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№ 63

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" 4955	112														
" 4695	138														
" 3695	146														
" 4038	160														
" 3933	170														
" 4482	182														
" 5712	188														
" 5584	194														
" 4042	198														
" 4958	202														

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Plate 5270.

				& Hd Cl Rem.	Klinc Int.	
	19.1	16.3	a	N	3	
	19.5	16.9	F	1422 K=H	1	
	19.1	19.1	Hd	N	1	
	19.4	19.6	a	K=5	2	
	20.6	5,5	Hd	N	2	
	20.8	8.8	a	K=H	1	
	20.8	14.6	a	N	1	
	20.3	15.6	a	N	1	
	21.0	16.0	Hd	N	1	
	21.3	21.5	Ma?	N	1	
	21.6	7.9	a	N	2	
	21.8	11.0	a	N	2	
	21.7	12.3	a	N	3	
ask Mrs F.	21.5	16.5	a	N	2	
	21.2	17.0	a	K=H	1	
	21.8	17.0	a	N	2	
	21.2	17.6	a	K=H	1	
	21.4	18.8	Hd	N	1	
	21.5	23.3	a	N	1	
	23.0	6.5	Hd	N	2	
	22.9	8.4	G	K=H	2	
	22.6	9.3	a	N	2	
	22.3	12.4	a	N	3	
	22.7	12.9	a	N	1	
	22.4	12.7	a	K=H	1	
	22.8	13.4	a	N	3	
	22.6	16.3	Hd	N	1	

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1950 h m	°								A.G.C. No.	R.A.	Dec.	Magn.
12 51.1	−54.1	C.P.D.	−53° 5397	12	49	41.3	−53	57.9	7.1	17597	12 h 51.1 m	−54 3′	6.8
12 53.8	−54.3	C.P.D.	−54° 5395	12	51	55.6	−54	2.2	8.6				
13 0.7	−54.1	C.P.D.	−53° 5464	12	59	11.2 / 9.7	−53	59.2 / 57.2	8.0	17816	13	0.7 − 53	58 7.2
13 2.5	−54.2	C.P.D.	−53° 5486	13	1	9.9	−53	56.8	7.8	17860	13	2.7 − 54	5 7
12 13.5	−54.6	C.P.D.	−54° 5113	12	12	30.4	−54	26.8	7.1	16793	12	13.6 − 54	35 5.8
12 25.0	−54.9	C.P.D.	−54° 5225	12	23	59.4	−54	39.0	8.3	17042	12	25.4 − 54	47 8.2
12 45.0	−55.0	C.P.D.	−54° 5346	12	43	52.0	−54	43.7	8.0				
12 49.0	−54.8	C.P.D.	−54° 5369	12	47	31.5	−54	27.8	8.4				
12 50.4	−55.1	C.P.D.	−54° 5376	12	49	0.5	−54	53.0	8.3	17580	12	50.4 − 55	1 7
13 9.0	−54.6	C.P.D.	−54° 5502	13	7	31.5	−54	18.4	8.3	18006	13	9.0 − 54	26 8
12 22.0	−55.4	C.P.D.	−55° 5063	12	20	27.5	−55	2.6	7.4	16966 / 16967	12	22.1 − 55	16 8.8 / 14 7.8
12 32.5	−55.5	C.P.D.	−55° 5161	12	31	7.1	−55	14.5	7.2	17188	12	32.5 − 55	23 7.3
12 37.2	−55.4	C.P.D.	−55° 5194	12	35	44.7	−55	15.6	6.8	17301	12	37.1 − 55	24 6.5
		C.P.D.	−55° 5288	12	49	23.2	−55	6.1	8.2	Assuming Dec. to be 21.5, 16.5; there is a star marked there.			
12 54.0	−55.2	C.P.D.	−54° 5398	12	52	20.4	−54	57.1	8.6	17666	12	53.9 − 55	22 8.2
12 54.0	−55.5	C.P.D.	−55° 5316 / 5317	12	52	25.7 / 27.2	−55	14.2 / 14.3	8.1 / 8.2	17667	12	53.9 − 55	22 9
12 56.0	−55.1	C.P.D.	−54° 5409	12	54	32.4	−54	54.0	8.4	17715	12	56.1 − 55	2 8.8
13 0.2	−55.1	C.P.D.	−54° 5437	12	58	47.1	−54	56.6	8.0	17803	13	0.3 − 55	4 6.9
13 15.8	−55.0	C.P.D.	−54° 5559	13	14	4.5	−54	45.7	7.9	18161	13	15.6 − 54	54 7.5
12 16.4	−55.8	C.P.D.	−55° 5019	12	15	13.5	−55	40.8	7.9	16846	12	16.5 − 55	49 6.7
12 23.5	−55.9	C.P.D.	−55° 5084	12	21	45.5	−55	42.5	7.2	16992	12	23.2 − 55	50 6.2
12 26.5	−55.8	C.P.D.	−55° 5117	12	25	7.0	−55	35.9	7.6	17074	12	26.5 − 55	44 7.8
12 37.6	−55.6	C.P.D.	−55° 5197	12	36	3.7	−55	29.4	6.6	17308	12	37.5 − 55	37 6.6
12 39.0	−55.9	C.P.D.	−55° 5208	12	38	2.2	−55	38.7	8.6				
12 38.0	−55.7	C.P.D.	−55° 5201	12	37	5.7	−55	32.8	8.4				
12 40.4	−55.9	C.P.D.	−55° 5215	12	39	13.7	−55	48.2	5.0	17390	12	40.6 − 55	56 5.4
12 51.2	−55.8	C.P.D.	−55° 5296	12	50	2.7	−55	37.8	8.5	17612	12	51.5 − 55	46 7.5

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t	He	Cl.	Rem.	Kline Int.		
22.3	17.9	a		K=H	1	12
22.9	19.2	a		H	2	1
23.1	8.7	He		H	2	1
23.2	9.9	a		H	2	1
24.1	9.1	Ha		K=H	4	1
24.5	12.8	a		H	2	1
24.2	15.5	a		H	3	1
23.6	15.8	a	1423	H	3	1
23.3	17.6	He		H	1	1
23.3	18.0	F	1424	K=H	1	1
24.3	18.2	a		H	1	1
23.6	19.2	a		He	2	1
23.8	19.6	a		K=H	1	1
24.1	20.1	He		H	1	1

α 25m.

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1900								A.G.C. No.	R.A.	Dec.	Magn.
h m s °									h m ° ′		
12 57.4 – 55.7	C.P.D.	-55° 5348	12	55	44.1	-55	26.2	8.1	17735	12 57.2	-55 34	8.2
13 2.0 – 56.0	C.P.D.	-55° 5389	13	0	29.4	-55	43.0	7.5	17850	13 2.0	-55 51	7.5
12 24.2 – 55.9	C.P.D.	-55° 5097	12	23	1.0	-55	50.0	7.8	17014	12 24.4	-55 58	5.9
12 28.6 – 56.1	C.P.D.	-55° 5133	12	27	2.0	-55	53.0	7.6	17114	12 28.4	-56 1	7.8
12 25.5 – 56.6	C.P.D.	-56° 5272	12	24	13.8	-56	24.8	4.8	17048	12 25.6	-56 33	2.0
12 38.5 – 56.9	C.P.D.	-56° 5410	12	37	26.1	-56	36.1	7.5	17346	12 38.8	-56 44	7.1
12 48.8 – 56.7	C.P.D.	-56° 5487	12	47	16.3	-56	29.7	4.1	17541 17542	12 48.8	-56 38 37	4.4 5.5
12 50.0 – 56.3	C.P.D.	-56° 5498	12	48	36.1	-56	9.5	6.0	17572	12 50.1	-56 17	6.0
12 56.7 – 56.2	C.P.D.	-55° 5337	12	54	52.7	-55	57.8	8.5	17722	12 56.4	-56 4	7.8
12 58.0 – 56.2	C.P.D.	-56° 5354	12	56	8.8	-55	58.4	8.2	17742	12 57.6	-56 6	7.8
12 59.0 – 56.7	C.P.D.	-56° 5557	12	57	26.6	-56	23.0	8.1	17770	12 58.9	-56 31	8
13 2.5 – 56.3	C.P.D.	-56° 5593	13	0	28.7	-56	1.0	7.6	17848	13 2.0	-56 9	10
13 4.2 – 56.4	C.P.D.	-56° 5609	13	2	9.9	-56	5.9	8.2				
13 6.0 – 56.5	C.P.D.	-56° 5624	13	3	59.2	-56	14.6	8.2	17932	13 5.9	-56 25	8.2

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8

RA. 13h 19m Dec. -51.7

January. 31 1893

2h 22m 00s

Plate 3417

D	76	Cl.	Nebs.	Remarks	Kline	Int.	
1.8	5.8	a			N	2	1
4.7	8.2	a			K=H	2	1
3.9	13.6	I			K=H	2	
5.0	15.5	a	1425		N	2	
3.7	17.1	a			N	1	
6.1	5.4	F	1426		K=H	1	
6.7	8.1	a			K=H	1	1
6.4	9.9	a			N	1	
5.4	12.5	a			N	2	
6.0	14.3	a			K=4	2	
5.9	14.6	H			N	1	
5.8	15.1	a			N	1	
5.9	16.4	a			N	2	
5.7	17.6	a			N	1	
6.6	18.6	a			N	2	
7.0	23.8	F	1427		K=H	2	
7.2	8.8	B	1428		N	3	
7.3	9.8	F	1429		K=H	1	
8.0	11.6	I			K=H	3	
7.2	14.4	a			N	2	
7.6	15.3	a			N	2	
8.0	16.1	a			K=H	1	
7.2	18.4	a			K=H	1	
7.7	18.6	F	1430		K=H	1	
7.8	21.7	F	1431		K=H	2	
8.5	13.5	F	1432		K=H	1	
8.3	15.6	a			N	2	

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1900

								A.G.C. No	R.A.	Dec	Magn.
12h 52.5m	−46.6°	CPM −46° 8291	12 51.1	−46 23.4	7.3	17635	12h 52.5m	−46° 31′	7.0		
12 59.5	−46.6	CPM −46° 8383	12 57.9	−46 26.7	6.9	17786	12 59.3	−46 35	6.9		
13 15.2	−46.4	CPM −46° 8580	13 13.6	−46 13.5	6.4	18150	13 15.1	−46 21	6.4		
13 20.9	−46.9	CPM −46° 8647	13 19.3	−46 49.3	neb	18278	13 20.8	−46 57	4		
13 25.5	−46.3	CPM −46° 8696	13 24.0	−46 5.2	8.2	18381	13 25.5	−46 13	7.7		
12 51.0	−47.2	CPM −47° 7972	12 49.6	−47 0.6	7.0	17595	12 51.0	−47 9	7.0		
12 58.0	−47.7	CPM −47° 8064	12 57.3	−47 27.5	7.7	17768	12 58.7	−47 36	7.8		
						17895	13 4.0	−47 31	8.5		
13 3.4	−47.7	CPM −47° 8122	13 2.6	−47 23.0	8.8	~~17886~~	~~13 3.6~~	~~−47 59~~	~~7.8~~		
13 11.9	−47.1	CPM −46° 8538	13 10.4	−46 55.9	6.9	18076	13 11.9	−47 4	6.9		
13 17.2	−47.5	CPM −47° 8260	13 15.5	−47 17.1	6.6	18195	13 16.9	−47 25	6.6		
13 17.7	−47.4	CPM −47° 8273	13 16.4	−47 14.1	7.0	18218	13 17.9	−47 22	7.0		
13 19.6	−47.4	CPM −47° 8295	13 18.3	−47 10.0	8.3	18258	13 19.8	−47 18	8		
13 23.5	−47.4	CPM −47° 8365	13 22.1	−47 13.4	7.3	18343	13 23.6	−47 22	7.0		
13 27.1	−47.3	CPM −47° 8401	13 25.6	−47 7.8	8.2	18419	13 27.1	−47 16	7.8		
13 28.2	−47.8	CPM −47° 8417	13 26.9	−47 37.6	6.7	18455	13 28.4	−47 46	6.7		
13 46.0	−47.8	CPM −47° 8662 8664	13 43.8	−47 40.4 40.5	7.5 7.5	18808 18809	13 45.3 13 45.3	−47 48 −47 49	7.5 7.5		
13 0.2	−47.9	CPM −47° 8088	12 59.0	−47 47.6	5.3	17811	13 0.4	−47 56	5.3		
13 3.5	−48.1	CPM −47° 8120	13 2.2	−47 51.4	8.0	17886	13 3.6	−47 59	7.8		
13 8.8	−48.5	CPM −48° 8050	13 7.4	−48 17.5	6.4	18002	13 8.9	−48 25	6.4		
13 17.5	−48.1	CPM −47° 8261	13 15.6	−47 54.5	6.6	18198	13 17.1	−48 2	6.6		
13 20.2	−48.3	CPM −48° 8188	13 18.8	−48 7.9	7.0	18264	13 20.3	−48 16	7.0		
13 22.5	−48.5	CPM −48° 8228	13 21.0	−48 19.2	8.2	18320	13 22.5	−48 27	8		
						18476	13 29.5	−48 1	8		
13 28.2	−47.8	CPM −47° 8437	13 28.0	−47 52.5	8.3	~~18455~~	~~13 28.4~~	~~−47 46~~	~~6.7~~		
13 29.5	−48.2	CPM −48° 8328	13 28.6	−48 9.6	8.6	18476	13 30.1	−48 18	7.5		
13 39.9	−48.4	CPM −48° 8459	13 37.7	−48 9.8	7.2	18672	13 39.2	−48 18	7.2		
13 14.2	−48.8	CPM −48° 8118	13 13.0	−48 33.9	8.3						
13 21.0	−48.7	CPM −48° 8202	13 19.6	−48 29.6	6.8	18285	13 21.1	−48 38	6.8		

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Plate 3417

				No.		
	h.	m.	Cl.	Rem.	Kline Int.	
8.7	15.7	B	1433	N	3	1
8.1	19.6	H		N	1	1
9.0	19.4	H		N	1	1
8.5	20.5	a		K=H	1	
8.6	22.4	a		K=H	1	
9.3	8.0	a		N	3	1
9.9	9.2	B	1434	N	3	1
9.7	9.4	a		N	1	
9.2	9.8	a		N	1	
9.8	13.0	a		N	2	
9.9	14.0	a		N	2	
9.6	14.6	I		K=H	2	
9.3	15.6	a		N	1	
9.8	18.0	H		N	1	1
9.9	19.7	Mb		N	2	1
11.0	12.0	G		K=H	1	
10.5	12.7	a		N	1	
11.0	14.9	a		K=H	1	
10.7	19.1	a		N	2	
10.7	22.1	a		N	2	1
10.4	22.2	a		K=H	1	
10.7	22.3	H		K=H	2	
11.4	11.3	a		N	3	
11.8	12.2	a		N	1	
11.6	18.0	H		N	1	
11.1	19.8	H		N	1	
11.6	20.6	H		N	1	

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A.G.C.

1900															
h m °										h m ° ′					
13 21.5	-48.9	CPM	-48° 8206	13	19.8	-48	43.8	6.7	18294	13	21.3	-48	52′	6.7	
13 33.5	-48.6	CPM	-48° 8375	13	31.6	-48	21.7	8.1							
13 33.0	-49.1	CPM	-48° 8367	13	31.1	-48	51.4	7.8	18541	13	32.6	-48	59	7.5	
13 36.1	-48.7	CPM	-48° 8413	13	34.2	-48	29.2	8.4	~~18602~~	~~13~~	~~35.9~~	~~48~~	~~55~~	~~8.8~~	
13 42.4	-48.8	CPM	-48° 8487	13	40.1	-48	32.3	8.0	18724	13	41.6	-48	40	8.5	
12 57.8	-48.9	CPM	-48° 7887	12	56.3	-48	51.2	5.5	17747	12	57.7	-48	59	5.8	
13 0.5	-49.4	CPM	-49° 7644	12	59.6	-48	14.2	4.8	17826	13	1.0	-49	22	48	7 2 Centauri
13 1.5	-49.3	CPM	-49° 7653	13	0.4	-49	3.4	9.0	~~17826~~	13	~~40~~	49	~~22~~	~~4.8~~	
13 3.1	-49.0	CPM	-48° 7952	13	1.8	-48	49.8	7.9							
13 12.5	-49.4	CPM	-49° 8803	13	11.3	-49	13.1	7.5	18100	13	12.8	-49	21	7.2	
13 16.0	-49.4	CPM	-49° 7856	13	14.5	-49	15.4	8.4	18171	13	16.0	-49	23	8.5	
13 18.0	-49.4	CPM	-49° 7884	13	16.4	-49	10.0	7.3	18217	13	17.9	-49	18	7	
13 20.7	-49.2	CPM	-48° 8195	13	19.2	-48	58.0	8.5							
13 28.2	-49.4	CPM	-49° 8030	13	27.0	-49	13.1	7.7							
13 32.6	-49.1	CPM	-49° 8095	13	32.3	-49	18.9	6.8	~~18541~~ 66	~~13~~	~~32.6~~ 33.8	~~-48~~ -49	~~59~~ 27	~~7.5~~ 6.8	
13 10.0	-50.1	CPM	-49° 7760	13	8.3	-49	49.7	8.7	~~18035~~	~~13~~	~~10.1~~	~~50~~	~~22~~	~~8.2~~	
13 11.4	-49.8	CPM	-49° 7790	13	10.4	-49	32.3	8.8	18078	13	11.9	-49	40	8.2	
13 18.4	-50.2	CPM	-49° 7900	13	17.1	-49	56.3	8.4	18236	13	18.6	-50	3	8	
13 31.6	-49.9	CPM	-49° 8074	13	30.4	-49	42.7	6.9	18525	13	31.9	-49	51	6.9	
13 41.1	-49.9	CPM	-49° 8194	13	39.6	-49	37.4	6.7	~~18720~~ 16	13	41.~~6~~ 7	-49	~~50~~ 45	~~6.0~~ 6.7	
									~~18721~~				~~38~~	~~7.8~~	
13 41.6	-49.9	CPM	-49° 8199	13	39.8	-49	30.0	7.0	~~18725~~ 18721	~~13~~ 13	~~41.7~~ 41.4	~~-49~~ -49	~~40~~ 38	~~7.8~~ 7.8	
13 41.6	-49.7	CPM	-49° 8198	13	39.8	-49	41.8	6.0	18728	13	41.~~8~~ 4	-49	~~40~~ 5	~~7.5~~ 6.0	
13 7.2	-50.2	CPM	-50° 7589	13	6.0	-50	2.2	6.2	17963	13	7.5	-50	10	6.4	
13 10.0	-50.4	CPM	-50° 7622	13	8.6	-50	14.0	8.5	18034 5	13	10.1	-50	22	8.2	
13 29.0	-50.4	CPM	-50° 7882	13	27.1	-50	9.0	7.5	18462	13	28.6	-50	17	7.5	
13 33.8	-50.1	CPM	-49° 8099	13	32.5	-49	54.2	7.8	18570	13	34.0	-50	2	7.5	
13 36.4	-50.3	CPM	-50° 7983	13	35.1	-50	9.5	6.5	18614	13	36.6	-50	17	7.0	

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Plate 3417

V	Hb	Cl.	Rem.	No.	K	Line Int.
12.7	6.2	a			N	3
12.5	13.0	a			N	2
12.5	14.1	a			N	2
12.9	14.9	a			N	2
12.3	15.2	a			N	2
12.9	15.2	a			N	2
12.2	16.3	a			K=.3	3
12.1	21.0	a			N	2
12.9	21.7	G			K=H	3
13.5	10.1	a			N	1
13.6	11.9	F		1435	K=H	1
13.3	13.8	a			N	2
13.6	14.8	H			N	1
13.6	15.0	Cont.		1436	N	2
13.6	15.1	a			K=.3	2
13.5	17.0	a			K=H	1
13.1	19.1	a			N	1
13.5	20.4	a			N	1
14.4	9.0	Ma			N	1
14.8	11.5	a			K=H	1
14.7	12.3	E			K=H	2
14.2	14.2	a		1437	N	3
14.6	15.1	a			N	1
14.4	19.2	a			N	1
14.7	21.7	a			N	2
14.6	24.2	a			N	2
15.6	9.7	a			N	1

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1900

								A.G.C. No.	R.A.	Dec.	Magn.
12	51.4	−50.7	CPM −50°7394	12	49.9	−50	31.1	5.8	17608	12 51.3	−50 39	5.8
13	12.5	−50.8	CPM −50°7660	13	11.1	−50	37.4	6.7	18093	13 12.6	−50 46	6.7
13	16.0	−50.9	CPM −50°7708	13	14.4	−50	37.5	7.0	18169	13 15.9	−50 46	7
13	18.2	−51.1	CPM −50°7747	13	17.0	−50	51.3	7.3	18289	13 18.8	−50 59	7.2
13	19.9	−50.8	CPM −50°7764	13	18.3	−50	31.6	8.1	18260	13 19.9	−50 58	7.5
13	20.1	−51.1	CPM −50°7765	13	18.4	−50	49.5	7.4	18260	13 19.9	−50 58	7.5
13	23.1	−50.7	CPM −50°7812	13	21.8	−50	31.0	5.8	18332	13 23.3	−50 39	5.8
13	37.7	−50.6	CPM −50°7998	13	36.4	−50	22.7	7.0	18646	13 38.0	−50 31	6.9
13	40.5	−50.9	CPM −50°8017	13	38.8	−50	48.4	5.2	18700	13 40.4	−50 56	5.2
13	3.1	−51.2	CPM −51°7300	13	2.0	−51	0.8	8.0	17879	13 3.4	−51 9	9
13	9.0	−51.4	CPM −51°7375	13	8.5	−51	8.4	7.7	18004	13 9.0	−51 16	7.5
13	15.0	−51.2	CPM −51°7453	13	13.6	−51	0.8	7.4	18151	13 15.1	−51 9	7.2
13	18.1	−51.5	CPM −51°7488	13	16.8	−51	13.4	7.1	18229	13 18.3	−51 21	7.2
13	19.0	−51.5	CPM −51°7500	13	17.6	−51	11.4	8.0	18245 18246	13 19.1	−51 19	7.4 8.5
13	19.5	−51.5	CPM −51°7504	13	17.7	−51	14.2	7.6	18252	13 19.7	−51 22	7.8
13	25.7	−51.4	CPM −51°7566	13	23.9	−51	7.5	8.7	18393	13 25.8	−51 20	7.8
13	31.8	−51.2	CPM −50°7928	13	30.7	−50	54.8	8.9				
13	36.0	−51.3	CPM −50°7991	13	35.9	−50	59.7	8.5	18607	13 36.1	−51 9	9
12	59.5	−51.6	CPM −51°7248	12	58.2	−51	26.6	6.9	17792	12 57.7	−51 35	6.9
13	7.2	−51.9	CPM −51°7359	13	6.0	−51	44.4	8.5				
13	10.0	−51.9	CPM −51°7391	13	8.7	−51	45.1	7.1	18037	13 10.2	−51 53	7.1
13	16.2	−51.8	CPM −51°7465	13	14.7	−51	32.0	6.5	18178	13 16.2	−51 40	6.5
13	19.6	−51.9	CPM −51°7508	13	17.9	−51	42.6	8.2	18252	13 19.4	−51 51	8
13	32.8	−51.8	CPM −51°7640	13	31.2	−51	34.1	7.9				
13	40.6	−51.8	CPM −51°7732	13	39.2	−51	38.5	7.4	18709	13 40.8	−51 47	7.4
13	48.5	−51.7	CPM −51°7832	13	47.2	−51	32.8	6.1	18887	13 48.8	−51 41	6.1
13	1.4	−52.3	CPD −52°6187	13	0.0	−52	4.9	8.3	17837	13 1.6	−52 13	7.5

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h.	Hb.	Cl.	Rem.	No.	Kind	Int.
15.1	14.8	a			N	2
15.8	10.8	Hb			N	1
15.6	11.0	Hb			N	1
15.3	13.7	B		1438	N	3
15.3	16.4	Mw			N	1
16.0	17.0	a			N	1
15.2	18.0	a			N	1
15.4	18.3	a			K=H	1
15.1	21.4	a			K=H	1
15.8	23.2	a			N	3
15.9	22.2	a			N	1
16.9	5.5	a			N	2
16.9	9.9	a			N	3
16.3	16.1	a			K=H	1
16.3	18.5	a			K=H	1
16.7	19.4	a			N	5
16.7	21.6	Hb			N	1
16.7	23.5	a			K=H	2
17.5	14.8	a			N	2
17.9	14.8	a			N	2
17.6	14.9	Hb			N	1
17.4	15.5	a			N	2
17.9	16.4	a		1439	N	2
17.7	16.6	Hb			N	1
17.1	19.5	F		1440	K=H	1
18.7	7.2	a			N	2
18.7	9.7	a			N	1

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1900

							A.G.C. No.	R.A.	Dec.	Magn
13 5.1	−52.1	CDM −51° 7329	13 3.5	−51 54.0	6.5		17913	13 5.0	−52 2	6.5
13 4.5	−52.4	CPD −52° 6258	13 3.4	−52 14.4	8.0		17910	13 4.9	−52 22	var.
13 5.9	−52.3	CPD −52° 6276	13 4.4	−52 8.8	8.4		17934	13 5.9	−52 17	7.6
13 14.5	−52.2	CPD −52° 6405	13 13.1	−52 5.4	6.3		18139	13 14.5	−52 13	6.1
13 23.9	−52.3	CPD −52° 6516	13 21.9	−52 6.6	8.0		18338	13 23.4	−52 15	7.2
13 25.6	−52.7	CPD −52° 6544	13 24.1	−52 22.5	8.2					
13 29.2	−52.3	CDM −52° 7601	13 27.5	−51 59.9	8.6					
13 30.1	−52.4	CPD −52° 6597	13 28.3	−52 4.4	7.8					
13 39.6	−52.1	CDM −52° 7724	13 38.2	−51 53.2	8.1		18689	13 39.8	−52 1	8
13 45.5	−52.4	CPD −52° 6787	13 44.0	−52 11.4	5.7		18817	13 45.6	−52 19	5.9
13 42.1	−52.4	CPD −52° 6759	13 40.8	−52 12.3	7.5					
12 46.6	−52.8	CPD −52° 5989	13 46.0	−52 32.7	7.6					
13 1.7	−52.9	CPD −52° 6194	13 0.2	−52 47.4	6.6		17844	13 1.7	−52 55	6.1
13 23.0	−52.8	CPD −52° 6511	13 20.9	−52 33.4	7.7					
13 30.4	−52.8	CPD −52° 6607	13 28.9	−52 33.0	7.8					
13 33.6	−52.9	CPD −52° 6655	13 32.0	−51 49.9	3.0		18559	13 33.6	−52 58	2.6
13 41.0	−52.9	CPD −52° 6740	13 39.0	−52 39.3	7.6		18706	13 40.7	−52 47	8
13 47.0	−52.9	CPD −52° ~~6787~~ 6805	13 ~~44.0~~ 45.6	−52 ~~11.4~~ 45.4	~~5.7~~ 6.7		18849	13 47.2	−52 53	6.5
13 18.0	−53.4	CPD −53° 5586	13 16.5	−53 8.3	7.3		18219	13 18.0	−53 16	7.4
13 18.8	−53.6	CPD −53° 5591	13 16.7	−53 20.7	7.9		18224	13 18.2	−53 29	8.2
13 18.6	−53.5	CPD −53° 5593	13 16.9	−53 15.7	8.2		18233	13 18.4	−53 24	7.4
13 21.0	−53.5	CPD −53° 5613	13 19.2	−53 8.1	7.9		18275 ~~18291~~	13 20.7 ~~13 21.2~~	−53 16 ~~−53 38~~	7.8 ~~7.5~~
13 23.4	−53.7	CPD −53° 5639	13 21.9	−53 21.2	7.6		18339	13 23.4	−53 29	7.5
13 23.9	−53.6	CPD −53° 5643	13 22.7	−53 17.1	8.4		18357	13 24.2	−53 25	7.2
13 34.1	−53.5	CPD −53° 5717	13 32.5	−53 13.6	7.6					
12 52.5	−53.8	CPD −53° 5405	12 50.9	−53 30.5	7.5		17631	12 52.3	−53 39	8.5
13 1.1	−53.9	CPD −53° 5464	12 59.2	−53 37.2	8.0		17814 ~~17816~~	13 0.7 ~~13 0.7~~	−53 45 ~~−53 58~~	8.5 ~~7.2~~

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		& He Cl. Run	No.	Klum Int.	
18.2	15.7	a	H	1	
18.2	15.9	a	K=H	1	
18.2	19.3	a	H	2	
19.0	19.8	a	H	3	
18.6	24.2	a	H	2	
19.5	6.9	a	H	2	
19.3	10.3	F	1441	K=H	1
19.7	12.2	H6		H	1
19.9	19.0	a		H	2
19.4	21.2	a		H	2
20.3	5.9	H6		K=H	2
20.7	14.2	a		H	1
21.5	6.9	H6		H	1
21.3	9.8	H6		H	1
21.4	13.9	F	1442	K=H	2
21.4	15.9	F	1443	K=H	1
22.0	21.4	a		H	2
22.8	10.3	a		H	2
22.5	18.7	a		H	2
23.4	9.2	H6		H	1
23.5	10.4	a		H	2
24.0	12.7	a		H	2
23.3	16.4	a		H	1
23.5	19.9	a		H	3

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1900								A.G.C. No.	R.A.	Dec.	Magn.
h m 13 22.1	− 53.8	CPD −53° 5615	13 19.7	−53	30.1	8.2		18362 291	h m 13 21.9	− 53° 39′	7.5
13 23.0	− 53.9	CPD −53° 5622	13 20.4	−53	30.9	8.2		18302	13 21.9	−53 39	9
13 33.2	− 53.8	CPD −53° 5712	13 31.8	−53	30.6	7.6		18556	13 33.4	− 53 39	7.8
13 35.1	− 54.1	CPD −53° 5725	13 33.7	−53	55.5	6.1		18587 18588	13 35.4	− 54 3 4	6.2 7.5
13 50.0	− 53.7	CPD −53° 5805	13 48.1	−53	30.9	6.9		18904	13 49.7	− 53 38	6.6
12 51.0	− 54.1	CPD −53° 5397	12 49.7	−53	54.9	7.1		17597	13 51.1	−54 4 3	6.8
13 3.0	− 54.2	CPD −53° 5486	13 1.2	−53	56.8	7.8		17860	13 2.7	− 54 5	7
13 9.6	− 54.6	CPD −54° 5382	13 7.5	−54	18.4	8.3		18006	13 9.0	−54 26	8
13 33.0	− 54.7	CPD −54° 5680	13 30.9	−54	23.2	7.8		18534	13 32.5	−54 31	7.3
13 39.2	− 54.2	CPD −54° 5725	13 38.2	−54	3.3	7.0		18688	13 39.8	−54 11	6.8
12 47.5	− 54.4	CPD −54° 5360	12 45.9	−54	16.3	7.7		17502	12 47.3	−54 24	6.5
13 15.5	− 55.0	CPD −54° 5559	13 14.1	−54	45.7	7.9		18161	13 15.6	− 54 54	7.5
12 50.7	− 55.2	CPD −54° 5376	12 49.0	−54	53.0	8.3		17588	12 50.9	− 55 14	8.5 7
13 0.1	− 55.1	CPD −54° 5437	12 58.8	−54	56.6	8.0		17803	13 0.3	− 55 4	6.9
13 14.5	− 55.3	CPD −55° 5504	13 13.1	−55	8.7	6.8		18140	13 14.6	− 55 17	6.7
13 22.5	− 55.3	CPD −55° 5570	13 20.5	−55	7.8	7.9		18307	13 22.1	− 55 16	7.8
13 41.5	− 55.6	CPD −55° 5733	13 39.8	−55	20.0	7.6		18719	13 41.4	− 55 28	7.5
13 1.7	− 55.9	CPD −55° 5389	13 0.5	−55	43.6	7.5		17850	13 2.0	− 55 51	7.5
13 31.4	− 55.9	CPD −55° 5658	13 30.1	−55	35.0	8.0					
12 58.2	− 56.2	CPD −55° 5354	12 56.1	−55	57.4	8.2		17742	12 57.6	−56 6	7.8 Magn.?
13 2.5	− 56.2	CPD −56° 5593	13 0.5	−56	1.0	7.6		17848 17849	13 2.0	− 56 9	10 8
13 10.1	− 56.6	CPD −56° 5673	13 8.4	−56	23.9	7.8		18027 18028	13 9.9	− 56 32	7.6 Magn.? 10
13 25.0	− 56.2	CPD −56° 5788	13 22.2	−56	1.7	8.1		18345	13 23.8	−56 10	8
13 36.1	− 56.3	CPD −56° 5891	13 34.8	−56	8.1	6.8		18612	13 36.4	− 56 16	6.5

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This plate duplicate of 3417 and a better plate.

R.A. 13h 26m Dec. -51.5°

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Plate 5272.

V	Hb	Cl.	Diss.	Klinefelter	
5.5	5.9	a		K=H	2
4.8	11.4	d		K=H	2
5.9	13.3	a	1444	N	2
4.6	14.9	a		N	1
4.8	15.4	a		N	1
5.6	15.2	F	1445	K=H	1
5.2	16.8	a		N	1
4.0	16.9	a		N	3
4.1	20.0	a		N	1
5.7	19.4	H		N	1
5.3	20.7	H		N	1
5.2	21.8	B	1446	N	3
5.7	22.5	a	1447	N	2
5.8	23.0	a		N	1
5.9	23.1	a		N	5
5.7	23.8	a		N	1
4.8	23.5	H		K=H	2
4.5	23.7	a		N	2
5.8	8.0	a		K=H	1
6.2	10.3	a		N	2
6.8	12.1	a		K=.3	3
6.7	12.5	H		K=H	2
6.6	13.0	a		N	2
6.7	14.3	a		K=.1	2
6.6	15.4	a		N	1
6.5	16.4	a		N	1
6.2	16.8	a		N	1

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1900					A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
12h 59m.5	−46°.6	C.P.M. −46°8383	12 57.9	−46 26.7	6.9	17786	12h 59m.3	−46° 35′ 6.9
13 14.7	−46.4	CPM −46°8580	13 12.6	−46 13.5	6.4	18150	13 15.1	−46 21 6.4
13 20.5	−46.9	CPM −46°8646	13 19.3	−46 49.3	meb	18278	13 20.8	−46 57 4
13 25.4	−46.3	CPM −46°8696	13 24.0	−46 5.2	8.2	18381	13 25.5	−46 13 7.7
13 27.0	−46.4	CPM −46°8713	13 25.5	−46 12.8	8.8	18418	13 27.0	−46 21 8.2
13 26.1	−46.8	CPM −46°8708	13 24.9	−46 37.3	7.3	18404	13 26.4	−46 45 7
13 31.1	−46.6	CPM −46°8770	13 31.2	−46 20.0	8.1	~~18501~~	~~13 31.1~~	~~−46 31 7.8~~
13 31.2	−45.9	CPM −45°8578	13 29.9	−45 47.2	6.3	18509	13 31.4	−45 55 6.3
13 40.0	−45.9	CPM −45°8687	13 38.6	−45 44.1	7.8			
13 39.1	−46.8	CPM −46°8831	13 37.0	−46 35.2	7.2	18655	13 38.5	−46 43 7.6
13 42.1	−46.6	CPM −46°8870	13 41.0	−46 21.0	7.6	18746	13 42.5	−46 29 8
13 45.5	−46.4	CPM −46°8909	13 44.0	−46 16.4	6.2	18819	13 45.6	−46 25 6.2
13 47.5	−46.7	CPM −46°8931	13 46.2	−46 30.6	6.6	18859	13 47.7	−46 39 6.6
13 49.0	−46.7	CPM −46°8944	13 47.5	−46 28.3	7.6	18892	13 48.9	−46 37 7.1
13 49.5	−46.8	CPM −46°8949	13 47.8	−46 40.4	2.7	18897	13 49.3	−46 47 2.7
13 51.9	−46.7	CPM −46°8973	13 49.9	−46 24.0	7.7	18944	13 51.5	−46 31 7.8
13 50.1	−46.2	CPM −45°8815	13 48.6	−45 58.4	6.6	18919	13 50.1	−46 6 6.6
13 50.4	−46.0	CPM −45°8822	13 49.0	−45 46.1	7.3	18929	13 50.5	−45 53 7.0
13 5.4	−46.8	CPM −46°8545	13 3.9	−46 37.2	8.5			
13 11.9	−47.1	CPM −46°8538	13 10.4	−46 55.9	6.9	18076	13 11.9	−47 4 6.9
13 17.1	−47.5	CPM −47°8260	13 15.5	−47 17.1	6.6	18195	13 16.9	−47 25 6.6
13 17.7	−47.5	CPM −47°8272	13 16.4	−47 14.1	7.0	18218	13 17.9	−47 22 7.0
13 19.9	−47.4	CPM −47°8295	13 18.3	−47 10.0	8.3	18258	13 19.8	−47 18 8
13 23.5	−47.4	CPM −47°8365	13 22.1	−47 13.4	7.3	18343	13 23.6	−47 22 7.0
13 27.1	−47.4	CPM −47°8401	13 25.6	−47 7.8	8.2	18419	13 27.1	−47 16 7.8
13 30.1	−47.4	CPM −47°8445	13 28.5	−47 3.2	9.3			
13 31.6	−47.2	CPM −46°8758	13 29.8	−46 53.9	8.6			

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Plate 5272

	&	H	Cl.	Diff.	Remarks	
7.0	17.1	a		K=H	1	
6.3	20.6	a		N	1	
7.6	5.9	a		N	1	
8.0	6.6	B	1448	N	3	
7.3	7.7	a		N	1	
8.0	12.1	a		N	2	
7.3	15.0	H		N	1	
7.5	15.9	a		N	3	
8.0	16.2	a		K=H	1	
7.9	17.6	F	1449	K=H	1	
7.9	21.6	F	1450	K=H	2	
7.1	21.8	F	1451	K=H	2	
7.7	22.6	a		N	2	
8.1	7.6	F	1452	K=H	2	
8.8	9.4	F		K=H	2	
8.5	13.2	a		K=.1	2	
8.9	13.9	F	1453	K=H	1	
8.6	16.4	a		N	1	
9.0	17.4	H		N	1	
8.7	19.5	F	1454	K=H	2	
8.7	22.4	a		K=.5	2	
8.5	23.8	F	1455	K=H	1	
10.0	7.6	a		N	2	
9.4	11.3	a		N	1	
9.7	13.2	a		N	1	
9.1	13.5	a		N	3	
9.6	13.6	B	1456	N	3	

h
23 00

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1900					A.G.C. No	1900 R.A.	1900 Dec.	Magn.
h m °								
13 32.5 −47.6	CDM −47° 8466	13 30.6	−47 19.6	8.6				
13 41.5 −47.1	CDM −46° 8765	13 40.6	−46 51.3	8.3				
12 58.9 −47.7	CDM −47° 8064	12 57.3	−47 27.5	7.7	17768	12 58.7	−47 36	7.8
13 0.1 −47.9	CDM −47° 8088	12 59.0	−47 47.6	5.3	17811	13 0.4	−47 56	5.3
13 3.5 −47.7	CDM −47° 8122	13 2.6	−47 23.0	8.8	~~17895~~ ~~17886~~	~~13 4.0~~ ~~13 3.6~~	~~−47 31~~ ~~−47 59~~	~~8.5~~ ~~7.8~~
13 17.4 −48.1	CDM −47° 8261	13 15.6	−47 54.5	6.6	18198	13 17.1	−48 2	6.6
13 25.9 −47.8	CDM −47° 8383	13 24.0	−47 30.6	7.5	18383	13 25.5	−47 38	8.2
13 28.2 −47.8	CDM −47° 8417	13 26.9	−47 37.6	6.7	18455	13 28.4	−47 46	6.7
13 29.5 −48.1	CDM −47° 8437	13 28.0	−47 52.6	8.3	18476	13 29.5	−48 1	8
13 33.9 −48.1	CDM −47° 8489	13 32.2	−47 47.9	7.6				
13 45.0 −47.9	CDM −47° 8662 8664	13 43.8	−47 40.4 40.5	7.5 7.5	18808 18809	13 45.3	−47 48 49	7.5 7.5
13 45.5 −47.5	CDM −47° 8670	13 44.3	−47 14.7	7.5	18824	13 45.8	−47 23	7.2
13 48.1 −47.8	CDM −47° 8714	13 46.9	−47 31.0	7.5	18879	13 48.5	−47 39	7.3
13 3.4 −48.1	CDM −47° 8120	13 2.2	−47 51.4	8.0	17886	13 3.6	−47 59	7.8
13 8.6 −48.5	CDM −48° 8050	13 7.4	−48 17.5	6.4	18002	13 8.9	−48 25	6.4
13 20.1 −48.3	CDM −48° 8188	13 18.8	−48 7.9	7.0	18264	13 20.3	−48 16	7.0
13 22.6 −48.6	CDM −48° 8228	13 21.0	−48 19.2	8.2	18320	13 22.5	−48 27	8
13 30.1 −48.4	CDM −48° 8328	13 28.6	−48 9.6	8.6	18486	13 30.1	−48 18	7.5
13 33.0 −48.7	CDM −48° 8375	13 31.6	−48 21.7	8.1	~~18541~~	~~13 32.6~~	~~−48 59~~	~~7.5~~
13 39.6 −48.5	CDM −48° 8457	13 37.7	−48 9.8	7.2	18672	13 39.2	−48 18	7.2
13 47.6 −48.3	CDM −48° 8578	13 46.5	−48 4.6	7.6	18869	13 48.1	−48 13	7.8
13 52.0 −48.2	CDM −47° 8772	13 50.6	−47 51.0	7.5	18958	13 52.2	−47 58	7.5
13 3.0 −49.1	CDM −48° 7952	13 1.8	−48 49.8	7.9				
13 14.4 −48.8	CDM −48° 8118	13 13.0	−48 33.9	8.3				
13 20.5 −49.0	CDM −48° 8189	13 18.8	−48 43.1	9.3	18266	13 20.3	−48 51	9
13 21.0 −48.7	CDM −48° 8202	13 19.6	−48 29.6	6.8	18285	13 21.1	−48 38	6.8
13 21.3 −48.9	CDM −48° 8206	13 19.8	−48 43.8	6.7	18294	13 21.3	−48 52	6.7

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h 23 16m

		E.	H.	Cl.	Nr.	Rem.	Klinc	Int.
10.0	17.2		H			N		1
9.2	18.2		a			N		1
9.7	19.1		a			K=H		1
9.5	19.4		a			N		1
9.5	20.2		a			N		1
9.9	22.3		F		1457	K=H		1
9.2	23.0		H			N		1
9.5	23.5		F		1458	K=H		1
10.2	5.8		a			N		3
10.8	7.0		a			N		3
10.5	7.2		a			N		1
10.9	8.6		a			N		1
11.0	8.6		H			N		1
10.6	10.8		a			N		2
10.2	11.5		H			N		1
10.7	12.8		H			N		2
10.5	12.5		G			K=H		2
10.1	13.4		a			N		2
10.6	15.8		F		1459	K=H		1
10.7	17.5		ML			K=H		2
10.1	22.7		a			K=H		1
11.3	7.9		H			K=H		1
11.9	9.9		a			N		1
11.3	10.5		F		1460	K=H		1
11.7	12.0		H			N		1
12.0	12.7		a			N		1
12.0	16.8		H			N		1

ask Mrs F.

