −49.6	1462	1 27.0	−49 35	4.0				
1 32.6 −49.4	1575	1 32.7	−49 19	6.9				
1 35.0 −49.4	1610	1 35.0	−49 17	7.5				
1 35.8 −49.4	1631	1 36.0	−49 16	7.3				
1 16.2 −50.1	1276	1 16.4	−50 5	6.6				
1 17.0 −50.3	1290	1 17.1	−50 16	7				
1 27.0 −50.5	1465	1 27.1	−50 25	7				
1 28.5 −50.2	1499	1 28.5	−50 14	6.4				
1 37.5 −50.6	1665	1 37.7	−50 32	6.7				
1 52.3 −50.4	1911	1 52.3	−50 20	6.4				
1 9.5 −51.0								
1 27.5 −51.2	1483	1 27.8	−51 5	8.5				
1 29.6 −51.0								
1 44.7 −51.0	1784	1 45.0	−50 58	8				
1 47.0 −50.8	1816	1 47.1	−50 42	6.1				
1 9.0 −51.3	1154 1155	1 9.5	−51 11	7.8 8				

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Plate 5666

v	H	b	Rem	No.	Klinic	Int.
14.9	12.0	F		1285	K=H	1
14.6	13.2	G			K=H	2
15.0	16.1	G			K=H	1
14.4	20.9	Ma			H	3
15.8	15.0	H			H	1
15.7	15.7	A			H	1
17.0	12.2	A			K=H	2
17.0	13.4	A			H	1
16.6	15.0	F		1286	K=H	1
16.2	21.7	H			H	1
16.2	23.9	G			K=1.5H	4
16.6	24.2	F		1287	K=H	2
18.4	7.0	F		1288	K=H	2
17.4	15.7	H			H	1
17.6	15.9	H			H	1
19.1	11.2	H			H	1
20.0	12.8	H			H	1
19.5	16.3	A			K=H	1
19.1	17.6	H			H	1
19.6	18.5	F		1289	K=H	2
19.7	20.7	A			H	3
20.1	19.6	F		1290	K=H	3
23.4	9.8	A			H	4
23.2	23.3	A			H	2

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1892phae.proj..878F

	1900		no. A.G.C	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
R	13.1	−51.6	1225	13.5	−51	34	7.2			
	17.4	−51.5	1293	17.3	−51	28	6.4			
	26.6	−51.7	1460	26.9	−51	43	8.2			
	42.1	−51.3	1793	42.2	−51	19	5.8			
	22.5	−52.1	1388	22.8	−52	2	8			
	25.2	−52.0	1431	25.4	−52	0	8.2			
	13.4	−52.7	1232	13.8	−52	38	7.5			
	17.1	−52.7	1302	17.6	−52	36	7.2			
	22.6	−52.5	1389	22.9	−52	29	7.2			
	44.6	−52.2	1785	45.0	−52	7	7.5			
	52.0	−52.2	1905	52.0	−52	7	3.9			
	53.2	−52.3	1932	53.1	−52	16	6.2			
0	55.5	−53.3								
	25.2	−52.9	1434	25.5	−53	0	8.8			
	26.0	−53.0	1448	26.3	−53	0	7.1			
	9.5	−53.7	1167	10.2	−53	39	7.5			
	15.0	−54.2	1257	15.2	−54	10	7.5			
	27.1	−53.9	1478	27.6	−53	53	8			
	31.8	−53.8	1556	31.8	−53	42	7.8			
	35.0	−53.9	1606 1607	35.0	−53	56	7 7.5			
	42.0	−54.1	1737	42.3	−54	1	5.4			
	38.6	−54.2	1681	38.7	−54	14	5.9			
	4.4	−55.8	1067 1069	4.2	−55	47	8 4.2			
	52.2	−55.6	1910	52.2	−55	34	7			

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Plate 5682 RA. 4h 1m Dec. −51.5

B H Cl Petit Kline Int.

4.7	7.5	F	1291	K=H	2	
4.9	10.8	a		K=H	1	
4.7	18.2	H		H	1	H = 14.2 ?
4.2	16.6	F	1292	K=H	2	
4.7	18.5	F	1293	K=H	2	
5.3	11.8	a		H	2	
5.0	16.1	F	1294	K=H	1	
5.9	22.0	F	1295	K=H	2	
5.7	23.8	I		K=H	2	
6.2	11.5	I		K=H	3	
6.3	17.4	F	1296	K=H	1	
6.5	17.7	H		K=H	1	
6.5	23.0	F	1297	K=H	2	
7.3	8.8	I		K=H	3	
7.1	10.9	a		K=.8	2	
7.9	12.5	F	1298	K=H	1	
8.0	15.0	a		K=.8	3	
7.6	20.2	H		H	1	
8.2	7.6	a		K=.5	2	
8.7	8.7	I		K=H	2	
8.4	9.2	F	1297	K=H	1	
8.7	13.2	H		H	1	
9.0	14.8	I		K=H	2	
8.9	16.5	H		H	1	
9.1	7.7	F	1298	K=H	1	
9.5	10.8	F	1299	K=H	1	
9.3	12.8	H		H	1	
9.2	16.8	a		K=H	1	

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1992phae.proj..878F

1900		A.G.C.	No.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
4	39.0 −46.3	4119	3	39.0	−46 16	6.7				
3	48.9 −46.4	4326	3	48.7	−46 27	8				
3	58.3 −46.5	4506	3	58.2	−46 25	7.2				
4	5.7 −46.2	4649	4	5.5	−46 8	6.7				
4	11.4 −46.4	4769	4	11.1	−46 23	6.8				
3	51.5 −46.7	4383	3	51.5	−46 43	6.9				
4	4.4 −46.6	4623	4	4.1	−46 34	7.8				
4	21.0 −46.9	4963	4	21.3	−46 52	7.2				
4	26.0 −46.8	5058 5066	4	26.1 26.3	−46 45 44	7.5 6.5				
3	50.5 −47.2	4363	3	50.5	−47 12	6.4				
4	8.5 −47.3	4716	4	8.7	−47 20	7.8				
4	9.1 −47.4									
4	24.2 −47.2	5017	4	24.1	−47 10	6.5				
3	42.5 −47.7	4187	3	42.2	−47 40	6.1				
3	48.7 −47.7	4325	3	48.7	−47 37	6.9				
3	53.4 −48.1	4412	3	53.1	−48 4	8				
4	0.7 −48.2	4569	4	0.7	−48 8	6.7				
4	16.2 −47.9	4864	4	16.2	−47 48	7.5				
3	38.5 −48.1	4115	3	38.7	−48 6	6.9				
3	41.6 −48.4	4174	3	41.8	−48 22	6.8				
3	43.5 −48.2	4210	3	43.3	−48 12	8.5				
3	56.4 −48.5									
4	0.0 −48.7	4552	4	0.0	−48 39	6.9				
4	5.5 −48.7	4647	4	5.3	−48 37	8				
3	38.6 −48.5	4117	3	38.8	−48 33	7.2				
3	48.1 −48.9									
3	53.7 −48.8	4420	3	53.9	−48 46	7.5				
4	6.5 −48.9	4663	4	6.2	−48 44	8.2				

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δ H Cl Rain Thin Int.

9.4	19.4	a		K=H	1
9.2	19.7	a		"	1
10.0	20.7	a		K=3	2
8.7	23.9	a		K=H	1
10.7	6.6	H		"	1
10.9	8.0	H		"	1
10.7	10.0	F	1300	K=H	1
10.1	13.6	a		K=3	2
10.5	18.8	H		"	1
11.5	6.8	a		K=H	2
11.8	12.9	H		"	1
11.4	13.4	G		K=H	2
11.4	16.0	F	1301	K=H	3
11.4	18.3	a		"	1
11.7	23.2	H		K=H	1
12.6	6.5	F	1302	K=H	2
12.7	8.4	F	1303	K=H	1
12.5	9.9	H		"	1
12.6	15.0	H		"	1
12.5	16.4	H		"	1
13.8	8.6	F	1304	K=H	2
13.9	9.9	I		K=H	2
13.2	14.4	e		K=H	1
13.2	14.6	F	1305	K=H	2
13.5	21.7	H		K=H	1
14.1	8.4	I		K=H	2
14.9	9.4	I		K=H	1
14.4	11.0	H		"	1

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1992phae.proj.078F

1900		No.		1900	1900			
		N.G.C.	R.A.	Dec.	Magn.	C.D.M.	No.	R.A. Dec. Magn.
4	14.6 −48.8	4823	4	14.0	−48 45	7.8		
4	15.6 −48.8	4856	4	15.8	−48 50	7.8		
4	18.5 −49.1	4904	4	18.3	−49 2	8		
4	27.5 −48.3							
3	34.4 −49.3	4028	3	34.8	−49 20	7.2		
3	39.0 −49.5	4126	3	39.2	−49 28	8		
3	45.1 −49.5	4253	3	45.2	−49 23	9		
3	56.1 −49.3	4464	3	56.2	−49 12	8		
4	10.9 −49.5	4761	4	10.6	−49 22	8.5		
3	35.1 −49.8	4038	3	35.2	−49 42	7.5		
3	53.5 −50.2	4424	3	54.0	−50 3	7.8		
3	55.0 −49.9	4448	3	55.4	−49 54	7.2		
4	4.0 −49.9	4626	4	4.0	−49 54	6.8		
4	11.6 −49.9	4776	4	11.3	−49 50	8.5		
4	27.0 −49.9							
3	33.9 −50.3	4017	3	33.9	−50 17	8		
3	40.1 −50.4	4138	3	39.9	−50 24	8.5		
3	44.5 −50.4	4238	3	44.5	−50 22	7.5		
4	1.0 −50.6							
4	5.2 −50.5	4646	4	5.2	−50 26	8		
3	40.5 −50.9	4141	3	40.2	−50 58	7.0		
3	44.5 −51.1	4236	3	44.5	−51 3	6.9		
3	58.4 −50.9	4510	3	58.4	−50 42	8.5		
3	59.0 −50.9	4533	3	59.2	−50 47	7.8		
4	22.5 −50.8	4977	4	22.3	−50 50	7.2		
3	39.5 −51.2	4131	3	39.5	−51 7	7.3		
3	42.4 −51.6							
3	48.0 −51.4	4312	3	47.8	−51 19	8.5		

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G H Cl Rem. W. Kline Int.

