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4487	76								
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4685	86								
4686	92								
5871	98								
5869	118								
3396	160								
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4

R.A. 10.7 – 59

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hr	mm					
0	00	V. H. Cl. Rem.	Nr.	Klinkerfues		
		16.5	20.4	F	1810	K=H 3
		16.6	21.0	H		N 1
		17.0	21.2	G		K=H 2
		16.6	21.4	E		K=H 1
		16.5	22.4	a		N 1
Look up for plate		17.2	5.7	a		N 1
" " "		17.2	6.1	a		K=H 2
" " "		17.1	6.4	ma		N 1
		17.6	7.2	H		N 1
		17.1	7.4	a		N 2
		18.0	7.5	a		N 2
		17.3	8.8	a		N 1
		17.2	9.3	H		N 1
		17.0	9.5	a		N 1
		17.3	9.5	a		N 2
		17.8	10.3	B	1811	N 3
		17.0	10.4	a		N 1
		17.0	10.7	a		N 1
		18.0	10.7	a		N 1
		17.5	10.9	a		K=H 1
		17.7	11.4	a		N 1
		17.7	11.5	a		N 1
		17.9	11.7	a		N 2
		17.9	11.9	a		N 1
		17.8	12.3	H		N 1
		17.8	12.4	a		N 1
		16.8	13.3	a		N 1

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CPD Dec. 1875 CPD.

1900		No.	1900	1900			No.	R.A.	Dec.	Magn.
			A.G.C.	R.A.	Dec.	Magn.				
h m	°		h m	° ′						
10 21.1	−58.1	14244	10 21.4	−58 5	6.8	−57° 3164	10 20.5	−57 56.6	7.0	
10 19.0	−58.0	~~14182~~	~~10 18.7~~	~~−57 47~~	~~9.8~~	−57° 3093	10 18.2	−57 53.8	8.4	
10 18.5	−57.8	14175	10 18.6	−57 46	6.9	−57° 3069	10 17.7	−57 38.1	7.5	
10 17.5	−58.0	14154	10 17.6	−57 59	8	−57° 3035	10 16.6	−57 51.3	7.9	
10 13.6	−58.0					−57° 2929	10 13.0	−57 54.6	8.0	
						−57° 4612	10 15.7	−57 29.2	8.8	
		15512	11 15.4	−57 36	8¼	−57° 4583	11 14.3	−57 28.2	8.0	
		15489	11 14.3	−57 38	7¼	−57° 4556	11 13.2	−57 30.1	8.4	
11 11.1	−57.5	15416	11 10.9	−57 36	7½	−57° 4498	11 10.2	−57 18.5	9.0	
11 10.6	−57.7	15413	11 10.9	−57 38	8¼	−57° 4486	11 9.6	−57 34.6	7.8	
11 10.0	−57.3					−57° 4465	11 8.9	−57 7.3	8.2	
11 5.1	−57.7	15298	11 5.6	−57 43	8.5	−57° 4387	11 4.5	−57 46.6	7.6	
11 3.5	−57.8	15249	11 3.7	−57 45	7.2	−57° 4335	11 3.2	−57 45.2	8.6	
11 2.5	−57.7	~~15226~~	~~11 2.7~~	~~−57 42~~	~~8.5~~	−57° 4295	11 1.8	−57 42.9	9.0	
11 2.5	−57.9	15215	11 2.3	−58 7	6.9	−57° 4287	11 1.6	−57 33.6	8.4	
10 59.5	−57.5	15152	10 59.8	−57 25	7.2	−57° 4174	10 58.7	−57 16.7	7.2	
10 59.5	−57.9					−57° 4170	10 58.6	−57 43.2	8.5	
10 58.0	−57.9					−57° 4127	10 57.4	−57 44.4	8.4	
10 57.6	−57.4	~~15097~~	~~10 57.6~~	~~−57 39~~	~~8.5~~	−57° 4119	10 57.1	−57 13.2	8.2	
10 57.0	−57.7	15097	10 57.6	−57 39	8½	−57° 4109	10 56.6	−57 31.2	8.6	
10 55.1	−57.7					−57° 4062	10 54.7	−57 29.8	8.4	
10 54.5	−57.6	~~15021~~	~~10 54.4~~	~~−57 27~~	~~8.2~~	−57° 4052	10 54.1	−57 27.2	8.5	
10 53.7	−57.6	15021	10 54.4	−57 27	8¼	−57° 4035	10 53.4	−57 19.4	7.6	
10 52.8	−57.5	~~14970~~	~~10 52.1~~	~~−57 31~~	~~7~~	−57° 4026	10 52.7	−57 16.7	8.4	
10 52.1	−57.6	14967	10 52.0	−57 32	8	−57° 4002	10 51.1	−57 23.1	8.4	
10 51.9	−57.6	14962	10 51.8	−57 33	8	−57° 3998	10 51.0	−57 24.5	8.4	
10 49.0	−58.0					−57° 3916	10 47.7	−57 54.2	8.2	

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δ	H	Cl.	Rem. No.	Kline	Int.
16.5	12.0	A		N	1
16.6	12.2	H		N	1
17.4	13.4	A?	1812	N	1
17.1	13.5	A	1813	N	1
17.5	13.6	A		N	1
18.0	14.2	A		N	2
18.0	14.8	A		N	1
17.6	15.2	E		K=H	1
17.2	15.4	A		N	1
18.0	16.3	E		K=H	1
17.3	17.0	A		N	1
17.3	17.4	A		N	1
17.5	17.9	A	1814	N	2
17.4	17.6	A?	1815	N	2
17.4	17.7	A?	1816	N	2
17.4	17.8	A?	1817	N	2
17.4	18.2	A	1818	N	2
17.7	18.9	A		N	1
17.7	20.8	H		K=H	2
17.2	24.0	A	Moved ink dot on plate	N	3
18.8	7.1	A		K=0.2H	3
18.3	7.2	A		N	1
18.9	8.9	A		N	1
18.6	11.2	Ma		N	1
18.6	11.5	A		N	1
18.7	12.3	E		K=H	1
18.2	13.2	H		N	1
18.5	14.4	H		N	1

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1900	A.G.C. No.	R.A. 1900.	Dec. 1900	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
10h 53.5m			-58° 2.2		-58° 2891	10 52.5	-58 3.3	8.3
10 52.5			-58.2		-57° 4007	10 51.7	-57 59.5	8.6
10 48.4	14984	10 52.7	-58 7	8	-57° 3909	10 47.4	-57 35.3	7.4
10 48.4	14879	10 48.3	-57 43	7.8	-57° 3895	10 46.9	-57 45.1	7.4
10 48.0	14865	10 47.9	-57 53	7.8	-57° 3887	10 46.6	-57 35.2	8.4
10 47.5			-57.7		-57° 3838	10 44.2	-57 18.4	8.0
10 44.6			-57.5		-57° 3793 3794	10 42.1	-57 17.9 18.9	7.8 7.8
10 42.5			-57.4					
10 40.7	14694 719	10 40.4 41.2	-57 33 38	8.8	-57° 3763	10 40.2	-57 29.5	8.4
10 40.0			-57.9		-57° 8741	10 39.3	-57 43.7	8.4
10 36.7	14612	10 37.0	-57 25	7.6	-57° 3663	10 36.0	-57 16.9	8.1
10 34.1	14545	10 34.4	-57 46	8.5	-57° 3608	10 33.4	-57 38.3	8.4
10 32.9	14515	10 33.0	-57 47	9	-57° 3563	10 32.0	-57 38.9	8.8
10 30.6			-57.7		-57° 3463	10 30.0	-57 30.6	8.2
10 32.4	14499	10 32.4	-57 46	7.5	-57° 3508	10 31.0	-57 34.6	7.3
10 32.0	14485	10 31.9	-57 44	7.5	-57° 3506	10 31.0	-57 35.4	8.1
10 31.9	14483	10 31.8	-57 41	7.2	-57° 3499	10 30.9	-57 32.7	7.4
10 29.5	14417	10 29.6	-57 41	6.8	-57° 3431	10 28.7	-57 32.6	7.4
10 27.0	14367	10 27.4	-57 32	8.2	-57° 3366	10 26.4	-57 24.4	8.0
10 19.9	14218	10 20.2	-57 27	7	-57° 3127	10 19.3	-57 19.2	8.0
	13925	10 8.3	-57 34	6.4	-57° 2781	10 7.4	-57 26.5	6.7
11 11.5	15423	11 11.3	-56 48	7.0	-56° 4352	11 10.2	-56 40.4	7.7
11 11.0			-57.1		-56° 4351	11 10.1	-56 58.2	8.8
11 4.1	15272	11 4.7	-56 53	8	-56° 4247	11 3.6	-56 44.5	8.2
10 56.1			-57.2		-57° 4079	10 55.3	-57 1.7	8.8
10 55.0			-57.2		-57° 4048	10 54.1	-57 0.7	8.2
10 52.1	14973	10 52.2	-57 1	7.5	-56° 4016	10 51.2	-56 53.1	7.8
10 49.0	14894	10 49.0	-57 17	8	-57° 3927	10 48.0	-57 9.5	8.3
10 44.6	14807	10 44.6	-57 9	7.5	-57° 3825	10 43.6	-57 0.8	8.4

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δ	H	Cl.	Rem.	Nr.	Klinie	Int.
18.9	14.6	H			N	2
18.9	14.8	a			N	1
18.4	15.2	H			N	1
18.7	15.4	G			K=H	2
18.6	15.5	E			K=H	1
18.9	16.7	a			N	1
18.9	17.0	a			N	1
18.6	17.8	Mar			K=H	3
18.4	17.9	X			K=H	2
18.6	19.1	F	1819		K=H	1
18.8	19.4	a			N	1
18.3	20.0	F,	1820		K=H	3
18.8	20.9	a			K=H	1
19.5	7.6	a			N	2
19.8	7.8	a			N	1
19.6	8.9	a,	1821		N	2
19.3	10.8	a			N	1
19.3	13.3	a	1822		K=6H	3
19.3	13.5	a			K=4H	2
19.4	13.6	a			N	1
19.4	14.3	a			N	1
19.2	14.7	a	1823		N	2
20.0	15.9	a			N	2
19.4	16.3	a			N	2
19.3	19.1	B	1824		N	3
19.5	19.2	B	1825		N	2
19.2	19.6	H			K=H	2
19.0	19.8	a			N	2

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1900		No. H.G.C.	1900 R.A.	1900 Dec.	Mag.	No. C.D.M.	R.A.	Dec.	Mag.	
10h	43.5m – 56.9°	14773 (821)	10h	43.3m – 56° 48 (56)	7.8	-56° 3821	10 42.6	-56 48.4	8.0	
10	42.7 – 56.9					-56° 3805	10 42.1	-56 53.3	8.6	
10	40.9 – 57.2					-57° 3765	10 40.2	-57 4.7	8.6	
10	40.5 – 57.0	14701	10	40.6 – 57 3	7.8	-56° 3737	10 39.6	-56 54.7	8.2	
10	40.0 – 57.1					-57° 3731	10 39.0	-57 1.8	8.6	
10	35.6 – 56.9					-56° 3622	10 34.7	-56 48.7	8.2	
10	34.6 – 56.9	~~14536~~	~~10~~	~~34.2 – 56 44~~	~~6.6~~	ZC. 10h 2452 (36)	10 33.7 (6)	-56 47.3	8½	Not in C.P.D.
10	31.6 – 57.1	14478	10	31.8 – 57 3	5.3	-56° 3544	10 30.8	-56 54.7	7.2	
10	30.9 – 57.2	14461	10	31.3 – 57 10	7.5	-57° 3472	10 30.3	-57 1.9	8.0	
10	26.6 – 57.1	14358	10	27.0 – 57 5	8.2	-56° 3456	10 26.1	-56 57.5	8.0	
10	25.5 – 57.0					-56° 3433	10 24.9	-56 51.4	8.6	
10	23.4 – 57.2	14295	10	23.7 – 57 8	5.4	-57° 3256	10 22.8	-57 0.1	6.4	
10	20.0 – 56.9					-56° 3250	10 19.3	-56 49.9	8.2	
11	9.0 – 56.5	15373	11	9.1 – 56 30	8.2	-56° 4317	11 8.0	-56 22.3	8.3	
11	8.1 – 56.4					-56° 4304	11 7.3	-56 15.4	8.2	
		15268	11	4.4 – 56 31	7	-56° 4238	11 3.3	-56 23.3	7.8	
10	57.4 – 56.9					-56° 4117	10 56.4	-56 35.5	8.4	
10	48.4 – 56.8	14886	10	48.4 – 56 43	6.0	-56° 3947	10 47.4	-56 34.5	6.3	
10	47.5 – 56.8	14861	10	47.7 – 56 45	7.1	-56° 3927	10 46.7	-56 36.5	7.0	
10	47.0 – 56.7					-56° 3924	10 46.4	-56 36.8	8.3	
10	44.5 – 56.7					-56° 3871	10 43.9	-56 36.2	8.6	
10	43.0 – 56.8	14773	10	43.3 – 56 48	7½	-56° 3810	10 42.3	-56 39.9	7.6	
10	38.2 – 56.4	14650	10	38.7 – 56 21	7.5	-56° 3695 (6)	10 37.7	-56 13.3	7.4	
10	37.0 – 56.8	14613	10	37.2 – 56 44	8	-56° 3657	10 36.2	-56 36.2	7.8	
10	34.5 – 56.8	14536	10	34.2 – 56 44	6.6	-56° 3588	10 33.2	-56 36.4	6.3	
10	27.0 – 56.6	14349	10	26.5 – 56 34	6.7	-56° 3448	10 25.6	-56 26.1	7.4	
10	25.0 – 56.8	14325	10	25.0 – 56 44	7.2	-56° 3413	10 24.1	-56 35.7	7.7	
10	24.0 – 56.7	14307	10	24.3 – 56 42	7.2	-56° 3386	10 23.4	-56 33.6	7.3	

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V	H	Cl.	Rem.	No.	Kline	Int.	
19.1	20.2	a			N	1	
19.5	20.7	a			N	1	
19.2	21.9	a			N	1	
20.0	22.0	a			N	1	
20.4	9.1	a			N	1	
21.0	10.6	a			N	1	
20.3	10.9	a			N	1	
20.5	11.1	a			N	1	
21.0	13.0	H			N	2	
20.1	13.4	a			N	1	
20.8	13.5	a			N	1	
20.6	14.4	a			N	1	
20.3	14.8	a			N	3	
20.1	15.1	a			N	1	
20.5	15.6	a			N	1	
20.3	22.1	a			N	1	
20.4	22.6	F	1826		K=H	1	
20.1	24.1	H			N	1	
21.6	6.7	a			N	2	
21.5	7.2	a			N	1	
22.0	9.4	a			N	1	
21.4	11.3	a			N	2	
21.7	16.2	a			N	2	
21.3	16.7	a			N	1	
21.8	16.8	a			N	2	
22.0	18.3	a			N	1	
21.3	20.0	a			K=H	1	
21.4	22.0	a			N	4	

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Mag.	No. C.D.M.	R.A.	Dec.	Mag.
10h 22.7m			− 56° 7′		−56° 3322	10h 21.7m	−56° 40.9′	8.6
10 21.0			− 56.5		−56° 3286	10 20.4	−56 27.1	8.2
10 17.0			− 56.7		−56° 3169	10 16.0	−56 32.4	7.8
10 17.0			− 56.3		−56° 3156	10 16.0	−56 7.5	7.8
11 3.0			− 56.1		−55° 4148	11 2.3	−55 59.2	8.5
10 58.0			− 55.9		−55° 4077	10 56.9	−55 44.0	8.6
10 57.0			− 56.2		−56° 4111	10 56.0	−56 5.8	8.4
10 56.0			− 56.2		−56° 4095	10 55.1	−56 2.0	8.0
10 49.0			− 55.9		−55° 3952	10 48.4	−55 45.2	8.0
10 48.0			− 56.4		−56° 3936	10 47.1	−56 13.1	8.6
10 47.4			− 56.0		−55° 39 27	10 46.9	−55 53.5	8.7
10 44.0			− 56.1		−55° 3869	10 43.4	−55 57.7	8.5
10 42.5			− 56.2		−55° 3800	10 41.9	−56 5.9	5.3
10 41.5			− 56.4		−56° 3770	10 41.0	−56 12.8	9.0
10 39.0			− 56.1		−56° 3714	10 38.9	−56 3.8	8.6
10 16.7			− 56.4		−55° 3259	10 15.5	−55 59.3	7.8
					~~−56° 3156~~	~~10 16.0~~	~~−56 7.5~~	~~7.8~~
10 14.5	14079	10 14.8	− 56 4	8.5	−55° 3212	10 13.9	−55 56.1	8.2
	13951	10 9.8	− 56 5	7¼	−55° 3066	10 8.9	−55 58.2	7.9
11 11.9			− 55.4		−55° 4251	11 10.3	−55 19.8	8.4
11 9.7			− 55.4		−55° 4230	11 8.8	−55 21.9	8.1
11 1.8			− 55.3		−55° 4134	11 0.9	−55 14.3	8.6
					−55° 4038	10 54.6	−55 32.1	7.6
10 37.1	14624	10 37.5	− 55 33	7.5	−55° 3729	10 36.5	−55 24.9	7.7
10 36.5			− 55.5		−55° 3695	10 35.0	−55 37.6	8.4
10 35.4	14571	10 35.4	− 55 28	7.8	−55° 3682	10 34.4	−55 20.3	7.3
10 30.0			− 55.4		−55° 3578	10 29.5	−55 16.0	8.5
10 24.0			− 55.7		−55° 3469	10 23.1	−55 34.0	8.0
10 17.4	14145	10 17.2	− 55 33	5	−55° 3286	10. 16.3	−55 24.8	4.8

Identified assuming H = 24.1

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v	H	Cl.	Rem.	Klino	Sht.	
21.4	22.6	a		N	2	10
21.2	22.7	a		K=H	2	10
22.3	6.3	a		N	1	11
22.6	7.3	a		N	1	11
23.0	10.4	F	1821	K=H	1	10
22.2	11.7	H		N	1	
22.6	12.7	H		N	1	10
22.3	15.1	H		N	1	1
22.3	15.5	H		N	1	1
22.6	16.8	a		N	2	1
22.5	16.9	G	1828	K=H	3	10
22.9	18.1	H		N	1	1
22.9	18.6	a		N	2	1
22.4	23.5	a		N	2	1
22.3	23.8	H		N	1	1
22.1	23.6	a		N	1	1
23.2	6.6	a		N	1	11
23.6	13.4	H		N	2	10
23.2	14.3	a		N	1	10
23.6	17.0	a		N	2	1
23.7	19.7	a		N	2	1
23.8	20.6	K		K=H	2	1
23.4	21.8	a		N	1	1
23.3	22.6	a		N	3	1
23.4	23.9	B	1829	N	3	1
24.3	8.3	a		N	2	11
24.3	12.1	a		N	1	10
24.8	12.6	a		N	2	10
24.8	16.0	a		N	1	10

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1900	A.G.C. No.	R.A. 1900	Dec. 1900	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
h m °		h m ° ′						
10 15.2 − 55.5	14085	10 15.1 −55 32	7.2		-55 3229	10 14.4	-55 23.7	7.6
10 15.0 − 55.7	14083	10 15.0 −55 37	6.5		-55° 3220	10 14.1	-55 29.3	7.4
11 12.6 − 54.9	15443	11 12.1 −55 0	8		-54° 4436	11 11.4	-54 56.5	7.8
11 9.0 − 54.8					-54° 4400 4402	11 8.2	-54 50.2 49.9	8.6 8.5
10 58.1 − 54.9	15120	10 58.4 −54 54	8.5		-54° 4264	10 57.3	-54 46.3	8.3
	15007	10 53.8 −55 15	7¼		-55° 4018	10 52.8	-55 6.9	8.3
10 50.6 − 55.1	14936	10 50.4 −55 5	7.5		-55° 4145	10 49.4	-54 57.3	8.1
10 41.0 − 55.2	14706 27	10 41.4 −55 12 6	8.2		-55° 3813	10 40.4	-55 8.1	8.8
10 40.0 − 55.2	14685	10 40.1 −55 16	8.5		-55° 3778	10 39.1	-55 7.9	8.6
10 35.5 − 55.1	14569 73	10 35.4 −55 5	7.5 8		-54° 3916	10 34.4	-54 57.5	6.8
10 34.6 − 55.1	14569	10 35.3 −55 5	5		-54° 3915	10 34.3	-54 57.4	5.8
10 31.4 − 54.9	14452	10 31.2 −54 54	7.5		-54° 3826 9	10 30.2	-54 45.7 8	8.0 ~~8.4~~
10 29.5 − 54.9	14408 14410	10 29.4 −54 53 52	7 7.5		-54° 3795 3797	10 28.4	-54 44.6 44.2	8.0 7.9
10 12.2 − 55.1	14029	10 12.2 −55 1	7.2		-54° 3382	10 11.4	-54 53.9	7.4
10 11.0 − 55.1	13998	10 11.4 −55 3	7.1		-54° 3351	10 10.5	-54 55.8	7.9
10 11.5 − 55.2	14008 4	10 11.5 6 −55 11	7.8		-55° 3123	10 10.7	-55 4.2	7.8
					~~-54° 3382~~	~~10 11.4~~	~~-54 53.9~~	~~7.4~~
11 11.9 − 54.6	15433	11 11.5 −54 40	7.8		-54° 4419	11 10.4	-54 31.6	8.2
10 47.1 − 54.6	14862	10 47.8 −54 37	7.5		-54° 4109	10 46.8	-54 28.4	8.0
10 44.5 − 54.8					-54° 4064	10 43.7	-54 41.9	8.0
10 34.2 − 54.6	14562	10 35.0 −54 36	7.5		-54° 3909	10 34.0	-54 27.8	7.6
10 26.0 − 54.5	14347	10 26.1 −54 28	7.8		-54° 3740	10 25.1	-54 20.2	8.0
10 23.0 − 54.4	14277	10 23.0 −54 22	6.2		-54° 3651	10 22.0	-54 14.4	7.4
10 18.1 − 54.6	14173	10 18.5 −54 33	8.5		-54° 3529	10 17.6	-54 25.3	7.8
10 15.5 − 54.5	14105	10 15.8 −54 32	5.4		-54° 3474	10 14.9	-54 24.1	7.2
10 11.2 − 54.5	14002	10 11.6 −54 28	6.9		-54° 3356	10 10.6	-54 21.2	6.5
11 5.0 − 54.1	15290	11 5.3 −54 10	7.5		-54° 4354	11 4.2	-54 2.3	7.7
10 51.8 − 54.2					-57° 4182	10 51.2	-54 12.3	8.2
10 49.5 − 54.0	14937	10 50.4 −54 2	8		-53° 4224	10 49.4	-53 53.8	7.7
10 38.0 − 54.0					-53° 4074	10 37.5	-53 52.8	8.0
10 12.6 − 54.1					-54° 3443	10 14.0	-54 13.3	8.6

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23 20

V. H.	Cl.	Rem. Nr.	Klinc	Int.
3.9	8.5	J	K=H	3
4.8	16.9	J	K=H	2
4.9	17.3	J	K=H	2
5.4	15.6	K	K=H	4
5.4	18.3	H	N	1
5.7	21.5	a	N	2
6.5	8.8	H	N	1
6.7	9.9	H	N	1
6.5	14.7	G	K=H	4
6.5	21.0	H	N	1
7.3	11.0	H	N	1
7.8	12.5	a	N	1
7.8	15.3	K	K=H	3
7.6	24.1	a	N	3
8.2	15.8	H	K=H	1
8.4	16.8	K	K=H	3
8.5	18.3	a	K=H	2
8.7	20.8	K	K=H	3
8.8	23.7	F1	1830 K=H	2
9.4	8.1	a	N	1
9.4	10.6	F1	1831 K=H	1
9.7	17.8	a	N	2
9.7	15.2	H	K=H	1
9.4	15.7	a	N	1
9.4	19.5	J	K=H	2
9.7	20.4	H	N	1
9.9	21.2	H	N	1
9.9	21.7	H	N	1

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1900		No.	1900	1900		No.			
	A.G.C.		R.A.	Dec.	Magn.	C.D.M.	R.A.	Dec.	Magn.
21h 36.3m	-23.8°	29692	21h 36.3m	-23° 43′	5.8				
21 18.4	-23.2	29322	21 18.4	-23 11	6.8				
21 17.2	-23.2	29306	21 17.2	-23 6	6.0				
1855									
21 18.5	-23.1								
		B.D. No.	R.A. (1855)	Dec. (1855)					
21 12.5	-23.0	-22° 5668	21 12.4	-22 60	8.2				
21 5.8	-22.8	-22 5630	21 5.7	-22 48	7.0				
21 33.5	-22.6	-22 5745	21 33.3	-22 35	7.8				
21 31.0	-22.4	-22 5735	21 30.8	-22 22	7.5				
21 20.5	-22.4	-22 5692	21 20.5	-22 26	5.7				
21 6.9	-22.4	-22 5635	21 6.7	-22 25	7.7				
21 28.5	-22.2	-22 5726	21 28.5	-22 9	7.8				
21 25.4	-21.9	-21 6039	21 25.2	-21 55	8.4				
21 19.0	-21.8	-21 6020	21 19.0	-21 49	6.4				
21 0.3	-21.8	-21 5933	21 0.2	-21 46	5.3				
21 18.3	-21.7	-21 6016	21 18.1	-21 37	7.5				
21 16.0	-21.5	-21 6007	21 15.9	-21 28	5.3				
21 13.0	-21.4	-21 5992	21 12.8	-21 26	7.2				
21 7.5	-21.2	-21 5974	21 7.4	-21 15	5.5				
21 1.5	-21.1	-21 5940	21 1.3	-21 9	6.5				
21 35.0	-21.1	-21 6076	21 34.8	-21 4	8.5				
21 29.5	-21.1	-21 6054	21 29.5	-21 4	8.7				
21 27.0	-20.9	-20 6238	21 26.8	-20 54	7.5				
21 19.5	-20.8	-20 6211	21 19.3	-20 50	7.6				
21 18.4	-21.1	-21 6017	21 18.2	-21 3	8.5				
21 10.2	-20.9	-20 6178	21 10.2	-20 56	6.8				
21 8.5	-20.8	-20 6170	21 8.4	-20 46	7.3				
21 6.9	-20.7	-20 6165	21 6.7	-20 40	7.0				
21 5.9	-20.7	-20 6159	21 5.7	-20 41	7.3				

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λ	H	Cl.	Pun.	Kline	Int.
9.4	22.5	F	1832	K=H	1
9.6	23.9	H		K=H	2
10.0	5.9	a		N	1
10.4	7.5	a		N	1
10.9	3.9	a		N	3
10.6	8.6	H		K=H	2
10.9	10.0	F	1833	K=H	2
10.0	11.9	F	1834	K=H	3
10.6	14.4	H		N	1
10.8	17.2	a		N	1
11.0	18.1	a		N	1
11.0	20.2	a		K=H	1
12 8	9.7	F	1835	K=H	1
11.7	10.6	a		N	2
11.7	11.7	F	1836	K=H	1
11.7	13.5	a		K=H	2
11.8	14.2	F	1837	K=H	2
11.1	14.6	a		N	1
11.5	15.4	H		N	1
12.0	15.5	H		N	1
12.4	8.2	G		K=1.5H	3
12.4	9.2	H		N	1
12.7	10.9	H		N	2
12.6	11.6	a		N	1
13.0	12.9	a		N	1
13 0	16.2	H		N	1
12.6	18.0	G		K=H	1
13.8	5.9	a		K=H	1

V = 10.5 ~~10.5~~ ?

V = 11.8 ?

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1855	~~W. 15.4~~	~~26.X – 20.7~~ 3.8 – 20.9	~~3.5 – 20.6~~ 1.0 – 20.8	39.5 – 20.3	35.9 – 20.6	35.2 – 20.3	33.7 – 20.5	30.8 – 20.3	27.6 – 20.7	21.5 – 20.4	15.2 – 20.3	13.3 – 20.2	9.1 – 20.1	31.5 – 19.9	29.6 – 19.9	27.2 – 19.9	23.3 – 19.9	22.0 – 19.8	21.0 – 20.2	19.1 – 19.9	19.0 – 19.7	34.6 – 19.5	32.5 – 19.6	29.0 – 19.4	27.5 – 19.4	25.2 – 19.2	17.6 – 19.2	13.6 – 19.4	39.7 – 18.9
h	~~No.~~	~~1900~~																										
	~~D.G.C.~~	~~R.A. Dec~~																										
	~~D. No.~~	R.A. (1855)	Dec.	Magn.																								
21			-20	6151	21	3.8	-20	55	7.3																				
21			-20	6140	21	1.0	-20	46	7.0																				
21			-20	6293	21	39.6	-20	14	7.5																				
21			-20	6278																									
21			-20	6270	21	35.1	-20	17	6.5																				
21			-20	6266	21	33.6	-20	28	7.5																				
21			-20	6257	21	30.7	-20	16	7.5																				
21						26.7 ?																							
21			-20	6219	21	21.4	-20	24	8.3																				
21			-20	6204	21	15.2	-20	18	8.5																				
21			-20	6192	21	13.2	-20	9	8.5																				
21			-20	6173	21	9.0	-20	6	8.3																				
			-19	6141	21	31.4	-19	52	8.5																				
				6143	21	31.4	-19	52	9.3																				
21			-19	6136	21	29.5	-19	52	7.8																				
21			-19	6126	21	27.2	-19	52	8.5																				
21			-19	6113	21	23.3	-19	52	7.3																				
21			-19	6107	21	21.8	-19	47	6.5																				
21			-20	6216	21	20.9	-20	10	8.2																				
21			-19	6099	21	19.1	-19	56	8.0																				
21			-19	6098	21	18.9	-19	41	7.5																				
21			-19	6152	21	34.5	-19	31	5.0																				
21			-19	6146	21	32.5	-19	33	7.5																				
21			-19	6133	21	28.9	-19	23	7.7																				
21			-19	6128	21	27.4	-19	25	8.2																				
21			-19	6117	21	25.1	-19	12	8.7																				
21			-19	6094	21	17.6	-19	12	8.0																				
21			-19	6081	21	13.6	-19	21	8.0																				
21			-18	6013	21	39.7	-18	53	7.7																				

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V H Cl. Rem. Nr. Klum Int.

13.3	10.7	F	1838	K=H	2
13.4	11.2	F	1839	K=H	2
13.9	19.9	a		N	4
14.3	6.4	H		N	1
14.3	15.8	a		N	1
15.6	5.8	a		N	2
15.7	8.5	J		K=H	1
15.7	10.4	H		N	1
15.6	13.6	a		N	1
15.6	15.0	a		N	1
15.5	15.7	F	1840	K=H	1
15.1	19.8	a		K=H	2
15.2	21.3	g		K=H	3
16.7	9.4	a		K=0.5H	5
16.3	17.9	g		K=1.2H	4
16.6	24.1	H		N	1
16.0	23.6	a		N	1
17.7	6.1	a		N	5
17.7	22.0	F	1841	K=H	2
17.9	16.9	a		N	1
17.4	18.1	e		K=H	2
17.6	19.4	g		K=H	2
17.8	21.1	a		K=H	1
18.2	7.4	a		N	2
18.6	8.2	H		N	1
18.2	20.0	e		K=H	1
18.5	23.8	a		N	2
19.8	14.3	H		N	1

H = 12.5?

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1855	~~Hy. C.~~	~~No. R.A. Dec.~~ BD. No.	R.A. (1855)	Dec.	Magn.	C.D. No.	R.A.	Dec.	Magn.
h m	°								
21	29.2 −19.1	−19 6134	21	29.2	−19	5	7.5		
21	28.4 −19.1	−19 6131	21	28.3	−19	2	7.8		
21	9.9 −18.6	−18 5903	21	9.8	−18	35	5.8		
21	38.5 −18.6	−18 6007	21	38.4	−18	35	7.5		
21	18.6 −18.5	−18 5936	21	18.4	−18	30	8.8		
21	39.7 −18.0	−17 6373	21	39.6	−17	58	7.5		
21	34.0 −17.9	−17 6349	21	33.9	−17	52	7.5		
21	30.0 −17.9	−17 6329	21	29.9	−17	51	7.8		
21	23.2 −17.9	−17 6302	21	23.2	−17	54	8.3		
21	20.2 −17.9	−17 6288	21	20.3	−17	53	8.5		
21	18.9 −17.9	−17 6270	21	18.7	−17	54	8.5		
21	10.2 −18.1	−18 5904	21	10.1	−18	4	7.5		
21	7.0 −17.9	−17 6216	21	7.0	−17	56	6.5		
21	32.1 −17.3	−17 6340	21	32.1	−17	19	3.5		
21	14.4 −17.5	−17 6245	21	14.2	−17	27	4.2		
21	1.5 −17.2	−17 6193	21	1.3	−17	12	7.0		
21	2.4 −17.6	−17 6196	21	2.3	−17	32	8.3		
21	39.2 −16.8	−16 5943	21	39.0	−16	47	3		
21	25.3 −21.9	?							
21	16.4 −16.7	−16 5856	21	16.3	−16	41	7.9		
21	14.0 −16.9	−16 5850	21	13.8	−16	53	7.5		
21	11.2 −16.8	−16 5840	21	11.2	−16	47	6.8		
21	7.5 −16.7	−16 5827	21	7.5	−16	41	8.3		
21	10.0 −16.5	−16 5833	21	9.8	−16	30	7.8		
21	2.1 −16.3	−16 5810	21	2.1	−16	17	7.2		
21	22.0 −15.8	−15 5995	21	22.0	−15	47	8.3		

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V H Cl. Rem Kline Int

19.6	15.9	H	N	1
19.7	18.3	H	N	1
19.5	21.1	Nebs.	N	2
19.7	21.4	a	N	1
19.9	22.8	E	K=H	1
20.5	7.3	a	K=0.5H	3
20.4	8.7	a	K=H	2
20.2	10.3	H	N	1
20.2	18.0	F 1842	K=H	1
20.3	20.7	a	N	2
20.5	21.3	a	N	1
20.7	22.2	a	N	1
20.8	23.0	a	N	1
20.9	23.2	a	K=0.5H	2
21.3	8.0	a	K=0.5H	2
21.9	8.7	G	K=1.2H	3
21.4	14.0	J	K=1H	2
22.0	14.5	H	N	1
21.5	16.5	a	K=0.2H	3
21.9	19.2	a	K=0.2H	3
22.3	9.8	H	N	1
23.0	10.3	a	N	1
22.8	15.5	a	N	2
23.0	15.5	H	N	1
22.9	19.1	a	N	2
23.1	12.3	H	N	1
24.2	17.1	a	K=H	3
23.9	19.5	a	K=0.5H	2
23.4	20.5	a	N	2
23.5	21.3	a	N	2

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	1855	No.	~~1900~~	~~1900~~		C.D.M.	R.A.	Dec.	Mag.
	~~A.G.C.~~	~~R.A.~~	~~Dec.~~	Magn					
h	m	°	B.D. No.	R.A. (1855)	Dec.				
21	18.5	−15.9	−15 5983	21	18.4	−15	52	7.8	
21	13.6	−15.8	−15 5958	21	13.5	−15	46	8.0	
21	7.7	−15.8	−15 5935	21	7.7	−15	46	5.0	
21	7.3	−15.7	−15 5929	21	7.1	−15	44	7.5	
21	4.2	−15.6	−15 5913	21	4.3	−15	35	7.5	
21	36.1	−15.4	−15 6052	21	36.1	−15	24	6.5	
21	33.6	−15.5	−15 6037	21	33.5	−15	30	7.2	
21	30.5	−15.6	−15 6027	21	30.3	−15	33	7.2	
21	14.5	−15.6	−15 5963	21	14.3	−15	32	8.0	
21	8.6	−15.4	−15 5938	21	8.6	−15	25	8.0	
21	7.5	−15.3	−15 5931	21	7.4	−15	19	9.0	
21	5.9	−15.3	−15 5922	21	5.7	−15	14	8.3	
21	4.1	−15.2	−15 5911	21	4.1	−15	9	7.8	
21	3.7	−15.1	−15 5908	21	3.7	−15	4	6.3	
21	35.2	−15.1	−15 6046	21	35.2	−15	4	6.2	
21	33.9	−14.7	−14 6102	21	33.6	−14	42	5.5	
21	22.8	−14.9	−14 6027	21	22.7	−14	56	7.0	
21	21.8	−14.7	−14 6039	21	21.7	−14	40	7.0	
21	17.5	−14.9	−14 6020	21	17.4	−14	54	7.2	
21	11.9	−14.6	−14 5997	21	11.8	−14	37	6.7	
21	31.5	−14.5	−14 6094	21	31.3	−14	32	7.0	
21	30.4	−14.2	−14 6088	21	30.3	−14	11	8.0	
21	19.5	−14.2	−14 6026	21	19.5	−14	13	7.3	
21	15.5	−14.1	−14 6010	21	15.4	−14	8	7.8	
21	12.2	−14.1	−14 5999	21	12.2	−14	6	7.5	
21	26.5	−14.1	−14 6070	21	26.4	−14	8	8.0	
21	16.1	−13.5	−13 5923	21	16.3	−13	29	6.0	
21	11.5	−13.7	−13 5904	21	11.4	−13	39	7.2	
21	9.5	−13.9	−13 5897	21	9.3	−13	52	6.7	
21	8.1	−13.8	−13 5891	21	8.0	−13	48	6.5	

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1893phae.proj..880F

R.A. 21.4 – 32.3

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v	H	Cl.	Rem	No	Klue	Int.	
4.4	10.9	Ė			K=H		1
4.1	18.2	à			K=0.3 H		3
5.2	7.7	à			N		1
6.8	8.0	ẏ			K=H		3
6.1	10.9	à			N		2
6.3	19.5	Ė			K=Ḣ		2
7.4	19.2	à			N		1
8.7	6.2	Ḣ			N		1
9.0	10.6	Ė			K=H		2
9.8	11.9	Ḣ			N		1
9.2	22.2	à			N		1
11.0	6.8	Ḣ			N		1
10.9	8.5	F		1843	K=H		1
10.3	12.3	F		1844	K=H		2
10.8	17.5	à			N		3
10.8	19.0	à			N		1
12.1	7.7	à			K=H		2
12.9	10.0	Ḣ			N		1
12.4	11.3	Ḣ			N		1
13.0	12.5	Ė			K=H		1
12.3	15.1	à			N		1
13.6	6.9	F		1845	K=H		2
13.4	9.0	Ḣ			N		1
13.3	11.5	Ḣ			N		1
13.8	14.9	à			K=0.2 H		3
14.0	21.1	?			N		1
13.4	23.6	à			N		4
15.0	14.5	Ė			K=H		1

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h	m °		h	m ° ′					
21	14.0 −26.8	29240	21	14.0 −26 46	6.7				
21	30.2 −26.7	29577	21	30.4 −26 37	6.0				
21	6.9 −27.2	29081	21	6.9 −27 7	8.5				
21	7.4 −28.1	29093	21	7.4 −28 2	5.8				
21	14.0 −27.7	29239	21	14.0 −27 38	7				
21	33.1 −27.8	29632	21	33.3 −27 45	6.8				
21	32.5 −28.4	29617	21	32.7 −28 20	8.2				
21	2.9 −28.9	28992	21	3.0 −28 53	7.1				
21	13.0 −29.2	29227	21	13.0 −29 11	6.5				
21	15.8 −29.6	29281	21	15.9 −29 36	6.7				
21	39.5 −29.2	29751	21	39.8 −29 11	8				
21	4.2 −30.1	29020	21	4.1 −30 8	6.9				
21	8.0 −30.2	29111	21	8.0 −30 5	7.2				
21	16.6 −29.9	29294	21	16.7 −29 52	7.3				
21	29.0 −30.2	29535	21	29.0 −30 8	6.4				
21	32.6 −30.2	29610	21	32.5 −30 5	8.2				
21	6.0 −31.1	29058	21	6.1 −31 0	8				
21	11.2 −31.3	29190	21	11.4 −31 10	7.2				
21	14.2 −31.0	29251	21	14.3 −30 52	7.8				
21	16.9 −31.3	29292	21	17.1 −31 15	8.2				
21	23.5 −30.9	29442	21	23.5 −30 51	8.5				
21	1.4 −31.6	28956	21	1.6 −31 28	7.2				
21	8.8 −31.5	29127	21	8.8 −31 36	8				
21	14.9 −31.4	29263	21	14.9 −31 23	7.8				
21	23.0 −31.7	29425	21	23.1 −31 41	6.5				
21	37.4 −31.7	29715	21	37.6 −31 42	7.8				
21	41.6 −31.4	29795	21	41.9 −31 22	5.2				
21	21.7 −32.3	29393	21	21.7 −32 14	8				

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Q H bl. Rein Klima Int.