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R 1900							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
13 32.5	−49.1	CDM −48° 8367	13 31.1	−48 51.4	7.8		18541	13 32.6	−48 59	7.5
13 35.7	−48.7	CDM −48° 8413	13 34.2	−48 29.2	8.4	~~18602~~	~~13 35.9~~	~~−48 55~~	~~8.8~~	
13 38.9	−48.9	CDM −48° 8446	13 37.0	−48 40.1	8.6		18656	13 38.5	−48 48	8.8
13 39.9	−48.9	CDM −48° 8459	13 37.7	−48 32.0	9.0					
13 42.0	−48.8	CDM −48° 8487	13 40.1	−48 32.3	8.0		18724	13 41.6	−48 40	8.5
13 49.0	−48.9	CDM −48° 8593 ~~8447~~	13 46.7	−48 41.6	8.4					
13 49.5	−48.6	CDM −48° 8601	13 48.2	−48 16.6	7.8		18907	13 49.8	−48 24	7.8
13 51.5	−48.7	CDM −48° 8630	13 49.9	−48 24.4	7.5		18945	13 51.5	−48 31	7.8
12 57.7	−48.9	CDM −48° 7887	12 56.3	−48 51.2	5.5		17747	12 57.7	−48 59	5.8
13 0.5	−49.4	CDM −49° 7644	12 59.6	−49 14.2	4.8		17826	13 1.0	−49 22	4.8
13 1.9	−49.3	CDM −49° 7653	13 0.4	−49 3.4	9.0					
13 6.0	−49.5	CDM −49° 7713	13 4.7	−49 17.6	9.0		~~17943~~	~~13 6.3~~	~~−49 32~~	~~7.8~~
13 6.2	−49.6	CDM −49° 7716	13 4.8	−49 24.0	7.8		17943	13 6.3	−49 32	7.8
13 13.0	−49.4	CDM −49° 7803	13 11.3	−49 13.1	7.5		18100	13 12.8	−49 21	7.2
13 15.4	−49.4	CDM −49° 7843	13 13.7	−49 2.5	8.3					
13 18.0	−49.5	CDM −49° 7884	13 16.4	−49 10.0	7.3		18217	13 17.9	−49 18	7
13 20.7	−49.2	CDM −48° 8195	13 19.2	−48 58.0	8.5					
13 28.5	−49.4	CDM −49° 8030	13 27.0	−49 13.1	7.7					
13 33.6	−49.5	CDM −49° 8095	13 32.3	−49 18.9	6.8		18566	13 33.8	−49 27	6.8
13 50.0	−48.9	CDM −48° 8591	13 47.7	−48 44.8	8.4					
13 3.9	−49.7	CDM −49° 7680	13 2.4	−49 28.9	8.0		17891	13 3.9	−49 37	7.5
13 9.9	−50.0	CDM −49° 7760	13 8.3	−49 49.7	8.7		~~18035~~	~~13 10.1~~	~~−50 22~~	~~8.2~~
13 11.9	−49.8	CDM −49° 7790	13 10.4	−49 32.3	8.8		18078	13 11.9	−49 40	8.2
13 16.1	−49.9	CDM −49° 7860	13 15 14.0	−49 47.6	9.1					
13 18.6	−50.1	CDM −49° 7900	13 17.1	−49 55.3	8.4		18236	13 18.6	−50 3	8
13 18.4	−50.2	CDM −49° 8072	13 30.2	−49 57.7	7.2		18518	13 31.7	−50 6	7.5

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E. Hb. Cl. Rem. Kline Int.

11.5	16.9	a		N	3
12.0	17.6	H		N	1
11.3	19.7	a		K=H	1
11.5	19.9	a		K=3	3
11.3	20.0	a		N	2
11.7	20.0	G		K=H	2
11.6	20.7	a		K=H	1
12.0	23.7	G		K=H	2
11.9	23.8	H		N	1
12.0	7.5	F	1461	K=H	1
12.0	8.8	H		N	1
12.3	9.2	a		N	3
12.6	10.0	a		N	1
12.8	10.0	a		N	1
13.0	14.2	a		N	3
12.4	15.8	H		N	1
12.5	16.4	H		N	1
12.5	18.4	H		N	2
12.9	18.8	a		N	2
13.0	21.4	F	1462	K=H	1
12.7	22.1	F	1463	K=H	1
12.6	22.5	G		K=H	2
13.4	10.8	a		N	2
13.4	11.9	a		K=2	2
13.8	12.7	a		~~K=2~~	2
13.2	13.1	a		K=H	1
13.7	13.2	a		K=4	2

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1900								N.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m	°								h m	°	
13 31.9	−49.9	CDM −49° 8074	13	30.4	−49	42.7	6.9	18525	13 31.9	−49° 51′	6.9
13 33.5	−50.1	CDM −49° 8099	13	32.5	−49	54.2	7.8	18570	13 34.0	−50 2	7.5
13 40.5	−49.7	CDM −49° 8188	13	38.9	−49	26.0	9.2				
13 41.5	−49.7	CDM −49° 8194	13	39.6	−49	34.7	6.7	18725	13 41.7	−49 40	6.7
13 41.1	−49.9	CDM −49° 8199	13	39.8	−49	30.0	7.0	18721	13 41.4	−49 38	7.8
13 41.5	−49.9	CDM −49° 8198	13	39.8	−49	41.8	6.0	18720	13 41.4	−49 50	6.0
13 44.0	−49.9	CDM −49° 8223	13	42.0	−49	37.0	2.8	18785	13 44.2	−49 51	9
13 52.5	−49.9	CDM −49° 8356	13	51.3	−49	45.5	6.3	18973	13 52.9	−49 53	6.6
13 53.1	−49.8	CDM −49° 8362	13	51.8	−49	36.8	7.7	18986	13 53.4	−49 44	7.8
13 2.3	−50.1	CDM −49° 7659	13	1.0	−49	47.5	8.6	17859	13 2.5	−49 56	8.8
13 6.5	−50.1	CDM −49° 7724	13	5.2	−49	48.7	8.3				
13 7.5	−50.2	CDM −49° 7589	13	6.0	−50	2.2	6.2	17963	13 7.5	−50 10	6.4
13 9.9	−50.5	CDM −50° 7622	13	8.6	−50	14.0	8.5	18035	13 10.1	−50 22	8.2
13 10.3	−50.6	CDM −50° 7626	13	8.8	−50	17.5	8.5				
13 23.2	−50.7	CDM −50° 7812	13	21.8	−50	31.0	5.8	18332	13 23.3	−50 39	5.8
13 28.1	−50.4	CDM −50° 7882	13	27.1	−50	9.0	7.5	18462	13 28.6	−50 17	7.5
13 30.0	−50.4	CDM −50° 7902	13	28.8	−50	10.2	8.5	18462	13 28.6	−50 17	7.5
13 36.5	−50.3	CDM −50° 7983	13	35.1	−50	9.5	6.5	18614	13 36.6	−50 17	7.0
13 38.0	−50.6	CDM −50° 7998	13	36.4	−50	22.7	7.0	18646	13 38.0	−50 31	6.9
13 46.5	−50.6	CDM −50° 8092	13	44.8	−50	18.2	7.5	18337	13 46.4	−50 26	8
13 48.6	−50.4	CDM −50° 8111 8112	13	46.7	−50	4.6 4.4	8.7 8.7	18873 18874	13 48.3	−50 12	8.2 8.8
13 49.0	−50.2	CDM −50° 8126	13	47.9	−50	2.9	7.0	18901	13 49.5	−50 10	7.5
13 12.5	−50.8	CDM −50° 7660	13	11.1	−50	37.4	6.7	18093	13 12.6	−50 46	6.7
13 15.9	−50.9	CDM −50° 7708	13	14.4	−50	37.5	7.0	18169	13 15.9	−50 46	7
13 18.4	−51.1	CDM −50° 7747	13	17.0	−50	51.3	7.3	18229	13 18.8	−50 59	7.2
13 19.6	−50.8	CDM −50° 7764	13	18.3	−50	31.6	8.1	18259	13 19.8	−50 39	7.2
13 19.9	−51.2	CDM −50° 7765	13	18.4	−50	49.5	7.4	18260	13 19.9	−50 58	7.5

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V Hb Cl. Rem Kline Smt.

13.4	13.9	a		K=H	1
14.0	16.9	a		K=.3	2
13.1	17.0	F	1464	K=H	1
13.8	19.5	G		K=1.2	3
13.2	20.6	a		N	1
13.6	21.3	H		N	1
13.5	21.6	H		N	1
14.0	21.9	a		N	2
14.3	8.0	a		N	2
14.4	9.7	F	1465	K=H	2
14.9	9.5	a		N	1
14.1	11.7	a		N	2
15.0	12.0	B	1466	N	3
14.5	12.7	a		K=H	2
14.5	12.9	G		K=H	2
14.5	13.0	a		K=.2	2
14.4	14.8	a		N	1
14.5	15.0	H		N	1
14.2	18.2	a		N	1
14.2	18.6	F	1467	K=H	1
14.3	20.5	H		N	1
14.5	22.0	a		N	1
15.2	6.8	H		K=H	2
16.0	8.6	a		N	3
15.7	9.3	G		K=H	1
15.6	10.2	G		K=H	2
15.8	11.0	F	1468	K=H	1

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1900							N.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m °										
13 2.0	−50.9	CPM −50° 7794	13	20.7	−50	38.5	8.8			
13 31.9	−51.2	CPM −50° 7928	13	30.7	−50	54.8	8.9	~~18518~~	~~13 31.7~~	~~−50 6~~ ~~7.5~~
13 32.5	−50.7	CPM −50° 7931	13	30.9	−50	27.7	8.6			
13 40.5	−50.9	CPM −50° 8017	13	38.8	−50	48.4	5.2	18780	13 40.4	−50 56 5.2
13 44.0	−50.7	CPM −50° 8092	13	44.8	−50	18.2	7.5	18837 ~~18771~~	46.4 13 ~~43.6~~	26 −50 ~~32~~ 8
13 46.5	−50.9	CPM −50° 8086	13	44.5	−50	35.6	7.8			
13 47.1	−50.9	CPM −50° 8095	13	45.2	−50	33.0	7.8			
13 48.5	−51.3	CPM −50° 8104	13	46.2	−50	46.8	8.4	18861	13 47.8	−50 55 8
13 3.0	−51.3	CPM −51° 7900	13	2.0	−51	0.8	8.0	17879	13 3.4	−51 9 9
13 8.5	−51.4	CPM −51° 7375	13	7.5	−51	8.4	7.7	18004	13 9.0	−51 16 7.5
13 7.9	−51.6	CPM −51° 7363	13	6.5	−51	19.3	9.4			
13 15.2	−51.3	CPM −51° 7453	13	13.6	−51	0.8	7.4	18151	13 15.1	−51 9 7.2
13 16.1	−51.7	CPM −51° 7465	13	14.7	−51	32.0	6.5	18178	13 16.2	−51 40 6.5
13 18.1	−51.5	CPM −51° 7488	13	16.8	−51	13.4	7.1	18229	13 18.3	−51 21 7.2
13 19.0	−51.5	CPM −51° 7500	13	17.6	−51	11.4	8.0	18256 ~~18248~~	13 19.1 ~~13 19.2~~	−51 19 7.5 ~~−51 22 7.8~~
13 19.5	−51.5	CPM −51° 7504	13	17.7	−51	14.2	7.6	18252	48 13 19.2	2 −51 22 7.8
13 25.6	−51.4	CPM −51° 7566	13	23.9	−51	7.5	8.7	~~18393~~	~~13 25.8~~	~~−51 20 7.8~~
13 26.0	−51.5	CPM −51° 7569	13	24.3	−51	11.4	7.6	18393	13 25.8	−51 20 7.8
13 35.9	−51.3	CPM ~~−50° 7941~~ −51° 7677	13	34.6	−51	1.2	8.1	18607	13 36.1	−51 9 9
13 37.0	−51.3	CPM −50° 7991	13	35.9	−50	59.7	8.5			
13 43.9	−51.4	CPM −50° 8058	13	42.0	−50	59.7	8.5			
13 48.2	−51.2	CPM −51° 7828	13	46.7	−51	0.5	8.0			
12 59.5	−51.6	CPM −51° 7248	12	58.2	−51	26.6	6.9	17792	12 59.7	−51 35 6.9
13 5.0	−52.1	CPM −51° 7329	13	3.5	−51	54.0	6.5	17913	13 5.0	−52 2 6.5
13 7.5	−51.9	CPM −51° 7359	13	6.0	−51	44.4	8.5			
13 10.5	−51.9	CPM −51° 7391	13	8.7	−51	45.1	7.1	18037	13 10.2	−51 53 7.1
13 12.9	−52.0	CPM −51° 7422	13	11.2	−51	49.2	9.3	~~18165~~	~~13 13.0~~	~~−52 8 8~~

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& Hb Cl. Rem. Kline Int.

asks Mrs. F.	15.0	13.0	a		K=.5	2
	15.9	15.4	F	1469	K=H	1
	15.3	17.0	a		K=.6	1
	15.2	18.6	a		K=H	1
	15.5	18.7	H		H	1
	15.6	19.2	F	1470	K=H	1
	16.0	19.2	a		K=.5	2
	15.5	19.6	a		H	2
	16.0	19.6	a		H	1
	15.4	21.3	a		K=H	1
	15.5	22.1	a		H	3
	15.3	22.5	a		K=.3	2
	16.8	6.5	H		H	1
	16.2	7.2	a		H	1
	16.4	7.6	a		H	2
	16.1	7.6	a		K=H	1
	16.7	8.6	g		K=H	2
	16.5	8.9	H		H	1
	16.1	11.1	F	1471	K=H	1
	17.0	11.1	a		H	1
	16.5	11.3	a		K=H	1
	16.2	11.5	B	1472	H	3
	16.3	14.3	H		K=H	2
	17.0	14.8	a		K=H	1
	16.9	14.9	a		K=H	1
	16.2	15.9	a		H	1
	16.3	16.2	a		H	1

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2 1900 m	°						A.G.C. No.	1900 R.a.	1900 Dec.	Magn.
		CPM -51° 7508	13	17.9	-51	42.6	8.2	18252	13 19.4	-51 51 8
13	27.6 -52.2	CPM -51° 7584	13	25.9	-51	52.4	9.4			
13	32.5 -51.9	CPM -51° 7640	13	31.2	-51	34.1	7.9			
13	37.5 -51.7	CPM -51° 7692	13	36.0	-51	28.2	8.0	18633	13 37.6	-51 36 8.2
13	38.1 -51.9	CPM -51° 7697	13	36.5	-51	37.1	8.5	18648	13 38.1	-51 45 8.5
13	39.5 -51.9	CPM -51° 7723	13	38.2	-51	40.7	8.4	18686	13 39.8	-51 49 8.5
13	39.5 -52.2	CPM -51° 7724	13	38.2	-51	53.2	8.1	18689	13 39.8	-52 1 8
13	40.5 -51.9	CPM -51° 7782	13	39.2	-51	38.5	7.4	18709	13 40.8	-51 47 7.4
13	40.5 -52.2	CPM -51° 7733	13	39.3	-51	51.5	9.1			
13	46.2 -51.8	CPM -51° 7802	13	44.8	-51	28.6	8.7			
13	48.5 -51.7	CPM -51° 7832	13	47.2	-51	32.8	6.1	18887	13 48.8	-51 41 6.1
13	50.0 -51.6	CPM -51° 7846	13	48.4	-51	25.4	7.2	18912	13 50.0	-51 32 7.1
12	58.3 -52.5	CPD -52° 6139	12	56.9	-52	13.3	8.4			
13	0.5 -52.2	CPM -51° 7262	12	59.0	-51	52.9	8.9			
13	1.5 -52.4	CPD -52° 6187	13	0.0	-52	4.9	8.3	17837	13 1.6	-52 13 7.5
13	1.9 -52.2	CPM -51° 7282	13	0.5	-51	51.3	8.6			
13	4.5 -52.4	CPD -52° 6258	13	3.4	-52	14.4	8.0	17910	13 4.9	-52 22 var
13	6.0 -52.3	CPD -52° 6276	13	4.4	-52	8.8	8.4	17934	13 5.9	-52 17 7.6
13	12.9 -52.2	CPM -51° 7325	13	11.5	-51	59.9	8.0	18105	13 13.0	-52 8 8
13	13.0 -52.7	CPD -52° 6379	13	11.5	-52	25.1	8.3			
13	13.6 -52.4	CPD -52° 6393	13	12.3	-52	10.9	8.8			
13	14.5 -52.2	CPD -52° 6405	13	13.1	-52	5.4	6.3	18139	13 14.5	-52 13 6.1
13	24.0 -52.4	CPD -52° 6516	13	21.9	-52	6.6	8.0	18338	13 23.4	-52 15 7.2
13	25.5 -52.8	CPD -52° 6535	13	23.5	-52	26.9	8.3			
13	26.3 -52.7	CPD -52° 6544	13	24.1	-52	22.5	8.2			
13	29.1 -52.3	CPM -51° 7601	13	27.5	-51	59.9	8.6			
13	30.0 -52.3	CPD -52° 6597	13	28.3	-52	4.4	7.8			

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V H Cl. Rein. Klinostat.

16.3	17.2	H		N	1
16.7	20.0	F	1473	K=H	1
16.6	21.0	a		N	3
16.7	22.8	a		N	1
17.4	5.7	F	1474	K=H	1
17.8	7.7	a		N	3
17.7	11.4	a		N	1
17.5	11.7	F	1475	K=H	1
18.0	12.6	a		N	1
17.4	13.2	a		K=H	1
17.7	13.4	a		K=H	1
17.2	14.0	a		K=H	2
17.7	14.9	a		N	1
17.2	16.3	a		N	2
17.6	16.7	a		K=H	1
17.3	16.9	a		K=H	1
17.6	17.2	B	1476	N	5
17.5	19.4	H		K=H	2
17.8	21.3	a		N	3
18.3	12.6	a		K=.2	2
18.7	12.7	a		N	2
18.6	12.8	H		K=H	2
18.5	12.8	a		K=H	1
18.4	13.0	F	1477	K=H	1
18.3	13.5	a		N	2
18.8	14.3	a		N	2
18.9	14.2	F	1478	K=H	1

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1900 h m s							N.G.C. No.	1900 R.A.	1900 Dec.	Mag.
13 33.7	-52.3	CPD -52°6653	13 31.9	-52 3.1	8.5					
13 42.0	-52.5	CPD -52° 6759	13 40.8	-52 12.3	7.5					
13 45.5	-52.4	CPD -52° 6787	13 44.0	-52 11.4	5.7	18817	13	45.6	-52 19	5.9
13 51.9	-52.4	CPD -52° 6876	13 49.9	-52 3.1	8.2	18946	13	51.2	-52 10	8
12 55.0	-52.8	CPD -52° 6098	12 53.8	-52 27.6	7.9	17698	12	55.2	-52 36	8.2
13 1.5	-52.9	CPD -52° 6194	13 0.2	-52 47.4	6.6	17844	13	1.7	-52 55	6.1
13 14.2	-53.1	CPD -52° 6401	13 12.6	-52 48.8	8.4					
13 15.5	-53.0	CPD -52° 6416	13 13.6	-52 41.9	8.5					
13 18.2	-53.2	CPD -52° 6454	13 16.3	-52 56.2	8.3	~~18233~~	~~13~~	~~18.4~~	~~-53 24~~	~~7.4~~
13 20.5	-52.9	CPD -52° 6487	13 18.5	-52 38.1	8.4					
13 21.0	-53.2	CPD -52° 6496	13 19.1	-52 49.0	8.3					
13 22.9	-52.9	CPD -52° 6511	13 20.9	-52 33.4	7.7					
13 26.2	-53.1	CPD -52° 6542	13 24.0	-52 44.3	8.8					
13 30.4	-52.8	CPD -52° 6607	13 28.9	-52 33.0	7.8					
13 32.0	-53.0	CPD -52° 6624	13 30.3	-52 43.2	8.5					
13 32.7	-52.8	CPD -52° 6633	13 30.9	-52 30.7	8.5					
13 33.5	-52.9	CPD -52° 6655	13 32.0	-52 49.9	3.0	18559	13	33.6	-52 58	2.6
13 40.5	-52.9	CPD -52° 6740	13 39.0	-52 39.3	7.6	18706	13	40.7	-52 47	8
13 47.2	-52.9	CPD -52° 6805	13 45.6	-52 45.4	6.7	18849	13	47.2	-52 53	6.5
13 18.4	-53.4	CPD -53° 5586	13 16.5	-53 8.3	7.3	18~~23~~19	13	18.~~1~~0	-53 ~~24~~16	7.4
13 18.9	-53.7	CPD -53° 5591	13 16.7	-53 20.7	7.9	18224	13	18.2	-53 29	8.2
13 19.0	-53.5	CPD -53° 5593	13 16.9	-53 15.7	8.2	18233	13	18.4	-53 24	7.4
13 19.2	-53.5	CPD -53° 5595	13 17.2	-53 10.0	8.6					
13 20.0	-53.5	CPD -53° 5599	13 17.7	-53 11.1	8.4					
13 21.1	-53.4	CPD -53° 5613	13 19.2	-53 8.1	7.9	18275	13	20.7	-53 16	7.8
						~~18291~~	~~13~~	~~21.2~~	~~-53 38~~	~~7.5~~
						18339	13	23.4	-53 29	7.5
13 24.5	-53.6	CPD -53° 5639	13 21.9	-53 21.2	7.6	~~18357~~	~~13~~	~~24.2~~	~~-53 25~~	~~7.2~~
13 24.1	-53.7	CPD -53° 5635	13 21.7	-53 24.0	8.5					

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		O	Hc	Cl. Rem.	Klinic Int.
18.8	14.4	H		K=H	1
18.6	16.2	H		N	1
18.7	16.9	a		K=H	1
18.6	17.3	a		N	2
18.1	17.7	a		N	1
18.4	18.6	H		N	1
18.3	21.8	a		N	1
18.7	22.6	F	1479	K=H	1
19.6	7.5	a		N	1
20.0	7.5	H		N	1
19.4	8.8	a		N	1
19.1	13.6	a		N	1
19.1	13.8	a		N	1
19.8	13.8	a		N	1
19.8	14.8	H		N	1
20.0	15.5	a		N	1
19.1	17.2	a		N	2
19.9	17.7	a		N	3
19.9	21.4	b		K=H	2
19.5	22.0	a		N	2
19.8	23.2	a		N	1
19.1	24.3	a		K=H	1
20.1	8.1	a		N	2
20.7	9.8	H		N	1
20.7	10.0	H		N	1
20.5	14.1	F	1480	K=H	1
20.7	16.0	H		N	1

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1900								A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m °											
13 2.4.2	-53.6	CPD	-53° 5643	13 22.7	-53	17.1	8.4	18357	13 24.2	-53 25	7.2
13 30.0	-53.5	CPD	-53° 5685	13 28.5	-53	15.1	8.7				
13 32.5	-53.6	CPD	-53° 5704	13 31.0	-53	16.3	8.7				
13 34.1	-53.5	CPD	-53° 5717	13 32.5	-53	13.6	7.6				
13 35.4	-53.3	CPD	-52° 6679	13 33.6	-52	58.7	8.0				
13 38.3	-53.4	CPD	-53° 5741	13 36.5	-53	5.9	8.7				
13 48.8	-53.2	CPD	-52° 6832	13 47.2	-52	54.8	7.9				
13 52.1	-53.3	CPD	-53° 5812	13 49.8	-53	5.6	7.8				
								17814	13 0.7	-53 45	8.5
13 0.7	-53.9	CPD	-53° 5464	12 59.2	-53	37.2	8.0	~~17816~~	~~13 0.7~~	~~-53 58~~	~~7.2~~
13 1.0	-54.2	CPD	-53° 5466	12 59.2	-53	50.2	8.0	17816	13 0.7	-53 58	7.2
13 5.4	-53.8	CPD	-53° 5500	13 3.6	-53	30.0	8.3				
13 21.6	-53.8	CPD	-53° 5615	13 19.7	-53	30.1	8.2	18291	13 21.2	-53 38	7.5
13 22.4	-53.8	CPD	-53° 5622	13 20.4	-53	30.9	8.2	18302	13 21.9	-53 39	9
13 22.5	-54.3	CPD	-53° 5624	13 20.5	-53	51.7	8.5	~~18325~~	~~13 22.9~~	~~-54 24~~	~~8.2~~
13 26.1	-54.2	CPD	-53° 5655	13 23.9	-53	52.0	8.7				
13 27.5	-54.3	CPD	-54° 5647	13 26.5	-54	0.2	8.8	18446	13 28.1	-54 8	9
13 33.1	-53.8	CPD	-53° 5712	13 31.8	-53	30.6	7.6	18556	13 33.4	-53 39	7.8
13 35.0	-54.1	CPD	-53° 5725	13 33.7	-53	55.5	6.1	18587	13 35.4	-54 3	6.2
								18588		4	7.5
13 48.0	-54.0	CPD	-53° 5791	13 46.2	-53	47.7	7.6	18862	13 47.8	-53 56	7.3
13 50.0	-53.7	CPD	-53° 5805	13 48.1	-53	30.9	6.9	18904	13 49.7	-53 38	6.6
13 54.1	-53.9	CPD	-53° 5828	13 52.4	-53	35.9	8.2				
13 57.9	-53.5	CPD	-53° 5854	13 55.6	-53	10.2	8.0				
13 2.9	-54.2	CPD	-53° 5486	13 1.2	-53	56.8	7.8	17860	13 2.7	-54 5	7
13 8.5	-54.6	CPD	-54° 5491	13 6.9	-54	17.9	8.6	17994	13 8.4	-54 26	8.5
13 9.1	-54.7	CPD	-54° 5502	13 7.5	-54	18.4	8.3	18006	13 9.0	-54 26	8
13 23.6	-54.6	CPD	-54° 5606	13 21.4	-54	16.2	8.4	18325	13 22.9	-54 24	8.2
13 29.1	-54.6	CPD	-54° 5662	13 27.2	-54	17.8	8.7				

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V H Cl. Pers Rhine Int.

20.8	16.8	a		N	2
20.3	19.0	a		N	2
20.2	20.9	F	1481	K=H	2
20.5	21.0	G		K=H	2
21.6	12.0	a		N	2
21.7	12.7	a		N	1
21.3	16.0	a		N	1
21.6	18.6	a		N	1
21.3	21.2	F	1482	K=H	1
21.2	21.4	H		N	1
22.1	7.5	H		N	1
22.3	11.7	a		N	2
22.3	13.9	a		K=H	2
22.4	15.0	a		K=H	1
22.9	16.4	a		N	1
22.9	19.3	a		N	2
22.2	19.5	a		K=H	1
22.4	21.0	a		N	1
22.6	21.2	a		K=H	2
23.3	6.8	a		N	1
23.7	8.2	a		N	2
23.4	11.3	a		N	1
24.0	14.3	a		N	2
23.2	16.5	a		K=H	2
24.0	16.4	a		N	1
23.1	21.6	H		K=H	2
23.3	21.9	F	1483	K=H	1

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1950								A.G.C.	1900	1900	
h m	°							No.	R.A.	Dec.	Magn
13 32.2	-54.7	CPD	-54° 5680	13 30.9	-54	23.2	7.8	18534	h m 13 32.5	° ′ -54 31	7.3
13 39.5	-54.2	CPD	-54° 5725	13 38.2	-54	3.3	7.0	18688	13 39.8	-54 11	6.8
13 46.0	-54.1	CPD	-53° 5781	13 44.7	-53	57.5	7.6	18836	13 46.3	-54 5	8
13 49.7	-54.2	CPD	-54° 5806	13 48.3	-54	5.0	7.4	18911	13 49.9	-54 12	6.7
13 15.9	-55.0	CPD	-54° 5559	13 14.1	-54	45.7	7.9	18161	13 15.6	-54 54	7.5
13 18.6	-55.1	CPD	-54° 5578	13 16.8	-54	47.8	8.4				
13 29.2	-54.9	CPD	-54° 5663	13 28.3	-54	37.0	8.8	18~~65~~ 81	13 ~~28.9~~ 9	~~-55~~ -54 ~~11~~ 45	~~9~~ 8.2
13 38.5	-55.0	CPD	-54° 5718	13 37.2	-54	41.6	8.2	18661	13 38.8	-54 50	9
13 47.5	-54.7	CPD	-54° 5783	13 46.4	-54	27.2	8.2	18865	13 48.0	-54 35	7.7
13 48.0	-54.6	CPD	-54° 5791	13 46.8	-54	24.2	8.4	18867 76	13 48.~~0~~ 4	-54 ~~28~~ 32	~~9~~ 7.5
13 0.1	-55.1	CPD	-54° 5437	12 58.8	-54	56.6	8.0	17803	13 0.3	-55 4	6.9
13 14.5	-55.4	CPD	-55° 5504	13 13.1	-55	8.7	6.8	18140	13 14.6	-55 17	6.7
13 22.5	-55.4	CPD	-55° 5570	13 20.5	-55	7.8	7.9	18307	13 22.1	-55 16	7.8
13 27.1	-55.5	CPD	-55° 5615	13 24.8	-55	10.9	8.4	18401	13 26.4	-55 19	8.5
13 30.0	-55.6	CPD	-55° 5653	13 29.8	-55	20.8	8.2				
13 41.0	-55.6	CPD	-55° 5733	13 39.8	-55	20.0	7.6	18719	13 41.4	-55 28	7.5
13 41.5	-55.3	CPD	-54° 5740	13 40.4	-54	59.3	8.2	18731 ~~18719~~	13 42.0 ~~13 41.4~~	-55 7 ~~-55 28~~	8.2 ~~7.5~~
13 46.5	-55.2	CPD	-54° 5776	13 45.6	-54	56.3	8.4				
13 47.5	-55.4	CPD	-55° 5779	13 46.4	-55	7.2	7.6	18864	13 48.0	-55 15	7.8
12 57.4	-55.7	CPD	-55° 5348	12 55.7	-55	26.2	8.1	17735	12 57.2	-55 34	8.2
13 2.8	-55.9	CPD	-55° 5389	13 0.5	-55	43.0	7.5	17850	13 2.0	-55 51	7.5
13 13.2	-55.9	CPD	-55° 5486	13 11.5	-55	37.1	8.5				
13 24.5	-56.2	CPD	-56° 5788	13 22.2	-56	1.7	8.1	18345	13 23.8	-56 10	8
13 31.1	-55.7	CPD	-55° 5658	13 30.1	-55	35.0	8.0				
13 30.5	-56.3	CPD	-55° 5654	13 29.9	-55	59.6	8.3				
13 49.5	-55.7	CPD	-55° 5786	13 47.8	-55	20.3	7.8	18898	13 49.4	-55 27	7.3
13 50.9	-55.7	CPD	-55° 5794	13 49.7	-55	25.5	8.2	18927	13 50.6	-55 32	7.2

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O. H. Cl. Rem. Klinc Int.

24.3	8.2	a		N	2
24.3	17.8	a		N	3
23.9	23.6	H6		N	2

Plate 4952

3.8	5.9	a		N	3
4.9	-6.0	a		N	1
4.6	9.9	H6		N	1
4.9	10.0	H6		N	1
4.3	11.0	B	1484	N	3
4.7	11.7	B	1485	N	3
4.7	12.1	a		N	2
4.9	12.3	B	1486	N	5
3.8	12.5	d		K=H	3
4.5	13.0	a		K=.2	2
4.2	14.8	a		K=H	1
4.4	17.5	a		K=H	1
5.0	22.1	a		N	2
5.0	23.1	a		N	2
5.1	8.5	H6		N	1
5.5	9.7	a		N	1
5.6	9.8	a		K=H	1
5.3	10.2	F	1487	K=H	1
6.0	13.4	H6		N	1
5.3	15.0	a		N	1

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1900							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.	
h m											
13 2.1	-56.3	CPD -56° 5593	13 0.5	-56 1.0	7.6		17848	13 2.0	-56° 9′	10	mag?
							17849			8	
13 36.1	-56.2	CPD -56° 5891	13 34.8	-56 8.1	6.8		18612	13 36.4	-56 16	6.5	
13 56.5	-55.8	CPD -55° 5846	13 55.0	-55 36.5	7.2		19042	13 56.7	-55 44	6.6	
13 31.3	-45.9	CDM -45° 8578	13 29.9	-45 47.2	6.3		18569	13 31.4	-45 55	6.3	
13 31.0	-46.6	CDM -46° 8751	13 29.6	-46 22.6	8.2		18501	13 31.1	-46 31	7.8	
13 42.0	-46.6	CDM -46° 8870	13 40.9	-46 21.0	7.6		18746	13 42.5	-46 29	8	
13 41.6	-46.6	CDM -46° 8871	13 41.2	-46 8.2	7.9		18754	13 42.7	-46 16	8	marks Star in position recorded; 9 10.0 ; no
13 46.0	-46.4	CDM -46° 8909	13 44.0	-46 16.4	6.2		18819	13 45.6	-46 25	6.2	
13 47.5	-46.7	CDM -46° 8931	13 46.2	-46 30.6	6.6		18859	13 47.7	-46 39	6.6	
13 49.2	-46.7	CDM -46° 8944	13 47.5	-46 28.3	7.6		~~18854~~ 18892	13 ~~49.3~~ 48.9	-46 ~~47~~ 37	~~7.1~~	
13 49.5	-46.8	CDM -46° 8949	13 47.8	-46 40.4	2.7		18897	13 49.3	-46 47	2.7	3 Centauri
13 50.1	-46.1	CDM -45° 8805	13 48.6	-45 58.4	6.6		18919	13 50.1	-46 6	6.6	
13 51.6	-46.6	CDM -46° 8973	13 49.9	-46 24.0	7.7		18944	13 51.5	-46 31	7.8	
13 57.0	-46.5	CDM -46° 9040	13 55.2	-46 12.6	8.1		19045	13 56.8	-46 20	8.2	
14 5.5	-46.6	CDM -46° 9133	14 3.0	-46 19.0	7.8						
14 18.0	-46.8	CDM -46° ~~9284~~ 9302	14 ~~15.1~~ 16.5	-46 ~~50.9~~ 36.5	~~7.0~~ 8.0		19468	14 18.1	-46 43	7.2	
14 21.1	-46.8	CDM -46° 9329	14 19.4	-46 31.9	7.4		19547	14 21.0	-46 39	7.8	
13 38.0	-46.9	CDM -46° 8831	13 37.0	-46 35.2	7.2		18655	13 38.5	-46 43	7.6	
13 41.4	-47.2	CDM -46° 8760	13 40.2	-46 46.6	8.5						
13 42.0	-47.2	CDM -46° 8865	13 40.6	-46 51.3	8.3						
13 43.1	-47.0	CDM -46° 8879	13 41.8	-46 44.7	7.8						
13 53.4	-47.4	CDM -47° 8776	13 51.2	-47 11.7	8.0						
13 57.5	-47.0	CDM -46° 9053	13 55.9	-46 47.3	8.4						

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D. H. Cl. Rem. Kline Inst.

5.6	16.1	a		N	2
6.0	17.3	a		K=H	1
5.5	21.6	K		N	2
6.8	6.5	a		N	1
6.7	9.5	a		K=H	1
6.6	9.9	H		N	1
7.0	10.6	H		N	1
7.0	11.0	F	1488	K=H	2
6.2	11.1	F	1489	K=H	2
6.7	12.0	a		K=H	2
Ask Mr. F.	7.0	16.0	F	1490	K=H 1
" " "	6.8	16.2	a		N 2
	6.7	23.4	a		N 3
	7.4	5.4	a		N 2
	7.9	5.7	a		N 1
	7.6	7.1	H		N 1
	7.8	12.0	a		K=3 2
	7.3	13.3	F	1491	K=H 2
	7.5	14.2	a		N 1
Ask Mr. F.	7.2	16.2	a		N 1
" " "	7.2	16.3	E		N 1
" " "	7.7	16.2	a		N 3
	7.9	17.4	J		K=H 2
	7.2	16.7	H		N 1
	7.2	17.8	a		N 1
	7.6	18.4	H		N 1
	7.2	21.3	B	1492	N 3

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1900						A.G.C. No.	1900 R.A	1900 Dec.	Magn.	
14 0.9	-47.2	CPM -46° 9087	13 59.0	-46 59.3	7.0	19120	14 0.6	-47 6	7.2	
14 4.6	-47.4	CPM -47° 8945	14 2.7	-47 10.7	7.7	19198	14 4.3	-47 18	7.8	
14 16.9	-46.9	CPM -46° 9284	14 15.1	-46 50.7	7.0	19438	14 16.7	-46 58	7.0	
13 32.0	-47.5	CPM -47° 8466	14 3 30.6	-47 19.6	8.6					
13 40.9	-47.7	CPM -47° 8606	13 39.4	-47 24.0	8.5	18713	13 40.9	-47 32	8.5	
13 42.0	-47.7	CPM -47° 8626	13 40.7	-47 23.7	8.0	18748	13 42.2	-47 32 48	8.8	
13 44.0	-47.9	CPM -47° 8649	13 42.6	-47 39.1	8.6	18741	13 42.3	-47 48	8.8	
13 45.2	-47.9	CPM -47° 8662 8664	13 43.8	-47 40.4 40.5	7.5 7.5	18808 18809	13 45.3	-47 48 49	7.5	
13 45.9	-47.5	CPM -47° 8670	13 44.3	-47 14.7	7.5	18824	13 45.8	-47 23	7.2	
13 48.7	-47.8	CPM -47° 8714	13 46.9	-47 31.0	7.5	18879	13 48.5	-47 39	7.3	
14 0.9	-47.9	CPM -47° 8883 8886	13 58.9	-47 40.8 41.9	9.2 9.2	19132	14 1.0	-47 50	10	Magn.?
14 1.2	-47.8	CPM -47° 8904	13 59.6	-47 35.1	8.6	19136 19137	14 1.2	-47 50 51	8.8	
14 22.2	-47.6	CPM -47° 9162	14 20.7	-47 25.7	6.8	19571	14 22.3	-47 33	6.8	
13 28.1	-47.8	CPM -47° 8417	13 26.9	-47 37.6	6.7	18455	13 28.4	-47 46	6.7	
13 29.9	-48.1	CPM -47° 8437	13 28.0	-47 52.5	8.3	18486	13 29.5 30.1	-48 1 18	8 7.5	
13 34.0	-48.0	CPM -47° 8489	13 32.2	-47 47.9	7.6					
13 48.1	-48.2	CPM -48° 8578	13 46.5	-48 4.6	7.6	18869	13 48.1	-48 13	7.8	
13 52.5	-48.1	CPM -47° 8772	13 50.6	-47 51.0	7.5	18958	13 52.2	-47 58	7.5	
13 54.9	-48.3	CPM -47° 8803	13 53.3	-47 58.7	8.8					
14 1.5	-47.9	CPM -47° 8899 8901	13 59.5	-47 43.1 44.0	9.1 9.1	19136 19137	14 1.2	-47 50 51	8.8 8.8	
		~~CPM -47° 8904~~	~~13 59.6~~	~~-47 35.1~~	~~8.6~~					
		CPM -48° 8775	13 59.7	-48 6.3	6.8	19140	14 1.3	-48 13	6.8	
14 5.0	-48.4	CPM -48° 8820	~~13 58.5~~ 14 3.0	-48 11.2	7.1	19202	14 4.6	-48 18	7.1	
14 2.9	-47.9	CPM -47° 8923	14 0.9	-47 47.2	7.9	19167	14 2.5	-47 54	7.8	
14 6.1	-48.1	CPM -47° 8963	14 4.2	-47 47.9	8.7					
14 8.1	-48.3	CPM -47° 8987	14 6.1	-47 59.4	8.0	19270	14 7.7	-48 6	7.8	
14 16.1	-47.9	CPM -47° 9082	14 14.5	-47 45.0	6.6	19428	14 16.1	-47 52	6.5	

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R. A.	Decl.	Remarks	Nebulosity	Kline Int.
8.4	6.0	a	N	1
8.7	7.0	H6	N	1
8.9	7.9	a	K=H	1
8.1	9.0	F 1493	K=H	2
8.9	9.1	a	N	1
8.8	9.9	a	N	1
9.0	12.1	a	K=H	1
8.2	12.6	H6	N	1
8.4	13.1	H6	K=H	2
8.6	13.2	a	N	1
9.7	7.0	H6	N	1
9.1	12.4	a	N	2
9.4	14.1	a	K=H	1
10.0	16.2	G	K=H	3
9.2	20.6	a	N	2
9.7	23.6	a	N	3
10.4	7.4	Mb	K=H	3
10.9	9.8	a	K=4	3
10.7	9.9	a	N	2
11.0	9.9	G	K=H	2
10.9	13.6	I	K=H	3
10.7	13.8	H6	N	1
10.4	15.2	a	K=5	2
10.7	15.3	a	N	1
10.3	21.4	a	N	1
10.9	21.3	H6	N	1
11.3	6.9	a	N	3

ask Mrs. F.