14.4	13.6	E		K=H	1
14.9	15.6	H		K=H	1
15.0	18.9	F	1306	K=H	4
14.2	20.1	F	1307	K=H	1
14.4	20.5	F	1308	K=H	1
14.2	21.8	a		K=H	1
16.0	7.8	a		K=H	1
15.1	8.6	F	1309	K=H	1
15.8	12.7	F	1310	K=H	2
15.2	14.1	Ma		H	2
15.4	15.0	H		H	1
16.0	15.1	G		K=H	1
15.3	18.2	H		H	1
15.4	19.1	H		H	1
16.9	8.9	H		K=H	1
16.6	9.4	H		H	1
16.4	10.9	Ma		H	1
16.7	12.8	a		K=1.	2
16.5	15.1	a		H	1
17.0	15.0	a		K=H	1
17.0	17.7	F	1311	K=H	1
16.2	21.8	H		H	1
17.8	6.7	E		K=H	2
17.9	8.2	F	1312	K=H	1
17.5	12.5	a		K=3	3
17.6	13.2	H		H	1
18.0	15.1	F	1313	K=H	2
18.0	16.0	H		H	1

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1992phae.proj.0785

1900	A.G.C. No.	1900 R.A.	1900 Dec.	Magn.	G.D.M. No.	R.A.	Dec.	Magn.
h m °		h m	° ′					
3 56.5 −51.4	4463	3 56.2	−51 23	8				
4 2.5 −51.7	4605	4 2.7	−51 39	8				
4 13.5 −51.8	4811	4 13.4	−51 44	4.4				
4 17.1 −51.2								
4 18.6 −51.3	4906	4 18.4	−51 16	7.8				
4 23.0 −51.2								
3 37.0 −52.0								
3 40.0 −51.6								
3 53.0 −52.1	4411	3 53.0	−52 6	7.8				
3 57.5 −51.9	4494	3 57.6	−51 51	7.0				
4 1.0 −51.9	4562	4 0.4	−51 56	7.5				
4 1.4 −52.3	4578	4 1.1	−52 12	8.2				
4 11.1 −51.8	4775	4 11.1	−51 51	7.8				
4 14.1 −51.9	4824	4 14.0	−51 51	8				
3 40.5 −52.6								
3 42.0 −52.4								
3 47.0 −52.4	4292	3 46.9	−52 23	7.5				
3 53.4 −52.6	4414	3 53.2	−52 33	7.5				
4 1.2 −52.5	4576	4 0.9	−52 28	8.5				
4 1.0 −52.9	4574	4 0.8	−52 47	7.2				
4 9.2 −52.8	4737	4 9.4	−52 41	7.8				
4 23.5 −52.2	4995	4 22.9	−52 9	7.8				
3 32.5 −53.0	3991	3 32.9	−52 53	7.5				
3 37.5 −53.1	4099	3 37.9	−53 1	7.8				
3 52.0 −52.9	4395	3 52.0	−52 59	6.6				
3 54.5 −53.0	4435	3 54.6	−53 2	8.5				
4 1.0 −53.2	4581	4 1.1	−53 12	7.8				
4 4.6 −53.3	4628	4 4.1	−53 15	8.5				

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H bl. Rem. H line Int.

18.0	19.5	F	1314	K=H	1
17.8	19.6	F	1315	K=H	3
18.2	7.0	J		K=H	1
19.0	6.7	F	1316	K=H	1
18.8	7.2	H		H	1
18.7	10.7	F	1317.	K=H	1
18.7	10.9	F	1318	K=H	2
18.4	12.6	H		H	1
18.9	17.6	J		K=H	2
18.8	18.7	H		H	1
18.5	21.7	F	1319	K=H	2
18.4	23.0	F	1320	K=H	1
20.0	8.4	F	1321	K=H	1
19.8	10.6	H		H	1
19.4	18.6	H		H	1
19.3	19.7	H		H	1
19.2	22.3	a		K=H	1
20.9	9.7	J		K=H	2
20.8	10.8	F	1322	K=H	2
20.4	12.1	a		K=H	1
20.4	14.1	F	1323	K=H	1
20.8	14.5	a		K=.5	2
20.4	19.6	a		H	2
21.7	6.7	H		H	1
21.3	6.8	F	1324	K=H	2
21.4	9.6	G		K=H	1
21.9	12.3	a		H	2
22.3	11.0	H		H	1

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1892phae.proj.8785

1900	No. G.C	1900 R.a.	1900 Dec.	Magn.	C.D.M.	No.	R.A.	Dec.	Magn.
4h 15.4m	−53.2°	4857			4h 15.8m		−53° 8′		7
4 16.1	−53.1	4868			4 16.2		−53 6		6.3
3 33.4	−53.1	4012			3 33.8		−53 6		7.5
3 32.6	−53.6	3996			3 33.0		−53 32		8.2
3 34.1	−53.5	4024			3 34.4		−53 24		7.8
3 45.7	−53.5								
3 46.6	−53.5	4274			3 46.2		−53 29		8.2
3 52.5	−53.5								
4 9.0	−53.6								
4 13.0	−53.5	4810			4 13.3		−53 34		7.2
4 23.4	−53.4	5001			4 23.1		−53 21		6.9
4 28.0	−53.3	5104			4 27.5		−53 12		7.5
3 37.5	−54.1	4103			3 38.1		−54 3		7.5
3 45.0	−54.0	4259			3 45.4		−54 3		8.5
4 12.5	−53.9								
4 16.4	−53.8	4872			4 16.4		−53 47		7.8
4 25.0	−53.7	5042			4 25.0		−53 38		7.8
3 41.7	−54.6	4175 4176			3 41.7		−54 41 47		10 7.2
3 45.4	−54.6	4267			3 45.9		−54 36		7.0
3 50.0	−54.5								
3 57.0	−54.5	4490			3 57.4		−54 27		7.8
3 58.4	−54.7	4511 4512			3 58.4		−54 36		7.8 8.8
4 16.4	−54.9	4874			4 16.5		−54 22		7.0
3 31.4	−54.9	3963			3 31.5		−54 51		7.4
3 32.2	−54.7	3970			3 32.1		−54 39		7
3 41.2	−54.8	4151			3 40.5		−54 47		8.2
3 50.4	−55.2	4375			3 51.0		−55 9		7.8
3 46.0	−55.3	4280			3 46.4		−55 18		7.3

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Plate 5682.

R. A.	Decl.	Remarks.	Klumpke Int.
22.9	15.3	a	H 2
22.5	23.9	a	H 5
23.2	6.0	H6	H 1
23.7	8.6	a	K=H 1

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1892phae.proj..878F

1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.
4h 1.7m	−55.8° 4592	4h 1.6m	−55° 40′	7.8
4 31.5	−55.3 5198	4 31.8	−55 15	3.1
3 28.7	−55.7 3893	3 28.7	−55 35	7.2
3 37.5	−56.0 4092	3 37.6	−55 52	7.2

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1892phae.proj..878F

$6^h\ 2^m - 51.7$

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Plate 4734.

F. H. Cl. Rum. Klumpke.

	4.8	8.4	J		K=H	2
3.8 15.3?	3.8	5.3	F	1325	K=H	1
	5.8	8.2	a		K=H	1
	7.3	10.9	H		H	1
	8.0	14.8	F	1326	K=H	1
	9.0	16.6	b		K=H	1
	8.1	19.5	F	1327	K=H	1
	8.6	19.7	G		K=H	2
	8.3	7.0	a		H	2
	7.6	21.7	a		H	3
	8.5	24.1	a		H	1
	9.1	9.1	H		H	1
	9.3	9.4	a		H	2
	9.6	15.4	F	1328	K=H	2
	9.9	17.2	Mb		H	1
	9.4	19.9	H		H	1
H = 22.6 ?	9.9	21.6	a		H	1
H = 11.6 ?	10.4	21.6	B	1329	H	3
	10.6	15.9	a		H	1
	10.2	16.3	F	1330	K=H	2
	11.2	8.0	a		H	2
	11.9	11.5	K		K=H	2
	11.8	19.3	E		K=H	1
	11.6	22.9	F	1331	K=H	3
	12.9	6.6	a		H	2
	12.6	17.1	a		H	1
	12.2	21.0	a		H	1
	13.4	9.5	a		K=3 4	

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1892phae.proj..878F

1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
h m	°		h m	° ′					
5 43.6	−46.7	6817	5 43.7	−46 38	5.8				
6 4.1	−46.2	7350	6 4.2	−46 11	7.0				
5 43.0	−47.1	6807	5 43.1	−47 2	7.2				
5 50.5	−48.0	6969	5 50.5	−47 59	7.3				
6 2.0	−48.5	7297	6 2.2	−48 27	6.9				
6 7.5	−48.9	7450	6 7.9	−48 56	8.2				
6 16.5	−48.4								
6 17.5	−48.7	7709	6 17.4	−48 42	6.8				
5 38.0	−48.3								
6 23.4	−48.2	7874	6 23.1	−48 7	5.9				
6 30.5	−48.5	8061	6 30.4	−48 28	6.9				
5 44.5	−48.8	6845	5 44.8	−48 47	8.2				
5 45.2	−49.0	6861	5 45.6	−48 58	7.1				
6 4.0	−49.3	7351	6 4.1	−49 13	7				
6 9.5	−49.4	7508	6 9.9	−49 20	8.5				
6 17.6	−49.1	7725	6 17.8	−49 4	7.0				
6 26.0	−49.2	7954	6 26.1	−49 13	8				
5 52.2	−49.7	7020	5 52.2	−49 39	6.4				
6 5.0	−49.9								
6 6.5	−49.6	7421	6 6.9	−49 33	6.7				
5 40.5	−49.9	6764	5 40.9	−49 53	8				
5 51.9	−50.4	7009	5 51.7	−50 24	7				
6 16.2	−50.3	7689	6 16.3	−50 19	7.0				
6 27.1	−50.2	7990	6 27.3	−50 10	8.5				
		7991			5.5				
5 35.5	−50.7	6638	5 35.9	−50 42	6.5				
6 9.2	−50.8	7498	6 9.5	−50 46	7.8				
6 21.5	−50.5	7840	6 21.7	−50 29	7.8				
5 44.5	−51.1	6848	5 44.9	−51 6	3.9				

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V. H. Cl. Refr. Klinc Dpt.

13.4	10.3	H		//	1	
13.2	11.9	F	1332	K=H	1	
13.6	13.2	a		//	2	
13.5	13.7	a		K=.2	3	
13.3	14.7	a		K	1	
13.8	16.3	G		K=H	1	
13.9	18.9	a		//	1	
13,5	20.2	a		K=.4	2	
14.3	17.6	a		//	2	
14.8	23.1	F	1333	K=H	2	
15.4	10.7	K		K=H	3	
15.3	11.2	H		//	1	
15.2	19.8	H		//	1	
15.3	20.7	G		K=H	2	
15.9	23.7	G		K=H	1	
16.7	10.7	F	1334	K=H	2	
16.3	12.0	a		K=.8	3	
16.7	13.2	F	1335	K=H	1	
16.4	18.9	H		//	1	
16.3	20.7	a		//	5	
17.9	7.9	a		K=H	2	
17.7	9.6	F	1336	K=H	2	
17.9	12.8	H		//	1	
17.7	20.2	a		//	2	
17.1	24.1	a		//	3	
18.7	7.0	a		//	2	
18.1	10.9	a		//	1	
18.3	12.1	F	1337	K=H	1	

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1900				Nw. A.G.C.	1900 R.A	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
5	47.5	−51.2		6904	5	47.6	−51 4		7.5		
5	52.0	−51.0		7029	5	52.6	−51 1		7.5		
5	56.2	−51.3		7142	5	56.7	−51 14		7.3		
5	58.5	−51.2		7184	5	58.5	−51 13		6.2		
6	1.5	−51.2		7276	6	1.7	−51 5		7.2		
6	7.0	−51.4		7428	6	7.1	−51 23		7.2		
6	15.0	−51.5		7661 7662	6	15.4	−51 25 27		9.2 8		
6	19.0	−51.2		7776	6	19.5	−51 12		6.8		
6	11.2	−51.7		7552	6	11.4	−51 38		6.8		
6	29.0	−51.8		8034	6	29.0	−51 45		6.1		
5	48.6	−52.2		6925	5	48.7	−52 8		5.6		
5	50.4	−52.2		6960	5	50.2	−52 5		7.5		
6	18.0	−52.1		7740	6	18.3	−52 21		7.2		
6	21.2	−52.2		7831	6	21.4	−52 8		6.4		
6	31.1	−52.2		8085	6	31.2	−52 15		7		
5	48.2	−52.8		6919	5	48.2	−52 48		6.7		
5	52.6	−52.7		7034	5	52.7	−52 40		5.8		
5	56.6	−52.9		7135	5	56.5	−52 48		8.8		
6	15.5	−52.8		7668	6	15.7	−52 42		6.7		
6	21.4	−52.6		7843	6	21.8	−52 39		0.4		
5	37.7	−53.3		6698	5	38.5	−53 16		7.2		
5	44.4	−53.3		6836	5	44.3	−53 15		6.8		
5	54.7	−53.5		7100 7103	5	55.0 55.1	−53 26		7.2 7		
6	20.3	−53.3		7799	6	20.1	−53 17		6.7		
6	33.0	−52.9		8133	6	32.8	−52 53		4.8		
5	34.6	−53.6									
5	48.5	−53.6		6924	5	48.5	−53 27		8		
5	52.5	−53.6		7039	5	52.6	−53 36		8.2		

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D. H. Cl. Rem. Mr. Klinkerfues Int.