14.5	16.1	F	1846	K=H	1
15.1	9.5	H		N	1
15.7	10.3	a H		N	4
16.0	10.8	H		N	1
16.2	5.5	G$_2$		K=H	3
16.5	11.3	H		N	1
16.1	14.3	H		N	1
15.9	14.8	H		N	1
16.5	20.2	H		N	2
16.5	20.5	H		N	1
17.0	22.3	H		N	1
17.3	7.1	H		N	1
17.4	18.2	a		K=0.4H	3
17.5	21.6	a		N	5
16.8	19.1	F		K=H	2
19.4	10.5	H		N	1
19.2	16.2	a		N	3
21.0	13.5	G$_2$	1847	K=H	2
20.0	19.5	G$_2$	1848	K=H	2
20.5	19.6	H		K=H	2
21.3	13.2	H		N	1
22.3	9.0	a		N	1
22.7	19.9	H		N	1
23.2	18.2	a		N	1
23.9	19.6	H		N	1

H = 9.6?

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.M.	R.A.	Dec.	Magn.	
		h m	°			h m	° ′		
21	25.7	−32.0	29480	21	25.4	−32 13		8.5	
21	9.9	−32.3	29164	21	10.1	−32 14		7.5	
21	11.7	−32.7	29200	21	11.9	−32 36		4.9	
21	13.0	−32.9	29226	21	13.0	−32 47		7.0	
21	0.2	−32.8	28918	21	0.3	−32 44		5.7	
21	14.5	−33.1	29247	21	14.2	−32 56		8	
21	21.5	−32.9	29404	21	22.4	−32 49		8.8	?
21	22.5	−32.8	29406	21	22.4	−32 40		8.5	
21	35.5	−32.9	29667	21	35.7	−32 59		7.0	
21	36.1	−32.9	29683	21	36.3	−32 57		7.2	
21	40.4	−33.2	29761	21	40.5	−33 10		7.0	
21	4.2	−33.4	29021	21	4.2	−33 15		7.2	?
21	30.5	−33.5	29580	21	30.8	−33 29		6.2	
21	38.9	−33.5	29737	21	39.0	−33 29		4.4	
21	33.0	−34.1	29625	21	33.1	−34 7		6.5	
21	12.1	−34.6							
21	26.1	−34.4	29490	21	26.2	−34 24		6.1	
21	19.0	−35.4	29338	21	19.1	−35 17		7.3	
21	29.0	−34.8	29539	21	29.2	−34 46		6.8	
21	34.0	−34.9	29651	21	34.4	−34 59		6.8	
21	18.1	−35.5	29324	21	18.5	−35 24		7.6	
21	8.0	−35.8	29110	21	8.1	−35 47		8	
21	34.6	−36.1	29664	21	35.2	−36 2		7.0	
21	30.5	−36.4	29581	21	30.8	−36 19		7.0	
21	9.5	−36.7	29147	21	9.6	−36 38		6.5	

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R.a. 10h 28m – 62.°3

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G H Cl. Vir. Penn. Klinefelter.

4.3	6.5	H		N	1
4.1	7.7	a		N	1
4.3	12.0	a		N	1
4.0	13.2	a		N	1
3.0	13.9	2	1849	K=H	4
4.2	14.0	a		N	2
4.3	14.2	H		N	1
4.0	14.7	a		N	2
5.0	14.8	a		N	1
5.0	15.8	E		K=H	1
4.8	16.0	2	1850	K=H	3
4.3	16.7	B	1851	N	3
3.4	19.1	a		N	3
4.5	20.4	a		N	2
4.4	20.6	a		K=H	3
5.9	5.7	G	1852	K=H	1
5.1	7.0	H		N	2
6.0	9.8	B	1853	N	3
5.7	13.0	H		N	1
5.9	14.9	a		N	1
6.0	22.4	a		N	1
6.0	23.6	a		N	3
6.7	6.5	a		N	2
6.6	6.8	a		N	1
6.5	8.9	G	1854	K=H	2
6.2	9.1	a		N	1
6.3	12.6	9		K=H	2
6.9	13.4	a		K=H	3

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
9h 57m.5		−56°.5	13683		9h 57m.2		−56 28	6.8
10 1.9		−56.4	13779		10 1.6		−56 24	6.9
10 16.5		−56.8	14138		10 16.9		−56 40	8.5
10 21.0		−56.7						
10 23.1		−57.2	14285		10 23.2		−57 6	7.8
10 24.1		−56.8	14307		10 24.3		−56 42	7.2
10 25.0		−56.8	14325		10 25.0		−56 44	7.2
10 26.6		−56.6	14349		10 26.5		−56 34	6.7
10 27.2		−57.2	14358		10 27.0		−57 5	8.2
10 31.0		−57.2	14458		10 31.3		−57 19	8.5
10 31.9		−57.1	14478		10 31.8		−57 3	5.3
10 34.5		−56.7	14536		10 34.2		−56 44	6.6
10 42.6		−56.2	14767		10 42.9		−56 14	5.8
10 47.6		−56.8	14861		10 47.7		−56 45	7.1
10 48.7		−56.7	14886		10 48.4		−56 43	6.0
9 53.1		−57.2	13599		9 53.4		−57 11	8
9 58.9		−56.9	13714		9 58.5		−56 52	6.6
10 8.5		−57.6	13925		10 8.3		−57 34	6.4
10 20.4		−57.5	14218		10 20.2		−57 27	7
10 27.1		−57.6	14367		10 27.4		−57 32	8.2
10 54.1		−57.5	15021		10 54.4		−57 37	8.2
10 59.5		−57.5	15152		10 59.8		−57 25	7.2
9 56.0		−57.7	13651		9 55.9		−57 39	7.8
9 57.0		−57.6	~~15097~~		9 57.6		−57 39	8.5
10 4.5		−57.7	13843		10 4.9		−57 42	7.2
10 5.5		−57.7	~~15298~~ 13863		10 6.1		−57 43	8.5
10 18.5		−57.8	~~15573~~ 14175		10 18.6		−57 46	6.9
10 21.1		−58.1	14244		10 21.4		−58 5	6.8

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v H Cl. Penn Klinkerfues

7.0	14.1	Ph	1855 K=H	3
6.8	15.2	a	N	2
7.0	15.3	a	K=0.7 H	2
7.5	5.4	a	N	2
8.0	5.7	a	N	2
7.6	9.9	Ima.	N	2
8.0	12.0	B	1856 N	2
8.1	13.1	H	N	1
8.9	14.5	a	K=H	1
8.5	15.5	H	N	1
8.3	16.2	K	K=H	3
8.1	16.2	a	N	2
8.1	16.3	a	N	2
7.9	16.6	a	N	1
7.9	16.8	K?	N	2
8.1	16.8	a	N	2
8.1	16.9	a	N	1
8.0	17.8	E	K=H	3
7.1	16.5	E	K=H	3
7.3	16.8	Ima	N	1
7.6	20.6	a	N	2
7.4	20.7	G	K=H	3
7.7	23.4	a	N	1
7.1	23.5	a	N	1
7.6	23.6	a	N	1
7.6	23.8	a	N	1
7.6	23.9	a	N	1
7.6	24.1	a	N	2

ask Mrs. F.

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m	°		h m	°					
10 24.4	−58.3	14304	10 24.2	−58 14	4.6				
10 28.4	−58.1	14396	10 28.6	−58 2	8.5				
10 29.0	−58.2	14404	10 29.0	−58 9	7				
9 51.0	−57.9	13547	9 51.3	−57 57	6.8				
9 52.0	−58.3	13575	9 52.3	−58 16	8				
10 8.5	−58.4	13923	10 8.2	−58 20	6.8				
10 16.3	−58.7	14116	10 16.2	−58 39	8.2				
10 20.3	−58.8	14214	10 20.1	−58 42	8				
10 25.4	−59.3	14333	10 25.5	−59 6	8	?			
10 29.7	−59.0	14422	10 29.7	−58 54	8				
10 32.5	−59.1	14504	10 32.6	−59 3	5.5				
10 32.6	−58.8	14508	10 32.7	−58 41	7.2				
10 33.0	−58.8	14512	10 32.8	−58 50	9				
10 33.9	−58.6	14540	10 34.2	−58 33	8.5				
10 34.5	−58.7	14558	10 34.9	−58 40	5.5				
10 34.5	−58.8	14560	10 34.9	−58 40	7.5				
10 35.0	−58.9	14561	10 34.9	−58 45	7.2				
10 38.6	−58.8	14656	10 38.9	−58 42	6.5				
10 33.1	−58.2	14528	10 33.6	−58 13	6.6				
10 35.4	−58.3	14566	10 35.2	−58 18	6.8				
10 49.0	−58.4	14902	10 49.3	−58 22	6.9				
10 49.5	−58.3	14910 14912	10 49.4 49.5	−58 19 18	4.1 7.6				
10 59.6	−58.4	15150	10 59.6	−58 14	9.2	?			
11 0.5	−58.2	15171	11 0.5	−58 10	8.5				
11 1.5	−58.1	15194	11 1.6	−58 8	8.5				
11 2.0	−58.2	15207	11 2.0	−58 12	8.5				
11 2.5	−58.2	15225	11 2.7	−58 17	7.5				

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D H Cl Rem. No. Klin. Int.

7.8	24.2	a		N	2
8.7	5.9	a		N	2
8.3	9.8	a		N	1
8.2	10.0	a		K=H	1
9.0	12.2	F	1857	K=H	2
9.0	17.4	C		N	3
8.8	18.1	a		N	2
9.0	16.4	C		N	3
8.5	18.6	a		N	2
8.4	18.7	a		N	1
8.4	19.5	a		N	3
Look up on plate	8.8	18.1	a		N	1
	8.4	22.1	a		N	2
	8.1	22.3	a		N	1
	8.2	23.7	a		N	2
	9.9	7.9	a		N	2
	9.7	10.4	a		N	3
	9.6	11.2	a		K=0.3H	2
	9.3	12.8	a		N	1
	9.7	13.8	a		N	1
	9.8	14.4	a		N	1
	9.4	15.2	F	1858	K=H	1
	9.2	15.4	a		N	1
	9.8	15.4	a		N	2
	10.0	16.1	a		N	1
	9.6	17.4	a		N	2
	9.9	18.1	C		N	3
	10.0	18.6	a		N	1

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1893phae.proj..880F

1900	A.G.C. No.	R.a. 1900	Dec. 1900	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
11h 3m.0		−58°.3	15231		11h 3m.0	−58° 22′	8.2	
9h 52.4		−58.8	13581		9 52.5	−58 38	7.8	?
10 7.5		−58.8	13913		10 7.8	−58 40	8.5	
10 8.5		−58.7	13928		10 8.5	−58 39	8	
10 17.0		−59.2	14140		10 17.0	−59 8	8	
10 37.6		−59.2	14626		10 37.4	−59 9	7.2	
10 40.4		−59.1	14686		10 40.1	−59 1	7	
10 41.1		−59.2	14720		10 41.2	−59 10	var	
10 42.0		−59.0						
10 42.5		−58.9	14758		10 42.5	−58 55	9.5	
10 45.7		−58.8	14827		10 45.5	−58 48	6.7	
10 55.5		−58.7						
10 56.0		−58.6	15068		10 56.2	−58 27	8.2	?
11 1.0		−58.6	15174		11 0.7	−58 29	8.2	
9 59.6		−59.4						
10 9.6		−59.4	13947		10 9.6	−59 25	6.6	
10 12.7		−59.4	14038		10 12.7	−59 24	6.9	
10 19.0		−59.4	14189		10 18.8	−59 15	7.8	?
10 23.0		−59.6						
10 26.0		−59.7						
10 29.2		−59.5	14409		10 29.3	−59 36	7.5	
10 29.5		−59.3	14413		10 29.4	−59 16	8.5	
10 29.1		−59.7						
10 32.2		−59.8	14500		10 32.4	−59 40	8.2	
10 34.5		−59.5	14623		10 34.4	−59 27	7.8	
10 40.1		−59.6	14684		10 40.1	−59 36	6.9	
10 42.0		−59.7	14745		10 42.0	−59 40	8.2	

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Plate 3566

		V H Cl. Rem. Klinkfuss.		
	9.9 18.9	a	N	1
	9.4 19.1	a	N	3
	9.4 19.2	E	K=H	3
	9.3 19.5	a	N	1
	9.6 19.8	a	N	2
	9.4 21.6	F	K=H	2
	9.5 22.9	a	N	2
	9.8 23.3	a	N	2
9.8 23.4?	9.8 22.4	a	N	3
	10.0 20.7	a	N	3
	10.2 7.3	a	N	2
	10.8 5.5	a	N	1
	10.4 7.6	a	N	2
	10.9 7.8	a	K=0,6H	3
	10.4 8.0	a	N	3
	10.8 9.6	a	N	1
	10.4 10.7	a	N	2
no red ink dot on plate?	10.7 14.2	a	N	1
	10.7 17.9	K	K=H	3
	10.8 18.6	a	N	2
	10.8 20.8	F	K=H	2
	11.8 6.9	H	N	1
	11.2 7.4	F 1895	K=H	2
	12.0 12.2	a	N	1
no red ink dot on plate?	11.2 13.7	a	N	1
	11.4 14.5	a	K=H	1
	11.5 15.9	F	K=H	3
	11.5 16.9	a	N	3

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A	Dec.	Magn.
h m 10 43.1	−59.6	14776	h m 10 43.4	−59 ° ′ 34	8.5			
10 44.0	−59.3	14788	10 43.9	−59 21	7			
10 44.4	−59.4	14797	10 44.2	−59 24	6.7			
10 45.5	−59.3	14825	10 45.4	−59 12	8.8			
10 47.5	−59.5	14850	10 47.0	−59 26	7			
10 53.6	−59.2	15004	10 53.7	−59 12	7.0			
10 58.7	−59.3	15123	10 58.6	−59 12	7			
11 0.0	−59.3	15163	11 0.2	−59 20	8			
11 0.6	−59.4	15175	11 0.7	−59 19	7.1			
11 1.8	−59.4	15204	11 1.9	−59 25	7.3			
9 56.9	−59.6	13665	9 56.7	−59 44	7.8			
9 ~~58.2~~ 57.5	−59.9	13700	9 57.9	−59 50	8			
9 58.2	−59.6	13712	9 58.5	−59 38	8.2			
9 58.8	−59.9	13720	9 58.8	−59 56	6.4			
9 59.6	−59.7	13741	9 59.8	−59 41	6.8			
10 6.0	−60.1	13869	10 5.9	−59 55	8.2			
10 10.5	−59.9							
10 39.5	−60.1	14673	10 39.7	−60 3	5.2			
10 42.1	−60.1	14754	10 42.5	−60 5	7			
10 51.5	−59.9	14955	10 51.3	−59 59	var.			
9 54.5	−60.3							
9 56.6	−60.0	13670	9 56.9	−60 1	7.8			
10 16.5	−60.7	14110	10 15.8	−60 37	8.5			
10 25.0	−60.4	14328	10 25.3	−60 23	7.5			
10 30.5	−60.5	14441	10 30.6	−60 29	6.9			
10 35.9	−60.5	14583	10 35.7	−60 28	7.1			

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Plate 3566

α δ H δ Rem Klinkerfues

	11.5	17.8	a	N 2
	11.8	19.8	a	N 2
	11.4	20.3	a	N 2
	11.3	20.6	a	N 1
no red ink dot on plate?	11.6	22.7	E	K-H 2
	12.0	23.1	a	N 1
	12.0	24.1	a	N 1
	12.7	8.2	a	N 1
	12.4	9.2	a	N 2
	12.9	9.9	Ind,	N 3
	12.9	10.4	a	N 2
	13.0	10.8	B 1860	N 3
	12.3	11.7	K	K-1.2H 4
	12.2	13.1	H	N 1
	12.7	13.4	a	N 2
	12.2	14.8	a	N 2
	12.8	14.9	a	N 2
	12.8	15.2	B, 1861	N 3
	12.4	18.1	a	N 1
	12.2	19.6	a	N 3
	12.6	19.9	a	N 2
	12.5	21.7	a	N 3
	12.6	23.4	a	N 2
	12.2	23.5	a	N 1
	12.1	24.4	O	N 2
	14.0	7.2	a	N 3
	13.7	8.6	a	N 3
	13.8	13.1	a	N 2

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
10h 39.5m	-60.6°	14468	10h 39.4m	-60° 37′	8.5			
10 40.0	-60.8							
10 49.5	-60.3	14903	10 49.3	-60 17	7.8			
10 50.0	-60.3	14928	10 50.0	-60 9	8.8			
11 1.0	-60.6	15176	11 0.8	-60 31	8			
11 4.6	-60.4	15276	11 4.7	-60 22	8.5			
9 59.4	-61.0							
10 4.0	-60.8	13823	10 3.9	-60 43	7.5			
10 6.5	-61.1	13882	10 6.2	-61 3	var.			
10 8.5	-61.1	13932	10 8.6	-61 2	7.8			
10 10.0	-61.2	13964	10 10.1	-61 9	6.9			
10 14.0	-60.8	14054	10 13.7	-60 50	3.3			
10 19.5	-60.8	14205	10 19.7	-60 46	8			
10 20.9	-61.1	14239	10 21.0	-61 3	7.5			
10 27.5	-60.8	14362	10 27.1	-60 51	6.9			
10 28.0	-61.2	~~14392~~	~~10 28.5~~	~~-61 11~~	~~3.6~~			
10 29.0	-61.2	14392	10 28.5	-61 11	3.6			
10 40.9	-61.0							
10 46.9	-60.8	14846	10 46.8	-60 44	8			
10 48.5	-61.0							
10 55.2	-60.8	15040	10 55.2	-60 47	7.0			
11 2.0	-60.8	15210	11 2.0	-60 42	9			
11 1.5	-60.6	15209	11 1.9	-60 31	8.5			
11 6.0	-60.5	15305	11 5.8	-60 26	8			
9 54.6	-61.5	13626	9 54.8	-61 27	7.5			
10 0.4	-61.4	13756	10 0.5	-61 24	6.7			
10 19.0	-61.7	14200	10 19.2	-61 34	8			

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v	H	Cl.	Rem	No. Klmc. Int.
13.6	14.1	F	1862 K=H	1
13.5	18.5	a	N	2
13.3	20.5	H	N	2
13.2	21.0	a	N	3
13.3	24.0	a	N	2
14.6	6.4	a	N	1
14.8	7.6	a	N	1
14.3	8.5	H	N	1
14.3	9.7	a	N	3
? 14.8	21.5	a	N	2
14.7	14.5	a	N	1
14.8	19.0	a	N	1
14.9	19.4	a	N	2
14.7	23.2	g	K=H	3
13.7	23.8	(?)	1863	4
15.9	6.1	F	K=H	3
15.1	6.4	a	N	1
15.4	7.7	H	N	1
15.9	8.5	H	N	1
15.8	14.7	a	N	3
15.6	14.5	H	N	1
16.0	14.2	a	N	2
15.5	15.3	a	N	1
15.7	16.8	a	K=H	1
15.5	19.9	a	N	2
15.9	20.2	a	N	2
16.6	5.8	a	N	2
16.8	8.1	H	K=H	2

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No.	1900			No.	1900		
A.G.C.	R.A.	Dec.	Mags.	C.D.M.	R.A.	Dec.	Mags.
1900							
	10h 24.0m	−61.6		14299	10h 23.8m	−61° 31′	8
	10 43.4	−61.6					
	10 50.4	−61.3		14942	10 50.6	−61 18	7
	10 53.0	−61.3		14981	10 52.6	−61 10	7.5
	11 5.0	−61.1		15274	11 4.6	−61 1	9.5
	9 51.0	−61.8		13540	9 51.0	−61 39	8
	9 55.9	−61.9		13655	9 55.9	−61 50	7.8
	9 59.6	−61.6		13742	9 59.8	−61 40	6.9
	10 4.5	−61.7		13834	10 4.4	−61 45	7.8
	10 25.1	−62.1		14332	10 25.4	−62 3	7.8
	10 44.4	−62.1					
	10 46.6	−62.2		14840	10 46.4	−62 6	7.5
	11 2.9	−62.9					
	11 4.9	−61.4					
	9 48.4	−62.3		13466	9 48.1	−62 17	6.3
	9 50.4	−61.9		13519	9 50.2	−61 52	8
	9 55.2	−62.1		13640	9 55.2	−62 6	7.5
	9 58.5	−62.5					
	10 24.9	−62.7		14324	10 24.9	−62 40	7
	10 24.2	−62.5		14306	10 24.2	−62 31	8.9
	10 22.9	−62.8		14280	10 22.9	−62 48	7.5
	10 28.0	−62.5		~~14552 10~~			
	10 34.0	−62.6		14552	10 34.5	−62 32	8.2
	10 48.1	−62.4		14867	10 47.8	−62 23	8
	10 49.1	−62.6		14901	10 49.2	−62 33	8.5
	9 46.9	−62.5					
	9 56.0	−62.9		13659	9 56.2	−62 52	7.2

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α	H	Cl.	Remarks	Klinic	Int.
16.3	12.9	a		N	1
16.6	17.9	a		N	2
16.2	18.6	E		K=H	1
17.9	10.8	a		N	1
17.4	11.0	a		N	1
17.8	14.8	K		K=H	3
17.8	16.0	a		N	2
17.7	17.0	a		N	3
17.1	17.1	a		N	1
17.7	17.5	a		N	2
17.6	17.9	a		N	1
17.4	18.1	a		N	4
18.0	18.6	a		N	3
17.3	19.1	a		N	1
19.0	8.0	H		N	1
18.8	8.2	a		N	1
18.9	8.6	a		N	1
18.5	10.8	a		N	3
18.8	11.7	a		N	1
18.9	12.7	a		N	3
18.3	14.4	a		N	2
18.5	16.9	a		N	2
18.8	17.3	a		N	2
18.4	17.4	a		N	2
18.4	17.6	a		N	3
18.2	17.8	a		N	5
18.0	18.0	a		N	3
19.0	15.4	a		N	1

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1900	No.	1900 A. G. C.	1900 R. A.	1900 Dec.	Mag.	No.	C. D. M.	R. A.	Dec.	Mag.
10h 17.0m		-62.9°								
10 38.1		-63.0	14645	10 38.4	-62 59	8				
10 42.9		-62.8	14765	10 42.7	-62 46	7.8				
10 7.5		-63.6	13912	10 7.8	-63 29	8.5				
10 8.5		-63.4								
10 25.5		-63.6	14337	10 25.5	-63 40	6.1				
10 31.9		-63.6	14472	10 31.6	-63 37	8.5				
10 35.4		-63.6								
10 35.6		-63.3								
10 35.5		-63.6	14587	10 35.9	-63 36	7.0				
10 40.0		-63.6	14681	10 39.9	-63 33	7.8				
10 40.9		-63.5	14702	10 40.5	-63 26	5.6				
10 42.5		-63.7	14769	10 42.8	-63 44	6.2				
10 44.4		-63.3	14805	10 44.4	-63 21	9				
9 54.0		-64.0	13622	9 54.6	-64 1	7				
9 55.2		-63.9	13645	9 55.5	-63 51	8.2				
9 56.1		-64.0								
10 7.1		-63.9	13905	10 7.4	-63 53	7.5				
10 11.0		-64.2								
10 16.0		-64.2	14115	10 16.0	-64 11	6.3				
10 24.0		-63.9	14293	10 23.5	-63 51	8.2				
10 35.1		-64.0	14575	10 35.4	-63 59	7.5				
10 37.1		-64.2	14618	10 37.2	-64 8	7.8				
10 37.6		-64.0	14631	10 37.6	-63 57	7.5				
10 38.9		-63.9	14653	10 38.7	-63 57	5.7				
10 40.0		-63.9	14667	10 39.4	-63 52	2.9				
10 40.5		-63.8	14692	10 40.3	-63 44	6.6				
10 41.5		-64.2								

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D H Cl.	Rem	Kline	Int.
18.5 18.6	a	N	3
18.3 18.4	a	N	3
18.1 18.8	a	N	1
18.6 18.8	a	N	2
18.6 19.5	a	N	1
18.5 21.9	σ Tau	1864 K=H	2
18.5 24.3	a	N	3
19.7 5.6	a	N	1
19.2 9.7	a	N	3
20.0 11.5	a	N	3
19.8 13.0	H	N	1
20.0 13.3	a	N	2
19.6 14.5	a	N	1
19.8 14.9	H	N	1
19.6 16.8	a	N	3
19.5 16.9	a	N	2
19.6 17.2	a	N	3
19.3 22.1	a	N	1
19.2 22.5	a	N	2
19.6 22.8	a	N	3
20.5 6.1	a	N	5
20.4 10.1	a	N	1
20.8 10.4	a	N	2
20.5 12.5	a	N	2
20.9 13.5	a	N	1
20.9 14.6	a	N	3
20.3 15.8	a	N	1
21.8 9 5	a	N	1

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1900	No. A. G. C.	1900 R.A.	1900 Decl.	Magn.	No. C.D.M.	R.A.	Decl.	Magn.
10h 42.0m			63.9°					
10 43.0			63.9		14764	10 42.7	63 57	6.3
10 43.0			63.8		14766	10 42.8	63 49	8.8
10 43.1			64.1		14775	10 43.2	63 52	5.8
10 46.9			64.0		14852	10 47.0	63 57	8
10 58.0			63.8		15108	10 57.9	63 46	7
11 8.6			63.7		15365	11 8.6	63 37	5.7
9 42.1			64.1					
10 1.4			64.2		13788	10 1.7	64 9	7.5
10 9.6			64.8		13963	10 10.0	64 40	7.8
10 16.7			64.6		14134	10 16.7	64 39	7
10 18.2			64.8		14170	10 18.2	64 42	7.8
10 25.5			64.7		14343	10 25.8	64 40	7.2
10 25.6			64.7					
10 35.0			64.6		14559	10 34.9	64 32	7.4
10 35.9			64.5					
10 37.0			64.6		14606	10 36.8	64 35	6.4
10 59.0			64.2		15139	10 59.2	64 9	8.2
11 1.0			64.1		15182	11 0.9	64 5	7.5
11 2.9			64.4		15223	11 2.4	64 18	7
9 44.4			64.7		13389	9 44.6	64 37	3.5
					13390			7.5
10 2.9			64.8					
10 5.1			65.1		13874	10 5.9	65 1	7.2
10 14.0			65.0		14073	10 14.6	64 56	7.5
10 19.0			65.3		14197	10 19.2	65 12	8
					14198			10
10 24.5			65.2		14310	10 24.3	65 12	6.6
10 30.1			65.0		14434	10 30.1	64 51	8
9 59.0			65.5		13740	9 59.6	65 26	7.8

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N
V H Cl. Rem Kline Jnt

21.4	10.8	J	K=17	3
21.8	13.2	a	N	2
21.4	18.6	a	N	1
21.8	21.6	a	N	1
22.3	11.6	a	N	1
22.4	11.8	a	N	3
22.7	12.6	a	N	1
24.0	13.3	a	N	2
23.3	13.8	a	N	4
23 5	15.2	a	N	2
23.3	19.3	a	N	1

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1900			No.	1900	1900		No.			
			G. C.	R.A.	Dec.	Magn	CDM	R.A.	Dec.	Magn.
10h	5.5m	−65.3	13875	10h 5.9m	−65° 19′	5.7				
10	17.5	−65.6	14152	10 17.3	−65 34	8.2				
10	43.6	−65.5	14789	10 43.8	−65 24	8.2				
10	58.1	−65.5								
10	9.0	−65.8	13952	10 9.6	−65 47	8				
10	10.4	−65.9	13983	10 10.7	−65 52	5.7				
10	14.0	−66.1								
10	17.2	−66.8	14150	10 17.2	−66 40	7.8				
10	20.0	−66.4	14216	10 20.0	−66 24	5.4				
10	27.4	−66.5	14363	10 27.1	−66 29	6.7				
10	48.0	−66.3	14866	10 47.8	−66 17	8.2				

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1 32 − 61.7

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Plate 5623 June 9, 1904 8.15 P.M

h 23	30	V H Cl. Rem. Nr. Kline Int.				Br.
		3.9 6.9 a		N	4	B
		5.8 15.6 F	1865	K=H	1	4.02
		5.2 15.7 K?		K=H	3	2.49 / 2.84
		6.6 7.3 F	1866	K=H	1	4.01
		7.0 7.8 a.		K=H	2	3.72
		6.9 14.4 a		N	2	3.11
		7.6 5.6 G5K		K=H	2	3.38 / 3.58
		7.7 10.5 F	1867	K=H	1	4.06
		7.7 10.7 F	1868	K=H	1	3.92
		7.1 15.2 B	1869	N	5	B
		9.0 6.7 a		N	1	4.02
		8.6 8.0 G5K		K=H	2	3.70 / 4.00
		9.0 14.7 a?		K=H	3	2.63
		9.3 15.0 Ma.		N	2	3.95 / 4.18
		11.0 11.4 H		N	1	4.11 / F
	?	9.9 20.2 F	1870	K=H	1	4.20
		9.8 22.3 a		N	1	4.15
		11.8 12.2 F	1871	K=H	2	3.36
		12.0 13.6 H		N	1	4.19 / F
		13.5 6.8 F	1872	K=H	2	3.30
		13.0 11.0 H		N	1	4.27 / F
		13.7 15.3 H		K=H	1	3.82 / 4.12
		13.4 19.6 F	1873	K=H	2	3.05
		14.9 5.9 a		N	2	2.33
		15.0 6.5 G		K=H	2	3.29
		14.6 14.9 a		N	1	3.72
		14.7 15.9 F	1874	K=H	1	4.11
		14.2 16.3 K		K=H	3	2.91 / 3.46

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R.A. 1900	Dec.	No. A.G.C.		R.A. 1900	Dec. 1900	Magn	No. C.D.M.	R.A.	Dec.	Magn.
1h 4.4m	-55.8°	1067 1069	1	4.2m	-55° 47′	8 4.2				
1 35.1	-57.0	1620	1	35.3	-56 56	7.1				
1 35.8	-56.8	1633 1634	1	36.0	-56 42	6.2 6.2				
1 5.0	-57.1	1083	1	5.2	-57 8	6.8				
1 6.0	-57.4	1100	1	6.1	-57 24	6.8				
1 30.3	-57.6	1536	1	30.4	-57 31	6.3				
0 57.8	-57.4	959	0	57.8	-57 33	6.3				
1 15.9	-57.9	1274	1	16.0	-57 52	7				
1 16.4	-57.9	1280	1	16.5	-57 52	6.8				
1 33.8	-57.8	1594	1	34.0	-57 44	1				
1 0.6	-58.4	1015	1	1.0	-58 20	8.2				
1 6.0	-58.2	1097	1	6.0	-58 13	6.6				
1 31.2	-58.7	1551	1	31.5	-58 39	6.0				
1 33.2	-58.8	1580	1	33.1	-58 47	6.2				
1 18.0	-59.8	1312	1	18.4	-59 39	7.5				
2 2.0	-58.9	2097	2	1.2	-58 50	8	?			
1 22.0	-59.9	1365 1366	1	21.5	-60 1	7.2 9.2				
1 27.6	-60.1	1485	1	27.8	-60 6	8.5				
0 59.8	-60.6	982 983	0	59.2	-60 38	7.5 7.5				
1 16.2	-60.6	1279	1	16.4	-60 36	7.5				
1 34.4	-61.0	1603	1	34.4	-61 1	7.5				
1 52.4	-60.8	1908 1909	1	52.1	-60 48	7 7.5				
0 54.4	-61.2	910	0	54.2	-61 14	6.3				
0 57.8	-61.4	950	0	57.2	-61 24	6.9				
1 32.5	-61.5	1567	1	32.2	-61 28	8				
1 37.5	-61.5	1651	1	37.0	-61 30	8				
1 38.0	-61.3	1677	1	38.4	-61 17	6.0				

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Plate 5623

V	H	Cl.	Rem.	Kline	Int.	Br.
14.7	17.0	a		N	3	2.78
14.5	19.7	a		K=H	3	2.60
16.6	8.2	G_2		K=H	3	2.36
16.9	8.4	a		N	1	3.63
15.4	17.5	F	1893	K=H	1	4.02
15.8	20.3	a		K=H	5-	B
15.2	13.9	a		K=H	2	3.78
15.5	11.7	H		N	1	4.35 F
17.6	14.6	a		K=H	2	3.28
18.6	18.3	H		N	1	4.20 F
18.4	20.6	H		N	1	4.11 F
19.3	5.4	Nebs.		N	3	3.50. 3.97
20.1	20.8	F	1896	K=H	1	3.80
21.1	5.5	F	1893	K=H	2	3.42
21.3	6.4	H		N	1	3.80 F
21.4	12.7	H		N	2	3.80 3.90
22.9	14.0	H		N	1	4.40 F
22.9	14.1	H		N	1	4.25 F
24.2	8.2	H		N	1	4.02 F
23 8	15.6	H		N	1	4.30 F
23 6	19.6	H		K=H	1	3.75 4.00

8.55 A.M.

23 30 −61.6

Plate 5581

4.5	9.8	F	1896	K=H	1	
4.4	11.8	H		N	1	
6.0	13.2	a		K=H	1	
5.5	14.1	H		N	1	

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R.a. 1900	Dec.	No. A.G.C.	R.A. 1900	Dec. 1900	Magn	No. C.D.M.	R.A.	Dec.	Mag.
1h 41.5m	-61.5°	1722	1h 41.1m	-61° 31′	6.9				
1 52.5	-61.4	1925	1 52.6	-61 22	6.3				
1 3.5	-62.3	1057	1 3.4	-62 19	5.6				
1 4.3	-62.4	1068	1 4.1	-62 24	7.8				
1 43.5	-61.9	1766	1 43.3	-61 53	7.8				
1 55.4	-62.1	1981	1 55.6	-62 4	2.9				
1 28.2	-61.8	1491	1 28.1	-61 46	7.5				
1 18.2	-61.9	1324	1 18.6	-61 51	7.8				
1 30.0	-62.9	1538	1 30.6	-62 59	6.8				
1 47.5	-63.4	1827	1 47.3	-63 27	8				
1 57.8	-63.3	2020	1 57.5	-63 15	7.7				
0 49.6	-63.5	825	0 49.4	-63 25	6.0				
1 58.5	-64.2	2056	1 59.0	-64 7	6.9				
0 48.4	-64.3	806	0 48.4	-64 17	7.0				
0 52.0	-64.5	875	0 52.2	-64 30	7.2				
1 22.0	-64.9	1373	1 21.7	-64 53	6.3				
1 27.0	-65.6	1474	1 27.3	-65 38	7.7				
1 28.0	-65.6	1488	1 27.9	-65 38	7.0				
0 59.0	-66.0	978	0 58.9	-66 0	6.7				
1 35.5	-66.1	1625	1 35.5	-66 6	7.2				
1 55.2	-65.9	1972	1 55.2	-65 55	6.4				
1 190									
23 10.7	-56.1	31541	23 10.7	-56 5	6.9				
23 17.5	-56.1	31670	23 17.7	-56 6	6.9				
23 22.5	-57.0	31766	23 22.5	-56 59	7				
23 26.0	-56.7	31821	23 25.9	-56 42	7				

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Plate 5581

D	H	Cl	Rem.	Klinc	Int.
6.0	16.7	a		N	2
6.8	9.9	a		K=H	2
6.8	12.5	G2		K=H	3
6.8	15.0	a		K=H	2
7.2	14.7	F1	1879	K=H	1
7.6	20.9	H		N	1
7.9	21.4	G		K=H	1
7.5	23.3	a		N	1
8.1	15.1	F1	1880	K=H	1
9.0	17.0	a		N	1
9.6	10.5	F1	1881	K=H	4
9.9	13.1	G		K=1.2H	3
9.5	15.8	F1	1882	K=H	1
9.6	7.8	a		K=H	1
10.5	6.2	a		K=H	2
10.9	7.6	a		N	1
10.2	19.6	a		K=H	1
10.8	18.7	a		K=H	1
10.9	5.6	a		K=H	2
11.3	7.5	a		N	1
11.9	13.6	H		N	1
11.5	19.4	H		N	1
11.2	20.9	H		N	1
12.8	8.5	F1	1883	K=H	2
12.6	10.2	H		N	1
12.8	10.4	F1	1884	K=H	1
13.0	12.1	a		N	2
12.3	13.1	F1	1885	K=H	1

where is this star?