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1900 R	m							A.G.C. No.	1900 R.A. R	m	1900 Dec.	′	Magn.
13	30.0	-48.4	CPM -48° 8328	13	28.6	-48	9.6	8.6	18486	13	30.1	-48° 18	7.5
13	33.2	-48.5	CPM -48° 8375	13	31.6	-48	21.7	8.1					
13	32.9	-48.7	CPM -48° 8413	13	34.2	-48	29.2	8.4	~~18541~~	~~13~~	~~32.6~~	~~-48 59~~	~~7.5~~
13	39.5	-48.3	CPM -48° 8458	13	37.7	-48	9.8	7.2	18672	13	39.2	-48 18	7.2
13	39.3	-48.8	CPM -48° 8459	13	37.7	-48	32.0	9.0					
13	41.9	-48.8	CPM -48° 8487	13	40.1	-48	32.3	8.0	18724	13	41.6	-48 40	8.5
13	48.5	-48.9	CPM -48° 8583	13	46.7	-48	41.6	8.4					
13	50.0	-48.5	CPM -48° 8601	13	48.2	-48	16.6	7.8	18907	13	49.8	-48 24	7.8
13	51.2	-48.6	CPM -48° 8630	13	49.9	-48	24.4	7.5	18944	13	51.1	-48 31	8.8
13	51.6	-48.7	CPM -48° 8632	13	50.0	-48	28.2	8.9	~~18945~~	~~13~~	~~51.5~~	~~-48 31~~	~~7.8~~
13	32.5	-49.1	CPM -48° 8367	13	31.1	-48	51.4	7.8	18541	13	32.6	-48 59	7.5
13	49.9	-48.9	CPM -48° 8591	13	47.7	-48	44.8	8.4					
13	54.2	-49.2	CPM -48° 8672	13	52.9	-48	55.2	8.1	19002	13	54.5	-49 2	8
14	1.4	-49.4	CPM -49° 8475	13	59.6	-49	16.4	6.9	19138	14	1.2	-49 23	6.9
14	13.7	-48.9	CPM -48° 8963	14	12.7	-48	47.4	7.7	19378	14	14.3	-48 54	7.7
14	23.4	-49.1	CPM -48° 9098	14	22.0	-48	57.6	5.9	19597	14	23.7	-49 4	5.9
13	33.7	-49.5	CPM -49° 8095	13	32.3	-49	18.9	6.8	18566	13	33.8	-49 27	6.8
13	41.0	-49.8	CPM -49° 8194	13	39.6	-49	37.4	6.7	18716	13	41.2	-49 45	6.7
13	49.4	-49.7	CPM -49° 8199	13	39.8	-49	30.0	7.0	18721	13	41.4	-49 38	7.8
13	49.6	-49.9	CPM -49° 8198	13	39.7	-49	41.8	6.0	18720	13	41.4	-49 50	6.0
13	52.5	-49.9	CPM -49° 8356	13	51.3	-49	45.5	6.3	18973	13	52.9	-49 53	6.6
13	53.1	-49.9	CPM -49° 8362	13	51.8	-49	36.8	7.7	18986	13	53.4	-49 44	7.8
13	58.2	-49.7	CPM -49° 8424	13	56.7	-49	28.1	7.9	19072	13	58.3	-49 35	8
13	58.5	-49.8	CPM -49° 8427	13	56.8	-49	36.0	8.5					
14	16.9	-49.5	CPM -49° 8699	14	15.2	-49	16.7	8.0	19441	14	16.8	-49 24	8.2
			CPM -49° 8777	14	21.0	-49	32.8	7.3	19581	14	22.7	-49 40	3.8
13	31.6	-49.9	CPM -49° 8074	13	30.4	-49	42.7	6.9	18525	13	31.9	-49 51	6.9

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			H. Cl.	Num.	Kline Int.
11.6	7.6	Hc		N	1
12.0	8.5	Hc		N	2
12.7	12.2	a	1494	K=H	2
11.6	12.6	g		K=H	2
11.1	15.5	Hc		K=H	1
12.0	21.2	d		K=H	2
11.6	24.2	a		N	4
12.3	5.9	Hc		N	1
12.8	7.2	F	1495	K=H	1
12.4	8.9	a		N	3
12.5	10.7	a		N	1
12.7	11.5	Hc		N	1
12.2	11.6	d		K=H	2
12.7	11.7	Hc		N	2
13.0	12.1	a		N	2
12.3	13.6	Hc		N	1
12.1	16.8	a		K=H	1
13.0	17.2	a		N	1
12.6	18.2	g		K=H	2
12.5	19.8	a		N	1
13.8	7.2	a		N	2
13.8	8.4	a		N	1
13.6	12.3	a		N	2
13.5	15.8	g		K=H	1
13.4	16.5	Hc		N	1
13.2	16.8	a		N	3
13.4	19.4	g		K=H	1

N = 11.7 ?

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h 1900 m	°						A.G.C. No.	R.A. 1900 h m	Dec 1900 ° ′	Magn.
13 33.9	-50.2	CDM -49° 8099	13	32.5	-49	54.2 7.8	18570	13 34.0	-50 2	7.5
13 36.5	-50.3	CDM -50° 7983	13	35.1	-50	9.5 6.5	18614	13 36.6	-50 17	7.0
13 48.1	-50.3	CDM -50° 8126	13	47.9	-50	2.9 7.0	18873 18874	13 48.3	-50 12	8.2 8.8
13 49.3	-50.3	CDM -50° 8126	13	47.9	-50	2.9 7.0	18901	13 49.5	-50 10	7.5
13 57.0	-50.1	CDM -49° 8438	13	57.4	-49	47.8 8.0				
14 17.0	-50.3	CDM -50° 8501	14	15.0	-50	12.2 6.2	19437	14 16.7	-50 19	6.7
14 25.6	-50.1	CDM -49° 8831	14	24.5	-49	54.0 5.2	19661	14 25.9	-50 1	5.2
13 28.1	-50.4	CDM -49° 7882	13	27.1	-50	9.0 7.5	18462	13 28.6	-50 17	7.5
13 32.1	-50.8	CDM -50° 7931	13	30.9	-50	27.7 8.6				
13 37.7	-50.6	CDM -50° 7998	13	36.4	-50	22.7 7.0	18646	13 38.0	-50 31	6.9
13 43.9	-50.7	CDM -50° 8057	13	42.0	-50	23.8 8.6	18771	13 43.6	-50 32	8
13 46.5	-50.9	CDM -50° 8086	13	44.5	-50	35.6 7.8				
13 46.0	-50.6	CDM -50° 8092	13	44.8	-50	18.2 7.5	18837	13 46.4	-50 26	8
13 46.7	-50.8	CDM -50° 8095	13	45.2	-50	33.0 7.8				
13 47.9	-51.0	CDM -50° 8104	13	46.2	-50	46.8 8.4	18861	13 47.8	-50 55	8
13 52.9	-50.7	CDM -50° 8159	13	51.1	-50	20.8 8.9				
14 3.2	-50.5	CDM -50° 8295	14	1.5	-50	14.9 9.0	19177	14 3.1	-50 22	9
14 4.2	-51.0	CDM -50° 8316	14	2.6	-50	45.3 7.6	19195	14 4.2	-50 52	8.5
14 8.0	-50.8	CDM -50° 8360	14	6.0	-50	34.5 7.2	19264	14 7.5	-50 41	7.2
14 12.3	-50.7	CDM -50° 8443	14	10.9	-50	26.5 9.0				
13 32.1	-51.1	CDM -50° 7928	13	30.7	-50	54.7 8.9				
13 36.1	-51.3	CDM -51° 7677	13	34.6	-51	1.2 8.1	18607	13 36.1	-51 9	9
13 48.1	-51.2	CDM -51° 7828	13	46.7	-51	0.5 8.0				
13 59.9	-51.2	CDM -51° 7952	13	58.2	-51	1.2 8.2	19104	13 59.8	-51 8	8.5
14 1.9	-51.2	CDM -50° 8285	14	0.5	-50	57.1 8.5	19162	14 2.1	-51 4	8.5
14 2.7	-51.1	CDM -50° 8294	14	1.4	-50	54.2 6.3	19175 19178	14 3.0 3.1	-51 2	6.6 8
14 11.9	-51.1	CDM -50° 8427	14	9.9	-50	55.4 7.9				

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b H Cl. Rem. Klinec Int.

15.0	7.4	a		K=H	!
14.7	9.0	H		N	1
15.0	9.7	H?		N	1
14.9	10.0	a		N	2
14.6	11.7	a		N	1
14.5	12.5	a		N	3
14.2	12.5	H		N	1
14.3	12.8	a		K=8	2
14.1	13.7	H		N	1
14.3	15.0	a		N	2
14.8	17.3	H		N	1
14.8	19.5	a		K=H	1
15.0	20.2	F	1496	K=H	2
15.0	20.3	a		N	1
14.4	20.3	H		N	3
14.5	22.3	F	1497	K=H	1
14.7	23.8	a		N	2
16.0	6.4	a		N	1
15.4	9.7	a		K=H	2
16.0	10.5	b		K=H	1
15.8	11.5	a		N	3
15.3	11.9	a		N	3
15.6	13.3	a		N	2
15.4	21.2	a		N	1
16.0	24.0	d		K=H	3
16.1	6.7	F	1498	K=H	1
16.9	10.0	H		N	2

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1900						N.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m 13 32.5	− 51.8	CPM −51° 7640	13 31.2	−51 34.1	7.9				
13 37.5	− 51.7	CPM −51° 7692	13 36.0	−51 28.2	8.0	18633	13 37.6	− 51 36	8.2
13 40.0	− 51.9	CPM −51° 7723	13 38.2	−51 40.7	8.4	18686	13 39.8	− 51 49	8.5
13 41.0	− 51.8	CPM −51° 7732	13 38.2	−51 38.5 ~~39.2~~	7.4 ~~8.1~~	18709	13 40.8	− 51 47	7.4
13 46.2	− 51.8	CPM −51° 7802	13 44.8	−51 28.6	8.7				
13 48.5	− 51.7	CPM −51° 7832	13 49.2	−51 32.8	6.1	18887	13 48.8	− 51 41	6.1
13 49.3	− 51.5	CPM −51° 7836	13 47.5	−51 21.8	7.9	18893	13 49.1	− 51 30	7.8
13 50.0	− 51.6	CPM −51° 7846	13 48.4	−51 25.4	7.2	18912	13 50.0	− 51 32	7.1
13 53.0	− 51.6	CPM −51° 7879	13 51.2	−51 17.0	8.5				
13 57.2	− 51.7	CPM −51° 7921	13 55.4	−51 27.2	7.5	19047	13 57.0	− 51 34	7.6
14 4.9	− 51.9	CPM −51° 8010	14 3.1	−51 42.2	7.6	19203	14 4.7	− 51 49	8.2
14 12.5	− 51.9	CPM −51° 8108	14 10.3	−51 39.3	7.6	19338	14 12.0	− 51 46	8
14 13.7	− 52.0	CPM −51° 8129	14 12.3	−51 44.8	7.3	19370	14 14.0	−51 52	7.7
14 14.5	− 52.0	CPM −51° 8132	14 12.9	−51 44.7	8.2	19384	14 14.6	− 51 52	8.5
14 14.9	− 51.7	CPM −51° 8133	14 13.1	−51 26.2	7.6	19391	14 14.8	− 51 33	8
14 21.0	− 51.6	CPM −51° 8206	14 19.2	−51 22.0	7.6	19539	14 20.9	−51 29	8
14 25.5	− 51.7	CPM −51° 8270	14 24.0	−51 24.8	7.3	19656	14 25.7	− 51 32	7.5
13 29.0	− 52.3	CPM −51° 7601	13 28.5	−51 59.9	8.6	~~19727~~	~~13 28.9 − 52 15~~		9
13 39.3	− 52.2	CPM −51° 7724	13 38.2	−51 53.2	8.1	18689	13 39.8	− 52 1	8
13 42.0	− 52.5	CPD −52° 6759	13 40.8	−52 12.3	7.5				
13 45.5	− 52.4	CPD −52° 6784	13 44.0	−52 11.4	5.7	18814	13 45.6	− 52 19	8
13 47.0	− 52.2	CPM −51° 7813	13 45.5	−51 53.0	8.4				
13 51.6	− 52.3	CPD −52° 6876	13 49.9	−52 3.1	8.2	18946	13 51.5	− 52 10	8
14 17.5	− 52.1	CPM −51° 8163	14 15.8	−51 51.3	8.1				
14 26.5	− 52.2	CPD −52° 7301	14 24.9	−52 7.6	7.1	19679	14 26.6	− 52 14	6.5
13 29.6	− 52.3	CPD −52° 6697	13 28.3	−52 4.4	7.8				
13 40.5	− 52.9	CPD −52° 6740	13 39.0	−52 39.3	7.6	18706	13 40.7	− 52 47	8

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v Ht Cl Rim Kline Lint

16.9	12.1	a	N	3
16.9	16.8	g	K=1.2	3
16.8	21.0	l	K=H	3
16.5	22.7	a	N	1
17.0	6.9	a	N	2
17.3	7.9	a	N	5
17.7	8.5	a	N	1
17.9	9.3	h	N	1
17.3	12.5	a	K=H	1
17.6	13.4	b	K=H	2
17.8	15.0	a	N	2
17.3	16.0	a	K=H	1
17.6	16.1	h	K=H	1
17.5	17.8	k	K=H	3
18.0	18.0	n	N	1
17.3	18.4	l	K=H	2
17.4	21.5	a	N	2
18.7	8.0	a	N	2
18.2	8.2	a	N	2
19.0	12.3	l	K=H	2
18.4	12.9	a	K=.2	3
18.6	14.1	a	N	1
18.2	14.7	h	N	1
18.7	15.6	a	N	2
19.0	19.2	a	N	1
18.6	19.3	h	N	1
19.5	8.7	a	N	4

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1900								A.G.C. No	1900 R.A.	1900 Dec.	Magn.
h m °									h m ° ′		
13 47.0	−52.9	CPD −52° 6805	13 45.6	−52 45.4	6.7			18849	13 47.2	−52 53	6.5
14 3.0	−52.9	CPD −52° 7028	14 1.6	−52 50.5	6.9			19179	14 3.3	−52 57	5.4
14 17.0	−52.8	CPD −52° 7195	14 15.3	−52 36.3	7.3			19444	14 17.0	−52 43	6.6
14 22.5	−52.6	CPD −52° 7254	14 20.8	−52 19.9	8.2						
13 30.0	−52.8	CPD −52° 6607	13 28.9	−52 33.0	7.8						
13 33.5	−52.9	CPD −52° 6655	13 32.0	−52 49.9	3.0			18559	13 33.6	−52 58	2.6
13 35.3	−53.2	CPD −52° 6679	13 33.6	−52 58.7	8.0						
13 38.0	−53.3	CPD −53° 5741	13 36.5	−53 5.9	8.7						
13 48.7	−53.2	CPD −52° 6832	13 47.2	−52 54.8	7.9						
13 51.5	−53.3	CPD −53° 5812	13 49.8	−53 5.6	7.8			18940	13 51.4	−53 13	7.5
13 57.7	−53.4	CPD −53° 5854	13 55.6	−53 10.2	8.0						
14 1.0	−53.2	CPD −52° 7001	13 59.1	−52 55.5	7.8			~~19130~~ 19131	~~14 1.0~~	~~−53~~	~~13 7.2~~ 12 9
14 1.4	−53.3	CPD −53° 5879 5880	13 59.4	−53 5.6 5.3	9.0 8.4			19130 19131	14 1.0	−53	13 7.2 12 9
14 6.5	−53.2	CPD −53° 5912	14 4.9	−53 4.8	7.1			19236 42	14 6.8 6	−53	12 6.1 ~~8~~
14 7.2	−53.5	CPD −53° 5945	14 5.7	−53 20.6	9.2			19254	14 7.4	−53 28	7.5
14 9.0	−53.1	CPD −52° 7087	14 6.9	−52 55.5	7.5			19282	14 8.6	−53 2	7.0
14 19.2	−53.1	CPD −52° 7213	14 17.2	−52 53.2	7.7			19496	14 18.9	−53 0	8
13 33.0	−53.8	CPD −53° 5712	13 31.8	−53 30.6	7.6			18556	13 33.4	−53 39	7.8
13 34.0	−53.5	CPD −53° 5717	13 32.5	−53 13.6	7.6						
13 47.9	−54.0	CPD −53° 5791	13 46.2	−53 47.7	7.6			18862	13 47.8	−53 56	7.3
13 50.0	−53.7	CPD −53° 5805	13 48.1	−53 30.9	6.9			18904	13 49.7	−53 38	6.6
13 54.1	−53.8	CPD −53° ~~5828~~ ~~5848~~	13 ~~52.4~~ ~~52.8~~	−53 ~~35.9~~ ~~18.7~~	~~5.2~~ ~~8.8~~						
13 56.4	−53.6	CPD −53° 5845	13 54.3	−53 23.2	8.8						
13 59.7	−53.8	CPD −53° 5871	13 57.9	−53 36.3	7.6			19095	13 59.6	−53 43	7.2
14 11.9	−54.0	CPD −53° 5938	14 9.9	−53 44.5	8.0						
14 12.0	−53.7	CPD −53° 5940	14 10.0	−53 32.9	8.3			19329	14 11.7	−53 40	7.5
13 35.0	−54.1	CPD −53° 5726	13 33.7	−53 55.5	6.1			18587 18588	13 35.4	−54 3 4	6.2 7.5

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P-H Cl. Rem. Klumpke Int.

19.7	10.0	a		N	3
19.4	11.5	F	1499	K=H	2
19.6	13.0	G		K=H	3
19.5	15.5	a		K=.5	3
19.5	17.8	a.		N	2.
20.5	7.1	H6		N	1
20.5	7.9	a		N	2
20.4	12.0	F	1500	K=H	1
20.3	12.4	G		K=H	1
20.2	12.5	H6		K=H	1
20.9	16.6	F	1501	K=H	1
21.0	17.0	a		K=H	1
20.4	21.2	J		K=H	2
21.0	21.6	a		N	1
21.0	22.1	a		N	1
21.6	23.5	F	1502	K=H	3
21.5	10.7	H6		N	1
21.3	12.2	a		N	1
21.2	12.5	a		N	1
21.7	12.5	a		K=.5	2
21.8	18.8	a		N	2
22.0	19.3	a		N	2
21.9	19.6	H6		N	1
21.3	20.4	a		N	2
21.6	23.2	a		K=H	2
25.2	16.6	a		N	2
22.1	12.9	H6		K=H	2

H wrong?

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1900 h m							A.G.C. No.	1900 R.A.	1900 Dec.	Magn
13 39.5	−54.2	CPD −54° 5725	13 38.2	−54 3.3	7.0		18688	13 39.8	−54° 11′	6.8
13 46.1	−54.3	CPD −53° 5781	13 44.7	−53 57.5	7.6		18836	13 46.3	−54 5	8
13 49.7	−54.2	CPD −54° 5806	13 48.3	−54 5.0	7.4		18911	13 49.9	−54 12	6.7
13 59.3	−54.2	CPD −54° 5887	13 57.4	−54 4.1	7.2		19084	13 59.1	−54 11	6.8
14 6.5	−54.2	CPD −54° 5933	14 5.2	−54 2.3	7.2		19246	14 6.9	−54 9	6.6
13 29.4	−54.7	CPD −54° 5662	13 28.2	−54 17.8	8.7		~~18481~~	~~13 29.9~~	~~−54 45~~	~~8.2~~
13 32.2	−54.7	CPD −54° 5686	13 30.9	−54 23.2	7.8		18534	13 32.5	−54 31	7.3
13 46.5	−54.7	CPD −54° 5775	13 45.0	−54 27.1	8.6					
13 47.9	−54.7	CPD −54° 5783	13 46.4	−54 27.2	8.2		~~18876~~	~~13 48.4~~	~~−54 32~~	~~7.5~~
13 48.1	−54.7	CPD −54° 5791	13 46.8	−54 24.2	8.4		18865	13 48.0	−54 35	7.7
14 2.9	−55.0	CPD −54° 5908	14 1.0	−54 46.1	8.2					
14 4.1	−55.1	CPD −54° 5913	14 2.5	−54 51.3	7.6		19193	14 4.2	−54 58	8
14 18.5	−54.7	CPD −54° 5990	14 16.7	−54 26.9	7.6		19476	14 18.4	−54 34	7.2
14 20.0	−54.9	CPD −54° 6005	14 18.2	−54 39.5	8.0					
14 22.0	−54.9	CPD −54° 6021	14 20.0	−54 39.5	7.8		19560	14 21.7	−54 46	8.5
14 26.5	−54.6	CPD −54° 6053	14 24.8	−54 26.7	6.9		19674	14 26.5	−54 34	6.5
13 42.0	−55.3	CPD −54° 5740	13 40.4	−54 59.3	8.2		18731	13 42.0	−55 7	8.2
13 47.4	−55.2	CPD −54° 5776	13 45.6	−54 56.3	8.4					
13 48.5	−55.1	CPD −54° 5788	13 46.7	−54 51.5	8.2					
13 48.2	−55.4	CPD −55° 5779	13 46.4	−55 7.2	7.6		18864	13 48.0	−55 15	7.8
14 10.5	−55.4	CPD −55° 5964	14 8.8	−55 11.1	7.5		19314	14 10.5	−55 18	7.1
14 12.5	−55.5	CPD −55° 5976	14 10.5	−55 18.1	7.5		19342	14 12.2	−55 25	8
14 13.6	−55.5	CPD −55° 5983	14 11.6	−55 12.9	8.0		19357	14 13.3	−55 20	7.8
14 16.0	−55.1	CPD −54° 5975	14 14.0	−54 51.5	7.2		19414	14 15.8	−54 58	7
14 25.5	−55.1	CPD −54° 6044	14 23.7	−54 54.6	7.4		19646	14 25.4	−55 1	8
13 41.5	−55.6	CPD −55° 5733	13 39.8	−55 20.0	7.6		18719	13 41.4	−55 28	7.5
13 49.9	−55.6	CPD −55° 5786	13 47.8	−55 20.3	7.8		18898	13 49.4	−55 27	7.3

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Plate 4952.
b+H Cl. Rem. Klinc Int.

22.3	13.3	F.	1503	K=H	2
22.6	14.4	a		H	2
22.5	15.0	b		K=H	2
23.0	17.1	H		H	1
22.4	17.9	a		H	1
23.0	19.6	a		H	4
22.8	22.0	a		K=H	2
22.8	22.3	a		H	2
23.9	9.3	a		H	3
23.8	12.7	a		H	2
24.2	14.6	a		H	1
24.0	16.0	a		H	1
24.4	18.0	a		H	4

Plate 9374
RA. 14h 39m Dec. -51.5

5.0	10.0	a		H	2
3.5	8.5	a		H	3
3.5	8.7	a		H	2
3.7	10.9	H		H	1
3.5	11.1	a		H	1
3.7	11.4	a		H	2
4.4	11.6	H		H	2
3.9	12.7	F.	1504	K=H	2
3.4	13.7	a		H	2
4.8	17.3	a		H	1
4.3	17.2	H		H	1

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1900								N.G.C. No	1900 R.A.	1900 Dec.	Magn.
h m	°								h m	° ′	
13 50.5	−55.7	CPD −55° 5793 5794	13 49.0	−55	25.2 25.5	8.8 8.2		18927 18928	13 50.6	−55 32′	7.2 9.2
13 54.5	−55.9	CPD −55° 5829	13 52.9	−55	37.0	8.0		19003	13 54.6	−55 44	8
13 56.5	−55.8	CPD −55° 5846	13 55.0	−55	36.8 5	7.2		19042	13 56.7	−55 44	6.6
14 4.5	−56.0	CPD −55° 5912	14 2.8	−55	47.3	8.0		19199	14 4.5	−55 54	7.5
14 7.2	−55.7	CPD −55° 5935	14 5.5	−55	28.6	7.6		19252	14 7.2	−55 36	8
14 13.5	−55.9	CPD −55° 5984	14 11.6	−55	48.6	4.7		19358	14 13.3	−55 56	5.0
14 22.1	−55.8	CPD −55° 6023	14 20.2	−55	34.3	7.4		19563	14 21.9	−55 41	7.3
14 23.1	−55.9	CPD −55° 6025	14 21.1	−55	34.1	7.6		19583	14 22.8	−55 41	7.3
13 36.1	−56.3	CPD −56° 5791	13 34.8	−56	8.1	6.8		18612	13 36.4	−56 16	6.5
13 49.0	−56.4	CPD −56° 6010	13 46.7	−56	7.5	8.0					
13 55.0	−56.7	CPD −56° 6089	13 53.7	−56	22.9	8.2		~~19550~~	~~13 54.5~~	~~−56 44~~	~~7~~
14 0.7	−56.6	CPD −56° 6156	13 59.1	−56	17.5	7.4		19124	14 0.8	−56 25	7.2
14 7.9	−56.6	CPD −56° 6206	14 6.3	−56	29.9	5.4		19273	14 8.0	−56 37	5.6
14 24.9	−46.7	CDM −46° 9380	14 23.1	−46	31.0	7.4		19625	14 24.7	−46 38	8.2
14 20.9	−45.8	CDM −45° 9188	14 19.2	−45	34.0	6.3		19540	14 20.8	−45 41	6.3
14 21.5	−45.8	CDM −45° 9190 9191	14 19.6	−46	39.0 33.2	7.4 7.9		19554	14 21.2	−45 45	7.8
14 27.8	−46.1	CDM −45° 9262	14 25.7	−45	54.6	7.5		19695	14 27.3	−46 2	7.5
14 27.9	−45.9										
~~14 28.6~~	~~−46.1~~	CDM −45° 9269	14 26.4	−45	45.0	8.6		19712	14 28.0	−45 52	7.5
14 28.5	−46.1	CDM −45° 9276	14 27.0	−45	54.6	7.1		19722	14 28.6	−46 2	7.1
14 29.0	−46.5	CDM −46° 9431	14 27.6	−46	16.0	7.3		19740	14 29.2	−46 23	7
14 32.6	−46.2	CDM −46° 9469	14 31.0	−46	2.0	6.7		19823	14 32.6	−46 9	6.7
14 35.6	−46.0	CDM −45° 9355	14 33.8	−45	45.7	8.0		19880	14 35.4	−45 52	7.8
14 46.0	−46.7	CDM −46° 9642	14 44.3	−46	29.8	8.8		~~20126~~	~~14 46.1~~	~~−46 40~~	~~9~~
14 45.6	−46.4	CDM −46° 9639	14 44.0	−46	14.5	7.2		20122	14 45.7	−46 21	6.2

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V.	H	Cl.	Rem.	Klinef.	Int.
4.0	18.2	H6	N		1
3.4	19.8	a	N		2
5.0	21.6	a	N		5
5.8	7.4	H6	N		1
5.3	7.8	a	N		2
5.1	8.8	a	N		1
5.3	13.7	a	N		5
5.8	14.2	a	N		2
5.5	15.2	a	K=.2		3
5.6	19.3	H6	K=H		1
5.2	20.5	H6	N		1
6.8	9.3	a	N		3
6.2	10.2	H6	N		1
6.7	12.4	a	N		3
6.5	8.6	a	N		3
6.7	19.4	H6	N		1
6.7	20.7	H6	N		1
7.5	7.3	a	N		3
7.2	17.2	H6	K=H		2
8.0	18.0	a	N		1
7.2	19.4	a	N		1
7.6	22.2	a	K=H		1
7.5	23.9	H	K=H		2
9.0	10.9	a	K=H		1
8.7	12.9	F	1505	K=H	3
9.0	16.5	a	N		1
9.0	14.6	a	N		1

6.5 9.6 ? or
6.5 18.6 ?

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1900 h m								N.G.C. No	1900 R.A. h m	1900 Decl. ° ′	Magn.
14 48.5	−46.3	CDM −46° 9672	14	46.9	−46	7.4	7.5	20180	14 48.6	−46 13	7.8
14 53.2	−45.9	CDM −45° 9566 67	14	51.4/5	−45	39.4 44.7	7.5	20306	14 53.2	−45 51	7.3
14 58.0	−46.7	CDM −46° 9773	14	56.6	−46	33.5	4.3	20428	14 58.3	−46 40	4.3
14 16.9	−46.9	CDM −46° 9284	14	15.1	−46	50.7	7.0	19438	14 16.7	−46 58	7.0
14 18.0	−46.7	CDM −46° 9302	14	16.5	−46	36.5	8.0	19468	14 18.1	−46 43	7.2
14 21.0	−46.7	CDM −46° 9329	14	19.4	−46	31.9	7.7	19547	14 21.0	−46 39	7.8
14 35.5	−46.9	CDM −46° 9501	14	33.6	−46	51.0	2.6	19873	14 35.2	−46 57	2.6
14 36.5	−47.1	CDM −47° 9355	14	34.9	−47	2.0	7.0	19907	14 36.6	−47 8	7.0
14 39.5	−47.1	CDM −46° 9562	14	38.2	−46	54.6	6.3	19978	14 39.8	−47 1	6.3
14 51.5	−47.1	CDM −46° 9703	14	50.1	−46	55.8	8.0	20251	14 51.7	−47 2	7.5
14 54.9	−46.8	CDM −46° 9736	14	53.5	−46	39.1	7.9	20350	14 55.2	−46 45	7.8
14 22.3	−47.6	CDM −47° 9162	14	20.7	−47	25.7	6.8	19571	14 22.3	−47 33	6.8
14 25.1	−47.4	CDM −47° 9190	14	23.3	−47	10.6	7.6	19629	14 24.9	−47 17	7.8
14 31.4	−47.6	CDM −47° 9279	14	29.6	−47	28.7	6.7	19788	14 31.2	−47 36	7.0
14 22.3	−47.6	CDM −47° 9543	14	48.1	−47	22.0	7.0	~~20202 19571~~	~~14 49.8 14 22.3~~	~~−47 28 −47 33~~	~~6.8 6.8~~
14 52.2	−47.7	CDM −47° 9575	14	50.6	−47	27.1	7.5	20266	14 52.2	−47 33	7.5
14 56.2	−47.7	CDM −47° 9634	14	54.4	−47	26.7	7.4	20369	14 56.1	−47 33	7.5
14 16.3	−47.9	CDM −47° 9082	14	14.5	−47	45.0	6.5	19428	14 16.1	−47 52	6.5
14 45.5	−47.9	CDM −47° 9492	14	44.0	−47	43.9	7.5				
14 48.1	−48.1	CDM −48° 9449	14	46.4	−48	11.0	8.2	20165	14 48.1	−48 17	7.2
14 52.3	−47.9	CDM −47° 9574	14	50.5	−47	44.0	7.7	~~20270~~ 20272 20266	~~14 52.3~~ 14 52.2	~~−47 33~~ −47 50	~~7.2~~ 9.5 7.5
15 0.5	−48.1	CDM −47° 9706	14	58.8	−47	48.5	8.2				
15 5.5	−47.9	CDM −47° 9779	15	3.9	−47	44.7	6.9	20577	15 5.6	−47 51	6.9
14 26.5	−48.9	CDM −48° 9140	14	26.1	−48	33.3	8.3	19686	14 26.8	−48 40	8.2
14 32.5	−48.7	CDM −48° 9218	14	31.1	−48	36.4	6.9	19824	14 32.8	−48 37	6.9
14 43.5	−48.9	CDM −48° 9395	14	42.2	−48	38.8	8.5				
14 36.1	−48.9	CDM −48° 9261	14	34.3	−48	42.8	8.6				

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			K Line Int.	
8.4	19.7	G	K=H	2
8.3	19.4	G	K=H	1
8.6	21.6	a	H	3
9.0	22.0	I	K=H	3
8.4	23.6	a	H	5
9.7	6.9	a	K=H	2
9.6	10.0	a	H	4
9.3	12.5	a	H	5
10.6	7.8	a	H	1
10.9	9.7	G	H	1
10.7	12.4	G	H	1
10.3	12.6	a	K=.2	3
10.2	16.7	G	H	1
10.4	18.8	a	H	2
10.6	19.5	a	H	1
11.4	10.8	B	1506 H	5
11.8	18.4	a	K=.3	2
11.2	19.7	a	H	1
12.3	7.9	K	K=H	3
12.9	14.6	a	H	1
13.0	14.9	I	H	2
12.7	22.6	a	K=H	1
13.0	23.1	a	H	1
13.2	10.8	G	H	1
13.4	18.5	Ma ?	H	1
13.7	19.1	a	H	3
14.5	10.9	a	H	2

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1900							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m 14 51.3	−48.4	CDM −48° 9494	14 49.6	−48	20.8	6.7	20240	h m 14 51.3	−48 27′	6.7
14 52.5	−48.5	CDM −48° 9516	14 50.6	−48	19.3	7.6	20271	14 52.3	−48 25	7.6
14 59.3	−48.5	CDM −48° 9606	14 57.4	−48	23.6	6.8	20450	14 59.1	−48 30	6.8
15 0.4	−48.7	CDM −48° 9630	14 58.7	−48	36.2	6.4	20478	15 0.4	−48 42	6.4
15 5.0	−48.4	CDM −48° 9706	15 3.3	−48	15.6 16.2	5.9 6.3	20570 20571	15 5.0	−48 22	4.5 6.2
14 14.0	−49.0	CDM −48° 8963	14 12.7	−48	47.4	7.7	19378	14 14.3	−48 54	7.7
14 23.3	−49.1	CDM −48° 9098	14 22.0	−48	57.6	5.9	19597	14 23.7	−49 4	5.9
14 31.4	−49.0	CDM −48° 9198	14 29.5	−48	52.8	4.5	19785	14 31.2	−49 0	4.5
14 16.3	−49.6	CDM −49° 8699	14 15.2	−49	16.7	8.0	19441	14 16.8	−49 24	8.2
14 22.1	−49.8	CDM −49° 8777	14 21.0	−49	32.8	7.3	19581	14 22.7	−49 40	8
14 30.9	−49.8	CDM −49° 8895	14 29.2	−49	32.3	7.3	19777	14 30.9	−49 39	8
14 31.5	−49.5	CDM −49° 8904	14 29.9	−49	21.3	6.9	19801	14 31.6	−49 28	6.9
14 44.0	−49.5	CDM −49° 9108	14 42.6	−49	17.8	7.5	20091	14 44.3	−49 24	9.5
14 50.4	−49.5	CDM −49° 9205	14 49.1	−49	21.9	8.0	20230	14 50.8	−49 28	8
14 52.6	−49.7	CDM −49° 9231	14 51.2	−49	27.8	8.5	20294	14 52.9	−49 34	8.5
14 25.5	−50.1	CDM −49° 8831	14 24.2	−49	54.0	5.2	19661	14 25.9	−50 1	5.2
14 49.8	−50.3	CDM −50° 8933	14 48.1	−50	4.7	7.7				
14 54.0	−50.0	CDM −49° 9241	14 52.1	−49	44.8	8.9				
14 16.8	−50.3	CDM −50° 8501	14 15.0	−50	12.2	6.2	19437	14 16.7	−50 19	6.7
14 37.5	−50.8	CDM −50° 8780	14 35.9	−50	39.4	8.6	19927	14 37.6	−50 45	8.5
14 38.0	−50.9	CDM −50° 8791	14 36.7	−50	47.2	7.0	19942	14 38.4	−50 53	7.2
15 2.6	−50.6	CDM −50° 9126	15 1.1	−50	21.0	8.3				
15 4.5	−50.8	CDM −50° 9151	15 2.7	−50	35.1	8.0	20558	15 4.5	−50 41	8.2
14 25.3	−50.9	CDM −50° 8610	14 23.8	−50	47.0	7.6	19652	14 25.5	−50 54	8.2
14 50.0	−51.1	CDM −50° 8939	14 48.3	−50	56.4	7.0	20210	14 50.0	−51 2	7.0
14 52.4	−51.2	CDM −51° 8631	14 50.5	−51	4.4	6.7	20268	14 52.2	−51 10	6.7
14 25.5	−51.6	CDM −51° 8270	14 24.0	−51	24.8	7.3	19656	14 25.7	−51 32	7.5

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Plate 3374.

v H Cl. Rem. Klinkerfues

14.6	13.2	H		N	1
14.8	15.4	a		K=.2	3
14.3	18.9	H		N	1
14.5	19.9	H		N	1
14.7	21.5	a		N	2
14.9	21.4	a		N	2
14.9	22.5	a		N	1
14.9	23.1	G		K=1.5	5
14.9	23.3	a		N	2
15.4	6.7	F	1507	K=H	1
15.4	7.3	F	1508	K=H	2
15.8	11.3	K		K=H	3
15.1	15.3	G		K=1.5	3
15.9	16.1	a		N	2
15.2	16.3	a		N	1
16.0	18.1	a		K=.1	3
15.2	20.6	a		N	1
15.9	22.7	H		N	1
17.0	8.4	I		K=H	2
16.5	12.4	I		N	2
16.9	17.5	a		K=H	1
16.6	21.7	a		N	1
17.9	5.9	H		N	1
17.6	9.0	F	1509	K=H	1
18.0	15.2	a		N	1
17.9	15.3	H		N	1
17.1	16.4	a		N	2

0h 55m.

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1900

							A.G.C. 1900 1900. No. R.A. Dec. Magn.
h m 14 33.2	−51.7	CPM −51° 8360	14 31.4	−51 31.2	7.6	19833	h m 14 33.1 − 51° 38′ 8
14 40.1	−51.8	CPM −51° 8461	14 38.5	−51 40.8	6.5	19988	14 40.2 − 51 47 6.5
14 51.5	−51.6	CPM −51° 8614	14 49.7	−51 19.9	8.5		
14 55.0	−51.7	CPM −51° 8673	14 53.1	−51 25.2	7.5	20338	14 54.9 − 51 31 7.5
14 59.7	−51.6	CPM −51° 8745	14 58.0	−51 32.6	6.8	20463	14 59.8 − 51 39 6.8
14 59.5	−51.8	Same as above star?					
15 3.0	−51.7	CPM −51° 8802	14 [5] 1.5	−51 32.4	8.5	20536	15 3.3 − 51 38 8
15 5.2	−51.7	CPM −51° 8830	15 3.3	−51 37.2	3.6	20572	15 5.1 − 51 43 3.6
15 5.9	−51.8	CPM −51° 8840	15 3.8	−51 33.3	8.0	20583	15 5.9 − 51 36 7.5
14 11.7	−51.9	CPM −51° 8108	14 10.3	−51 39.3	7.6	19338	14 12.0 − 51 46 8
14 13.9	−51.9	CPM −51° 8129	14 12.3	−51 44.8	7.3	19370	14 14.0 − 51 52 7.7
14 26.4	−52.2	CPD −52° 7301	14 24.9	−52 7.6	7.1	19679	14 26.6 − 52 14 6.5
14 40.1	−51.9	CPM −51° 8457	14 38.3	−51 51.2	5.8	19985	14 40.0 − 51 57 5.8
14 42.6	−52.4	CPD −52° 7544	14 41.0	−52 13.4	7.7	20054	14 42.7 − 52 19 7.3
14 43.0	−52.1	CPM −51° 8500	14 41.5	−51 51.8	7.9	20067	14 43.2 − 51 58 8
14 49.5	−52.4	CPD −52° 7634	14 47.4	−52 17.9	5.9	20189	14 49.2 − 52 24 6.0
14 56.9	−51.9	CPM −51° 8703	14 56.2	−51 43.4	8.1	20388	14 57.0 − 51 49 8
15 4.0	−52.2	CPD −52° 7934	15 2.2	−52 3.5	7.8	20547	15 3.9 − 52 9 7.5
14 17.1	−52.8	CPD −52° 7195	14 15.3	−52 36.3	7.3	19444	14 17.0 − 52 43 6.6
14 30.1	−52.7	CPD −52° 7350	14 28.5	−52 30.7	7.6	19759	14 30.2 − 52 38 7.2
14 47.1	−52.9	CPD −52° 7609	14 45.3	−52 41.0	7.8		
15 1.0	−52.6	CPD −52° 7861	14 59.2	−52 23.5	8.2	20465	14 59.9 − 52 32 8
14 8.9	−53.1	CPD −52° 7087	14 6.9	−52 55.5	7.5	19282	14 8.6 − 53 2 7.0
14 19.0	−53.1	CPD −52° 7213	14 17.2	−52 53.2	7.7	19496	14 18.9 − 53 0 8
14 39.1	−53.6	CPD −53° 6099	14 37.9	−53 19.8	8.2	19973	14 39.7 − 53 26 7.8
14 40.0	−53.5	CPD −53° 6103	14 38.2	−53 14.7	7.6	19981	14 40.0 − 53 21 7.2
14 43.6	−52.9	CPD −52° 7558	14 42.0	−52 50.7	7.2	20074	14 43.8 − 52 57 6.9

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Plate 3374

23h 40m

V	H	Cl	Rem.	Kline	Int.
16.7	15.7	a		K=H	1
18.3	19.9	H		N	1
18.4	21.7	a		K=H	1
19.5	12.7	a		K=H	1
19.6	14.1	a		N	2
20.0	15.2	F	1510	K=H	1
20.2	5.7	a		N	3
20.6	9.2	H		K=H	2
21.0	10.1	a		N	1
20.4	11.5	F	1511	K=H	3
20.1	14.3	a		K=H	2
21.6	8.4	a		N	2
21.4	11.2	a		N	1
21.5	14.8	a		N	3
21.6	19.0	a		N	1
21.4	22.0	F		K=H	3
22.3	7.0	a		K=H	2
22.9	10.3	a		K=H	1
22.8	10.6	a		N	2
22.5	15.6	a		N	1
22.3	18.1	a		K=H	1
23.4	7.9	a		N	4
23.3	13.5	H		N	2
23.7	15.8	H		N	2
23.1	19.3	a		N	2

Margin note (at 19.6 row): Two stars superposed. On A3597 the prec. [fol.?] Southern is Cl. A; the fol. [prec.?] Northern Cl. A5F

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A.G.C. 1900. 1900
No. R.A. Dec. Magn.