18.2	14.5	H.		H	1
18.8	14.7	H		H	1
18.9	18.8	H.		H	1
18.1	19.0	a		K=.4	2
19.9	10.0	Ma		H	1
19.8	15.2	H		K=H	1
20.9	14.1	F	1338	K=H	1
20.8	16.7	a		H	3
21.5	6.2	F	1339	K=H	1
21.3	11.0	F	1340	K=H	1
21.8	18.6	a		H	1
22.6	9.8	a.		H	1
23.5	11.1	La		K=H	3
23.5	15.2	H		H	1
23.7	20.2	a		H	3

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1900		No. A.G.C	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
h	m		h	m					
6	0.6	−53.6	7245	6	0.7	−53 35	7		
6	1.0	−53.9	7264	6	1.3	−53 53	7.2		
6	15.4	−54.0	7667	6	15.6	−53 56	7.2		
6	15.5	−53.6	7677	6	15.9	−53 32	6.9		
5	45.2	−54.4	6857	5	45.2	−54 23	6.6		
6	3.0	−54.4	7329	6	3.2	−54 24	7.5		
5	59.0	−55.0	7200	5	59.0	−54 57	7.5		
6	8.4	−54.9	7467	6	8.4	−54 56	5.2		
5	31.5	−54.9	6530	5	31.8	−54 58	6.6		
			6920	5	48.3	−55 7	7.5		
5	48.2	−55.2	6922		48.4	5	7.5		
6	15.9	−55.5							
5	43.2	−55.7	6821	5	43.7	−55 37	7.5		
5	47.9	−56.3	6915	5	48.0	−56 12	4.7		
6	3.5	−56.3	7334	6	3.3	−56 13	7		
6	21.5	−56.3	7827	6	21.1	−56 19	6.0		

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$6^h\ 41^m\ -51.°6$

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6 H Cl. Rein Klinic Inst.

4.9	15.4	a		K=H	2
4.7	16.8	a		H	1
4.4	17.1	F	1341	K=H	3
3.6	19.9	a		H	2
6.0	12.3	H6		H	1
5.6	15.4	a		H	2
5.8	16.3	H6		H	1
5.8	17.5	H6		H	1
5.4	20.2	a		H	2
7.0	9.5	a		K=H	1
6.4	14.1	B	1342	K=H	2
6.5	15.9	a		K=H	1
6.8	16.0	H6		H	1
7.7	9.1	a		H	3
7.7	12.5	H6		H	1
7.5	13.4	K6		K=H	3
7.3	16.7	H6		H	1
7.6	17.6	K6		K=H	2
8.9	7.3	G		K=H	1
7.3	11.5	F	1343	K=H	2
8.6	13.4	a		K=H	1
8.2	16.2	F	1344	K=H	1
8.9	17.1	F	1345	K=H	1
8.5	19.2	Ma		H	3
9.6	7.5	H6		H	1
9.8	10.2	a		H	1
9.2	16.3	a		K=H	1
9.4	16.7	a		H	1

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h 1900	°	No. A.G.C	1900 R.A.	Dec.	Magn.	No. C.D.M.	1900 R.A.	Dec.	Magn.
6	42.6	−46.8	8416	6	42.4	−46 45			7.2
6	46.7	−46.7	8530	6	46.4	−46 36			7.5
6	47.5	−46.5	8554	6	47.1	−46 31			5.4
6	55.1	−45.9	8772	6	55.1	−45 58			6.9
6	32.8	−47.4	8134	6	33.0	−47 21			7
6	42.5	−47.2	8415	6	42.4	−47 8			7.3
6	44.1	−47.2	8489	6	44.9	−47 12			7.2
6	48.5	−47.2	8589	6	48.4	−47 13			8
6	56.4	−46.9	8802	6	56.2	−46 53			6.9
6	24.5	−47.8							
6	38.1	−47.5	8291	6	38.1	−47 31			6.5
			8292			34			6.8
6	44.0	−47.6	8464	6	44.0	−47 42			7.4
6	44.5	−47.7	8476	6	44.7	−47 32			9
6	23.2	−48.2	7874	6	23.1	−48 7			5.9
6	33.4	−48.3	8145	6	33.3	−48 12			7.8
			8146						7.8
6	36.0	−48.2	8225	6	36.0	−48 7			7.8
			8227			8			5.8
6	46.2	−48.0	8527	6	46.3	−47 59			7.8
6	48.6	−48.2	8603	6	48.9	−48 11			6.8
6	17.5	−48.7	7709	6	17.4	−48 42			6.8
6	30.5	−48.5	8061	6	30.4	−48 28			6.9
6	36.0	−48.7	8234	6	36.2	−48 37			8
6	44.6	−48.5	8483	6	44.8	−48 28			7.2
6	47.5	−48.8	8569	6	47.6	−48 46			8.5
6	53.4	−48.6	8739	6	53.6	−48 35			5.5
6	17.6	−49.1	7725	6	17.8	−49 4			7.0
6	26.0	−49.3	7954	6	26.1	−49 13			8
6	45.1	−49.0	8501	6	45.3	−48 57			7.8
6	46.0	−49.2							

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G H Cl. Rem. K line Int.

	9.6	17.5	a		H	2
	9.4	19.7	a		H	2
	9.4	20.5	G		K=H	2
	9.2	23.9	d		K=H	3
	10.0	13.1	a		K=H	2
	11.0	21.2	a		K=.2	2
	10.4	21.5	a		K=.2	3
	11.5	12.7	F	1346	K=H	3
	11.6	12.5	H		K=H	1
dark Mx. F.	11.7	12.8	G		K=H	1
	11.9	14.8	a		H	2
	11.3	19.3	a		H	1
	11.5	19.7	a		H	1
	12.0	20.6	a		H	2
	12.0	20.9	a		H	2
	11.9	21.7	Ma?		H	1
	11.9	21.9	H		H	1
	12.1	7.1	a		K=H	1
12.1 11.6?	12.1	12.6	F	1347	K=H	1
	12.1	17.0	K		K=1.2	4
	12.2	18.3	d		K=H	2
	12.6	19.2	a		H	1
	13.0	19.2	H		H	1
	12.5	21.5	Ma?.		H	1
	13.8	8.3	a		K=.5	2
	13.5	12.3	F	1348	K=H	1
	13.9	12.9	a		H	1
	13.2	13.7	H		H	1

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1900			No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec	Magn.
h	m	°		h m	°					
6	48.6	−49.3	8606	6 48.9	−49	11	8			
6	55.1	−49.1	8778	6 55.4	−49	1	7.5			
6	57.5	−48.9	8857	6 57.8	−48	59	7.0			
7	8.2	−48.8	9135	7 8.1	−48	46	5.5			
6	34.7	−49.5	8200	6 35.1	−49	26	7.1			
7	0.0	−49.9	8920	7 0.1	−49	47	7			
7	1.2	−49.5	8948	7 1.3	−49	26	5.3			
6	33.8	−50.3	8166	6 34.0	−50	14	7.4			
6	32.7	−50.3	8144	6 33.1	−50	13	7.3			
~~6~~	~~33.9~~	~~−50.2~~								
6	40.2	−50.4	8352	6 40.3	−50	21	7.0			
6	54.1	−50.0								
6	55.5	−50.1								
6	58.5	−50.4	8881	6 58.8	−50	19	7.2			
6	59.6	−50.3	8904	6 59.6	−50	17	7			
7	2.0	−50.2	8970	7 1.9	−50	13	8			
7	2.9	−50.3	8990	7 2.7	−50	12	7.1			
6	16.2	−50.3	7689	6 16.3	−50	19	7.0			
6	30.2	−50.4	8063	6 30.4	−50	24	7.8			
6	47.5	−50.5	8568	6 47.4	−50	30	3.2			
6	51.4	−50.5	8684	6 51.5	−50	30	6.7			
6	54.0	−50.7	8753	6 54.3	−50	37	8.2			
6	54.0	−50.9	8751	6 54.3	−50	53	8			
7	1.2	−50.6	8955	7 1.4	−50	30	7.2			
6	19.0	−51.2	7776	6 19.5	−51	12	6.8			
6	32.5	−51.2								
6	34.5	−51.4								
6	36.5	−51.1	8257	6 36.7	−51	0	8.5			

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				K & H	Cl.	Remarks
13.4	15.9	a		N	1	
13.4	16.0	d		K=H	2	
14.0	18.2	a		N	1	
13.8	20.4	Ma?		N	2	
13.9	24.2	a		N	2	
14.9	15.8	a		N	2	K or H slightly wide?
14.3	7.0	a		N	1	
14.6	11.3	F	1349	K=H	3	
14.5	16.8	F	1350	K=H	1	
15.5	8.0	H6		N	1	
15.5	9.0	d		K=H	2	
15.6	12.0	d		K=H	2	
15.7	13.2	a		N	2	
15.8	15.4	a		K=H	1	
15.3	15.6	H6		K=H	2	
15.7	15.7	d		K=H	2	
16.0	21.1	B3	1351	N	3	
16.7	17.3	H6		N	2	
16.6	8.4	a		K=H	1	
16.4	9.2	a	1352	N	5	
16.5	9.8	a		N	1	
16.8	12.6	a		N	3	
16.8	13.6	H6		N	1	
16.6	13.9	H6		N	1	
16.4	14.5	a		K=H	1	
16.6	17.1	a		N	2	
16.3	19.3	F	1353	K=H	2	
15.1	22.3	G		K=H	2	

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1900	No. G.C.	1900 R.A.	Dec.	Magn.	C.D.M. No.	1900 R.A.	Dec.	Magn.
h m								
6 44.0		−51.2			8465	6 44.0	−51	8.5
6 44.5		−51.2			8473	6 44.5	−51 10	6.1
6 51.1		−51.5						
6 58.1		−51.3			8874	6 58.4	−51 16	5.8
7 10.6		−51.1			9195	7 10.2	−51 2	7.8
6 43.0		−52.1			8437	6 43.1	−52 6	7.0
6 15.0		−51.6						
6 29.0		−51.8			8034	6 29.0	−51 45	6.1
6 47.0		−51.7						
6 17.7		−52.1			7740	6 18.3	−52 2	7.2
6 21.4		−52.2			7831	6 21.4	−52 8	6.4
6 31.1		−52.3			8085	6 31.2	−52 15	7
6 34.7		−52.4			8193	6 34.9	−52 15	8
6 42.1		−52.5			8420	6 42.5	−52 20	8.5
6 43.0		−52.1			8437	6 43.1	−52 6	7.0
6 43.3		−52.3			8451	6 43.6	−52 19	6.2
7 1.1		−52.3			8944	7 1.1	−52 16	6.8
6 47.5		−52.7						
6 19.0		−52.7			7764	6 19.3	−52 37	7.4
6 21.5		−52.6			7843	6 21.8	−52 39	0.4
6 22.7		−52.6			7862	6 22.7	−52 45	6.7
6 32.7		−52.9			8133	6 32.8	−52 53	4.8
6 36.4		−52.9			8239	6 36.2	−52 50	7.5
6 37.6		−52.8			8274	6 37.4	−52 44	7.5
6 38.9		−52.7			8319	6 39.1	−52 36	8
6 47.6		−52.7			8581	6 48.0	−52 41	7.5
6 55.0		−52.5			8786	6 55.5	−52 30	7.5
7 4.5		−51.8			9046	7 4.8	−51 48	6.7

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d H Cl. Rem Kline Int.