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m	°		h m	° ′					
23 36.0	−57.0	32025	23 36.8	−56 56	7.8				
23 9.6	−57.3	31526	23 9.6	−57 14	6.6				
23 19.5	−57.4	31714	23 19.6	−57 24	5.7				
23 29.6	−57.4	31900	23 29.5	−57 23	6.6				
23 28.1	−57.6	31867	23 27.9	−57 37	7.2				
23 50.6	−57.8								
23 53.2	−57.8	32327	23 53.3	−57 51	7.0				
0 0.2	−57.6	32435	0 0.3	−57 31	6.7				
23 30.0	−58.1	31907	23 29.8	−58 3	7.5				
23 37.5	−58.7	32032	23 37.2	−58 31	8.2				
23 11.4	−58.8	31563	23 11.6	−58 47	4.0				
23 21.5	−59.1	31750	23 21.5	−59 2	5.7				
23 33.0	−58.9	31953	23 32.4	−58 45	7				
22 54.9	−58.9	31259	22 54.9	−58 58	7.0				
23 0.4	−59.2	31366	23 0.1	−59 14	8.5				
23 46.5	−59.1	32218	23 47.2	−59 7	7.5				
23 47.0	−59.4	32227	23 47.6	−59 24	7.2				
22 51.5	−59.6	31204	22 51.8	−59 37	6.7				
22 59.5	−59.4	31354	22 59.4	−59 26	8.2				
23 23.0	−60.1	31772	23 23.1	−59 59	7.2				
23 46.0	−59.8	32214	23 46.7	−59 46	8				
23 51.5	−59.6								
23 2.6	−60.3	31409	23 2.6	−60 17	7.2				
23 9.0	−60.3	31527	23 9.6	−60 14	7.2				
23 10.0	−60.4	31534	23 10.3	−60 20	8				
23 17.7	−60.6	31659	23 17.2	−60 36	6.4				
23 21.6	−60.3	31738	23 21.2	−60 12	8				

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Plate 5581

α	H	bl.	Rem. No.	Klima Int.	
12.2	19.9	a		N	3
14.0	6.3	H		N	1
14.4	9.1	a		K=.5H	3
14.4	9.8	a		N	1
15.0	11.1	G		K=H	2
15.0	12.4	a		N	1
14.5	13.8	G		K=H	1
14.7	15.0	H		N	1
14.6	15.6	a		N	2
15.0	16.9	H		K=H	2
15.0	16.6	F	1886	K=H	1
15.9	9.7	a		N	1
15.2	10.9	a		N	1
15.3	13.4	a		N	1
16.0	22.5	H		N	1
19.0	10.9	F	1886	K=H	3
16.4	17.2	H		N	1
16.6	20.4	a		N	1
18.2	7.8	a		N	2
18.1	8.3	a		K=.5H	2
18.4	10.4	G		K=H	3
18.6	11.2	H		N	1
18.4	13.4	H		N	1
19.0	13.8	a		N	4
18.4	15.5	a		N	1
18.6	16.0	G		K=H	2
18.6	18.5	H		N	2
18.8	20.0	a		K=$\frac{H}{N}$	21

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No. A.G.C	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
1900							
23h 48.4m	-60.1°	32249	23h 48.9m	-60° 6′			7.2
22 53.1	-60.7	31229	22 53.1	-60 42			7.5
23 4.5	-61.1	31432	23 4.4	-61 6			6.8
23 7.0	-61.2	31481	23 7.3	-61 8			8.5
23 12.0	-61.6	31568	23 12.0	-61 33			6.3
		31570	12.1				6.9
23 18.0	-61.5	31674	23 17.9	-61 34			8.2
23 24.5	-61.4	31783	23 23.7	-61 18			8.2
23 30.0	-61.6						
23 32.5	-61.5						
23 37.0	-61.7	32029	23 36.9	-61 37			7.5
23 54.0	-61.2						
23 6.6	-61.8	31470	23 6.3	-61 53			8.2
23 12.5	-61.4	31570	23 12.1	-61 33			6.9
23 22.1	-61.8	~~32442~~	~~23 0.5~~	~~-61 52~~			~~7.5~~
0 1.0	-62.0	32442	0 0.5	-61 52			7.5
23 9.5	-62.5						
23 38.1	-62.3	32058	23 38.4	-62 17			8
23 53.0	-62.4	32309	23 52.2	-62 19			8.5
23 57.1	-63.0						
23 59.5	-63.0						
23 7.6	-63.2	31496	23 7.9	-63 14			6.4
23 11.0	-63.3	31552	23 11.3	-63 20			7.5
23 21.5	-63.3	31745	23 21.4	-63 17			7.0
23 23.5	-63.7	31773	23 23.3	-63 40			5.8
23 30.5	-63.4	31926	23 30.9	-63 19			8.5
23 33.5	-63.4	31965	23 33.1	-63 27			6.8
23 44.5	-63.4	32172	23 44.4	-63 24			6.9
23 51.0	-63.4	32284	23 50.9	-63 26			7.1

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Plate 5581

D H Cl. Rem. Klinc Int Br.

18.9 20.3 a K=02H 3
19.0 20.5 E K=H 1
19.0 21.2 a N 1
18.0 23.2 a N 2
19.1 7.1 E K=H 1
19.6 7.7 H N 1
19.6 9.8 H N 1
19.4 13.4 a N 2
20.1 5.6 F K=H 2
20.9 9.4 F 1888 K=H 1
20.2 14.6 H N 1
21.7 17.2 F K=H 2
21.6 20.1 a N 2
22.0 8.1 a N 1
22.3 15.2 a K=05H 2
22.6 18.7 a N 1
23.4 17.8 a K=H 1
24.2 20.3 a N 4
24.3 18.3 a K=H 1

June 7, 1404
8 P.M.

23 17 -71

Plate 6507 Br.

5.3 7.4 H K=H 1 {3.80 / 4.18
4.4 19.8 a K=H 1 4.13
5.2 20.2 F 1889 K=H 2 3.18
5.8 20.9 F 1890 K=H 2 3.65
5.2 22.2 a N 4 1.20
6.2 8.1 F 1891 K=H 1 4.00

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R.A. 1900.	Dec	No. A.G.C.	R.A. 1900	Dec. 1900	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
23h 52.8m	−63.5°	32374	23h 53.1m	−63° 31′	7.2				
23 53.8	−63.6	32324	23 53.1	−63 34	7.1				
23 56.1	−63.5	32375	23 56.3	−63 29	7.8				
0 4.5	−62.9	67	0 4.9	−62 52	6.6				
22 54.0	−63.3	31235	22 53.4	−63 18	6.9				
22 56.0	−63.7	31277	22 55.6	−63 37	7				
23 5.5	−63.8	31454	23 5.1	−63 44	7.5				
23 21.0	−63.8	31730	23 20.7	−63 47	7.5				
22 45.9	−63.8	31100	22 45.6	−63 43	6.2				
23 2.6	−64.4	31405	23 2.4	−64 24	7.4				
23 26.5	−64.2	31843	23 26.8	−64 13	7.5				
23 38.5	−64.9	32065	23 38.7	−64 58	6.0				
23 52.9	−64.9	32311	23 52.3	−64 52	5.2				
22 55.0	−64.9	31286	22 55.9	−64 50	7.8				
23 30.0	−65.3	31896	23 29.5	−65 15	7.3				
23 46.5	−65.4								
23 42.0	−65.9	32135	23 42.2	−65 48	7.3				
23 54.1	−66.2	32347	23 54.7	−66 8	4.3				
23 44.0	−66.2	32176	23 44.5	−66 12	7.1				

1900

22 40.5	−66.1	30995	22 40.9	−66 5	6.7				
23 41.9	−65.9	32135	23 42.2	−65 48	7.3				
23 44.5	−66.2	32176	23 44.5	−66 12	7.1				
23 48.0	−66.5	32240	23 48.4	−66 31	6.7				
23 54.1	−66.2	32347	23 54.7	−66 8	4.3				
22 43.1	−66.6								

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May 22, 1893

Plate 6507 Bar.

V H Cl. Rem Klinc Int. Bar.

6.6	12.1	a	K=H	2	3.87	2
6.7	15.4	H	N	2	3.78 4.03	2
6.1	18.0	H	N	1	3.82 4.20	2
6.9	19.6	F	1892 K=H	2	3.30	2
6.3	20.0	F	1893 K=H	1	3.91	2
6.2	23.7	H	N	1	4.11 4.36	
7.3	12.3	J	K=H	2	3.21 3.96	2
7.4	13.7	H	N	1	4.25 F	
7.4	19.2	F	1894 K=H	1	4.12	
8.0	21.4	F	1895 K=H	1	3.87	
7.4	22.1	F	1896 K=H	1	4.02	
9.0	9.4	a	K=H	2	3.67	2
8.4	13.9	K	K=H	2	3.25 3.70	2
8.2	14.3	a	K=H	1	4.08	
9.6	6.8	a	N	3	3.22	
9.3	12.7	a	K=H	3	2.89	
9.1	18.2	F	1897 K=H	1	3.80	
9.2	19.3	a	K=H	1	4.03	
9.8	20.2	H	N	1	3.89 4.03	
10.0	22.7	H	N	1	3.82 4.07	
10.4	6.7	J	K=H	2	3.58 3.90	
10.9	7.3	H	N	1	4.05 F	
10.1	13.2	H	K=H	1	3.98 F	
10.4	19.2	F	1898 K=H	2	3.20	
10.5	20.3	H	N	1	4.20 F	
10.8	21.7	H	N	1	4.10 F	
12.0	9.9	F	1899 K=H	3	3.67	
11.3	10.0	a	N	2	3.67	

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.Z.M.	R.A.	Dec.	Magn.
23h 3.0m			-67.1°					
23 20.6			-67.1		31739	23 21.2	-67 8	6.6
23 34.1			-66.9		31980	23 34.0	-66 49	7.5
23 42.5			-67.2		32141	23 42.5	-67 8	6.7
23 44.5			-66.8					
0 3.0			-66.5	28	0 2.7		-66 30	7
23 3.1			-67.4		31425	23 3.8	-67 24	6.5
23 11.0			-67.6					
23 40.5			-67.4		32096	23 40.5	-67 25	8.5
23 53.0			-67.7					
23 55.5			-67.3		32356	23 55.4	-67 15	9.2
					32357			8.5
22 49.0			-68.2					
23 12.5			-68.1		31569	23 12.2	-68 1	6.3
23 14.9			-68.0					
22 34.0			-68.2		30859	22 33.7	-68 12	6.9
23 3.5			-68.5		31418	23 3.3	-68 25	6.5
23 36.5			-68.4					
23 42.0			-68.4					
23 48.0			-68.6					
0 1.0			-68.6		32438	0 0.4	-68 31	7
22 32.7			-68.5					
22 35.5			-68.9		30880	22 35.0	-68 55	7.6
23 8.0			-68.9		31486	23 7.5	-68 50	8.2
23 42.0			-68.9		32129	23 41.9	-68 57	7.0
23 49.0			-69.0					
23 57.0			-69.0					
22 48.4			-69.7		31138	22 48.2	-69 38	8
22 50.0			-69.4		31160	22 49.6	-69 19	8

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May 22.1893

Plate 6504

V	H	Cl	Bem	Kl	Int.		Bn.
11.2	11.6	F	1900	K=H	3		1.93
11.5	16.5	F	1901	K=H	2		3.25
11.9	17.6	F	1902	K=H	1		4.01
11.8	19.6	H		N	1	3.80 4.08	
12.5	5.8	F	1903	K=H	2		3.63
12.8	8.5	a		K=H	3		2.90
13.0	10.2	a		K=H	1		4.01
12.3	18.0	H		N	1	3.95 4.40	
12.5	21.6	a		K=H	1		4.10
13.8	10.0	G		K=1.2	H3		2.48
13.5	13.0	a		N	1		4.10
13.5	13.4	G		K=H	2		3.21
13.2	13.5	a		K=H	1		3.88
13.9	13.8	Ma		N	1	4.18 F	
13.9	24.7	Q	~	N	3	3.98	
14.0	15.4	H		N	1	4.10	
14.5	9.2	a		N	3		2.20
14.8	10.5	H		N	1	4.12 F	
15.0	13.6	H		N	1	4.10 F	
15.0	15.1	H		K=H	1	3.80 4.10	
15.0	18.0	G		K=H	1		3.50
14.5	18.2	G		K=H	2		2.90
15.0	19.8	a		N	1		4.00
15.0	23.5	a		N	2		3.42
16.0	7.3	H		N	2	3.68 4.12	
15.5	9.3	H		N	1	3.80 4.10	
15.3	16.6	F	1904	K=H	2		3.50
15.2	17.2	J		K=H	2	3.70 4.03	
15.7	17.5	a	Q	N	1		4.12

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No.	1900	1900			No.			
	1900	A.G.C.	R.A.	Dec.	Magn	C.D.M.	R.A.	Dec.	Magn
	h m			°					
	22 59.0			−69.4					
	23 25.5			−69.6					
	23 34.0			−69.8					
	23 45.0			−69.6	32185	23	45.1	−69 39	8
	22 24.9			−69.7	30671	22	24.7	−69 37	7.0
	22 41.0			−70.0	30983	22	40.5	−70 0	6.8
	22 50.0			−70.3					
	23 37.0			−70.1					
	23 57.5			−69.9					
	22 47.4			−70.6	31127	22	47.7	−70 36	6.2
	23 6.0			−70.8					
	23 8.1			−70.6	31487	23	7.7	−70 36	7.2
	23 10.9			−70.5					
	23 11.1			−70.8					
	23 21.1			−70.9					
	22 42.1			−70.9					
	22 51.1			−71.2					
	23 9.1			−71.4					
	23 18.1			−71.4					
	23 37.1			−71.3	32038	23	37.6	−71 23	7.5
	23 38.5			−71.1	32064	23	38.6	−71 3	6.4
	23 48.0			−71.3					
	0 11.5			−71.0	184	0	11.7	−70 57	7.4
	22 28.5			−71.5	30756	22	28.5	−71 29	7.4
	22 41.0			−71.5	31003	22	41.4	−71 28	7.5
	23 27.1			−71.5					
	23 31.0			−71.4					
	23 34.0			−71.7	31984 31985	23	34.3	−71 40 41	9.2 9.5

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May 22 1893

Plate 1507

V	H	Cl.	Rem.	Klinc.	Int.	Br.
15.6	18.5	a		N	1	3.90
16.0	18.6	H_δ		N	2	3.60, 4.00
16.6	9.8			K=H	1	3.53
16.9	11.3	Mg		N	1	3.75, 4.08
17.0	11.0	a		N	1	3.71
16.5	14.7	H		N	1	~~3.97~~ 4.12 F
16.6	15.1	H		N	1	3.97, 4.12
16.7	21.4	a		N	3	1.73
17.6	10.1	a		N	1	4.18
17.6	15.0	F	1905	K=H	2	3.95, 4.20 F
17.6	16.5	H		N	1	
18.7	6.0	G_2		K=1.5H	3	2.22, 4.08 F
18.6	10.9	H		N	1	
18.5	13.2	F	1906	K=H	1	4.00
18.2	17.3	H		K=H	2	3.47, 3.82
18.4	19.3	F	1907	K=H	2	3.60
19.2	7.8	G		K=H	1	3.92
19.5	8.0	H		K=H	2	3.50, 3.86
19.4	12.5	a		N	1	4.16
19.8	15.1	H		N	1	3.82, 4.20
19.1	15.4	G		K=H	1	3.92
19.8	15.6	a		N	1	4.10
19.7	18.3	G		K=H	1	3.90
19.6	20.9	F	1908	K=H	1	3.70
20.1	6.2	a		N	2	3.32
20.8	8.5	F	1909	K=H	1	3.90
20.2	9.1	H		N	1	3.90, 4.10
20.5	10.8	H		N	1	4.05 F
21.0	11.5	H		N	1	4.10 F
20.7	12.7	K		H=H	3	3.05

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1893phae.proj..880F

1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m	°		h m	° ′					
23 40.0	−71.6	32103	23 40.8	−71 38	7.5	?			
23 41.0	−71.8	32126	23 41.8	−71 52	7	?			
22 44.1	−71.9	31064	22 44.0	−71 57	7.8				
22 52.1	−72.3	31208	22 52.2	−72 02	7.8				
22 52.0	−72.2								
23 15.4	−72.1	31626	23 15.3	−72 8	8				
23 18.1	−72.1								
23 59.0	−72.0	32421	23 59.6	−72 0	5.9				
22 46.1	−72.5								
23 18.9	−72.7								
23 28.5	−72.7								
22 15.0	−72.7	30500	22 15.9	−72 44	5.7	?			
22 50.0	−73.0								
23 7.0	−73.0								
23 33.6	−73.3	31974	23 33.7	−73 15	7.8				
23 48.0	−73.0								
22 27.0	−73.1	30726	22 27.4	−73 4	7.5				
22 29.0	−73.3								
22 59.1	−73.5								
23 18.1	−73.8	31692	23 18.7	−73 50	7.8				
23 20.6	−73.3								
23 22.0	−73.8								
23 41.0	−73.7	32119	23 41.4	−73 40	7.5				
0 0.0	−73.4								
22 15.0	−73.3	30493 30495	22 15.4 15.5	−73 18	8.5 8				
22 30.0	−74.0								
22 34.9	−73.8	30872	22 34.8	−73 45	8.5				
22 45.9	−74.0								
22 50.1	−74.3	31188	22 51.1	−74 19.	7.8				
23 1.0	−74.1	31381	23 1.6	−74 8	6.5				

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Plate 6507

V. H.	Cl.	Rem.	Kline	Int.	Bv.
20.1	15.0	a	K=H	1	4.02
20.9	15.4	H	K=H	1	{3.85 4.05
20.8	16.4	H	N	1	{4.27 F
20.3	21.7	a	K=H	3	3.11
21.6	16.0	B	K=H	1	3.98
21.8	17.7	a	K=H	1	3.78
22.4	14.4	F	1910 K=H	1	3.93
22.2	19.5	H	N	1	{4.20 F
22.4	21.0	H	N	1	{4.15 F
23.0	12.7	a	N	1	3.90
23.4	9.9	a	K=H	1	4.30 ~~3.68~~
23.3	11.3	F	1911 K=H	2	3.63
23.1	16.2	H	N	1	{4.20 F
23.8	21.5	H	N	1	{3.93 4.30
24.3	7.6	B	K=H	3	2.57
24.6	10.4	a	N	2	3.26

June 7. 8.40 P. M.

16h 35m – 61.9

Plate 4828

~~not into, but prefix~~	4.4	19.9	a	N	2
	5.1	14.0	a	K=H	1
	7.0	8.6	F	1912 K=H	1
	6.6	11.4	H	N	2
	6.4	17.3	a	N	1
	7.0	17.8	H	N	1
V = 6.8	7.8	18.9	F?	1913 K=H	1
	6.8	20.6	B	1914 N	3
	7.3	5.9	a	N	3

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1893phae..proj..880F

1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m °								
23 17.5		−73.9						
23 21.1		−74.3	31727		23 20.5	−74	23	7.2
23 28.5		−74.3						
0 5.9		−73.8	83		0 5.7	−73	47	6.9
23 24.9		−74.7	31797		23 24.8	−74	41	8
23 37.9		−74.8	32041		23 37.7	−74	47	8
23 10.0		−75.1						
23 50.0		−74.8						
0 3.0		−74.8	45		0 3.8	−74	48	8 ?
22 59.0		−75.3						
22 36.0		−75.4	30897		22 36.4	−75	20	7.5
22 47.0		−75.4	31112		22 46.9	−75	24	7.8
23 29.5		−75.4						
0 9.0		−75.4	139		0 9.4	−75	28	7.5
22 18.0		−75.5						
22 38.9		−75.9						

1900								
16 52.9		−56.4	22970		16 52.8	−56	24	6.9
16 31.6		−56.8	22473		16 31.5	−56	47	7.5
16 10.5		−57.7	22031		16 10.6	−57	39	6.6
16 21.5		−57.6	22268		16 21.4	−57	32	6.6
16 43.6		−57.5	22723		16 43.7	−57	25	7
16 45.5		−57.8	22760		16 45.5	−57	45	6.5
16 50.5		−57.7	22905		16 50.2	−57	44	9.5
16 55.7		−57.6	23034		16 55.9	−57	34	6.2
16 0.9		−57.8	21827		16 1.0	−57	40	6.0

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Plate 4828.

V H	Cl.	Rem	Nr.	Kluea	Int.
7.1	7.7	a		K=0.3H	3
7.3	10.7	H		N	1
8.0	15.7	B	1915	N	3
7.7	16.0	B	1916	N	3
8.2	11.0	a		N	3
8.4	13.6	a		N	1
9.0	16.5	K		K=H	3
8.9	2 7.7	a		N	1
9.5	5.9	a		N	1
9.2	19.7	B	1917	N	3
9.2	22.2	a		N	1
10.4	15.9	a		N	1
11.8	14.3	F	1918	K=H	2
12.5	11.6	a		N	1
12.9	13.8	a		N	3
12.1	15.4	a		N	1
12.2	18.3	a		N	2
11.2	23.9	H		N	1
10.8	24.3	a		N	1
13.8	16.1	a		N	1
13.3	14.0	a		N	1
13.6	22.9	a		N	1
13.4	23 2	a		N	1
15.0	7.6	a		N	2
14.1	11.9	K		K=H	3
14.5	14.7	H		N	2
14.2	15.4	a		N	2
14.3	17.9	a		N	2

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
h m		h m	° ′					
16 7.2	−57.7	21967	16 7.6	−57 39	6.0			
16 18.7	−57.9	22217	16 18.8	−57 54	7.5			
16 38.0	−58.3	22613	16 37.8	−58 19	6.1			
16 38.7	−58.2	22626	16 38.8	−58 9	6.0			
16 19.6	−58.4	22236	16 19.8	−58 23	6.1			
16 29.5	−58.5							
16 41.5	−58.9	22672	16 41.1	−58 52	3.8			
17 4.5	−58.6	23218	17 4.4	−58 28	7			
15 59.5	−58.8	21793	15 59.8	−58 42	7.0			
16 53.0	−58.9	22978	16 53.2	−58 48	6.4			
17 3.1	−58.9	23190	17 3.1	−58 41	7.5	?		
16 38.6	−59.6	22625	16 38.8	−59 29	8			
16 32.4	−60.3	22482	16 32.1	−60 15	6.8			
16 21.0	−60.6	22261	16 21.2	−60 34	8			
16 31.2	−60.8	22467	16 31.1	−60 57	8.2	?		
16 37.4	−60.5							
16 48.4	−60.5	22850	16 48.6	−60 27	6.9			
17 10.5	−59.6	23361	17 10.4	−59 35	6.5			
17 12.0	−59.5	23399	17 11.8	−59 20	7.5	?		
16 40.5	−61.3							
16 31.6	−61.1	22467	16 31.1	−60 57	8.2			
17 8.1	−61.0							
17 9.0	−60.8	23322	17 8.5	−60 44	7.2			
16 4.0	−61.7	21873	16 3.6	−61 40	7.8			
16 21.5	−61.5	22277	16 21.9	−61 25	5.8			
16 34.0	−61.7	22520	16 33.6	−61 35	7.2			
16 37.1	−61.6	22596	16 36.9	−61 28	7.1			
16 47.4	−61.6	22807	16 47.2	−61 29	7.1			

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Plate 4828

V	H	Cl.	Rem.	Kline	Int.
14.6	18.4	H			N 1
14.9	21.2	a			N 2
15.5	12.2	a			N 1
15.2	12.6	H			N 1
15.5	12.8	a			N 1
16.0	14.3	a			N 1
15.9	14.9	H			N 1
16.6	5.6	a			N 2
16.8	8.2	a			N 1
17.0	21.9	a			N 1
17.3	6.9	a			N 1
17.2	9.3	a			N 2
17.2	10.8	a			N 3
17.5	17.5	a			N 3
17.4	22.9	H			N 1
17.5	24.1	a			N 3
18.4	8.6	K		K=H	3
18.9	11.4	a		K=H	3
18.8	21.2	a			N 1
19.8	12.3	a			N 2
20.3	9.8	a			N 2
21.1	8.5	a			N 1
21.6	5.5	a			N 2
21.8	13.2	K		K=H	2
21.6	16.5	a			N 3
21.4	17.8	a		K=H	2
22.9	13.0	a			N 1
22.7	19.4	a		K=H	1
23.1	23.1	a			N 1

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1893phae.proj..880F

1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m	°		h m	° ′					
16 49.9	−61.6	22880	16 49.6	−61 35	7.4				
17 1.4	−61.6	23146	17 1.0	−61 32	6.7				
16 23.0	−62.2	22295	16 22.8	−62 5	7.4				
16 24.6	−62.0	22326	16 24.6	−61 55	7.5				
16 25.9	−62.2	22344	16 25.3	−62 3	7.0				
16 32.0	−62.4								
16 33.9	−62.4	22519	16 33.7	−62 21	6.9				
15 53.9	−62.3	21659	15 54.1	−62 15	6.7				
16 5.5	−62.6								
17 4.7	−62.6	23229	17 4.9	−62 37	7.3				
15 59.9	−62.7	21785	15 59.6	−62 42	7.8				
16 1.0	−62.7	21824	16 1.0	−62 42	6.9				
16 16.5	−62.9	22165	16 16.3	−62 54	6.6				
16 46.8	−63.1								
17 9.0	−62.8	23339	17 9.5	−62 46	7.3				
17 14.0	−62.8	23455	17 14.6	−62 46	6.2				
16 6.4	−63.4	21939	16 6.4	−63 26	4.3				
16 18.5	−63.9	22212	16 18.7	−63 50	5.8				
17 2.5	−63.6	23186	17 3.1	−63 33	7.2				
16 23.0	−64.3	22287	16 22.3	−64 16	7.0				
16 10.9	−64.4	22026	16 10.7	−64 24	7.0				
16 3.0	−64.7								
15 50.0	−64.8	21552	15 49.8	−64 45	6.1				
16 27.0	−65.3								
16 43.0	−65.2	22686	16 42.2	−65 12	6.5				
16 48.5	−65.1	22839	16 48.5	−65 3	7.0				
16 25.1	−65.9	22329	16 25.0	−65 48	8				
16 58.0	−65.8	23064	16 57.6	−65 36	7.2				

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1893phae.proj..88OF

R.A. 20 · 41 Dec. −51.6 May 22, 1893

Plate 4313

V	H	Cl.	Rem.	No. Kline	Int.
4.7	8.6	a		N	1
4.6	15.4	b		N	3
5.8	7.4	a		K=H	2
5.4	16.7	a		N	1
5.4	21.8	a		N	2
6.9	7.8	a		N	1
6.6	11.4	G		K=1.2H	4
6.5	14.7	a		K=H	1
8.5	15.3	H		N	1
8.2	20.3	H		N	1
9.2	11.6	a		K=H	1
9.4	15.1	a		K=H	1
9.5	17.8	a		K=H	1
9.3	21.0	F	1919	K=H	1
10.7	12.0	E		K=H	1
10.8	19.2	F	1920	K=H	1
10.1	21.4	a		N	3
11.7	9.0	a		N	1
12.5	6.3	a		N	1
12.3	6.5	F	1921	K=H	2
12.9	13.4	a		N	1
12.9	14.0	a		N	2
13.0	14.8	H		N	1
12.2	19.6	a		N	1
12.9	20.1	H		N	2
13.5	14.4	K		K=H	2
13.4	17.0	a		N	3
14.6	5.7	a		N	1

H = 18.8? (margin note beside 9.5 17.8 entry)

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1893phae.proj..880F

1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No C.M.	R.A.	Dec.	Magn
h m	°		h m	° ′					
20 23.5	−46.5	28069	20 23.3	−46 33	8.8	?			
20 42.5	−46.6	28510	20 42.6	−46 36	5.3				
20 19.4	−46.9	27963	20 19.1	−46 59	6.8				
20 46.2	−47.0	28600	20 46.2	−46 59	7.8				
21 1.2	−46.9	28942	21 1.3	−46 54	6.9				
20 20.2	−47.6	27981	20 19.9	−47 35	8				
20 30.7	−47.6	28213	20 30.6	−47 39	3.1				
20 40.5	−47.6	28452	20 40.4	−47 33	7.5				
20 42.2	−48.7	28503	20 42.3	−48 36	7.1				
20 57.3	−48.3	28834	20 57.2	−48 21	7.0				
20 31.1	−49.0	28221	20 30.9	−48 54	8.8				
20 41.5	−49.1	28483	20 41.5	−49 3	7.8				
20 53.0	−54.3	28736	20 53.4	−54 7	7.2				
20 59.5	−49.0	28890	20 59.4	−48 55	7.5				
20 32.0	−49.7	28245	20 31.9	−49 41	7.5				
20 54.2	−49.8	28758	20 54.4	−49 44	7.5				
21 0.6	−49.4	28925	21 0.9	−49 20	6.5				
20 22.7	−50.2								
20 13.6	−50.4	27818	20 13.7	−50 20	7.6				
20 14.6	−50.3	27842	20 14.4	−50 18	6.5				
20 35.5	−50.9								
20 37.7	−50.8	28389	20 37.8	−50 51	7.2				
		28394	37.9	52	7.3				
20 40.2	−51.0	28449	20 40.2	−50 55	7.5				
20 55.6	−50.4	28785	20 55.5	−50 24	8.8				
20 57.2	−50.8	28830	20 57.2	−50 50	6.9				
20 39.5	−51.2	28429	20 39.2	−51 10	6.8				
20 47.5	−51.1	28628	20 47.4	−51 6	6.6				
20 10.5	−51.4	27756	20 10.9	−51 24	7.5				

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Plate 4313

H	Cl.	Rem. No.	Klinc.	Int	
14.3	9.0	a		N	1
15.0	16.0	G		K=1.2H	3
14.5	18.8	F	1922	K=H	3
14.6	20.1	H		N	1
14.1	21.7	a?		K=H	1
15.7	13.7	a	1923	N	3
15.4	16.5	a		N	2
15.3	22.7	F	1924	K=H	2
16.3	5.6	F	1925	K=H	2
16.2	17.1	F?	1926	K=H	2
16.9	22.1	E		K=H	2
18.6	16.3	E		K=H	1
18.8	23.2	a		N	3
19.1	17.1	H		N	1
19.4	18.7	H		N	2
19.3	24.4	a		N	4
20.5	20.7	a		N	2
21.3	8.0	a		N	1
21H	19.9	K		K=H	3
21.3	21.4	G?		K=H	1
22.2	7.1	H a		N	1
22.0	20.2	E		K=H	1
22.3	17.2	H		N	1
23.1	13.0	H		N	1

1h 10m

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1893phae.proj..880F

1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m	°		h m	° ′					
20 22.0	−51.5	28030	20 21.8	−51 25	8.8				
20 44.5	−51.9	28555	20 44.3	−51 57	5.6				
20 53.5	−51.6	28735	20 53.3	−51 39	6.0				
20 57.7	−51.8	28839	20 57.5	−51 40	7.5				
21 3.2	−51.4	28975	21 2.7	−51 19	7.5				
20 36.5	−52.4	28363	20 36.7	−52 17	4.7				
20 46.0	−52.2	28596	20 45.9	−52 5	7.5				
21 6.0	−52.0	29044	21 5.8	−51 55	7.2				
20 10.1	−52.2	27735	20 10.2	−52 14	6.9				
20 48.0	−52.5	28641	20 47.9	−52 29	7.4				
21 4.5	−52.7	29016	21 4.3	−52 45	7.2				
20 45.5	−53.8	28572	20 45.4	−53 38	7.5				
21 8.6	−53.7	29117	21 8.6	−53 41	6.0				
20 48.1	−54.1	28642	20 48.0	−53 58	7.5				
20 52.7	−54.2	28736	20 53.4	−54 7	7.2				
21 12.5	−53.9	29216	21 12.7	−53 52	4.8				
21 0.5	−54.7	28916	21 0.5	−54 37	6.8				
20 16.7	−54.9	27890	20 16.4	−54 51	7.7				
20 57.6	−55.3	28844	20 57.9	−55 7	5.8				
21 3.0	−55.1	28986 28987	21 3.1	−54 59	7.5 7.2				
20 12.9	−55.4	27798	20 12.8	−55 22	6.6				
20 58.9	−55.5	28880	20 57.2	−55 21	8				
20 48.0	−55.8	28658	20 48.7	−55 36	7.8				
20 34.0	−56.3								

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1893phae.proj..880E

70 Qa 10 46 Dec — 19 - 18.7

May 24. 1893

Plate 5897

0	05	.	O H Cl Rem	Nr.	Kline Int.		
			4.1	9.3	G?	K=H	2
			4.4	9.5	J	K=H	2
			3.9	15.1	G	K=H	2
			11.5	18.0	J	K=H	3
			5.3	8.8	H	N	1
			6.5	11.5	a	N	2
			6.5	12.1	a	N	1
			6.8	12.1	a	N	3
			6.7	12.8	G	K=H	1
			6.5	13.4	G	K=H	1
			6.1	13.7	O. F. 1927	K=H	1
			6.1	16.4	H	N	1
			7.9	7.9	H	N	1
			7.8	11.8	a	N	2
			7.6	12.1	O. F. 1928	K=H	1
			7.2	15.0	J	K=H	2
			7.9	14.9	H	N	1
			7.7	16.4	J	K=H	2
			8.5	13.1	K	K=1 4H 6-	
			9.0	16.0	O. F. 1929	K=H	2
			8.9	17.7	J	K=H	2
			9.1	6.7	J	N	2
			10.0	7.8	G	K=H	3
			9.8	11.3	a	K=H	1
			9.5	14.5	H	N	1
			10.0	18.7	O. F. 1930	K=H	1
			9.3	21.1	H	N	1
			10.9	6.3	a	N	1

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1893phae.proj..880F

1855		No.	~~1900~~ 1900			No.			
~~1900~~	~~A. G. C. R. A. Dec.~~			Magn.	C.D.M.	R.A.	Dec.	Magn.	
h m	° (B.D. No.)	R.A. (1855)	Dec						
10 35.1	−13.0	−13° 3196	10h 35.0	−13° 2	7.0				
10 35.4	−13.2	−13 3197	10 35.4	−13 13	6.2				
10 47.2	−13.0	−12 3293	10 47.1	−12 59	6.3				
10 53.1	−13.3	−13 3271	10 53.0	−13 18	6.5				
10 34.0	−13.6	−13 3188	10 34.0	−13 36	7.8				
10 39.4	−14.3	−14 3176	10 39.3	−14 16	7.5				
10 40.6	−14.4	−14 3189	10 40.6	−14 20	7.2				
10 40.5	−14.5	−14 3186	10 40.5	−14 30	7.0				
		3188	10 40.5	−14 28	7.5				
10 42.0	−14.4	−14 3193	10 42.0	−14 24	8.2				
10 43.4	−14.4	−14 3199	10 43.3	−14 20	8.0				
10 43.8	−14.1	−14 3202	10 43.8	−14 7	7.5				
10 49.7	−14.1	−14 3230	10 49.6	−14 7	8.0				
10 31.8	−14.9	−14 3156	10 31.7	−14 59	7.5				
10 39.8	−14.9	−14 3181	10 39.8	−14 58	7.2				
10 40.5	−14.9	−14 3184	10 40.5	−14 51	7.8				
10 46.5	−14.7	−14 3213	10 46.4	−14 40	6.6				
10 46.5	−15.1	−15 3155	10 46.4	−15 3	8.6				
10 53.9	−15.0	−15 3178	10 53.8	−15 0	7.0				
10 42.5	−15.5	−15 3138	10 42.5	−15 26	3				
10 48.6	−15.6	−15 3162	10 48.6	−15 36	8.2				
10 52.4	−15.6	−15 3174	10 52.4	−15 34	6.5				
10 29.2	−15.6	−15 3087	10 29.2	−15 36	6.3				
10 31.5	−16.1	−16 3100	10 31.5	−16 7	5.2				
10 39.0	−16.0	−15 3123	10 38.9	−15 58	8.2				
10 45.6	−15.8	−15 3150	10 45.5	−15 49	7.5				
10 54.5	−16.5	−16 3174	10 54.5	−16 34	8.0				
10 59.3	−15.4	−15 3196	10 59.2	−15 45	7.7				
10 28.2	−16.5	−16 3088	10 28.3	−16 27	8.0				

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D H Cl. Rem. No. Kind Int

10.8	11.8	a		K=0.2H		3
10.3	14.6	H		N		1
10.7	14.7	G		K=H		2
11.0	16.5	G		K=H		1
10.8	18.0	a		K=H		1
10.8	18.8	a		N		1
10.5	23.3	a		N		1
12.0	7.4	a		N		1
11.8	7.5	a		N		2
11.5	8.1	F	1931	K=H		1
11.8	9.8	F	1932	K=H		1
11.5	14.7	a		K=0.5H		2
12.1	7.9	F	1933	K=H		1
12.8	13.9	a		K=0.2H		3
12.6	17.9	G:		K=1.2H		4
13.5	6.5	a		N		3
13.9	11.7	H		N		1
13.2	24.0	a		N		3
14.5	10.7	a		N		2
14.7	18.3	G		K=H		2
14.9	22.3	a		N		2
15.7	11.8	H		K=H		2
15.3	14.8	H		N		1
15.2	17.5	F		K=H		2
15.3	19.9	a		K=0.3H		3
16.9	12.5	F	1934	K=H		2
16.3	15.0	F	1935	K=H		3
16.6	15.5	a		K=H		2

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1855		No.	1900	1900			No.			
~~1900~~		~~A.G.C.~~	~~R.A.~~	~~Dec.~~	Magn.	C.D.M.	R.A.	Dec.	Magn.
h	m	B.D. No.	R.A. (1855)	Dec.					
10	39.7 – 16.5	-16° 3124	10h 39.8	-16° 31′	6.2				
10	45.6 – 16.3	-16 3140	10 45.5	-16 15	7.8				
10	46.0 – 16.5	-16 3142	10 45.8	-16 31	7.5				
10	49.7 – 16.7	-16 3152	10 49.6	-16 40	8.2				
10	52.9 – 16.5	-16 3164	10 52.8	-16 32	8.7				
10	54.6 – 16.6	-16 3174	10 54.5	-16 34	8.0				
11	3.9 – 16.4	-16 3200	11 3.9	-16 21	7.7				
10	30.7 – 17.1								
10	31.0 – 16.9	-16 3097	10 30.9	-16 59	8.0				
10	32.1 – 16.8	-16 3162	10 32.0	-16 50	9.1				
		-16 3103	10 32.1	-16 49	8.4				
10	35.6 – 17.0	-16 3811	10 35.6	-16 58	7.9				
10	52.1 – 16.8	-16 3163	10 52.1	-16 51	7.8				
10	31.6 – 17.1	-17 3200	10 31.5	-17 8	8.0				
10	44.0 – 17.6	-17 3245	10 44.0	-17 34	7.0				
10	52.7 – 17.5	-17 3273	10 52.7	-17 31	4.0				
10	28.6 – 17.8	-17 3187	10 28.6	-17 49	6.6				
10	39.5 – 18.1	-18 3023	10 39.5	-18 6	7.0				
11	5.5 – 17.7	-17 3321	11 5.3	-17 42	5.8				
10	37.4 – 18.4	-18 3013	10 37.3	-18 22	7.5				
10	53.6 – 18.6	-18 3079	10 53.5	-18 34	7.1				
11	2.0 – 18.6	-18 3110	11 1.8	-18 38	6.3				
10	39.5 – 19.0	-18 3022	10 39.4	-18 60	7.0				
10	46.0 – 18.8	-18 3048	10 45.8	-18 48	7.5				
10	51.8 – 18.8	-18 3072	10 51.8	-18 50	6.8				
10	56.9 – 18.9	-18 3093	10 56.8	-18 52	6.5				
10	41.0 – 19.6	-19 3104	10 41.9	-19 34	8.0				
10	46.5 – 19.4	-19 3125	10 46.4	-19 21	5.0				
10	47.5 – 19.5	-19 3131	10 47.4	-19 28	8.0				

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V	H	Cl.	Rem.	No		Klum	Int
17.5	9.9	a			K=H		2
17.5	8.2	F	1936		K=H		1
17.3	14.9	E			K=H		2
17.3	15.8	E?			K=H		2
17.2	22.3	a			N		2
16.5	23.7	a			N		1
18.1	11.5	E			K=H		1
18.5	12.7	a			N		1
18.6	16.4	a			K=H		1
18.9	19.2	H			N		1
18.4	20.2	F	1937		K=H		1
18.4	21.1	a			N		2
20.0	17.1	F	1938		K=H		1
19.8	18.9	F	1937		K=H		1
19.2	21.9	H			N		1
19.6	23.9	H			K=H		2
20.7	6.4	H			N		1
20.2	14.3	E			K=H		1
20.3	19.0	a			N		1
21.4	5.6	a			N		2
21.6	7.5	H			N		1
21.3	8.8	S			N		2
21.2	10.2	a			K=H		1.
22.0	15.8	a			N		1
21.7	23.5	a			N		4
22.6	6.7	F	1940		K=H		3
23.0	7.9	H			N		1
23.0	11.8	a			K=H		2

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1855 1900		No.	1900 1900			No.			
~~1900~~		~~A.G.C.~~	~~R.A.~~	~~Dec~~	Magn	C.D.No	RA.	Dec.	Magn.
h m	°	B.D. No.	R.A. (1855)	Dec.					
10 35.5	−19.8	−19° 3080	10h 35m.4	−19° 50′	7.5				
10 31.7	−19.8	−19 3070	10 31.8	−19 49	8.0				
10 46.1	−19.8	−19 3122	10 46.0	−19 51	7.0				
10 48.1	−19.9	−19 3134	10 48.1	−19 54	6.5				
11 2.0	−19.7	−19 3185	11 2.0	−19 43	7.5				
11 4.9	−19.4	−19 3198	11 4.7	−19 22	7.5				
10 39.0	−20.2	−20 3261	10 38.8	−20 13	8.0				
10 41.4	−20.4	−20 3272	10 41.3	−20 24	7.8				
10 49.6	−20.5	−20 3301	10 49.6	−20 30	7.8				
10 55.5	−20.6	−20 3326	10 55.3	−20 38	7.5				
10 57.6	−20.3	−20 3335	10 57.4	−20 20	8.0				
10 59.6	−20.4	−20 3347	10 59.4	−20 23	7.0				
10 51.0	−21.3	−21 3195	10 50.9	−21 14	7.2				
10 54.7	−21.1	−21 3212	10 54.7	−21 4	8.0				
11 1.1	−20.7	−20 3352	11 1.0	−20 44	7.0				
11 5.6	−20.9	−20 3374	11 5.4	−20 58	6.5				
10 27.8	−21.5	−21 3100	10 27.8	−21 27	7.3				
10 44.6	−21.3	−21 3168	10 44.7	−21 18	7.8				
10 55.1	−21.4	−21 3215	10 55.0	−21 22	8.2				
10 26.1	−21.8	−21 3091	10 26.0	−21 47	7.0				
10 30.0	−21.9	−21 3109	10 29.9	−21 55	7.2				
10 32.9	−21.8	−21 3122	10 32.7	−21 46	7.5				
10 35.9	−21.7	−21 3137	10 36.0	−21 45	8.0				
10 48.1	−22.2	−22 3037	10 48.1	−22 10	8.3				
11 4.6	−22.1	−22 3095	11 4.5	−22 2	4.8				
10 28.1	−22.4	−22 2952	10 28.1	−22 26	6.7				
10 30.7	−22.6	−22 2963	10 30.7	−22 38	7.8				
10 39.1	−22.7	−22 3001	10 39.2	−22 40	7.3				

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h m					
22	17.7	a	N	1	
22	18.3	a	N	1	
23	8 6.2	K	K=H	3	
23	5 9.0	a	N	1	
23	2 10.3	I	K=H	2	
24	1 11.1	I	N	2	
23	2 21.3	F, 1941	K=H	1	

June 9, 1904.