1900

h	m	°												
14	41.5	−53 8	CPD	−53° 6111	14	39.9	−53	34.8	8.2					
14	55.5	−53.6	CPD	−53° 6206	14	53.7	−53	19.8	8.4					
15	1.4	−53.6	CPD	−53° 6301	14	59.6	−53	19.1	8.1	20497	15	1.4	−53 25	8.5
14	30.7	−54.2	CPD	−53° 6037/8	14	29.2/3	−53	57.0/58.2	8.2/8.2	19779	14	30.9	−54 5	7.8
14	35.5	−54.2	CPD	−54° 6116	14	33.7	−54	3.8	7.4	19876	14	35.5	−54 10	7.8
14	39.9	−54.5	CPD	−54° 6156	14	37.9	−54	17.4	8.0					
14	6.5	−54.2	CPD	−54° 5933	14	5.2	−54	2.3	7.2	19246	14	6.9	−54 9	6.6
14	18.0	−54.7	CPD	−54° 5990	14	16.7	−54	26.9	7.6	19476	14	18.4	−54 34	7.2
14	21.4	−54.9	CPD	−54° 6021	14	20.0	−54	39.5	7.8	19560	14	21.7	−54 46	8.5
14	26.5	−54.6	CPD	−54° 6053	14	24.8	−54	26.7	6.9	19674	14	26.5	−54 34	6.5
14	36.0	−54.5	CPD	−54° 6130	14	34.5	−54	18.9	7.6	19896	14	36.3	−54 25	8
14	15.6	−55.1	CPD	−54° 5975	14	14.0	−54	51.5	7.2	19414	14	15.8	−54 58	7
14	25.4	−55.2	CPD	−54° 6044	14	23.7	−54	54.6	7.4	19646	14	25.4	−55 1	8
14	37.7	−55.2	CPD	−55° 6150/2	14	36.2/3	−55	4.2/4.6	6.8/8.3	19934 19937	14	38.0/38.1	−55 10	6.5 7.5
14	52.6	−55.3	CPD	−55° 6284	14	50.9	−55	0.3	7.9	20282	14	52.7	−55 6	8
15	3.6	−54.9	CPD	−54° 6367	15 m	2.0	−54	52.2	7.4	20543	15	3.8	−54 58	6.3
14	10.1	−55.4	CPD	−55° 6164	14	8.8	−55	11.1	7.5	19314	14	10.5	−55 18	7.1
14	22.0	−55.9	CPD	−55° 6023	14	20.2	−55	34.3	7.4	19563	14	21.9	−55 41	7.3
14	23.2	−55.8	CPD	−55° 6025	14	21.1	−55	34.1	7.6	19583	14	22.8	−55 41	7.3
14	41.0	−55.7	CPD	−55° 6175	14	39.1	−55	28.8	7.6					
14	50.2	−55.6	CPD	−55° 6256	14	47.9	−55	24.1	8.0	20198	14	49.7	−55 30	7.5
14	13.2	−55.9	CPD	−55° 5984	14	11.6	−55	48.6	4.7	19358	14	13.3	−55 56	5.0
14	33.2	−56.1	CPD	−55° 6107	14	31.5	−55	54.0	7.3	19835	14	33.3	−56 1	6.7
14	41.5	−56.2	CPD	−56° 6441	14	40.0	−56	8.4	7.0	20029	14	41.8	−56 14	6.7
14	54.5	−56.0	CPD	−55° 6296	14	52.4	−55	45.7	7.6	20323	14	54.2	−55 52	7.1

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R.A. 15h 22m Dec. -51.°6

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Plate 3723

V.	H.	Cl.	Rem.	Nr.	Klinc	Int.
4.9	6.8	a			N	4
4.9	10.0	a			K=0.5H	1
5.0	13.4	H			N	1
4.1	15.1	b			K=H	2
5.0	16.5	a			N	1
6.0	9.2	a			N	1
5.1	10.5	a			N	1
5.1	15.8	a			N	1
5.8	16.4	a			K=H	2
5.2	16.8	H			N	1
5.2	17.0	a			N	1
6.0	17.5	a			N	1
5.2	21.8	a			N	1
5.2	22.6	I			K=H	2
6.9	6.2	H			N	1
6.6	8.0	a			K=H	1
6.8	10.6	a			K=0.2H	3
6.8	10.4	a			K=0.2H	2
6.1	10.8	H			N	1
6.4	10.9	g			K=H	2
6.5	11.4	Ph		1512	K=H	2
6.4	11.5	a			N	4
6.2	12.3	Ph		1513	K=H	2
6.4	12.4	Ph		1514	K=H	3
6.5	12.9	Ph		1515	K=H	1
6.5	15.6	g			K=H	2
6.2	19.0	Nova?			N	2

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1900					A.G.C. 1900 No.	1900 R.A.	Dec.	Magn.
14 58.1	-46.7	CDM -46° 9773	15 56.6	-46 33.5	7.3	20428	14 58.3	-46 40	4.3
15 7.2	-46.7	CDM -46° 9895	15 5.9	-46 33.8	7.8	20622	15 7.6	-46 40	7.5
15 18.0	-46.9	CDM -46° 10043	15 16.5	-46 46.3	6.7	20841	15 18.2	-46 52	7.2
15 22.2	-46.7	CDM -46° 10100	15 20.7	-46 17.8	5.9	20948	15 22.4	-46 23	5.9
~~15 26.4~~	~~-46.9~~	CDM -46° 10158	15 24.8	-46 39.0	8.7	~~21039~~	~~15 26.7~~	~~-46 45~~	~~8.2~~
15 5.0	-47.3	CDM -47° 9768	15 3.3	-47 6.4	8.6				
15 9.1	-46.9	CDM -46° 9905	15 7.3	-46 41.2	8.0				
15 24.5	-46.9	CDM -46° 10131	15 22.7	-46 45.8	9.1				
15 26.7	-47.2	CDM -47° 10092	15 24.8	-47 6.6	7.5	21038	15 26.5	-47 12	7.5
15 27.7	-46.9	CDM -46° 10169	15 25.7	-46 48.2	7.7	21060	15 27.4	-46 53	8.2
~~15 28.1~~	~~-46.9~~	CDM -46° 10175	15 26.2	-46 49.1	8.4	~~21088~~	~~15 28.7~~	~~-46 53~~	~~9.5~~
~~15 30.0~~	~~-47.3~~	CDM -47° 10140	15 28.0	-47 9.2	9.0	~~21130~~	~~15 30.4~~	~~-47 5~~	~~9~~
15 42.0	-46.8	CDM -46° 10395	15 40.3	-46 38.4	8.3				
15 44.5	-46.8	CDM -46° 10430	15 42.7	-46 40.7	6.5	21446	15 44.5	-46 46	6.5
14 55.9	-47.6	CDM -47° 9634	14 54.4	-47 26.7	7.4	20369	14 56.1	-47 33	7.5
15 1.4	-47.6	CDM -47° 9721	15 59.7	-47 21.0	9.2				
15 9.0	-47.8	CDM -47° 9824	15 7.2	-47 36.4	6.5	~~20682~~ 20655	15 ~~7.3~~ 8.9	-47 ~~42~~ 47	~~7.2~~ 6.5
15 9.3	-47.8	CDM -47° 9830	15 7.6	-47 34.8	7.3	20663	15 9.3	-47 41	7.2
15 9.1	-47.4	CDM -47° 9835	15 7.9	-47 13.6	7.5	20676	15 9.6	-47 20	7.5
15 9.7	-47.6	CDM -47° 9839	15 8.2	-47 23.8	6.7	20686	15 9.9	-47 30	7
15 11.0	-47.6	CDM -47° 9853	15 9.5	-47 26.0	7.2	20708	15 11.2	-47 32	7
16 11.5	-47.5	CDM -47° 9861	15 9.8 9.9	-47 24.6 25.0	5.0 8.3	20713 20714	15 11.5 11.6	-47 31	5 7
15 14.4	-47.4	CDM -47° 9904	15 12.4	-47 18.3	7.4	20756	15 14.1	-47 24	7.5
15 15.5	-47.6	CDM -47° 9922	15 13.4	-47 28.2	5.0	20796	15 15.7	-47 34	~~8.5~~ 5.8
15 16.0	-47.6	CDM -47° 9926	15 14.0	-47 27.6	8.9	20796	15 15.7	-47 34	8.5
15 24.0	-47.6	CDM -47° 10047	15 22.2	-47 29.2	7.5	20979	15 23.9	-47 34	7.5
15 33.8	-47.4	CDM -47° 10210	15 32.1	-47 19.4	6.9	21215	15 33.9	-47 25	6.9

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Plate 3723
D. H. Cl. Rem. Nr. Kline Inst.

7.5	7.5	F	1516	K=H	1
7.5	7.8	a		K=H	1
7.6	8.1	a		N	1
7.1	9.5	F		K=H	2
7.2	12.7	G		K=H	3
7.8	13.5	a		K=0.2H	2
8.0	14.1	F	1517	K=H	1
8.0	16.8	F	1516	K=H	1
7.4	17.0	a		N	1
8.0	17.3	H		N	1
7.9	18.2	H		N	1
7.3	18.8	a		N	1
7.4	19.3 ?	7.4	18.3	a	N 1
7.5	22.7	a		N	1
7.6	24.3	a		K=H	3
8.6	6.4	a		N	1
8.6	7.4	B	1519	N	2
8.9	7.9	F		K=H	2
8.1	9.4	a		N	4
8.2	10.4	H		N	1
8.8	10.7	a		N	1
8.7	16.4	H		N	1
8.7	16.6	a		K=H	1
9.0	18.5	a		N	1
8.6	19.6	a		N	1
8.1	20.5	a		N	1
8.3	20.8	a		N	3

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A.G.C. 1900 1900
No. R.a. Dec. Magn.

1900 h m °													
14 59.5	−48.0	CDM −47° 9695	14 58.0	−47 46.9	8.5								
15 0.5	−48.0	CDM −47° 9706	14 58.8	−47 48.6	8.2								
15 1.2	−48.2	CDM −47° 9720	14 59.7	−47 53.4	9.3								
15 5.6	−47.9	CDM −47° 9779	15 3.9	−47 44.7	6.9	20577	15 5.6	−47 51	6.9				
15 15.1	−47.9	CDM −47° 9919	15 13.3	−47 51.9	5.7	20783	15 15.1	−47 57	6.4				
15 18.0	−48.3	CDM −48° 9912	15 15.8	−48 8.0	7.7	20832	15 17.5	−48 14	7.8				
15 19.6	−48.3	CDM −48° 9940	15 17.5	−48 11.6	8.0								
15 27.4	−48.4	CDM −48° 10083	15 26.1	−48 13.7	9.2	~~21047~~	~~15 26.9~~	~~−48 39~~	~~8~~				
15 28.0	−48.0	CDM −47° 10120	15 26.5	−47 49.0	9.5								
15 28.9	−48.4	CDM −48° ~~10120~~ 10099	15 ~~26.5~~ 27.3	~~−47~~ −48	~~49.0~~ 17.6	~~9.5~~ 8.0							
15 31.5	−48.3	CDM −48° 10157	15 30.2	−48 12.2	7.9	21168	15 32.0	−48 17	8				
15 33.5	−48.0	CDM −47° 10202	15 31.8	−47 46.8	9.3								
15 34.9	−48.0	CDM −47° 10225	15 33.1	−47 52.9	8.8	21238	15 34.9	−47 58	8.2				
15 45.1	−48.0	CDM −47° 10389	15 43.3	−47 47.6	8.8								
15 49.7	−47.9	CDM −47° 10456	15 48.1	−47 47.4	6.7	21568	15 49.9	−47 51	6.7				
14 56.0	−48.5	CDM −48° 9562	14 54.5	−48 17.6	8.7	20372	15 56.2	−48 24	8.8				
14 59.3	−48.5	CDM −48° 9606	14 57.4	−48 23.6	6.8	20450	14 59.1	−48 30	6.8				
15 0.5	−48.7	CDM −48° 9630	14 58.7	−48 36.2	6.4	20478	15 0.4	−48 42	6.4				
15 5.1	−48.4	CDM −48° 9705	15 3.3	−48 15.6 16.2	5.9 6.3	20570 20571	15 5.0	−48 22	4.5 6.2				
15 7.9	−48.4	CDM −48° 9750	15 6.3	−48 16.7	8.7	20635	15 8.0	−48 23	8.2				
15 9.0	−48.8	CDM −48° 9766	15 7.3	−48 33.0	8.6	20658	15 9.0	−48 39	8				
15 26.1	−48.6	CDM −48° 10057	15 24.6	−48 34.4	7.7	21036	15 26.4	−48 39	8				
15 26.7	−48.7	CDM −48° 10068	15 25.1	−48 34.3	9.0	21047	15 26.9	−48 39	8				
15 32.4	−48.8	CDM −48° 10168	15 30.8	−48 39.4	8.9								
15 36.0	−48.6	CDM −48° 10233	15 34.3	−48 28.3	8.7								
15 38.5	−48.4	CDM −48° 10282	15 36.8	−48 12.9	8.7								
15 39.5	−48.5	CDM −48° 10296	15 37.7	−48 20.6	7.0	21339	15 39.5	−48 26	7.0				

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	V. H. Cl.	Rem.		Klinc Int.	
8.4	21.6	H		N	1
8.7	21.8	a		N	3
9.0	21.9	H		K=H	2
9.2	7.1	H		N	1
9.2	10.6	a		N	1
9.4	11.3	F	1520	K=H	1
9.5	14.4	a		K=0.3H	2
9.7	15.6	a		N	1
9.9	17.0	B	1521	N	2
9.2	19.3	H		N	1
9.6	19.3	K		K=H	2
9.3	19.8	a		N	1
9.4	21.1	F	1522	K=H	1
9.3	21.2	H		N	1
10.0	23.4	F	1523	K=H	1
10.9	5.6	a		N	1
10.4	10.3	a		N	1
10.3	12.8	a		N	1
10.2	14.2	a		N	1
10.1	14.5	H		K=H	1
11.0	14.5	a		N	1
10.8	14.7	a		N	2
10.5	15.0	b		K=H	1
10.9	15.8	F	1524	K=H	2
10.8	16.5	H		N	1
10.4	20.2	a		N	1
10.3	21.1	H		N	1

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1900					A.G.C.	1900	1900		
					No.	R.A.	Decl	Magn.	
h m						h m	° ′		
15 41.5	−48.6	CDM −48° 10336	15 40.0	−48 22.5	7.8	21387	15 41.8	−48 27	8
15 42.5	−48.7	CDM −48° 10349	15 40.9	−48 31.6	6.4	21405	15 42.7	−48 37	6.4
15 43.0	−48.9	CDM −48° 10355	15 41.2	−48 39.2	7.3	21414	15 43.0	−48 44	7.5
14 58.1	−48.8	CDM −48° 9591	14 56.3	−48 41.2	8.3				
15 8.5	−48.9	CDM −48° 9757	15 6.7	−48 44.7	8.5	20647	15 8.5	−48 51	8
15 10.7	−49.0	CDM −48° 9791	15 8.8	−48 55.8	8.1	20696	15 10.5	−49 2	8
15 20.2	−49.1	CDM ~~−48° 9912~~ −49° 9628	~~15 15.8~~ 15 18.3	~~−48 8.0~~ −49 0.7	~~7.7~~ 7.5	20893	15 20.1	−49 6	7.5
15 24.3	−49.2	CDM −49° 9681	15 22.1	−49 4.3	8.5	20978	15 23.9	−49 9	8.5
15 28.0	−49.4	CDM −49° 9774	15 26.3	−49 14.9	7.0	21073	15 28.1	−49 20	7.2
15 35.0	−48.9	CDM −48° 10218	15 33.4	−48 48.6	7.3	21241	15 35.2	−48 54	7
15 35.4	−49.2	CDM −49° 9909	15 33.6	−49 5.1	6.6	21244	15 35.4	−49 10	6.6
15 37.0	−49.0	CDM −48° 10247	15 35.2	−48 49.2	9.1	21285	15 37.0	−48 54	8.8
15 40.5	−49.1	CDM −48° 10324	15 38.7	−48 50.9	8.8	21357	15 40.5	−48 55	8.5
15 41.0	−49.0	CDM −48° 10324	15 39.2	−48 50.9	8.8	21371	15 41.0	−48 56	7.8
15 47.4	−49.1	CDM −49° 10126	15 45.8	−49 1.7	7.8	21514	15 47.6	−49 7	8
14 52.9	−49.7	CDM −49° 9231	14 51.2	−49 27.8	8.5	20294	14 52.9	−49 34	8.5
15 7.7	−49.6	CDM −49° 9461	15 7.1	−49 24.5	8.8				
15 15.6	−49.6	CDM −49° 9564	15 13.4	−49 21.3	9.0				
15 19.8	−49.5	CDM −49° 9620	15 17.8	−49 20.0	9.5				
15 20.5	−49.5	CDM −49° 9631	15 18.5	−49 20.6	7.5	20898	15 20.3	−49 26	7
15 20.6	−49.9	CDM −49° 9634	15 18.7	−49 43.4	9.5	~~20906~~	~~15 20.9~~	~~−49 46~~	~~7.8~~
15 21.1	−49.8	CDM −49° 9641	15 19.1	−49 40.7	8.7	20906	15 20.9	−49 46	7.8
15 22.5	−49.6	CDM −49° 9653	15 20.4	−49 30.8	7.6	20938	15 22.2	−49 36	7.5
15 25.2	−49.8	CDM −49° 9697	15 22.9	−49 44.2	8.2	20999	15 24.7	−49 49	8.8
15 27.2	−49.8	CDM −49° 9748	15 24.9	−49 39.9	8.3	21039	15 26.7	−49 45	8.2
15 38.0	−49.6	CDM −49° 9961	15 36.2	−49 24.7	8.4				
15 41.4	−49.5	CDM −49° 10007	15 39.1	−49 20.8	7.0	21372	15 40.9	−49 27	8.2

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V. H.	Cl.	Rem.	No.	Kline Int.
10.2	21.2	E		K=H 1
11.0	23.5	H		N 1
10.5	23.9	a		N 1
11.5	5.9	a		N 1
11.2	12.3	a		N 1
11.9	12.8	a		N 1
12.0	15.0	a		K=0.5H 2
11.6	15.6	a		N 1
11.9	15.9	a		K=H 2
11.6	16.5	a		N 1
11.1	19.8	a		K=H 3
11.9	20.3	a		N 1
11.3	20.6	a		N 2
12.0	21.0	a		K=H 2
12.5	22.6	a		N 1
12.0	22.9	a		N 2
11.6	23.2	a		K=H 3
11.9	24.0	a		K=H 2
12.9	5.6	a		N 1
12.2	8.6	a		N 1
12.4	9.0	a		N 1
12.8	9.5	a		K=H 2
12.5	11.6	a		N 2
12.9	13.1	a		N 1
12.9	14.9	a		N 1
13.0	15.0	a		N 1
13.0	15.1	a_2		K=H 1

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1900

h m	°								N.G.C. 1900	h m	°		1900 No. R.A. Dec. Magn.
15 41.0	-49.4	CDM -49° 10008	15 39.3	-49	22.4	7.4	21365	72	15	40.4	-49	26	7.8
15 ~~47.4 45.2~~	-50.8	CDM -49° 10134	15 46.2	-49	36.4	7.3	21510 21511		15	47.4	-50	3	7.5 7.8
15 49.5	-49.4	CDM -49° 10154	15 47.4	-49	16.5	8.7	21523		14	48.0	-49	41	7.4
14 53.5	-50.0	CDM -49° 9241	14 52.1	-49	44.8	8.9	20314		14	53.8	-49	51	8.5
15 13.6	-50.0	CDM -49° 9535	15 11.7	-49	49.3	8.7							
15 15.1	-50.4	CDM -50° 9352	15 ~~15.0~~ 13.1	-50	~~50.6~~ 9.5	~~9.8~~ 9.4							
15 22.5	-50.5	CDM -50° 9468	15 20.5	-50	17.9	7.9	20940		15	22.2	-50	23	8
15 24.4	-50.2	CDM -50° 9509	15 22.1	-50	4.6	9.1							
15 25.6	-50.3	CDM -50° 9531	15 23.3	-50	13.6	8.1	21006		15	25.1	-50	19	7.8
15 32.7	-50.3	CDM -50° ~~9112~~ 9492	~~15.0~~ 15 31.1	-50	~~12.3~~ 3.6	~~8.8~~ 8.8							
15 36.7	-50.7	CDM -49° 9937	15 35.1	-49	48.8	6.7	21267	82	15	36.1	-50	46	7.0 8.5
15 38.5	-50.3	CDM -50° 9802	15 36.7	-50	8.3	8.7							
15 39.5	-50.0	CDM -49° 9981	15 37.6	-49	49.6	7.9							
15 40.5	-50.3	CDM -50° 9853	15 38.9	-50	12.0	6.5	21361		15	40.7	-50	17	7.0
15 45.5	-50.0	CDM -49° 10086	15 43.7	-49	49.5	8.7	21472		15	45.4	-50	19	6.9
15 46.5	-50.3	CDM -50° 9960	15 44.9	-50	6.9	7.7	21497		15	46.7	-50	12	8
15 47.2	-50.1	CDM -49° 10122/3	15 45.6	-49	57.8 57.5	7.8 9.0	21610 21511		15	47.4	-50	3	7.5 7.8
15 50.0	-50.1	CDM -49° 10173	15 48.2	-49	54.3	7.7	21574		15	50.0	-49	58	8.5
14 52.5	-51.2	CDM -50° 8933	14 48.1	-50	4.7	7.7	20268		14	52.2	-51	10	6.7
15 1.7	-50.3	CDM -50° 9012	15 0.0	-50	12.3	8.8							
15 3.0	-50.5	CDM -50° 9126	15 1.1	-50	21.0	8.3							
15 5.0	-50.7	CDM -50° 9151	15 2.7	-50	35.1	8.0	20558		15	4.5	-50	41	8.2
15 11.0	-50.8	CDM -50° 9270	15 10.5	-50	29.3	9.0							
15 16.0	-50.9	CDM -50° 9330	15 14.0	-50	41.4	8.8							
15 21.5	-50.8	CDM -50° 9439	15 19.4	-50	42.2	9.2							
15 22.4	-50.9	CDM -50° 9463	15 20.2	-50	47.6	8.9	20941		15	22.3	-50	55	8.5
15 22.7	-50.9	CDM -50° 9469	15 20.5	-50	49.7	8.8	20945	1	15	22.4	-50	54	8.5 9
								3				5	

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V. H. Cl. Rem. Nr. Klinc Instr.

12.8	15.3	a		Nr 2	
12.4	15.8	H		Nr 1	
12.4	16.3	a		Nr 1	
12.8	16.6	a		Nr 1	
12.9	19.3	a		Nr 2	
12.8	19.8	a		Nr 2	
12.3	20.0	a		K=0.2H 3	
12.6	20.3	a		Nr 1.	
12.2	22.5	H		Nr 2	
12.3	23.5	a		Nr 1	
13.6	12.1	a		K=H 1	
13.9	9.9	a		K=H 1	
13.9	13.2	Y		K=H 2	
13.2	13.4	a		Nr 1	
13.2	13.9	Y		K=H 2	
13.6	14.8	Y		K=H 3	
13.4	15.0	a		Nr 2	
13.6	15.3	F	1525	K=H 1	
13.2	15.5	a		Nr 1	
13.1	18.8	a		Nr 1	
13.6	18.9	H		Nr 1	
13.3	19.3	a		Nr 2	
13.9	19.4	Y		K=H 2	
13.2	22.2	a		Nr 2	
13.5	22.9	a		Nr 2	
13.3	23.3	a		Nr 2	
14.1	6.4	a		Nr 3	

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1900 h m					A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
15 23.5	−50.9	CDM −50° 9494	15 21.3	−50 43.6	9.1			
15 25.2	−50.6	CDM −50° 9522	15 22.9	−50 30.9	8.0	20995	15 24.7	−50 36 8
15 26.4	−50.8	CDM −50° 9554	15 24.5	−50 36.2	9.2	21009	15 25.2	−50 44 9
15 26.5	−50.8	CDM −50° 9571	15 25.4	−50 40.7	9.3			
15 35.6	−50.9	CDM −50° 9755	15 34.1	−50 42.7	8.0	21254	15 35.9	−50 48 7.8
15 37.4	−50.9	CDM −50° 9779	15 35.6	−50 40.5	8.1	21295	15 37.4	−50 46 8.5
15 37.7	−50.5	CDM −50° 9787	15 35.8	−50 23.2	7.0	21306	15 37.6	−50 28 6.8
15 39.0	−50.6	CDM −50° 9808	15 37.1	−50 31.2	8.7			
15 45.3	−50.3	CDM −50° 9939	15 43.6	−50 14.0	6.3	21472	15 45.4	−50 19 6.9
15 48.5	−50.4	CDM −50° 9990	15 46.6	−50 10.4	9.2			
15 12.5	−51.2	CDM −51° 8974	15 10.9	−51 2.0	8.3	20726	15 12.3	−51 24 8.8
15 5.7	−51.3	CDM −51° 8836	15 3.6	−51 6.1	9.1	20583	15 5.8	−51 36 7.5
15 16.0	−51.4	CDM −51° 9032	15 14.1	−51 16.9	7.1	20800	15 15.9	−51 23 7.3
15 17.0	−51.0	CDM −50° 9350	15 15.0	−50 50.6	9.8			
15 18.5	−51.0	CDM −50° 9383	15 16.5	−50 53.6	7.3	20845	15 18.3	−51 0 7.3
15 21.5	−51.2	CDM −51° 9132	15 19.3	−51 9.6	6.9	20910	15 21.1	−51 15 6.9
15 22.5	−51.1	CDM −50° 9467	15 20.6	−50 57.2	7.5	20939 20944	15 22.4 22.3	−51 22.4 −50 55 8.5 8.5 9
15 23.6	−51.3	CDM −51° 9167	15 21.4	−51 5.7	9.4			
15 24.1	−51.1	CDM −50° 9505	15 22.0	−50 52.7	9.2			
15 34.0	−50.9	CDM −50° 9717	15 32.3	−50 46.9	9.1			
15 34.5	−51.2	CDM −51° 9373	15 32.6	−51 3.9	7.5	21225	15 34.4	−51 9 7.2
15 35.6	−51.1	CDM −50° 9746	15 33.8	−50 55.1	8.1			
15 36.2	−51.3	CDM −51° 9317	15 34.4	−51 13.5	7.5	21266	15 36.2	−51 19 7.3
15 44.5	−50.9	CDM −50° 9927	15 42.8	−50 45.4	7.9	21452	15 44.6	−50 51 8.2
15 47.0	−51.0	CDM −50° 9966	15 45.2	−50 51.6	7.6	21502	15 47.0	−50 57 7.8
15 48.1	−51.0	CDM −50° 9986	15 46.4	−50 45.4	8.0	21528	15 48.2	−50 50 8.5
14 52.3	−51.2	CDM −50° 8939	14 48.3	−50 56.4	7.0	21268	14 52.2	−51 10 7.9

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V	H	Cl.	Rem.	Kline Int.
14.6	6.6	H		N 1
14.7	8.2	a		N 2
14.8	8.2	a		N 2
14.7	9.3	a		N 2
14.7	9.8	K		K=1.2H 4
14.6	10.0	a		N 2
14.6	10.1	H		N 1
14.8	10.3	a		N 2
14.6	10.6	H		N 1
14.4	11.1	a		N 1
14.8	11.7	a		N 2
14.2	11.8	a		N 1
14.2	12.5	a		N 1
14.5	13.0	a		N 1
14.8	13.4	a		N 2
14.5	13.7	a		N 1
14.4	14.3	a		K=H 1
15.0	15.2	a		N 3
14.5	19.5	a		N 2
14.2	19.6	a	15.26	K=H 2
15.0	20.3	a		N 3
14.4	20.6	a		N 1
14.9	21.1	a		N 1
14.1	22.0	a		N 2
14.7	22.6	a		N 2
15.2	7.3	a		N 2
15.7	9.5	K		K H 2

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1900					A.G.C. 1900	1900			
					No.	R.A.	Dec.	Magn	
h m	°					h m	° ′		
14 54.7	−51.6	CPM −51° 8673	14 53.1	−51 25.2	7.5	20338	14 54.6	−51 31	~~7.5~~
14 59.6	−51.6	CPM −51° 8745	14 58.0	−51 32.6	6.8	20463	14 59.8	−51 39	6.8
14 59.9	−51.7								
15 3.0	−51.7	CPM −51° 8802	15 1.5	−51 32.4	8.5	20536	15 3.3	−51 38	8
15 5.1	−51.8	CPM −51° 8830	15 3.3	−51 37.2	3.6	20572	15 5.1	−51 43	3.6
15 5.5	−51.8	CPM −51° 8840	15 3.8	−51 33.3	8.0	20575 20576	15 5.6	−51 39	10 8 mag?
15 6.2	−51.7	CPM −51° 8844	15 4.0	−51 30.0	7.9	20583	15 5.8	−51 36	7.5
15 7.0	−51.8	CPM −51° 8866	15 4.8	−51 37.5	8.7	20599	15 6.6	−51 44	8.8
15 8.0	−51.7	CPM −51° 8883	15 5.8	−51 31.9	8.5	20617	15 7.6	−51 38	8.5
15 9.9	−51.6	CPM −51° 8914	15 7.5	−51 25.8	8.7	~~20707~~	~~15 11.3~~	~~−51 46~~	~~8.5~~
15 11.9	−51.9	CPM −51° 8950	15 9.5	−51 39.5	8.6	20707	15 11.3	−51 46	8.5
15 12.1	−51.5	CPM −51° 8955	15 9.8	−51 20.3	9.0	20726	15 11.6	−51 27	8.8
15 14.5	−51.6	CPM −51° 8995	15 11.9	−51 20.6	9.1				
15 15.5	−51.7	CPM −51° 9032	15 14.1	−51 16.9	7.1				
15 16.7	−51.8	CPM −51° 9046	15 14.9	−51 42.0	8.6				
15 17.5	−51.7	CPM −51° 9057	15 15.6	−51 32.7	9.0				
15 20.0	−51.7	CPM −51° 9099	15 17.8	−51 29.4	8.9				
15 22.5	−51.9	CPM −51° 9157	15 20.8	−51 52.1	7.0	20950	15 22.6	−51 57	7.0
15 36.6	−51.7	CPM −51° 9421	15 34.8	−51 30.3	7.1	21277	15 36.6	−51 35	7.5
15 37.0	−51.5	CPM −51° 9429	15 35.0	−51 18.6	8.6	21281	15 36.8	−51 24	8.2
15 39.5	−51.9	CPM −51° 9474	15 37.5	−51 45.1	7.3	21337	15 39.4	−51 59	7.2 ~~8.5~~
15 40.5	−51.5	CPM −51° 9490	15 38.3	−51 22.2	9.0				
15 41.9	−51.8	CPM −51° 9517	15 39.7	−51 38.9	8.5	~~21382~~	~~15 41.8~~	~~−51 55~~	~~7.5~~
15 44.2	−51.7	CPM −51° 9570	15 42.6	−51 14.4	7.6	21444	15 44.5	−51 19	8.8
15 46.4	−51.7	CPM −51° 9599	15 44.6	−51 28.9	8.1	21492	15 46.5	−51 34	7.8
14 56.7	−51.9	CPM −51° 8703	14 55.2	−51 43.4	8.1	20388	14 57.0	−51 49	8
15 4.1	−52.3	CPD −52° 7934	15 2.21	−52 3.5	7.8	20547	15 3.9	−52 9	7.5

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D. H. Eb. Rem. No. Kline Int.

15.6	11.3	a		N	1
15.1	13.1	a		N	1
15.9	13.5	H		N	1
15.1	11.6	Ha		N	1
15.2	12.6	a		N	1
15.2	14.9	a		N	1
15.8	15.5	a		N	2
15.2	17.9	a		N	3
15.1	18.5	a		N	1.
15.9	20.0	a		N	2
15.6	20.9	K		K=H	2
16.0	21.2	a		N	2
16.5	8.3	H		N	1
16.5	8.9	a		K=H	1
17.0	12.9	H		N	1
16.0	12.6	H		N	1
16.8	13.1	a		N	1
16.8	13.3	Ca	16 24	K=H	1
16.2	13.6	H		N	1
16.6	14.0	a		K=0.5H	3
16.6	14.9	a		N	2
16.2	15.2	H		N	1
16.4	15.3	a		K=0.5H	2
16.1	15.4	a		N	1
16.3	15.6	a		N	1
16.2	15.9	a		N	2
16.6	16.1	a		N	1

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1900							N.G.C.	1900	1900
h m °							No.	R.A.	Dec. Magn.
15 9.9	−52.3	CPD −52° 8076	15 8.0	−52 3.8	8.2				
15 15.5	−52.0	CDM −51° 9030	15 13.9	−51 50.9	8.9				
15 17.0	−52.4	CPD −52° 8265	15 15.2	−52 16.1	8.0	20823	15 17.0	−52 22	8
15 10.6	−52.0	CDM −51° 8936	15 8.8	−51 49.2	8.8	20697	15 10.6	−51 55	8.8
15 14.0	−52.0	CDM −51° 9005	15 12.4	−51 52.7	9.1	20758	15 14.2	−51 59	9
15 21.1	−52.0	CDM −51° 9129	15 19.2	−51 56.1	9.0				
15 24.0	−52.3	CPD −52° 8834	15 21.8	−52 12.8	7.8	20971	15 23.6	−52 18	9.8 Magn?
15 31.2	−52.0	CDM −51° 9324	15 29.5	−51 57.2	8.8	21150	15 31.3	−52 2	8.8
15 33.3	−52.1	CDM −51° 9361	15 31.4	−51 49.1	9.2				
15 38.0	−52.3	CPD −52° 8847	15 36.6	−52 12.1	8.2	21321	15 38.5	−52 17	8.5
15 41.3	−52.1	CPD −52° 8912	15 39.5	−52 3.0	7.6	21375	15 41.4	−52 8	6.7
15 42.7	−52.5	CPD −52° 8937	15 40.4	−52 10.6	7.6	21398	15 42.4	−52 8.4	8.8
14 59.9	−52.6	CPD −52° 7842	14 58.1	−52 25.4	8.4	20465	14 59.9	−52 32	8
15 0.9	−52.6	CPD −52° 7861	14 59.2	−52 23.5	8.2				
15 14.5	−52.9	CPD −52° 8213	15 13.1	−52 46.9	8.0	20777	15 14.9	−52 53	7.8
15 13.5	−52.4	CPD −52° 8176	15 12.1	−52 15.3	8.6	20750	15 13.9	−52 21	8.2
15 15.5	−52.8	CPD −52° 8228	15 13.7	−52 41.0	8.0				
15 16.0	−52.9	CPD −52° 8243	15 14.4	−52 42.5	8.0				
15 17.0	−52.6	CPD −52° 8272	15 15.4	−52 24.4	7.8	20828	15 17.2	−52 30	8.2
15 18.2	−52.7	CPD −52° 8303	15 16.5	−52 36.7	7.4	20842	15 18.3	−52 43	7.0
15 21.5	−52.8	CPD −52° 8382	15 19.7	−52 38.9	8.0				
15 22.6	−52.6	CPD −52° 8408	15 20.8	−52 24.7	8.3	20949	15 22.6	−52 30	8.2
15 23.0	−52.8	CPD −52° 8420	15 21.2	−52 32.9	7.8	20961	15 23.0	−52 38	8
15 23.5	−52.5	CPD −52° 8429	15 21.5	−52 20.2	8.2	20971	15 23.6	−52 18	9.8
15 24.0	−52.6	CPD −52° 8437	15 22.0	−52 27.7	8.1				
15 24.9	−52.5	CPD −52° 8475	15 23.2	−52 26.6	8.6 8.4				
15 25.4	−52.8	CPD −52° 8487	15 23.7	−52 35.1	8.3				

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h	m	h	m			
16.	6	16.	6	H		N 1
16.	1	17.	4	H	1528	K=H 1
16.	9	19.	5	a		N 2
16.	7	19.	8	a		N 1
16.	6	20.	3	a		N 1
16.	6	21.	0	a		N 2
16.	4	21.	1	a		N 1
16.	3	21.	3	a		N 2
17.	8	9.	4	a		N 1
17.	9	10.	0	a		K=H 1
17.	5	12.	9	H	1529	K=H 2
18.	0	14.	0	a		N 2
17.	3	14.	1	a		N 1
17.	6	14.	1	a		K=H 1
17.	9	14.	6	H	1530	K=H 2
17.	4	14.	7	a		K=H 1
17.	2	15.	0	a		K=H 1
17.	2	15.	3	a		N 1
17.	2	15.	4	I		K=H 2
17.	8	16.	7	a		N 1
17.	8	16.	9	a		N 1
17.	1	17.	0	H		N 1
17.	5	17.	1	a		N 1
18.	0	17.	2	a		N 2
17.	5	17.	3	a		N 2
17.	1	17.	7	a		N 2
17.	3	18.	6	a		N 2

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						A.G.C. No.	1900 R.A	1900 Dec.	Magn.
1900									
h m									
15 27.3	−52.8	CPD	−52°8540	15 25.6	−52 36.0	8.2			
15 30.0	−52.6	CPD	−52°8601	15 28.0	−52 19.7	8.2			
15 37.0	−52.8	CPD	−52°8796	15 35.2	−52 41.2	7.9	21287	15 37.1	−52 46 8.2
15 37.7	−52.7	CPD	−52°8824	15 36.0	−52 33.6	8.6			
15 39.5	−52.6	CPD	−52°8869	15 37.6	−52 29.6	8.1			
15 41.6	−52.7	CPD	−52°8927	15 40.0	−52 30.1	7.8			
15 42.0	−52.5	CPD	−52 8928	15 40.1	−52 25.4	7.6	21395	15 42.4	−52 34 8.8
15 42.9	−52.5	CPD	−52°8949	15 40.8	−52 19.6	8.0			
15 3.0	−53.4	CPD	−53°6323	15 1.1	−53 5.8	8.5			
15 5.4	−53.5	CPD	−53°6337	15 3.2	−53 10.9	8.1			
15 14.5	−53.4	CPD	−53°6443	15 13.0	−53 8.9	7.6	20774	15 14.8	−53 15 7.2
15 18.5	−53.6	CPD	−53°6483	15 16.6	−53 19.5	7.8?	20848	15 18.4	−53 59 8.2
15 18.5	−53.2	CPD	−52°8312	15 16.8	−52 57.6	7.9	~~20848~~	~~15 18.4~~	~~−53 59 8~~
15 18.5	−53.4	CPD	−53°6488	15 16.9	−53 6.8	7.9	~~20848~~	~~15 18.4~~	~~−53 26 8.2~~
15 20.7	−53.5	CPD	−53°6504	15 18.6	−53 15.6	7.4	20899	15 20.4	−53 21 7.5
15 21.4	−53.2	CPD	−52°8366	15 19.1	−52 58.9	8.2			
15 22.0	−53.1	CPD	−52°8393	15 20.0	−52 55.1	8.4			
15 23.0	−53.1	CPD	−52°8419	15 21.2	−52 55.8	8.2	~~20967~~	~~15 23.3~~	~~−53 1 7.2~~
15 24.0	−53.1	CPD	−52°8427	15 21.5	−52 56.5	7.2	20967	15 23.3	−53 1 7.2
15 27.6	−53.4	CPD	−53°6568	15 25.7	−53 10.7	8.3			
15 28.5	−53.5	CPD	−53°6574	15 26.5	−53 11.5	8.8			
15 28.7	−53.1	CPD	−52°8548	15 25.8	−52 53.3	9.0			
15 29.0	−53.3	CPD	−53°6578	15 27.0	−53 4.0	8.7			
15 29.5	−53.5	CPD	−53°6586	15 27.5	−53 11.9	7.9	21097	15 29.4	−53 23 8
15 30.0	−53.3	CPD	−53°6593	15 28.0	−53 4.4	7.9	21117	15 29.9	−53 9 8.5
15 30.6	−53.1	CPD	−52°8640	15 29.0	−52 53.4	7.6	21139	15 30.9	−52 58 8
15 34.0	−53.2	CPD	−52°7432	15 32.1	−52 59.1	7.4	21214	15 34.0	−53 4 7.3

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V	H	cl	Rem.	No.	Kline Int.
17.5	19.8	H			N 1
17.2	21.2	a			N 3
17.7	21.9	H			N 1
17.9	22.6	a			N 2
17.0	23.1	a			N 1
17.7	23.0	a			N 1
18.5	7.2	~~H~~		1531	K=H 1
18.3	8.9	a			N 2
19.0	11.5	a			N 2
19.0	21.7	a			K=H 2
18.7	13.7	a			N 1
19.0	14.0	H			K=H 1
18.7	14.7	H			N 1
18.3	14.9	~~H~~		1532	K=H 2
18.7	19.9	H			N 1
18.5	22.0	a			N 1
18.7	22.0	a			N 1
18.1	22.4	~~H~~		1533	K=H 2
18.2	23.9	a			N 1
18.6	23.1	H			N 1
18.6	23.4	a			K=H 1
19.1	8.8	a			N 2
19.8	10.6	a			N 1
19.7	10.9	a			N 1
19.2	14.4	a			N 1
19.2	15.0	a			N 1
19.2	15.7	a			N 2

Should not H = 12.7 ?

ask Mr. F.

Should not H = 22.9 ?

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1900								N.G.C.	1900	1900			
								No.	R.A.	Dec.	Magn.		
h m s									h m	° ′			
15 38.0	−53.2	CPD	−53° 6681	15 36.1	−53	2.5	8.4	21311	15 38.0	−53 7	8.2		
15 42.5	−52.9	CPD	−52° 8944	15 40.6	−52	49.4	6.8	21399	15 42.5	−52 ~~59~~ 54	6.0		
15 45.3	−53.2	CPD	−53° 6724	15 43.1	−53	3.5	8.4	21458	15 45.0	−53 8	8.7		
15 47.9	−53.2	CPD	−53° 6766	15 46.4	−53	6.6	7.7	21528	15 47.3	−53 12	7.5		
15 48.5	−52.7	CPD	−52° 9087	15 46.5	−52	34.6	8.1						
15 48.1	−53.2	CPD	−52° 9084	15 46.3	−52	59.1	8.3						
14 55.0	−53.6	CPD	−53° 6206	14 53.7	−53	19.8	8.4						
15 1.5	−53.5	CPD	−53° 6301	14 59.6	−53	19.1	8.1	20497	15 1.4	−53 25	8.5		
15 10.1	−54.0	CPD	−53° 6397	15 8.2	−53°	46.4	7.8	20684	15 10.0	−53 52	9.5		
15 45.0	−54.0	CPD	−53° 6431	15 11.9	−53	50.1	7.6	~~20749~~ 21456	15 ~~13.7~~ 45.0	−53 ~~56~~ 57	~~7.8~~ 7		
15 17.5	−53.9	CPD	−53° 6474	15 15.4	−53	40.7	8.4						
15 18.1	−54.0	CPD	−53° 6482	15 16.5	−53	52.5	7.9	20843	15 18.4	−53 59	8		
15 20.0	−53.9	CPD	−53° 6498	15 17.9	−53	39.8	8.4	Identified dot at V. 18.7 H = 14.3					
15 21.5	−53.7	CPD	−53° 6517	15 19.5	−53	29.1	7.9	20912	15 21.4	−53 34	8.2		
15 38.0	−53.8	CPD	−53° 6685	15 36.6	−53	36.9	8.8						
15 45.5	−53.6	CPD	−53° 6726	15 43.4	−53	25.8	8.6	21466	15 45.2	−53 31	8.2		
15 45.5	−53.8	CPD	−53° 6728	15 43.4	−53	32.2	8.2						
15 47.0	−53.4	CPD	−53° 6753	15 44.7	−53	12.5	7.4	21494	15 46.6	−53 17	7.8		
15 52.4	−53.8	CPD	−53° 6791	15 46.4	−53	14.9	7.9	~~21618~~ 21527	15 ~~52.1~~ 48.3	−53 ~~11~~ 20	~~6.5~~ 9		
15 49.5	−53.6	CPD	−53° 6824	15 47.1	−53	25.2	7.9	21549	15 49.3	−53 3	~~8.8~~ 7.5		
15 50.0	−53.6	CPD	−53° 6860	15 48.2	−53	23.5	7.7	21575	15 50.2	−53 27	8		
15 0.5	−53.9	CPD	−53° 6294	14 59.0	−53	43.8	8.4	20483	15 0.7	−53 50	8.2		
15 6.4	−54.4	CPD	−54° 6397	15 4.7	−54	9.5	8.3						
15 8.0	−54.3	CPD	−54° 6410	15 6.1	−54	6.0	8.2						
15 20.1	−54.1	CPD	−53° 6499	15 17.9	−53	52.4	8.4						
15 22.2	−54.1	CPD	−53° 6526	15 20.3	−53	53.1	8.8						
15 24.9	−54.1	CPD	−53° 6544	15 22.5	−53	56.9	8.2						

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Plate 3723
D. H. Cl. Rem. Kline Inst.