15.6	22.4	H6		H	1
17.8	8.8	a		H	2
17.8	14.0	a		K=2	2
18.4	7.6	a		H	2
18.2	10.3	F	1354	K=H	1
18.3	13.6	F	1355	K=H	1
18.8	16.5	F	1356	K=H	1
18.1	16.9	G		K=1.2	3
18.8	24.0	a		H	2
19.3	8.8	a		H	1
19.3	12.2	F	1357	K=H	1
19.3	15.2	a		H	1
19.1	17.8	I		K=H	2
19.5	21.5	a		H	1
19.2	15.3	a		H	2
20.4	15.3	a		H	2
20.3	16.0	G		K=H	2
20.4	16.3	a		K=H	1
20.1	18.0	a		H	1
21.4	5.6	a		H	3
21.2	12.1	H6		H	1
21.6	13.5	H6		H	1
21.1	15.0	a		H	1
21.9	16.2	I		K=H	2
22.0	7.6	a		H	1
22.7	10.0	a		K=H	1
23.0	15.0	a		K=H	1
22.8	16.9	F	1358	K=H	1

*20 V=20.2 ?

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1900	No. G.C.	1900 R.A.	1900 Dec.	Magn	No. D.M.	R.A.	Dec.	Magn
7		5.5	−52.1		9055	7 5.1	−52° 3′	7.0
6		20.2	−53.4		7799	6 20.1	−53 17	6.7
6		38.0	−53.4		8278	6 37.5	−53 21	7
6		15.5	−53.6		7677	6 15.9	−53 32	6.9
6		25.4	−53.6					
6		36.5	−53.6		8247	6 36.3	−53 33	8.2
6		45.9	−53.8		8539	6 46.5	−53 54	8.2
6		47.0	−53.5		8573	6 47.6	−53 31	4.8
7		11.1	−53.5		9233	7 11.5	−53 29	6.9
6		19.5	−54.0					
6		31.4	−54.2					
6		41.6	−54.3					
6		50.4	−53.9		8657	6 50.6	−53 58	7
7		3.4	−54.1		9007	7 3.3	−53 58	8
6		~~41.5~~ 42.0	−54.2		8412	6 42.2	−54 36	6.4
6		42.0	−54.8		8408	6 42.1	−54 38	6.8
6		44.5	−54.6		8487	6 44.6	−54 36	7
6		45.5	−54.8		8516	6 45.6	−54 39	8
6		51.0	−54.5					
6		8.5	−54.9		7467	6 8.4	−54 56	5.2
6		30.5	−55.1		~~8222~~	~~6 35.7~~	~~−55 15~~	~~7.2~~
6		35.2	−55.3		8222	6 35.7	−55 15	7.2
6		41.0	−55.2		8371	6 40.9	−55 1	8.5
6		45.5	−55.5		8511	6 45.4	−55 26	6.3
6		14.6	−55.5					
6		23.1	−55.8		7884	6 23.3	−55 40	8
6		41.0	−56.1		8373	6 41.0	−55 55	7.8
6		48.0	−55.9		8588	6 48.1	−55 47	7.8.

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Plate 4523

V. H Cl. Rem. Kline Int

22.3	19.1	a	H	2
22.4	19.4	d	K=H	2
23.9	9.5	a	H	3
23.8	19.3	a	K=H	2

$23^h\ 57.$

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1900		No.	1900		1900		
		A.G.C	R. a		Decl		Magn.
h	m	°		h	m	°	′	
6	55.1–55.6	8789	6	55.5–	55	32	7.5
6	56.5–55.6	8826	6	56.7–	55	35	6.9
6	21.5–56.3	7827	6	21.1–	56	19	6.0
6	56.5–56.3	8827	6	56.8–	56	15	6.8

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January 29, 1893.

Plate 5881 R.A. 11h 18m Dec. −49

h 23 36

by H.C.B. Rem. Klein Int.

4.1	6.1	a		H	3
5.0	8.5	F	1359	K=H	1
4.9	11.0	I		K=H	2
5.0	11.8	a		H	1
5.4	14.3	I		K=H	3
6.0	17.3	H		H	1
5.4	17.4	a		H	1
5.6	17.5	H		H	1
6.8	11.6	a		H	1
7.0	12.7	H		H	1
6.4	16.3	F	1360	K=H	1
6.2	21.6	a		H	1
6.8	24.3	I		K=H	3
7.3	10.2	H		H	1
7.8	12.2	F	1361	K=H	3
7.5	13.6	a		K=H	2
7.8	13.9	H		H	1
7.8	15.3	I		K=H	2
7.8	16.3	H		H	1
7.7	19.7	a		K=H	2
7.7	20.3	H		H	1
7.6	21.0	a		H	1
7.6	22.3	a		H	3
8.1	5.7	H		K=H	1
8.4	8.2	a		H	1
8.6	10.8	a		K=2	3
8.9	12.4	a		H	1
8.3	12.8	a		H	1

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1900	No. G.C	R.A.	Dec.	Magn	C.D.M. No.	R.A.	Dec.	Magn.
55.0	-43.3	15043	10	55.4	-43 16	6.2		
1.5	-43.9	15197	11	1.7	-43 50	7.5		
8.3	-43.9	15361	11	8.6	-43 50	6.3		
10.7	-43.9							
17.5	-44.1	15555	11	17.7	-44 6	6.6		
26.5	-44.5	15742	11	26.3	-44 25	8		
27.0	-44.2	15749	11	26.8	-44 11	7.2		
27.3	-44.3	15749	11	26.8	-44 11	7.2		
10.0	-44.8							
13.0	-44.9	15468	11	13.2	-44 57	7.8		
24.5	-44.6							
38.5	-44.5	16030	11	38.5	-44 26	8.8		
46.2	-44.6	16179	11	46.1	-44 37	5.0		
5.6	-45.0	15809	11	6.2	-45 2	7		
11.5	-45.4	15437	11	11.9	-45 20	6.7		
15.5	-45.1	15517	11	15.8	-45 11	7.5		
16.5	-45.3	15535	11	16.5	-23 27	8		
21.1	-45.3	15629	11	21.0	-45 20	7		
24.0	-45.3	15679	11	23.7	-45 13	8		
33.2	-45.2	15896	11	33.3	-45 11	7.5		
35.0	-45.3	15940	11	35.0	-45 15	7.8		
37.1	-45.1							
40.6	-45.1	16080	11	40.8	-45 8	5.9		
52.7	-45.3							
59.1	-45.5							
7.4	-45.8	15338	11	7.5	-45 43	6.6		
12.0	-45.9							
13.1	-45.6	15470	11	13.3	-45 33	8.2		

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Plate 5881

V. H bl. Rem. Klinc Int.

	8.6	15.2	F	1362	K=H	1
	8.2	17.3	a		H	1
	8.2	20.2	a		K=H	1
	8.9	21.0	H		H	1
	8.8	22.5	F	1363	K=H	1
9.0 22.9?	9.0	21.9	F	1364	K=H	1
	8.5	23.6	a		H	2
	9.6	6.7	a		H	2
	9.2	7.7	a		H	1
H=11.0?	10.0	10.0	F	1365	K=H	2
	9.7	17.2	a		K=H	1
	9.1	18.1	a		H	1
	9.4	23.9	F	1366	K=H	1
	10.1	8.5	a		H	1
	10.9	8.7	a		H	3
	10.1	11.1	F	1367	K=H	3
	10.6	12.2	H		K=H	1
	10.8	13.1	a		H	1
	10.9	13.3	a		H	1
	10.7	13.4	I		K=H	2
	10.9	15.0	G		K=H	1
	10.9	15.3	H		K=H	1
	10.3	15.7	a		K=H	1
	10.7	16.1	a		K=.5	1
H=17.8?	10.1	17.2	a		H	2
	10.0	18.2	a		H	1
	10.6	18.6	Ma		H	2
	10.6	19.3	a		K=H	2

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1900	No. A.G.C	1900 R.A	1900 Dec	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
20.8			−45.8					
27.2			−45.6					
34.5			−45.4					
37.0			−45.7					
41.2			−45.7					
42.2			−45.8					
44.5			−45.5					
55.2			−46.1					
58.5			−45.9					
7.9	15346	11	7.9	−46	25	7		
26.3			−46.4					
28.9	15799	11	28.9	−45	58	7.8		
45.5	16165	11	45.4	−45	54	8.2		
1.0			−46.4					
1.2	15188	11	1.2	−46	54	6.8		
8.4	15359	11	8.4	−46	31	8		
11.2	15424	11	11.4	−46	45	7.8		
14.0			−47.0					
14.5			−47.0					
15.0			−46.9					
19.9			−47.0					
21.0			−46.9					
22.0			−46.6					
23.5			−46.8					
27.7	15773	11	27.8	−46	30	8.2		
29.5			−46.5					
30.5	15832	11	30.4	−46	49	6.0		
32.7	15881	11	32.7	−46	45	8.5		

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V. H. bl. Rem. Kline Jnt.