R.A. 0 36 Dec. -6 18 Bx.
8.55 P.M.

Plate 4487

h m					
3	7 22.8	a	K=H	5	0.55
5	7 15.2	a	K=H	3	2.68
5	0 7.7	a	K=H	1	4.09
6	9 20.7	I	K=H	2	3.60, 4.00
6	9 23.0	a	N	1	4.00
6	4 22.8	F 1942	K=H	1	4.20
7	5 15.6	a	K=0.1H	4	0.80
9	0 7.6	a	N	1	4.20
8	6 14.6	F 1943	K=H	2	3.70
8	5 16.4	H	N	1	4.37, F
8	6 21.5	a	K=H	1	4.22
8	5 22.8	H	K=H	2	3.78, 4.18
12	0 13.8	a	K=H	2	3.51
11	5 14.9	F 1944	K=H	2	2.92
13	0 15.4	[illegible]	N	2	3.41, 3.81
13	0 20.6	F 1945	K=H	2	3.50
14	0 19.2	a	K=H	3	2.73
14	4 9.4	a	N	1	3.90

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1855						No.			
~~1900~~	~~A.G.C.~~	~~R.A. Dec.~~		Magn	C.D.M	R.A.	Dec.	Magn.
h m o	B.D.No.	R.A.(1855) Dec.						
10 52.1	-22.5	-22 3049	10 52.1	-22 28	7.8			
10 53.5	-22.6	-22 3054	10 53.4	-22 39	8.2			
10 27.2	-23.0	-22 2946	10 27.1	-22 60	5.5			
10 33.1	-22.8	-22 2977	10 33.1	-22 52	8.0			
10 35.8	-22.8	-22 2988	10 35.9	-22 47	7.0			
10 39.9 (1900)	-23.5	14666	10 39.7 (1855)	-23 28	7.0			
10 59.8	-22.8	-22 3080	10 59.8	-22 46	7.8			

1900									
h m	°								
1 4.5	-55.8	1069	1 4.2	-55	47	4.2			
0 37.4	-57.1	633	0 37.2	-57	3	5.9			
0 7.1	-57.6								
0 57.6	-57.6	959	0 57.8	-57	33	6.3			
1 6.0	-57.4	1100	1 6.1	-57	24	6.8			
1 5.1	-57.2	1083	1 5.2	-57	8	6.8			
0 38.5	-58.1	662	0 38.8	-58	1	4.5			
0 6.0	-58.6								
0 34.5	-58.5	593	0 34.6	-58	31	6.7			
0 42.0	-58.6	715	0 41.9	-58	29	7			
1 1.0	-58.5	1015	1 1.0	-58	20	8.2			
1 6.0	-58.2	1097	1 6.0	-58	13	6.6			
0 31.5	-60.3	532	0 31.5	-60	16	6.9			
0 35.4	-60.1	617	0 35.7	-60	1	6.0			
0 38.1	-60.8	652	0 38.2	-60	49	6.1			
0 59.4	-60.6	982 983	0 59.2	-60	38	7.5			
0 54.5	-61.3	910	0 54.2	-61	14	6.3			
0 13.2	-61.5	202	0 12.8	-61	22	8.5			

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Plate 4487

					Br.
14.7	10.6	a		2	3.93
14.9	13.3	a		1	3.79
14.5	19.9	F	1946 K=H	1	3.68
16.3	21.2	g	K=H	3	2.56
16.6	21.4	a	K=H	1	3.80
17.5	7.9	a		2	2.97
17.5	11.1	Nebula?		1	4.10 F
17.5	15.8	F	1947 K=H	2	2.90
17.9	16.2	a	K=H	1	4.01
18.4	9.0	H		1	4.27
18.4	13.0	a		3	B
18.5	13.0	a	1948 K=0.2H	3	B
18.5	13.2	a	K=0.2H	3	1.70
18.9	15.9	H		1	4.11 F
18.2	17.9	Neb		2	3.35 3.85
19.1	6.1	a		1	4.10
20.0	17.6	F	1949 K=H	1	3.63
20.4	18.4	H		1	4.20 F
21.8	5.7	a		3	0.12
22.4	10.6	F	1950 K=H	3	1.38
22.7	14.2	H		1	3.87 4.35
23.3	15.3	F	1951 K=H	2	2.52
23.7	15.4	a	K=H	1	3.52
23.7	15.8	F	1952 K=H	1	3.55
23.5	19.6	H		1	4.15 F
24.3	6.6	a		4	1.33

Superposed

9.15 P.M.

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m	°		h m	° ′					
0 18.0	−61.7	290	0 17.8	−61 36	7.2				
0 28.9	−61.8	486	0 29.0	−61 42	8				
0 57.6	−61.4	950	0 57.2	−61 24	6.9				
1 3.5	−62.3	1057	1 3.4	−62 19	5.6				
1 4.2	−62.4	1068	1 4.1	−62 24	7.8				
0 5.0	−62.9	67	0 4.9	−62 52	6.6				
0 19.0	−63.0	309	0 18.9	−62 59	8.2				
0 40.5	−63.1	684	0 40.2	−63 3	6.7				
0 42.0	−63.3	716	0 42.0	−63 14	8				
0 9.5	−63.4	140	0 9.4	−63 20	7.0				
0 26.5	−63.4	451	0 27.0	−63 31	4.3				
0 26.5	−63.5	452	0 27.0	−63 31	4.7				
0 28.0	−63.6	467	0 28.1	−63 35	5.5				
0 40.5	−63.8	692	0 40.7	−63 45	7.5				
0 49.4	−63.4	825	0 49.4	−63 25	6.0				
23 56.0	−63.6	32375	23 56.3	−63 29	7.8				
0 48.5	−64.3	806	0 48.4	−64 17	7.0				
0 52.0	−64.6	875	0 52.2	−64 30	7.2				
23 52.5	−64.9	32311	23 52.3	−64 52	5.2				
0 14.5	−65.5	233	0 14.7	−65 29	4.1				
0 32.4	−65.7	546	0 32.2	−65 41	6.8				
0 38.0	−66.1	653	0 38.2	−66 1	5.7				
0 38.6	−66.2	658	0 38.5	−66 10	7.0				
0 40.1	−66.2	687	0 40.4	−66 10	6.6				
0 59.0	−66.0	978	0 58.9	−66 0	6.7				
23 55.0	−66.1	32347	23 54.7	−66 8	4.3				

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RA 2 34 Dec, -61.6 May 24, 1893

Plate 4688 Bw.

V	H	Cl.	Rem.	Klin.	Int.	June 9, 1904 9.15 P. M.
4.3	10.2	H		K=H	1	{4.10 F}
4.1	19.8	a		K=H	2	3.82
5.9	10.5	F	1953	K=H	1	4.10
6.0	11.3	a		N	1	4.10
6.6	18.8	H		N	1	{4.40 F}
6.3	19.1	a		N	1	4.35
7.8	13.5	H		N	1	{4.18 F}
8.5	12.7	F	1954	K=H	1	4.01
8.4	16.2	E		K=H	1	4.08
9.5	6.6	a		N	1	3.95
8.3	24.0	E		K=H	1	3.80
10.8	8.5	H		N	1	{4.08 F}
11.9	5.7	E		K=H	1	3.98
11.7	11.4	a		K=H	2	3.72
11.2	15.7	a		K=H	2	3.64
11.7	19.7	a		N	1	4.07
11.7	21.8	a		K=H	3	2.37
11.1	23.5	a		N	1	4.05
12.7	12.2	F	1953	K=H	3	2.41
13.0	15.6	H		N	1	{4.08 F}
12.7	22.0	H		N	1	{4.15 F}
13.5	11.1	H		N	1	{4.11 F}
14.0	14.4	F	1956	K=H	2	3.48
13.9	21.4	H		N	1	{3.95 F}
13.4	22.9	a		N	1	4.30
14.4	7.9	F	1957	K=H	1	3.92
15.0	12.3	F	1958	K=H	1	4.15
15.0	15.7	a		K=0.5H	1	3.88

H = 16.2 ? V

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	RA	Dec.	Magn.
2h 16.7m −56.4°	2412	2h 16.7m	−56° 24	6.1				
2 51.2 −56.3	3155	2	51.5 −56 17	6.6				
2 17.1 − 57.3	2424	2	17.2 −57 14	7.2				
2 20.3 − 57.3	2496	2	20.3 −57 16	6.9				
2 48.4 − 57.5	3080	2	48.4 −57 36	7.5				
2 49.4 − 57.4	3105	2	49.4 −57 24	7.8				
2 27.0 − 58.3	2651	2	27.2 −58 15	6.7				
2 24.7 − 58.7	2599	2	24.9 −58 35	7.8				
2 38.0 − 58.6	2876	2	37.9 −58 34	8				
2 0.5 − 59.0	2097	2	1.2 −58 50	8				?
3 8.4 − 58.2	3480	3	8.1 −58 11	6.8				
2 8.0 − 59.8	2235	2	8.1 −59 37	7.5				?
2 4.9 − 60.2	2155	2	4.3 −60 9	7.8				
2 19.9 − 60.3	2477	2	19.3 −60 13	7.3				
2 37.1 − 60.0	2860 2861	2	37.0 37.1 −60 0	7.0 7.2				
2 53.4 − 60.2	3207	2	53.2 −60 8	9.2				
3 1.5 − 60.1	3352	3	1.3 −60 7	5.3				
3 8.0 − 59.7	3469	3	7.8 −59 36	8.5				
2 22.1 − 60.7	2541	2	22.1 −60 45	5.8				
2 37.0 − 61.0	2855	2	36.6 −60 59	7.5				
3 2.5 − 60.7	3371	3	2.4 −60 35	7.5				
2 17.9 − 61.2	2431	2	17.4 −61 8	7.8				
2 31.4 − 61.4	2748	2	31.2 −61 25	6.9				
3 0.5 − 61.3	3340	3	0.7 −61 11	7.4				
3 6.1 − 60.9								
2 3.9 − 61.6	2152	2	4.2 −61 28	7.2				
2 22.0 − 62.0	2543	2	22.1 −61 55	7.8				
2 37.0 − 62.0								

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V	H	Cl.	Rem.	Kind	Int	Br.
15.0	19.6	H		N	1	4.13 F
14.0	21.6	~~A~~		N	1	4.35 ~~3.98~~ F
14.4	21.6	F	1959	K=H	1	3.98
14.7	22.6	H		N	1	3.90 4.20
15.8	6.1	a		N	3	B
15.7	9.4	F	1960	K=H	1	4.08
16.0	11.1	F	1961	K=H	1	3.90
16.0	13.0	F	1962	K=H	1	4.08
15.8	22.4	H		N	2	3.67 3.98
16.9	8.9	H		N	1	3.60 3.90
17.0	14.4	a		N	3	2.92
16.8	14.8	a		N	1	3.79
16.3	15.8	H		N	1	4.22 F
16.1	22.4	E		K=H	2	3.84
17.7	12.8	H		N	1	4.17 F
17.1	13.8	H		N	1	4.20 F
17.2	15.8	H		N	1	4.24 F
17.8	16.6	F	1963	K=H	1	3.92
17.4	17.2	H		N	1	4.17 F
17.5	17.9	a		K=O2H	3	2.00
17.8	18.6	~~A~~		K=H	2	3.30 3.80
17.1	20.2	F	1964	K=H	1	4.11
17.7	24.4	E		K=H	2	2.80
17.7	24.5	E		K=H	2	2.62
18.2	6.9	F	1965	K=H	1	4.00
19.0	10.7	F	1966	K=H	1	3.97
19.5	12.5	H		N	1	4.15 F
19.3	19.0	B		K=H	3	2.90

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn	C.P.D. No. ~~C.D.M.~~	R.A.	Dec.	Magn.
2h	53.0 −61.9	3213	2h	53.5 −61° 52′	8.2				
3	1.0 − 61.3	3360	3	1.6 − 61 14	8				
3	1.5 − 61.3	3364	3	1.9 − 61 26	8.5				
3	2.0 − 61.5								
1	55.0 − 62.1	1981	1	55.6 − 62 4	2.9				
2	9.1 − 62.3	2260 2261	2	9.5 − 62 7 8	8.8 9.2				
2	16.9 − 62.5	2417	2	16.7 − 62 24	8.2				
2	25.0 − 62.5	2605	2	25.1 − 62 26	8.2				
3	5.0 − 62.2	3421	3	5.5 − 62 6	7.2				
2	7.0 − 62.9								
2	30.5 − 63.1	2745	2	31.1 − 63 1	6.9				
2	32.1 − 62.9	2778	2	32.6 − 62 50	8				
2	37.0 − 62.6	2871	2	37.6 − 62 35	8.2				
3	5.2 − 62.3	3429	3	5.8 − 62 14	7.4				
2	23.1 − 63.4	2570	2	23.7 − 63 22	8.2				
2	28.0 − 63.1	2675	2	28.4 − 63 2	7.8				
2	36.9 − 63.2	2867	2	37.4 − 63 8	8.5				
2	41.0 − 63.4	2955	2	41.4 − 63 21	7.5				
2	43.0 − 63.2	2995	2	43.6 − 63 9	7.5				
2	47.0 − 63.2	3054	2	46.8 − 63 14	5.7				
2	50.0 − 63.3	3128	2	50.1 − 63 19	6.4				
2	57.0 − 62.9	3275	2	56.9 − 62 51	8.5				
3	15.0 − 62.9	3626	3	15.6 − 62 57	6.0				
3	16.0 − 62.9	3634	3	16.0 − 62 53	5.7				
0	57.0 − 63.4								
2	14.0 − 63.9	2364	2	14.2 − 63 51	8				
2	22.0 − 64.2	2540	2	22.0 − 64 11	8				
2	43.0 − 64.2	2992	2	43.3 − 64 8	6.1				

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V H Cl. Rem. Kline Instr. Br.

19.1	18.4	B5K	K=H	2	3.72, 3.91
20.0	19.1	E7	N	1	3.63
19.4	20.2	H	N	1	4.02, F

h m
1 10

June 9, 1904

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1900	No. A.G.C.	1900 R.a.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
h m °		h m ° ′						
2 49.1 −63.9	3114	2 49.5 −63	57	6.9				
2 52.8 −64.4	3198	2 52.8 −64	25	7.0				
2 57.5 −64.1	3290	2 57.8 −64	1	7.2				

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h	m					
23	0	V H bl. Rem.	Nr.	Line	Int.	Br.
		19.9 20.8 a	Nr	1		3.84
		19.8 7.5 F.	1963	K=H	2	3.60
		20.5 13.3 a	Nr		3	2.62
		20.1 13.9 a	K=0.4H		2	3.30
		20.4 15.7 a	Nr		2	2 3.85
		20.8 19.0 H	K=H		1	3.72 / 4.10
		20.1 19.9 a	K=0.2H		3	3.64
		20.2 22.4 a	Nr		2	3.20
		21.8 18.8 F.	1968	K=H	1	3.65
		21.4 22.0 F.	1969	K=H	2	3.41
		21.3 23.5 F.	1970	K=H	2	3.44
		22.8 8.5 F	1971	K=H	2	3.68
		23.0 13.5 H		K=H	1	3.89 / F.
		22.9 18.5 F.		K=H	2	3.86 / 3.82

June 9, 1904 9.40 P.M.

R.A. 3 35 Dec. -61.6 Br.

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5.1 8.1 H	Nr		1		4.23 / F.
4.8 9.7 a	Nr		1		4.33
4.4 15.6 H	Nr		1		4.18 / 4.44
5.0 21.2 a	Nr		2		3.69
6.8 8.4 Nr	Nr		1		4.07 / 4.20
7.0 11.6 H	Nr		1		4.20 / 4.35
6.2 20.8 F.	1972	K=H	3		3.17
H = 8.0 7.9 18.0 E		K=H	1		3.72
7.6 12.9 H	Nr		1		3.93 / 4.18
9.0 13.3 E		K=H	1		4.00
9.0 14.0 a	Nr		1		4.20

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1900	A.G.C.	No.	R.A.	1900 Dec.	Magn.	No.	C.D.M.	1900 R.A.	1900 Dec.	Magn.
3	0.0	−64.3	3342	3	0.7	−64 16	8.5			
1	58.8	−64.2	2056	1	59.0	−64 7	6.9			
2	26.0	−64.8	2622	2	25.8	−64 45	6.4			
2	29.0	−64.5	2685	2	28.6	−64 29	7.3			
2	37.5	−64.7	2868	2	37.3	−64 43	6.6			
2	52.0	−64.9	3189	2	52.5	−64 51	6.9			
2	56.5	−64.5	3279	2	56.9	−64 28	5.2			
3	8.1	−64.3	3485	3	8.3	−64 17	6.9			
2	52.0	−65.3	3178	2	52.2	−65 19	7.3			
3	7.1	−64.9	3461	3	7.1	−64 57	6.9			
3	14.0	−64.8	3594	3	13.6	−64 48	7			
2	1.5	−65.7	2114	2	2.0	−65 37	7.3			
2	26.0	−66.0	2624	2	25.9	−66 0	7.5			
2	51.0	−65.9	3154	2	51.1	−65 52	6.9			

1900										
3	9.1	−57.0								
3	15.5	−56.3	3629	3	15.8	−56 11	8.2			
3	37.4	−56.6	4084	3	37.3	−56 33	7.0			
3	57.5	−56.8	4492	3	57.4	−56 46	6.9			
3	9.7	−57.7	3514	3	10.0	−57 41	6.3			
3	22.0	−58.0	3754	3	22.0	−57 55	7.2			
3	56.5	−57.4	4476	3	56.5	−57 23	6.4			
3	8.1	−58.2	3480	3	8.1	−58 11	6.8			
3	26.0	−58.3	3836	3	26.0	−58 14	7.2			
3	28.2	−59.0	3888	3	28.4	−58 55	8.2			
3	31.0	−59.1								

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V H Cl.	Rem.	Kline	Int.	Bz.
9.4 11.2 H		N 1		4.30 F
9.3 21.1 a		K=0.2H 2		3.37
9.1 22.4 a		N 1		4.07
10.7 8.2 F	1993	K=H 1		4.12
10.3 9.2 H		N 1		4.20 F
11.0 9.5 H		K=H 2		3.87 4.08
11.8 6.7 F?	1994	K=H 3		2.30
11.2 11.4 H		N 1		3.98 F
11.4 13.7 a.		N 2		3.48
11.2 15.2 a F		K=H 2		3.40
11.1 21.5 E		K=H 1		3.66
12.7 7.1 H		N 1		4.12 F
12.9 10.9 H		N 1		4.08 F
12.9 14.0 F	1995	K=H 1		3.82
12.5 18.6 E		K=H 1		3.98
14.0 6.8 Ma		K=H 1		4.10 F
13.2 8.1 a		K=H 1		4.08
13.7 14.1 E F		K=H 2		3.38 3.70
13.6 19.5 E		K=H 1		4.00
14.4 8.2 H		N 1		3.95 F
14.8 11.4 E		K=H 1		4.00
14.3 12.8 a		N 1		3.82
14.5 14.1 E		K=H 1		3.85
14.7 14.9 F	1996	K=H 2		3.56
14.7 16.5 a		N 2		3.42
14.9 16.6 H		N 1		3.71 4.00
14.5 20.2 Lo		K=H 3		2.32 3.08
14.6 21.1 E		K=H 2		3.38

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
3h 20.5m	−59.1°	3710	3h 19.9m	−59° 4′	8			
3 58.6	−58.9	4526	3 58.8	−58 57	7			
4 3.9	−58.9	4622	4 3.6	−58 45	8.2			
3 8.0	−59.8							
3 11.9	−59.6	3557	3 11.7	−59 29	8			
3 12.5	−59.9	3574	3 12.6	−59 53	7			
3 1.5	−60.2	3352	3 1.3	−60 7	5.3			
3 20.5	−60.1							
3 29.4	−60.3	3911	3 29.3	−60 12	7			
3 36.1	−60.1	4062	3 36.2	−60 6	6.8			
4 0.7	−60.0	4583	4 1.0	−59 51	7.8			
3 2.9	−60.7	3371	3 2.4	−60 35	7.5			
3 18.0	−61.0	3667	3 17.9	−60 52	8.5			
3 30.0	−60.9	3948	3 30.8	−60 55	7			
3 49.4	−60.7	4358	3 49.9	−60 40	7.8			
3 0.1	−61.3	3340	3 0.7	−61 11	7.4			
3 6.1	−60.9							
3 30.5	−61.3	3953	3 31.0	−61 23	6.7			
3 53.6	−61.3	4423	3 53.7	−61 12	7.2			
3 5.8	−61.6	3435	3 5.9	−61 32	7.5			
3 19.0	−62.0							
3 24.9	−61.7	3827	3 25.4	−61 37	8.2			
3 30.5	−61.8	3952	3 30.9	−61 44	7.5			
3 33.6	−61.9	4025	3 34.2	−61 52	7.4			
3 41.4	61.9	4173	3 41.4	−61 49	7.8			
3 41.9	−62.0	4189	3 41.8	−61 56	7.8			
3 57.5	−61.7	4487	3 57.2	−61 41	4.7			
4 1.1	−61.8	4579	4 0.8	−61 38	7.2	?		

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V	H	Cl.	Remarks	Line	Int.	Br.
15.6	8.2	H		K=H	1	3.64 / 3.82
15.7	13.7	F	1977	K=H	2	3.23
15.6	20.4	H		N	1	3.68 / 4.00
16.0	20.6	X	ma	N	3	2.18 / 2.90
15.3	22.9	E		K=H	1	3.80
17.0	10.6	G		K=H	3	2.73
16.8	10.7	G		K=H	3	2.32
16.9	12.4	a		K=H	1	3.97
17.0	14.4	E		K=H	1	3.53
16.0	14.4	E		K=H	1	3.90
16.7	14.7	a		K=0.5H	2	3.20
17.0	23.7	G	5H	K=1.5H	4	0.95 / 1.12
16.5	23.9	G	5H	K=H	2	2.92 / 3.18
17.5	13.4	F	1978	K=H	3	1.67
18.6	6.1	H		N	1	4.35 / F
18.5	10.7	H		N	1	4.20 / F
18.7	13.0	H		N	1	4.10 / F
19.0	16.7	H		K=H	1	3.92 / F
18.6	19.4	J		K=H	2	3.47 / 3.67
18.8	24.2	a		N	3	2.71
19.7	6.9	H		N	1	4.22 / F
20.0	7.6	a		K=H	1	4.00
19.8	9.3	a		N	2	3.24
19.6	13.5	H		N	1	4.20 / F
19.9	13.8	H		N	1	4.20 / F
20.0	16.3	H		N	1	4.01 / F
20.5	6.0	H		N	1	3.90 / 4.10
20.4	6.9	a		N	3	1.73

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
3h 5.0m −62.2°	3421	3h 5.5m	−62° 6′	7.2				
3 28.9 −62.3	3907	3 29.1	−62 21	7				
3 58.6 −62.2	4521	3 58.5	−62 11	7				
3 59.5 −62.5	4545	3 59.5	−62 27	4.7				
4 9.0 −61.9	4721	4 8.7	−61 51	7.2				
3 15.1 −62.9	3626	3 15.6	−62 57	6.0				
3 15.9 −62.9	3634	3 16.0	−62 53	5.7				
3 23.0 −63.0	3779	3 23.1	−62 55	8.2				
3 31.5 −63.0	3972	3 31.9	−62 59	8				
3 32.0 −62.5	3978	3 32.1	−62 30	8				
3 33.0 −62.9	4005	3 33.0	−62 53	7.3				
4 13.5 −62.7	4812	4 13.1	−62 43	3.3				
4 13.9 −62.4	4820	4 13.5	−62 26	6.0				
3 27.5 −63.3	3879	3 27.6	−63 18	5.0				
2 54.6 −63.6	3243	2 55.0	−63 26	7.5				
3 15.0 −63.8								
3 25.0 −63.9	3829	3 25.3	−63 50	8.2				
3 44.0 −64.1	4230	3 43.8	−64 2	7				
3 54.5 −63.8	4444	3 54.8	−63 46	6.6				
4 16.6 −63.5	4880 4881	4 16.6	−63 30 29	6.8 7.8				
3 57.4 −64.2								
3 0.1 −64.4	3342	3 0.7	−64 16	8.5				
3 8.1 −64.3	3485	3 8.3	−64 17	6.9				
3 27.4 −64.4								
3 28.9 −64.6	3906	3 29.0	−64 28	8				
3 41.1 −64.6	4171	3 41.2	−64 30	7				
2 53.0 −64.4	3198	2 52.8	−64 25	7.0				
2 56.9 −64.5	3279	2 56.9	−64 28	5.2				

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δ H Cl Rem Kl. Kluis Int. Br.

20.7	10.5	F	1979	K=H 2	3.10
21.0	14.7	a		K=H 1	3.98
21.0	16.7	K		K=1.2H 4	1.61 / 2.20
21.7	20.3	F	1980	K=H 1	4.00
20.3	21.7	F	1981	K=H 2	3.41
21.4	6.0	H		N 1	3.88 / 4.20
21.2	9.2	a		K=H 2	3.50
23.3	11.6	a		K=H 2	3.43
23.1	11.9	a		K=H 1	3.62
23.4	12.3	a		K=H 1	3.90
23.2	14.8	a		N 2	3.27

Two stars superposed which is measured ??

H = 11.9 ?

June 9, 1904 9.50 P.M.

R.A. 4h 35m Dec. -61.6 Br.

Plate 4686

4.3	22.0	F	1982	K=H 1	4.04
4.7	22.3	a		N 1	4.25
5.8	11.6	G_2		K=H 2	3.58
5.1	18.2	H		N 1	4.25 F
6.3	11.5	a		K=0.5H 2	3.80
6.5	14.7	F_2	1983	K=H 1	4.18
6.5	19.4	F	1984	K=H 1	4.20
6.9	22.6	F	1985	K=H 3	2.50
8.0	8.8	a		K=0.5H 2	3.60
8.0	15.2	F	1986	K=H 2	3.45
7.9	20.2	F	1987	K=H 2	3.49
7.7	20.5	a		N 2	3.63
7.1	21.2	a		N 1	4.01
7.4	22.4	a		N 1	4.10

~~V ?~~

V = 8.0 ?

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
3h	14.0	−64.8	3594	3h 13.6m	−64° 48′	7				
3	32.0	−65.1								
3	43.0	−65.2	4211	3	42.9	−65 7	3.9			
4	0.0	−64.8	4555	3	59.8	−64 42	8			
4	6.9	−64.5	4674	4	6.3	−64 30	6.7			
2	52.0	−64.9	3165	2	51.7	−64 45	9			
3	7.2	−64.9	3461	3	7.1	−64 57	6.9			
3	19.9	−66.2	3701	3	19.3	−66 9	7.3			
3	21.6	−66.2	3738	3	21.2	−66 9	7.6			
3	33.5	−66.2	4011	3	33.3	−66 6	7			
1900										
5h	0.5	−56.4	5808	5	0.4	−56 15	7.4			
5	2.0	−56.5	5842	5	2.0	−56 27	8			
4	22.0	−57.3	4984 4985	4	22.3	−57 17	7.8 7			
4	47.0	−56.9	5517	4	47.2	−56 50	7.2			
4	22.0	−57.6	4980	4	22.2	−57 28	7.2			
4	34.0	−57.7	5246	4	33.9	−57 38	8.2			
4	51.5	−57.5	5624	4	51.8	−57 30	7.5			
~~4~~	~~53.5~~	~~58.7~~	~~5657~~	~~4~~	~~53.2~~	~~−58 43~~	~~6.4~~			
4	10.9	−58.4	4791	4	11.8	−58 16	7.4			
4	36.5	−58.4	5284	4	36.4	−58 24	6.8			
4	55.1	−58.2	5710	4	55.4	−58 14	7.0			
4	55.4	−58.3								
4	58.5	−57.9	5775	4	58.5	−57 45	7.5			
5	3.0	−57.9	5879	5	3.1	−57 49	7.5			

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V H bl Bonn Klinc Int. Bn.

8.5	19.6	F	1988	K=H	3	3.18
8.9	21.8	a		N	1	4.35
9.6	5.6	a		N	2	3.60 ~~4.13~~
9.2	6.8	a		N	1	4.13
9.3	10.4	a		K=H	1	3.80
9.9	14.5	H		N	1	4.32 F
9.5	15.4	a		K=0.8H	2	3.50
9.4	15.8	E		K=H	2	3.41
9.2	16.6	F	1989	K=H	1	4.09
9.8	17.5	H		K=H	2	3.87 4.10
9.2	18.3	H		N	1	4.10 F
10.2	8.6	F	1990	K=H	1	4.12
10.3	9.8	Lopez		K=1.2H	4	2.19 2.55
10.0	13.7	a		K=0.5H	2	3.26
10.9	16.8	a		K=0.3H	3	2.10
11.8	7.3	H		N	1	4.18 F
11.2	17.1	a		N	1	4.25
12.0	17.9	H		K=H	2	4.04 4.82
11.7	22.4	H		N	1	4.18 4.35
12.7	17.4	F	1991	K=H	1	4.11
13.6	10.1	a		K=0.2H	3	2.82
13.7	12.3	K		K=H	3	3.42 3.73
13.2	16.0	a		N	1	4.00
13.9	16.2	a		K=0.5H	2	3.59
14.9	16.0	L		K=H	3	2.70 3.20 2.82
14.2	6.5	K		K=H	3	3.23
14.7	6.8	~~E~~ F		K=H	2	3.38
15.0	8.8	E		K=H	2	3.50

V = 11.0?

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. CDM	R.A.	Dec.	Magn.
4h 53m.5	−58°.7	5657	4h 53m.2	−58° 43′	6.4			
5 2.0	−58.7	5844	5 1.9	−58 35	8			
3 58.6	−58.9	4526	3 58.8	−58 57	7			
4 3.9	−58.8	4622	4 3.6	−58 45	8.2			
4 17.5	−59.1	4894	4 17.4	−58 59	8			
4 33.5	−59.5							
4 37.0	−59.2	5301	4 37.3	−59 11	7.8			
4 38.5	−59.1	5325 5326	4 38.6	−59 8	7 7.8			
4 42.0	−58.9	5393	4 41.8	−58 58	8.5			
4 45.6	−59.3	5475	4 45.5	−59 18	6.8			
4 48.9	−59.0	5554	4 48.5	−58 58	7.2			
4 9.9	−59.5							
4 14.5	−59.5	4840	4 14.7	−59 32	4.6			
4 29.6	−59.9	5152	4 29.8	−59 59	7.0			
4 43.0	−59.9	5418	4 42.9	−59 55	5.6			
4 4.5	−60.3	4637	4 4.4	−60 9	7.8			
4 44.0	−60.1	~~5529~~ 4						
4 47.5	−60.4	5529	4 47.3	−60 25	6.7			
5 5.4	−60.2	5935	5 5.3	−60 0	7.2			
4 45.5	−60.8	5476	4 45.5	−60 47	7.2			
4 14.9	−61.2	4845	4 14.9	−61 11	6.7			
4 23.5	−61.5	5016	4 23.7	−61 28	6.4			
4 39.4	−61.2							
4 41.5	−61.5	5361 5363	4 40.4	−61 24	8.5 8.5			
3 57.0	−61.7	4487	3 57.2	−61 41	4.7			
3 59.5	−61.4	4550	3 59.7	−61 22	5.1			
4 1.0	−61.7	4579	4 0.8	−61 38	7.2			
4 8.7	−61.9	4721	4 8.7	−61 51	7.2			

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α H Cl. Rem. Klumpke	No.		Int.	Bn.
15.0 9.7 H	N	1		{4.05 F
14.4 17.5 F 1992	K=H	2		3.47
14.2 20.0 E	K=H	1		3.98
15 9 6.4 H	N	1		{3.85 4.10
16 0 10.0 L	K=H	2		{2.70 3.00
15.5 15.0 Inebd	K=H	3		{3.70 3.40
16.3 6.7 Ina	K=H	3		{2.71 3.10
16.5 9.9 L	K=1.2H	4		{0.90 1.15
17.0 12.9 a	N	2		2.93
16.5 13.0 E	K=H	2		2.90
17.0 14.4 E	K=H	2		3.02
16.2 15.5 a	K=0.8H	2		3.18
16.3 16.2 a	N	1		4.17
18.0 10.8 a	N	3		2.40
17.9 11.4 E	K=H	1		4.00
17.9 16.2 E	K=H	1		4.00
17.8 16 9 95H	K=H	2		{3.52 3.80
17.1 17.4 F 1993	K=H	1		4.00
17.2 19.2 a	N	1		3.80
17.3 21.5 F 1994	K=H	1		3.90
19.0 16.0 ~~95H~~	K=H	2		{3.50 3.80
18.3 11.8 ~~95~~H	K=H	3		{2.70 2.95
18.4 17.6 E	K=H	1		3.90
18.5 21.9 Ina	K=H	3		{3.22 3.62
20.9 7.4 a	K=H	1		3.82
20.2 8.7 F 1995	K=H	2		3.18
20 3 10.8 F 1996	K=H	1		3.90
20 3 20.2 H	N	1		{4.08 4.35

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1900	No. G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m °		h m ° ′						
4 12.6 −62.0	4806	4 12.5	−61 53	7.8				
4 46.5 −61.6	5497	4 46.1	−61 39	7.5				
4 56.9 −61.6	5737	4 56.3	−61 27	8.5	?			
3 58.9 −62.2	4521	3 58.5	−62 11	7				
4 13.4 −62.7	4812	4 13.1	−62 43	3.3				
4 35.1 −62.3	5276	4 35.6	−62 16	var.				
3 59.5 −62.4	4545	3 59.5	−62 27	4.7				
4 14.0 −62.4	4820	4 13.5	−62 26	6.0				
4 25.9 −63.1	5046	4 25.1	−62 59	8.8				
4 26.1 −62.7	5081	4 26.6	−62 45	6.1				
4 32.3 −63.0	5233	4 32.6	−63 2	6.2				
4 37.5 −62.6	5308	4 37.7	−62 34	7.5				
~~4 41.0 −62.7~~	~~4880~~	~~4 16.6~~	~~−63 30~~	~~6.8~~				
4 16.5 −63.5	4880	4 16.6	−63 30	6.8				
4 19.0 −63.4	4934	4 19.2	−63 24	7.5				
4 41.1 −63.5								
4 43.5 −63.4	5442	4 44.0	−63 24	6.9				
4 46.4 −63.0	5506	4 46.2	−63 0	8				
4 54.0 −63.0								
5 5.5 −63.0	5943	5 5.6	−62 58	10				
3 55.0 −63.8	4444	3 54.8	−63 46	6.6				
4 21.0 −63.6	4962	4 20.8	−63 37	5.8				
4 47.0 −63.7	5530	4 47.2	−63 39	7.2				
5 7.0 −63.5	5971	5 6.8	−63 31	5.7				
4 0.0 −64.8	4555	3 59.8	−64 42	8				
4 6.5 −64.5	4674	4 6.3	−64 30	6.7				
4 15.5 −64.6	4865	4 15.7	−64 33	8				
4 59.9 −64.6	5802	4 59.9	−64 32	7.5				

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D H Cl. Rem.			Klinc.	Int.	Br.
19.5	22.2	a	N	1	4.02
21.6	10.4	F 1997	K=H	1	4.10
21.6	19.3	a	N	2	3.57
22.3	13.7	a	N	2	3.27
22.3	22.5	a	K=H	2	3.68
23.4	11.0	a	N	1	4.08
23.6	17.0	F 1998	K=H	2	3.79

10.15 P. M.

Plate 5071

	5.6	10.0	a	N	4
	5.0	14.0	a	N	3
	4.5	15.5	H	N	1
	5.6	15.6	a	N	1
H = 6.7?	6.3	16.7	a	N	2
	7.0	8.6	F 1999	K=H	1
	6.3	8.8	F 2000	K=H	1
	6.2	12.2	a	N	2
	7.8	8.0	a	N	1
	7.9	8.9	a	N	1
	7.5	15.5	F 2001	K=H	1
	7.4	16.6	a	N	1
	7.8	22.2	a	K=H	1
	8.2	8.3	a	N	1
	8.8	8.2	a	K=H	1
	8.7	8.9	a	N	1
	8.9	11.8	H	N	1
	8.6	14.1	H	K=H	1

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1999phae.proj.0005

1900	No. G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
5h 9.0m – 64.0°	6010	5h 9.0m	–63° 54′	7				
4 13.5 – 65.2								
4 56.1 – 65.2	5749	4 56.6	– 65 10	7.4				
4 28.0 – 65.6	5141	4 28.9	– 65 36	8				
5 12.0 – 65.4	6067	5 11.6	– 65 17	7.2				
4 15.0 – 66.2	4870	4 15.9	– 66 9	8.2				
4 44.6 – 66.3								
1900								
11h 16.2m – 53.9°	15539	11 16.4	– 53 56	4.3				
11 30.1 – 53.7	15825	11 30.0	– 53 42	5.2				
11 35.8 – 53.4	15962	11 35.9	– 53 24	6.7				
11 36.2 – 54.1	15974	11 36.2	– 53 59	7.2				
11 4.0 – 54.3								
11 10.5 – 54.8	15391	11 9.8	– 54 36	8.5 ?				
11 11.5 – 54.3	15435	11 11.6	– 54 24	7.8				
11 23.7 – 54.4	15689	11 24.0	– 54 20	7				
11 8.9 – 55.1								
11 12.2 – 55.2	15443	11 12.1	– 55 0	8				
11 36.9 – 55.1	15973	11 36.2	– 55 1	7				
11 40.5 – 55.0								
11 59.9 – 55.0								
11 9.5 – 55.3								
11 9.5 – 55.6								
11 11.1 – 55.6								
11 22.2 – 55.8	15656	11 22.4	– 55 44	7.2				
11 30.5 – 55.6	15831	11 30.3	– 55 34	7.2				

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1893phae.proj..800

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D H Cl. Rem. Kline Int.