19.9	15.8	a N 2
19.9	16.1	H N 1
20.0	16.7	a N 1
19.5	19.3	a N 2
19.2	19.3	H N 1
19.5	19.5	a N 3
19.3	19.3	a K=H 2
19.3	19.4	a N 1
19.4	21.2	N N 1
19.2	23.9	a N 3
20.4	11.1	a N 2
20.5	14.3	a N 2
20.4	14.5	a N 1
20.9	17.5	a N 1
20.5	18.2	a N 2
20.8	19.4	a K=H 2
20.8	21.2	a N 3
20.3	24.2	a N 3
21.8	6.5	a N 2
21.5	7.4	a N 1
21.2	9.9	I K=H 3
22.0	10.5	E K=H 1
21.8	11.7	a N 2
21.5	12.2	a N 1
21.4	13.3	a N 1
22.0	14.5	a N 2
21.5	14.9	a N 2

Nov. 3 just Rackwith dot
no red ink dot on plate N

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1900					A.G.C. No	1900 R.A.	1900 Dec.	Magn
h m 15 25.5	-54.5	CPD -54° 6559	15 23.0	-54 17.3	8.3	21017	h m 15 25.6	-54° 26′ 8.5
15 26.0	-54.6	CPD -54° 6567	15 23.7	-54 20.9	8.7	21017	15 25.6	-54 26 8.5
15 28.0	-54.5	CPD -54° 6573	15 26.2	-54 18.1	8.5			
15 29.5	-54.3	CPD -54° 6599 6601	15 27.8	-54 4.7 3.1	8.4 7.9	21107 21109	15 29.6 29.7	-54 10 9 18 9.5 8 8
15 30.0	-54.2	CPD -54° 6592	15 27.9	-53 56.9	8.2	21112	15 29.7	-54 8 8
15 30.5	-54.3	CPD -54° 6607	15 28.5	-54 6.4	7.4	21126	15 30.4	-54 11 7.3
15 36.4	-54.1	CPD -53° 6667	15 34.7	-53 55.3	8.0			
15 36.6	-54.0	CPD -53° 6672	15 35.0	-53 52.1	8.5			
15 41.0	-54.1							
15 52.2	-53.8	CPD -54° 6911	15 50.2	-53 39.5	6.5	21618	15 52.1	-53 44 6.5
15 8.5	-54.7	CPD -54° 6413	15 6.3	-54 29.7	8.2			
15 19.0	-54.8	CPD -54° 6506	15 17.4	-54 34.4	7.8			
15 21.0	-54.7	CPD -54° 6521	15 18.9	-54 32.6	8.2			
15 30.5	-55.0	CPD -54° 6610	15 28.9	-54 47.6	8.2			
15 33.0	-54.9	CPD -54° 6629	15 31.2	-54 40.9	8.2			
15 37.0	-54.9	CPD -54° 6654	15 35.2	-54 42.0	7.9	21286	15 37.1	-54 47 8
15 43.5	-54.8	CPD -54° 6711	15 41.4	-54 40.3	6.7	21421 21422	15 43.3	-54 45 6.2 9.5
15 53.6	-54.3	CPD -54° 6922	15 51.4	-54 13.2	7.2	21640	15 53.3	-54 17 6.7
14 52.5	-55.4	CPD -55° 6284	14 50.9	-55 0.3	7.9	20282	14 52.7	-55 6 8
14 54.5	-55.1	CPD -54° 6275	14 53.4	-54 49.0	8.8			
15 3.5	-54.9	CPD -54° 6367	15 2.0	-54 52.2	7.4	20543	15 3.8	-54 58 6.3
15 5.7	-55.5	CPD -55° 6428	15 4.1	-55 15.5	7.8	20587	15 6.0	-55 21 7
15 10.0	-55.4	CPD -55° 6473	15 8.2 9.0	-55 9.3	8.1			
15 12.0	-55.2	CPD -55° 6490	15 9.9	-55 4.1	8.1			
15 12.5	-55.2	CPD -55° 6498	15 10.4	-55 0.0	8.6			
15 20.7	-55.6	CPD -55° 6563	15 18.2	-55 21.3	8.0	20887	15 20.1	-55 26 8.5
15 21.5	-55.4	CPD -55° 6572	15 19.5	-55 11.3	7.8	20911	15 21.4	-55 16 7.5

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Plate 3723
V H Cl. Refr. Nr. Kline Lnk.

21.3	13.9	a	Nr 1	
21.4	17.9	H	Nr. 1	
21.6	19.3	a	Nr 1	
22.0	20.6	a	Nr 1	
22.8	6.0	~~a~~ H	1534	K=H 2
22.3	8.6	a	Nr 1	
22.3	9.2	a	Nr 1	
22.6	9.2	a	Nr 2	
22.3	9.4	a	Nr 1	
22.9	10.8	a	K=H 2	
22.9	12.6	a	Nr 3	
22.9	14.8	a	Nr 1	
22.4	15.5	a	Nr 1	
22.3	16.8	a	Nr 1	
22.8	18.4	a	Nr 1	
22.9	18.9	H	Nr 1	
22.9	19.1	a	Nr 3	
22.6	19.5	a	Nr 1	
23.3	7.3	a	Nr 3	
23.1	11.2	a	Nr 1	
23.2	11.6	H	Nr 1	
23.9	13.5	a	Nr 1	
23.6	16.3	a	Nr 1	
24.4	17.9	H	Nr 1	
23.9	20.1	a	Nr 1	

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1900 h m	°							A.G.C.	1900	1900	
								No.	R.A.	Dec.	Mag.
15 31.0	−55.2	CPD	−54° 6616	15 29.6	−54 56.9	8.2					
15 31.5	−55.2	CPD	−55° 6655	15 29.9	−55 0.9	8.2		21160	15 31.9	−55 6	7.5
15 37.0	−55.3	CPD	−55° 6681	15 35.1	−55 7.1	8.4					
15 41.5	−55.4	CPD	−55° 6719	15 39.7	−55 11.7	8.3					
15 49.0	−55.6	CPD	−55° 6256	14 47.9	−55 24.1	8.0		20198	14 49.7	−55 30	7.5
14 58.5	−55.6	CPD	−55° 6356	14 57.1	−55 20.0	8.9					
15 1.0	−55.6	CPD	−55° 6380	14 59.3	−55 18.6	8.2		~~20491~~ 75	~~15 0.5~~	~~−55 36~~ 21	~~8.5~~
15 1.0	−55.7	CPD	−55° 6378	14 59.2	−55 29.8	8.2		20491	15 1.1	−55 36	8
15 1.6	−55.6	CPD	−55° 6388	15 0.0	−55 21.8	8.5					
15 6.7	−55.8	CPD	−55° 6439	15 5.1	−55 35.8	8.0		20600	15 7.0	−55 42	8.5
15 13.5	−55.8	CPD	−55° 6509	15 11.2	−55 40.5	7.4		20737	15 13.1	−55 47	7.1
15 21.1	−56.0	CPD	−55° 6550	15 16.6	−55 46.4	8.6					
15 24.1	−55.8	CPD	−55° 6593	15 21.8	−55 30.6	8.3					
15 28.0	−55.6	CPD	−55° 6631	15 26.5	−55 26.2	8.4					
15 33.5	−55.9	CPD	−55° 6668	15 32.0	−55 41.5	8.4					
15 35.6	−56.0	CPD	−55° 6668 76	15 32.0 3.8	−55 41.5 5	8.4 1		21246	15 35.7	−55 51	7.5
15 36.4	−56.0	CPD	−55° 6679	15 34.5	−55 45.7	7.5		21268	15 36.4	−55 51	7.2
15 38.0	−55.8	CPD	−55° 6689	15 35.9	−55 34.6	7.9					
14 53.7	−56.0	CPD	−55° 6296	14 52.4	−55 45.7	7.6		20323	14 54.2	−55 52	7.1
15 8.4	−56.1	CPD	−55° 6456	15 6.5	−55 48.9	8.0					
15 10.0	−56.2	CPD	−56° 6469	15 7.7	−55 55.1	8.0		20667	15 9.6	−56 1	8.5
15 17.0	−56.5	CPD	−56° 6735 6	15 14.6	−55 15.0 6	8.3					
15 26.5	−56.4	CPD	−56° 6796	15 24.8	−56 5.7	8.3		~~21037~~	~~15 26.5~~	~~−56 44~~	~~7.4~~
15 32.4	−56.8	CPD	−56° 6842	15 30.4	−56 30.1	7.9		21175	15 32.3	−56 35	7.5
15 40.1	−56.4	CPD	−56° 6900	15 38.3	−56 10.2	8.3					

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R.A 16h 2m Dec. −51.5

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O. H. Cl. Rem. Nr. Klinic Int.

4.1	8.6	a	N	1
4.3	8.8	a	N	1
3.9	11.8	a	N	2
4.3	12.3	E	K=H	1
3.6	13.9	a	N	1
4.2	14.5	a	N	2
4.1	18.8	a	N	1
4.0	22.1	a	N	3
5.5	6.1	a	N	1
5.3	9.0	I	K=H	3
5.9	17.0	a	N	4
5.7	17.6	a	K=H	1
5.7	18.5	a	K=H	1
5.6	19.2	a	N	1
5.6	21.6	a	N	1
5.2	23.4	a	N	1
5.8	23.7	a	N	1
6.9	5.5	H	N	1
6.4	17.2	E	K=H	2
6.5	20.4	Ft. 1535	K=H	1
7.8	9.0	a	N	1
7.6	9.3	a	N	1
7.4	10.9	a	K=H	3
7.9	14.4	a	K=H	3
7.6	19.0	a	N	3
7.5	20.8	a	N	2
7.0	23.3	a	N	1

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1900			A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m °						
15 43.0	-46.1	CDM -45° 10258 15 41.9 -45 55.7 8.6				
15 43.7	-46.3	CDM -46° 10424 15 42.3 -46 5.5 8.7	21435	15 43.7	-46 1	8
15 53.0	-46.1	CDM -45° 10370 15 51.0 -45 56.3 7.6	21631	15 52.8	-46 0	7.8
15 54.0	-46.3	CDM -46° 10512 15 52.3 -46 10.8 7.6	21671	15 54.1	-46 15	7.8
15 58.6	-46.0	CDM -45° 10428 15 57.0 -45 44.4 8.2				
16 0.6	-46.3	CDM -46° 10567 15 58.8 -46 11.0 7.5	21821	16 0.6	-46 15	7.5
16 13.0	-46.2	CDM -46° 10652 16 11.2 -46 2.5 7.8	22098	16 13.0	-46 7	8
16 22.5	-46.1	CDM -45° 10697 16 20.7 -45 57.8 5.9	22297	16 22.5	-46 2	5.9
15 41.9	-46.8	CDM -46° 10395 15 40.3 -46 38.4 8.3				
15 44.5	-46.8	CDM -46° 10430 15 42.7 -46 40.7 6.5	21446	15 44.5	-46 46	6.5
16 8.0	-47.2	CDM -47° 10611 15 6.2 -47 3.2 5.4	21974	16 8.0	-47 7	5.4
16 9.6	-47.1	CDM -46° 10616 16 8.0 -46 56.2 8.0	22019	16 9.8	-47 0	8
16 12.7	-47.1	CDM -46° 10644 16 10.7 -46 54.4 8.0	22096	16 12.9	-47 1	8.5
16 14.5	-47.0	CDM -46° 10666 16 12.7 -46 48.3 8.5	22134	16 14.5	-46 52	8.5
16 21.2	-46.9	CDM -46°				
16 26.5	-46.7					
16 27.5	-46.9		22404	16 27.3	-46 47	8.5
15 34.0	-47.5	CDM -47° 10210 15 32.1 -47 19.4 6.9	21215	15 33.9	-47 25	6.9
16 8.5	-47.5					
16 18.0	-47.4					
15 44.4	-48.1	CDM -47° 10376 15 42.4 -47 52.5 8.8				
15 45.0	-48.0	CDM -47° 10389 15 43.3 -47 47.6 8.8				
15 49.7	-47.9	CDM -47° 10556 15 48.1 -47 47.4 6.7	21568	15 49.9	-47 51	6.7
16 0.3	-48.1	CDM -48° 10554 15 58.3 -48 5.0 6.9	21808	16 0.1	-48 9	6.9
16 14.0	-47.9		22126	16 14.1	-47 57	7
16 19.2	-47.9		22233	16 19.4	-47 49	7.7
16 27.0	-47.6		22391	16 27.0	-47 43	9.2

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v H Cl Reiss Kluwe Int

7.8	23.2	a		N	3
7.7	23.5	a		N	2
8.6	7.2	a		N	1
8.7	7.5	a		N	3
8.7	8.3	H		K=H	1
8.7	8.6	a		N	3
8.5	9.1	H		N	1
8.8	9.5	H		N	1
8.4	9.7	a		N	1
8.3	12.2	a		N	1
8.7	14.2	a		N	1
8.6	16.2	a		N	2
8.7	16.5	J		K=H	2
8.7	18.2	a		N	1
8.3	16.4	F	1537	K=H	1
8.4	19.2	a		K=H	1
8.5	20.1	a		K=H	1
8.2	20.7	a		K=0.5H	2
8.7	20.8	H		N	1
8.5	22.9	a		K=H	1
8.5	23.2	a		K=a5H	2
9.7	6.2	H		N	1
9.1	6.4	F	1538	K=H	1
9.8	6.7	a		N	1
9.7	7.9	a		N	2
9.7	8.1	H		N	1
9.2	8.8	J		K=H	2

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1900							A.G.C. No.	1900 R.a.	1900 Dec.	Magn.
h m	°							h m		
16 26.7	-47.9						22371	16 26.4	-47° 54′	7.1
16 28.0	-47.8									
15 38.3	-48.4	CDM	-48° 10282	15 36.8	-48 12.9	8.7				
15 39.5	-48.5	CDM	-48° 10296	15 37.7	-48 20.6	7.0	21339	15 39.5	-48 26	7.0
15 41.8	-48.6	CDM	-48° 10336	15 40.0	-48 22.6	7.8	21387	15 41.8	-48 27	8
15 42.5	-48.7	CDM	-48° 10349	15 40.9	-48 31.6	6.4	21405	15 42.7	-48 37	6.4
15 44.2	-48.5	CDM	-48° 10372	15 42.2	-48 19.4	9.6				
15 45.4	-48.6	CDM	-48° 10392	15 43.7	-48 27.0	7.7	21474	15 45.5	-48 32	8.2
15 46.6	-48.4	CDM	-48° 10403	15 44.8	-48 14.2	8.4				
15 53.4	-48.4	CDM	-48° 10490	15 51.8	-48 13.2	8.0	21651	15 53.5	-48 17	8
15 59.5	-48.6	CDM	-48° 10548	15 57.7	-48 26.4	8.5				
16 5.9	-48.7	CDM	-48° 10609	16 3.9	-48 25.8	8.2	21935	16 5.7	-48 30	7.8
16 6.9	-48.8	CDM	-48° 10625	16 4.9	-48 36.6	7.4	21955	16 6.7	-48 41	7.4
16 11.5	-48.6									
16 12.0	-48.4									
16 14.4	-48.4									
16 17.5	-48.5									
16 19.0	-48.3									
16 19.9	-48.6						22240	16 19.7	-48 34	8
16 26.0	-48.4									
16 27.0	-48.4						22387	16 26.9	-48 13	9.2
15 34.9	-48.7	CDM	-48° 10218	15 33.4	-48 48.6	7.3				
15 35.9	-48.5	CDM	-48° 10233	15 34.3	-48 27.1 28.3	8.5 8.7				
15 36.9	-48.9	CDM	-48° 10247	15 35.2	-48 49.2	9.1				
15 40.5	-49.1	CDM	-48° 10313	15 38.7	-48 50.2	8.9				
15 41.5	-49.0	CDM	-48° 10324	15 39.2	-48 50.9	8.8				
15 42.5	-48.6	CDM	-48° 10355	15 41.2	-48 39.2	7.3				

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V H Cl. Rem. Klinc Int:

9.8	8.9	a	N 1	1
9.9	10.3	F. 1539	K=H 1	1
9.9	10.7	F 1540	K=H 1	1
9.3	11.6	a	N 1	1
9.8	11.7	a	K=H 1	1
9.4	13.0	e	K=1.2H 4	
9.8	15.9	H	N 1	
9.5	17.0	a	N 1	1
9.7	17.1	a	N 1	1
9.3	17.2	a	K=H 1	1
10.0	17.4	a	K=0.2H 2	1
9.6	17.8	a	N 2	1
9.9	17.9	a	N 2	1
9.9	18.1	a	N 3	1
9.8	18.4	H	N 1	1
9.6	19.1	a	N 1	1
9.3	19.2	a	N 1	1
9.6	20.2	e	K=H 2	1
9.4	21.5	a	N 1	1
9.3	21.8	a	K=H 1	1
9.7	22.2	a	N 1	1
9.9	22.9	a	N 1	1
10.2	6.3	g	K=H 2	1
10.9	7.2	a	K=H 1	1
10.6	8.1	a	N 1	1
10.9	8.2	e	K=H 1	1
10.2	8.5	a	N 1	

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1900 R							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
15	43.5	−49.1	CDM −48° 10358	15	41.5	−48 58.2	9.1			
15	47.5	−49.2	CDM −49° 10126	15	45.8	−49 1.7	7.8	21514	15 47.6	−49 7 8
15	49.0	−49.2	CDM −49° 10150	15	47.0	−49 1.5	8.9			
15	51.2	−48.9	CDM −48° 10472	15	49.7	−48 44.9	8.5			
15	51.7	−49.1	CDM −49° 10211	15	50.2	−49 0.4	8.5	21619	15 52.1	−49 19 9
15	55.7	−48.9	CDM −48° 10512	15	54.0	−48 52.7	5.2	21710	15 55.8	−48 57 5.2
16	5.0	−49.1	CDM −48° 10472	15	49.7	−48 44.9	8.5	21911	16 5.0	−49 5 8.5
16	8.0	−49.2								
16	8.1	−49.2								
16	8.5	−48.9								
16	9.2	−49.4						~~22010~~	~~16 9.5~~	~~−49 36 7.5~~
16	10.5	−49.1								
16	11.0	−49.3						22051	16 11.2	−49 10 7.2
16	11.5	−49.3						22059	16 11.8	−49 10 7.2
16	12.5	−49.2						22081	16 12.4	−49 4 8
16	14.2	−49.0								
16	14.7	−48.9								
16	17.9	−49.0						22203	16 17.9	−48 55 7.8
16	20.6	−48.9								
16	22.4	−48.9								
16	24.0	−49.1								
16	26.2	−49.1								
15	35.4	−49.1	CDM −49° 9909	15	33.6	−49 5.1	6.6	21244	15 35.4	−49 10 6.6
15	38.0	−49.6	CDM −49° 9987	15	36.2	−49 24.7	8.4			
15	40.9	−49.5	CDM −49° 10007	15	39.1	−49 20.8	7.0	21365	15 40.9	−49 26 7.8
15	41.3	−49.5	CDM −49° 10008	15	39.3	−49 22.4	7.4	21372	15 41.1	−49 27 8.2
15	42.0	−49.3	CDM −49° 10025	15	40.1	−49 6.8	9.0			

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α. H.	δ. Rem.	Kline Int.	
10.1	9.2	a	N 1
10.4	9.7	a	N 1
11.0	10.5	f	K 2
10.3	10.8	a	K 1
10.4	11.2	a	K 1
10.9	12.6	a	K 2
11.0	13.0	H	N 1
11.0	13.6	f	K=H 2
10.5	13.9	a	N 1
10.7	16.1	a	K=0.2H 3
10.8	16.3	a	K 1
10.8	17.3	H	N 1
10.3	19.2	a	K H
10.9	20.0	a	N 1
10.1	20.3	e	K=H 2
10.2	20.9	Tr 1541	K=H 1
10.6	22.9	H	N 1
10.3	23.2	a	N 2
10.0	23.0	a	K 1
11.3	6.3	e	K=H 1
11.6	6.9	a	K=H 3
11.6	7.9	a	N 2
11.4	8.8	a	N 1
11.5	9.9	a	N 1
12.0	10.1	a	N 2
11.6	10.4	a	K=0.4H 3
11.6	11.2	a	N 2

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1900 h m							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
15 44.0	−49.3	CDM −49° 10073	15 42.4	−49	8.0	8.9				
15 45.5	−49.4	CDM −49° 10089	15 43.8	−49	14.4	8.7				
15 48.0	−49.8	CDM −49° 10134	15 46.2	−49	36.4	7.3	21523	15 48.0	−49 41	7.4
15 49.2	−49.4	CDM −49° 10154	15 47.4	−49	16.5	8.7				
15 50.1	−49.5	CDM −49° 10178	15 48.4	−49	18.6	9.1				
15 54.5	−49.8	CDM −49° 10258	15 52.7	−49	36.5	8.3	21682	15 54.5	−49 40	8.2
15 55.8	−49.8	CDM −49° 10273	15 53.8	−49	39.2	8.9	21704	15 55.6	−49 43	8.5
15 57.5	−49.8	CDM −49° 10299	15 55.7	−49	39.8	7.4	21745	15 57.5	−49 44	7.5
15 58.6	−49.5	CDM −49° 10311	15 56.8	−49	20.6	9.2				
16 5.6	−49.7						21933	16 5.8	−49 38	7.4
16 6.0	−49.8						21946	16 6.3	−49 38	8.5
16 9.3	−49.7						22010	16 9.5	−49 36	7.5
16 14.7	−49.4						22147	16 15.0	−49 20	5.9
16 17.5	−49.7									
16 18.2	−49.3						22210	16 18.2	−49 12	7.8
16 20.5	−49.4									
16 26.0	−49.5						22357	16 25.7	−49 22	8
16 27.5	−49.3						22398	16 27.3	−49 11	7.8
16 27.0	−49.7						22383	16 26.9	−49 33	8
15 34.7	−49.8	CDM −49° 9901	15 33.2	−49	35.6	8.8				
15 36.8	−49.9	CDM −49° 9937	15 35.1	−49	48.8	6.7	21282	15 36.9	−49 54	7.0
15 39.0	−50.0	CDM −49° 9981	15 37.6	−49	49.6	7.9				
15 42.5	−49.9	CDM −49° 10039	15 40.9	−49	45.9	9.5				
15 45.5	−50.0	CDM −49° 10086	15 43.7	−49	49.5	8.7				
15 46.5	−50.3	CDM −49° 9960	15 44.9	−50	6.9	7.7	21497	15 46.7	−50 12	8
15 47.2	−50.1	CDM −49° 10123	15 45.7	−49	57.8 57.5	7.8 9.0	21510 21511	15 47.4	−50 3	7.5 7.8
15 50.0	−50.1	CDM −49° 10173	15 48.2	−49	54.3	7.7				

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D. H. Cl.	Rem.	Nro.	Klinc Int:
11.5	12.9	a	N 1
11.9	14.0	a	N 1
12.0	15.5	a	K=0 4H 2
11.2	16.5	a	N 2
11.1	15.3	b	K=1 5H 4
11.9	15.9	a	N 1
11.4	16.0	a	K=H 1
11.3	18.3	K	K=H 4
11.5	16.5	a	N 1
11.1	19.1	a	N 1
11.9	22.3	H	K=H 1
11.2	23.1	a	N 2
11.3	24.3	a	N 2
12.3	5.9	a	N 1
12.9	9.3	a	N 3
12.3	9.5	E	K=H 1
12.3	8.2	a	K=H 3
12.3	8.8	a	N 1
12.2	9.8	J	K=H 2
12.1	10.9	a	N 1
12.1	11.1	a	N 1
12.4	11.4	a	N 1
12.6	13.3	a	N 2
12.5	15.1	H	N 1
12.2	19.1	E	K=H 1
12.9	19.8	a	N 2
12.9	19.9	a	N 2

D 55

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1900					A.G.C. No.	1900 R.A.	1900 Decl.	Magn.
15h 55.5m	−50.1°	CDM −49° 10268	15 53.4	−49 54.5	7.9			
15 59.1	−50.2	CDM −50° 10131	15 57.0	−50 1.7	8.1			
16 4.5	−50.3							
16 6.5	−49.9							
16 9.5	−49.8					22012	16 9.6	−49 49 5.4
16 10.9	−50.3							
16 14.0	−50.0							
16 12.0	−49.9					22075	16 12.4	−49 55 4.6
16 13.0	−50.1							
16 14.6	−49.4							
16 25.0	−50.2							
16 27.5	−49.8							
16 31.5	−49.8							
15 32.6	−50.3	CDM −50° 9692	15 31.1	−50 3.6	8.8			
15 37.5	−50.5	CDM −50° 9787	15 35.8	−50 23.2	7.0	21295	15 37.4	−50 46 8.5
15 38.4	−50.3	CDM −50° 9802	15 36.7	−50 8.3	8.7			
15 42.5	−50.3	CDM −50° 9860	15 39.2	−50 11.4	8.5	21361	15 40.7	−50 17 7.0
15 42.6	−50.4	CDM −50° 9883	15 40.9	−50 8.7	9.1			
15 45.5	−50.3	CDM −50° 9939	15 43.6	−50 14.0	6.3	21472	15 45.4	−50 19 6.9
15 48.5	−50.4	CDM −50° 9990	15 46.6	−50 10.4	9.2			
15 49.5	−50.4	CDM −50° 10007	15 47.8	−50 9.5	9.1			
15 50.6	−50.5	CDM −50° 10017	15 48.9	−50 18.5	8.3			
15 56.6	−50.6	CDM −50° 10095	15 54.5	−50 29.4	7.9			
16 2.9	−50.6					21864	16 2.6	−50 30 7.5
16 14.5	−50.4							
16 17.1	−50.7							
16 17.5	−50.7					22193	16 17.5	−50 31 8

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23 30 V. H. & Rem. No. K line Int.

12.6	16.4	a		N	1
13.0	16.0	a		K·H	1
12.9	16.1	a		N	1
13.0	16.9	e		K=H	1
12.6	20.2	a		N	1
12.1	20.0	a		N	1
12.1	20.6	a		N	1
12.9	20.8	a		N	2
12.1	21.3	a		N	1
12.6	22.2	a		N	1
12.8	22.4	a		N	1
13.3	23.3	a		N	1
13.6	6.2	a		N	1
13.9	6.9	a		N	1
13.5	6.9	a		N	2
14.0	6.8	a		N	1
13.3	9.5	a		N	2
13.9	9.8	a		N	1
13.5	10.2	a		N	1
13.0	10.3	a		N	1
13.4	10.3	a		K=D3H	2
13.2	10.9	a		N	2
13.9	11.2	Of	1542	K=H	1
13.2	12.2	a		K=H	1
13.1	12.9	B	1543	N	3
13.4	13.8	Of	1544	K=H	1
13.5	15.8	a		K=H	1

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1900					A.G.C.	1900	1900	
h m	°				No.	R.A	Dec	Magn.
16 6.5	−50.7							
16 5.2	−50.9							
16 5.6	−50.8				21920	16 5.5	−50 48	7.8
16 7.5	−50.9				21971	16 7.9	−50 46	8.5
16 18.7	−50.5							
16 18.0	−50.3							
16 20.0	−50.3							
16 20.9	−50.7							
16 22.0	−50.4							
16 25.0	−50.5				22349	16 25.2	−50 47	8.5
16 25.7	−50.6							
16 28.5	−50.3							
15 33.7	−50.9	CDM	−50 9665	15 29.9	−50 50.0	8.5		
15 35.1	−51.1	CDM	−50° 9746	15 33.8	−50 55.1	8.1	~~21825~~	~~15 34.4 − 51 9 7.2~~
15 35.9	−50.9	CDM	−50° 9744	15 34.1	−50 42.7	8.9	21254	15 35.9 − 50 48 7.8
15 36.0	−51.2	CDM	−51° 9408	15 34.0	−51 0.7	9.3	21266	15 36.2 − 51 19 7.3
15 44.7	−50.9	CDM	−50° 9927	15 42.8	−50 45.4	7.9	21452	15 44.6 − 50 51 8.2
15 45.2	−51.1	CDM	−50° 9935	15 43.5	−50 56.4	9.2		
15 46.6	−51.0	CDM	−50° 9958	15 44.9	−50 52.3	9.2		
15 47.0	−50.9	CDM	−50° 9973	15 45.5	−50 42.3	9.8	21502	15 47.0 − 50 57 7.8
15 47.0	−51.1	CDM	−50° 9966	15 45.2	−50 51.6	7.6		
15 48.4	−50.9	CDM	−50° 9986	15 46.4	−50 45.4	8.0	21528	15 48.2 − 50 50 8.5
15 49.9	−51.3	CDM	−51° 9643	15 47.8 48.0	−51 8.6 5.1	8.7 9.0	~~22913~~	~~15 50.1 − 51 4 8.8~~
15 53.0	−50.9	CDM	−50° 10057	15 51.1	−50 45.4	8.7		
15 54.5	−50.8	CDM	−50° 10074	15 52.7	−50 45.9	6.7	21683 ✓	15 ✓ 54.6 ✓ − 50 ✓ 50 ✓ 6.6 ✓
15 58.5	−51.0	CDM	−50° 10119	15 56.2	−50 54.0	8.8		
16 11.0	−51.1							

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Plate 3 2 4

V.	H.	Cl.	Rem.	No.	Klumpke
13.1	18.1	J		K=H	2
13.6	18.3	a		K	1
13.1	18.4	a		K	1
13.5	20.1	a		K=H	1
13.5	20.4	a		K	1
13.4	20.6	F	15H3	K=H	1
13.8	20.7	a		K	2
14.0	21.1	a		K	1
13.9	21.2	a		K	1
13.3	21.7	a		K=H	2
13.4	22.3	H		K=H	1
14.0	22.3	H		K=H	1
14.0	22.4	a		K	1
14.0	23.2	a		K	2
14.1	6.3	H		K=H	2
14.3	6.7	H		K=H	2
14.5	7.1	a	E	K	2
14.9	7.1	a		K	3
14.6	8.2	a		K	1
14.2	9.5	a		K	2
14.6	10.2	a		K	2
14.5	10.7	H		N	1
14.4	11.3	H		N	1
14.5	11.6	H		N	1
14.4	11.9	a		N	1
14.1	13.3	a		N	1
14.8	12.2	F	15H6	K=H	1

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1900					A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
hr m	°					h m	° ′	
16 12.9	−50.9				22067	16 12.1	−50 48	7.7
16 12.6	−51.2							
16 13.0	−50.9							
16 18.4	−51.1							
16 19.5	−51.1							
16 20.0	−51.0							
16 20.9	−51.2							
16 22.0	−51.3				22281	16 21.7	−51 21	7.8
16 22.5	−51.2							
16 23.4	−50.9							
16 25.5	−50.9				22349	16 25.2	−50 47	8.5
16 25.9	−51.3				22352	16 25.6	−51 7	8.2
16 26.5	−51.2							
16 29.0	−51.1				22422	16 28.4	−51 2	8
15 34.1	−51.2	CDM −51° 9373	15 32.6	−51 3.9	7.5	21225	15 34.4	−51 9 7.2
15 36.4	−51.4	CDM −51° 9407	15 34.2	−51 13.5	7.5	21266	15 36.2	−51 19 7.3
15 36.9	−51.5	CDM −51° 9429	15 35.0	−51 18.6	8.6	21277	15 36.6	−51 27 8.2
15 36.5	−51.5	CDM −51° 9421	15 34.8	−51 30.3	7.7	21277	15 36.6	−51 35 7.5
15 40.0	−51.5	CDM −51° 9490	15 38.3	−51 22.2	9.0			
15 44.5	−51.4	CDM −51° 9570	15 42.6	−51 14.4	7.6	21444	15 44.5	−51 19 8.8
15 46.7	−51.6	CDM −51° 9599	15 44.6	−51 28.9	8.1	21492	15 46.5	−51 34 7.8
15 48.7	−51.5	CDM −51° 9620	15 46.3	−51 23.6	8.5			
15 50.7	−51.5	CDM −51° 9649	15 48.4	−51 21.6	9.4	21593	15 51.1	−51 28 8.2
15 51.6	−51.5	CDM −51° 9657	15 49.2	−51 24.4 23.8	8.5 9.6			
15 52.5	−51.5	CDM −51° 9679	15 50.4	−51 21.5	9.1			
15 56.5	−51.4	CDM −51° 9739	15 54.7	−51 11.6	9.0			
15 53.1	−51.9	CDM −51° 9695	15 51.0	−51 35.9	9.2			

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δ H Cl Rem Kline Int.

14.2	14.6	H		N	1
14.9	15.1	H		N	1
14.8	15.2	a		N	2
14.6	15.8	a		N	1
14.2	16.1	a		N	1
14.8	16.3	H		N	1
14.6	16.5	a		N	1
14.9	17.4	a		K=H	1
14.5	18.6	K		K=H	2
14.8	20.3	F	1547	K=H	1
14.3	21.1	H		N	2
14.6	21.6	F	1548	K=H	1
14.5	22.6	a		K	1
15.9	5.5	a		K	3
15.9	6.1	a		K=H	1
15.3	8.0	a		K	3
15.9	8.9	K		K=H	3
15.2	8.6	a		N	1
15.1	8.9	a		N	2
16.4	8.8	H		N	1
15.6	9.8	F	1549	K=H	1
16.0	11.0	a		K=H	1
15.8	11.1	F	1550	K=H	1
15.6	11.8	a		N	1
15.1	15.0	a		K=1.0 H	3
15.3	15.9	a		K	1
15.9	16.4	a		K=H	1

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1900 h m					A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
16 1.5	−51.4	CDM −51° 9803	15 58.8	−51 17.7	7.5			
16 3.0	−51.7							
16 3.5	−51.8							
16 4.9	−51.7							
16 6.0	−51.6							
16 6.4	−51.8							
16 7.4	−51.8							
16 10.0	−51.8							
16 13.9	−51.6				22123	16 14.0	−51 31	7
16 19.9	−51.7							
16 22.0	−51.4							
16 23.5	−51.5				22310	16 23.4	−51 27	8.5
16 26.9	−51.4							
15 31.3	−52.0	CDM −51° 9324	15 29.5	−51 57.2	5.8	22481	15 31.7	−52 13 8.5
15 33.5	−52.0	CDM −51° 9361	15 31.4	−51 49.1	9.2			
15 39.5	−51.9	CDM −51° 9474	15 37.5	−51 46.1	7.3	21334	15 39.4	−51 59 8.5
15 41.5	−52.1	CPD −52° 8912	15 39.5	−52 3.0	7.6	21375	15 41.4	−52 8 6.7
15 41.4	−51.9	CDM −51° 9510	15 39.5	−51 39.0	8.5			
15 41.7	−51.8	CDM −51° 9517	15 39.7	−51 38.9	8.5	21382	15 41.8	−51 55 7.5
15 41.9	−51.9	CDM −51° 9521	15 39.9	−51 49.6	7.3			
15 44.5	−52.1	CDM −51° 9583	15 43.4	−51 56.6	8.7			
15 49.5	−52.3	CPD −52° 9105	15 47.6	−52 9.5	8.4			
15 50.0	−52.2	CPD −52° 9105	15 47.6	−52 2.1	8.4			
15 51.5	−52.1	CDM −51° 9684	15 50.7	−51 57.5	9.1			
16 2.0	−51.9					21851	16 2.0	−51 51 7.8
16 5.0	−52.0							
16 7.0	−52.1							

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D H Cl. Rem. Nr. Klinie Int.

15.9	17.8	a		N 1	
16.0	18.4	H		K=H 2	
15.7	19.2	a		N 1	
15.7	19.3	E		K=H 1	
15.7	19.7	a		N 1	
15.1	20.0	a		N 1	
15.6	23.2	H		N 1	
15.4	23.3	F	1551	K=H 1	
15.3	23.7	H		N 1	
15.2	24.1	H		N 1	
15.6	24.2	F	1552	K=H 2	
16.3	7.8	a		N 2	
16.9	8.1	a		N 1	
16.7	8.9	a		N 2	
16.1	9.0	a		N 2	
16.4	9.1	a		N 2	
16.5	9.3	a		N 1	
16.9	10.9	a		N 1	
17.0	11.6	a		N 1	
16.1	12.6	a		N 1	
16.4	16.0	F	1553	K=H 1	
16.3	15.1	a		K=0.3H 1	
16.6	15.7	a		K=H 1	
16.7	16.3	F	1554	K=H 1	
16.7	16.5	a		N 2	
16.8	16.7	E		K=H 1	
16.6	16.8	F	1555	K=H 1	

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1900 h m	°					A.G.C. No.	1900 R.A.	1900 Dec.	Mag.
16 11.9	−52.3								
16 13.5	−52.4					22103	16 13.5	−52 14	8
16 16.0	−52.3								
16 16.4	−52.3								
16 17.7	−52.2								
16 18.7	−51.8								
16 28.1	−51.9								
16 29.0	−51.8								
16 30.5	−51.8								
16 31.9	−51.7					22478	16 31.7	−51 37	8
16 32.0	−51.9					22485	16 32.0	−51 47	7.8
						22486		48	9.5
15 38.5	−52.4	CPD	−52°8847	15 36.6	−52 12.1	8.2	21321	15 38.5	−52 17 8.5
15 39.6	−52.6	CPD	−52°8869	15 37.6	−52 29.6	8.1			
15 42.0	−52.7	CPD	−52°8927	15 40.0	−52 30.1	7.8			
15 42.1	−52.4	CPD	−52°8937	15 40.4	−52 10.6	7.6	21393	15 42.3	−52 16 8.5
15 42.6	−52.5	CPD	−52°8949	15 40.8	−52 19.6	8.0	21395	15 42.4	−52 34 8.8.
15 43.5	−52.5	CPD	−52°8970	15 41.5	−52 20.1	8.5			
15 49.0	−52.8	CPD	−52°9087	15 46.5	−52 34.6	8.1			
15 51.1	−52.8	CPD	−52°9116	15 48.8	−52 38.0	8.4			
15 54.5	−52.4	CPD	−52°9175	15 52.5	−52 10.7	8.5			
16 2.0	−52.5								
16 2.5	52.5								
16 4.5	−52.6								
16 6.5	−52.6								
16 7.1	−52.6								
16 7.9	−52.8					21968	16 7.7	−52 40	8.5
16 8.1	−52.7					21985	16 8.4	−52 34	8.2

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H	Cl	No. Rem.	Kline Int.
17.0	17.2	a	K=0.8H 3
17.0	17.3	a	N 1
16.5	17.5	a	K=H 1
16.6	17.9	a	N 2
16.6	18.7	F. 1556	K=H 2
16.9	19.0	a	N 1
16.7	19.2	a	N 1
16.3	19.5	a	N 1
16.3	19.6	a	N 1
16.7	20.3	G	K=H 1
16.2	20.4	a	N 2
16.1	21.0	H	N 1
16.1	21.2	a	N 3
16.1	22.0	a	N 2
16.4	21.5	Mg?	N 1
16.6	22.4	H	N 1
16.2	23.3	Mg	N 2
16.5	23.9	a	N 2
17.8	5.6	a	N 2
17.9	6.6	a	N 3
17.3	7.4	a	N 2
17.9	7.8	a	N 2
17.3	9.1	a	N 3
17.8	9.9	H	N 1
18.0	10.4	F. 1557	K=H 2
17.9	10.6	a	N 3
17.6	12.2	F 1558	K=H 1

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1900 h m	°	A.G.C. 1900 1900 No.	R.A. h m	Dec. ° ′	Magn.
16 9.5	−52.9	22013	16 9.6	−52 50	6.8
16 9.9	−52.9				
16 10.5	−52.6				
16 11.7	−52.9				
16 14.5	−52.6	22127	16 14.4	−52 29	8
16 15.5	−52.8	22163	16 15.8	−52 49	8.5
16 16.0	−52.7				
16 16.9	−52.5				
16 17.2	−52.5				
16 19.9	−52.7				
16 20.0	−52.3				
16 22.0	−52.3	22288	16 22.0	−52 11	8
16 22.5	−52.3	22294	16 22.5	−52 14	7.5
16 25.0	−52.2	22341	16 24.9	−52 9	8
16 24.0	−52.4				
16 26.5	−52.5				
16 29.5	−52.3	22437	16 29.3	−52 10	7.5
16 31.5	−52.4	22481	16 31.7	−52 13	8.5
15 30.7	−53.1 CPD −52°8640	15 29.0	−52 53.4	7.6	21139 15 30.9 −52 58 8
15 34.0	−53.2 CPD −52°8732	15 32.1	−52 59.1	7.4	21214 15 34.0 −53 4 7.3
15 37.0	−52.9 CPD −52°8796	15 35.2	−52 41.2	7.9	21287 15 37.1 −52 46 8.2
15 38.0	−53.2 CPD −52°8831	15 36.2	−52 56.3	8.1	21311 15 38.0 −53 7 8.2
15 42.5	−52.9 CPD −52°8944	15 40.6	−52 49.4	6.8	21399 15 42.5 −52 54 6.0
15 45.2	−53.2 CPD −53°6724	15 43.1	−53 3.5	8.4	
15 47.0	−53.3 CPD −53°6753	15 44.7	−53 12.5	7.4	21494 15 46.6 −53 17 7.8
15 47.7	−53.2 CPD −53°6766	15 45.4	−53 6.6	7.7	21505 15 47.3 −53 12 7.5
15 52.5	−53.2 CPD −52°9149	15 50.9	−52 58.8	8.2	

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Plate 3, 2, 4

C. H. Cl. Rem. Kline Int.

17.8	12.9	a	K=H	1
17.3	13.4	a	N	1
17.7	13.7	a	N	1
17.3	14.1	a	K=H	1
17.0	14.5	H	N	2
17.2	14.6	H	N	1
17.8	15.1	a	K=H	1
17.4	15.5	a	K=H	1
17.4	16.5	a	K=H	1
18.0	17.3	a	N	2
Ask Mrs. F.	17.1	18.2	a	N 1
	18.0	17.8	a	K=H 1
	17.2	18.4	a	N 2
	17.2	18.5	a	N 2
Ask Mrs. F	17.3	18.6	a	K=H 1
	17.2	19.1	a	N 2
	17.7	20.1	a	K=H 1
	17.1	21.8	a	N 1
	17.7	22.1	g	K=H 2
	17.8	22.2	g	K=H 1
	18.5	10.0	Nva	N 1
17.1 11.0 ?	17.1	10.0	a	N 1
	18.1	10.9	a	N 2
	18.5	11.1	g	K=H 2
	18.4	11.5	a	N 2
	18.9	12.1	B 1559	N 3
	18.2	13.4	a	N 3