11.3	8.3	a		K=H	3
11.3	10.5	a		11	1
11.6	11.4	F	1368	K=H	1
11.7	12.2	a		11	3
11.4	15.8	H		K=H	1
11.8	16.7	F	1369	K=H	1
11.2	18.8	a		K=.5	4
12.0	19.1	F	1370	K=H	1
11.4	19.3	K		K=H	3
11.7	19.7	J		11	2
13.0	5.7	a		K=H	1
12.5	8.5	a		11	2
12.6	9.4	a		11	1
12.9	9.9	a		11	1
12.5	12.1	F	1371	K=H	1
12.3	13.3	f		K=H	1
12.7	13.5	a		11	1
12.9	14.1	H		11	1
12.4	18.8	H		11	1
12.7	19.1	a		11	1
13.0	19.6	H		11	1
12.5	20.9	H		11	1
13.8	7.7	a		11	2
13.4	8.8	a		11	1
13.2	9.5	J		K=H	2
13.2	10.1	a		11	1
13.2	10.3	a		11	1
14.0	11.1	a		K=.3	4

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1900	No. A.G.C	1900 R.A.	1900 Dec.	Mag.	L.D.M. No.	R.A.	Dec.	Magn.
0.0 – 47.2	15153	11	0.0 – 47° 8′	6.0				
6.5 – 47.1								
7.0 – 47.3								
11.2 – 47.4	15422	11	11.3 – 47 22	6.8				
22.5 – 47.2								
24.7 – 47.4								
31.2 – 47.1	15841	11	31.1 – 47 5	5.5				
32.1 – 47.5								
32.7 – 47.2	15883	11	32.7 – 47 11	5.9				
34.0 – 47.3	15912	11	33.9 – 47 18	7.5				
51.5 – 47.8	14960	10	51.8 – 47 33	8				
0.4 – 47.7	15168	11	0.4 – 47 39	7.2				
2.6 – 47.7								
4.4 – 47.9								
11.0 – 47.8								
14.6 – 47.6								
15.4 – 47.8								
17.4 – 48.0	15545	11	17.0 – 48 13	7.8				
31.5 – 47.7	15850	11	31.3 – 47 40	8.5				
32.1 – 47.9								
33.7 – 47.9								
34.5 – 47.7								
57.5 – 48.3	15101	10	57.7 – 48 16	8				
1.0 – 48.2	15184	11	1.0 – 48 5	8				
3.0 – 48.1	15233	11	3.0 – 48 6	6.7				
5.0 – 48.2	15285	11	5.0 – 48 5	9				
5.7 – 48.1								
7.8 – 48.6	15347	11	8.0 – 48 33	5.8				

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D. H. Cl. Rem. Mr. Klinec Int.

13.1	11.6	I		//	2
13.5	13.0	a		//	2
14.0	13.7	F	1372	K=H	1
13.4	14.1	a		K=.3	2
13.8	14.2	a		//	2
14.0	15.1	H		//	1
13.6	16.6	a		//	1
13.6	18.1	b		K=H	1
14.3	7.1	F	1373	K=H	1
14.2	7.3	F	1374	K=H	1
14.4	8.6	b		K=H	1
14.8	8.7	a		//	3
14.2	11.8	F	1375	K=H	1
14.5	14.0	H		//	1
14.9	16.0	H		//	1
14.1	8.4	K		K=H	3
14.4	20.1	a		//	1
15.0	20.2	a		//	1
14.4	21.6	I		K=H	2
14.2	21.8	I		K=H	2
15.0	24.0	a		//	2
15.5	7.2	a		//	1
15.3	8.9	a		//	1
16.0	9.6	a		//	1
15.4	9.9	a		K=H	1
15.2	10.6	a		//	3
15.8	10.9	a		//	1
15.6	11.1	a		//	1

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1900	No. G.C.	1900 R.A.	Dec	Magn	C.D.M. No.	1900 R.A.	Dec.	Magn.
9m.2	-48°.1	15386	11h 9m.5	-48°	3′	7		
13.7	-48.3	15480	11 13.7	-48	14	8		
16.0	-48.6							
17.1	-48.3	15545	11 17.0	-48	13	7.8		
17.4	-48.5							
20.5	-48.6							
24.4	-48.4							
29.5	-48.3							
55.5	-48.6							
56.0	-48.5	15070	10 56.4	-48	29	8		
0.5	-48.9							
0.6	-48.9	15170	11 0.6	-48	51	6.4		
10.1	-48.7							
17.1	-48.8							
23.5	-49.1							
0.2	-48.6							
35.5	-48.6	15955	11 35.5	-48	36	8.2		
36.0	-48.9							
39.6	-48.6	16054	11 39.7	-48	35	7.6		
40.2	-48.5	16064	11 40.3	-48	31	6.6		
47.5	-48.8	16201	11 47.0	-48	50	8.		
55.5	-49.1	15042	10 55.4	-49	10	8.8		
1.0	-49.1							
3.1	-49.5							
4.2	-49.2							
6.1	-49.1	15307	11 6.1	-49	7	7.2		
7.0	-49.4	15321	11 6.9	-49	37	8.5		
8.0	-49.3	~~15357~~	~~11 8.4~~	~~-49~~	~~11~~	~~6.6~~		

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O. H. Cl. Rue Kl. Int.

	15.3	11.3	G		K=H	3
	15.4	14.1	a		〃	1
	15.7	14.3	F	1376	K=H	1
	16.0	14.8	H		〃	1
	15.2	16.8	F	1377	K=H	1
16.0 17.5?	16.0	7.5	a		〃	1
	15.9	18.8	a		〃	1
	15.3	21.8	a?		〃	1
	15.8	21.8	G		K=H	1
	16.0	21.9	a		K=H	1
	15.4	23.3	a		〃	1
	16.4	8.1	a		K=H	1
	16.9	9.3	H		〃	1
	16.3	10.8	a		K=.5	2
	16.1	11.5	a		K=.2	2
	15.7	11.9	a		〃	1
	16.7	14.8	H		〃	1
	16.1	15.5	H		〃	1
	16.9	16.9	a		〃	1
	16.9	17.5	a		〃	2
	16.7	17.9	F	1378	K=H	1
	16.9	19.8	a		〃	3
	16.4	20.1	a		〃	1
	16.4	20.2	H		K=H	1
	16.9	20.7	a		〃	2
	16.2	22.6	a		〃	1
	16.9	23.1	H		〃	1
	16.5	24.1	a		K=H	1

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1900		No. A.G.C	1900 R.A	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
h m	°		h m	°					
11 8.2	−49.2	15357	11 8.4	−49	11	6.6			
11 17.5	−49.3								
11 18.1	−49.4								
11 19.9	−49.5	15610	11 20.3	−49	30	9.5			
11 25.5	−49.1								
11 28.0	−49.5								
11 31.4	−49.4								
11 40.7	−49.0								
11 40.7	−49.3	16078	11 40.7	−49	17	8.5			
11 41.0	−49.5	16087	11 40.9	−49	23	8.5			
11 45.5	−49.0	16160	11 45.1	−48	59	8.5			
10 58.1	−49.7								
11 2.0	−49.9	15200	11 1.8	−49	54	7.5			
11 6.7	−49.7	15321	11 6.9	−49	37	8.5			
11 8.5	−49.6	15366	11 8.7	−49	35	7.0			
11 10.2	−49.4								
11 19.0	−49.9								
11 21.7	−49.6								
11 26.0	−50.0								
11 28.0	−50.0								
11 29.0	−49.9	15804	11 29.0	−49	53	8.5			
11 35.0	−49.9	15944	11 35.0	−49	56	6.8			
11 36.0	−49.6	15978	11 36.3	−49	38	8			
11 36.6	−49.5								
11 38.0	−49.8	16012	11 37.8	−49	52	8.5			
11 43.5	−49.5	16130	11 43.2	−49	26	9			
11 45.4	−49.8	16155	11 45.0	−49	46	8.5			
11 48.5	−49.5								

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v. H. bl. Rem. Klinc Int.

17.5	6.2	F	1379	K=H	1
17.7	16.4	a		//	3
17.2	9.1	a		//	1
17.9	9.4	I		K=H	2
17.7	12.6	F	1380	K=H	1
17.2	13.0	a		//	1
17.3	14.6	I		K=H	2
17.3	15.7	a		//	1
17.5	16.1	a		//	2
17.7	17.0	F	1381	K=H	1
17.8	17.6	I		K=H	1
17.7	17.7	H		//	1
17.3	18.5	a		K=.5	2
17.4	18.6	a		K=.5	2
17.9	18.9	a		K=H	1
17.3	20.4	F	1382	K=H	2
17.7	22.9	I		K=H	2
18.1	8.3	H		//	1
18.1	8.5	H		//	1
18.7	8.6	a		//	3
18.4	9.3	I		K=H	2
18.6	11.7	a		K=H	1
18.6	12.1	F	1383	K=H	1
18.7	12.8	a		//	1
18.6	17.7	a		//	2
18.4	18.4	Ma?		//	1
18.7	19.6	H		//	1
19.0	22.6	a		//	2

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1900	A.G.C.	No.	R.A.	1900 Dec.	Magn.	1900 D.M.	No.	R.A.	Dec.	Magn.
h m °			h m °							
1 52.3	−50.1	14972	10	52.3	−50	4				7.4
1 52.6	−50.2	14982	10	52.8	−50	14				6.4
1 1.0	−50.0									
1 2.0	−50.4	15206	11	2.0	−50	25				6.8
1 12.5	−50.4	15445	11	12.2	−50	23				8
1 13.5	−50.2									
1 18.5	−50.3	15568	11	18.3	−50	14				7.2
1 22.6	−50.2									
1 23.4	−50.3	15675	11	23.4	−50	18				8.2
1 26.0	−50.4									
1 28.0	−50.4									
1 28.5	−50.3									
1 30.5	−50.1	15840	11	30.8	−50	10				8.2
1 31.0	−50.1	15846	11	31.2	−50	11				7.8
1 32.2	−50.3									
1 37.0	−50.0	15990	11	36.9	−50	4				7.2
1 45.5	−50.2									
1 58.5	−50.5									
1 59.0	−50.5	15126	10	58.8	−50	27				8
1 59.0	−50.8	15140	10	59.3	−50	49				7.0
1 1.5	−50.7	15195	11	1.6	−50	40				6.6
1 9.5	−50.8									
1 10.6	−50.8									
1 13.0	−50.9									
1 28.5	−50.8	15794	11	28.6	−50	48				8.5
1 30.6	−50.7	15836	11	30.7	−50	44				8
1 34.5	−50.9	15928	11	34.5	−50	58				8
1 44.3	−50.9	16141	11	44.0	−50	51				8.2

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V.	H.	Cl.	Remi	Klinc	Int.
19.0	22.1	H		H	1
18.6	22.8	F	1384	K=H	1
19.7	7.5	a		H	3
19.3	8.2	a		H	1
19.5	8.7	H		H	1
19.2	9.4	H		H	1
19.4	11.3	a		H	1
19.4	11.7	H		H	1
19.6	15.1	a		K=H	1
20.0	16.1	H		K=H	1
19.2	16.2	H		H	1
19.2	16.6	F	1385	K=H	2
19.2	17.2	a		H	1
20.0	17.5	Ma		H	1
19.8	~~17.2~~ 18.3	a		H	1
19.8	19.5	a		H	1
19.4	19.6	H		H	1
19.1	19.9	H		H	1
19.2	21.3	a		H	2
19.7	22.9	a		H	2
19.3	23.5	a		H	1
19.0	23.7	I		K=H	2
20.0	6.6	a		H	1
20.3	7.1	a		H	1
20.0	7.7	a		H	2
20.2	7.8	a		H	3
20.7	10.1	a		K=H	3
21.0	10.8	a		K=H	1