8.7	19.4	E		K=H	2
9.6	9.7	T	2002	K=H	1
9.7	10.6	H		N	1
9.9	10.8	a		N	3
10.1	12.6	a		N	1
9.6	16.1	a		K=H	1
9.2	20.3	a		N	3
9.3	20.8	a		N	1
9.9	21.4	a		N	2
9.8	23.8	a		N	2
9.7	23.9	a		N	1
10.9	6.9	a	2003	N	1
10.5	8.0	a		N	1
10.4	8.2	a		N	1
10.6	18.1	O		N	1
10.3	18.6	a		K=0.2H	3
10.3	19.2	ma?		N	1
10.8	20.5	a		K=0.2H	2
11.5	7.1	a		N	1
11.2	8.9	a		K=0.2H	3
11.1	10.8	a		N	1
12.0	11.2	H		N	1
11.9	12.9	T?	2004	K=H	
11.6	13.7	a		N	2
11.8	15.0	a		N	2
11.4	15.8	a		N	2
11.6	17.2	E		K=H	3
11.7	17.7	a		N	3

H = 12.6?

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1893phae.proj..880F

1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. CDM	R.A.	Dec.	Magn.
11h 49.9m −55.6°	16261	11h 49.9m	−55° 32′	7.0				
11 13.7 −56.2	15556	11 17.7	−56 3	7.5				
11 17.5 −56.1	15563	11 18.0	−56 14	9				
11 18.5 −56.2	15576	11 18.6	−56 14	6.6				
11 25.1 −56.4								
11 38.1 −56.1								
11 53.5 −55.8	16341	11 53.2	−55 45	6.1				
11 55.1 −55.9	16385	11 54.9	−55 44	7.8				
11 57.5 −56.1	16436	11 57.4	−56 0	8				
12 5.0 −55.9	16624	12 5.5	−55 53	7.0				
12 5.5 −55.9	16625	12 5.7	−55 52	8.5				
11 4.5 −56.6	15268	11 4.4	−56 31	7				
11 8.0 −56.5								
11 9.0 −56.6	15373	11 9.1	−56 30	8.2				
11 45.1 −56.6	16159	11 45.1	−56 29	8				
11 47.1 −56.4	16206	11 47.2	−56 26	6.1				
11 49.5 −56.4	16249	11 49.4	−56 24	7				
11 54.5 −56.6	16371	11 54.4	−56 36	7				
11 4.2 −56.9	15272	11 4.7	−56 53	8				
11 11.4 −56.8	15423	11 11.3	−56 48	7.0				
11 18.0 −57.1								
11 19.5 −57.4	15593	11 19.4	−57 20	7.2				
11 25.2 −57.3	15712	11 24.7	−57 17	8				
11 29.5 −57.1	15816	11 29.7	−57 14	7.8				
11 34.5 −57.2	15922 15923	11 34.4	−57 11	9 8.5				
11 37.1 −57.1	16003	11 37.5	−57 0	7				
11 42.0 −57.2	16120	11 42.4	−57 8	6.3				
11 44.0 −57.2	16145	11 44.3	−57 8	7				

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H	Cl.	Rem.	No.	Kline	Int.	
12.0	18.1	a		N	1	11
11.2	19.1	a		K=0.2H	3	11
11.5	21.0	a		N	3	11
11.1	21.5	H		N	1	11
11.9	21.6	a		N	1	
11.4	21.8	a		N	2	1
12.7	5.9	a		N	3	1
12.1	8.6	a		N	2	1
12.8	8.9	a?		N	1	1
13.0	8.8	a		N	2	1
12.7	9.8	Nb.		N	1	1
12.7	10.1	a		N	2	1
13.0	10.3	H		N	1	1
13.0	10.5	H?		K=H	2	1
13.0	10.8	a		N	2	1
12.7	11.3	a		N	2	1
12.2	11.8	a		N	1	1
12.6	12.4	a		N	2	1
13.0	12.5	a		N	1	1
12.5	14.0	a		K=H	1	1
12.5	14.4	a		N	1	1
12.4	17.0	a		N	2	1
12.7	17.4	F	2005	K=H	2	1
12.7	20.7	a		K-H	1	1
12.1	21.6	a		N	1	1
13.6	5.9	a		N	1	1
13.0	6.7	a		N	1	1
13.9	6.3	a		N	1	1

Two stars marked on Map? Which is measured?

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn
h m ~~4 6.0~~ °		h m	° '					
11 ~~4 5.5~~ −57.3	16173	11 45.8	−57 16	8.5				
11 49.5 −56.9	16245	11 49.2	−56 51	6.7				
11 56.4 −56.9	16417	11 56.4	−56 56	6.7				
11 58.0 −56.8	16446	11 57.9	−56 42	7.2				
11 59.0 −56.9	16474	11 59.1	−56 48	7.8				
10 59.5 −57.5	15152	10 59.8	−57 25	7.2				
11 9.5 −57.3								
11 10.5 −57.7	15413	11 10.9	−57 38	8				
11 10.2 −57.9	15409	11 10.7	−57 43	8.2				
11 14.4 −57.6	15489	11 14.3	−57 38	7.2				
11 15.5 −57.7	15512	11 15.4	−57 36	8.2				
11 16.2 −57.7	15530	11 16.2	−57 46	8				
11 17.5 −57.8	15557	11 17.7	−57 50	7.2				
11 18.0 −57.8	15573	11 18.3	−57 46	7				
11 20.0 −57.7	15606	11 19.9	−57 38	8				
11 21.6 −57.5	15647	11 21.7	−57 22	8				
11 24.0 −57.7	15690	11 23.9	−57 35	7.5				
11 24.5 −57.9	15700	11 24.3	−57 48	8.5				
11 29.9 −57.6								
11 31.9 −57.6								
11 41.0 −57.6	16098	11 41.6	−57 28	8				
11 42.9 −57.8	16131	11 43.3	−57 40	7.5				
11 56.0 −57.6								
11 59.0 −57.3	16465	11 58.7	−57 11	8.5				
10 59.6 −58.0	15150	10 59.6	−58 14	9.2				
11 2.6 −57.8	15226	11 2.7	−57 42	8.5				
11 0.5 −58.1	15167	11 0.3	−58 13	7.5				

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λ	H	Cl.	Remr	Klima	Int
13.5	7.8	a		N	3
13.4	8.1	a		N	2
13.7	8.5	a		N	1
13.8	10.4	H		K=H	1
13.9	11.9	H		N	1
13.6	12.3	a		N	2
13.8	12.6	H	2006	K=H	2
13.9	13.0	H		N	1
13.5	15.0	E		K=H	1
13.7	16.5	E_0		K=H	1
13.5	23.0	a		N	2
18.0	5.9	a		N	1
14.4	6.0	a		N	1
14.7	6.4	a		N	2
14.2	6.4	a		N	1
14.1	6.7	a		N	2
14.4	6.6	a		N	2
14.2	6.8	a		N	2
14.5	7.3	L		K=1.5H	3
14.4	8.6	a		N	1
14.6	9.6	a		N	2
14.8	9.7	a		N	2
14.9	9.8	a		N	2
14.5	10.0	a		N	1
14.1	10.1	a		N	1
14.7	10.3	a		N	2
14.2	10.8	a		N	1
14.3	10.9	a		N	1

H = 10.9 ?

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m °		h m ° ′						
11 7.0	−58.0	15318	11 6.6	−57 55	7			
11 8.5	−58.0	15344	11 7.7	−57 53	7.2			
11 9.1	−58.2							
11 17.0	−58.2							
11 19.0	−58.2	15578	11 18.8	−58 14	7			
11 23.5	−58.1	15674	11 23.2	−58 8	7.8			
11 24.9	−58.3	15703	11 24.4	−58 14	8			
11 26.5	−58.3	15738	11 26.1	−58 15	8			
11 34.5	−58.1	15921	11 34.4	−58 2	8			
11 40.1	−58.2	16061	11 40.0	−58 8	8			
12 5.0	−57.9	16603	12 4.4	−57 47	8			
10 58.5	−58.6	15130	10 58.9	−58 34	8.5			
10 59.0	−58.4	15124	10 58.6	−58 10	8.2			
11 0.5	−58.6	15174	11 0.7	−58 29	8.2			
11 0.6	−58.3	15172	11 0.6	−58 11	7.8			
11 1.5	−58.5							
11 2.5	−58.2	15215	11 2.3	−58 7	6.9			
11 3.0	−58.3	15225	11 2.7	−58 15	7.5			
11 4.5	−58.5	15266	11 4.4	−58 26	4.6			
11 9.2	−58.4	15376	11 9.2	−58 22	8.5			
11 13.2	−58.6	15464	11 13.1	−58 33	7.1			
11 13.5	−58.7	15475	11 13.4	−58 39	7.2			
11 13.7	−58.8	15477	11 13.5	−58 41	7.3			
11 14.5	−58.5							
11 15.5	−58.4	15516	11 15.6	−58 38	7.5			
11 16.0	−58.7	15544	11 16.9	−58 42	8.5			
11 18.5	−58.4	15578	11 18.8	−58 14	7			
11 19.0	−58.5	15586	11 19.0	−58 32	7.5			

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G H	Cl.	Rem.	No.	Klino	Int.	
14.5	11.2	a		N	1	
15.0	11.1	a		N	1	
15.0	11.8	F?	2009	K=H	1	
15.0	11.8	a		N	2	
15.0	13.3	G		K-H	3	
14.2	15.2	H		N	1	
16.0	16.5	a		N	1	
16.0	21.6	a		N	3	
14.9	22.0	a		N	1	
14.6	23.6	a		N	1	
14.4	24.3	a		N	1	Not marked on plate.
15.2	6.4	a		K=H	1	
15.6	7.9	a		N	1	
15.4	8.2	a		N	1	
15.8	8.5	a		N	1	
15.7	8.7	B	2008	N	3	
15.9	9.5	a		N	2	
16.0	11.5	a		N	1	
15.2	13.3	G?		K=H	3	
15.6	13.5	a		K=0.3H	3	
15.6	13.9	F	2009	K=H	2	
16.0	18.6	a		N	1	
15.6	19.8	a		N	2	
15.9	19.9	a		N	2	
16.3	6.0	G?		K=H	1	
16.4	6.6	a		N	2	
16.5	6.9	a?	2010	N	2	
16.3	7.2	a	2011	N	1	

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m °		h m ° ′						
11 20.1 −58.5	15605	11 19.8	−58 44	9				
11 18.2 − 58.9								
11 19.5 − 58.9								
11 21.6 − 58.9	15643	11 21.5	− 58 48	8				
11 27.5 − 58.8	15755 ~~15756~~	11 27.1	− 58 ~~56~~ 53	5.2 ~~5.5~~				
11 35.0 − 58.5	15953	11 35.3	−58 27	7.5				
11 40.0 −58.8								
11 59.5 − 58.7	16483	11 59.6	− 58 41	6.8				
12 1.0 − 58.6	16531	12 1.2	−58 35	9				
12 6.7 − 58.4								
12 9.7 − 58.2	16726	12 9.8	− 58 11	3.4				
11 1.9 −58.8								
11 6.1 − 59.1								
11 7.5 − 58.9	15334	11 7.4	− 58 51	8.2				
11 8.2 − 59.2	15360	11 8.5	− 59 8	7.5				
11 9.5 − 59.1	15377	11 9.2	− 59 4	6.6				
11 13.0 − 59.2	15461	11 12.9	− 59 13	7.8				
11 20.0 − 59.4								
11 27.4 − 58.9	15756	11 27.1	− 58 58	5.5				
11 28.0 − 59.2	15779	11 27.9	− 59 10	7.8				
11 29.6 − 59.2	15811	11 29.5	− 59 7	7.8				
11 32.5 − 59.5								
11 52.5 − 59.1								
11 53.0 − 59.3	16346	11 53.3	− 59 12	7.4				
10 58.5 − 59.2	15123	10 58.6	− 59 12	7				
11 0.7 − 59.4	15175	11 0.7	− 59 19	7.1				
11 1.6 − 59.4	15204	11 1.9	− 59 25	7.3				
11 3.1 − 59.4	15235	11 3.0	− 59 20	8				

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G H Cl. Rem. Kline Int.

measured below
~~star at left of the~~
~~marked on plate but~~
~~not measured:~~

17.0	8.6	7-G	3012	K=H	3
16.9	9.2	a		N	1
16.9	10.0	F	2013	K=H	2
16.7	10.6	G		K=H	1
16.3	13.1	a		N	1
16.8	13.2	a		N	2
16.9	14.8	a		K=H	2
16.7	15.7	a		K=H	3
17.0	16.4	F	2014	K=H	2
16.7	18.0	F	2015	K=H	1
16.8	19.2	F	2016	K=H	1
16.3	22.6	a		N	2
15.4	22.3	a		N	1
16.9	23.3	a		K=H	2
16.9	23.4	a		K=H	1
16.2	23.6	H		N	1
17.2	7.3	F	2017	K=H	1
17.1	8.4	a		N	2
17.5	10.6	a		N	1
H=12.4?	17.2	20.4	H		N	1
17.4	13.4	a		N	3
17.9	13.5	a		N	2
17.7	13.7	a		N	1
17.9	14.2	a		K=H	3
17.9	14.5	a		N	2
17.9	14.8	a		N	2
18.0	14.8	a		K=0.5H	2
17.2	15.3	a		K=H	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
11h 8.5m	−59.8°	15356	11h 8.3m	−59° 46′	5.2			
11 11.0	−59.7	15415	11 10.9	−59 37	8			
11 14.1	−59.8	15487	11 14.1	−59 42	8			
11 16.5	−59.7	15540	11 16.5	−59 37	8			
11 26.1	−59.6	15729	11 25.8	−59 28	8.8			
11 26.1	−59.9	15741	11 26.2	−59 46	8.2			
11. 33.1	−59.9	15888	11 32.9	−59 48	7.8			
11 37.5	−59.8	16013	11 37.9	−59 52	7.5			
11 40.1	−59.9	16058	11 39.9	−59 50	8			
11 46.0	−59.7	16180	11 46.1	−59 37	8.5			
11 50.2	−59.7							
12 4.0	−59.3	16593	12 4.2	−59 12	7.3			
12 2.7	−58.9	16561	12 2.7	−58 44	8			
12 7.0	−59.5	16667	12 7.2	−59 30	7.0			
12 7.5	−59.4	16672	12 7.4	−59 29	8			
12 7.2	−59.2	16675	12 7.6	−59 6	7.2			
11 4.0	−59.8	15260	11 3.9	−59 42	8.5			
11 7.5	−59.8	15335	11 7.4	−59 46	7.5			
11 17.0	−60.1							
11 23.2	−60.0	15672	11 23.2	−59 56	7.8			
11 27.2	−60.1	15757	11 27.2	−60 3	7.8			
11 28.0	−60.3	15772	11 27.6	−60 18	8.2			
11 29.0	−60.3	15807	11 29.1	−60 20	8.8			
11 31.5	−60.5	15837	11 30.7	−60 20	7			
11 31.9	−60.4	15862	11 31.8	−60 30	6.6			
11 32.5	−60.4							
~~11 33.0~~	~~−60.5~~	15890	11 32.9	−60 21	7.3			
11 33.0	−60.5	15891	11 33.0	−60 25	7.8			
11 36.1	−60.0	15976	11 36.3	−60 3	8.5			

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G. H.	Cl.	Rem.	No.	Kline	Int.
17.5	15.5	a		N	1
17.6	15.8	a		N	1
17.5	17.1	a		N	1
17.3	19.6	H		K=H	2
18.0	20.0	a		N	1
18.1	16.3	a		N	1
18.8	6.9	a		N	2
18.3	7.6	a		N	1
18.5	8.1	O		N	2
18.5	10.6	a		K=H	2
18.8	10.9	H.		N	1
18.4	12.2	~~Ca~~		N	3 2
18.7	13.3	E?		K=H	2
18.7	14.3	a		K=0.5H	2
16.7	14.7	S		K=H	3
19.1	14.8	a		N	2
18.5	15.2	a		N	2
18.1	15.5	H		N	1
18.4	15.5	H		N	1
18.5	16.8	G		K=1.2H	4
18.9	18.4	a		N	1
18.7	20.9	a		N	2
18.4	21.2	Ma?		N	1
18.9	21.2	E?		K=H	1
18.3	22.2	H		N	1
19.5	5.6	a		N	3
20.0	6.2	a		K=H	1
19.7	9.9	a		N	2

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
11h 36.5m	-60.2°	15979	11h 36.3m	-60° 22'	7.8	?		
11 38.0	-60.2	16006	11 37.6	-60 24	7.5	?		
11 43.0	-60.2	16122	11 42.7	-60 4	8.5			
11 52.5	-59.8	16331	11 52.7	-59 53	7.3			
11 54.0	-60.3	16380	11 54.7	-60 14	8			
10 58.5	-60.3	15135	10 59.0	-60 22	7.2			
11 0.6	-60.6	15176	11 0.8	-60 31	8			
11 4.0	-60.4	15258	11 3.9	-60 17	8			
11 6.0	-60.6	15323	11 6.8	-60 34	8.8	? or 15308?		
11 16.5	-60.6	15524	11 16.0	-60 33	7.2			
11 17.5	-60.8	15547	11 17.2	-60 41	7.8			
11 22.5	-60.6	15652	11 23.1	-60 34	6.2			
11 26.9	-60.7	15747	11 26.6	-60 43	7.0			
11 31.0	-60.8	15842	11 31.1	-60 44	7.2			
11 32.5	-60.7	15877	11 32.4	-60 44	5.9			
11 33.0	-61.0	15889	11 32.9	-60 56	7.8			
11 35.6	-60.7	15954	11 35.4	-60 38	8			
11 36.5	-60.4	15979	11 36.3	-60 22	7.8			
11 36.5	-60.6	15985	11 36.5	-60 35	7			
11 41.5	-60.6	16100	11 41.7	-60 37	4.7			
11 48.0	-60.8	16230	11 48.5	-60 43	8.5			
11 58.0	-60.6							
11 57.7	-60.4	16488	11 59.8	-60 24	6.6			
12 0.0	-60.7	16494	12 0.0	-60 37	7.3			
12 3.0	-60.3	16574	12 3.2	-60 17	6.8			
10 55.2	-60.8	15040	10 55.2	-60 47	7.0			
10 58.0	-61.1	15098	10 57.6	-61 1	8			
11 4.9	-61.1	15265	11 4.3	-61 5	8			

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		Q H bl. Rem. Kline Int.		
19.6	9.3	a	N	1
19.7	10.3	a	N	1
19.5	11.7	H	N	1
19.7	13.4	C	K=H	1
19.9	13.7	a	N	1
19.4	14.3	a 2018	N	2
19.4	14.4	a 2019	N	2
19.4	14.5	a 2020	N	2
19.7	14.9	a	K=O1H	3
19.2	16.6	a	N	1
19.9	17.8	a	K=H	2
19.4	18.2	a	N	1
19.2	20.1	a	K=H	1
19.3	22.7	F1 2021	K=H	2
20.4	8.0	a 2022	N	3
21.0	15.0	a	N	2
20.9	15.3	H	N	1
20.2	15.4	Lo	K=H	3
20.3	16.7	a	K=H	1
20.7	18.1	a	N	2
20.7	18.4	a	N	1
20.7	18.8	a	N	1
20.8	20.5	a	N	2
20.5	21.0	F 2028	K=H	2
21.4	7.6	K	K=H	3
22.0	10.1	a	N	1
21.9	12.3	a	N	1
21.8	13.2	a	N	1

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1900	No. G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	RA	Dec.	Magn.
h m ° 11 10.0 − 61.1	15392	h m ° ′ 11 10.1 − 61 2		8.5				
11 14.5 − 61.2								
11 20.1 − 61.1					15613-14-15?			
11 27.0 − 61.3	15763	11 27.2 − 61 13		8				
11 28.2 − 61.3	15790	11 28.2 − 61 16		8.5				
11 31.0 − 61.1	15843	11 31.1 − 61 1		7.2	?			
11 31.9 − 61.1	15864	11 31.9 − 61 6		7.8				
11 32.4 − 61.2	15868	11 32.0 − 61 3		8.5	?			
11 33.5 − 61.3	15901	11 33.5 − 61 16		6.0				
11 41.0 − 61.0	16086	11 40.9 − 60 53		8				
11 46.5 − 61.3	16183	11 46.3 − 61 17		7.0				
11 47.5 − 61.1								
11 54.9 − 60.9	16368	11 54.2 − 60 41		8.5				
12 6.0 − 60.7	16631	12 5.8 − 60 43		6.7				
11 4.5 − 61.4	15269	11 4.4 − 61 24		6.0				
11 34.9 − 61.9	15925	11 34.5 − 61 52		7.2				
11 36.0 − 61.9	15956	11 35.6 − 61 52		7.8				
11 36.5 − 61.6	15975	11 36.2 − 61 32		5.7				
11 41.6 − 61.6	16102	11 41.8 − 61 31		7.5				
11 47.6 − 61.7	16216	11 47.7 − 61 40		7.8				
11 49.0 − 61.7	16240	11 48.8 − 61 38		9.5				
11 50.1 − 61.7	16276	11 50.5 − 61 38		8				
11 57.5 − 61.7	16443	11 57.8 − 61 37		7.2				
11 59.9 − 61.5	16488	11 59.8 − 60 24		6.6				
11 2.9 − 61.9	15222	11 2.4 − 61 53		5.3				
11 13.0 − 62.3	~~15657~~	~~11 22.4 − 62 16~~		~~8.2~~				
11 22.5 − 62.2	15657	11 22.4 − 62 16		8.2				
11 26.1 − 62.3								

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H	Cl	Rem.	Kline	Int.
22.0	14.4	a	K=0.1H	4
21.1	14.8	a	K=H	2
22.0	15.0	a	N	1
22.2	15.3	a	N	3
21.9	16.1	a	N	3
21.5	17.6	a	K=0.5H	3
21.2	19.3	a	N	3
22.0	19.6	a	K=H	2
21.9	20.1	a	N	1
21.2	20.3	a	K=H	1
21.9	20.5	a	N	1
22.3	10.4	H	N	1
22.9	11.8	a	N	1
23.0	11.9	a	N	1
22.1	13.3	a	N	1
22.8	14.8	a	N	1
22.6	14.9	a	N	1
22.8	15.0	a	N	2
22.5	15.7	a	K=H	1
22.8	18.5	a	N	2
22.8	19.0	a	N	1
23.0	22.4	a	N	3
22.9	20.7	a	N	3
22.5	21.0	a	N	2
22.6	22.5	F 2024	K=H	2
23.3	10.3	a	N	1
23.9	17.3	B 2025	N	3
23.9	18.4	a	N	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m °		h m ° ′						
11 31.1 −62.5	15848	11 31.1 −62 28		3.4				
11 33.5−61.9	15893	11 33.2−61 55		8.2				
11 35.0−62.4								
11 36.0−62.0	15964	11 35.9−62 0		8	?			
11 38.9−62.3	16046	11 39.1−62 19		7.0				
11 45.5−62.1	16169	11 45.5−62 5		6.5				
11 52.5−61.9	16329	11 52.6−61 53		6.3				
11 54.9−62.3	16372	11 54.3−62 16		7.0				
11 56.5−62.1	16422	11 56.7−61 58		7.2				
11 57.4−61.9	16433	11 57.3−61 51		7.8				
11 58.5−62.2	16457	11 58.3−62 8		8.2				
11 14.0−62.5								
11 19.5−62.8								
11 20.9−62.8								
11 26.6−62.5								
11 33.1−62.8	15894	11 33.1−62 46		7.5				
11 33.5−62.7	15905	11 33.5−62 38		8				
11 34.0−62.8	15908	11 33.7−62 49		7.2				
11 38.0−62.6	16010	11 37.7−62 35		8				
11 50.0−62.7	16263	11 50.0−62 43		6.7				
11 52.1−62.7	16308	11 51.9−62 41		7				
11 58.5−62.8	16451	11 58.0−62 45		4.7				
11 59.5−62.6	16479	11 59.2−62 36		5.3				
12 1.0−62.4	16499	12 0.3−62 25		7.7				
12 7.5−62.4	16663	12 7.1−62 23		6.7				
11 13.0−63.0	15471	11 13.3−62 56		7.8				
11 45.0−63.3	16151	11 44.8−63 14		4.9				
11 49.5−63.2	16253	11 49.6−63 8		7.5				

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δ H Cl. Rem. Kline Int.

23.7 18.5 a N 1

23.6 22.4 a N 2

24.7 9.4 a N 3

24.1 12.2 F 2026 K-H 3

23.0 12.9 F, 2025 K-H 2

0 55 24.3 21.6 a N 1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
h m ° 11 50.5	−63.2	16271	h m ° ′ 11 50.3	−63 8	8.2			
12 7.1	−62.8	16662	12 6.9	−62 53	7.3			
11 8.5	−63.7	15365	11 8.6	−63 37	5.7	?		
11 21.1	−63.4	15640	11 21.4	−63 25	5.7			
11 24.9	−62.9	15714	11 24.8	−63 0	7			
12 5.0	−63.2					?		

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Plate 5869

22h 30m

b	H	Cl.	Rem.	Nr.	Kline	Int.
4.1	6.7	a		Nr		2
4.7	7.6	a		Nr		3
4.6	7.7	a		Nr		1
4.6	8.1	a		Nr		1
4.5	9.1	a		Nr		1
4.0	11.0	H		K=H		2
4.2	11.8	F	2028	K=H		2
4.4	12.2	a		Nr		1
4.0	13.4	a		Nr		1
4.7	14.7	a		Nr		1
4.7	15.4	a		Nr		2
4.7	16.5	a		K=H		1
4.5	16.9	a		Nr		1
4.1	17.0	a		Nr		3
4.8	17.5	a		K:0.2H		2
4.9	17.6	a		Nr		1
43.9	20.8	a		Nr		2
5.4	6.6	a		Nr		1
5.5	6.8	a		Nr		2
5.7	8.9	a		Nr		1
5.8	9.2	a		Nr		2
5.4	9.5	F		K=H		2
6.0	10.1	a		Nr		1
5.7	10.5	H		Nr		1
5.5	10.7	H		Nr		1
5.4	10.8	a		Nr		1
5.2	11.7	F		Nr		2
5.1	11.9	a		Nr		1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
9h 5m.5		−53°.3	12477	9h 5m.9		−53° 11′		7.2
9 8.5		−53.7	12540	9 8.6		−53 37		7
9 9.2		−53.6	12551	9 9.0		−53 33		7.7
9 10.5		−53.6	12585	9 10.3		−53 34		8
9 13.6		−53.6						
9 20.5		−53.4	12812	9 19.9		−53 23		7.2
9 23.5		−53.5	12872	9 22.7		−53 24		7.5
9 24.5		−53.6						
9 28.7		−53.5						
9 32.0		−53.8	13126	9 32.5		−53 44		7.5
9 34.5		−53.8	13171	9 34.7		−53 46		7.2
9 38.4		−53.8	13252	9 38.5		−53 46		8
9 40.0		−53.7	13273	9 39.8		−53 37		8
9 40.2		−53.5	13282	9 40.3		−53 26		5.8
9 42.0		−53.8	13313	9 41.8		−53 47		7.8
9 42.0		−53.9						
9 52.6		−53.2	13586	9 52.7		−53 9		6.9
9 4.7		−54.0	12451	9 4.7		−54 10		8.5 ?
9 5.5		−54.1	12473	9 5.7		−53 58		7.5
9 12.5		−54.2						
9 13.6		−54.3						
9 14.5		−54.1	12675	9 14.6		−54 4		7
9 16.5		−54.4						
9 17.7		−54.3						
9 18.7		−54.2						
9 19.5		−54.1						
9 22.5		−54.1	12858	9 22.2		−54 1		7.2
9 23.1		−54.1						

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λ	H	Cl.	Num. Nr.	Kline	Int.
5.0	12.2	Ĵ		K=H	2
6.0	12.1	a		N	2
5.9	12.2	a		N	1
5.9	12.9	a		N	1
5.7	13.0	a		N	1
5.9	13.9	a		N	2
5.5	13.9	a		N	1
5.7	15.8	a		N	3
5.1	16.1	a		N	1
5.8	16.8	a		N	1
5.1	8.3	H		K=H	1
5.7	9.3	f	2029	K=H	2
5.1	19.9	a		K=H	1
5.4	20.8	a		N	1
5.5	20.9	a		K=H	5
5.9	23.5	a		N	1
5.9	23.8	a		K=H	1
5.0	8.4	a		N	1
6.5	8.9	a		K=H	1
6.7	10.1	a		N	2
6.9	10.3	H		N	1
6.2	10.8	B	2030	N	5
6.1	11.3	a		N	1
6.2	11.8	a		N	1
6.3	11.9	H		N	1
6.9	11.9	a		N	1
7.0	12.3	a		N	1
6.9	12.6	a		N	2

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
T h m 24.0	-54.0 12901	g h m 23.7	-53 ° ' 55	7.5				
g 23.6	-54.6 12891	g 23.3	-54 26	7.8				
g 24.0	-54.5 12899	g 23.7	-54 22	8				
g 26.4	-54.5 12972	g 26.1	-54 21	8				
g 26.7	-54.4 12983	g 26.4	-54 16	8.2				
g 29.9	-54.6 13060	g 29.5	-54 24	7.2				
g 30.0	-54.4 13065	g 29.6	-54 10	8.5				
g 35.9	-54.3 13205	g 36.1	-54 18	7.1				
g 37.0	-54.0							
g 39.5	-54.4							
g 10.0	-53.8 12585	g 10.3	-53 34	8				
g 13.4	-54.3 ~~13589~~	~~g 53.1~~	~~-53 56~~	~~8.8~~				
g 50.2	-53.9							
g 53.2	-54.0 13589	g 53.1	-53 56	8.8				
g 53.6	-54.1 13593	g 53.4	-54 5	3.9				
10 3.0	-54.2 13798	10 2.3	-54 6	7.8				
10 4.2	-54.2 13815	10 3.5	-54 4	8				
g 10.5	-54.8							
g 12.0	-54.7							
g 16.5	-54.8 12723	g 16.5	-54 45	6.8				
g 17.0	-54.9 12739	g 17.1	-54 49	8.5				
g 19.0	-54.6 12788	g 19.0	-54 35	2.7				
g 21.0	-54.6							
g 22.5	-54.6 12863	g 22.3	-54 30	8.2				
g 22.6	-54.7 12870	g 22.5	-54 34	8				
g 22.7	-55.0							
g 24.5	-55.0 12911	g 24.0	-54 56	8.5				
g 25.0	-55.0 12928	g 24.8	-54 53	8.2				

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G H Cl. Rem. Klinefelter.

6.2	13.2	a	N 1
6.7	13.3	H	N 1
6.9	14.4	H	N 1
6.2	16.2	a	N 2
6.6	16.5	a	N 3
6.9	17.9	a	N 1
6.9	18.9	a	N 1
7.0	19.2	a	K=H 1
7.0	19.7	a	K=H 3
6.1	20.0	a	N 2
6.7	20.2	a	N 1
6.6	20.8	a	N 1
6.6	22.2	a	N 1
6.6	23.1	a	N 1
7.3	6.8	a	N 2
7.0	6.8	a	N 1
7.6	8.7	G H	K=1.2H 3
7.8	8.9	a	N 3
7.6	9.2	F_2 2031	K=H 1
8.0	10.6	a	N 1
7.3	10.8	a	K=0.2H 3
7.9	11.4	a	N 1
7.7	16.0	a	N 2
7.9	16.7	G	K=H 2
7.2	19.5	a	N 2
Look up on plate 8.0	22.6	a	N 1
8.3	6.5	a	N 3
8.2	8.3	a	N 1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Mag.
9h 27.1m		-54.6°						
9 27.5		-54.8	13008		9 27.3	-54	48	8
9 31.5		-55.0						
9 37.2		-54.6	13233		9 37.6	-54	32	7.2
9 38.5		-54.8	13253		9 38.5	-54	46	6.5
9 43.4		-55.0						
9 46.9		-54.9						
9 48.1		-54.9	13463		9 48.2	-54	55	8
9 49.5		-54.9	13499		9 49.6	-54	54	6.8
9 50.5		-54.4	13524		9 50.5	-54	22	8.5
9 51.5		-54.7	13544		9 51.4	-54	40	8.5
9 53.5		-54.7	13592		9 53.3	-54	36	9.2
9 58.6		-54.6	13711		9 58.5	-54	30	8 ?
10 1.6		-54.6	13773		10 1.2	-54	28	8
9 4.6		-55.0	12457		9 4.9	-54	55	8.2
9 5.0		-54.8						
9 11.2		-55.2	12613		9 11.3	-55	9	6.0
9 11.9		-55.3	12628		9 11.8	-55	13	8.5
9 12.8		-55.2						
9 18.0		-55.5						
9 18.9		-55.1	12785		9 18.8	-55	5	6.4
9 21.4		-55.4						
9 36.5		-55.3						
9 39.1		-55.5	13266		9 39.4	-55	23	7.8
9 49.1		-55.1	13488		9 49.2	-54	59	8
9 3.5		-55.4	12427		9 3.7	-55	24	6.7
9 9.7		-55.5						

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v	H-Cl	Remarks	Kline	Int
8.9	9.2	H	N	1
8.2	9.7	H	K=H	2
8.5	10.1	H	N	1
9.0	10.2	a	K=0.2H	3
8.2	11.0	H	2032 K=H	2
8.8	11.1	a	N	1
8.4	12.1	a	N	3
8.1	12.3	H?	N	1
8.7	12.9	H	N	1
9.0	13.5	a	N	1
8.2	13.8	a	K=H	1
8.2	15.4	a	N	1
8.8	15.4	H	N	1
8.3	17.3	a	N	2
9.0	18.0	a	N	1
8.6	18.2	H	N	1
8.9	18.3	K-G	K=H	3
8.9	20.2	a	N	2
8.3	20.5	a	N	1
8.6	21.0	a	N	1
8.6	21.9	a	N	3
8.9	22.2	a	N	2
8.4	22.7	a	N	2
9.4	6.1	a	N	3
9.9	9.6	H	2003 K=H	1
9.3	10.6	H	N	1
9.2	10.7	a	N	1
10.0	11.0	K	K=H	2

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1900		A.G.C. No.	R.A. 1900	Dec. 1900	Magn.	B.D.M. No.	R.A.	Dec.	Magn.
9h	12.5m	−55.9	12637	9h 12.6m	−55° 50′	8			
9	14.6	−55.6	12674	9 14.5	−55 31	7.8			
9	16.0	−55.7	12707	9 15.9	−55 38	8.2			
9	16.5	−55.9	12714	9 16.2	−55 56	7.4			
9	19.4	−55.6	12793	9 19.3	−55 32	8			
9	19.5	−55.9							
9	23.2	−55.7	12879	9 23.0	−55 39	8			
9	24.1	−55.6							
9	26.0	−55.9	12985	9 26.5	−56 5	8.8			
9	28.5	−56.1							
9	29.4	−55.7							
9	35.1	−55.6							
9	35.4	−55.9							
9	41.5	−55.6							
9	44.5	−56.0							
9	45.0	−55.8	~~13403~~	9 ~~45.4~~	~~−55 57~~	~~6.7~~			
9	45.5	−55.9	13403	9 45.4	−55 57	6.7			
9	52.0	−55.9							
9	53.0	−55.6							
9	54.6	−55.8	13619	9 54.4	−56 3	8.5			
9	58.0	−55.6	13695	9 57.8	−55 37	6.8			
9	59.4	−55.8	13724	9 59.1	−55 46	8			
10	0.9	−55.5	13754	10 0.5	−55 25	8.5			
9	1.7	−56.0	12389	9 1.7	−55 57	7.3			
9	14.0	−56.4	12658	9 13.8	−56 20	8			
9	17.6	−56.2	12752	9 17.6	−56 3	8.8			
9	18.1	−56.1							
9	18.7	−56.6	12784	9 18.7	−56 28	7.8			

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for
G H Cl Rem. Kline Int.