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1900 h m °						A.G.C. No.	1900 R.A.	1900 Dec.	Mag.
15 54.9	−53.2	CPD −53° 6978	15 53.1	−53 4.5	8.3	21678	15 54.4	−53° 5′	9
15 56.5	−53.0	CPD −52° 9211	15 54.8	−52 52.4	8.0				
15 57.6	−53.2	CPD −53° 7051	15 55.9	−53 1.9	8.5				
15 59.0	−53.0	CPD −52° 9240	15 57.1	−52 50.6	8.0				
16 0.5	−52.9	CPD −52° 9258	15 59.6	−52 44.3	7.9	21813	16 0.5	−52 48	7.2
16 0.7	−52.9					21826	16 0.8	−52 52	8.5
16 2.5	−53.2								
16 4.0	−53.1					21895	16 4.1	−52 57	9
16 7.5	−53.1								
16 9.7	−53.5					22021	16 10.0	−53 18	7.5
16 12.0	−53.4					22063	16 11.8	−53 16	8.5
16 13.6	−53.0					22109	16 13.6	−52 52	8
16 14.0	−53.0					22113			8.5
16 16.0	−53.0					22163	16 15.8	−52 49	8.5
16 19.9	−53.2								
16 24.5	−52.7								
16 25.7	−53.0					22356	16 25.8	−52 59	7.2
16 26.2	−53.0					22359	16 26.0	−52 59	7.5
15 45.5	−53.5	CPM −53° 6726	15 43.4	−53 25.8	8.6	21466	15 45.2	−53 31	8.2
15 48.6	−52.7	CPM −53° 6728	15 43.4	−53 32.2	8.2	dist at approx 18.7			10.0
15 48.1	−53.4	CPD −53° 6791	15 46.4	−53 14.9	7.9	21527	15 48.3	−53 20	9
15 49.0	−53.5	CPD −53° 6824	15 47.1	−53 25.2	7.9	21545	15 49.0	−53 30	7.5
15 50.1	−53.6	CPD −53° 6860	15 48.2	−53 23.5	7.7	21575	15 50.2	−53 27	8
15 52.2	−53.8	CPD −53° 6911	15 50.2	−53 39.5	6.5	21618	15 52.1	−53 44	6.5
15 56.5	−53.5	CPD −53° 7015	15 54.7	−53 21.5	6.7	~~21623~~	~~15 52.3~~	~~−53 33~~	~~8.5~~
						21723	15 56.6	−53 26	6.9

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Plate 39 $\frac{2}{84}$

& H	Cl.	Rem.	Nr.	Klumpke Int.
16.6	14.2	a	Nr	1
18.1	14.3	a	Nr	1
16.2	14.4	a	Nr	2
18.5	14.5	a	K=H	1
18.6	15.1	H	Nr	1
18.1	15.9	K	K=H	3
18.1	16.3	a	K=H	1
18.9	16.4	a	Nr	1
16.9	16.6	D. 15607	K=H	1
18.5	16.9	Nva	K=H	3
16.3	17.0	g	K=H	2
16.2	17.5	a	Nr	1
16.3	17.6	a	Nr	1
16.9	18.4	E	K=H	1
18.5	18.8	H	Nr	1
18.2	19.4	g	K=H	2
18.1	19.8	H	Nr	1
18.4	21.2	a	Nr	1
18.6	22.2	a	Nr	1
18.4	22.5	a	Nr	3
16.2	23.2	a	Nr	1
19.0	23.1	a	K=H	2
~~19~~ 18	4.5	a	Nr	2
19 20.8	4.4	a	Nr	1
19.8	6.8	a	Nr	2
19.8	8.9	a	Nr	2
19.4	10.0	H	Nr	1

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1900					A.G.C.	1900	1900		
h m	°				No.	R.A.	Dec.	Magn.	
15 59.2	−53.6	CPD −53°7081	15 57.3	−53 29.1	8.5				
16 0.0	−53.4	CPD −53°7106	15 57.9	−53 15.7	8.7				
16 0.5	−53.5	CPD −53°7118	15 58.2	−53 21.2	8.4				
16 0.9	−53.7	CPD −53°7151	15 59.0	−53 27.4	8.6	21822	16 0.7	−53 40	8
16 2.5	−53.7								
16 5.2	−53.4					21919	16 5.5	−53 25	6.5
16 6.9	−53.5								
16 6.9	−53.9								
16 7.9	−53.9								
16 8.7	−53.6					21995	16 8.8	−53 34	6.0
16 9.2	−53.6					22003	16 9.1	−53 27	7.2
16 10.9	−53.5								
16 11.2	−53.6								
16 14.7	−53.8								
16 15.4	−53.6								
16 17.1	−53.4					22183	16 17.0	−53 21	7.8
16 18.7	−53.3					22114	16 18.5	−53 13	8
16 23.0	−53.5								
16 26.6	−53.5								
16 27.9	−53.5					22400	16 27.4	−53 26	7.8
16 29.7	−53.2								
16 29.5	−53.6					22438	16 29.4	−53 34	8.5
						22439			9.8
15 36.5	−54.1	CPD −53°6667	15 34.7	−53 55.3	8.0				
15 37.3	−54.2	CPD −53°6674	15 35.4	−53 58.9	8.4				
15 41.0	−54.2	CPD −54°6687	15 39.2	−54 0.4	7.9	21370	15 41.1	−54 5	7.8
15 41.5	−54.2	CPD −54°6692	15 39.3	−54 1.1	7.9	21373	15 41.2	−54 6	8.5
15 45.2	−54.0	CPD −53°6723	15 43.1	−53 51.8	8.4				

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Plate 34 2 4

O H Cl. Remarks

19.3 10.2 C K=H 1

~~H=O No. F.~~ 19.9 12.5 a K=0.5H 3

19.1 13.5 H N 1

19.6 13.6 a N 1

19.9 14.5 a N 2

19.6 15.1 a N 1

19.5 15.5 a N 3

19.1 15.8 a N 1

19.6 15.8 F 1561 K=H 2

19.4 15.9 C K=H 2

19.2 16.2 F 1562 K=H 2

20.0 15.9 K K=1.2H 3

19.9 16.5 a N 1

19.2 16.9 H N 1

19.9 19.6 G K=H 2

19.5 18.6 H N 1

19.4 22.6 a N 1

19.9 22.5 H N 1

19.9 23.9 F 1563 K=H 2

20.2 5.5 a N 2

20.2 5.5 a N 2

20.5 9.3 a N 1

21.0 19.6 a N 3

20.3 10.2 a N 1

20.2 14.3 F 1564 K=H 1

20.6 14.5 a N 1

20.1 15.5 a K=H 1

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1900 h m	°						N.G.C. No.	1900 R.A.	1900 Dec.	Magn.
15 45.6	-53.9	CPD	-53° 6732	15 43.8	-53 49.5	8.2				
		CPD	-54° 6922	15 51.4	-54 13.2	7.2	21640	15 53.3	-54 17	6.7
15 57.9	-53.9	CPD	-53° 7043	15 55.6	-53 46.1	8.6				
15 57.9	-54.2	CPD	-54° 7003	15 56.6	-54 2.0	8.0	21743	15 57.5	-54 6	8.8
16 1.3	-54.3	CPD	-54° 7093	15 59.1	-54 11.6	7.9	21830	16 1.0	-54 16	7.8
16 2.9	-54.2									
16 4.4	-54.2						21894	16 4.1	-54 5	7.2
16 5.0	-53.8									
16 5.0	-54.1						21912	16 5.2	-54 6	7.5
16 5.2	-53.9									
16 6.0	-53.9									
16 5.5	-54.4						21921	16 5.6	-54 22	5.5
16 8.2	-54.4									
16 8.5	-54.0						21990	16 8.7	-53 56	7.8
16 11.1	-54.3						22053	16 11.4	-54 16	7.8
16 14.3	-54.2						22128	16 14.6	-54 24	8.5
16 28.5	-53.9						22414	16 28.0	-53 46	8.2
16 28.9	-54.1									
16 33.1	-54.1									
15 29.0	-54.3	CPD	-54° 6601	15 27.8	-54 3.1	7.9				
15 30.0	-54.3	CPD	-54° 6607	15 28.5	-54 6.4	7.4	21107 21109	15 29.6 29.7	-54 10	9 9.5
15 42.4	-54.6	CPD	-54° 6705	15 40.5	-54 22.4	8.6				
15 43.5	-54.8	CPD	-54° 6711	15 41.4	-54 40.3	6.7	21421 21422	15 43.3	-54 45	6.2 9.5
15 45.6	-54.4	CPD	-54° 6733	15 43.8	-54 15.3 16.5	8.5 8.9				
16 0.2	-54.5	CPD	-54° 7045	15 57.8	-54 18.6	7.8				
16 0.7	-54.7	CPD	-54° 7062	15 58.3	-54 27.8	8.6				
16 3.5	-54.5									

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Plate 39 2/8 H
& H. Cl. Rem. Kline Lt.

20.9	15.1	a		N 1
20.8	15.5	a		K=H 1
20.5	17.0	H		N 1
20.9	17.1	a		N 1
21.2	17.3	a		N 1
20.8	17.4	a		N 2
20.5	17.5	a		N 1
20.9	17.6	a		N 2
20.9	17.9	a		N 2
20.1	17.9	a		K=H 1
20.8	15.1	a		K=H 2
20.2	18.2	a		N 1
20.3	18.6	H		N 1
20.5	19.1	a		N 2
21.0	19.8	T	1565	K=H 2
22.0	6.3	H		N 1
22.3	6.6	a		N 2
21.2 7.8?	21.2	8.8	a	K=H 2
21.2	13.6	a		N 1
21.2	14.8	H		N 1
21.5	15.1	a		N 2
21.9	15.9	T	1566	K=H 3
21.3	17.2	Mg?		N 1
21.2	17.9	K		K=H 0
22.0	18.3	a		K=0.3H 2
21.1	18.6	a		N 2
22.0	16.9	a		N 2

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	1900			A.G.C.	1900	1900	
	h m	°		No.	R.A.	Dec.	Magn.
16	2.5	−54.8					
16	4.3	−54.8					
16	9.0	−54.6					
16	9.5	−54.7					
16	10.3	−54.4		22023	16 10.2	−54 24	9
16	10.4	−54.8					
16	10.3	−54.8					
16	11.0	−54.8					
16	11.5	−54.7					
16	12.0	−54.4					
16	13.0	−54.8					
16	13.0	−54.4					
16	14.5	−54.5		22128	16 14.6	−54 24	8.5
16	16.5	−54.6		22172	16 16.4	−54 30	8.2
16	19.5	−54.8		22227	16 19.1	−54 45	8
15	31.9	−55.2		21160	15 31.9	−55 6	7.5
15	33.0	−54.9	CPD −54°6629 15 31.2 −54 40.9 8.2				
15	37.1	−54.9	CPD −54°6654 15 35.2 −54 42.0 7.9	21286	15 37.1	−54 47	8
15	57.5	−55.0	CPD −54°6993 15 55.1 −54 47.6 7.9				
16	1.5	−55.0		21836	15 1.3	−54 55	8
16	3.0	−55.2		21861	16 2.6	−55 5	8
16	6.0	−55.3		21918	16 5.4	−55 17	6.3
16	9.6	−55.0					
16	12.4	−54.9		22074	16 12.4	−54 54	6.6
16	14.0	−55.4		22119	16 13.9	−55 19	7.5
16	15.0	−54.9		22143	16 15.0	−54 48	7.8
16	16.0	−55.4					

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Platte 3 7 2 8 4

Dr. H. Cl. Berlin. Klinic Int.

21.5	19.0	a	N	2
21.4	22.7	H	N	1
21.2	23.0	a	N	2
22.2	7.8	a	N	1
23.0	8.1	a	K=H	1
22.2	9.2	a	N	1
23 0	11.3	a	N	1
22.5	13.7	Fl 1567	K=H	1
22.6	13.8	a	N	1
22.3	13.9	H	N	1
22.9	14.7	H	K=H	2
22.8	14.8	a	N	2
23.0	15.1	a	N	3
22.9	16.3	a	N	1
22.8	19.5	a	N	2
23.4	7.8	a	N	3
24.3	8.9	a	N	1
23.6	11.7	H	N	1
23.0	12.7	a	N	1
24.3	12.6	H	N	1
23.7	13.0	a	N	2
23.5	13.7	H	N	1
23.2	14.3	Fl 1568	K=H	3
23.7	14.9	a	K=H	2
23.4	15.2	a	N	2
23.8	15.6	Fl 1569	K=H	1
23.6	16.3	H	K=H	1

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1900 h m °		A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
16 16.4 − 55.1					
16 29.4 − 54.9		22436	16 29.3	−54 40	8.5
16 30.2 − 54.8					
15 37.0 − 55.4	CPD −55°6681	15 35.1	−55 7.1		8.4
15 38.0 − 55.9	CPD −55°6689	15 35.9	−55 34.6		7.9
15 42.0 − 55.4	CPD −55°6719	15 39.7	−55 11.7		8.3
15 49.5 − 55.9	CPD −55°6823	15 47.1	−55 38.0		8.2
15 57.9 − 55.6					
15 58.1 − 55.7					
15 58.5 − 55.6					
16 1.0 − 55.9					
16 1.9 − 55.8					
16 3.5 − 55.9		21872	16 3.3	−55 59	8.5
16 7.6 − 55.8					
16 17.9 − 55.8		22207	16 18.2	−55 36	8
15 36.5 − 56.1	CPD −55°6679	15 34.5	−55 45.7		7.5
15 40.5 − 56.5					
15 51.0 − 56.3					
15 54.2 − 55.9	CPD −55°6932	15 51.8	−55 29.1		8.4
15 53.5 − 56.6		21636	15 53.3	−56 24	7.8
15 55.5 − 56.3					
15 57.5 − 56.2		21733	15 57.3	−56 4	7.8
15 59.7 − 55.9		21784	15 59.4	−55 55	6.6
16 2.0 − 56.3					
16 3.9 − 56.2					
16 6.0 − 56.3					
16 7.9 − 56.2		21965	16 7.4	−56 26	8

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Plate 3784

D. H. Cl. Rm Klinostat

23.6	16.7	a	K=H 1
23.7	18.6	a	N 1
23.2	20.9	a	K=H 2
23.4	24.1	a	K=H 2
24.3	16.7	a	N 2

R.A. 16h 38m Dec. −51.°7

Plate 4956

4.4	6.3	a	N 1
4.1	9.1	a	K=H 1
4.4	10.1	a	K=H. 1
4.8	10.9	a	N 1
4.1	13.7	a	N 1
4.3	15.2	a	K=0.3H 3
4.0	18.9	a	N 1
4.5	19.9	a	N 2
4.1	20.0	E	K=H 1
4.6	21.8	a	N 1
5.0	21.0	a	N 1
5.0	22.6	a	K=.05H 2
4.2	24.0	a	N 1
6.0	6.3	Fr 1570	K=H 1
5.4	9.3	a	N 1
5.3	11.3	a	N 2
5.2	12.6	a	K=H 2
6.0	12.5	a	N 1
5.1	13.1	a	N 1

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1893phae.proj..879F

1900			A.G.C.	1900	1900		
h m	°		No.	R.A.	Dec.	Magn.	
16 8.5	−56.2		~~21993~~	~~16 8.9~~	~~−56 26~~	~~7.8~~	
16 15.1	−56.3						
16 23.5	−55.9						
16 35.0	−55.9						
16 8.7	−56.5		21993	16 8.9	−56 26	7.8	
16 12.7	−46.2	CDM −46° 10652	16 11.2	−46 2.5	7.8	22098	16 13.0 −46 7 8
16 21.0	−46.2	CDM −46° 10768	16 19.2	−46 2.1	7.8	22266	16 21.0 −46 6 7.8
16 23.9	−46.3	CDM −46° 10799	16 22.0	−46 12.3	7.9		
16 26.5	−46.6						
16 34.5	−46.2						
16 38.9	−46.4					22632	16 38.8 −46 21 6.8
16 49.4	−46.2						
16 52.0	−46.4						
16 52.5	−46.2					22971	16 52.5 −46 9 7.5
16 55.0	−46.4					23019	16 55.0 −46 37 9
16 55.5	−46.6						
17 0.3	−46.6					23141	17 0.2 −46 33 7.2
17 4.2	−46.2					23233	17 4.5 −46 4 7.8
16 41.1	−47.2					22674	16 40.9 −47 6 8.2
16 50.5	−47.0					22924	16 50.5 −46 56 8
16 27.0	−46.9					22404	16 27.3 −46 47 8.5
16 31.0	−46.8					22470	16 30.9 −46 44 8
16 30.5	−47.2						
16 32.5	−46.8						

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Plate 4963
V. H Cl. Rem. Mn. Helium Int.

6.0	13.8	a		N 1
5.5	14.5	a		N 3
5.5	14.9	a		N 1
5.4	15.3	a	1591	K=H 3
5.8	15.9	a		N 1
5.8	15.9	a		N 2
5.5	16.4	a		N 1
5.9	19.5	a		N 2
5.1	19.8	a		N 2
5.1	15.6	a		N 2
5.6	19.2	a		N 1
5.9	21.2	a		K=0.2H 3
5.5	21.9	a		N 2
5.2	23.5	a		N 2
5.8	23.3	G		K=H 2
6.4	8.2	Fe	1592	K=H 1
6.4	8.8	a		N 4
6.5	11.2	a		N 1
6.8	13.2	Fe	1593	K=H 2
6.6	13.4	a		N 2
6.9	13.6	a		N 3
6.5	14.9	H		K=H 2
6.8	15.5	H		N 1
6.4	15.6	G		K=H 1
6.6	16.1	G		K=H 1
6.6	16.2	a		N 1
6.8	16.6	a		K=0.5H 2

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	A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
1900 h m 16 34.5 −47.3				
16 36.5 −47.0	22591	16 36.3	−46 55	7.5
16 37.0 −47.0				
16 39.5 −47.0	22638 22639 22640	16 39.2	−46 54	8 8.5 7.4
16 40.5 −47.2	22674	16 40.9	−47 6	8.2
16 41.2 −47.2				
16 42.6 −47.0	22702	16 42.4	−46 57	8.2
16 46.0 −47.2	22774	16 45.6	−47 5	8.5
16 47.1 −46.9				
16 49.1 −48.8				
16 50.5 −47.0	22924	16 50.5	−46 56	8
16 56.2 −47.1	23050	16 56.3	−47 1	6.6
16 57.7 −46.9	23078	16 57.7	−46 49	7.4
17 3.0 −46.6	23197	17 2.9	−46 36	7
17 2.5 −47.0	23182	17 2.5	−46 54	7.4
16 18.0 −47.3				
16 19.6 −47.3	22244 22246	16 19.8	−47 20	7 5
16 27.0 −47.5	22391	16 27.0	−47 43	9.2
16 32.5 −47.6	22502	16 32.5	−47 35	7.3
16 33.2 −47.5				
16 33.7 −47.6	22530	16 33.6	−47 33	7.8
16 37.7 −47.5	22611	16 37.4	−47 27	7.5
16 39.5 −47.6				
16 40.2 −47.4				
16 41.7 −47.6	22685	16 41.6	−47 33	8
16 42.0 −47.6				
16 48.7 −47.6	22867 22868	16 48.8 16 48.8	−47 36 −47 34	9.5 7.8

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Plate 4955
d H Cl. Rem. Klinkerfues

6.2	20.5	a	N 1
6.2	23.2	a	N 2
7.8	7.0	a	N 3
7.4	8.8	a	N 2
7.5	11.1	a 1534	N 3
7.2	11.5	a	N 2
7.7	12.6	a	N 1
7.3	13.3	a	N 1
7.4	13.5	a	N 1
7.8	15.6	H	N 1
7.9	15.6	a	N 2
7.9	15.7	a	N 2
7.8	16.1	a	N 1
7.1	18.2	a	K=H 1
8.0	21.9	H	K=H 2
9.0	6.4	a	N 1
8.5	6.5	a	K=H 1
8.5	7.2	a	N 1
8.5	8.2	a	K=H 1
8.2	8.8	a	N 2
8.9	9.0	H	N 1
8.5	9.5	H 1535	K=H 1
8.2	11.0	H 1636	K=H 1
8.1	11.2	a	K=H 3
8.7	12.7	a	N 1
8.7	12.9	H	K=H 1
8.6	13.5	a	N 2

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1900	N.G.C. 1900 1900 No. R.A. Dec. Magn.
h m °	
16 54.0 – 47.3	
17 2.1 – 47.2	
16 13.7 – 47.9	
16 19.3 – 47.9	22233 16 19.4 – 47 49 7.7
16 26.6 – 47.9	22371 16 26.4 – 47 54 7.1
16 27.5 – 47.8	22406 16 27.4 – 47 46 7.2
16 31.0 – 48.1	
16 33.1 – 47.9	
16 34.4 – 47.9	
16 40.1 – 48.2	22656 16 40.1 – 48 10 9.5.
16 40.2 – 48.2	22659 16 40.2 – 48 9 8
16 40.5 – 48.3	22657 16 40.2 – 48 10 8.2
16 41.6 – 48.2	
16 47.5 – 47.9	
16 58.4 – 48.3	
16 11.5 – 48.5	
16 12.5 – 48.4	
16 14.5 – 48.4	
16 18.0 – 47.3	
16 19.0 – 48.3	
16 19.6 – 48.5	22240 16 19.7 – 48 34 8
16 21.5 – 48.5	
16 26.0 – 48.3	
16 26.7 – 48.3	22378 16 26.6 – 48 15 7.5
16 30.6 – 48.6	
16 31.4 – 48.7	
16 33.1 – 48.6	22517 16 33.3 – 48 33 7

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Plate 4955
D. H. Cl. Rem. Kline Int

8.6	13.7	a	N 3
8.6	14.3	H	N 1
8.2	14.5	a	N 2
8.2	16.2	a	N 1
8.8	18.0	a	N 2
8.8	18.1	E	K=H 1
9.0	19.4	a	K=0.5H3
8.9	19.9	G	K=1.2H3
8.4	21.5	F 1577	K=H 1
8.3	21.8	a	K=H 1
10.0	6.1	a	N 2
9.8	7.3	a	N 1
9.6	8.4	G	K=H 2
9.2	9.7	a	N 1
9.1	10.0	a	N 1
9.5	10.4	a	N 2
9.5	11.2	F 1576	K=H2
9.9	11.5	H	N 1
10.0	10.5	a	N 2
10.0	10.6	a	N 1
9.7	11.7	F 1579	K=H 1
10.0	14.6	a	N 1
9.4	15.2	a	N 1
9.8	16.5	a	N 2
9.6	16.9	E	K=H 1
9.4	17.0	F 1580	K=H 2
9.4	18.4	F 1581	K=H 1

a-k Mo. F.
" " "

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1893phae.proj..879F

1900 R		A.G.C. No.	1900 R		Mag.
h m	°		h m	°	
16 34.0	−48.6	22533			6.8
		22534	16 33.9	−48 34	6
16 35.6	−48.5				
16 36.5	−48.3				
16 42.0	−48.3				
16 47.4	−48.6	22826	16 47.4	−48 38	8
16 47.9	−48.6				
16 51.3	−48.7	22942	16 51.5	−48 43	7
16 53.0	−48.5	22980	16 52.9	−48 29	6.4
16 57.9	−48.4				
16 58.5	−48.3				
16 10.3	−49.1				
16 14.3	−49.0				
16 17.9	−49.0	22203	16 17.9	−48 55	7.8
16 21.5	−48.9				
16 22.5	−48.8				
16 23.9	−49.0				
16 26.2	−49.0				
16 27.0	−49.2	22392	16 27.1	−49 6	8
16 27.9	−49.2	22452	16 27.4	−49 7	7.8
16 37.5	−49.4				
16 38.5	−49.1				
16 42.6	−49.3				
16 43.3	−49.2				
16 44.2	−48.9	22740	16 44.3	−48 57	7.5
16 48.5	−49.0				

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v H Cl. Rein. Kline Lick

	9.~~2~~ 2~~9~~.5	a	N	1
9.5 21.7?	9.5 20.7	a	N	1
	9.2 22.4	H	K=H	2
	9.2 23.6	ma	N	2
	9.8 23.9	a	N	2
	10.4 5.7	a	N	2
	10.3 6.3	a	N	2
	10.2 6.4	a	N	2
	10.1 6.6	H	N	1
	10.4 7.5	a	N	3
	10.1 8.6	H	K=H	1
	10.1 9.2	E	K=H	1
	10.7 11.4	E	K=H	1
	10.8 11.5	a	N	1
	10.7 12.7	a	N	1
	10.3 13.8	B 1582	A*	3
	10.8 14.0	a	K=H	1
	10.6 14.6	H	N	1
	10.3 14.9	a	K=H	2
	10.8 15.8	a	K=H	1
	11.0 16.2	a	N	2
	10.5 19.8	J	K=H	2
	10.7 19.0	a	N	2
	10.4 22.5	a	N	1
	11.2 5.8	H	N	1
	11.5 6.9	E	K=1.3H	3
	11.7 6.5	~~O~~ 1583	K=H	1

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1900 h m	°
16 54.9	−48.9
16 58.5	−49.0
17 0.5	−48.8
17 4.0	−48.8
17 5.3	−49.1
16 8.9	−49.3
16 10.7	−49.2
16 11.3	−49.2
16 12.3	−49.2
16 14.7	−49.4
16 18.4	−49.3
16 20.4	−49.4
16 26.5	−49.7
16 26.7	−49.8
16 30.6	−49.7
16 34.0	−49.5
16 34.9	−49.7
16 36.6	−49.6
16 37.6	−49.3
16 40.5	−49.8
16 41.5	−49.9
16 46.5	−49.6
16 51.2	−49.7
17 1.1	−49.4
16 9.2	−49.7
16 9.5	−49.8
16 11.1	−50.0

A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
23145	17 0.6	−48 45	7
23215	17 1.0	−48 45	6.6
22051	16 11.2	−49 10	7.2
22081	16 12.4	−49 4	8
22147	16 15.0	−49 20	5.9
22210	16 18.2	−49 12	7.8
22383	16 26.9	−49 33	8
22540	16 34.1	−49 27	6.0
22809	16 46.9	−49 33	7.0
23372	16 10.6	−50 6	7.5

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v H Cl Rem. K line Int

11.6	6.8	K	K=1.2H	4
11.7	7.1	Pr 1584	K=H	1
12.0	9.2	a	N	1
11.1	10.3	a	N	1
11.6	10.5	a	N	1
11.7	10.8	H	N	1
11.9	11.9	a	K=H	1
11.5	13.2	G	K=H	2
12.0	14.1	a	K=H	1
11.1	16.5	a	K=H	3
11.7	16.9	a	N	1
11.6	17.5	a	K=H	1
11.5	17.9	G	K=H	2
11.4	18.4	a	N	1
11.6	20.5	a	N	2
12.0	20.7	a	K=H	2
11.5	21.1	a	N	2
11.7	23.3	a	N	2
12.3	6.5	a	N	1
12.4	7.7	a	N	1
12.8	8.5	a	N	2
12.8	8.6	a	N	2
12.7	9.6	a	K=H	1
12.3	10.8	a	N	1
12.4	11.0	a	K=H	1
12.3	14.8	a	K=H	1
12.6	16.4	Pr 1585	K=H	1

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1900	A.G.C. No.	1900 R.A.	1900 Decl.	Magn.
16h 12.0m −49.9°				
16 13.0 −50.0	22058	16h 11.8m	−49° 58′	8.2
16 20.0 −50.3	22075	16 12.4	−49 55	4.6
16 24.0 −49.8				
16 24.0 −49.2	~~23694~~	~~16 24.1~~	~~−~~	
16 24.9 −49.2				
16 28.5 −50.3				
16 32.3 −50.1	22488	16 32.1	−50 1	7.5
16 35.4 −50.4				
16 43.0 −49.9	22711	16 43.0	−49 52	7
16 44.0 −50.3	22712			7.5
16 45.7 −50.1				
16 47.0 −50.0	22823	16 47.3	−50 2	7.2
16 48.7 −50.0				
16 55.1 −50.0	23022	16 55.2	−50 1	8.5
	23024		0	7.5
16 55.6 −50.3	23031	16 55.6	−50 15	7.5
16 57.4 −50.0				
17 4.2 −50.1				
16 11.0 −50.3				
16 14.9 −50.4				
16 17.2 −50.7				
16 17.6 −50.7	22193	16 17.5	−50 31	8
16 20.9 −50.6				
16 25.0 −50.4				
16 25.5 −50.5	~~23049~~	~~16 25.2~~	~~−50 47~~	~~8.5~~
16 37.0 −50.6				
16 42.5 −50.7				

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V	H	Cl.	Rem.	Kline Lab.
12.4	18.3	B	1586	N 3
12.4	19.0	a	N	N 3
13.0	20.1	a		N 1
12.9	21.8	a		N 1
12.6	22.4	a		N 1
13.4	6.9	H		K=H 1
13.9	7.0	a		N 1
13.5	7.1	a		N 1
13.5	8.9	a		N 1
13.6	9.2	a		N 1
13.4	9.3	a		N 1
13.8	9.6	a		N 2
13.8	10.1	a		K=H 1
13.1	10.4	H	1587	K=H 2
13.[illegible]	11.0	H		N 1
13.8	11.2	H		N 1
13.7	11.3	a		N 1
13.5	12.0	a		N 3
14.0	13.5	a		K=H 3
13.8	13.7	a		N 2
13.5	18.4	a		N 1
13.5	20.0	a		K=H 3
13.7	20.5	a		N 2
13.5	20.7	a		N 2
13.8	24.4	a		N 2
14.8	7.6	H		K=H 2
14.8	9.3	H	1588	K=H 1

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1900	A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m °		h m s	° ′ ″	
16 48.5 −50.5	22854	16 48.4	−50 31	6.9
16 50.4 −50.5	22923	16 50.6	−50 29	6.0
16 54.3 −50.8	23000	16 54.0	−50 58	7.0
17 0.0 −50.7				
17 1.5 −50.5				
16 12.0 −50.9	22067	16 12.1	−50 48	7.7
16 12.4 −51.2				
16 12.7 −50.9				
16 18.5 −51.0				
16 19.5 −51.0				
16 20.0 −51.0				
16 20.5 −51.2				
16 22.3 −51.2				
16 23.0 −50.9				
16 25.1 −50.9	22349	16 25.2	−50 47	8.5
16 25.5 −51.3	22352	16 25.6	−51 7	8.2
16 25.9 −51.2				
16 28.5 −51.1	22422	16 28.4	−51 2	8
16 33.0 −51.3	22509	16 33.0	−51 17	6.8
16 33.8 −51.3	22525	16 33.5	−51 12	8
16 48.7 −51.0				
16 54.0 −50.9	23000	16 54.0	−50 58	7.0
16 56.0 −51.1	23032	16 55.6	−51 3	8.2
16 56.4 −51.0	23045 23046 23047	16 56.2	−50 56	8.5 9.5 8.2
17 8.4 −51.0				
16 14.0 −51.6				
16 19.9 −51.7				

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23 18 V H. Ch. Rem. Kline Smt.

13.7	13.4	Ė		K=H	1
14.3	10.0	J		K=H	2
14.5	10.5	ȧ		K=H	1
14.5	11.5	ȧ		N	1
14.1	11.5	ȧ		K=H	1
15.0	12.3	ȧ		N	1
14.7	13.2	Ė		K=H	1
14.1	13.2	ȧ		N	1
14.2	15.4	ȧ		K=H	1
14.6	15.6	ȧ		N	1
14.1	16.4	ȧ		K=.5H	2
14.2	17.5	ȧ		N	1
14.9	18.2	Ė		K=H	1
14.9	18.3	ȧ		K=H	1
14.5	19.9	ȧ		N	1
14.2	20.9	Ė		K=H	1
15.8	8.3	ȧ		K=H	1
16.0	10.3	ȧ		K=.2H	3
15.8	11.1	ȧ	1589	N	2
15.5	11.5	H		N	1
15.8	12.4	Nva		N	1
16.0	13.0	ȧ		K=.2H	3
15.0	13.2	ẏ		K=H	2
15.5	13.3	H		K=H	1
15.1	14.4	ȧ		K=H	1
15.5	15.1	Ḟ	1590	K=H	1
15.7	17.8	ȧ		N	1
16.6	18.2	ȧ		N	3

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1900 h m °	A.G.C. 1900 No	1900 R.A.	Dec.	Magn.
16 46.0 −51.3				
16 21.5−51.4	22281	16 21.7	− 51 21	7.8
16 23.4−51.5				
16 26.1− 51.5				
16 26.5−51.4				
16 29.0−51.9				
16 31.5− 51.7	22478	16 31.7	− 51 37	8
16 32.0−51.5				
16 39.7 − 51.4				
16 40.5−51.7				
16 43.0−51.4	22708	16 42.7	− 51 22	8.2
16 46.0−51.4				
16 48.2−51.8	22848	16 48.2	− 51 44	9
16 48.7− 51.8				
16 53.0−51.5				
16 57.0−51.4				
16 15.9−52.2				
16 22.2−52.3	22288	16 22.0	− 52 11	8
16 25.0−52.2	22341	16 24.9	− 52 9	8
16 26.3−52.0				
16 29.5−52.2	22437	16 29.3	− 52 10	7.5
16 31.5−52.3	22481	16 31.7	− 52 13	8.5
16 32.4−51.8	22485	16 32.0	− 51 47	7.8
	22486		48	9.5
16 32.4−52.1				
16 36.0− 51.9				
16 38.5−52.2				
16 47.0−52.3				
16 48.6−52.2	22860	16 48.7	− 52 8	6.6

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15.2	22.3	a	K=H	2
16.9	6.7	A	1591 K=H	1
16.9	7.2	a	N	2
16.2	7.2	a	N	1
16.2	7.6	E	K=H	1
16.7	7.9	E	K=H	2
16.1	9.5	a	N	2
16.6	9.6	H	N	1
16.2	10.7	E	K=H	1
16.3	11.6	H	N	1
16.8	11.0	a	N	1
16.8	14.6	H	N	1
16.9	15.9	a	N	3
16.6	17.4	a	N	1
16.4	17.9	a	N	1
16.6	18.4	a	N	1
16.4	18.6	a	N	1
16.6	18.9	a	N	1
17.0	19.3	a	N	3
16.4	21.2	a	N	2
16.3	21.2	a	N	2
16.1	23.1	a	N	2
16.3	24.2	H	N	1
17.3	5.8	a	N	1
17.5	6.5	a	N	3
17.5	7.7	a	N	2
17.3	8.4	a	N	1
17.7	9.5	a	N	1

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Z.C. Epoch 1875 C.G.C. 1900 1900

1900 h m °	Z.C. h	Z.C. h m ° ′	mag.	C.G.C. No.	R.A.	Dec.	Magn.
17 1.5 − 51.8	16 4257	16 ~~16~~ 59.6 − 51 43	8				
16 10.3 − 52.6	16 572	16 8.2 − 52 41	8.5				
16 12.2 − 52.7							
16 11.7 − 52.3							
16 13.5 − 52.3				22103	16 13.5	− 52 14	8
16 14.4 − 52.7				22127	16 14.4	− 52 29	8
16 20.0 − 52.3							
16 20.2 − 52.6							
16 24.0 − 52.4							
16 27.0 − 52.5							
16 25.0 − 52.7							
16 36.1 − 52.8							
16 41.1 − 52.8							
16 46.5 − 52.8							
16 47.6 − 52.7							
16 48.8 − 52.8							
16 49.5 − 52.6							
16 50.5 − 52.7				22926	16 50.8	− 52 35	9
16 52.0 − 52.9							
16 58.4 − 52.5							
16 58.6 − 52.5							
17 5.0 − 52.3							
17 8.9 − 52.3							
16 7.0 − 52.8				21968	16 7.7	− 52 40	8.5
16 9.5 − 52.9				22013	16 9.6	− 52 50	6.8
16 13.9 − 52.9				22109 22113	16 13.6	− 52 52	8 8.5
16 16.3 − 52.9				22163	16 15.8	− 52 49	8.5
16 19.6 − 53.2							

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C H Cl. Perm. Nov. Klinc Instr.

17.1	10.3	a	K=H	1
17.4	11.4	g	K=H	2
17.4	11.6	e	K=H	1
17.7	12.5	a	N	1
17.7	13.2	H	N	1
17.5	14.5	a	N	1
18.0	14.5	a	N	1
17.2	14.7	g	K=H	3
17.2	15.7	e	K=H	1
17.1	17.0	a	N	1
17.6	17.5	a	N	2
17.2	19.0	H	N	1
17.3	19.1	K	K=H	4
17.6	20.2	Fl	1592 K=H	3
17.5	21.5	a	N	1
18.8	5.4	H	N	1
18.9	6.4	Mag?	N	2
18.8	6.5	Fl	1593 K=H	2
18.5	6.8	a	N	2
18.4	7.3	Fl.	1594 K=H	1
18.7	8.2	H	N	1
18.1	8.8	H	N	1
18.4	8.8	H	N	1
18.2	10.6	a	N	1
18.3	12.0	a	N	3
19.0	12.2	a	N	1
18.9	12.4	H	N	1
18.6	12.6	a	N	2

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1900 h m	m	A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
16 22.0	−52.9				
16 25.7	−52.9	22356	16 25.8	−52 59	7.2
16 26.4	−53.1				
16 29.5	−53.2				
16 31.5	−53.3				
16 36.4	−53.2	~~22598~~	~~16 36.8~~	~~−52 58~~	~~6.6~~
16 36.1	−53.4				
16 37.0	−52.9	22598	16 36.8	−52 58	6.6
16 40.6	−53.0	22673	16 41.0	−52 46	6.8
16 45.3	−53.0				
16 46.4	−53.3				
16 50.7	−52.9	22934	16 51.2	−52 52	8
16 51.0	−53.0	22941	16 51.6	−53 0	4.2
16 55.0	−53.1	23018	16 55.2	−53 5	5.9
16 59.5	−53.0				
16 5.3	−53.4	21919	16 5.5	−53 25	6.5
16 8.7	−53.6	21995	16 8.8	−53 34	6.0
16 9.4	−53.6	22003	16 9.1	−53 27	7.2
16 9.9	−53.4	22021	16 10.0	−53 18	7.5
16 12.0	−53.3	22063	16 11.8	−53 16	8.5
16 15.1	−53.5				
16 17.1	−53.2	22183	16 17.0	−53 21	7.8
16 17.5	−53.4				
16 23.5	−53.3				
16 27.0	−53.6	22400	16 27.4	−53 26	7.8
16 28.0	−53.9	22414	16 28.0	−53 46	8.2
16 28.6	−53.8	22427	16 28.8	−53 43	8
16 29.5	−53.7	22438 22439	16 29.4	−53 34	8.5 9.8

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V	H	Cl.	Rem.	Kline	Int.
19.0	13.4	a		N	1
18.2	13.4	H		N	1
18.9	14.3	a		N	1
18.3	15.5	a		N	2
19.0	17.4	a		N	1
18.8	18.5	a		N	2
18.9	18.6	à		N	2
19.0	18.8	a		N	1
18.5	20.5	a		N	1
18.8	21.4	a		N	2
18.3	22.9	H		N	1
18.5	23.3	á		N	2
19.5	12.3	H		N	1
19.3	13.5	a		N	2
19.2	13.9	a		N	1
19.3	14.0	H		N	1
19.5	14.3	H		N	1
19.6	14.7	a		N	1
20.0	15.9	H		N	1
19.9	16.0	a		N	1
20.0	16.2	a		N	1
19.5	16.8	a		N	1
19.6	17.2	a		N	2
19.7	17.3	H		N	1
19.9	17.3	a		N	2
19.9	18.2	a		N	1
19.5	19.7	H		N	1
19.9	20.1	a		N	1

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1900 h m °	A.G.C. No	1900 R.A. h m	1900 Dec. ° ′	Magn.
16 32.3 −53.9	22498	16 32.6	−53 56	8
16 32.5 −53.6				
16 35.5 −53.9				
16 40.0 −53.6				
16 46.0 −54.0	22771	16 45.8	−54 12	7.5
16 49.5 −53.8	22897	16 49.9	−53 41	8
	22900			8.2
16 50.1 −53.9	22911	16 50.2	−53 46	8
16 50.5 −53.9				
16 56.5 −53.6				
16 59.6 −53.8	23117	16 59.4	−53 37	8.2
17 4.5 −53.3	23220	17 4.2	−53 15	7.5
17 6.0 −53.4	23253	17 5.5	−53 20	8.2
16 28.5 −54.1				
16 32.6 −54.1	22498	16 32.6	−53 56	8
16 34.0 −54.0				
16 34.7 −54.1				
16 35.8 −54.2	22564	16 35.4	−54 5	8.2
16 36.9 −54.3				
16 41.3 −54.4				
16 41.7 −54.4				
16 42.5 −54.5				
16 45.0 −54.3	22759	16 45.3	−54 7	8
16 46.0 −54.3	22780	16 45.9	−54 17	7.4
16 46.6 −54.3				
16 46.7 −54.4				
16 49.0 −54.4				
16 54.0 −54.2	22998	16 54.0	−54 0	8
16 55.5 −54.3				

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V. H Cl. Rem. Klinc Int.