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1900 h m	°	No. A.G.C	1900 R.A.	1900 Dec.	Mag.	L.D.M. No.	R.A.	Dec.	Mag.
11	43.0 – 50.9								
11	45.0 – 50.6								
11	55.5 – 51.3	15058	10	55.8 – 51	17	6.5			
10	58.0 – 51.2	15112	10	58.1 – 51	4	8.2			
10	59.5 – 51.2								
11	1.6 – 51.1								
11	8.2 – 51.2								
11	9.4 – 51.2	15378	11	9.3 – 51	15	8			
11	20.7 – 51.3								
11	24.2 – 51.4								
11	24.6 – 51.1								
11	25.7 – 51.0	15717	11	25.2 – 51	7	7.5			
11	27.4 – 51.1								
11	28.2 – 51.5	15785	11	28.0 – 51	35	8.2			
11	31.1 – 51.4								
11	34.5 – 51.4								
11	34.7 – 51.1	15932	11	34.7 – 51	8	8.5			
11	35.9 – 51.0								
11	40.5 – 51.0	16062	11	40.0 – 51	1	7.5			
11	45.7 – 51.2	16157	11	45.1 – 51	8	7.5			
11	44.1 – 51.0	16195	11	46.7 – 50	55	8.5			
11	48.0 – 50.8	16207	11	47.3 – 50	45	7.2			
10	52.7 – 51.4								
10	53.9 – 51.6	15017	10	54.3 – 51	31	8.2			
10	56.0 – 51.5	15062	10	56.2 – 51	25	7.8			
10	56.4 – 51.6	15073	10	56.5 – 51	32	7.0			
11	4.0 – 51.9	15251	11	3.8 – 51	52	7.2			
11	5.6 – 52.0								

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h	H	Cl.	Remr.	Kline	Int.
20.9	11.2	a		H	1
20.8	13.6	I		K=H	1
21.0	16.9	a		H	1
20.8	18.1	a		H	1
20.6	22.7	F	1386	K=H	1
20.5	23.2	H		H	1
21.6	6.1	a		K=H	1
21.5	6.4	a		H	1
21.6	6.9	H		H	1
21.9	9.7	Ma		H	1
21.3	11.0	a		H	1
21.6	11.6	H		H	1
21.5	11.8	a		H	3
21.2	12.8	F	1387	K=H	1
21.5	14.8	F	1388	K=H	1
22.0	15.0	a		H	1
21.9	15.1	H		H	1
22.0	15.6	a		K=5	3
22.0	16.0	a		H	1
21.2	16.2	a		H	1
21.9	18.0	a		H	1
21.8	18.3	H		H	1
21.7	19.0	I		K=H	1
21.3	20.8	I		K=H	2
21.5	21.4	F	1389	K=H	1
21.3	23.6	H		H	1
22.3	7.9	I		K=H	2
22.3	9.0	a		H	1

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1900		No.	1900	1900			
	D.G.C	R.A.	Dec.	Magn.	D.M. No.	R.A.	Dec.	Magn.
h m			°					
7.5	− 51.9							
15.5	− 51.9							
26.9	− 52.0							
31.0	− 52.0							
45.5	− 51.7							
47.0	− 51.7	16186	11	46.3	−51	33	7.8	
50.4	−52.2							
51.4	−52.2							
53.0	−52.2	16353	11	53.6	−52	12	7.5	
2.4	−52.5	15216	11	2.3	−52	24	8	
6.5	−52.2							
8.6	−52.3							
9.5	−52.3	15380	11	9.3	−52	18	7.0	
12.7	−52.2							
19.6	−52.3							
20.4	−52.6	15616	11	20.5	−52	28	8	
21.0	−52.5							
22.5	−52.6	15651	11	22.2	−52	36	6.3	
23.8	−52.6							
24.5	−52.2							
30.2	−52.6	15830	11	30.3	−52	41	7.5	
31.5	−52.4							
32.8	−52.4	15897	11	33.3	−52	11	8.8	
38.7	−52.1	16032	11	38.7	−52	4	7.2	
41.0	−52.2	16081	11	40.8	−52	8	8.2	
48.4	−52.0							
56.2	−52.6	15067	10	56.3	−52	34	6.9	
0.0	−52.7	15157	11	0.1	−52	34	8.5	

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v H Cl. Reiss Klinc Int.

22.6	9.7	a		H	2
22.3	11.8	K		K=H	3
22.1	12.8	Hb		H	1
22.8	13.7	a		H	2
23.0	13.8	Hb		H	1
22.5	14.5	a		H	3
22.3	14.8	a		H	1
22.9	15.3	a		H	1
23.0	16.5	a		H	1
22.5	17.7	Hb		H	1
22.3	18.1	I		K=H	2
22.8	21.4	a		H	1
23.2	7.5	F	1390	K=H	2
23.6	7.7	a		H	2
23.3	13.3	a		H	1
23.6	17.5	a		H	1
23.8	19.8	Ma		H	2
23.6	20.8	a		H	1
23.5	21.8	a		H	1
24.5	6.5	a		H	2
24.4	9.0	Lb		K=H	2
24.2	10.1	a		H	1
23.9	14.3	a		K=H	1
24.3	18.0	a		H	4

h
0 37m

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1900	No. G.C	1900 R.A	1900 Dec.	Magn	L.D.M. No.	R.A.	Dec.	Magn.
h m ° 1 2.0	−52.8	15212	11 h 2.1 m	−52 ° 44 ′	7.8			
1 9.1	−52.7	15374	11	9.1	−52	41	6.4	
11 13.0	−52.7							
11 15.0	−53.0							
11 16.0	−53.2							
11 18.0	−52.8	15561	11	17.9	−52	49	7.1	
11 19.5	−52.7							
11 21.4	−53.1							
11 25.5	−53.2							
11 29.5	−52.8							
11 30.6	−52.7	15830	11	30.3	−52	41	7.5	
11 41.4	−52.8							
10 54.1	−53.1	15029	10	54.8	−53	0	7.8	
10 54.8	−53.3	15045	10	55.5	−53	9	7.5	
11 14.0	−53.3							
11 29.0	−53.3							
11 35.7	−53.4	15962	11	35.9	−53	24	6.7	
11 39.2	−53.3							
11 42.5	−53.2							
10 50.5	−53.7	14952	10	51.2	−53	33	7.8	
10 59.5	−53.7	15148	10	59.7	−53	39	7.0	
11 3.1	−53.6							
11 17.5	−53.5							
11 30.0	−53.7	15825	11	30.0	−53	42	5.2	

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12h 46m −51.°8

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0h 39m

			& H. 6l. Rem.	Kline Int.	
4.5	17.2	a	K=2	2	
4.6	19.5	a	K=H	2	
5.3	5.7	a	"	2	
5.6	16.6	F	1391 K=H	2	
5.9	23.8	a	"	2	
6.1	10.6	a	"	1	
6.5	12.9	a	K=H	2	
7.0	14.6	a	K=.1	3	
6.3	15.1	a	"	2	
6.3	16.4	a	K=H	1	
6.5	16.8	a	"	1	
6.6	19.2	a	"	1	
6.6	21.0	a	"	1	
7.1	10.4	a	K=.2	4	
7.7	11.5	a	"	1	
7.9	11.6	a	"	5	
7.6	12.0	G	K=H	3	
7.9	15.4	L	K=H	3	
7.2	19.8	a	"	3	
7.5	20.8	F	1392 K=H	2	
8.1	6.8	G	K=H	2	
8.2	8.3	a	"	1	
8.8	9.7	a	"	1	
8.3	9.1	a	"	1	ask Mr. F.
8.5	11.1	a	"	1	
8.9	11.3	G	K=H	1	
8.7	13.2	a	"	1	
8.1	16.6	E	K=H	1	

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1900		No.	1900	1900			No.			
	F.G.C	R.A	Dec.	Mag.		C.D.M.	No.	R.A.	Dec.	Mag.
h m s	°		h m s	° ′						
2 52.5	−46.6	17635	12 52.5	−46 31	7.0	−46°	8291	12 51.1	−46 23.4	7.3
2 59.5	−46.6	17786	12 59.3	−46 35	6.9	−46°	8383	12 57.7	−46 26.7	6.9
2 19.2	−46.9	16902	12 19.0	−46 49	6.8	−46°	7903	12 17.7	−46 40.8	6.8
2 51.0	−47.2	17595	12 51.0	−47 9	7.0	−47°	7972	12 49.6	−47 0.6	7.0
3 11.7	−47.1	18076	13 11.9	−47 4	6.9	−46°	8538	13 10.4	−46 56.9	6.9
2 33.0	−47.4					−47°	7755	12 31.7	−47 15.4	7.9
2 40.2	−47.6	17370	12 39.8	−47 37	7.1	−47°	7830	12 38.4	−47 29.1	7.1
2 44.5	−47.9	17460	12 44.7	−47 55	6.8	−47°	7893	12 43.3	−47 46.7	6.8
2 46.2	−47.6	17488	12 46.5	−47 33	6.7	−47°	7817	12 45.1	−47 24.7	6.7
2 50.4	−47.6	17578	12 50.3	−47 29	8	−47°	7967	12 45.9	−47 31.3	8.7
2 51.5	−47.7					−47°	7979	12 50.2	−47 23.0	9.0
2 58.5	−47.6	17768	12 58.7	−47 36	7.8	−47°	8064	12 57.3	−47 27.5	7.7
3 4.0	−47.6	17895	13 4.0	−47 31	8.5	−47°	8122	13 2.6	−47 23.0	8.8
2 32.5	−47.9	17180	12 32.3	−47 59	4.4	−47°	7745	12 30.9	−47 51.2	4.4
2 35.6	−48.3	17259	12 35.8	−48 16	7.8	−48°	7596	12 34.4	−48 7.8	8.4
2 36.0	−48.4	17269	12 36.0	−48 24	2.4	−48°	7597	12 34.6	−48 16.3	2.4
2 37.5	−48.3	17300	12 37.1	−48 16	5.4	−48°	7618	12 35.7	−48 7.6	5.4
2 47.5	−48.4	17506	12 47.5	−48 24	5.0	−48°	7753	12 46.1	−48 15.7	5.0
3 0.2	−47.9	17811	13 0.4	−47 56	5.3	−47°	8088	12 59.0	−47 47.6	5.3
3 3.5	−48.1	17886	13 3.6	−47 59	7.8	−47°	8120	13 2.2	−47 51.4	8.0
2 21.5	−48.5	~~18285~~ 16955	12 21.5	−48 21	6.7	−47°	7426	12 20.2	−47 13.3	6.7
2 26.2	−48.5	17063	12 26.1	−48 26	8.5	−47°	7477	12 24.8	−47 17.7	8.3
2 30.0	−48.8					−47°	7530	12 28.8	−47 35.5	8.0
		17215	12 33.7	−48 31	8½	−48°	7667	12 32.3	−48 22.9	7.7
2 34.1	−48.7	17226	12 34.3	−48 39	8.5	−48°	7576	12 32.9	−48 30.6	8.1
2 34.6	−48.9	17242	12 34.9	−48 51	7.2	−48°	7583	12 33.5	−48 42.6	7.3
2 40.5	−48.8					−48°	7651	12 39.3	−48 37.6	8.6
2 51.5	−48.5	17618	12 51.8	−48 24	8.5	−48°	7807	12 49.9	−48 17.1	9.0

Star not in Pos. 8.3, 10.9 — assumed to be the one intended.

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v H bl Rutt. Kline Int.