10.0	12.5	a	N 1
9.3	13.1	a	N 2
9.7	13.4	a	N 1
10.0	13.6	K	K=H 3
10.0	13.8	a	N 3
9.9	14.4	a	N 1
9.1	14.5	a	N 1
9.8	15.4	H	N 1
9.2	15.8	a	N 2
10.0	16.9	a	N 2
9.4	17.7	a	N 1
9.7	18.0	a	N 2
9.3	19.2	a	N 1
10.0	20.7	a	N 2
9.4	20.8	a	N 1
9.5	21.9	a	N 1
9.5	23.8	H	N 1
9.5	23.9	H	N 1
10.2	6.3	H	N 1
11.0	7.6	a	N 1
10.8	8.1	a	N 1
10.9	9.0	a	N 1
10.8	10.1	K	K=H 2
10.6	10.5	a	K=H 1
10.8	10.9	H	N 1
10.7	11.5	a	N 1
10.9	12.0	a	N 2
10.7	12.2	A	N 1

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1900	A.G.C. No.	R.a. 1900	Dec. 1900	Magn.	C.D.M. No.	R.A.	Dec.	Magn.
9h 24.5m – 56.6°	12920	9h 24.7m	–56° 34′	8.8				
9 26.9 – 56.2	12985	9 26.5	–56 5	8.8				
9 27.5 – 56.4								
9 28.5 – 56.6	13030	9 28.2	–56 36	3.2				
9 29.0 – 56.6	13042	9 28.9	–56 33	8.2				
9 31.8 – 56.5								
9 32.0 – 56.2								
9 35.2 – 56.5	13176	9 34.9	–56 25	8.8				
9 36.2 – 56.2								
9 40.5 – 56.6	13284	9 40.3	–56 30	8.2				
9 43.6 – 56.2	13359	9 43.3	–56 7	8.5				
9 44.5 – 56.3	13377	9 44.1	–56 18	7.5				
9 48.5 – 56.1								
9 54.4 – 56.5	13616	9 54.2	–56 23	7.8				
9 54.5 – 56.1	13619	9 54.4	–56 3	8.5				
9 58.0 – 56.1								
10 5.4 – 56.0	13844	10 4.9	–55 56	7.8				
10 5.7 – 56.0	13851	10 5.2	–55 55	7.5				
9 2.0 – 56.4								
9 6.5 – 56.9								
9 8.0 – 56.8								
9 11.6 – 56.9								
9 16.0 – 57.0								
9 17.5 – 56.8	12763	9 18.2	–56 50	8.5				
9 18.5 – 57.0								
9 21.0 – 56.9								
9 22.6 – 57.0								
9 23.5 – 56.9								

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Plate 5-8.69

V	H	Cl	Rem	Kline	Int.
10.8	12.7	H		N	1
10.3	14.0	a		N	3
10.5	14.3	a		N	1
10.3	15.1	H		N	1
11.0	15.5	a		K:0.2H	3
11.0	15.7	H		N	1
10.7	15.9	a		N	1
10.5	16.2	?		K=H	3
10.5	17.5	a		N	3
9.7	17.5	a		N	1
10.8	17.8	H		N	1
10.3	18.3	H		N	1
10.5	19.1	a		N	1
10.9	20.0	a		N	3
11.0	20.7	a		N	1
10.5	21.2	a		N	1
10.2	21.6	G-H		K=H	2
11.0	21.9	H-G		K=H	2
10.3	22.8	a_2		K=H	2
10.1	24.1	a		N	1
11.5	7.2	G-H		K=H	1
11.3	7.3	a		N	1
11.6	7.4	Fe ?	2034	K=H	1
11.8	8.2	a		N	1
11.6	8.3	a		N	2
11.6	8.1	a		N	1
11.8	8.7	a		N	1
11.3	8.7	a		N	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
9h 25.0m – 57.0°	12935	9h 24.9m	–56° 53′	8				
9 30.0 – 56.7	13067	9 29.8	–56 39	7.5				
9 31.0 – 56.8								
9 33.9 – 56.8								
9 35.6 – 57.1	13187	9 35.4	–57 5	8.5				
9 36.1 – 57.1								
9 36.5 – 56.9								
9 37.6 – 56.8	13238	9 37.9	–56 48	6.6				
9 42.6 – 56.8	13332	9 42.5	–56 44	6.9				
9 42.5 – 56.3								
9 44.1 – 56.9	13374	9 44.0	–56 53	8.5				
9 45.6 – 56.6								
9 48.5 – 56.7								
9 51.8 – 56.9	13559	9 51.8	–56 54	6.9				
9 54.7 – 57.0								
9 56.5 – 56.7								
9 57.5 – 56.5	13683	9 57.2	–56 28	6.8				
9 59.0 – 56.9	13714	9 58.5	–56 52	6.6				
10 1.8 – 56.4	13779	10 1.6	–56 24	6.9				
10 7.1 – 56.3	13884	10 6.3	–56 15	8				
9 4.5 – 57.1	12450	9 4.6	–57 4	7				
9 5.0 – 57.1								
9 5.5 – 57.3								
9 8.2 – 57.4	~~12542~~	9 8.8	~~–57 12~~ –57 33	~~8.2~~ 7				
9 8.9 – 57.3	12547	9 8.8	–57 12	8.2				
9 7.9 – 57.3								
9 10.0 – 57.4								
9 10.0 – 57.2								

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v H Cl. Rem. Nr. Kline Int.

11.7	9.2	H	Nr 1
11.4	9.4	G	K=H 2
11.3	9.6	J	K=H 3
11.6	12.3	a	Nr 1
11.6	13.0	H	Nr 1
11.1	13.3	a	Nr 3
11.5	13.8	a	Nr 1
11.1	14.0	a	Nr 3
12.0	14.0	a	Nr 2
11.8	14.2	H?	Nr 2
12.0	14.2	a	Nr 3
11.5	14.3	a	Nr 1
11.8	14.4	a	Nr 1
12.0	15.0	J	K=H 1
12.0	15.2	a	Nr 1
11.9	15.8	a	Nr 1
11.9	16.1	a	K=0.2H 5
11.3	16.7	a	Nr 2
11.3	17.0	F	2035 K=H 2
11.2	17.2	J	K=H 2
12.0	17.0	a	Nr 1
11.4	18.2	H	Nr 1
12.0	18.5	a	Nr 1
11.3	18.7	a	Nr 1
11.5	19.7	a	Nr 1
11.7	19.9	Q	Nr 1
11.5	20.4	a	Nr 2
11.8	20.5	a	Nr 1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
9h 12.0m −57.3								
9 12.6 −57.2	12641	9 12.8	−57	9	7			
9 13.4 −57.2	12652	9 13.4	−57	7	4.8			
9 23.5 −57.4								
9 26.1 −57.4								
9 27.4 −57.2								
9 29.4 −57.4								
9 29.5 −57.2								
9 29.5 −57.6								
9 30.2 −57.4	13080	9 30.3	−57	27	7.5			
9 30.3 −57.6	13088	9 30.2	−57	32 27	7.8			
9 30.5 −57.4								
9 31.0 −57.5								
9 33.5 −57.7								
9 34.4 −57.7								
9 36.5 −57.6	13204	9 36.1	−57	50	7.8			
9 37.5 −57.6	13234	9 37.7	−57	32	6			
9 39.9 −57.2								
9 40.6 −57.3	13291	9 40.8	−57	11	7.5			
9 41.9 −57.2	13310	9 41.7	−57	7	7.5			
9 41.0 −57.6								
9 45.5 −57.3								
9 46.9 −57.5	13444	9 47.0	−57	35	8.2			
9 47.0 −57.2								
9 51.1 −57.3	13530	9 50.6	−57	9	8.2			
9 51.6 −57.3	13554	9 51.6	−57	15	8.5			
9 53.9 −57.2	13599	9 53.4	−57	11	8			
9 55.5 −57.3								

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v H Cl Rem. Klinc Int

11.8	21.9	a	N 2
11.6	22.3	a	N 1
11.9	22.8	a	N 1
11.7	23.3	a	N 1
11.3	23.6	a	N 2
11.7	23.8	a	N 1
12.2	6.2	a	N 2
12.2	6.6	a_2	K=H 2
12.7	7.5	g	K=H 2
12.5	8.4	a	N 3
13.0	9.5	a	N 4
12.8	9.6	a	N 1
12.3	10.2	a	N 1
12.5	10.2	a	N 1
12.8	10.8	a	N 1
12.9	11.2	a	N 1
13.0	11.8	a	N 1
12.3	12.7	f 2036	K=H 2
12.8	12.9	a	N 2
12.0	12.8	a	N 1
12.6	13.2	g-H	K=H 2
12.7	13.4	K	K=H 3
12.4	13.5	H	N 1
12.9	14.2	a	N 2
13.0	14.4	a	N 1
12.6	15.7	a	N 3
13.0	16.0	a	N 1
13.0	16.1	a	N 1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
9^h		59.1	−57.4					
10		0.4	−57.2					
10		2.4	−57.2					
10		4.2	−57.1					
10		4.7	−56.8					
10		6.0	−57.1		13870	10 6.0	−57 1	8.5
9		0.8	−57.5					
9		2.5	−57.5		12397	9 2.2	−57 27	6.9
9		5.5	−57.8		12469	9 5.4	−57 44	7.5
9		9.0	−57.6		12548	9 8.8	−57 33	7
9		12.6	−57.9		12638	9 12.6	−57 58	6.7
9		13.4	−57.9					
9		15.5	−57.7					
9		15.5	−57.8					
9		17.7	−57.9					
9		19.0	−58.0					
9		21.9	−58.1					
9		24.6	−57.7		12924	9 24.6	−57 39	7.2
9		25.6	−57.9					
9		29.9	−57.6		13080	9 30.3	−57 27	7.5
9		27.0	−57.9		12996	9 26.7	−57 51	7.5
9		27.7	−57.9		13013	9 27.4	−57 56	6.6
9		28.0	−57.8					
9		31.0	−58.1					
9		31.6	−58.1					
9		36.0	−57.9		13204	9 36.1	−57 50	7.8
9		37.4	−58.2					
9		37.5	−58.2					

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H & Cl	Remarks	Klinefelter
12.1 16.3 a		N 1
12.3 16.6 a		N 2
12.4 16.9 H		N 1
12.1 17.2 a		N 1
12.8 17.4 a		N 2
12.5 17.9 a		N 2
12.5 18.0 a		N 1
12.5 18.6 a		N 2
12.3 18.6 a		N 2
12.8 19.1 a		N 1
13.0 19.7 a		N 3
12.6 21.0 a		N 3
12.5 21.3 a		N 2
12.6 21.4 a		N 1
12.3 22.8 a		N 1
12.5 22.9 a		N 1
12.9 23.4 b?		K=H 2
12.1 23.5 a		N 1
12.6 23.6 a		N 2
13.0 24.1 a		N 1
13.4 5.5 a		N 1
13.9 7.4 a		N 2
13.4 7.4 a		N 1
13.2 7.7 H		N 1
13.2 8.3 a		N 2
13.1 8.4 a		N 1
13.8 8.6 a		K=H 1
14.0 8.6 a		N 2

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
9h 38.5m		−57.7°						
9 39.9		−57.8						
9 40.6		−57.8						
9 41.7		−57.7						
9 42.2		−58.0						
9 44.4		−57.8						
9 44.7		−57.8						
9 47.4		−57.9						
9 47.5		−57.7	13444	9	47.0	−57	35	8.2
9 48.5		−57.9						
9 50.5		−57.9						
9 56.0		−57.7	13651	9	55.9	−57	39	7.8
9 57.1		−57.6						
9 57.5		−57.8						
10 3.0		−57.5						
10 2.5		−57.5						
10 4.5		−57.7	13843	10	4.9	−57	42	7.2
10 5.0		−57.3						
10 5.5		−57.6	13863	10	5.7	−57	33	8
10 7.5		−57.8	13915	10	7.9	−57	33	8.2
8 57.0		−58.0						
9 4.2		−58.4						
9 4.6		−58.2	12453	9	4.8	−58	1	8
9 6.0		−58.1						
9 8.5		−58.1	12537	9	8.5	−57	55	9.2
9 9.0		−58.1						
9 9.0		−58.4						
9 9.1		−58.5						

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v H Cel. Rem. Kline Int.

13.9	9.8	a	N	2
13.8	10.1	F 2037	K=H	1
14.0	10.6	F 2038	K=H	2
14.0	14.8	H	K=H	2
14.0	11.0	H	N	1
13.4	11.3	a	N	1
13.6	11.4	a	N	2
13.3	11.5	a	N	2
13.5	12.0	a	N	3
13.6	12.6	H	N	1
13.9	12.7	a	N	2
13.1	12.8	a	N	2
13.2	13.1	a	N	1
13.8	13.3	a	N	1
13.3	14.5	a	N	1
14.0	16.2	F	K=H	2
13.6	17.4	F 2039	K=H	3
13.4	18.1	H	N	1
13.7	18.2	a	N	1
13.7	18.5	a	N	3
13.8	19.1	H	N	1
13.5	19.3	a	K=H	1
13.2	19.8	a	N	1
13.7	19.9	a	N	1
13.6	20.0	a	N	3
13.3	20.3	a	N	1
14.0	20.6	a	N	1
13.9	20.8	a	N	1

Where is the star?

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1900	No.	A. G. C.	1900 R. A.	1900 Dec.	Magn	No.	C. D. M.	R. A.	Dec.	Magn
9hr 13.4m		-58.5								
9 14.6		-58.4								
9 16.6		-58.5	12726	9 16.6	-58 30	7.5				
9 16.9		-58.6								
9 19.6		-58.3								
9 19.5		-58.5								
9 20.0		-58.3								
9 22.0		-58.3								
9 24.4		-58.4								
9 24.7		-58.6								
9 25.1		-58.2								
9 26.2		-58.2								
9 27.0		-58.6								
9 31.9		-58.3								
9 37.9		-58.6	13242	9 38.0	-58 35	7.8				
9 42.5		-58.4	13345	9 42.9	-58 20	6.9				
9 45.0		-58.3								
9 45.5		-58.4								
9 46.5		-58.4	13441	9 46.8	-58 21	8				
9 48.7		-58.4								
9 50.0		-58.3								
9 51.8		-58.1	13547	9 51.3	-57 57	6.8				
9 52.1		-58.4	13581	9 52.5	-58 38	7.8				
9 52.5		-58.3	13575	9 52.3	-58 16	8				
9 53.7		-58.1								
9 54.9		-58.5	13624	9 54.8	-58 23	8				
9 55.7		-58.4	13660	9 56.4	-58 15	7.8				

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			v H	Cl.	Remi. No. Kline Int.
	13.9	21.0	a	R	1
	13.8	21.2	H	R	1
	13.8	21.3	a	R	1
	14.0	21.8	a	R	1
	13.6	21.9	a	R	1
	13.3	23.2	a	K=H	1
	14.9	5.5	F, 2040	K=H	3
	15.0	6.7	a	R	1
	14.1	6.8	a	R	1
	14.4	7.0	a	R	1
Look up on plate	14.7	7.3	a	R	1
Look up on plate	14.9	7.3	a	R	3
	14.8	7.6	a	R	2
H = 7.7?	14.8	7.6	a	R	3
	14.9	8.1	a	K=H	3
	14.2	8.5	a	R	5
	15.0	9.0	G	K=H	3
	14.1	9.6	a	R	1
	14.7	9.9	a	R	1
	14.6	10.1	a	K=H	5
	14.8	10.3	a	R	1
	14.6	10.8	a	R	1
	14.5	12.1	a	R	1
	14.5	12.4	a	R	1
	14.2	12.6	a	R	1
	14.4	13.0	I	K=H	2
	15.0	15.0	a	R	1
Where is this star?	15.0	15.1	a	R	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
9h 56.9m – 58.4°	13680	9h 57.0m	–58° 31′	8				
9 57.6 – 58.4	13684	9 57.1	–58 18	8.8				
9 58.1 – 58.4								
9 59.5 – 58.5	13735	9 59.6	–58 21	9				
9 59.5 – 58.2	13738	9 59.7	–58 8	8.5				
10 4.0 – 57.9	13827	10 4.1	–57 58	8				
8 57.0 – 58.8	12286	8 56.9	–58 42	5.7				
9 1.5 – 58.9								
9 2.5 – 58.6								
9 2.9 – 58.7								
9 4.6 – 58.9	12454	9 4.8	–58 45	8				
9 5.0 – 58.9	12463	9 5.0	–58 47	7				
9 6.5 – 59.0	12500	9 6.6	–58 52	7.5				
9 8.5 – 58.6	12535	9 8.4	–58 33	3.8				
9 10.5 – 59.1	12590	9 10.4	–59 0	6.1				
9 13.0 – 58.6								
9 13.5 – 59.0								
9 14.5 – 58.9	12672	9 14.4	–58 51	2.5				
9 15.5 – 59.1	12705	9 15.7	–59 13	7.8				
9 17.5 – 59.0								
9 22.1 – 58.9								
9 23.5 – 58.9								
9 24.5 – 58.7								
9 25.9 – 58.8								
9 33.0 – 59.2	13140	9 32.9	–59 2	9.2				

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h m	Cl.	Rem.	Klein.	Int.
14.5	14.5	a	N	3
14.1	15.2	a	N	1
14.8	15.4	E	K=H	2
15.0	15.4	a	N	1
14.3	15.5	a	N	3
14.5	15.9	F 2041	K=H	2
14.4	17.0	a	N	1
15.0	17.2	G-H	K=H	1
15.0	17.4	a	N	1
14.1	17.5	J	K=H	2
14.7	17.6	a	N	3
15.0	18.5	H	N	1
14.8	18.7	J	K=H	3
14.7	18.9	a	N	1
14.0	19.7	a	N	1
14.3	19.9	a	N	3
14.1	20.2	a	N	1
14.5	20.5	a	N	1
14.8	20.9	a	N	1
14.3	21.2	F 2042	K=H	1
14.3	21.4	a	N	1
14.9	21.7	a	N	1
14.2	21.9	a	N	1
14.8	22.1	a	N	1
14.6	23.0	a	N	1
15.0	22.9	H	N	1
14.9	23.8	a	N	2
14.2	24.1	J	K=H	2

No red ink dot on plate.

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1900	No.	1900	1900		No.			
	A.G.C.	R.A.	Dec.	Magn.	C.D.M.	R.A.	Dec.	Magn.
h m °		h m ° ′						
9 31.6 −58.8	13112	9 31.5	−58 47	4.9				
9 34.1 −58.7								
9 34.9 −59.0								
9 35.0 −59.1								
9 35.4 −58.8	13192	9 35.5	−58 44	8.8				
9 37.0 −58.8	13225	9 36.9	−58 50	8				
9 41.4 −58.8								
9 41.9 −59.1								
9 42.5 −59.1	13326	9 42.2	−59 1	7.8				
9 42.7 −58.6	13345	9 42.9	−58 20	6.9	?			
9 43.0 −58.9	13364	9 43.4	−58 54	7.5				
9 47.2 −59.0	13449	9 47.2	−59 0	8.2				
9 48.1 −58.9	13462	9 48.1	−58 57	6.6				
9 49.0 −58.9								
9 51.7 −58.7	13555	9 51.7	−58 35	8.5				
9 52.7 −58.6	13581	9 52.5	−58 38	7.8				
9 53.5 −58.5								
9 54.9 −58.7	13624	9 54.8	−58 23	8	?			
9 56.7 −58.8								
9 57.2 −58.6	13680	9 57.0	−58 31	8				
9 58.1 −58.6								
9 59.9 −58.9								
9 57.9 −58.5	13735	9 59.6	−58 21	9				
10 1.0 −58.9								
10 4.5 −58.7								
10 3.6 −58.9								
10 7.4 −58.8	13913	10 7.8	−58 40	8.5				

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			Rem	Klinc Int.
14.9	24.1	a	N	2
15.8	5.6	a	N	1
15.6	7.2	a	N	2
15.6	7.3	H	N	1
15.6	8.1	F	2043 K=H	1
16.0	8.6	a	N	2
15.9	9.6	a	N	1
15.5	10.5	a	N	2
15.2	11.6	a	N	2
15.9	12.3	a	N	1
15.5	12.4	Y	K=H	2
15.2	12.6	a	N	3
16.0	13.1	a	N	2
16.0	15.0	a	N	1
15.7	15.3	a	K=0.5H	3
15.2	16.5	a	N	1
16.0	16.7	a	N	2
15.7	16.9	a	N	2
16.0	17.1	a	N	1
15.9	17.6	a	N	1
15.7	18.7	a	N	1
16.0	18.9	F	2044 K=H	1
16.0	20.2	a	N	1
15.6	20.3	a	N	1
15.7	20.7	H	N	1
15.7	20.8	a	N	1
15.6	21.0	a	N	1
15.5	21.1	a	N	2

no red ink dot on plate must have been accidentally erased?

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Mag.
10^h $8^m.3$	$-58°.8$	13928	10^h $8^m.5$	$-58°$ 39′	8			
8 56.6	−59.3	12260	8 56.2	−59 21	8.2			
9 3.0	−59.3							
9 3.5	−59.3							
9 6.1	−59.3							
9 8.4	−59.6							
9 12.4	−59.5							
9 16.0	−59.4	12705	9 15.7	−59 13	7.8			
9 20.4	−59.2							
9 23.2	−59.6							
9 23.5	−59.4	12894	9 23.3	−59 18	8.5			
9 24.0	−59.2	12914	9 24.0	−59 8	7.2			
9 26.0	−59.7							
9 33.5	−59.7							
9 34.5	−59.5	13172	9 34.6	−59 27	7.5			
9 39.1	−59.3							
9 40.4	−59.7	13281	9 40.1	−59 41	9			
9 40.9	−59.5							
9 41.5	−59.7							
9 43.5	−59.6							
9 48.1	−59.4							
9 49.2	−59.6							
9 54.0	−59.5							
9 54.5	−59.3							
9 56.0	−59.3							
9 56.5	−59.3							
9 57.4	−59.3							
9 57.6	−59.2							

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	α	δ	H & Cl	Nr.	Class	Int.
	15.8	21.2	a		Nr	2
	15.6	21.3	a		Nr	1
looks up on plate	16.0	21.6	a		Nr	2
" " " "	16.0	21.7	a		Nr	2
	15.4	21.9	a		Nr	2
	15.2	22.0	a		Nr	1
	17.0	7.7	a		Nr	2
	16.9	9.0	a		Nr	2
	16.6	9.3	H		Nr	1
	16.2	9.5	a		Nr	2
	16.1	10.2	C		K=H	1
where is this star?	16.9	11.8	H		Nr	1
	16.6	11.8	K		K=H	3
	16.5	12.8	a		Nr	1
	16.9	13.2	H		Nr	1
	16.9	13.7	K		K=H	2
	16.4	13.8	H		Nr	1
where is this star?	17.0	14.9	Ch	2045	K=H	2
	16.8	15.3	a		Nr	1
	16.7	16.4	a		Nr	1
	16.2	16.5	a		Nr	1
	16.6	16.6	a		Nr	1
	16.9	16.8	a		Nr	1
	16.4	18.0	Ch	2046	K=H	1
	16.3	18.0	C		K=H	1
	16.5	18.1	a		Nr	1
	16.5	18.3	a		Nr	2
	17.0	18.5	a		Nr	3

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1900	No.	G.C.	1900 R.A.	1900 Dec.	Magn.	No.	C.D.M.	R.A.	Dec.	Magn.
h m °										
9 58.0	-59.3									
9 58.1	-59.3									
10 0.0	-59.1									
10 0.6	-59.1									
9 4.2	-59.9	12447	9 4.4	-59	51	7.8				
9 9.5	-59.9									
9 10.7	-59.9									
9 12.0	-59.7									
9 14.5	-59.7									
9 20.9	-59.9	12832	9 20.8	-59	52	6.9				
9 24.6	-59.9									
9 26.2	-60.1									
9 28.5	-60.1									
9 29.0	-59.9									
9 35.1	-60.1									
9 39.0	-60.0									
9 39.5	-59.8	13281	9 40.1	-59	41	9				
9 39.6	-60.0									
9 40.5	-60.1									
9 45.0	-59.7									
9 45.0	-59.7									
9 45.7	-59.8	13414	9 45.8	-59	40	8				
9 46.4	-59.8	13439	9 46.7	-59	48	8				
9 47.5	-60.2	13456	9 47.7	-60	4	7.2				

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Plate 5869
D H Cl. Rem. Nov. Kline Ast.

16.7	18.7	K=H 1
17.0	18.8	K=H 1
16.3	20.5	N 2
16.5	20.6	N 1
16.6	20.8	N 1
16.3	21.0	N 1
16.2	21.1	N 2
16.2	21.2	N 1
16.9	21.1	N 1
16.9	21.1	N 2
17.0	21.2	N 1
17.0	21.3	N 1
16.5	21.3	N 2
16.2	21.4	N 2
16.3	21.4	N 2
17.0	21.3	K=H 4
16.3	21.5	N 2
16.1	21.6	N 1
16.6	21.6	N 3
16.8	21.7	N 1
16.7	21.7	N 1
16.3	22.3	N 1
17.7	7.1	H N 1
17.9	8.1	N 2
17.4	8.5	H N 1
17.7	8.6	H N 1
17.7	9.2	H N 1
18.0	9.3	N 3

the stars in this region are so confused, that I cannot tell which ones are measured N.S.

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. B.D.M.	R.A.	Dec.	Magn
h	m s		°						
9	48.1		−59.9						
9	48.5		−60.2	13476	9	48.7	−60	7	8
9	55.0		−59.6						
9	55.4		−59.7						
9	56.5		−59.8	13665	9	56.7	−59	44	7.8
9	56.9		−59.6						
9	57.0		−59.6						
9	57.5		−59.5	13696	9	57.7	−59	44	7.8
9	57.5		−59.8	13699	9	57.9	−59	49	7.8
9	57.6		−59.9	13700	9	57.9	−59	50	8
9	58.4		−59.9	13712	9	58.5	−59	38	8.2 ?
9	58.9		−59.9	13720	9	58.8	−59	56	6.4
10	0.5		−59.8	13741	9	59.8	−59	41	6.8
10	0.6		−59.8	13753	10	0.4	−59	43	8
10	2.5		−59.6	13803	10	2.5	−59	38	7.5
9	1.7	12394	−60.2	~~13866~~	9	~~59.7~~ 1.9	−60	~~42~~ 10	8.5
9	5.5		−60.5	12478	9	5.7	−60	21	9
9	7.5		−60.2	12517	9	7.3	−60	6	8
9	7.9		−60.4						
9	10.9		−60.3						
9	10.5		−60.5	12595	9	10.4	−60	30	6.9

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h	m		Cl.	Rem.	Klim.	Int.
17	9.6	a			Nr	2
17	19.7	a			Nr	1
18.0	9.6	H			Nr	1
17.1	11.1	G	2048	K=H		1
17.2	11.3	a			Nr	2
17.7	11.4	a			Nr	3
18.0	11.5	a			Nr	1
17.1	11.5	H			Nr	1
17.1	12.8	a		K=H		1
17.2	14.4	I		K=H		2
17.5	14.7	a			Nr	2
17.2	16.4	a			Nr	1
18.0	17.8	a			Nr	2
17.0	17.9	a			Nr	1
17.3	18.4	a			Nr	2
18.0	18.4	a			Nr	1
17.2	18.7	G-H		K=H		2
18.0	18.9	a			Nr	1
17.4	19.5	H		K=H		1
17.7	20.3	H-G		K=H		1
17.2	20.8	G	2049	K=H		2
17.8	21.5	a			Nr	1
17.4	23.1	a		K=H		1
17.0	23.3	a			Nr	1
17.2	24.2	a			Nr	2
18.5	6.4	I		K=H		2
18.4	6.5	a			Nr	1
18.6	7.2	a			Nr	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
9h 11.8m −60.2°	12626	9h 11.6m	−60° 7′	7.8				
9 12.4 −60.1								
9 12.0 −60.5	12627	9 11.6	−60 30	8.8				
9 17.6 −60.1								
9 19.0 −60.2	12789	9 18.9	−60 24	7.8				
9 19.5 −60.5								
9 19.9 −60.6								
9 20.0 −60.1	12832	9 20.8	−59 52	6.9	?			
9 25.1 −60.2								
9 31.2 −60.3	13094	9 31.0	−60 11	7.5				
9 32.6 −60.4	13129	9 32.5	−60 19	8.2				
9 39.7 −60.2								
9 45.2 −60.6								
9 45.0 −60.3								
9 46.8 −60.3								
9 47.1 −60.7								
9 48.5 −60.3	13476	9 48.7	−60 7	8				
9 49.1 −60.6								
9 51.5 −60.3								
9 54.5 −60.3								
9 56.8 −60.2	13670	9 56.9	−60 1	7.8				
10 0.2 −60.4								
10 6.1 −60.1								
10 7.0 −59.9								
10 10.8 −59.9								
8 58.5 −60.6	12331	8 58.5	−60 34	6.5				
8 59.0 −60.6								
9 2.0 −60.7	12388	9 1.6	−60 52	9.5	?			

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v	H	Col.	Rem.	Rem.	Rem.
18.2	8.9	a	Nr 2		
18.5	9.4	a	Nr 1		
18.7	9.6	a	Nr 1		
18.8	9.7	a	Nr 2		
18.2	10.7	a	Nr 1		
18.4	11.3	a	Nr 1		
18.4	12.1	a	Nr 1		
18.7	12.3	a	Nr 1		
18.4	14.0	a	Nr 3		
18.3	15.0	a	Nr 2		
18.8	15.2	a	Nr 1		
18.5	15.7	a	Nr 5		
18.5	16.1	a	Nr 1		
18.1	16.4	a	Nr 1		
18.3	16.5	H	Nr 1		
18.1	17.2	H	Nr 1		
18.3	17.7	H	Nr 1		
18.1	17.7	a	Nr 1		
18.9	20.0	a	Nr 1		
18.9	21.3	a	Nr 2		
18.2	21.0	H	Nr 1		
18.7	22.1	H	Nr 2		
18.8	22.4	a	Nr 3		
18.4	22.9	a	Nr 1		
19.9	5.7	a	Nr 2		
20.0	7.7	S	Nr 1		
19.3	9.8	a	Nr 1		
20.0	11.3	a	Nr 3		

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
9h 9.0m -60.6	12546	9h 8.6m	-60° 32'	8				
9 10.5 -60.8	12595	9 10.4	-60 30	6.9	?			
9 11.5 -60.9	12621	9 11.4	-60 52	7.8				
9 11.7 -60.9								
9 16.5 -60.6								
9 18.7 -60.7	12789	9 18.9	-60 24	7.8	?			
9 22.0 -60.8								
9 22.5 -60.9								
9 29.4 -60.8	13061	9 29.4	-60 48	7.8				
9 33.4 -60.7	13153	9 33.6	-60 41	8.2				
9 33.9 -61.0								
9 36.4 -60.9	13217	9 36.6	-60 53	5.1				
9 37.6 -60.9								
9 39.0 -60.7								
9 39.5 -60.8								
9 42.5 -60.7								
9 44.4 -60.8								
9 44.7 -60.7								
9 54.0 -60.9								
9 59.5 -60.9								
9 57.9 -60.5								
10 2.4 -60.7	13804	10 2.6	-60 41	7.5				
10 3.6 -60.8	13823	10 3.9	-60 43	7.5				
10 5.1 -60.5	13866	10 5.7	-60 42	7.8				
8 55.0 -61.3								
9 2.9 -61.5	12414	9 3.1	-61 26	8.5				
9 12.1 -61.2								
9 18.0 -61.5	12759	9 18.1	-61 34	7.2				

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V H 6l. Rem. Nr. Kline Int.

19.3	12.1	J K=H 3
19.9	12.5	a K=0.5H 4
19.1	12.5	a Nr 1
19.6	13.6	H Nr 1
19.9	13.8	H Nr 1
19.3	15.2	a Nr 1
20.0	17.4	H Nr 1
20.0	20.1	a Nr 3
19.8	20.8	H Nr 1
20.0	21.4	a Nr 3
20.0	22.6	H Nr 1
19.5	22.9	Ma Nr 2
20.0	23.3	H Nr 1
19.6	23.5	a Nr 2
19.8	23.8	a Nr 3
20.7	4.9	a Nr 2
20.2	8.6	a Nr 1
20.8	9.2	a Nr 5
20.9	10.6	a Nr 1
20.8	11.5	J K=1.2H4
20.5	13.3	J K=H 2
20.7	13.5	a K=0.2H2
20.9	14.5	H Nr 1
20.9	14.9	H Nr 1
21.0	15.5	a Nr 2
21.0	15.7	a Nr 2
20.8	17.1	J K=H 4
30.6	18.1	a Nr 1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn
9h 21.9m −61.2°	12847	9h 21.5m	−61° 13′	6.4				
9 23.0 −61.5	12889	9 22.9	−61 31	6.2				
9 23.5 −61.2								
9 28.1 −61.4	13023	9 27.8	−61 22	8				
9 28.5 −61.6								
9 34.5 −61.3								
9 43.5 −61.6								
9 55.0 −61.5	13126	9 54.8	−61 27	7.5				
9 57.5 −61.3	13693	9 57.6	−61 17	8				
10 0.5 −61.4	13756	10 0.5	−61 24	6.7				
10 5.1 −61.3	13852	10 5.1	−61 16	8.2				
10 6.5 −61.1	13882	10 6.2	−61 3	var.				
10 8.1 −61.3	13919	10 8.0	−61 16	8				
10 8.5 −61.1	13932	10 8.6	−61 2	7.8				
10 9.1 −61.2								
10 3.5 −61.8								
9 7.0 −61.5	12507	9 6.9	−61 32	9.2				
9 9.5 −61.9	12557	9 9.0	−61 54	4.3				
9 15.0 −62.1								
9 19.0 −61.9	12782	9 18.5	−61 58	5.5				
9 26.9 −61.8	13006	9 27.0	−61 55	7				
9 27.5 −61.9								
9 31.6 −62.1	13115	9 31.5	−62 1	8.8				
9 33.0 −62.1								
9 36.0 −62.2	13199	9 35.9	−62 6	8.2				
9 36.9 −62.2	13216	9 36.6	−62 6	7.5				
9 42.5 −62.1	13336	9 42.5	−62 3	var.				
9 47.1 −61.8								

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O H Cl. Rem. Klinc Ast.

	20.2 18.6 a	N 1
	20.9 18.7 a	N 1
	20.8 18.9 a	N 2
	20.3 19.2 a	N 2
	20.8 20.3 a	K=H 2
	21.0 20.4 a	N 1
	20.5 21.2 f	K=H 2
H = 22.3 ?	20.5 12.3 a	N 1
H = 22.3 ?	20.9 12.3 a	N 1
H = 22.4 ?	20.8 12.4 a	N 3
H = 22.7 ?	20.2 12.7 a	N 1
	21.2 7.4 a	N 2
	21.8 10.0 a	N 1
	22.0 10.7 a	N 1
	21.6 11.2 a	N 2
	21.5 14.1 bd	N 3
	21.8 15.8 a	N 3
	22.0 15.9 a	N 1
	21.4 16.3 a	N 1
	21.5 16.4 a	N 1
	21.4 17.4 a	N 1
where is this star?	20.0 17.9 a	N 2
	21.5 18.4 f	K=H 3
	21.3 20.0 G-H	K=H 2
	22.0 20.8 a	N 1
	22.0 20.7 H	N 1
	21.1 21.1 a	N 1
	21.7 22.2 a	N 1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.	R.A	Dec.	Magn.
$9^h\ 49.1^m$		-61.6°						
9 49.7		−62.0	13504	9 49.6		−62	18	9.2 ?
9 50.6		−61.9	13519	9 50.2		−61	52	8
9 51.5		−61.7	13540	9 51.0		−61	39	8
9 55.9		−61.9	13655	9 55.9		−61	50	7.8
9 56.6		−62.0						
9 59.5		−61.6	13742	9 59.8		−61	40	6.9
10 3.9		−61.6	13832	10 4.3		−61	35	8.8
10 3.9		−61.9	13834	10 4.4		−61	45	7.8
10 4.5		−61.7	13845	10 4.8		−61	44	6.9
10 5.5		−61.4	13852	10 5.1		−61	16	8.2
9 1.0		−62.0	12380	9 1.0		−61	57	8
9 12.1		−62.4						
9 15.0		−62.6						
9 17.4		−62.4						
9 29.5		−62.4	13073	9 29.7		−62	21	var.
9 37.1		−62.5	13229	9 37.2		−62	30	6.9
9 37.9		−62.6	13239	9 37.8		−62	33	8.8
9 39.1		−62.3	13271	9 39.5		−62	28	9.2
9 39.9		−62.4	13280	9 39.9		−62	18	8.5
9 44.0		−62.3	13376	9 44.0		−62	15	8.2
9 48.5		−62.3	13466	9 48.1		−62	17	6.3
9 55.0		−62.2	13640	9 55.2		−62	6	7.5
9 58.9		−62.5						
9 58.9		−62.5						
9 59.5		−61.9	13742	9 59.8		−61	40	6.9
10 4.1		−62.2						

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6" H Cl. Rem. Klinc Int.

21.6	23.6	a	N 1
21.7	24.1	a	N 2
22.9	6.1	a	N 2
22.7	6.8	a	N 1
22.1	8.3	a	N 2
22.2	9.6	a	N 1
where is this star? 22.1	7.1	a	N 1
23.0	10.9	a	N 1
22.9	13.4	a	N 1
22.5	13.4	a	N 1
23.0	14.5	a	N 1
22.5	15.7	a	N 2
22.4	18.0	a	N 1
22.7	18.0	a	N 1
22.5	18.4	a	N 1
22.7	19.2	a	N 1
22.9	19.7	a	N 2
22.8	20.2	g	K=H-2
23 9	6.2	T 2050	K=H 2
23.6	6.8	a	N 2
24.0	7.6	a	N 1
23.6	10.8	a	N 2
24.6	10.3	a	N 1
23.5	12.8	a	N 1
23.3	13 0	H	K=H 1
24.5	14.1	a	N 2
23.0	14.7	a	N 2
23.6	15.5	a	N 1

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec	Magn.
10h	10m.0			−62.1					
10	12.5	−62.1	14033	10	12.3	−62 2	7.5		
8	54.0	−62.7	12226	8	54.7	−62 40	7.8		
8	58.0	−62.6							
9	4.9	−62.5	12452	9	4.6	−62 27	7		
9	10.0	−62.6							
9	15.1	−62.9							
9	26.5	−62.8							
9	26.4	−62.9							
9	31.0	−63.1	13104	9	31.2	−63 2	8.5		
9	37.0	−63.0							
9	46.5	−62.7	13432	9	46.3	−62 33	8.8		
9	46.7	−62.8	13437	9	46.5	−62 41	8.5		
9	48.6	−62.8							
9	52.4	−62.9	13570	9	52.1	−62 47	9.5		
9	54.1	−63.0	13615	9	54.1	−62 54	8		
9	56.2	−62.9	13659	9	56.2	−62 52	7.2		
9	54.5	−63.2							
9	57.0	−63.1							
10	0.5	−63.4							
9	14.7	−63.5	12681	9	14.7	−63 21	7.8		
9	12.4	−63.8							
9	23.6	−63.4							
9	24.6	−63.3							
9	29.4	−64.0							
9	31.0	−63.2							
9	35.7	−63.5	13198	9	35.7	−63 20	8.5		

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V H Cl. Rem. No. Kline Lt.