20.0	22.0	H		N	1
20.4	5.4	G		K=H	3
20.4	7.0	a		N	1
20.3	7.4	G		K=H	2
20.5	7.6	a		N	1
20.5	7.9	a		N	1
19.9	8.2	H		N	1
20.5	8.3	H		N	1
20.4	8.9	a		N	2
21.0	9.4	F.	1595	K=H	1
21.0	12.5	H		N	1
20.4	12.8	a		N	2
20.5	13.9	F	1596	K=H	2
20.5	14.3	a		N	1
20.9	16.4	a		N	1
20.8	16.9	a		N	1
20.9	18.9	H		K=H	1
20.3	19.1	a		N	3
20.3	19.9	a		N	2
20.3	23.4	a		N	1
21.1	7.5	a		N	1
21.5	7.8	G		K=H	3
21.1	7.9	a		K=H	2
21.3	8.5	a		N	2
21.6	8.9	a		N	1
21.5	13.8	a		N	1
21.3	14.1	a		N	1
21.6	14.8	a		N	1

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1900			A.G.C. No.	1900 R.A.	1900 Dec.	Magn
h	m	°				
17	2.0	−54.4				
16	5.5	−54.4				
16	10.0	−54.5				
16	11.5	−54.3				
16	12.3	−54.4				
16	13.1	−54.4				
16	14.5	−54.1	23453	16	14.3	−54 11 7.2
16	14.5	−54.4				
16	16.5	−54.5	23507	16	16.6	−54 28 7.5
16	19.5	−54.8	22227	16	19.1	−54 45 8
16	29.0	−54.9	22429	16	28.9	−54 46 7.2
16	30.0	−54.8	22445	16	29.8	−54 39 8.5
16	34.0	−54.7	22526	16	33.7	−54 42 8
16	35.0	−54.8	22560	16	35.1	−54 35 9.5
16	42.9	−54.9				
16	45.0	−54.8				
16	51.3	−54.8	22933	16	51.2	−54 43 8.5
16	52.0	−54.5	22949	16	52.0	−54 26 6.5
16	55.0	−54.5	23010	16	54.6	−54 24 7.2
17	7.0	−54.4				
16	12.2	−54.9	22074	16	12.4	−54 54 6.6
16	13.0	−55.1				
16	13.5	−54.9				
16	15.9	−55.0	22169	16	16.3	−54 59 7.8
16	16.9	−55.0				
16	33.7	−55.2				
16	34.5	−55.2				
16	37.3	−55.3				

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Plate 1955

			Ir H Cl. Rem.	Klinkerfues Int.
21.8	15.9	a	K=H	1
21.2	17.3	a	K=H	2
21.2	22.8	H	N	1
22.6	5.8	a	K=H	3
22.4	8.3	a	N	2
22.1	8.8	a	N	1
22.8	9.5	a	N	1
22.2	10.4	a	N	1
23.0	11.0	a	N	2
22.9	14.1	a	N	2
22.4	14.8	a	N	2
22.1	15.9	a	N	1
22.2	16.4	a	N	1
22.8	16.3	a	N	1
22.3	16.8	a	N	1
22.8	18.2	Oph. 1597	K=H	1
23.0	18.5	K	K=H	4
23.5	13.6	a	N	1
23.9	18.8	a	N	1
23.5	16.0	a	N	1
23.8	17.1	a	N	1
23.2	17.5	H	N	1
23.4	20.9	a	N	1
24.2	19.2	a	N	3

23 H5

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1900 h m	0
16 40.6	−55.4
16 46.0	−55.1
17 5.5	−54.9
16 5.5	−56.3
16 14.0	−55.4
16 16.0	−55.3
16 18.5	−55.7
16 21.5	−55.4
16 24.0	−55.8
16 33.6	−55.8
16 36.5	−55.7
16 40.5	−55.5
16 42.0	−55.6
16 41.7	−55.9
16 44.0	−55.7
16 49.1	−55.8
16 50.0	−55.9
16 32.0	−56.2
16 53.0	−56.4
16 41.5	−56.3
16 45.5	−56.4
16 46.6	−56.0
16 59.0	−56.2
16 53.0	−56.4

A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
21918	16 5.4	−55 17	6.3
22119	16 13.9	−55 19	7.5
22164	16 16.0	−55 13	7.8
22207	16 18.2	−55 36	8
22694	16 42.2	−55 42	9.5
22681	16 41.5	−56 4	9
22736	16 44.2	−55 27	8.8
22916	16 50.4	−55 50	3.2
22497	16 32.5	−56 2	8.5
22970	16 52.8	−56 24	6.9
22677	16 41.3	−56 7	9
22756	16 45.4	−56 13	9
22799	16 46.8	−55 53	7.2
22970	16 52.8	−56 24	6.9

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R.A. 3h 24m Dec. −51.6

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2h 23m .05					
			V H Cl Rem.	Nr.	Klinef'nt.
	3.8	10.6	F	1595	K=H 1
	3.7	13.9	a		K=H 1
	4.2	19.9	F	1599	K=H 1
	5.4	9.7	F	1600	K=H 1
	5.7	13.1	H		K=H 1
	5.4	24.2	a		N 1
	6.6	6.5	J		K=H 2
	6.6	8.1	E		K=H 1
6.5	10.0?	6.1	10.0	F	1601 K=H 1
		6.8	10.2	F	1602 K=H 1
		6.7	15.9	a	K=0.2H3
		6.6	17.8	H	N 1
		6.9	20.9	J	K=H 3
		7.0	23.1	a	K=H 2
		6.2	23.8	J	K=H 2
		7.6	5.7	a	K=H 1
		7.9	10.1	H	N 1
		7.7	11.6	J	K=H 3
		7.7	13.0	G	K=H 2
		8.0	14.1	H	N 1
		7.8	15.0	H	N 1
		7.7	19.7	a	K=0.3H2
		8.0	21.2	F	1603 N 1
		8.3	7.1	H	K=H 1
		8.6	8.7	E	K=H 1
		8.6	13.7	H	N 1
		8.6	19.6	F	1604 K=H 2
		8.3	20.7	E	K=H 2

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1900					A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
3 h 11.8	− 46.1	CDM −46° 968	3 h 10 m 52.7 s	−46° 8.0	6.7	3550	3 h 11.8 m	− 46° 2′ 6.7
3 21.5	− 46.1	CDM −46° 1027	3 20 23.4	−46 6.1	7.0	3732 3733	3 21.2	− 46 1 8.5 7
3 38.9	− 46.2	CDM −46° 1143	3 38 ~~2.9~~ 23.3	−46 21.5	6.7	4119	3 39.0	− 46 16 6.7
3 9.1	− 46.9	CDM −46° 949	3 8 14.4	−46 57.5	8.1	3494	3 9.0	− 46 51 8
3 19.0	− 47.2	CDM −47° 1032	3 18 2.7	−47 12.5	7.3	3680	3 18.8	− 47 7 7.1
3 51.5	− 46.8	CDM −46° 1226	3 50 43.8	−46 47.0	7.3	4383	3 51.5	− 46 43 6.9
2 59.5	− 47.4	CDM −47° 932	2 58 40.4	−47 28.1	6.3	3312	2 59.6	− 47 22 6.3
3 4.4	− 47.5	CDM −47° 982	~~3 2 58 40.4~~ 3 3 22.7	~~−47 28.1~~ −47 30.9	~~6.3~~ 8.0			
3 9.6	− 47.6	CDM −47° 1000	3 8 46.0	−47 37.4	7.6	3503	3 9.6	− 47 31 7.5
3 10.5	− 47.7	CDM −47° 1004	3 9 24.8	−47 39.8	8.5	3516	3 10.2	− 47 34 8.5
3 27.4	− 47.8	CDM −47° 1071	3 26 36.4	−47 48.0	6.1	3864	3 27.4	− 47 43 6.1
3 33.0	− 47.6	CDM −47° 1097	3 32 16.2	−47 36.9	7.9	3995	3 33.1	− 47 32 8.8
3 42.3	− 47.7	CDM −47° 1147	3 41 23.3	−47 45.1	6.1	4187	3 42.2	− 47 40 6.1
3 48.5	− 47.7	CDM −47° 1178	3 47 51.6	−47 41.6	6.7	4325	3 48.7	− 47 37 6.9
3 50.4	− 47.2	CDM −47° 1187	3 49 41.1	−47 15.9	6.4	4363	3 50.5	− 47 12 6.4
2 56.5	− 47.9	CDM −47° 922	2 55 52.0	−47 55.0	7.8			
3 9.9	− 48.2	CDM −48° 873	3 9 2.3	−48 15.4	8.0	3508	3 9.8	− 48 9 8.2
3 14.3	− 48.2	CDM −48° 900	3 13 22.4	−48 12.7	6.2	3598	3 14.2	− 48 7 6.2
3 18.4	− 48.2	CDM −48° 930	3 17 31.0	−48 13.5	7.0	3669	3 18.3	− 48 8 7
3 21.9	− 48.4	CDM −48° 946	3 21 0.5	−48 22.5	8.6			
3 24.5	− 48.3	CDM −48° 969	3 23 37.6	−48 14.3	9.5			
3 38.5	− 48.1	CDM −48° 1051	3 37 52.5	−48 10.6	6.9	4115	3 38.7	− 48 6 6.9
3 43.2	− 48.3	CDM −48° 1074	3 42 27.9	−48 16.8	8.3	4210	3 43.3	− 48 12 8.5
3 1.0	− 48.3	CDM −48° 839	2 59 57.3	−48 20.8	7.6	3336	3 0.8	− 48 15 7.5
3 5.5	− 48.6	CDM −48° 856	3 4 30.6	−48 29.8	8.3			
3 20.5	− 48.6	CDM −48° 940	3 19 50.0	−48 ~~37.8~~ 37.7	8.4	3716	3 20.6	− 48 34 8
3 38.5	− 48.6	CDM −48° 1052	3 37 59.6	−48 38.1	7.2	4117	3 38.8	− 48 33 7.2
3 41.5	− 48.4	CDM −48° 1069	3 41 0.8	−48 27.0	6.8	4174	3 41.8	− 48 22 6.8

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v H Cl. Rem. Kline Int.

10.0	9.9	E	K=H	1
9.7	9.4	E	K=H	3
9.8	14.9	E	K=H	1
9.9	16.5	H	N	1
10.0	16.2	H	N	1
9.5	25.4	Fe	1605 K=H	1
10.4	9.1	Fe	1606 K=H	1
10.9	10.4	H	N	1
10.8	11.9	Ca	K=H	1
10.3	16.4	H	N	1
10.9	13.4	E	K=H	1
10.8	16.4	Ca	K=H	2
10.4	19.5	H	N	1
11.0	19.5	Ca	N	1
12.0	10.5	H	N	1
12.0	14.1	H	N	1
12.0	13.5	H	N	1
11.8	16.4	Fe	1607 K=H	1
11.9	15.9	Fe	1606 K=H	2
12.3	9.5	H	N	1
12.5	16.6	K	K=H	3
12.20	21.3	H	N	1
13.9	9.6	Fe	1609 K=H	2
13.2	11.0	Fe	1610 K=H	2
13.8	12.5	Fe	1611 K=H	1
14.0	14.2	Ca	K=a1H	3
13.5	14.6	Mg?	N	1
13.6	19.5	Fe	1612 K=H	1

H = 22.7 ?

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h 1900 m	°							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
3	2.8	−49.3	CDM −49° 859	3	2	1.0	−49 16.5	8.4			
3	7.4	−49.2	CDM −49° 884	3	6	23.8	−49 12.4	6.4	3454	3 7.2	−49 6 6.4
3	24.3	−49.3	CDM −49° 961	3	23	17.0	−49 17.8	7.4	3791	3 24.1	−49 13 7.5
3	30.1	−49.4	CDM −49° 998	3	29	19.0	−49 20.1	8.1	3924	3 30.1	−49 15 7.8
3	34.6	−49.4	CDM −49° 1026	3	33	58.6	−49 25.0	7.3	4028	3 34.8	−49 20 7.2
3	48.3	−48.9	CDM −48° 1101	3	47	15.3	−48 54.3	7.6			
3	6.0	−49.4	CDM −49° 875	3	5	18.9	−49 26.3	8.1	3433	3 6.1	−49 24 7.5
3	10.4	−49.8	CDM −49 895	3	9	13.8	−49 47.8	7.7	3511	3 10.0	−49 42 7.5
3	14.7	−49.8	CDM −49° 912	3	13	51.8	−49 44.7	8.5	3604	3 14.7	−49 39 8
3	29.0	−49.6	CDM −49° 991	3	28	16.0	−49 35.0	7.5	3898	3 29.1	−49 30 8
3	32.5	−49.8	CDM −49° 1011	3	31	28.2	−49 50.1	7.7	3971	3 32.3	−49 45 7.5
3	35.2	−49.7	CDM −49° 1004	3	34	31.2	−49 46.6	7.6	4038	3 35.2	−49 42 7.5
3	39.0	−49.6	CDM −49° 1058	3	38	28.8	−49 33.1	7.5	4125	3 39.1	−49 45 7.5
3	39.4	−49.8	CDM −49° 1057	3	38	25.3	−49 49.5	8.4			
3	10.8	−50.4	CDM −50° 961	3	9	59.3	−50 22.5	8.4			
3	22.0	−50.5	CDM −50° 1026	3	20	53.0	−50 26.9	8.3			
3	20.5	−50.4	CDM −50° 1015	3	19	24.3	−50 26.7	8.5			
3	29.1	−50.3	CDM −50° 1066	3	28	13.2	−50 18.6	8.1			
3	34.4	−50.4	CDM −50° 1090	3	33	9.7	−50 22.2	7.7	4017	3 33.9	−50 17 8
3	8.0	−50.5	CDM −50° 940	3	7	2.0	−50 30.4	8.1			
3	29.5	−50.8	CDM −50° 1071	3	28	51.3	−50 48.2	5.9	3912	3 29.6	−50 43 5.9
3	44.7	−50.5	CDM −50° 1149	3	43	50.6	−50 27.1	7.8	4238	3 44.5	−50 22 7.5
3	6.9	−51.4	CDM −51° 734	3	6	10.0	−51 18.3	7.7	3452	3 7.0	−51 12 7.5
3	12.4	−51.1	CDM −51° 749	3	11	0.2	−51 1.3	7.5	3552	3 11.8	−50 55 7.3
3	16.2	−51.4	CDM −51° 768	3	15	31.2	−51 19.9	8.3	3636	3 16.3	−51 14 8
3	21.7	−51.5	CDM −51° 790	3	20	53.8	−51 30.0	6.6	3740	3 21.6	−51 25 6.6
3	22.9	−51.3	CDM −51° 801	3	22	14.2	−51 14.5	8.2	3770	3 22.9	−51 9 8.5
3	39.4	−51.2	CDM −51° 885	3	38	48.5	−51 11.6	7.3	4131	3 39.5	−51 7 7.3

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U. H. Cl. Rev. No. Klinelint.

13.4	19.9	Fl.	1613	K=H	2
13.6	21.2	F		K=H	2
15.0	7.9	Fl	1614	K=H	1
14.4	10.6	H		N	1
14.9	12.3	a		K=H	1
14.7	13.9	Fl	1615	K=H	1
14.6	19.9	Fl	1616	K=H	1
14.6	20.5	Fl	1617	K=H	1
15.2	9.9	Fl	1618	K=H	1
15.2	8.8	H		N	1
16.0	12.9	E		K=H	1
15.8	13.7	a		K=H	1
15.6	15.0	E		K=H	1
15.4	18.8	Fl	1619	K=H	1
15.9	23.9	Fl	1620	K=H	1
16.9	14.5	H		N	1
16.9	16.4	E		K=H	1
17.0	17.5	Fl	1621	K=H	2
16.5	19.8	H		N	1
16.2	20.4	H		N	1
16.8	23.9	a		N	2
17.5	8.9	a		K=H	1
18.0	8.3	H		N	1
17.4	10.9	Fl	1622	K=H	1
17.9	11.9	H		N	1
17.9	13.3	H		N	1
17.5	14.7	H		K=H	2
17.8	18.9	E		K=H	2

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1900							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m								h m	° ′	
3 40.5	−50.9	CDM −51°887	3 39 28.0	−51 3.2	7.3		4141	3 40.2	−50 58	7.0
3 44.5	−51.1	CDM −51°914	3 43 47.7	−51 8.2	6.9		4236	3 44.5	−51 3	6.9
3 1.0	−51.8	CDM −51°704	3 0 38.4	−51 48.4	7.6		3335	3 0.7	−51 48	7.8
3 10.0	−51.6	CDM −51°743	3 9 21.5	−51 34.1	8.3					
3 15.5	−51.8	CDM −51°764	3 14 50.0	−51 45.0	7.7		3621	3 15.5	−51 39	7.8
3 20.1	−51.8	CDM −51°779	3 19 10.3	−51 45.2	7.7		3705	3 19.9	−51 41	7.5
3 40.1	−51.7	CDM −51°886	3 39 11.8	−51 41.0	8.4					
3 42.7	−51.7	CDM −51°900	3 41 42.5	−51 38.8	7.7					
3 0.4	−51.9	CDM −51°699	2 59 55.4	−51 54.1	7.8		3335	3 0.7	−51 48	7.8
3 4.0	−51.9	CDM −51°720	3 3 28.3	−51 56.2	8.3		3394	3 4.3	−51 50	8
3 17.1	−52.5	CPD −52°388	3 16 32.7	−52 28.7	8.3		3650	3 17.3	−52 23	8
3 20.4	−52.4	CPD −52°394	3 19 24.4	−52 20.2	8.3					
3 24.9	−52.3	CPD −52°404	3 23 47.4	−52 13.8	8.6					
3 37.2	−52.0	CPD −52°432	3 36 24.4	−52 5.5	8.1					
3 53.3	−52.0	CPD −52°465	3 52 18.2	−52 9.8	7.9		4411	3 53.0	−52 6	7.8
3 22.5	−52.8	CPD −52°399	3 21 50.4	−52 49.3	8.1		3759	3 22.5	−52 44	8.5
3 29.5	−53.0	CPD −52°415	3 28 30.4	−52 53.7	7.6		3902	3 29.2	−52 49	7.3
3 33.0	−53.1	CPD −52°421	3 32 10.4	−52 58.2	7.1		3991	3 32.9	−52 53	7.5
3 40.5	−52.6	CPD −52°441	3 39 47.1	−52 37.6	8.0					
3 42.4	−52.4	CPD −52°456	3 41 31.1	−52 28.2	8.2					
3 53.5	−52.6	CPD −52°466	3 52 29.2	−52 36.6	7.7		4414	3 53.2	−52 33	7.5
3 3.0	−53.1	CPD −53°522	3 2 37.0	−53 4.0	8.4					
3 1.5	−53.4	CPD −53°514	3 1 1.0	−53 19.0	8.4		3361	3 1.7	−53 13	7.2
3 11.0	−53.2	CPD −53°540	3 10 1.7	−53 8.1	8.4		3529	3 10.7	−53 2	8.8
3 14.4	−53.4	CPD −53°547	3 13 10.2	−53 23.0	8.9					
3 18.5	−53.3	CPD −53°555	3 17 48.7	−53 18.4	8.4					
3 34.0	−53.2	CPD −53°587	3 33 2.5	−53 11.4	7.8		4012	3 33.8	−53 6	7.5
3 37.0	−53.2	CPD −53°594	3 36 22.0	−53 18.9	7.4		4078	3 37.1	−53 14	7

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V	H	Cl.	Rem.	Klein Int.
17.4	19.0	E	K=H	1
17.6	23.3	a	N	3
18.4	19.3	F	1623 K=H	1
18.1	15.9	H	N	1
18.5	21.4	H	N	1
18.7	21.6	F	1624 K=H	1
19.9	6.7	H	N	1
20.0	13.5	H	N	1
19.5	19.2	H	N	1
19.5	19.0	F	1625 K=H	1
21.3	6.9	H	K=H	2
20.9	17.0	H	N	1
20.6	17.2	F	1626 K=H	3
21.0	20.0	F	1627 K=H	1
20.5	20.1	F	K=H	2
20.7	21.2	F	1628 K=H	2
20.5	22.6	F	1629 K=H	1
22.0	10.5	a	N	1
21.5	13.7	H	N	1
21.8	14.9	H	N	1
21.9	22.6	a	N	2
22.6	6.6	a	K=H	2
22.4	16.2	Ma	N	1
22.1	21.2	H	N	1
23.6	7.2	H	N	1
23.1	10.2	H	N	1
23.7	12.7	a	N	2
23.1	18.7	a	N	1

V=20.3 ?

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1900							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m								h m		
3 38.0	−53.1	CPD −53° 597	3 37	10.5	−53	6.9 8.0	4099	3 37.9	−53 1	7.8
3 52.0	−52.9	CPD −53° 688	3 51	17.5	−53	3.4 6.5	4395	3 52.0	−52 59	6.6
3 33.0	−53.5	CPD −53° 575	3 32	19.5	−53	37.2 7.8	3996	3 33.0	−53 32	8.2
3 34.4	−53.4	CPD −53° 588	3 33	40.5	−53	29.2 8.1	4024	3 34.4	−53 24	7.8
3 46.1	−53.5	CPD −53° 611	3 45	31.0	−53	33.9 8.1	4274	3 46.2	−53 29	8.2
3 47.0	−53.6	CPD −53° 614	3 46	9.0	−53	37.3 7.6	4290	3 46.7	−53 32	7.8
2 55.5	−54.2	CPD −54° 494	2 55	13.3	−54	11.4 7.6	3257	3 55.9	−54 5	7.8
3 19.1	−54.5	CPD −54° 545	3 18	13.8	−54	28.1 8.7	3682	3 18.9	−54 23	8.8
3 32.5	−54.2	CPD −54° 568	3 31	26.9	−54	9.4 8.4				
3 38.4	−54.2	CPD −54° 576	3 37	22.0	−54	8.4 7.6	4103	3 38.1	−54 3	7.5
2 56.5	−54.4	CPD −54° 497	2 55	52.7	−54	24.4 7.1	3267	2 56.6	−54 18	6.9
3 31.5	−54.9	CPD −54° 567	3 30	54.4	−54	55.8 7.8	3963	3 31.5	−54 51	7.4
3 32.2	−54.7	CPD −54° 569	3 31	26.9	−54	44.4 6.6	3970	3 32.1	−54 39	7
3 41.5	−54.8	CPD −54° 588	3 41	6.5	−54	52.5 7.6	4176	3 41.7	−54 47	7.2
3 42.0	−54.6	CPD −54° 589	3 41	22.5	−54	40.0 7.1	4185 4186	3 42.0	−54 35	6.6 9.2
3 45.5	−54.6	CPD −54° 599	3 45	16.0	−54	40.6 6.9	4267	3 45.9	−54 36	7.0
3 50.5	−54.5	CPD −54° 603	3 49	54.0	−54	28.4 8.1				
3 9.0	−55.4	CPD −55° 500	3 7	40.2	−55	21.5 8.1				
3 20.0	−55.2	CPD −55° 519	3 18	58.5	−55	8.1 8.7	3702	3 19.7	−55 3	8.5
3 24.1	−55.4	CPD −55° ~~585~~ 577	3 ~~23 20.5~~ 50 20.5		−55	~~19.7 8.7~~ 13.2 7.2	3787	3 23.7	−55 15	8.5
3 51.0	−55.3	CPD −55° ~~476~~ 577	2 ~~53 59.9~~ 3 50 20.5		−55	~~31.0 7.2~~ 13.2 7.2	4375	3 51.0	−55 9	7.8
2 54.3	−55.5	CPD −55° 476	2 53	59.9	−55	31.0 7.2	3234	2 54.7	−55 25	6.7
3 28.7	−55.6	CPD −55° 537	3 28	4.0	−55	40.5 7.7	3893	3 28.7	−55 35	7.2
3 46.0	−55.4	CPD −55° 569	3 45	47.5	−55	22.8 7.8	4280	3 46.4	−55 18	7.3
2 56.5	−55.9	CPD −55° 480	2 55	36.3	−56	3.8 7.6	3263	2 56.3	−55 58	7.0
3 7.5	−55.9	CPD −55° 495	3 6	21.8	−55	57.8 8.4	3453	3 7.1	−55 52	8.2
3 15.1	−56.3	CPD −56° 520	3 15	8.5	−56	16.6 7.7				
3 37.5	−56.0	CPD −56° 558	3 36	58.0	−55	57.0 7.8	4092	3 37.6	−55 52	7.2

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h H Cl Rem. Kehm Int:

24.3 11.4 Ft 1630 K=H 1
24.3 18.2 It N 1
ask Mr. F. 24.4 16.5 It N 1

R.A. 17h 24m 10sec. — 51.7

Plate 3695

4.8 6.7 a K=H 2
ask Mr. F. 4.8 7.1 Ft 1631 K=H 1
4.0 9.5 a K=H 1
4.8 10.5 a K=H 1
4.4 10.6 a K=H 3
3.6 12.6 a N 2
4.3[6] 14.2 a N 1
4.4 15.7 a N 2
4.1 16.2 a K=0.2H 4
4.3 17.8 a N 1
5.0 18.1 a K=0.1H 3
3.9 18.6 a N 2
4.5 18.9 a N 1
5.0 19.3 a N 1
3.4 19.4 a N 2
3.9 21.0 a N 1
4.1 21.5 a N 1
5.0 23.3 Ft 1632 K=H 1
5.8 5.4 a N 3
5.4 5.9 a N 1
5.8 7.4 a N 1
5.4 7.5 Ft 1633 K=H 1

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A.G.C 1900 1900

1900							No.	R.A.	Dec.	Magn.
h m °										
3 11.9	−56.7	CPD −56°506	3 10	23.8	−56	31.8	8.0	3533	3 11.1 − 56 26	8.2
3 36.1	−56.5	CPD −56°559	3 35	30.7	−56	33.0	7.8	4059	3 36.1 − 56 28	7.8
		CPD −56°563	3 36	40.2	−56	38.3	7.4	4084	3 37. − 56 33	7.0

h m °										
17 0.3	−46.6	CPM −46°11223	16	58.4	−46	30.2	7.1	23141	17 0.2 − 46 33	7.2
		CPM −46°11258	17	1.1	−46	34.5	7.3	23197	17 2.9 − 46 36	7
17 8.4	−46.3	CPM −46°11325	17	6.7	−46	11.4	8.0	23328	17 8.5 − 46 13	7.2
17 10.9	−46.8	CPM −46°11367	17	9.4	−46	39.5	7.8	23391	17 11.3 − 46 42	7.5
17 11.5	−46.5	CPM −46°11370	17	9.6	−46	30.1	6.0	23397	17 11.5 − 46 32	6
17 17.1	−46.2	CPM −46°11478	17	15.6	−46	4.9	7.4	23533	17 17.4 − 46 7	7.2
17 22.0	−46.7	CPM −46°11557	17	20.1	−46	35.3	7.8	23643	17 22.0 − 46 36	7
17 26.6	−46.6	CPM −46°11632	17	24.8	−46	30.5	8.4	23763	17 26.7 − 46 31	7.2
17 28.3	−46.5	CPM −46°11661	17	26.4	−46	24.9	5.5	23805	17 28.3 − 46 26	5.5
17 33.0	−46.6	CPM −46°11729	17	31.0	−46	27.1	8.9			
17 33.9	−46.9	CPM −46°11747	17	31.9	−46	50.9	6.3	23912	17 33.8 − 46 52	6.3
17 35.0	−46.4	CPM −46°11~~7~~2	17	33.0	−46	~~16~~3.9	~~9.3~~ 7.7	23950	17 35.0 − 46 15	7.5
17 36.3	−46.7	CPM −46°11789	17	34.1	−46	31.2	8.0	23972	17 36.0 − 46 30	8.5
17 37.4	−47.0	CPM −46°11805	17	35.2	−46	45.9	8.5	24002	17 37.1 − 46 47	8.2
17 37.6	−46.2	CPM −45°11850	17	35.5	−45	58.9	7.0	24010	17 37.4 − 46 0	7.5
17 42.5	−46.3	CPM −46°11867	17	40.0	−46	10.2	8.5	24136	17 41.9 − 46 11	8
17 44.0	−46.4	CPM −46°11889	17	41.5	−46	19.0	7.7	24186	17 43.4 − 46 20	7.8
17 49.5	−46.9	CPM −46°11959	17	46.9	−46	40.6	7.7	24304	17 48.8 − 46 41	8
16 56.2	−47.1	CPM −46°11191	16	54.4	−46	58.6	6.6	23050	16 56.3 − 47 1	6.6
16 57.4	−46.9	CPM −46°11200	16	55.8	−46	47.5	7.4	23078	16 57.7 − 46 49	7.4
17 1.5	−47.2	CPM −47°11276	17	0.2	−47	5.7	8.0			
17 2.2	−47.0	CPM −46°11250	17	0.6	−46	52.1	7.4	23182	17 2.5 − 46 54	7.4

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b H Ol Rem Kline Int.

5.9	8.8	a		N 2
5.5	9.7	a		N 1
5.9	12.1	B	1634	N 4
5.4	13.4	a		N 2
5.1	13.7	B	1635	N 3
5.8	13.7	a		N 2
5.6	18.9	a		N 1
5.1	19.7	a		N 2
5.8	20.5	a		K=0.2H 2
5.9	21.2	a		N 1
6.7	10.5	a		N 2
7.0	11.1	F	1636	K=H 1
6.9	15.9	a		N 1
6.2	18.3	F	1637	K=H 1
6.5	19.0	a		N 1
6.6	19.3	a		N 3
6.7	20.7	a		N 1
6.8	24.6	a		N 3
7.2	11.9	a		N 1
8.0	15.7	J		K=H 3
7.8	19.0	H		N 1
7.5	19.3	a		N 2
7.7	19.8	a		N 1
7.8	21.1	Ma$_2$		N 1
7.5	22.9	a		N 1
7.1	24.4	a		N 2
9.0	9.2	H		N 1
8.8	8.3	Ma.		N 2

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1900							N.G.C. No.	1900 R.A.	1900 Decl.	Magn.	
h m 17 6.0	−47.3	CDM −47° 11340	17 4.2	−47 10.0	7.6	23269	17 6.1	−47 12	7.6		
17 8.9	−47.1	CDM −46° 11332	17 7.0	−46 58.7	8.5	23335	17 8.9	−47 1	8.2		
17 15.5	−47.4	CDM −47° 11484	17 13.9	−47 20.4	5.8	23486	17 15.8	−47 23	5.8	Ara b	
17 19.3	−47.1	CDM −47° 11549	17 17.7	−47 1.3	7.5	23593	17 19.6	−47 3	6.9		
17 20.5	−46.9	CDM −46° 11530	17 18.6	−46 54.6	7.4	23611	17 20.5	−46 57	7.4		
17 20.4	−47.4	CDM −47° 11569	17 18.6	−47 14.9	8.1	23612	17 20.5	−47 17	.8		
17 36.4	−47.2	CDM −47° 11748	17 34.2	−47 6.6	8.8						
17 38.5	−47.0	CDM −46° 11808	17 36.4	−47 51.6	8.1	24042	17 38.2	−46 53	8		
17 41.0	−47.3	CDM −47° 11806	17 38.9	−47 12.3	7.5	24108	17 40.8	−47 13	7.5		
17 43.4	−47.4	CDM −47° 11839	17 40.9	−47 11.6	7.6	24163	17 42.8	−47 12	7.8		
17 10.5	−47.9	CDM −47° 11407	17 9.0	−47 40.7	8.2	23380	17 10.9	−47 43	8		
17 12.5	−47.9	CDM −47° 11437	17 11.0	−47 47.9	8.4						
17 27.5	−47.9	CDM −47° 11643	17 25.4	−47 46.9	8.2	23790	17 27.3	−47 48	7.8		
17 34.0	−47.5	CDM −47° 11720	17 32.4	−47 26.6	7.7	23930	17 34.3	−47 28	7.5		
17 36.3	−47.7	CDM −47° 11753	17 34.5	−47 33.8	8.9	23985	17 36.4	−47 35	8.2		
17 37.1	−47.8	CDM −47° 11769	17 35.4	−47 39.3	7.5	24004	17 37.3	−47 40	7.5		
17 41.9	−47.8	CDM −47° 11823	17 39.6	−47 39.3	8.7						
17 53.6	−47.7	CDM −47° 11976	17 50.8	−47 32.6	7.5	24401	17 52.7	−47 32	7.5		
17 14.0	−48.1	CDM −47° 11463	17 12.6	−47 55.3	8.2						
17 26.7	−48.5	CDM −48° 11821	17 24.8	−48 26.1	6.3	23761	17 26.6	−48 24	7.2		
17 36.5	−48.4	CDM −48° 11974	17 34.6	−48 15.0	8.0						
17 37.4	−48.2	CDM −48° 11980	17 35.4	−48 5.4	8.3						
17 39.2	−48.3	CDM −48° 12015	17 37.2	−48 8.6	8.3						
17 43.1	−48.3	CDM −48° 12072	17 41.0	−48 14.6	7.3	24167	17 42.9	−48 15	7.5		
17 48.5	−48.1	CDM −48° 11904	17 46.0	−47 56.7	8.8						
17 53.2	−47.9	CDM −47° 11970	17 50.2	−47 44.7	7.7	24399	17 52.7	−47 44	8.5		
17 0.4	−48.9	CDM −48° 11450	17 58.7	−48 42.7	7.5	23145	17 0.6	−48 45	7		
17 4.0	−48.8	CDM −48° 11492	17 2.1	−48 42.8	6.6	23215	17 4.0	−48 45	6.6		

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H	H	Cl.	Rem.	Klein.	Int.
8.6	9.4	a		K=H	1
8.5	10.7	a		N	2
8.1	11.0	G		K=H	2
8.4	12.3	H		N	1
8.2	13.2	F	1638	K=H	2
8.5	15.0	a		K=H	2
8.3	15.9	a		K=H	1
8.5	16.5	a		K=H	1
8.4	18.3	a		K=H	1
9.0	19.5	H		N	1
9.3	8.6	a		N	1
9.6	9.3	a		K=H	1
10.0	10.5	B	1639	N	2
9.7	10.7	H		N	1
9.9	11.0	F	1640	K=H	1
9.8	12.5	a		K=H	2
9.5	13.0	H		N	1
9.7	13.4	F	1641	K=H	1
9.7	15.8	a		N	1
9.3	16.0	a		K=H	2
9.6	16.7	a		N	3
9.7	17.7	F	1642	K=H	4
9.6	8.3	a		N	1
10.0	20.0	a		N	1
9.3	22.9	H		K=H	2
10.2	9.9	a		K=H	2
11.0	11.0	F	1643	K=H	3
10.5	11.7	a		K=H	1

H = 18.3 ?

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A.G.C. 1900 1900
No. R.A. Dec. Magn.

1950														
17h 7.4	−48.7	CDM −48° 11526	17	5.3	−48	33.4	8.0							
17 11.0	−48.7	CDM −48° 11588	17	9.6	−48	33.5	7.9							
17 12.2	−48.5	CDM −48° 11605	17	10.4	−48	24.4	7.3	23418	17	12.3	−48	26	7.3	
17 16.2	−48.7	CDM −48° 11653	17	14.3	−48	35.1	7.6							
17 18.7	−48.6	CDM −48° 11697	17	16.9	−48	29.8	7.5	23570	17	18.8	−48	32	7.7	
17 24.3	−48.8	CDM −48° 11785	17	22.2	−48	39.1	8.0	23695	17	24.1	−48	40	7.5	
17 27.5	−48.7	CDM −48° 11834	17	25.4	−48	32.5	8.8							
17 29.0	−48.7	CDM −48° 11866	17	27.1	−48	36.6	9.0							
17 34.4	−48.7	CDM −48° 11949	17	32.7	−48	34.4	7.7	23939 23940	17	34.6	−48	35	7.8 9.5	
17 38.0	−49.0	CDM −48° 12000	17	36.4	−48	52.5	7.3	24043	17	38.3	−48	54	7	
17 4.7	−49.1	CDM −48° 11503	17	3.1	−48	56.4	8.3	23243	17	5.0	−48	57	8.5	
17 7.0	−49.2	CDM −49° 11262	17	5.0	−49	4.0	8.2							
17 10.0	−49.4	CDM −49° 11306	17	8.4	−49	18.7	7.7	23364	17	10.3	−49	21	8	
17 11.0	−49.3	CDM −49° 11317	17	9.3	−49	12.0	7.7	23387	17	11.2	−49	14	8	
17 11.9	−49.4	CDM −49° 11327	17	9.9	−49	18.2	8.7	23418	17	11.8	−49	24	8	
17 16.3	−49.4	CDM −49° 11390	17	14.5	−49	15.9	8.6							
17 18.1	−49.3	CDM −49° 11429	17	16.3	−49	8.2	8.5	~~23540~~	~~17~~	~~17.7~~	~~−49~~	~~22~~	~~8~~	
17 19.1	−49.4	CDM −49° 11444	17	17.3	−49	13.5	8.6							
17 27.1	−49.4	CDM −49° 11549	17	25.1	−49	13.1	8.6							
17 27.7	−49.2	CDM −49° 11557	17	25.6	−49	3.0	8.3	23793	17	27.5	−49	4	7.5	
17 29.5	−49.2	CDM −49° 11575	17	27.7	−49	9.4	7.7	23833	17	27.6	−49	11	7.8	
17 32.5	−49.4	CDM −49° 11616	17	30.7	−49	20.1	5.6	23888	17	32.6	−49	21	5.6	
17 34.2	−49.3	CDM −49° ~~11713~~ 11636	17	~~38.0~~ 32.7	−49	~~21.4~~ 12.1	~~8.3~~ 8.0	23938	17	34.6	−49	13	8	
17 40.1	−49.5	CDM −49° 11713	17	38.0	−49	21.4	8.3							
17 49.0	−49.0	CDM −48° 12154	17	46.4	−48	54.7	7.3	24297	17	48.3	−48	55	7.2	
17 8.5	−49.6	CDM −49° 12286	17	6.8	−49	24.7	7.3	23331	17	8.7	−49	27	7	
17 11.5	−49.9	CDM −49° 11324	17	9.9	−49	55.7	6.4	23405	17	11.8	−49	58	7.0	
17 14.0	−49.8	CDM −49° 11354	17	12.3	−49	38.2	8.0	23462						

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D H Cl. Rem. Klumpke.

10.5	11.9	a	N	2
10.7	12.0	H	N	1
10.4	13.1	B	1644 N	3
10.7	13.3	a	N	2
10.5	14.3	Bp	K=H	1
10.5	15.0	B	1645 N	5
11.0	16.6	K	K=H	3
10.9	17.8	K	K=H	2
11.0	18.4	F	1646 K=H	1
11.0	19.0	H	N	1
10.2	19.1	a	K=H	1
10.4	19.6	a	N	2
10.2	21.0	a	K=H	2
11.6	x5.7	a	N	2
11.5	x6.3	a	N	1
11.3	8.4	a	N	2
11.4	10.7	a	K=0.2H3	
11.8	12.8	F	1647 K=H	1
12.0	13.1	K	K=H	4
11.2	13.2	a	N	1
11.7	14.2	H	N	1
11.6	14.7	H	N	1
11.9	18.2	ha	N	2
11.9	18.9	H	N	1
11.3	24.1	F	1648 K=H	1
12.1	5.9	a	K=H	1
12.7	11.4	H	N	1
12.6	12.6	H	N	1

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1900					A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
17h 14.5m	−49.8°	CDM −49° 11368	17 12.8	−49 38.0	7.7	23462	17 14.7	−49 40	8
17 15.0	−49.9	CDM −49° 11374	17 13.1	−49 44.7	8.1				
17 18.1	−49.7	CDM −49° 11431	17 16.3	−49 37.0	7.3	23553	17 18.2	−49 39	7.2
17 19.0	−49.9	CDM −49° 11438	17 16.9	−49 46.6	7.9				
17 21.7	−49.8	CDM −49° 11479	17 20.0	−49 41.0	7.8				
17 24.4	−49.8	CDM −49° 11511	17 22.2	−49 46.3	2.9	23694	17 24.1	−49 47	2.9
17 29.6	−49.9	CDM −49° 11577	17 27.8	−49 58.3	6.8	23835	17 29.7	−49 59	6.6
17 32.9	−49.9	CDM −49° 11619	17 31.1	−49 53.0	7.4	23894	17 33.0	−49 54	8
17 35.0	−50.0	CDM −49° 11642	17 33.1	−49 55.8	7.8	23951	17 35.0	−49 57	8
17 36.9	−50.0	CDM −49° 11670	17 34.8	−49 53.4	7.8				
17 37.0	−49.6	CDM −49° 11676	17 35.0	−49 28.8	8.6				
17 38.9	−49.7	CDM −49° 11696	17 36.8	−49 33.4	8.1				
17 43.0	−49.5	CDM −49° 11740	17 40.9	−49 27.2	7.3	24165	17 42.8	−49 28	7.5
16 55.0	−50.0	CDM −49° 11131	16 53.3	−49 58.1	7.3	23024	16 55.2	−50 0	7.5
16 57.0	−50.0	CDM −49° 11155	16 55.2	−49 53.2	7.9				
17 3.9	−50.2	CDM −49° 11216	17 1.8	−49 57.4	7.5	23209	17 3.7	−49 59	7.5
17 10.5	−50.2	CDM −50° 11158	17 8.7	−50 4.1	7.1	23372	17 10.6	−50 6	7.5
17 17.3	−50.4	CDM −50° 11258	17 15.4	−50 19.2	7.6	23525	17 17.3	−50 22	7.2
17 18.5	−50.6	CDM −50° 11269	17 16.3	−50 30.9	5.8	23549	17 18.2	−50 33	5.8
17 18.7	−50.2	CDM −50° 11275	17 16.7	−50 0.7	9.1				
17 22.0	−50.4	CDM −50° 11311	17 19.8	−50 17.4	8.0	23635	17 21.7	−50 19	7.2
17 23.5	−50.4	CDM −50° 11334	17 21.3	−50 16.6	8.2	23672	17 23.2	−50 17	8
17 34.5	−50.5	CDM −50° 11474	17 32.3	−50 26.5	6.9	23922	17 34.2	−50 27	6.9
17 37.0	−50.5	CDM −50° 11505	17 34.6	−50 16.8	9.2				
17 53.4	−50.1	CDM −49° 11852	17 60.6	−49 54.2	7.8	24393	17 52.5	−49 54	7.5
16 55.5	−50.3	CDM −50° 10971	16 53.7	−50 13.1	7.8	23031	17 55.6	−50 15	7.5
17 13.0	−50.8	CDM −50° 11190	17 11.0	−50 44.2	8.3				
17 16.5	−50.8	CDM −50° 11248	17 14.7	−50 43.0	8.5				

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H Cl. Remi. Klinkerfues

12.6	12.7	H		N 1
12.9	15.2	H		N 1
12.8	15.4	a		N 1
12.4	15.5	a		N 2
12.3	18.2	a		N 1
12.6	19.2	F	1649	K=H 2
12.9	21.5	a		N 1
13.5	5.5	a		K=H 3
13.7	6.0	a		N 1
13.4	6.2	a		N 2
13.8	9.8	H		N 1
13.2	9.9	a		N 2
13.2	11.6	F	1650	K=H 1
13.8	12.4	a		N 2
13.1	18.1	H		N 1
13.4	19.2	a		K=3H 2
14.9	8.0	a		N 2
14.8	8.2	a		N 1
15.0	8.6	a		N 1
14.9	11.8	a		N 2
14.6	11.9	a		N 2
14.4	13.3	a		N 2
14.7	13.4	a		N 3
14.3	13.5	F	1651	K=H 1
14.8	14.5	a		N 2
14.6	18.7	G		K=1.5H 3
14.6	21.2	F	1652	K=H 2
14.8	21.6	F	1653	K=H 1