8.4	22.5	J		K=H	2
9.5	6.6	a		N	2
10.0	8.6	a		N	1
9.9	9.3	F	1393	K=H	2
9.4	12.3	a		N	1
9.8	14.4	H6		N	1
9.8	14.5	a		N	1
9.3	15.1	a		N	2
9.4	16.2	a		N	1
9.7	16.8	b		K=H	1
9.3	18.6	a		N	1
9.2	18.8	a		K=2	3
10.0	19.8	B	1394	N	4
9.8	20.0	a		N	1
9.3	20.5	a		N	1
10.6	6.4	a		N	1
10.6	7.4	a		N	4
10.3	9.3	a		N	1
10.7	10.2	a		N	3
10.4	10.6	a		N	1
10.3	11.3	a		N	1
10.4	11.7	F	1395	K=H	1
10.4	13.0	F	1396	K=H	2
10.1	12.7	H6		N6	1
10.6	14.4	H6		K=H	1
10.3	14.8	a		N6	1
10.6	14.9	a		N6	1
10.8	15.1	a		N6	1

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1900	A.G.C.	No.	R.a 1900	Dec 1900	Magn.	L.D.M.	No.	R.A.	Dec.	Magn.
h m 13 8.6	-48.5	18002	13 h 8.9 m	-48° 25′	6.4	-48°	8050	13 7.4	-48 17.5	6.4
12 20.6	-49.2	16937	12 20.6	-49 2	7	-48°	7713	12 19.3	-48 53.6	7.3
12 26.5	-49.4					-49°	7170	12 25.2	-49 13.0	8.9
12 28.6	-49.4	17117	12 28.6	-49 21	6.9	-49°	7195	12 27.2	-49 13.1	6.9
12 38.0	-49.2					-48°	7618	12 36.6	-48 58.4	8.6
12 44.2	-49.4	17454	12 44.3	-49 19	8.2	-49°	7411	12 42.9	-49 11.1	8.1
12 44.5	-49.4					-49°	7417	12 43.3	-49 11.0	9.0
12 46.6	-49.1					-48°	7737	12 45.3	-48 55.2	7.8
12 50.4	-49.1					-48°	7787	12 48.6	-48 53.7	9.0
12 52.0	-49.3					-49°	7513	12 50.4	-49 6.2	8.3
12 57.1	-49.0					-48°	7882	12 55.8	-48 52.1	8.7
12 57.7	-48.9	17744	12 57.5	-49 1	8.8	-48°	7887	12 56.3	-48 51.2	5.5
13 0.6	-49.4	17826	13 1.0	-49 22	4.8	-48°	7644	12 59.6	-49 14.2	4.8
13 1.4	-49.3					-49°	7653	13 0.4	-49 3.4	9.0
13 3.0	-49.0					-48°	7952	13 1.8	-48 49.8	7.9
12 19.7	-49.7					-49°	7074	12 18.3	-49 30.0	8.7
12 22.6	-49.7	16971	12 22.4	-49 47	8.8	-49°	7115	12 21.3	-49 32.1	4.3
12 28.5	-49.4	17119	12 28.7	-49 30	7.2	-49°	7197	12 27.3	-49 22.1	7.3
12 31.1	-49.7	17157	12 31.3	-49 47	6.9	-49°	7233	12 29.9	-49 38.7	6.9
12 32.4	-49.6					-49°	7250	12 31.3	-49 24.5	9.2
12 34.6	-49.6					-49°	7276	12 33.5	-49 25.5	8.8
12 36.2	-49.7					-49°	7294	12 34.6	-49 29.8	8.2
12 40.5	-49.7					-49°	7357	12 38.8	-49 29.4	7.7
12 39.4	-49.5	17352	12 39.1	-49 29	8.2	-49°	7339	12 37.7	-49 20.8	8.1
12 44.2	-49.9	17452	12 44.2	-49 46	7.3	-49°	7408	12 42.8	-49 38.6	7.3
12 45.1	-49.7					-49°	7426	12 44.1	-49 24.3	8.8
12 45.5	-49.9					-49°	7430	12 44.2	-49 35.2	7.8
12 46.1	-49.9					-49°	7445	12 45.0	-49 41.3	9.0

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V. H. Cl Rem. Wm. Klumpke Inst.

10.3	16.7	a		N	1
10.4	18.3	a		N	1
10.7	20.7	H		N	1
10.5	21.4	H		N	1
10.4	23.6	a		N	2
12.0	5.7	a		N	1
11.7	5.6	H		N	1
11.5	7.7	a		N	2
11.4	9.1	a		K=H	2
11.4	10.0	a		N	1
11.7	12.2	a		N	1
11.1	20.1	F	1397	K=H	1
11.8	21.7	a		N	3
11.6	22.5	a		K=H	1
13.0	7.0	a		N	3
12.5	10.9	F	1398	K=H	1
12.8	14.3	a		K=.8	2
13.9	14.1	a		K=H	1
12.8	15.2	F	1399	K=H	2
12.7	15.7	a		K=H	1
12.4	16.5	a		N	3
13.0	16.9	a		K=H	1
12.3	22.5	a		N	1
12.3	18.1	H		N	1
12.3	19.1	H		N	1
13.6	11.1	F	1400	K=H	1
13.9	15.0	H		N	1
13.7	15.9	a		N	1

V=12.9?
H=15.6?

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1900	A.G.C No.	R.a	Dec.	Magn.	C.D. No.	R.A.	Dec.	Magn.
h m °								
2 51.4 −49.6								
					−49° 7506	12 50.0	−49 23.8	9.2
2 56.2 −49.6								
					−49° 7574	12 55.3	−49 21.8	9.2
13 3.7 −49.7	17891	13 3.7	−49 37	7.5	−49° 7680	13 2.4	−49 28.9	8.0
13 6.0 −49.6	17943	13 6.3	−49 32	7.8	−49° 7716	13 4.8	−49 24.0	7.8
13 12.9 −49.4	18100	13 12.8	−49 21	7.2	−49° 7803	13 11.3	−49 13.1	7.5
12 17.1 −50.3					−50° 6934	12 15.9	−50 6.6	8.3
12 17.0 −50.2					−49° 7037	12 15.7	−49 59.6	8.0
12 24.0 −50.1	16996	12 23.5	−50 5	7.5	−49° 7123	12 22.2	−49 57.3	7.8
12 28.0 −50.1	17105	12 27.8	−50 6	7.2	−49° 7184	12 26.4	−49 57.6	7.4
12 30.5 −50.1					−49° 7226	12 29.3	−49 57.8	8.4
12 37.4 −50.4					−50° 7213	12 31.9	−50 7.7	8.6
13 2.1 −50.0	17859	13 2.5	−49 56	8.8	−49° 7659	13 1.0	−49 47.5	8.6
13 7.5 −50.2	17963	13 7.5	−50 10	6.4	−50° 7589	13 6.0	−50 2.2	6.2
13 9.5 −50.1					−49° 7760	13 8.3	−49 49.7	8.7
12 21.5 −50.9	16946	12 21.1	−50 53	5.7	−50° 6975	12 19.8	−50 45.1	5.7
12 33.1 −50.7					−50° 7153	12 31.9	−50 31.6	8.0
12 44.0 −50.9	17448	12 44.1	−50 51	8	−50° 7300	12 42.7	−50 42.4	7.7
12 43.5 −50.9	17438	12 43.3	−50 51	8.5	−50° 7289 95	12 41.9 42.2	−50 42.4 44.8	9.0 8.8
12 48.4 −50.9	17533	12 48.5	−50 49	7.8	−50° 7359	12 47.1	−50 41.2	7.9
12 49.0 −50.8					−50° 7362	12 47.2	−50 39.0	8.8
12 51.4 −50.7	17608	12 51.3	−50 39	5.8	−50° 7394	12 49.9	−50 31.1	5.8
12 52.8 −51.0	17670 51	12 53.3 53.6	−51 16 −50 58	8.2 7.2	−50° 7425	12 51.9	−50 58.3	8.6
13 10.0 −50.5	18035	13 10.1	−50 22	8.2	−50° 7626	13 8.8	−50 17.5	8.6
12 56.8 −50.6	17718	12 56.1	−50 32	8.2	−50° 7456	12 54.7	−50 23.6	8.1
12 59.0 −50.6	17781	12 59.1	−50 30	8	−50° 7500	12 57.7	−50 22.1	8.0
12 33.5 −51.3					−51° 6878	12 32.4	−51 6.2	8.8
12 46.5 −51.5					−51° 7070	12 45.0	−51 15.8	7.8
12 49.5 −51.4					−51° 7117	12 48.0	−51 7.8	8.0

Assumed position to be V=12.9

Assumed H = 15.6

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V 74 Bl. Phot. Klumke Int.

13.8	18.1	F	1401	K=H	1	
13.6	20.3	a		N	2	
13.2	23.3	a		N	3	
14.0	24.0	a		N	2	
14.3	24.3	a		N	2	
14.3	6.0	I		K=H	2	V=14.7?
14.3	7.6	F	1402	K=H	1	
14.5	7.9	F	1403	K=H	1	
14.2	9.2	a		N	3	
14.8	10.2	I		N	2	
14.4	14.5	a		K=.2	2	
15.0	15.2	a		N	2	
14.6	15.5	a		K=H	1	
14.3	19.0	Lo-M		N	1	
14.1	22.0	F	1404	K=H	1	
15.0	24.2	a	1405	N	3	
15.4	6.6	F	1406	K=H	1	
15.5	7.4	I		K=H	2	
15.6	8.7	H		N	1	
15.5	11.0	F	1407	K=H	1	
15.8	11.9	a		K=H	1	
15.5	12.8	F	1408	K=H	1	
15.4	12.9	F	1409	K=H	1	
15.1	15.2	H		N	1	
15.5	14.7	a		K=.5	3	
15.3	15.1	a	1410	N	2	
15.3	16.7	F	1411	K=H	1	
16.0	16.9	a		N	1	

1h 00m

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1900 h		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.	
12	56.4 −51.4					−51° 7200	12 55.0	−51 6.9	8.4	
13	3.5 −51.2	17879	13 3.4	−51 9	9	−51° 7300	13 2.0	−51 0.8	8.0	
13	12.5 −50.8	18093	13 12.6	−50 46	6.7	−50° 7660	13 11.1	−50 37.4	6.7	
13	15.0 −51.2	18151	13 15.1	−51 9	7.2	−51° 7453	13 13.6	−51 0.8	7.4	?
13	16.1 −51.7	~~18178~~	~~13 16.2~~	~~−51 40~~	~~6.5~~					
12	17.0 −51.8	16869	12 17.4	−51 44	7.1	−51° 6630	12 16.1	−51 35.9	7.1	assumed V = 14.7
12	22.6 −51.6	16980	12 22.7	−51 31	8	−51° 6704	12 21.4	−51 23.0	7.8	
12	23.5 −51.7					−51° 6713	12 22.1	−51 29.2	8.4	
12	27.5 −51.6	17102	12 27.8	−51 32	6.9	−51° 6792	12 26.4	−51 23.5	6.9	
12	30.6 −51.9	17148	12 30.7	−51 52	7.1	−51° 6827	12 29.3	−51 43.9	7.0	
12	44.9 −51.7	17464	12 44.8	−51 41	7.8	−51° 7041	12 43.4	−51 33.1	7.6	
12	47.1 −52.0	17500	12 47.0	−51 59	8.5	−51° 7077	12 45.6	−51 50.9	7.7	
12	48.2 −51.8					−51° 7101	12 46.8	−51 35.7	8.2	
12	59.5 −51.6	17792	12 59.7	−51 35	6.9	−51° 7248	12 58.2	−51 26.6	6.9	
13	9.0 −51.4	18004	13 9.0	−51 16	7.5	−51° 7375	13 7.5	−51 8.4	7.7	
13	16.1 −51.7	18178	13 16.2	−51 40	6.5	−51° 7465	13 14.7	−51 32.0	6.5	
12	19.0 −52.2	16907	12 19.2	−52 1	8.2	−51° 6660	12 17.9	−51 52.5	7.8	
12	21.6 −52.3	16956	12 21.5	−52 9	7.5	C.P.D. −52° 5603	12 20.2	−52 0.7	8.0	
12	26.0 −52.3	17054	12 25.8	−52 14	8.5	C.P.D. −52° 5651	12 24.4	−52 6.1	8.2	
12	33.6 −52.3	17202	12 33.3	−52 12	8	C.P.D. −52° 5755	12 31.9	−52 3.8	8.2	
12	36.5 −52.4	17273	12 36.2	−52 19	8.5	C.P.D. −52° 5802	12 34.8	−52 11.3	8.1	
12	39.1 −52.3	17354	12 39.2	−52 12	9.5	C.P.D. −52° 5847	12 37.8	−52 4.3	7.4	
12	39.5 −52.2	17355	12 39.2	−52 12	8	C.P.D. −52° −51° 6977	12 38.2	−51 59.4	9.0	?
12	47.4 −52.0	17500	12 47.0	−51 59	8.5					?
12	45.4 −52.2	17471	12 45.2	−52 14	6.2	C.P.D. −52° 5947	12 43.8	−52 6.3	6.8	
12	46.7 −52.2	17496	12 46.7	−52 7	8.5	−51° 7074	12 45.4	−51 59.2	7.7	
12	52.5 −52.1					−51° 7154	12 50.7	−51 56.3	7.7	
12	52.7 −52.5					C.P.D. −52° 6062	12 51.3	−52 17.7	8.7	

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D. H. Bl. Rem. Klinc Inst.