	24.0	21.5 H?	K=H	1
	24.3	22.9 a	N	1
0 10	24.3	23.8 a	N	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
10h 2.9m	-63.4°	13807	10h 2.9m	-63° 21′	7.8			
10 9.0	-63.5							
10 13.0	-63.4							

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h m
23 48

D H	Cl.	Rem.	Kline Int
5.0	11.5	a	N 3
3.8	13.7	Ina	K=1 H 4
4.3	17.2	a	N 2
6.0	14.3	a	N 1
4.0	19.9	a	N 4
5.5	5.7	a	N 2
5.2	6.4	a	K=H 1
6.0	9.2	a	N 1
5.6	10.2	H	N 1
6.0	12.1	of 2051	K=H 1
5.7	14.5	a	N 1
5.8	15.3	a	N 1
5.4	15.4	a	N 1
5.2	16 5	H	N 1
6.9	X8.1	a	K=H 1
6.3	12.8	H	N 1
6.3	14.0	of 2052	K=H 2
6.6	16.7	a	N 1
6.5	17.5	H	N 1
6.2	18.0	a	K=H 2
6.5	19.7	of 2053	K=H 2
7.8	8.9	a	N 1
7.7	9.4	a	K=H 1
7.3	9.7	B? 2054	N 5
7.6	12.9	Inb.	N 2
7 2,7	10.5	a	K=0.5 H 2
7.3	16.9	I	K=H 2
7.8	18.9	of 2055	K=H 1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Mag.	No. C.D.M.	R.A.	Dec.	Mag.
12h 17.5m – 57.2°	16867	12h 17.4m	–57° 7′	6.3				
12 25.5 – 56.5	17048	12 25.6	–56 33	2.0				
12 38.6 – 56.8	17346	12 38.8	–56 44	7.1				
12 27.9 – 57.3	17103	12 27.8	–57 10	8				
12 48.6 – 56.7	17541	12 48.8	–56 38	4.4				
	17542		37	5.5				
11 56.4 – 56.9	16417	11 56.4	–56 56	6.7				
11 59.0 – 56.8	16474	11 59.1	–56 48	7.8				
12 8.6 – 57.6	16695	12 8.7	–57 23	8.2				
12 12.6 – 57.4	16769	12 12.5	–57 17	7				
12 19.2 – 57.6					16910 or 11?			
12 28.9 – 57.6	17124	12 28.9	–57 46	8				
12 32.5 – 57.2	17169	12 31.9	–57 32	8.5				
12 32.5 – 57.4	17192	12 32.7	–57 26	7.5				
12 36.9 – 57.3	17275	12 36.3	–57 13	8				
12 4.5 – 57.8	16603	12 4.4	–57 47	8				
12 22.0 – 57.8	16963	12 22.0	–57 45	7.2				
12 26.5 – 57.8	17069	12 26.4	–57 44	8				
12 37.0 – 58.0	17298	12 37.0	–57 56	8.2				
12 40.0 – 58.0	17375	12 40.1	–57 57	8.2				
12 42.0 – 57.8	17410	12 41.8	–57 45	7.5				
12 48.5 – 58.0	17531	12 48.5	–57 53	7.5				
12 6.7 – 58.4								
12 9.0 – 58.4	16706	12 8.9	–58 19	7.8				
12 16.0 – 58.2	16726	12 9.8	–58 11	3.4				
12 21.9 – 58.5	16962	12 22.0	–58 26	6.4				
12 24.1 – 58.6	17004	12 24.0	–58 32	8.2				
12 37.9 – 58.4	17312	12 37.7	–58 21	7				
12 45.5 – 58.7	17477	12 45.7	–58 44	8.2				

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V H Cl. Rem. Nr. Kline Inst.

	7.8	19.7	a	N 4
moved into dist on plate	8.7	7.9	a	N 2
	8.5	7.5	a	N 1
	8.8	9.5	b	K=H 1
	8.5	10.8	a	N 1
	8.4	14.0	F-G 2056	K=1.2H 3
	8.8	16.5	a	N 3
	8.7	17.9	a	N 5
	8.7	18.1	a	N 1
	9.7	5.5	a	N 1
	10.0	5.7	a	N 1
	9.6	8.4	a	N 2
	9.3	9.3	H	N 1
	10.0	9.2	a	K=H 2
	10.0	9.0	a	N 1
	9.7	10.1	a	N 1
	9.4	14.2	a	N 1
	9.6	17.3	H	N 1
	9.6	19.9	a	K=H 2
	10.0	18.0	F 2057	K=H 1
	10.0	18.8	a 2058	N 3
	10.0	19.3	a 2059	N 3
	9.1	20.3	a 2060	N 1
	9.5	24.9	a	N 2
	9.7	24.1	a	N 4
	9.6	24.3	F 2061	K=H 2
	10.2	11.4	K	K=1.2H 4
	11.0	12.9	a	K=H 1

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1993phae.proj..880F

No.	1900	1900		No.			
H.G.C.	R.A.	Dec.	Magn.	C.D.M.	R.A.	Dec.	Magn.
	1900						
12	h m 48.5	° −58.7	17540	12	48.7	−58 36	5.6
12	1.0	−58.6	16531	12	1.2	−58 35	9
12	8.6	−58.9	16697	12	8.7	−58 50	7
12	14.0	−58.9					
12	26.0	−58.9	17062	12	26.1	−58 52	6.4
12	36.4	−59.2	17270	12	36.2	−59 8	6.0
12	41.7	−59.2	17411	12	41.8	−59 8	1.7
12	42.3	−59.2	17419	12	42.1	−59 3	7.5
11	52.6	−59.1					
11	53.0	−59.3	16346	11	53.3	−59 12	7.4
12	4.2	−59.3	16593	12	4.2	−59 12	7.3
12	7.9	−59.1	16675	12	7.6	−59 6	7.2
12	6.7	−59.5					
12	7.4	−59.5	16667	12	7.2	−59 30	7.0
12	22.5	−59.6					
12	27.0	−59.4	17088	12	26.9	−59 20	8
12	39.4	−59.6	17357	12	39.3	−59 31	7.2
12	41.6	−59.7	17407	12	41.7	−59 32	7.2
12	42.2	−59.8	17421	12	42.2	−59 40	8
12	45.5	−59.8	17472	12	45.4	−59 47	6.6
12	47.0	−59.8	17504	12	47.4	−59 47	6.3
12	51.0	−59.3	17591	12	51.0	−59 12	7.8
13	1.0	−59.4	17828	13	1.2	−59 19	6.7
13	6.0	−59.5	17936	13	6.0	−59 23	5.4
13	6.5	−59.4	17950	13	6.6	−59 17	7.0
12	15.6	−59.9	16835	12	15.9	−59 51	4.0
12	21.5	−60.5					

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Q H bl. Rem. Klinefelter

10.2 13.2 a K=0.5H 2
11.0 13.4 F 2062 K=H 1
10.4 17.1 a K=H 1
10.2 18.5 a K=0.3H 3
10.1 19.3 a 2063 N 3
10.1 19.4 a N 2
10.8 20.9 a K=H 1
10.3 21.0 a N 2
10.9 21.3 a K=H 2
10.6 22.2 a N 1
11.1 6.6 H K=H 1
11.7 6.2 a K=H 1
12.0 7.4 a N 1
11.8 7.5 H K=H 2
11.4 8.2 a N 1
11.5 8.3 H N 1
11.9 10.2 E K=H 1
11.8 11.0 a N 2
11.2 12.3 H K=H 1
11.2 13.2 H N 1
11.3 13.7 a K=H 3
11.2 14.0 a N 2
11.3 14.4 a K=H 1
11.3 16.1 a N 1
11 H 16.5 a K=0.2H 3
11.7 16.7 F 2064 K=H 1
11.2 17.3 G-H K=1.2H 3
11.3 19.8 a K=H 1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn
h m °								
12 23.0 −60.0								
12 23.5 −60.4	16995	12	23.6	−60	15			8.2
12 39.0 −60.0	17347	12	38.8	−59	55			8
12 44.4 −59.9	17453	12	44.3	−59	51			7.5
12 47.5 −59.9	17507	12	47.7	−59	49			6.7
12 47.9 −59.9	17518	12	47.9	−59	50			6.7
12 54.0 −60.2	17668	12	54.0	−60	3			8.5
12 54.4 −59.9	17674	12	54.4	−59	50			7.2
12 55.5 −60.3	17702	12	55.5	−60	8			7
12 59.0 −60.0	17774	12	59.0	−59	54			8
11 52.0 −59.9	16331	11	52.7	−59	53			7.3
11 54.0 −60.5	16368	11	54.2	−60	41			8.5
11 59.0 −60.6								
11 59.5 −60.4	16488	11	59.8	−60	24			6.6
12 2.4 −60.4	16563	12	2.9	−60	36			9.8
12 3.1 −60.3	16574	12	3.2	−60	17			6.8
~~12 3.1 −60.3~~	~~16567~~	~~12~~	~~3.0~~	~~−60~~	~~13~~			~~7.5~~
12 10.4 −60.7	16737	12	10.4	−60	34			8
12 13.6 −60.7								
12 19.1 −60.6	16905	12	19.3	−60	21			7.8
12 23.0 −60.6	16983	12	22.8	−60	20			9.2 ?
12 24.9 −60.6	17026	12	24.7	−60	26			7
12 26.0 −60.5	17057	12	25.9	−60	20			8.5
12 27.9 −60.6	17099	12	27.5	−60	23			8
12 35.4 −60.5								
12 36.5 −60.6	17287	12	36.6	−60	28			7.2
12 37.0 −60.7	17303	12	37.3	−60	26			8.2 ?
12 39.5 −60.5	17366	12	39.7	−60	26			5.7
12 50.0 −60.5	17569	12	49.9	−60	22			9

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h	m			Nr.	Rem.	Kline Int.
12	0	23.8	a		Nr	2
12	9	6.5	a		K=H	1
12	27	2	a		Nr	2
12	27	6	E		K=H	2
12	29	1	F	2065	K=H	3
12	4	10.8	a		Nr	2
12	6	11.7	a		Nr	1
12	6	12.1	E		K=H	1
12	2	12.9	H		K=H	1
12	9	13.2	E		K=H	2
12	9	13.3	H		K=H	2
13	0	13.4	a		Nr	2
13	0	13.8	F	2068	K=H	1
12	8	14.2	a		Nr	1
12	8	14.9	a		Nr	2
13	0	15.0	G?		K=H	2
12	5	15.5	a		Nr	1
12	5	15.0	a		Nr	1
12	3	21.4	E		K=H	1
12	9	23.8	F	2067	K=H	2
13	9	7.8	a		Nr	2
13	6	9.2	a		Nr	1
13	9	9.4	a		Nr	1
14	0	10.7	G		K=H	2
13	6	11.6	a		Nr	1
13	9	12.0	a		K=H	1
13	4	13.3	a		Nr	2
13	2	14.0	E		K=H	2

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m °		h m ° ′						
13 5.5 −60.7	17927	13 5.7	−60 35	7.3				
11 55.0 −60.9								
11 58.4 −60.6								
11 59.9 −60.7	16494	12 0.0	−60 37	7.3				
12 5.9 −60.7	16631	12 5.8	−60 43	6.7				
12 12.9 −61.0	16774	12 12.7	−60 54	8				
12 16.0 −61.0								
12 18.0 −61.1	16882	12 18.2	−61 4	7.5				
12 21.5 −60.9								
12 22.1 −61.3	16977	12 22.7	−61 12	7.5				
12 23.0 −61.3	16987	12 22.9	−61 14	7.8				
12 23.0 −61.4	16993	12 23.4	−61 19	7.8				
12 24.9 −61.4	17047	12 25.6	−61 21	8.5				
12 26.4 −61.3								
12 29.4 −61.2	17134	12 29.8	−61 11	7.2				
12 29.5 −61.4	17137	12 29.9	−61 17	6.7				
12 32.1 −61.2	17186	12 32.5	−61 3	8				
12 30.0 −61.1	17138	12 30.1	−61 1	8.2				
12 56.5 −60.9	17727	12 56.5	−60 47	8.5				
13 6.6 −61.2	17946	13 6.5	−61 1	7.5				
12 0.1 −61.5								
12 6.0 −61.5								
12 7.0 −61.6	16660	12 6.8	−61 34	8.2				
12 15.1 −61.7	16832	12 15.8	−61 43	7.0				
12 15.0 −61.5	~~16857~~	~~12~~						
12 17.0 −61.7	16857	12 17.2	−61 39	8.5				
12 22.5 −61.6	16986	12 22.9	−61 31	8.2				
12 25.5 −61.4	17047	12 25.6	−61 21	8.5				

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13.4	15.7	H		N 1
14.6	5.7	F	2068	K=H 2
14.9	6.3	a		N 3
14.7	7.3	a		N 2
14.2	7.4	a		N 3
14.3	9.8	F	2069	K=H 1
14.4	15.7	a		N 1
14.5	18.2	H		N 2
14.5	19.4	a		N 2
14.0	23.2	H		N 1
15.6	6.8	a		K=H 2
15.3	7.2	a		N 1
15.3	7.6	E		K=H 1
16.0	8.0	a		N 4
15.7	8.2	a		N 2
15.5	9.7	a	2070	N 3
15.5	10.0	E	2071	K=H 2
15.1	11.4	a		N 3
15.3	15.0	a		N 5
15.4	16.6	B	2071	N 3
15.4	17.8	a		N 1
15.4	23.7	H		N 1
15.2	23.8	E		K=H 1
16.7	6.9	a		N 3
16.6	6.3	a		N 2
16.4	7.8	a		N 4
16.4	9.8	a		N 1
16.5	9.9	a		N 2

where is this star?

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Mag.	No. C.D.W.	R.A.	Dec.	Mag.
h m °		h m ° ′						
12 33.0 −61.5	17196	12 33.0	−61 29	8				
11 50.5 −61.8	16276	11 50.5	−61 38	8				
11 52.5 −61.9	16329	11 52.6	−61 53	6.3				
11 57.4 − 61.9	16433	11 57.3	−61 51	7.8				
11 57.9 − 61.7	16443	11 57.8	−61 37	7.2				
12 7.9 − 61.8	16677	12 7.7	−61 45	8.5				
12 32.7 − 62.0								
12 44.5 −62.1	17450	12 44.3	−62 6	7.2				
12 49.4 −62.1	17547	12 49.0	−62 1	8.2				
13 4.5 −61.6								
11 54.1 −62.3	16372	11 54.3	−62 16	7.0				
11 56.5 −62.2	16415	11 56.3	−62 3	8.5				
11 58.5 −62.2	16457	11 58.3	−62 8	8.2				
11 59.5 −62.6	16479	11 59.2	−62 36	5.3				
12 0.5 −62.4	16499	12 0.3	−62 25	7.7				
12 7.5 −62.4	16663	12 7.1	−62 23	6.7				
12 9.0 − 62.4								
12 14.5 −62.3	16804	12 14.4	−62 18	7.0				
12 37.0 −62.5	17296 ✓	12 ✓ 36.9	− 62 ✓ 30	✓ 6.1	✓			
12 42.5 −62.5	17418	12 42.2	−62 29	8.8				
13 7.6 −62.3	17961	13 7.4	−62 17	7.8				
13 8.0 − 62.2	17965	13 7.6	−62 7	7.5				
11 50.0 −62.7	16263	11 50.0	−62 43	6.9				
11 52.0 −62.7	16308	11 51.9	−62 41	7				
11 58.1 −62.7	16451	11 58.0	−62 45	4.7				
12 7.0 − 62.9	16659	12 6.7	−62 49	7.5.				
12 7.2 − 62.9	16662	12 6.9	−62 53	7.3				

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δ H Cl. Rem. Kline Int.

	16.2	11.9	a		K=H	1
where is this star?	16.3	10.3	a		N	3
	16.3	14.3	a		K=0.5H	3
	16.7	19.3	a		K=H	1
	16.4	19.8	H		N	1
	16.8	20.2	B	2072	K=H	1
	16.4	23.1	a		N	3
	17.0	23.5	a		N	3
	17.6	6.0	a		N	2
	17.2	9.2	a		N	1
	17.3	9.3	a		N	1
	17.4	11.3	B	2073	N	4
	17.1	12.4	a		K=H	2
	17.4	12.5	a		K=H	1
	17.4	12.9	F	2074	K=H	2
	17.9	13.5	a		N	3
	18.6	7.1	a		N	3
	18.9	8.3	a		N	2
	18.3	8.6	a		K=H	1
	18.9	8.9	a		K=H	4
Looks upon plate	18.6	16.0	a		N	2
	18.3	10.5	a	2075	N	3
	18.4	10.9	a		N	2
	18.7	11.8	H		N	1
	18.8	12.4	H		N	1
	18.9	13.9	a		N	1
	18.7	16.3	a		K=H	2
	18.5	18.1	a		N	2

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1900 h m °	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
12 16.1 −62.9								
12 26.5 −62.9	17065	12	26.3	−62	57	6.6		
12 48.6 −63.2								
12 50.5 −62.9	17593	12	51.0	−62	55	8.5		
12 52.5 −63.1								
13 5.5 −62.8	17921	13	5.5	−62	46	7.0		
13 8.5 −63.1	17983	13	8.3	−63	3	7		
11 49.5 −63.2	16253	11	49.6	−63	8	7.5		
12 4.0 −63.3	16590	12	4.0	−63	10	8.8		
12 4.0 −63.4	16592	12	4.1	−63	15	7.5		
12 13.0 −63.5	16778	12	13.0	−63	26	4.6		
12 18.1 −63.4	16884	12	18.2	−63	19	8.2		
12 18.1 −63.5	16890	12	18.3	−63	26	8.5		
12 20.0 −63.5	16933	12	20.3	−63	28	7		
12 23.0 −63.8	16978	12	22.7	−63	47	6.5		
11 53.7 −63.8	16359	11	53.7	−63	47	6.3		
11 58.6 −64.2								
12 0.1 −63.9	16503	12	0.4	−63	43	7		
12 1.4 −64.1	16541	12	1.7	−64	3	4.7		
12 8.6 −63.9	16704	12	8.9	−63	51	6.9		
12 10.9 −63.9	16746	12	10.7	−63	54	7.8		
12 14.4 −64.2	16812	12	14.7	−64	5	7.5		
12 17.8 −64.3	16870	12	17.5	−64	10	7.5		
12 24.5 −64.4	17011	12	24.3	−64	14	8.5		
12 36.0 −64.2	17264	12	36.0	−64	11	7.5		
12 43.9 −64.0								

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D H Cl. Rem. Kline Sub.

18.8	18.5	a		N	1
18.9	18.7	F	2076	K=H	1
18.1	19.5	F	2077	K=H	1
18.2	20.2	F	2078	K=H	1
18.4	21.3	a		N	3
18.8	22.6	a		N	1
18.5	23.3	a		N	2
19.5	5.9	a		K=H	2
19.5	11.8	a		N	1
19.7	12.9	a		N	3
20.6	5.9	a		N	4
20.8	11.3	a		N	3
21.0	12.0	a		N	3
20.6	12.4	a		N	2
20.8	13.0	V		K=H	2
20.4	17.8	a		N	2
20.7	19.5	H		K=H	2
20.1	21.8	C		N	3
20.1	23.7	F	2079	K=H	2
20.8	9.2	F	2080	K=H	2
21.5	14.7	a		N	1
21.4	11.6	a		N	2
22.8	6.9	F	2081	K=H	2
22.3	15.9	a		N	3
22.2	16.5	a		N	2
22.2	22.6	a		N	3
23.9	5.8	H		K=H	3
23.6	15.2	a		N	2

where is this star?

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
12h 45.5m −64.1°								
12 46.1 −64.2	17492	12	46.7	−64 16	8.5			
12 50.1 −63.8	17575	12	50.4	−63 49	9.2			
12 53.1 −63.8	17653	12	53.5	−63 50	8			
12 58.0 −63.9	17765	12	58.7	−63 54	7.0			
13 4.5 −64.0								
13 7.9 − 63.8								
11 46.9 −64.1	16198	11	46.9	−64 2	8			
12 14.4 −64.6								
12 19.4 −64.7	16909	12	19.4	−64 39	7.8			
11 47.0 −64.6								
12 11.0 −65.6								
12 15.0 −65.3	16817	12	15.0	−65 17	6.8			
12 16.9 −65.2								
12 19.5 −65.2	16918	12	19.7	−65 12	6.9			
12 43.0 −65.1	17432	12	43.0	−65 3	7.8			
12 51.0 − 65.0	17599	12	51.3	−65 6	7			
13 2.0 −64.8	17840	13	1.7	−64 46	6			
13 10.5 −64.6								
12 1.0 −65.2	16534	12	1.2	−65 9	7			
12 28.0 −65.6								
11 49.7 −65.8	16258	11	49.8	−65 49	7.0			
12 34.0 −65.9	17219	12	34.1	−65 57	6.8			
12 36.6 −65.9	17293	12	36.9	−65 54	8.5			
13 6.1 − 65.7	17939	13	6.2	−65 42	6.6			
11 43.8 −66.3	16133	11	43.4	−66 15	5.3			
12 30.9 − 66.7	17143	12	30.5	−66 37	7.5			

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Plate 3396.

D H Cl Rem Kline Jnt.

23.615.7 a N 2

23.617.5 a N 2

0 0 0 23.4 23.3 J K=H 3

Plate

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
12h 33m.0	−66°.7	17195	12h 33m.0	−66° 38′	6.9			
12 42.9	−66.6							
13 10.6	−66.3	18039	13 10.5	−66 15	5.5			

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Plate 5171

23h 35m

D. H.	Cl.	Rem.	Klinef.	Int.
4.7	6.1	a	N	1
4.8	8.3	a	N	4
5.0	9.1	a	N	1
5.0	11.0	H	N	1
4.0	13.1	G 317	KH	2
4.0	17.6	J	K=H	2
5.2	8.3	a	N	1
5.1	16.8	a	N	1
6.0	16.9	a	N	2
5.6	17.5	a	N	1
5.4	17.3	a	N	1
4.9	21.3	a	K=H	2
6.3	8.9	a	K=H	1
5.0	10.3	e	K=H	1
6.3	15.7	a	N	2
5.0	15.8	H	N	1
6.8	17.3	F 2082	K=H	2
6.5	21.5	a	N	2
5.3	5.6	a	N	1
5.3	5.8	a	K=H	1
5.9	9.5	a	N	2
5.5	9.9	a	N	2
5.3	10.5	H 3 G	K=H	3
5.3	11.8	a	N	1
8.0	13.3	a	N	2
5.6	15.1	a	N	1
5.6	15.4	F 2082	K=H	3
7.2	15.5	a	N	1

where is this star?

Enter and G5 H. in error.

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
14h 0.0m −56.4°	19124	14h 0.8m	−56° 25′	7.2				
14 7.9 − 56.6	19273	14 8.0	−56 37	5.6				
14 11.0 − 56.7	19322	14 11.0	−56 43	8.8				
14 25.7 − 56.5	19641	14 25.4	−56 27	7				
14 41.7 − 56.3	20029	14 41.8	−56 14	6.7				
14 9.5 − 56.9	19300	14 9.5	−56 50	7.2				
14 39.5 − 56.9								
14 39.9 − 57.4								
14 42.1 − 57.1	20038	14 42.0	−57 1	8				
14 42.9 − 57.0	20047	14 42.4	−56 55	8				
14 58.0 − 56.6								
14 9.8 − 57.5	19306	14 9.9	−57 23	7				
14 15.0 − 57.9	19393	14 14.9	−57 50	7.8				
14 35.7 − 57.8	19882	14 35.7	−57 50	7.2				
14 36.0 − 57.9								
14 42.0 − 57.8	20019	14 41.5	−57 42	7.2				
14 58.4 − 57.5								
13 57.0 − 57.8								
14 5.5 − 57.9	19221	14 5.7	−57 51	7.8				
14 11.7 − 58.3	19328	14 11.7	−58 13	7				
14 13.5 − 58.1	19359	14 13.5	−58 3	8.5				
14 15.9 − 58.0	19406	14 15.5	−58 0	6				
14 21.0 − 58.0								
14 26.2 − 58.4	19666	14 26.3	−58 23	7.5				
14 33.1 − 58.2								
14 34.5 − 58.2	19856	14 34.5	−58 12	6.6				
14 34.9 − 58.0	19859	14 34.7	−57 56	7.8				

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v H	cl.	Rem.	K. line	Int.
9.4 16.2			K=H	3
9.2 19.4	a		N	1
9.1 23.3	a		N	1
8.2 5.6	a		N	1
8.5 9.5	a		K=H	1
8.4 10.0	a		N	1
9.8 11.6	H		N	1
8.7 12.1	a		N	3
8.6 14.7		2084	K=H	3
8.5 17.5	H		K=H	2
9.2 9.0	a		N	3
9.4 8.0	a		N	1
9.4 8.2	a		N	1
9.1 9.7			K=H	2
10.0 9.8	a		N	1
9.7 11.8	a		N	1
10.0 13.6		2085	K=H	1
9.9 14.4	a		K=H	1
9.3 17.3			K=H	2
9.6 17.8	H		N	1
10.0 18.2	a		N	2
9.4 22.3	H		N	2
10.1 6.4	a		N	2
10.2 6.5	a		N	1
10.1 9.1	a		N	1
10.5 10.9	H		N	1
10.3 13.8			K=H	3
10.3 14.8	a		N	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn
h m		h m	°					
14 37.5	−58.1	19922	14 37.5	−58 3	6.4			
14 50.5	−58.0							
15 4.4	−57.6							
14 8.1	−58.3							
14 11.9	−58.6							
14 13.6	−58.5							
14 19.9	−58.8	19508	14 19.7	−58 47	7.5			
14 21.4	−58.8	19555	14 21.4	−58 45	6.9			
14 31.5	−58.7	19796	14 31.5	−58 43	6.9			
14 43.1	−58.7							
14 1.5	−58.8	19155	14 1.8	−58 48	6.6			
14 5.7	−58.9	19220	14 5.7	−58 55	8			
14 6.5	−59.0							
14 12.0	−58.9	19334	14 12.0	−58 53	7.3			
14 12.1	−59.4							
14 20.2	−59.3							
14 27.0	−59.4	19688	14 27.2	−59 21	8			
14 30.0	−59.4	19751	14 30.1	−59 26	9			
14 42.0	−59.1	20027	14 41.9	−59 1	7.7			
14 44.1	−59.2							
14 45.7	−59.4							
15 1.2	−58.8	20490	15 1.1	−58 45	7			
13 59.5	−59.2	19087	13 59.3	−59 14	6.9			
13 59.7	−59.3	19093	13 59.5	−59 16	7.8			
14 1.7	−59.3	19147	14 1.6	−59 14	9			
14 16.5	−59.8	19429	14 16.4	−59 45	8			
14 27.5	−59.6	19703	14 27.8	−59 35	7.0			
14 31.5	−59.6	19797	14 31.7	−59 25	9.2			

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G. H. Cl.	Rem.	Kline Int.
10.6 15.6 a	N	2
10.6 16.5 a	N	1
10.9 18.8 a	N	1
10.7 18.7 K	K=H	4
10.3 20.1 F 2086	K=H	2
10.9 21.9 a	K=H	1
11.3 5.5 a	N	2
11.2 5.7 a	N	2
11.2 6.0 a_2	N	6
11.6 6.9 a	K=H	1
11.7 7.5 a	N	2
11.2 10.5 a	N	1
11.4 11.4 a	N	1
11.9 11.7 H	N	1
11.9 13 H a	K=0.5H	2
11.2 13.7 a	N	1
11.9 14.2 a	N	1
11.1 14.3 a	N	1
11.8 15.0 ?	K=H	5
11.8 15.5 a	N	1
11.2 17.8 a	K=0.5H	2
12.0 19.5 H	N	1
11.6 18.6 H	N	1
11.8 21.0 H	N	1
11.4 23.0 H	N	1
11.9 22.7 F 2087	K=H	1
12.4 15.6 a	N	1
12.2 7.1 a	K=H	1

where is this star?

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1900	No. F.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn
14h 35.7m		−59.8°						
14 39.5		−59.7						
14 46.0		−59.9						
14 47.8		−59.7	20157	14 47.9		−59 42		5.9
14 53.5		−59.6	20287	14 53.0		−59 25		7.3
15 0.8		−59.6						
13 54.5		−59.8	19011	13 54.8		−59 46		7.8
13 55.8		−59.8	19031	13 55.9		−59 41		8.5
13 56.6		−59.9	19043	13 56.7		−59 53		1.2
14 0.2		−60.1	~~19123~~	~~14 0.9~~		~~−60 18~~		~~8~~ ?
14 2.6		−60.2	19165	14 2.6		−60 6		8.2
14 14.7		−60.0						
14 18.2		−60.1						
14 19.5		−60.4	19504	14 19.4		−60 18		7.8
14 26.4		−60.5	19668	14 26.4		−60 22		8
14 27.6		−60.1	19706	14 28.0		−60 12		8.2
14 29.5		−60.5	19707	14 28.0		−60 34		7.8
14 30.4		−60.1	19750	14 30.1		−59 56		8.8
14 33.5		−60.4	19826	14 33.0		−60 26		1
14 35.5		−60.5	~~19826~~	~~14 33.0~~		~~−60 26~~		~~3.5~~
14 44.7		−60.1						
14 51.0		−60.4	20239	14 51.4		−60 16		8.8
14 47.0		−60.2						
14 57.2		−60.2						
15 4.7		−59.7	20559	15 4.8		−59 43		8.2
15 5.0		−60.0	20560	15 4.8		−60 1		8

14 0.5 −60.4 19123 14 0.9 −60 18 8

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α	H	Cd.	Rem.	Klinc	Int.
12.7	8.9	a			N 1
12.8	10.0	a		K=0.5H	4
12.6	10.1	H			N 1
13.0	11.2	a			N 2
12.4	13.8	a	2088		N 2
12.4	17.6	F	2089	K=H	2
12.2	18.0	H			N 1
12.4	18.7	b		K=H	3
13.0	18.7	a		K=H	2
12.5	20.7	a			N 1
12.4	20.9	a			N 1
12.5	21.5	a			N 1
13.0	21.5	F	2090	K=H	3
13.0	23.7	a			N 3
13.7	5.4	a		K=H	2
13.4	5.7	a			N 1
13.7	7.1	F	2091	K=H	1
13.6	7.2	a			N 2
13.8	8.9	a			N 4
13.5	11.2	a			N 1
13.2	12.2	a			N 1
13.8	13.6	H			N 1
14.0	13.6	a			N 1
14.0	14.3	a			N 2
13.4	16.0	H			N 1
13.3	16.4	F	2092	K=H	1
13.6	17.8	a			N 2
13.4	19.2	a			N 1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m s								
14 8.0	−60.7							
14 12.6	−60.8	19344	14 12.5	−60 48	5.9			
14 13.0	−60.7							
14 17.5	−60.9	19442	14 17.0	−60 56	8			
14 28.0	−60.7	19707	14 28.0	−60 34	7.8			
14 44.1	−60.7	20072	14 43.7	−60 31	7.4			
14 45.7	−60.6	20107	14 45.2	−60 26	7.8			
14 48.0	−60.6	20160	14 48.1	−60 30	7.1			
14 48.0	−60.9	20166	14 48.4	−60 51	7.5			
14 56.0	−60.5							
14 56.9	−60.5							
14 59.5	−60.5							
14 59.9	−60.8	20460	15 0.0	−60 45	6.8			
15 8.7	−60.5	20649	15 8.9	−60 35	5.6			
13 53.5	−60.9	18979	13 53.2	−60 59	7.0			
13 55.0	−60.8							
14 0.4	−61.2	19113	14 0.3	−61 5	8			
14 0.9	−61.1	19119	14 0.7	−61 2	8.5			
14 7.6	−61.3	19259	14 7.7	−61 14	7			
14 17.1	−61.2	19442	14 17.0	−60 56	8	?		
14 21.5	−61.1	19551	14 21.3	−60 57	8.8			
14 27.0	−61.3							
14 27.5	−61.5							
14 30.9	−61.5	19761	14 30.5	−61 24	8			
14 37.4	−61.2	19913	14 37.2	−61 5	7.2			
14 39.2	−61.3							
14 45.0	−61.3							
14 50.0	−61.1							

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	H	Cl.	Rem.	Klein. Int.	
	13.8	22.1	G	K=H	3
	13.8	22.9	a	N	3
	13.1	23.8	a 2093	N	4
	14.7	8.9	a	N	1
	14.5	8.2	a	N	2
	14.3	11.9	G 2094	K=H	2
where is this star?	20.7	12.2	a	N	1
" " " " ?	20.4	12.3	a	N	1
" " " " ?	20.3	12.5	a	N	1
	14.0	13.4	a	N	1
	14.3	14.2	G	K=H	3
	14.7	15.5	a	K=0.5H	3
	14.2	15.8	H	N	1
	14.7	16.8	a	N	1
	15.0	17.1	a	N	3
	14.2	18.3	a	N	3
	14.1	21.6	a	N	3
	14.7	21.6	a	N	3
	14.5	22.6	H	N	2
	15.4	5.0	a	N	2
	15.3	9.3	H	N	1
	15.5	10.4	a	N	1
where is this star?	15.0	12.5	a	N	1
	15.3	14.1	H	N	1
	16.0	15.9	a	K=H	4
	15.4	16.1	G	K=H	1
	15.6	17.6	G	K=H	1
	15.3	17.9	a	N	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m °		h m	° ′					
15 2.6 – 61.1	20521	15 2.7	–61 3	6.8				
15 6.0 – 60.9	20580	15 5.9	–60 58	6.6				
15 8.5 – 60.6	20649	15 8.9	–60 35	5.6				
13 55.5 – 61.5								
14 4.0 – 61.6	19196	14 4.5	–61 33	7.2				
14 20.0 – 61.6	19512	14 20.0	–61 33	7.8				
14 26.0 – 61.5								
14 29.4 – 61.7	19738	14 29.5	–61 35	8				
14 35.1 – 61.8	19866	14 35.2	–61 47	8				
14 37.0 – 61.6	19906	14 36.8	–61 30	8.5				
14 41.0 – 61.8								
14 42.1 – 62.0	20039	14 42.1	–61 54	7.8				
14 47.1 – 61.5	20141	14 47.2	–61 28	7.2				
15 1.0 – 61.3	20476	15 0.7	–61 15	7.0				
15 1.0 – 61.5	20481	15 0.9	–61 30	7.2				
15 4.5 – 61.3	20561	15 4.9	–61 22	6.8				
14 3.5 – 62.0								
14 8.5 – 62.0	19279	14 8.5	–62 1	8.2				
14 13.5 – 62.2								
14 29.4 – 62.1								
14 37.7 – 62.5	19916	14 37.3	–62 26	6.0				
14 38.5 – 62.2	19935	14 38.1	–62 6	8.5				
14 44.5 – 62.3								
14 45.7 – 62.0								

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V H Cl. Rev. Kline Ind.

16.0	15.5	B, 2095	N 4
15.2	15.6	a	N 3
15.7	16.8	a	N 1
15.6	17.2	a	N 1
15.4	21.8	a	N 2
15.9	23.2	a	N 2
15.8	24.1	a	N 1
16.3	5.6	a	N 3
16.6	6.0	H	N 1
16.3	7.6	a	N 1
16.9	7.6	F	K=H 2
16.6	9.3	H	N 2
16.6	10.7	a	N 2
16.4	9.9	H	N 1
16.3	13.0	a	N 1
16.8	13.5	a	N 1
16.7	16.3	a	N 1
16.2	15.5	B 2096	N 3
17.0	18.5	a	N 1
17.0	18.7	a	N 1
17.0	22.1	H	N 2
16.9	22.3	a	N 1
17.4	7.4	H	K=H 2
17.5	6.7	a	N 1
17.6	11.4	F 2093	K=H 2
17.5	12.5	a	N 1
17.4	14.7	H	N 1
17.1	16.6	H	N 1

where is this star?

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.	
h m °			h m ° ′							θ Centauri
14 48.5	−62.4	20174	14 48.7	−62 22	5.8					
14 48.5	−61.9	20172	14 48.7	−61 57	6.8					
14 50.0	−62.2									
14 51.4	−62.2									
15 2.0	−61.8	20511	15 2.3	−61 49	8.5					
15 8.0	−62.0	20627	15 8.1	−62 0	7.8					
15 12.0	−61.9									
13 52.8	−62.3	18971	13 52.9	−62 17	7.5					
13 54.1	−62.4	18994	13 54.3	−62 28	7.2					
14 0.9	−62.4	~~19122~~	~~14 0.8~~	~~−62 44~~	~~7~~					?
14 0.5	−62.7	19122	14 0.8	−62 44	7					
14 8.0	−62.6	19276	14 8.1	−62 39	8.2					
14 14.0	−62.7	19375	14 14.4	−62 42	8					
14 10.5	−62.6	19310	14 10.4	−62 57	8.5					?
14 24.5	−62.6									
14 26.6	−62.9									
14 35.1	−62.5	19874	14 35.5	−62 32	7.1					
14 48.5	−62.9									
14 49.1	−62.9									
15 4.4	−62.7	20569	15 4.2	−62 39	7					
15 5.5	−62.6									
13 59.4	−62.9	19096	13 59.7	−62 58	7.4					
14 4.9	−63.1									
14 17.1	−63.3	19443	14 17.2	−63 15	8					
14 22.1	−63.2									
14 32.0	−63.1	19798	14 31.7	−63 7	8.5					
14 40.5	−62.9	19990	14 40.6	−62 56	7.2					

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δ	H	bl.	Rem.	Nr.	Klasse	Int.
18.0	17.6	~~2 5 7~~ 4 7 6			K=H	3
18.0	17.7	a			N	1
17.6	18.7	a			N	2
17.4	20.3	a			N	2
17.9	20.4	a			N	1
17.8	20.5	a			N	1
17.1	20.3	a			N	1
17.6	21.9	a			N	1
17.9	22.9	a			N	2
18.1	5.4	S			K=H	3
18.4	6.8	F2098			K=H	1
18.8	12.9	H			N	1
18.4	13.1	a			N	2
18.8	13.2	a			N	1
18.2	13.9	a			K=H	3
18.6	14.0	a			K=H	1
18.5	19.4	a			K=H	2
18.7	20.1	G5 S			K=H	3
19.0	20.7	a			N	1
18.1	21.2	a			N	3
18.2	22.3	H			N	1
18.3	23.1	S			K=H	3
19.6	7.8	a			N	1
19.8	8.8	a			N	1
19.3	11.7	a			N	2
19.7	14.6	a			K=H	2
20.1	15.1	a			K=H	5
19.1	17.4	a			K=H	1

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1993phae.proj..880F

No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
	1900 h m	° ′			h m	° ′	
14	44.5	−63.4		20087	14 44.5	−63 23	6.4
14	45.7	−63.5		20111	14 45.6	−63 21	8.5
14	49.6	−63.2		20196	14 49.8	−63 9	8.5
14	56.8	−63.0		20373	14 56.6	−62 57	8
14	58.0	−63.3					
14	58.1	−63.2		20408	14 57.8	−63 6	8.2
14	57.0	−63.0					
15	4.1	−63.0					
15	9.0	−63.0		20654	15 9.2	−63 15	5.5 ?
13	51.0	−63.2		18920	13 50.4	−63 11	5.7
14	5.2	−63.5		19216	14 5.7	−63 31	7.5
14	24.0	−63.9					
14	25.0	−63.7		19622	14 24.8	−63 39	8
14	25.1	−63.9					
14	28.0	−63.6		19708	14 28.1	−63 35	7.2
14	29.0	−63.8		19713	14 28.6	−63 43	7.8
14	53.5	−63.6		20297	14 53.3	−63 32	8
14	56.5	−63.7		20367	14 56.5	−63 38	5.9
15	0.0	−63.8					
15	1.5	−63.3		20486	15 1.1	−63 16	6.8
15	6.5	−63.3		20586	15 6.2	−63 16	8.2
15	10.0	−63.2		20654	15 9.2	−63 15	5.5
14	0.0	−64.1					
14	4.0	−64.3					
14	19.0	−64.1					
14	31.5	−64.4					
14	34.0	−64.6		19849	14 34.4	−64 33	3.5
14	44.9	−64.0					

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α H	δ	Rem.	No.	Klin.	Int.
19.7	19.1	a		K=0.5 H	3
20.0	21.6	a		K	2
20.2	11.4	a		K	1
21.0	14.8	a		K	1
20.7	15.2	a		K	2
20.9	18.1	a		K	1
20.5	18.6	a		K	1
22.0	6.0	a		K	1
21.7	6.3	a		K	2
21.4	7.2	a		K	1
21.8	9.4	a		K	3
21.8	12.0	H		K	3
21.6	15.2	a		K	1
22.0	16.1	a		K	1
21.9	16.2	a		K	1
21.7	16.5	T	2099	K=H	2
21.8	16.6	a		K=H	1
21.3	20.4	T		K=H	2
22.7	9.5	a		K	2
22.6	11.7	a		K	3
22.6	16.0	a		K	2
23.0	16.1	a		K	2
22.7	16.7	a		K	1
22.4	17.5	a		K	3
22.4	18.9	a		K	1
23.2	17.7	T	2100	K=H	3
23.5	9.9	a		K	3
23.5	11.3	a		K	2

where is this star?

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1892phae.proj.:880F

1900	No. G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
14h 52.1m −64.2°	20273	14h 52.7m	−64° 10′	6.9				
15 4.0 −64.2	20539	15 3.8	−64 10	8				
14 17.1 −64.5								
14 32.1 −65.1								
14 34.5 −64.9	19847	14 34.4	−64 33	8.5	?			
14 48.0 −64.9	20168	14 48.6	−64 41	8.5				
14 50.0 −64.7	20211	14 50.4	−64 36	7.5				
13 50.5 −65.2	18931	13 51.0	−65 18	6.8				
13 52.1 −65.1	18959	13 52.5	−65 3	7.2				
13 56.5 −65.0	19041	13 56.8	−64 56	8				
14 7.0 −65.2	19243	14 6.9	−65 14	6.8				
14 19.5 −65.4	19493	14 19.2	−65 22	6.6				
14 33.5 −65.4								
14 38.9 −65.5	19939	14 38.5	−65 44	9				
14 39.8 −65.4								
14 41.1 −65.3								
14 41.9 −65.4	20017	14 41.7	−65 17	8.5				
14 59.6 −64.9	20447	14 59.4	−64 53	6.8				
14 7.0 −65.7	19239	14 6.8	−65 41	7.8				
14 17.9 −65.7	19452	14 17.7	−65 43	6.7				
14 39.0 −65.8	19950	14 39.1	−65 45	8.2				
14 39.5 −66.0	19967	14 39.8	−66 1	7.5				
14 42.0 −65.9	20032	14 42.1	−65 50	8				
14 46.9 −65.6	20124	14 46.3	−65 35	6.6				
14 53.0 −65.5	20278	14 52.8	−65 31	8.8				
14 9.0 −66.1	19280	14 8.7	−66 7	6.2				
14 15.5 −66.2	19403	14 15.5	−66 11	6.9				

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1893phae.proj..880F

May 31, 1893

Plate 51/1
C H Cl. Rem. Kline Int.
23.4 12.0 a N 2
23.2 16.2 a N 1
23.5 16.3 a N 3
23.7 20.2 a N 2
23.4 21.6 a N 1
23.2 22.1 a N 2
23.7 23.1 a N 2
0h 25m. 23.7 24.1 a N 2

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1893phae.proj.:880F

1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
h m °		h m	° ′					
14 19.0 −66.2	19491	14 19.1	−66 7	6.9				
14 39.9 −66.1	19976	14 40.2	−66 9	8.2				
14 40.5 −66.2	19980	14 40.3	−66 10	6.1				
14 58.9 −66.2								
15 6.0 −65.9								
15 8.5 −65.8	20634	15 8.4	−65 44	7.2				
15 14.0 −66.0	20743	15 14.6	−65 51	7.5				
15 20.0 −65.8	20883	15 20.3	−65 38	7.2. ?				

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1893phae.proj...000F

June 1 1893

0h 00m Plate 6495

h	m		Cl.	Rem.	Kind	Int
4	7.2	a			N	1
4	13.3	a			N	1
4	15.4	a			K=H	1
4	21.8	a			N	1
4	22.4	J			K=H	2
5	3.2	a			N	1
5	8	9.5	a		K=H	1
5	1	16.6	B	2201	N	3
5	3	20.0	A	2102	K=H	1
6	2	9.3	E		K=H	1
6	2	10.1	a		N	2
6	7	15.5	D		K=H	3
6	3	16.5	a		K=H	1
6	8	16.8	H		N	1
6	6	18.8	a		N	1
6	1	20.0	a		N	1
6	0	23.4	a		N	1
7	2	8.0	H		N	1
7	9	10.0	O		N	1
7	7	12.3	a		K=H	1
8	0	12.6	a		K=H	1
7	9	14.3	a		K=H	1
7	9	15.3	a		N	1
8	0	15.5	a		N	1
7	4	15.9	a		N	1
6	3	9.1	a		N	1
9	9	9.2	J		K=H	2
9	9	13.5	J		K=H	2

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1893phae..pr01..880F

1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
13h 0m.5			−55°.9					
13 22.5			−56.1					
13 31.2			−55.7					
13 54.5			−55.8		19003	13 54.6	−55 44	8
13 56.5			−55.8		19042	13 56.7	−55 44	6.6
13 0.5			−56.3		17820	13 0.9	−56 28	8.5
13 8.6			−56.5		18008	13 9.1	−56 44	7.8 ?
13 36.2			−56.3		18612	13 36.4	−56 16	6.5
13 48.4			−56.3					
13 8.0			−56.8					
13 11.4			−56.8		18080	13 12.0	−56 46	7.5
13 32.2			−57.1		18532	13 32.3	−57 7	6.5
13 35.6			−56.9		18578	13 34.8	−56 57	9.5
13 37.0			−57.1		18622	13 37.0	−57 5	7.8
13 44.6			−57.1		18786	13 44.4	−56 59	8
13 49.0			−56.7		18881	13 48.6	−56 42	8.2
14 1.0			−56.5		19124	14 0.8	−56 25	7.2
13 3.4			−57.3		17878	13 3.3	−57 14	9
13 12.0			−57.6					
13 19.7			−57.6					
13 21.0			−57.7					
13 27.6			−57.7		18425	13 27.3	−57 43	7.5
13 31.0			−57.8		18508	13 31.4	−57 42	8.5
13 32.0			−57.9		18513	13 31.5	−57 55	7.0
13 33.9			−57.6		18564	13 33.8	−57 25	8
13 7.5			−57.9		17973	13 7.8	−57 47	8
13 7.6			−58.2		17976	13 8.0	−58 9	6.7
13 24.5			−58.1		18350	13 24.0	−58 9	7.2

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1893phae.proj..880F

June 1, 1893

Plate 6495–

S & H	6h.	Rem.	Klein't.
S	21 4.7	H	N 1
9.0	14.7	a	N 1
8.4	15.0	H	N 1
8.2	15.3	I	K=H 2
8.9	16.3	a	N 3
8.7	16.4	a	N 1
8.5	18.9	a	K=H 1
8.5	19.3	a	K=H 1
8	3 22.3	a	K=H 1
9.4	7.4	H	N 1
9.7	9.3	F	2103 K=H 3
9.3	15.1	a	K=H 1
9.9	16.0	a	N 2
9.8	16.7	a	N 3
9.4	17.1	a	N 1
9.1	18.0	a	N 1
9.7	19.0	a	N 2
10.7	7.5	a	K=H 1
10.9	11.0	F	2204 K=H 2
10.4	12.9	G	K=H 2
10.4	14.3	G	K=H 2
10.5	18.9	a	N 2
11.0	18.4	a	N 1
10.3	18.5	a	N 1
10.4	19.8	E	K=H 1
10.5	23.2	a	N 3
12.0	6.3	a	K=H 1
11.4	7.7	a	K=0.2H 3

?

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1893phae.proj..880F

1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	W. C.D.M.	R.A.	Dec.	Magn.
h m °		h m ° ′						
13 28.1 −58.0	18458	13 28.6	−57 51	8.2				
13 28.0 −58.4								
13 30.0 −58.1	18483	13 30.1	−57 59	8				
13 31.1 −57.9	18513	13 31.5	−57 55	7.0				
13 35.2 −58.2	18586	13 35.3	−58 17	6.1				
13 35.5 −58.1	18593	13 35.6	−58 7	8.2				
13 45.2 −57.9								
13 47.0 −57.9								
13 57.5 −57.7								
13 0.1 −58.3	17798	13 0.0	−58 2	9.2	?			
13 8.0 −58.6	17977	13 8.0	−58 34	5.9				
13 34.4 −58.7	18573	13 34.5	−58 44	8				
13 37.0 −58.7	18626	13 37.2	−58 44	7				
13 38.0 −58.5								
13 42.1 −58.3	18730	13 42.0	−58 18	9				
13 46.0 −58.6								
13 0.1 −58.9	17813	13 0.6	−58 54	7.5				
13 14.2 −59.2	18129	13 14.2	−59 15	6.9				
13 21.5 −58.9	18300	13 21.9	−59 1	8				
13 28.0 −59.0	18442	13 27.9	−59 0	8				
13 42.1 −59.0	18727	13 41.9	−59 0	8				
13 43.9 −59.3								
13 44.0 −58.9								
13 49.0 −58.9								
14 1.5 −58.8	19155	14 1.8	−58 48	6.6				
12 55.4 −59.7	17709	12 55.7	−59 48	8.5				
13 1.2 −59.3	17828	13 1.2	−59 19	6.7				

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	h	m			
11.	4	8.9	a	K=H	4
11.	2	9.1	G 2H	K=H	3
11.	8	11.4	F 2105	K=H	2
11.	7	14.7	F 2106	K=H	1
11.	9	15.8	H	K	1
11.	2	16.8	a	K	1
11.	2	17.7	a	K	2
11.	3	18.1	H	K	1
11.	7	19.6	a	K	1
11.	3	22.4	a 2107	K	3
11.	4	22.5	a	K	1
12.	7	6.1	F 2108	K=H	2
12.	2	6.9	a	K	1
12.	7	7.3	a	K	1
12.	7	9.1	a	K=H	1
12.	3	10.4	F 2109	K=H	1
12.	6	10.9	H	K	1
12.	2	11.8	a	K	1
12.	2	13.0	H	K	1
12.	8	13.7	a	K	2
12.	2	13.9	H	K	1
13.	0	15.6	a	K	1
12.	5	15.7	G	K=H	1
12.	9	18.0	a	K	2
12.	3	19.3	a	K	1
13.	0	19.9	a	K	1
12.	8	20.5	a	K	1
12.	2	21.2	a	K=H	2

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
h m	°		h m	° ′					
13 15.9	−59.7	18162	13 15.7	−59 40	7.3				
13 6.5	−59.3	17950	13 6.6	−59 17	7.0				
13 16.0	−59.7	18162	13 15.7	−59 40	7.3				
13 28.2	−59.7	18460	13 28.7	−59 37	8.2				
13 32.5	−60.4								
13 37.5	−59.5								
13 41.0	−59.5								
13 43.0	−59.5								
13 49.5	−59.7								
13 59.5	−59.3	19087	13 59.3	−59 14	6.9				
13 59.9	−59.3	19093	13 59.5	−59 16	7.8				
12 54.5	−60.0	17668	12 54.0	−60 3	8.5				
12 58.0	−59.9	17751	12 57.9	−59 39	8.8	?			
12 59.0	−60.1	17774	12 57.0	−59 54	8				
13 6.7	−60.2	17942	13 6.2	−60 2	8				
13 11.9	−60.0								
13 13.5	−60.2	18108	13 13.3	−60 7	7.8				
13 17.6	−60.0								
13 22.5	−59.9								
13 25.0	−60.3	18363	13 24.6	−60 13	8				
13 26.1	−60.0								
13 33.0	−60.4								
13 33.5	−60.2								
13 42.6	−60.3	18738	13 42.4	−60 16	7.5				
13 47.5	−59.9								
13 50.0	−60.3								
13 52.5	−60.2								
13 54.7	−59.9	19011	13 54.8	−59 46	7.8				

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Plate 6495

G.H.	Cl.	Rem.	Nr.	Klin.	Int.
12.3	21.6	a		Nr	5
12.1	21.5	a		Nr	1
12.5	21.7	B	2110	Nr	3
13.3	6.4	a		K=H	2
13.8	9.1	a		K=H	2
13.5	10.5	a		Nr	1
14.0	10.6	H		Nr	1
13.1	11.1	a		Nr	1
13.3	11.6	B	2111	Nr	4
13.5	12.9	a		Nr	2
13.2	13.2	a		Nr	1
13.9	14.7	a		Nr	1
14.0	14.9	a		Nr	1
13.7	15.6	a		Nr	1
13.4	16.2	a		Nr	1
13.2	17.6	a		K=H Nr	2
13.6	19.0	F	2112	K=H	1
13.3	21.0	a		Nr	1
13.5	22.5	a		K=H	1
13.1	23.0	a		Nr	1
14.5	6.9	A	2113	K=H	1
14.6	9.3	a		K=H	2
14.1	13.8	F,G		K=H	3
14.6	14.3	a		Nr	1
15.0	14.8	G		K=H	1
14.6	15.0	F	2114	K=H	3
14.8	16.3	a		Nr	2
14.7	16.4	H		Nr	1

* Prin. comp. Aug. 24. 1904

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1900		No. A.G.C.	1900 R.A.	1900 Dec.	Magn	No C.D.M	RA	Dec.	Mag
h	m °		h	m ° ′					
13	56.6 −59.9	19043 ✓	13	56.7 −59 53	1.2 ✓				
				55.9 59 41					
13	56.0 −59.8	19038	13	56.0 −60 1	8.5				
13	57.6 −60.0	19043 ✓	13	56.7 −59 53	1.2 ✓				
12	55.9 −60.2	17702	12	55.5 −60 8	7				
13	6.0 −60.7	17927	13	5.7 −60 35	7.3				
13	12.5 −60.6								
13	13.0 −60.9								
13	14.6 −60.4	18148	13	15.1 −60 17	8.5				
13	16.5 −60.5	18172	13	16.1 −60 27	6.5				
		18174		16.2 −60 28	5.2				
13	22.0 −60.5	18295	13	21.5 −60 33	7.8				
13	23.0 −60.4	18319	13	22.5 −60 24	8.8				
13	28.7 −60.9								
13	29.9 −60.9								
13	32.5 −60.9								
13	35.4 −60.5								
13	41.5 −60.4	18715	13	41.3 −60 19	8.2				
13	46.5 −60.6								
13	54.5 −60.4								
14	0.7 −60.4	19123	14	0.9 −60 18	8				
14	2.7 −60.3	19165	14	2.6 −60 6	8.2				
12	56.5 −60.9	17727	12	56.5 −60 47	8.5				
13	6.5 −61.1	17946	13	6.5 −61 1	7.5				
13	25.5 −61.1	18365	13	24.9 −61 4	7.2				
13	27.9 −61.2	18444	13	28.1 −61 17	8.5				
13	29.4 −61.4								
13	31.0 −61.2	18492	13	30.5 −61 11	6.5				
13	35.7 −61.3	18596	13	35.8 −61 14	7.2				
13	36.5 −61.3	18611	13	36.4 −61 13	7.5				

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1893phae.proj..88OF

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	V	H	Cl.	Rem. No.	Kline	Int.
	14.1	18.8	F	2115	K=H	1
	14.1	19.2	a		N	3
	14.4	20.4	a		K=H	1
	14.5	20.4	a		K=H	3
	15.0	22.2	a		K=H	1
	14.9	22.3	a		N	1
	15.4	11.0	a		N	2
	15.5	13.2	G		K=H	2
	16.0	14.0	a		N	2
	15.2	14.7	a		N	2
	16.0	15.0	H		N	1
	15.2	16.9	a		N	1
	15.5	17.2	E		K=H	1
	15.5	17.8	G2H		K=H	2
	15.9	18.0	a		N	2
	15.6	20.9	a.		N	1
	16.7	9.8	G		K=H	2
Look up on plate	15.6	10.2	E		K=H	1
	16.4	10.8	E		K=H	1
	16.4	11.1	H		N	1
	17.0	11.9	H		N	1
	16.6	12.8	E		K=H	2
	16.9	14.0	a		N	1
	16.5	14.7	G2H		K=H	2
	16.3	15.9	H		N	1
	16.2	17.1	a	2116	N	3
	16.5	17.3	H		N	2
	17.0	18.4	a		N	1

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1893phae.proj..880F

1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m °								
13 46.0 −60.9								
13 48.0 −60.9	18852	13 47.7	−60 51	7.2				
13 52.9 −60.9								
13 53.5 −60.9	18979	13 53.2	−60 59	7.0				
14 0.5 −61.2	19113	14 0.3	−61 5	8				
14 1.1 −61.1	19119	14 0.7	−61 2	8.5				
13 13.4 −61.5	18113	13 13.5	−61 30	8				
13 22.5 −61.6	18310	13 22.2	−61 35	7.5				
13 26.0 −61.9	18388	13 25.9	−61 50	7.5				
13 29.0 −61.6								
13 30.5 −61.9	18478	13 29.8	−61 50	7.5				
13 38.5 −61.5								
13 40.0 −61.6	18682	13 39.7	−61 34	8.5				
13 42.6 −61.6	18733	13 42.2	−61 37	7.5				
13 43.5 −61.8	18755	13 42.9	−61 47	8.5				
13 55.6 −61.5								
13 8.0 −62.1	17965	13 7.6	−62 7	7.5				
13 12.0 −62.0								
13 13.6 −62.0	18114	13 13.5	−62 0	7				
13 16.5 −62.4	18188	13 16.6	−62 21	8.5				
13 21.0 −62.2	18274	13 20.7	−62 8	7.5				
13 25.5 −62.4	18371	13 25.3	−62 32	8.2				
13 28.6 −62.2	18453	13 28.4	−62 7	7				
13 34.5 −62.0								
13 40.0 −61.9	18694	13 40.3	−62 6	6.8				
13 41.0 −62.2								
13 45.0 −62.3	18822	13 45.8	−62 14	8.8				

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1893phae.proj..880F

June 1, 1893

Plate 6495

Q	H	Cl.	Rem.	Klumpke	Int.
16.4	19.6	G5H		K=H	3
17.0	19.9	a	1	N	1
16.5	20.1	a		N	1
16.3	21.2	a		N	1
16.1	23.1	a		K=H	1
16.9	22.7	a		N	2
18.0	9.4	a		K=0.8H	3
17.7	9.7	a		N	1
17.4	13.9	a		N	3
17.9	14.5	a		N	2
17.6	14.9	a		N	2
17.8	16.0	a		N	2
17.5	17.8	a		N	1
17.4	17.9	a		N	1
18.0	18.4	a		N	2
18.1	18.4	a		N	2
17.1	20.2	a		N	2
17.5	20.5	H		N	1
18.6	10.1	a		N	2
18.3	10.9	F2G211		K=H	2
18.9	21.2	G		K=H	1
19.0	13.3	a	2118	N	3
18.6	14.2	F	2119	K=H	1
18.8	19.5	K		K=1.2H	3
18.6	21.7	H		N	1
18.2	22.0	F		K=H	2
18.3	23.7	H		N	1
18.7	24.0	a		N	2

Lost from Plate

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1893phae.proj..880F

1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m 13 51.0	-62.0	18916	13 50.3	-61 59	7			
13 52.0	-62.3							
13 52.5	-62.0							
13 57.1	-61.9							
14 4.9	-61.6	19196	14 4.5	-61 33	7.2			
14 3.0	-62.0							
13 5.5	-62.8	17921	13 5.5	-62 46	7.0			
13 7.1	-62.6	17969	13 7.7	-62 51	8.5			
13 25.4	-62.6	18371	13 25.3	-62 32	8.2			
13 28.0	-62.9	18434	13 27.8	-62 46	8.5			
13 29.5	-62.7							
13 35.1	-62.8							
13 42.6	-62.6							
13 43.1	-62.6							
13 45.5	-62.9	18803	13 45.5	-62 52	7.8			
13 45.8	-62.9	18804	13 45.5	-62 55	8.5			
13 53.5	-62.4	18985	13 53.5	-62 9	8.5			
13 54.5	-62.5	18994	13 54.3	-62 28	7.2			
13 8.0	-63.1	17983	13 8.3	-63 3	7			
13 10.9	-62.9							
13 22.4	-63.3	18312	13 22.4	-63 21	7.5			
13 26.5	-63.2	18397	13 26.3	-63 9	7.2			
13 51.0	-63.0	18920	13 50.4	-63 11	5.7			
14 0.0	-63.0							
14 0.5	-62.7	19122	14 0.8	-62 44	7			
14 8.0	-62.6	19276	14 8.1	-62 39	8.2			
14 10.0	-63.0	19310	14 10.4	-62 57	8.5			

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	α & H	Cl.	Rem.	Klein't
	19.2	6.6	a	N 1
	20.0	10.0	a	N 1
	19.4	11.6	E	K=H 1
	19.7	13.2	a	N 2
	19.4	15.2	a	N 2
	19.2	16.9	a	N 1
	20.0	17.2	a	N 1
	19.1	17.3	a	N 2
	19.5	17.7	a	N 1
	19.3	19.2	a	N 2
	19.9	22.9	a	K=H 1
Who is this star?	20.5	18.1	a	N 2
	20.3	12.2	G_2H	K=1/2H 3
	20.1	12.5	F	2100 K=H 3
	20.6	13.4	a	N 3
	20.8	14.3	H	N 1
	21.0	15.0	a	N 2
	20.6	15.4	a	N 1
	20.3	15.6	F	2121 K=H 3
	22.0	9.0	Q	N 3
	22.0	9.9	a	N 1
	21.6	10.8	F	2122 K=H 3
	21.8	14.0	a	K=.5H 2
	21.5	14.7	a	N 1
	21.9	14.7	a	N 1
	21.5	17.3	a	N 1
	23.0	6.9	H	N 1
	22.5	14.3	a	N 3

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1900 h m °	No. F.G.6.	1900 R.A.	1900 Dec.	Magn	No. C.D.M.	R.A.	Dec.	Magn.
12 52.5 −63.2								
13 7.0 − 63.8								
13 15.0 − 63.6	18143	13	14.8 − 63	31	8.5			
13 22.0 − 63.8								
13 32.0 − 63.6								
13 38.9 − 63.5								
13 40.5 − 63.9								
13 41.0 − 63.4								
13 42.9 − 63.6								
13 49.0 − 63.4	18884	13	48.9 − 63	25	8			
14 6.5 − 63.5	19241	14	6.8 − 63	44	9.5			
13 17.0 − 64.1	18202	13	17.2 − 64	1	5.3			
13 18.9 − 63.9	18232	13	18.6 − 63	58	6.4			
13 22.0 − 64.2	18311	13	22.4 − 64	10	6.7			
13 27.0 − 64.3								
13 30.9 − 64.5	18490	13	30.4 − 64	26	7.8			
13 32.0 − 64.3								
13 33.5 − 64.1	18549	13	33.2 − 64	4	6.4			
13 1.6 − 64.8	17840	13	1.7 − 64	46	6			
13 7.5 − 63.7								
13 10.1 − 64.6	18031	13	10.1 − 64	36	6.8			
13 25.4 − 64.8	18366	13	25.1 − 64	49	7.0			
13 29.0 − 64.7	18457	13	28.7 − 64	39	8			
13 29.1 − 64.9	18459	13	28.8 − 64	49	8.5			
13 41.4 − 64.7								
12 51.0 − 65.1	17599	12	51.3 − 65	6	7			
13 26.9 − 65.2	18407	13	26.6 − 65	7	6.7			

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h	m			
		23.0	19.3	I K=H 3
		22.7	19.3	a R 1
		22.6	19.7	a R 2
		22.5	20.6	a R 1
		23.3	9.0	a R 1
		23.9	10.1	a R 2
		23.4	11.9	a R 1
		23.4	14.4	a R 2
		24.0	19.7	a K=H 2
		24.0	21.1	H R 1
		23.3	22.7	a K=H R 2
0	40	24.3	22.5	a R 2

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1900	No. A. G. C.	1900 R. A.	1900 Dec.	Magn	No C. D. M.	R.A.	Dec.	Magn.
13h 50.5m	−65°							
13 50.0	−65.2							
13 52.0	−65.2	18959	13h 52.5m	−65° 3′	7.2			
13 56.5	−65.1							
13 1.0	−65.4	17823	13 1.2	−65 20	8.5			
13 6.1	−65.7	17939	13 6.2	−65 42	6.6			
13 15.0	−65.6	18145	13 14.9	−65 31	8			
13 26.9	−65.6	18409	13 26.8	−65 34	7.6			
13 53.5	−65.8	18980	13 53.4	−65 47	6.4			
14 0.0	−65.7							
14 7.0	−65.2	19243	14 6.9	−65 14	6.8			
14 7.0	−65.7	19239	14 6.8	−65 41	7.8			

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0 hr. 00 mn.

Plate 3375 No.

Cr.	H	Cl.	Rem.	Klein's No.
4.6	5.8	a	N	1
5.0	11.2	H	K=H	1
4.5	11.9	a	N	2
4.9	12.8	H	N	1
5.0	13.6	a	K=H	2
4.4	14.1	H	N	1
4.3	14.6	a	K=H	1
4.1	15.6	H	N	1
4.6	16.4	a	N	1
3.6	17.8	a	N	1
4.8	20.4	a	N	1
4.3	21.0	a	K=H	1
4.4	21.7	H	2123 K=H	3
3.9	21.9	a	N	1
3.2	23.2	H	2124 K=H	3
5.1	14.4	a	K=H	1
5.1	15.2	H	N	1
5.2	16.5	a	K=H	2
5.9	15.2	H	N	1
6.0	21.8	a	K=0.2H	4
6.2	6.1	a	N	2
6.4	8.0	a	K=H	1
6.9	12.8	a	K=0.4H	3
6.5	13.1	a	N	1
6.5	17.3	a	K=0.3H	3
7.0	20.2	a	N	1
6.6	20.8	a	N	1
6.6	23.2	a	N	3

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	RA	Dec.	Magn.
h m °								
14 55.9		– 56.6						
15 16.0		– 56.9	20802	15 16.1		– 56 59	7.2	
15 18.0		– 56.6	20836	15 18.0		– 56 40	8	
15 21.7		– 57.0	20919	15 21.7		– 56 54	8.5	
15 25.0		– 57.1		15 24.8		– 57 4	7.5	20996 or 20998
15 26.7		– 56.7	21037	15 26.5		– 56 44	7.4	
15 28.5		– 56.6	21082	15 28.6		– 56 41	8.5	
15 32.5		– 56.5	21175	15 32.3		– 56 35	7.5	
15 36.5		– 56.8	21267	15 36.4		– 56 48	8	
15 40.2		– 56.2						
15 49.5		– 56.9						
15 51.4		– 56.6	21610	15 51.9		– 56 31	8	
15 54.4		– 56.6	21675	15 54.5		– 56 34	7.2	
15 55.0		– 56.2						
15 59.8		– 55.9	21784	15 59.4		– 55 55	6.6	
15 28.0		– 57.1	21057	15 27.6		– 57 5	7.6	
15 31.0		– 57.4	21140	15 31.1		– 57 22	8	
15 36.0		– 57.1	21245	15 35.7		– 57 8	7.5	
15 38.5		– 57.5	21316	15 38.3		– 57 30	7.2	
15 55.5		– 57.5	21694	15 55.4		– 57 29	5.5	
14 56.0		– 57.4	20351	14 55.4		– 57 29	8	
15 3.4		– 57.7						
15 21.6		– 58.0	20915	15 21.7		– 58 0	7.0	
15 22.6		– 57.8						
15 39.1		– 57.8	21324	15 38.8		– 57 49	7.2	
15 49.5		– 58.1						
15 52.0		– 57.8	21606	15 51.7		– 57 45	8.2	
16 1.2		– 57.7	21827	16 1.0		– 57 40	6.0	

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U H	Cl.	Rem.	Kline	Jud.
6.2	23.9	a	N	1
7.8	9.7	a	K=0.2H	4
8.0	10	9 a	N	1
7.2	12	5 a	N	1
7.9	14	3 a	K=H	1
7.8	15	8 F	2123 K=H	1
7.8	16	3 a	K=H	1
7.6	16	8 a	K=H	2
8.0	17	7 a	K=H	2
7.7	19	7 F	2126 K=H	1
7.9	20	5 a	2127 N	2
27.5	21	9 F	2126 K=H	1
8.7	7	5 H	N	1
8.5	11	1 a	K=H	2
8.5	11	2 a	K=H	1
8.7	11	3 a	N	4
9.0	12	1 a	K=H	1
8.4	16	7 a	N	2
8.2	17	0 a	N	1
8.6	17	4 a	K=H	1
8.4	18	8 F	2129 K=H	2
8.8	21	7 Nia?	N	2
8.6	22	7 a	K=0.5H	2
9.8	9	1 H	N	1
9.9	10	1 a	N	1
9.3	10	6 a	N	3
10.0	12	2 a	N	1
9.7	14	1 a	N	1
9.9	15	0 a	K=H	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
16h 3m.0			−57°.4					
15 9.5			−58.5					
15 9.5	20668	15 9.6	−58 21	6.7				
15 14.4			−58.6					
15 14.4	20760	15 14.4	−58 48	7.8				
15 20.5			−58.2					
15 20.5	20894	15 20.4	−58 9	8.5				
15 27.9			−58.6					
15 27.9	21056	15 27.6	−58 32	8				
15 33.5			−58.5					
15 35.2			−58.5					
15 37.2			−58.4					
15 37.2	21284	15 37.1	−58 22	8				
15 40.5			−58.6					
15 40.5	21352	15 40.5	−58 33	8				
15 47.9			−58.4					
15 47.9	21513	15 47.7	−58 24	7.5				
15 51.0			−58.5					
15 51.0	21589	15 51.1	−58 26	7.5				
15 56.5			−58.1					
15 56.5	21718	15 56.3	−58 9	9				
15 0.5			−58.9					
15 0.5	20490	15 1.1	−58 45	7				
15 14.6			−58.8					
15 14.6	20760	15 14.4	−58 48	7.8				
15 15.0			−58.9					
15 15.0	20772	15 14.8	−58 47	7.5				
15 15.5			−59.0					
15 15.5	20785	15 15.4	−58 58	5.2				
15 18.2			−59.2					
15 36.5			−58.8					
15 36.5	21278	15 36.8	−58 48	7.5				
15 38.0			−58.7					
15 39.0			−58.9					
15 39.0	21331	15 39.3	−58 52	8.5				
15 44.6			−58.8					
15 44.6	21447	15 44.7	−58 46	7.3				
15 55.7			−58.9					
15 55.7	21701	15 55.8	−58 53	6.8				
15 59.6			−58.7					
15 59.6	21793	15 59.8	−58 42	7.0				
15 6.9			−59.5					
15 6.9	20594	15 6.6	−59 22	7.5				
15 10.5			−59.6					
15 10.5	20681	15 10.1	−59 44	8				
15 12.5			−59.3					
15 12.5	20728	15 12.6	−59 11	7.2				
15 18.7			−59.4					
15 18.7	20852	15 18.8	−59 36	9				
15 26.5			−59.5					
15 29.6			−59.6					
15 29.6	21114	15 29.9	−59 33	8.5				

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H & H Cl. Rem. Nr. Nine Int.

9.8	15.4	F	2130	K=H	3
9.7	16.7	a		N	1
11.0	8.8	F	2131	K=H	2
10.4	10.0	a		K=H	1
11.0	10.3	B	2132	N	4
10.4	10.3	a		N	2
10.9	10.4	a		N	2
10.9	11.2	a		N	1
10.6	11.4	a		N	1
10.4	11.7	F	2133	K=H	1
11.0	13.1	a		N	1
10.6	16.4	G	2H	K=H	3
10.8	17.6	F	2134	K=H	3
10.5	19.3	a		K=0.2H	3
11.0	19.4	a		K=0.1H	3
10.4	19.5	a		N	1
10.6	19.8	a		K=H	2
10.9	21.4	a		N	1
10.1	24.1	a		K=H	1
12.0	9.6	a		K=H	1
11.9	9.8	a	2135	N	3
12.0	9.9	a		N	4
11.3	10.5	a		K=H	2
11.4	11.4	F	2136	K=H	3
11.6	14.1	a		N	3
11.6	19.1	a		N	3
? 11.2	21.2	G		K=H	2
? 11.2	21.2	a		N	1

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Magn.
h m °		h m ° ′						
15 31.5 −59.6	21155	15 31.7	−59 34	6.4				
15 36.5 −59.5								
15 4.5 −60.1	20560	15 4.8	−60 1	8				
15 10.0 −59.8								
15 10.5 −60.2	20695	15 10.8	−60 8	5.9				
15 10.9 −59.9	20701	15 11.2	−59 46	7.8				
15 11.0 −60.2								
15 14.5 −60.1	20766	15 14.7	−60 0	8.5				
15 15.0 −60.0	20768	15 14.7	−60 0	9.5				
15 16.6 −59.8								
15 22.0 −60.2								
15 35.6 −59.9	21243	15 35.7	−59 58	6.9				
15 40.5 −60.1	21353	15 40.6	−60 4	6.9				
15 47.4 −59.9	21499	15 47.2	−59 53	6.2				
15 47.5 −60.2	21509	15 47.7	−60 11	6.2				
15 47.5 −59.8	21499	15 47.2	−59 53	6.2				
15 49.5 −59.9	21547	15 49.3	−59 55	8				
15 55.6 −60.0								
16 6.0 −59.5								
14 59.0 −60.5								
15 8.5 −60.5	20640	15 8.5	−60 32	6.3				
15 9.0 −60.6	20649	15 8.9	−60 35	5.6				
15 11.9 −60.2								
15 15.1 −60.3	20775	15 15.1	−60 18	6.1				
15 26.0 −60.5	21023	15 25.9	−60 28	7				
15 46.1 −60.5	21487	15 46.4	−60 27	6.4				
15 54.6 −60.2	~~21688~~	~~15 55.2~~	~~−60 13~~	~~6.8.~~				
15 55.0 −60.2								

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V H bl. Rem. Klmt. Int.

11.4	21.3	G?	K=H	3	
11.8	21.3	a	K=H	2	
12.2	6.7	a	N	1	
12.6	7.7	F	2137	K=H	3
13.0	8.5	G	K=H	3	
12.9	9.3	a	N	3	
12.5	13.9	a	K=0.2H	3	
12.6	16.6	F	2138	K=H	2
12.9	16.6	H	N	1	
12.9	20.4	F	2139	K=H	1
12.8	21.5	a	N	1	
12.8	22.2	a	K=H	1	
13.6	6.0	a	N	3	
14.0	8.2	a	2140	N	3
13.7	9.1	H	N	2	
13.3	21.1	F	2141	K=H	2
14.0	22.2	H	N	1	
14.0	22.6	a	K=H	1	
14.7	8.6	a	N	2	
14.8	10.0	a	N	2	
14.5	10.8	a	K=H	1	
14.0	11.9	F	2142	K=H	1
14.0	13.7	a	N	1	
13.3	12.8	Ca	N	1	
14.0	14.5	F	2143	K=H	1
14.1	14.0	a	N	2	
14.8	15.7	F	2144	K=H	1
14.3	16.3	H	N	1	

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec.	Mag.
h m °		h m	° ′					
15 55.7	−60.3	21688	15 55.2	−60 13	6.8			
15 55.9	−60.6	21690	15 55.3	−60 26	8			
14 55.6	−60.5							
14 59.8	−60.8	20460	15 0.0	−60 45	6.8			
15 2.9	−61.1	20521	15 2.7	−61 3	6.8			
15 6.0	−60.9	20580	15 5.9	−60 58	6.6			
15 25.0	−61.0	21002	15 25.2	−60 56	7.2			
15 36.1	−61.0	21272	15 36.7	−60 59	7			
15 44.5	−61.2							
15 52.0	−61.0	21613	15 52.1	−61 0	9.2			
15 56.1	−60.9							
15 59.1	−60.9							
15 0.8	−61.3	20476	15 0.7	−61 15	7.0			
15 1.0	−61.5	20481	15 0.9	−61 30	7.2			
15 4.7	−61.3	20561	15 4.9	−61 22	6.8			
15 54.9	−61.2	21684	15 55.0	−61 11	8			
16 0.0	−61.5	21801	16 0.1	−61 32	7.5			
16 1.6	−61.5	21840	16 1.7	−61 27	8.5			
15 2.5	−61.9	20511	15 2.3	−61 49	8.5			
15 8.5	−62.1	20627	15 8.1	−62 0	7.8			
15 12.0	−62.0							
15 17.1	−61.8							
15 24.4	−61.7							
15 21.0	−61.4							
15 27.4	−61.7							
15 25.2	−61.8	21007	15 25.5	−61 44	8			
15 33.0	−62.2							
15 35.4	−61.9	21242	15 35.6	−61 50	8.2			

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Plate 3375 continued in Book 65

G H	Cl.	Rem.	Klinf.	Int.		
14.4	19.7	F	2145	K=H	1	
14.5	23.0	a		N	3	
15.4	5.4	a		N	3	
15.6	6.0	a		N	1	
16.0	8.0	F	2146	K=H	1	
15.2	11.5	a		N	2	
15.5	12.4	a		N	2	
16.0	12.7	H		N	2	
15.1	14.7	F	2147	K=H	1	
15.2	14.9	a		N	3	
16.0	15.2	a		N	1	
15.6	17.0	F	2148	K=H	3	
15.3	18.4	K		K=H	3	
15.9	19.8	H		N	1	
15.8	20.5	a		N	1	
15.4	20.6	a		N	3	
16.0	21.5	a		N	2	
16.2	15.5	a	2149	N	4	
17.0	7.5	a		K=H	2	
16.3	9.2	H		N	1	
16.8	10.2	F	2150	K=H	1	
16.4	15.6	a		N	8	
16.4	16.5	a		K=0.5H	2	
16.8	15.7	a		K=H	5	
16.5	20.5	H		N	1	
17.0	20.5	E		K=H	1	
17.0	21.9	a		N	2	
16.4	21.9	a		N	3	

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1900	No. A.G.C.	1900 R.A.	1900 Dec.	Magn.	No. C.D.M.	R.A.	Dec	Magn.
h m ° 15 49.4 −61.8								
16 3.5 −61.7	21873	16 3.6	−61 40	7.8				
14 48.5 −61.9	20172	14 48.7	−61 57	6.8				
14 51.0 −62.2								
14 59.8 −62.5								
15 14.5 −62.3								
15 18.4 −62.5								
15 19.5 −62.8								
15 28.4 −62.3								
15 29.0 −62.4	21087	15 29.0	−62 21	8				
15 30.5 −62.8								
15 37.5 −62.5	21312	15 38.3	−62 29	7.2	?			
15 44.5 −62.3	21442	15 44.7	−62 19	6.9				
15 50.5 −62.6	21581	15 50.8	−62 31	7				
15 53.5 −62.5								
15 54.1 −62.2	21659	15 54.1	−62 15	6.7				
15 58.0 −62.5	21757	15 58.2	−62 29	8				
14 48.5 −62.4	20174	14 48.7	−62 22	5.8				
14 56.6 −62.9	20373	14 56.6	−62 57	8				
15 4.5 −62.6	20549	15 4.2	−62 39	7				
15 8.5 −63.0								
15 31.4 −62.9	21165	15 32.2	−62 52	7.8				
15 36.0 −63.0								
15 45.5 −63.2	21484	15 46.4	−63 7	3.1				
15 53.5 −62.9	21652	15 54.0	−62 51	8				
15 54.0 −63.1	21670	15 54.4	−63 5	8.5				
15 57.1 −63.1	21734	15 57.5	−63 4	7.8				
15 59.5 −62.6	21785	15 59.6	−62 42	7.8				

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