15.4	19.2	F	1412	K=H	1	1
15.7	19.5	a		K=.4	2	3
15.4	19.7	a		"	1	3
16.0	20.5	g		K=H	2	3
15.4	20.7	a		"	3	3
15.9	20.9	H		"	1	3
15.2	21.4	a		K=H	1	3
15.3	22.3	g		K=H	2	3
15.9	23.1	F	1413	K=H	1	3
16.0	23.6	a		"	3	3
16.7	9.0	a		"	2	2
16.7	9.3	H		"	1	2
16.5	12.4	F	1414	K=H	1	2
16.1	12.8	a		"	1	2
16.2	13.6	a		"	1	2
17.0	12.6	F	1415	K=H	1	2
17.0	14.1	F	1416	K=H	1	2
16.6	14.3	g		K=H	2	2
16.1	15.0	a		K=H	1	2
16.4	15.2	a		K=.2	2	2
17.0	15.9	b		K=H	1	2
16.2	16.0	a		K=H	1	2
16.4	17.2	a		"	1	2
16.3	17.6	F	1417	K=H	1	2
16.9	18.5	F	1418	K=H	1	2
17.0	19.6	a		"	3	3
16.7	20.0	a		"	1	3
17.0	20.2	b		K=H	1	3

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1900		No. A.G.C	1900 R.A	1900 Dec.	Magn	C.D.M. No.	R.A.	Dec.	Magn
13h	0.5m −52.1°					−51°7263	12 59.0	−51 52.9	8.9
13	1.5 −52.3	17837	13 1.6	−52 13	7.5	C.P.D. −52°6187	13 0.0	−52 4.9	8.3
13	1.9 −52.1					−51°7282	13 0.5	−51 51.3	8.6
13	4.5 −52.4	17910	13 4.9	−52 22	var.	C.P.D. −52°6258	13 3.4	−52 14.4	8.0
13	5.0 −52.1	17913	13 5.0	−52 21	6.5	−51°7329	13 3.5	−51 54.0	6.5
13	6.0 −52.3	17934	13 5.9	−52 17	7.6	C.P.D. −52°6276	13 4.4	−52 8.8	8.4
13	7.5 −51.9					−51°7395	13 6.0	−51 44.4	8.5
13	10.4 −51.9	18037	13 10.2	−51 53	7.1	−51°7391	13 8.7	−51 45.1	7.1
13	13.0 −52.2	18105	13 13.0	−52 8	8	−51°7425	13 11.5	−51 59.9	8.0
13	14.5 −52.2	18139	13 14.5	−52 13	6.1	C.P.D. −52°6405	13 13.1	−52 5.4	6.3
12	26.2 −52.8	17076	12 26.6	−52 45	8	C.P.D. −52°5663	12 25.2	−52 37.4	7.4
12	27.6 −52.8	17106	12 27.8	−52 48	8	C.P.D. −52°5683	12 26.4	−52 39.5	8.2
12	37.6 −52.9	17316	12 37.9	−52 45	8.5	C.P.D. −52°5832	12 36.5	−52 37.0	8.1
12	39.0 −52.5					C.P.D. −52°5849	12 37.9	−52 17.2	8.4
12	41.6 −52.6	17408	12 41.7	−52 31	8.5	C.P.D. −52°5889	12 40.3	−52 23.3	7.8
12	38.0 −53.0					C.P.D. −52°5837	12 37.0	−52 49.1	8.1
12	43.4 −53.0					C.P.D. −52°5919	12 42.1	−52 49.7	8.4
12	44.0 −52.8	17445	12 43.9	−52 49	7.5	C.P.D. −52°5927	12 42.5	−52 40.7	7.6
12	46.9 −52.6					C.P.D. −52°5976	12 45.4	−52 21.8	8.4
12	47.7 −52.7	17505	12 47.4	−52 41	7.8	C.P.D. −52°5989	12 46.0	−52 32.7	7.6
12	49.6 −53.0					C.P.D. −52°6024	12 48.1	−52 50.4	8.1
12	50.1 −52.6					C.P.D. −52°6033	12 48.7	−52 25.7	8.0
12	53.7 −52.7					C.P.D. −52°6076	12 52.2	−52 27.3	8.6
12	55.0 −52.7	17698	12 55.2	−52 36	8.2	C.P.D. −52°6098	12 53.8	−52 27.6	7.9
12	58.0 −52.9					C.P.D. −52°6140	12 56.9	−52 43.2	8.4
13	1.6 −52.9	17844	13 1.7	−52 55	6.1	C.P.D. −52°6194	13 0.2	−52 47.4	6.6
13	3.5 −52.7					C.P.D. −52°6227	13 1.8	−52 32.7	8.5
13	4.0 −53.0					C.P.D. −52°6239	13 2.5	−52 44.6	8.4

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			Rutz.			
& H 6 l.			Hone	H. line	Int.	
16.7	23.0	a		H	1	12
17.3	7.9	H		K=H	1	12
17.3	8.5	a		H	2	12
17.6	9.7	a		H	2	12
17.3	11.0	a		H	1	12
17.7	11.5	H		H	1	12
17.7	13.1	F	1419	K=H	1	12
17.5	15.0	G		K=H	2	12
17.6	23.2	F	1420	K=H	1	13
18.1	9.0	a		H	1	12
19.0	20.2	a		K=2	2	13
18.1	12.8	H		H	1	12
18.5	15.9	F	1421	K=H	1	12
18.6	16.2	H		H	1	12
18.4	16.7	a		H	2	12
18.7	16.7	a		H	1	12
18.7	19.1	a		H	2	13
18.4	19.3	a		H	1	13
18.7	20.4	a		K=H	1	13
18.2	21.0	E		K=H	1	13
18.3	24.3	a		H	2	13
18.9	24.3	a		H	2	13
20.0	9.5	a		H	2	12
19.3	10.4	E		K=H	1	12
19.1	11.2	a		H	1	12
19.4	12.1	I		K=H	2	2 3
19.1	13.2	G		K=H	2	3 4
19.8	15.1	I		K=H	2	3 4

H = 19.2 ?

Continued in Book 63. p. 4.

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Nr. 1900	A.G.C. R.A.	Dec.	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
1900 h m °							
3 12.9		-52.7		C.P.D.	-52°6379	13 11.5	-52 25.1	8.3
12 22.1		-53.1		C.P.D.	-52°5616	12 21.4	-52 53.1	7.8
12 24.5	17025	-53.2	8					
	18357	12 24.8	-53 25 7.2	C.P.D.	-52°5638	12 23.3	-52 54.1	7.6
12 28.4	17118	-53.4		C.P.D.	-53°5209	12 27.2	-53 5.0	7.9
12 32.7		-53.3		C.P.D.	-52°5754	12 31.8	-52 55.7	8.2
12 34.5		-53.3		C.P.D.	-53°5259	12 33.4	-53 11.0	8.8
12 40.0	17371	-53.4						
		12 39.9	-53 19 8	C.P.D.	-53°5317	12 38.5	-53 10.6	8.2
12 46.5	17493	-53.3						
		12 46.6	-53 17 6.7	C.P.D.	-53°5359	12 45.2	-53 9.0	7.8
13 13.5		-53.1		C.P.D.	-52°6400	13 12.6	-52 48.8	8.4
12 25.7		-53.4		C.P.D.	-53°5191	12 25.0	-53 16.2	8.8
13 0.5		-54.0						
~~12 57.9 48.7~~	17816							
		13 0.7	-53 58 7.2					
12 39.0	17349	-53.5						
		12 39.0	-53 32 7.5	C.P.D.	-53°5313	12 37.6	-53 24.0	8.6
12 49.5		-53.7		C.P.D.	-53°5384	12 48.3	-53 27.7	8.6
12 50.9	17587	-53.8						
		12 50.8	-53 46 9	C.P.D.	-53°5392	12 49.4	-53 38.5	8.8
12 52.5	17626	-53.7						
		12 52.3	-53 39 7.2	C.P.D.	-53°5405	12 50.9	-53 30.5	7.5
12 52.9	17631	-53.9						
		12 52.3	-53 39 8.5	C.P.D.	-53°5406	12 51.2	-53 43.3	8.6
13 0.6	17814	-53.8						
		13 0.7	-53 45 8.5	C.P.D. -53°	5464	12 59.2	-53 37.2	8.0
13 1.2		-53.6		C.P.D.	-53°5470	12 59.7	-53 23.5	8.7
13 5.0		-53.7		C.P.D.	-53°5510	13 3.6	-53 30.0	8.3
13 6.6		-53.4		C.P.D.	-53°5512	13 5.2	-53 15.8	8.6
13 17.9	18219	-53.4						
		13 18.0	-53 16 7.4	C.P.D.	-53°5586	13 16.5	-53 8.3	7.3
13 18.0	18224	-53.7						
		13 18.2	-53 29 8.2	C.P.D.	-53°5591	13 16.7	-53 20.7	7.9
12 27.6	17107	-54.4						
		12 27.8	-54 25 7.5	C.P.D.	-54°5241	12 26.4	-54 17.4	7.5
12 30.6		-54.2		C.P.D.	-54°5268	12 29.4	-54 1.1	8.8
12 33.0		-54.0		C.P.D.	-53°5249	12 32.2	-53 51.1	8.6
12 36.5	17281	-54.2						
		12 36.5	-54 12 6.8	C.P.D.	-54°5306	12 35.1	-54 4.5	7.7
12 40.4	17385	-54.1						
		12 40.4	-54 4 7.0	C.P.D.	-53°5319	12 39.0	-53 55.8	8.0
12 47.5	17502	-54.4						
		12 47.3	-54 24 6.5	C.P.D. -54°	5360	12 45.9	-54 16.3	7.7

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