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1900 h m °					A.G.C. No	1900 R.a.	1900 Dec.	Magn
17 17.0	−50.8	CDM −50° 11254	17 15.0	−50 43.1	8.4			
17 24.5	−50.9	CDM −50° 11358	17 23.2	−50 54.3	8.0	23721	17 25.2 − 50 55	8
17 25.0	−50.9	CDM −50° 11366	17 23.9	−50 48.3	9.0	~~23721~~	~~17 25.2 − 50 55~~	~~8~~
17 26.0	−50.8	CDM −50° 11370	17 24.0	−50 38.1	8.0			
17 34.9	−50.7	CDM −50° 11480	17 32.8	−50 34.9	8.5			
17 38.0	−50.8	CDM −50° 11514	17 35.9	−50 43.1	8.0	24026	17 37.9 − 50 44	7.8
17 45.9	−50.8	CDM −50° 11606	17 43.2	−50 47.3	8.6			
16 54.0	−50.9	CDM −50° 10955	16 52.1	−50 56.3	7.0	23000	16 54.0 − 50 58	7.0
16 55.6	−51.0	CDM −50° 10659	16 53.7	−50 1.2	8.3	23032	16 55.6 − 51 3	8.2
16 56.4	−50.9	CDM −50° 10977	16 54.3	−50 54.1	8.8 8.6	23045 23046 23047	16 56.2 − 50 56	8.5 7.5 8.2
17 7.0	−51.4	CDM −51° 10774	17 5.6	−51 17.5	8.2			
~~17 7.0~~	~~−51.4~~	~~CDM −50° 11118~~	~~17 6.0~~	~~−50 56.2~~	~~7.5~~			
17 7.5	−51.1	CDM −50° 11118	17 6.0	−50 56.2	7.5	23314	17 7.9 − 50 58	7.5
17 13.5	−51.1	CDM −50° 11203	17 11.6	−50 59.4	8.1			
17 17.0	−51.4	CDM −51° 10866	17 14.8	−51 18.0	8.3			
17 25.1	−51.1	CDM −51° 10949	17 23.0	−51 0.4	8.4			
17 31.5	−51.2	CDM −51° 11035	17 29.4	−51 7.3	8.7			
17 1.7	−51.8	CDM −51° 10716	17 59.7	−51 43.2	7.8			
17 2.5	−51.8	CDM −51° 10720	17 0.4	−51 42.4	8.5			
17 3.6	−51.8	CDM −51° 10728	17 1.3	−51 46.3	8.5			
17 13.5	−52.0	CDM −51° 10829	17 11.8	−51 50.6	8.0	~~23441~~	~~17 13.8 − 51 53~~	~~8~~
17 13.9	−51.8	CDM −51° 10832	17 12.1	−51 43.1	8.3	23447	17 14.1 − 51 4.5	8.4
17 18.5	−51.8	CDM −51° 10876	17 16.7	−51 38.6	8.8	23566	17 18.7 − 51 41	8.5
17 19.0	−51.9	CDM −51° 10881	17 17.0	−51 50.2	6.9	23574	17 19.0 − 51 52	6.9
17 19.4	−51.7	CDM −51° 10884	17 17.3	−51 33.3	8.0			
17 22.5	−52.0	CDM −51° 10925	17 20.4	−51 52.3	8.6	23648	17 22.4 − 51 53	8.2
17 36.3	−51.9	CDM −51° 11094	17 34.2	−51 45.9	5.7	23974	17 36.2 − 51 47	5.7
17 44.7	−51.7	CDM −51° 11202	17 42.4	−51 40.6	7.8	24205	17 44.4 − 51 42	7.5
17 45.9	−51.8	CDM −51° 11222	17 43.6	−51 42.8	9.3			

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		& H Cl. Rem		K line Smk.
15.6	8.9	a	N	2
15.6	10.1	H	N	1
15.9	10.6	a	N	1
15.4	13.8	K	K=H	3
15.1	24.0	a	N	1
14.9	24.6	T	14h54	K=H 2
16.2	7.0	a	N	1
16.1	7.1	T	14h55	K=H 1
16.5	10.8	T	14h56	K=H 1
16.9	10.9	H	N	1
16.6	12.3	a	N	2
16.1	13.9	a	N	2
16.4	15.5	Mar	N	1
16.8	16.9	a	N	1
16.6	17.5	a	N	1
16.2	17.6	H	N	1
16.2	18.6	a	N	2
16.2	21.2	a	N	2
16.6	23.2	a	N	1
16.4	23.5	T	14h57	K=H 1
17.6	6.4	T	14h58	K=H 4
17.4	7.6	a	N	1
17.7	9.1	a	N	1
18.0	9.5	a	N	1
17.8	14.8	T	14h59	K=H 2
17.5	15.9	a	N	3
17.4	17.1	a	N	1
17.9	17.8	a	K=H	1

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1900							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m	°			h m	°			h m	° ′	
17 4.1	−52.2	CPD	−52° 10498	17 2.3	−52	8.3	8.0	23224	17 4.3	−52 10	8.2
17 8.0	−52.2	CPD	−52° 10539	17 6.1	−52	9.6	8.2				
17 9.2	−52.4	CPD	−52° 10562	17 7.9	−52	17.2	8.4				
17 20.0	−52.2	CPD	−52° 10662	17 18.0	−52	10.9	7.4	23597	17 20.0	−52 13	6.3
17 54.0	−51.7	CDM	−51° 11302	17 51.4	−51	46.8	9.1				
17 56.1	−51.7	CDM	−51° 11312	17 53.1	−51	38.3	7.5	24463	17 55.1	−51 38	7.3
16 58.0	−52.4	CPD	−52° 10434	16 56.2	−52	20.9	8.3				
16 58.5	−52.3	CPD	−52° 10438	16 56.3	−52	18.2	8.0				
17 10.3	−52.8	CPD	−52° 10564	17 8.2	−52	36.9	8.4				
17 10.3	−53.0	CPD	−52° 10567	17 8.4	−52	51.3	8.4				
17 14.5	−53.0	CPD	−52° 10610	17 12.8	−52	50.9	7.8	23466	17 14.8	−52 53	8.8
17 20.5	−52.7	CPD	−52° 10664	17 18.4	−52	31.3	7.8				
17 26.0	−52.7	CPD	−52° 10698	17 23.8	−52	39.7	8.1	23740	17 25.8	−52 41	7.8
17 30.5	−53.0	CPD	−52° 10742	17 28.6	−52	50.2	8.3				
17 32.5	−52.7	CPD	−52° 10760	17 30.3	−52	43.6	8.3				
17 33.0	−52.7	CPD	−52° 10767	17 30.8	−52	33.0	8.5				
17 36.4	−52.8	CPD	−52° 10800	17 34.0	−52	32.8	8.0	23769	17 36.0	−52 34	8
17 45.0	−52.5	CPD	−52° 10900	17 42.7	−52	26.5	7.8				
17 51.9	−52.7	CPD	−52° 10940	17 49.1	−52	33.4	8.4				
17 52.9	−52.5	CPD	−52° 10948	17 50.0	−52	25.2	8.0				
16 55.0	−53.1	CPD	−53° 8916 ~~−52° 10972~~	16 53.2 ~~16 49.6~~	−53 ~~−52~~	2.9 ~~58.0~~	6.7 ~~6.8~~	23018	16 55.2	−53 5	5.9
16 59.5	−53.8	CPD	−52° 10447	16 57.4	−52	55.3	8.2				
17 4.5	−53.2	CPD	−53° 8445	17 2.2	−53	13.0	8.3	23120	17 4.2	−53 15	7.5
17 5.9	−53.4	CPD	−53° 8467	17 3.5	−53	18.4	7.6	23253	17 5.5	−53 20	8.2
17 22.6	−53.5	CPD	−53° 8660	17 21.0	−53	22.5	8.0				
17 27.0	−53.3	CPD	−53° 8682	17 25.2	−53	15.8	6.8	23785	17 27.2	−53 17	6.7
17 31.0	−53.3	CPD	−53° 8704	17 29.2	−53	7.8	8.0	23860	17 31.2	−53 9	8.2
17 33.5	−53.5	CPD	−53° 8731	17 31.4	−53	24.0	8.0	23901	17 33.4	−53 25	8.5

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D. H Cl. Rem. Kline Int.

17.5	20.2	a		K=H	1
17.3	20.7	a		N	3
18.0	21.4	H		N	1
17.6	23.4	H		N	1
18.6	7.7	a		N	2
18.6	11.4	a		N	1
18.8	13.9	a		K=0.3H	2
18.7	15.7	a		N	1
18.3	17.5	?	1660	N	1
18.3	20.4	B	1661	N	3
18.8	20.7	a		K=0.3H	2
18.2	21.0	a		N	1
19.0	24.0	a		K=H	2
20.0	6.7	a		N	1
19.8	9.9	E		K=H	1
19.4	12.2	F	1662	K=H	2
19.9	12.9	a		K=0.3H	2
19.3	14.5	a		N	2
19.8	16.7	a		K=0.4H	3
19.6	17.2	H		N	1
19.3	18.7	a		N	2
20.0	22.1	a		N	2
20.4	5.7	a		N	3
20.3	6.5	a		N	2
20.7	9.5	H		N	1
21.0	11.4	G		N	2
21.0	14.0	H		K=H	2
21.6	15.5	G		K=H	2

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1900							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
17h 42.5m	−53.5°	CPD −53° 8794	17h 39.7m	−53° 16.7′	8.3		24147	17h 42.3m	−53° 35′	6.2
17 43.5	−53.1	CPD −53° 8812	17 41.1	−53 5.3	6.8		24170	17 43.1	−53 6	6.7
17 45.9	−53.4	CPD −53° 8832	17 43.5	−53 23.4	8.2		24234	17 45.5	−53 24	8.5
17 52.5	−53.1	CPD −53° 8866	17 50.0	−53 5.0	7.8		24375	17 52.0	−53 5	8
16 59.6	−53.7	CPD −53° 8370	16 57.4	−53 34.8	7.9		23117	16 59.4	−53 37	8.2
17 11.5	−53.9	CPD −53° 8534	17 9.5	−53 40.8	8.0		23393	17 11.5	−53 43	9
17 20.1	−54.0	CPD −53° 8623	17 18.2	−53 54.6	7.6		23599	17 20.2	−53 57	7.5
17 26.6	−53.9	CPD −53° 8678	17 24.7	−53 49.2	8.0		23760	17 26.6	−53 50	8.2
17 32.5	−53.8	CPD −53° 8710 about	17 30	−53.5 cluster			23883	17 32.5	−53 36	10 Magn?
17 42.4	−53.5	CPD −53° 8799	17 40.3	−53 34.1	6.6		24147	17 42.3	−53 35	6.2
17 43.5	−53.8	CPD −53° 8814	17 41.2	−53 47.7	7.3		24175	17 43.2	−53 49	7.5
17 44.5	−53.5	CPD −53 8821	17 42.2	−53 28.0	8.2		24201	17 44.2	−53 29	8.5
17 55.4	−53.8	CPD −53° 8888	17 52.6	−53 41.6	7.8		24450	17 54.6	−53 42	8.2
16 55.5	−54.3	CPD −54° 7992	16 53.4	−54 10.3	8.2					
17 6.5	−54.3	CPD −54° 8115	17 4.4	−54 12.9	8.3					
17 14.0	−54.3	CPD −54° 8227	17 12.3	−54 9.3	7.5		23453	17 14.3	−54 11	7.2
17 16.4	−54.6	CPD −54° 8279	17 14.6	−54 26.3	7.4		23507	17 16.6	−54 28	7.5
17 22.1	−54.3	CPD −54° 8349	17 20.2	−54 8.1	7.7					
17 30.0	−54.5	CPD −54° 8403	17 27.8	−54 24.7	6.5		23838	17 29.9	−54 26	5.8
17 31.5	−54.5	CPD −54° 8423	17 29.5	−54 16.7	8.2		23865	17 31.5	−54 18	7.5
17 37.0	−54.3	CPD −54° 8468	17 34.8	−54 4.4	7.5					
17 48.5	−54.4	CPD −54° 8564	17 46.1	−54 21.1	7.6		24292	17 48.2	−54 21	7.5
16 52.0	−54.5	CPD −54° 7947	16 50.0	−54 23.9	7.0		22950	16 52.0	−54 26	6.5
16 54.7	−54.4	CPD −54° 7980	16 52.6	−54 22.3	7.4		23010	16 54.6	−54 24	7.2
17 4.7	−54.8	CPD −54° 8096	17 2.8	−54 41.6	7.9		23237	17 4.8	−54 44	7.2
17 11.0	−55.0	CPD −54° 8191	17 9.2	−54 58.8	7.6		23385	17 11.3	−55 1	7.5
17 20.2	−55.2	CPD −55° 8144	17 18.3	−55 3.6	7.4		23603	17 20.4	−55 6	6.6
17 25.6	−54.9	CPD −54° 8387	17 23.9	−54 47.6	7.7		23741	17 26.0	−54 49	8

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C H Cl. Rem. Klumpke

21.6	20.2	E	K=H	1
21.5	19.6	a	N	1
21.7	13.0	K	K=1.5H	4
22.4	9.1	F	1663 K=H	1
21.4	9.3	a	K=H	1
23.0	10.0	a	K=H	1
22.8	11.5	F	1664 K=H	1
22.1	18.0	H	N	1
22.0	18.3	a	N	1
21.2	16.3	a	N	2
21.4	19.6	a	K=0.4H	3
22.0	22.1	F	1665 K=H	2
22.4	19.0	a	N	1
23.0	21.3	a	N	2
23.2	5.6	J	K=H	4
23.2	4.9	a	K=H	1
23.9	12.5	J	K=H	2
23.5	13.1	a	N	5
23.4	15.2	a	N	2
23.4	19.2	F	1666 K=H	2
23.4	20.4	J	N	2
23.4	23.6	a	N	1

R.A. 18h 2m Dec. −51.6

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4.3	5.6	a	N	1
3.4	5.9	a	N	1
3.6	6.3	a	N	2
4.0	16.4	a	N	2

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1900								A.G.C. No.	1900 R.A.	1900 Dec.	Mag.
h m	°								h m	° ′	
17 42.5	−54.8	CPD −54° 8513	17 40.2	−54 41.1	8.2	24142	17 42.3	−54 42	8
17 39.9	−54.8	CPD −54° 8491	17 37.7	−54 39.1	8.3				
17 17.0	−55.5	CPD −55° 8100	17 14.9	−55 24.5	6.2	23516	17 17.0	−55 27	2.8
16 56.4	−55.7	CPD −55° 7841	16 54.0	−55 23.5	7.8				
17 3.5	−55.6	CPD −55° 7931	17 1.5	−55 28.0	8.2				
17 6.5	−56.0	CPD −55° 7965	17 4.1	−55 51.3	7.6	23267	17 6.2	−55 53	7.2
17 11.0	−56.0	CPD −55° 8032	17 9.2	−55 45.4	8.1				
17 34.5	−55.7	CPD −55° 8268	17 32.4	−55 33.5	7.8	23931	17 34.5	−55 35	7.8
17 35.6	−55.6	CPD −55° 8276	17 33.6	−55 24.5	8.0				
17 28.7	−55.2	CPD −55° 8229	17 26.6	−55 ~~7.0~~ 3.2	8.0				
17 40.3	−55.4	CPD −55° 8312	17 38.2	−55 21.1	7.1	24087	17 40.3	−55 22	6.4
17 48.5	−56.4	CPD −55° 8375	17 46.8	−55 21.3	7.3	24387	17 48.9	−55 21	~~6.4~~ 7.0
17 37.9	−55.9	CPD −56° 8291	17 36.0	−56 45.5	7.6				
17 46.0	−55.9	CPD −55° 8357	17 44.2	−56 52.0	7.4	24246	17 46.3	−55 53	7.5
16 50.0	−55.9	CPD −55° 7766	16 48.3	−55 47.4	6.4	22916	16 50.4	−55 50	3.2
16 58.7	−56.1	CPD −55° 7868	16 56.6	−56 51.9	7.9	23099	16 58.7	−55 54	8
17 14.5	−56.5	CPD −56° 8191	17 12.6	−56 23.8	7.6	23459	17 14.7	−56 26	6.4
16 17.4	−56.4	CPD −56° 8226	17 14.9	−56 15.3	4.0	22187	16 17.1	−56 17	7.5
17 24.9	−56.4	CPD −56° 8314	17 22.7	−56 11.2	7.8	23708	17 24.8	−56 12	7.8
17 39.0	−56.3	CPD −56° 8440	17 37.0	−56 6.7	7.8	24057	17 39.1	−56 8	7.8
17 44.5	−56.2	CPD −56° 8468	17 42.3	−56 6.9	7.6	24204	17 44.4	−56 8	7.0
17 54.7	−56.3	CPD −56° 8555	17 52.5	−56 3.6	8.1	24447	17 54.6	−56 3	8
17 34.5	−46.3					23950	17 35.0	−46 15	7.5
17 36.1	−46.0					23980	17 36.3	−45 55	7.2
17 37.2	−46.1					24010	17 37.4	−46 0	7.5
18 6.0	−46.3					24765	17 6.4	−46 20	7.5

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& H Cl. Rem Klinkenfues

3.5	21.0	a	N 4	
3.5	22.7	a	N 3	
5.6	5.3	a	N 2	
5.5	6.7	a	N 1	
6.0	7.7	a	N 2	
6.0	8.4	a	N 1	
4.8	10.4	a	N 1	
6.0	21.8	K	K=H 2	
5.0	6.6	a	N 2	
6.8	11.7	a	N 1	
6.4	11.8	a	N 2	
6.2	15.4	K	N 2	
6.2	18.6	a	N 1	
6.1	24.4	a	K=H 2	
5.9	6.7	a	N 1	
5.9	7.3	a	K=H 1	
5.9	8.6	H	N 1	
5.7	14.1	H	N 1	
5.2	16.5	H	N 1	
5.7	20.5	G	K=H 3	
5.6	22.1	F 1667	K=H 2	
6.8	23.4	F 1668	K=H 1	7.8 23.4?
8.3	12.0	a	K=H 1	
8.9	12.5	a	K=H 1	
9.0	13.1	H	N 1	
8.9	16.8	G	K=H 2	
8.8	18.3	a	K=05H 3	
8.1	19.4	a	N 1	

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1900		A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m	°		h m	° ′	
18 19.4	− 46.1	25105	18 19.6	− 46 1	3.5
18 24.5	− 46.0	25243	18 24.4	− 45 59	5.7
17 33.7	− 46.9	23912	17 33.8	− 46 52	6.3
17 38.5	− 46.9	24042	17 38.2	− 46 53	8
17 41.0	− 47.2	24108	17 40.8	− 47 13	7.5
17 43.4	− 47.3				
17 49.5	− 46.7				
18 22.4	− 47.4	25179	17 22.4	− 47 17	6.5
17 37.1	− 47.8	24004	17 37.3	− 47 40	7.5
17 51.5	− 47.9	24376	17 51.9	− 47 45	7.5
17 52.0	− 47.7	24384	17 52.1	− 47 45	7.2
18 3.5	− 47.5	24694	17 3.5	− 47 32	6.6
18 12.7	− 47.5	24933	17 12.8	− 47 25	7.5
18 30.0	− 47.2	25377	18 30.0	− 47 9	6.9
17 37.1	− 48.2				
17 39.0	− 48.2				
17 43.0	− 48.3	24167 24168	17 42.9	− 48 15	7.5 9
17 59.0	− 48.3	24586	17 59.4	− 48 15	7.5
18 6.7	− 48.0				
18 19.1	− 48.2	25095	18 19.3	− 48 10	6.2
18 23.5	− 48.2	25209	18 23.4	− 48 5	7.2
18 28.0	− 48.2				
17 52.5	− 48.6				
17 54.0	− 48.9				
17 56.0	− 49.0				
18 7.6	− 48.9	24807	18 7.8	− 48 53	6.9
18 12.3	− 48.9	24926	18 12.4	− 48 49	6.9
18 15.5	− 48.5	25005	18 15.7	− 48 25	7.5

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v H Cl. Rem. Klumpke.

	9.0	19.8	a		N 1
	8.5	20.0	H		N 1
H=7.2 ? ✓	9.3	7.2	H		N 1
	9.1	10.5	H		N 1
	9.8	14.9	E		K=H 1
	10.0	18.1	a		N 1
	9.8 5	18.4	a		N 1
	9.5	21.2	G		K=H 3
	10.3	5.4	Of	1669	K=H 3
	10.6	9.5	a		N 1
	10.3	8.8	a		N 2
	10.5	12.9	a		N 1
	10.8	14.2	a		N 1
	10.1	18.2	a		N 1
	10.6	17.5	G		K=H 2
	10.4	23.1	H		N 1
	10.6	24.3	a		N 1
	11.2	14.0	B	1670	N 4
	11.8	16.5	a		N 2
	11.1	19.6	a		N 1
	11.8	21.9	a		K=H 2
	12.5	6.1	H		N 1
	12.9	7.3	Of	1671	K=H 1
	13.0	9.9	a		N 1
	12.2	15.9	a		K=H 3
	12.9	20.4	a		N 1
	13.0	22.8	H		N 1
	13.3	17.1	a		N 3

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1900			A.G.C.	1900	1900	
h m	°		No.	R.A.	Dec.	Magn.
18 17.0	−49.0		25038	h m 18 17.0	−48 50′	8
18 16.9	−49.0					
17 38.1	−49.0		24043	18 38.3	−48 54	7
17 48.9	−49.0		24297	17 48.3	−48 55	7.2
18 1.0	−49.4		24627	18 1.0	−49 21	7.5
18 12.0	−49.5		24910	18 11.8	−49 23	8.5
18 12.5	−49.3		24929	18 12.5	−49 26	9
18 21.3	−49.2		25140	18 21.1	−49 7	4.5
17 32.4	−49.4		23888	17 32.6	−49 21	5.6
17 39.0	−49.7					
17 43.0	−49.5		24165	17 42.8	−49 28	7.5
17 54.5	−49.8		24458	17 54.8	−49 37	8.2
17 59.0	−49.9					
18 12.5	−49.6		24922	18 12.2	−49 28	8.2
18 16.5	−49.8		25032	18 16.8	−49 42	6.7
18 27.5	−49.5		25318	18 27.1	−49 26	8.2
18 31.5	−49.7					
17 58.5	−50.1		24574	17 58.8	−50 6	3.9
18 7.5	−50.4		24781	18 7.3	−50 20	7.4
18 16.4	−50.0					
18 24.0	−50.4		25221	18 23.7	−50 15	7.5
17 34.3	−50.5		23922	17 34.2	−50 27	6.9
17 38.0	−50.9		24026	17 37.9	−50 44	7.8
17 45.5	−50.9					
18 5.5	−50.6		24731	18 5.2	−50 35	6.9
18 19.4	−50.9					
18 27.4	−51.0					
18 9.2	−51.2		24832	18 9.2	−51 6	6.5

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13.8	21.8	a	N	2
14.9	5.0	G	K=1.2H	3
14.5	9.6	F	K=H	1
14.4	12.9	F	K=H	2
14.6	13.8	a	K=0.5H	3
14.5	15.6	a	K=H	1
15.0	17.5	H	N	1
14.1	18.5	a	N	1
14.9	19.4	a	K=H	1
14.1	19.9	a	N	2
14.1	21.5	a	N	1
14.9	23.4	a	N	1
16.0	12.0	H	N	1
15.5	14.4	ma	N	1
15.2	17.3	a	K=H	2
16.6	7.1	a	N	2
16.2	9.5	a	N	1
17.0	14.1	G	K=H	1
16.5	17.5	H	N	1
16.3	20.5	a	N	2
16.3	22.5	H	K=H	2
16.2	24.3	a	N	2
17.1	8.5	H	N	1
17.4	9.3	a	N	3
17.3	12.0	H	N	1
17.4	20.0	J	K=H	3
17.3	22.3	S	N	2
18.4	6.5	a	K=H	1

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1900 h m °	A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
18 24.5 −51.2	25237	18h 24m.3	−51° 11′	7.5
17 36.4 −51.8	23974	17 36.2	−51 47	5.7
17 44.7 −51.8	24205	17 44.4	−51 42	7.5
17 55.0 −51.7	24463	17 55.1	−51 38	7.3
17 58.1 −51.8	24551	17 58.2	−51 45	6.9
18 4.5 −51.8				
18 11.4 −52.1	24885	18 11.1	−52 0	7.2
18 14.5 −51.7				
18 17.1 −52.0				
18 13.9 −51.5				
18 23.4 −51.4				
18 29.1 −51.7				
17 52.4 −52.5				
18 0.0 −52.3	24607	18 0.0	−52 15	7.8
18 10.0 −52.2	24855	18 9.8	−52 5	7.5
17 35.6 −52.8	23969	17 36.0	−52 34	8
17 45.0 −52.5				
17 58.5 −53.1				
18 10.6 −52.9	24871	18 10.5	−52 48	7.8
18 20.6 −52.6	25113	18 20.2	−52 33	7.8
18 27.0 −52.5	25310	18 26.9	−52 28	7.5
18 33.0 −52.4	25425	18 32.5	−52 18	8
17 41.7 −52.9				
17 43.3 −53.1				
17 52.4 −53.2				
18 19.0 −53.2	25085	18 19.0	−53 10	7.3
18 26.5 −53.0	25293	18 26.5	−52 58	6.7
17 32.5 −53.8	23883	17 32.5	−53 36	10 Magn?

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C. H. Cl. Rem. Klinkerfues.

18.4	9.2	B	1674	N	3
18.8	9.5	a		N	2
18.5	12.8	a		N	1
18.6	19.5	H		N	1
18.6	19.6	a		K=H	2
18.6	20.0	H		N	1
18.5	21.2	H		N	1
18.6	22.9	a		N	1
19.6	4.6	a		N	1
19.9	11.0	a		K=H	2
19.4	14.1	F	1675	K=H	1
19.4	14.3	a		K=H	2
19.9	22.1	F	1676	K=H	2
20.4	5.9	a		N	3
22.0	8.9	a		K=H	2
21.8	11.3	F	1677	K=H	2
21.9	15.4	H		N	1
22.9	10.6	a		N	2
23.5	10.1	H		N	1
23.1	16.8	B	1678	N	3
0	55	23.9	15.3	a	N 2

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1900 h m °	A.G.C. No.	1900 R.A. h m s	1900 Dec. ° ′	Magn.
17 42.3 −53.5	24147	17 42.3	−53 35	6.2
17 43.5 −53.8				
17 55.0 −53.8	24450	17 54.6	−53 42	8.2
18 11.5 −53.9				
18 17.4 −53.8	25054	18 17.6	−53 41	10 Mag.?
	25055			6.8
18 19.0 −53.8	25088	18 19.1	−53 41	6.8
18 23.0 −53.7				
18 28.5 −53.7				
17 36.7 −54.2				
17 48.7 −54.4	24292	17 48.2	−54 21	7.5
17 59.0 −54.2	24562	17 58.7	−54 11	8
17 59.9 −54.2				
18 26.6 −54.2	25288	18 26.2	−54 10	6.9
17 30.0 −54.5	23838	17 29.9	−54 26	5.8
17 40.4 −55.4	24087	17 40.3	−55 22	6.4
17 48.5 −55.4	24302	17 48.9	−55 21	7.0
18 3.5 −55.4	24688	18 3.4	−55 23	7.8
17 46.5 −56.0	24246	17 46.3	−55 53	7.5
17 44.5 −56.2	24204	17 44.4	−56 8	7.0
18 8.7 −56.1	24816	18 8.7	−56 4	5.7
18 3.5 −56.4	24687	18 3.4	−56 25	7.0
	24690	3.6	27	7.8

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1893phae.proj..879F

R.A. 18h 47m Dec. −51.6°

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h	m			No.		
23	5.0	V. H Cl.	Rem.		Kline Int.	
4.5	10.0	G			K=H	1
4.6	12.2	H			N	1
4.4	13.2	H			N	1
4.6	14.5	I			K=H	2
4.6	14.7	a			K=0.2H3	
4.7	16.4	E			N	2
6.0	6.8	G			K=H	2
5.7	9.4	Fl		1679	K=H	2
5.6	10.2	Fl		1680	K=H	1
5.6	10.6	a			N	2
5.4	11.8	a			N	1
5.5	12.3	Fl		1681	K=H	1
5.9	14.9	a			N	1
5.9	15.0	a			N	2
5.2	17.0	Fl		1682	K=H	1
5.6	17.3	a			N	1
5.6	18.1	I			K=H	2
6.0	23.2	a			N	2
6.3	7.3	H			N	1
6.9	11.1	Fl		1683	K=H	2
6.8	11.2	a			N	1
6.9	13.9	B		1684	N	3
6.2	16.0	Fl		1685	K=H	1
6.1	16.9	Fl		1686	K=H	1
6.6	19.5	a			K=H	2
7.9	3.9	G			K=H	3
7.6	47.3	Fl		1687	K=H	2

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1993phac.proj.:8701

1950	A.G.C. No.	1950 R.A.	1950 Dec.	Magn.
18h 32.0m −46.5°	25414	18h 31.9m	−46° 34′	7.8
18 38.0 −46.8	25576	18 38.3	−46 43	8
18 41.9 −46.6	25653	18 41.1	−46 34	8
18 44.9 −46.7	25758	18 45.1	−46 42	5.9
18 45.5 −46.7	25779	18 45.6	−46 42	6.9
18 57.0 −46.7	26037	18 56.5	−46 42	7.5
18 22.3 −47.4	25179	18 22.4	−47 17	6.5
18 30.0 −47.2	25377	18 30.0	−47 9	6.9
18 32.4 −47.2	25421	18 32.2	−47 9	8.5
18 33.4 −47.2	25451	18 33.3	−47 7	7.0
18 37.4 −47.1				
18 38.9 −47.2				
18 46.0 −47.5				
18 46.5 −47.4	25807 25812	18 46.6 46.7	−47 23	6.7 7.1
18 52.6 −47.0	25942	18 52.6	−46 59	7.5
18 53.4 −47.2	25956	18 53.4	−47 11	8.5
18 56.0 −47.2	26015	18 55.8	−47 11	7
19 11.0 −47.3	26394	19 10.6	−47 16	8
18 24.0 −47.4	25228	18 23.8	−47 23	7.2
18 34.0 −47.9				
18 35.0 −47.9	25492	18 34.9	−47 51	6.9
18 43.0 −48.0	25707	18 43.2	−47 53	7.1
18 49.5 −47.6	25880	18 49.7	−47 31	7.2
18 52.4 −47.5	25934	18 52.4	−47 28	8
19 0.4 −47.8				
18 19.1 −48.2	25095	18 19.3	−48 10	6.2
18 23.4 −48.2	25209	18 23.4	−48 5	7.2

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h H	Cl.	Rem.	Klinc Int.
7.5	5.6	a	N 1
7.9	9.4	c	K=H 1
7.2	10.1	a	K=0.4H3
7.5	10.9	k	K=H 2
7.9	12.2	a	K=0.8H 3
8.0	12.4	a	K=H 1
8.0	14.7	a	K=0.2H 3
7.5	15.8	H	N 1
7.9	17.2	g	K=H 2
7.4	17.8	g	K=H 1
8.0	19.2	a	N 3
7.6	22.1	a	N 1
8.9	8.9	a	N 1
8.8	9.9	f	K=H 2
8.7	11.0	a	N 1
8.2	13.9	H	N 1
8.3	14.5	a	N 1
8.7	16.2	a	N 1
8.4	16.5	f	K=H 2
8.6	17.0	a	N 2
8.2	16.5	g	K=H 2
9.6	6.7	g-H	K=1.5H 4
9.0	11.4	a	N 1
9.3	12.1	g	K=H 1
10.0	14.6	a	N 1
9.2	15.2	a	K=0.2H 2
9.3	16.7	g	K=H 2

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1900 h m °
18 27.0 − 48.1
18 29.4 − 48.3
18 31.5 − 48.0
18 33.8 − 48.2
18 38.0 − 48.4
18 38.6 − 48.4
18 45.7 − 48.5
18 49.0 − 48.3
18 53.0 − 48.5
18 55.0 − 48.2
18 59.3 − 48.5
19 8.0 − 48.0
18 27.5 − 48.9
18 30.7 − 48.9
18 34.1 − 48.8
18 43.0 − 48.6
18 45.0 − 48.7
18 50.0 − 48.9
18 51.0 − 48.7
18 52.5 − 48.8
18 57.4 − 48.6
18 21.3 − 49.2
18 35.6 − 49.0
18 37.7 − 48.2
18 45.7 − 49.6
18 47.4 − 49.2
18 48.5 − 49.1

A.G.C. No.	1900 R.A. h m	1900 Dec. ° ′	Magn.
25322			
25323	18 27.3	− 48 6	8.5
25365	18 29.4	− 48 17	8.5
25411	18 31.7	− 48 0	6.3
25467	18 33.9	− 48 11	6.9
25568	18 38.0	− 48 22	7.0
25776	18 45.5	− 48 28	6.4
25867	18 49.1	− 48 12	8.5
25949	18 53.1	− 48 25	7.3
25993	18 55.1	− 48 6	8
26316	19 7.8	− 48 3	8
25395	18 30.9	− 48 48	6.9
25749	18 44.7	− 48 33	8.5
25912	18 51.3	− 48 38	6.9
26057	18 57.4	− 48 48	8.8
25140	18 21.1	− 49 7	4.5
25511	18 35.5	− 48 55	8
25568	18 38.0	− 48 22	7.0
25780	18 45.6	− 49 32	9
25824	18 47.1	− 49 4	7.2
25865	18 48.9	− 49 7	6.8

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V H bel Rev. Klein Instr.

9.9	16.8	H	N	1
9.6	21.8	H	K=H	1
9.1	22.5	F	K=H	1
10.9	5.5	e	K=H	1
10.8	6.0	a	N	1
10.1	8.7	a	N	1
10.3	9.9	F	K=H	2
10.5	12.9	a	N	3
10.9	14.2	a	N	1
10.6	15.0	H	N	1
11.0	15.1	a	K=2H	3
10.1	17.8	a	N	1
10.2	18.7	a	N	1
ask Mrs. F. 11.0	12.5	a	N	1
10.7	12.6	a	N	1
11.6	6.5	H	N	1
11.8	7.7	a	K=H	2
11.8	8.4	H	N	1
11.6	9.7	F	K=H	1
ask Mrs F 11.4	12.7	F a	K=H	1
11.3	13.7	a	N	1
11.4	15.3	a	K=H	1
11.7	17.3	H	N	1
12.0	17.9	H	K=H	1
12.0	19.0	a	N	3
11.5	20.0	F	K=H	1
11.4	22.2	F	K=H	1

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1893phae.proj..879F

1900	A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m °		h m	° ′	
18 52.0 −49.4	25932	18 52.3	−49 24	8
19 7.4 − 49.2	26310	19 7.4	−49 8	7.1
19 9.0 − 48.9	26358	19 9.3	− 48 49	7.8
18 16.5 − 49.8	25032	18 16.8	− 49 42	6.7
18 18.9 − 49.8	25080	18 18.7	− 49 37	8.8
18 27.5 − 49.5	25318	18 27.1	− 49 26	8.2
18 31.0 − 49.7				
18 40.0 − 49.8	25613	18 39.7	− 49 45	7.2
18 44.0 − 50.0	25725	18 43.7	− 49 53	9.2
18 46.5 − 49.9	25801	18 46.5	− 49 47	7.8
18 47.0 − 50.0	25815	18 46.8	− 50 0	6.8
18 55.4 − 49.6				
18 58.0 − 49.7				
	~~25604~~	~~18 39.2~~	~~− 50 12~~	~~6.8~~
18 39.9 − 49.8	25613	18 39.7	− 49 45	7.2
18 20.0 − 50.1				
18 23.6 − 50.3	25221	18 23.7	− 50 15	7.5
18 25.6 − 50.3				
18 30.0 − 50.3	25374	18 29.8	− 50 14	8.5
18 42.4 − 50.2				
18 51.9 − 50.3				
18 53.9 − 50.4	25957	18 53.5	− 50 19	8
18 55.9 − 50.5	26011	18 55.7	− 50 28	7
18 59.1 − 50.5	26103	18 59.2	− 50 28	6.7
19 2.0 − 50.2	26177	19 2.3	− 50 7	8.2
19 9.0 − 50.2	26351 26353	19 9.1	− 50 10	7.8 10

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May, 14, 1893

Plate 3 2933

C. H. Cl. Rem. Nr. Klinkfuss.

12.8	6.4	a		K=H	2
12.7	8.8	H		K=H	2
12.2	10.9	G		K=H	2
12.2	9.9	a		N	1
12.3	12.1	a		K=H	1
12.9	12.4	a		N	3
12.9	12.7	a		N	1
12.5	20.8	G		K=H	2
13.0	21.8	a		K=H	1
13.6	8.1	a		N	2
13.7	8.7	a		N	1
14.0	9.1	F	1694	K=H	1
13.6	10.9	a		N	1
13.9	12.3	a		N	1
13.5	13.3	H		N	1
13.3	15.7	F	1695	K=H	1
13.9	16.7	H		K=H	1
13.3	16.0	K		K=H	3
13.2	21.0	F	1696	K=H	1
14.3	6.2	a		N	2
14.1	7.7	a		N	2
14.6	9.7	a		N	2
14.6	10.6	F	1697	K=H	2
14.7	14.8	G		K=H	2
15.0	14.7	a		N	3
14.2	18.8	F	1698	K=H	2
16.0	20.5	H		N	1

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1893phae.proj..879E

1900 R hm	°	A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
18 19.0	−50.8				
18 27.0	−50.8	25311	18 26.9	−50 48	7
18 33.5	−50.6	25458	18 33.6	−50 34	6.8
18 30.4	−50.7				
18 37.0	−50.7	25541	18 37.1	−50 36	8.8
18 38.3	−50.9	25570	18 38.2	−50 59	6.5
18 39.4	−51.0	25602	18 39.2	−50 56	8.8
19 4.8	−50.7	26246	19 5.0	−50 39	6.5
19 8.1	−50.9				
18 24.0	−51.3	25237	18 24.3	−51 11	7.5
18 26.0	−51.2				
18 27.5	−51.4				
18 33.1	−51.4				
18 38.0	−51.5	25563	18 37.8	−51 24	8.5
18 41.1	−51.3				
18 48.5	−51.2				
18 52.0	−51.4	25938	18 52.6	−51 27	8.8
18 56.2	−51.1	26026	18 56.2	−51 9	6.2
19 5.5	−51.0				
18 18.0	−51.5	25066	18 18.1	−51·26	8.2
18 23.0	−51.5	25193	18 23.1	−51 35	8.2
18 29.3	−51.9				
18 32.5	−51.9				
18 44.0	−51.7	25727	18 43.9	−51 36	8.2
18 45.5	−52.1	25765	18 45.3	−52 3	6.9
18 58.7	−51.6	26095	18 58.9	−51 34	7
19 4.5	−51.9	26230	19 4.5	−51 59	7.8
		26234	19 4.6	−51 58	7.1

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May 14, 1893

Plate 3 #933
G H Cl. Rem. Nr. Klinefelter

14.8	22.9	a		N 3	
14.7	22.2	H		N 1	
14.3	23.8	F	1699	K=H 3	
15.2	5.8	a		N 2	
15.8	5.9	H		N 1	
15.2	6.6	F	1700	K=H 1	
15.6	7.5	a		N 1	
16.0	9.1	H		K=H 2	
15.6	10.7	a		N 2	
15.3	12.7	a		K=0.5H 2	
15.8	14.0	G		K=H 1	
16.0	14.2	H		N 1	
15.3	14.5	G		K=1.2H 4	
15.7	14.7	a		K=H 2	
15.8	15.6	a		N 1	
16.0	18.6	H	1701	K=H 4	
16.4	7.0	a		N 2	
16.3	8.0	a		N 2	
17.0	9.0	H		K=H 2	
17.5	10.1	F	1702	K=H 1	
16.2	11.6	a		K=0.5H 2	
16.9	11.7	a		N 2	
16.2	13.0	a		N 1	
16.7	13.8	F	1703	K=H 1	
16.4	13.9	H		N 1	
16.4	14.7	G		K=H 1	
16.6	15.1	a		N 1	

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1900	A.G.C. 1900 :: 1900. No.	R.a	Dec.	Magn.
19h 11m.6 − 51°.8	26406	19h 11m.9	− 51° 46′	6.5
19 9.1 − 51.8	26352	19 9.2	− 51 44	9.2
19 14.5 − 51.4	26469	19 14.8	− 51 25	6.5
18 16.1 − 52.0				
18 16.5 − 52.2				
18 19.4 − 52.0				
18 21.7 − 52.2				
18 27.0 − 52.5	25310	18 26.9	− 52 28	7.5
18 33.0 − 52.4				
18 41.7 − 53.3	25678	18 42.0	− 52 13	7.2
18 43.0 − 52.5	25698	18 42.9	− 52 24	7.5
18 44.0 − 52.6	25724	18 43.8	− 52 30	7.5
18 44.7 − 52.3	25748	18 44.7	− 52 13	5.7
18 45.6 − 52.5	25771	18 45.5	− 52 22	7.8
18 48.5 − 52.5	25854	18 48.6	− 52 25	8
18 58.5 − 52.5	26085	18 58.4	− 52 29	5.7
18 20.0 − 52.6	25113	18 20.2	− 52 33	7.8
18 23.0 − 52.6				
18 26.6 − 52.9	25293	18 26.5	− 52 58	6.7
18 30.4 − 52.8				
18 34.9 − 52.7	25497	18 35.1	− 52 34	8
18 36.0 − 53.1				
18 40.0 − 52.8				
18 42.0 − 52.9				
18 42.1 − 52.8				
18 45.4 − 52.8	25762	18 45.3	− 52 42	8
18 46.6 − 53.0	25819	18 47.1	− 52 49	8.8

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Plate $\frac{3}{2}$933

V: H Cl. Rem. Klinkerdt.

16.7	15.2	a		N 1
17.0	16.1	a		K=0.1H H
16.5	21.7	G		K=H 2
17.2	6.8	X		K=H 3
18.0	10.0	a		N 1
17.2	10.4	H		N 1
18.0	11.0	a		N 1
17.5	11.2	H		N 1
15.0	15.1	a		N 1
17.8	15.8	H		N 1
17.2	23.0	Fl	1704	K=H 1
18.7	16.5	Fl	1705	K=H 2
18.7	6.7	E		K=H 1
19.0	7.4	H		N 1
18.3	9.5	a		N 2
18.8	12.1	a		N 2
19.0	13.9	Fl	1706	K=H 2
18.2	14.3	a		N 1
18.3	21.1	Fl	1707	K=H 2
18.4	22.0	Fl	1708	K=H 3
19.4	9.1	a		K=H 2
19.5	10.6	Fl	1709	K=H 1
19.8	11.9	a		N 1
20.0	13.7	a		N 2
19.7	23.5	J		K=H 2
20.3	15.5	q		N 2
20.1	22.9	H		N 1

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1900			A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h	m	°				
18	46.5	−52.9				
18	50.0	−53.1	25900	18	50.5 − 53	4 5.2
19	8.5	−52.7	26341	19	8.7 − 52	37 7.0
18	18.7	−53.2	25085	18	19.0 − 53	10 7.3
18	30.0	−53.5				
18	31.1	− 53.0				
18	33.4	−53.6				
18	34.1	−53.2				
18	46.5	−53.6	25816	18	46.9 − 53	33 8
18	49.1	−53.5	25871	18	49.4 − 53	25 8.5
19	13.0	−53.0	26438	19	13.2 − 52	54 7.5
18	17.5	−53.8	25054 25055	18	17.6 − 53	41 10 Magnl 6.8
18	19.0	−53.8	25088	18	19.1 − 53	41 6.8
18	20.6	−53.9				
18	28.4	−53.7				
18	37.4	−53.9				
18	43.0	−54.1				
18	44.5	−53.7				
19	6.3	−53.6				
19	10.0	−53.7	26377	19	10.2 − 53	34 6.7
18	26.5	−54.2	25288	18	26.2 − 54	10 6.9
18	32.0	−54.4				
18	36.5	−54.6				
18	43.0	−54.7	25686	18	42.4 − 54	49 9
19	15.4	−54.2	26484	19	15.6 − 54	8 7.0
18	48.5	−54.8	25847	18	48.4 − 54	41 7.8
19	13.5	−54.5				

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Plate 3 ₱933
b H bl. Rim Cr. Kino Int.

20.5	23.2	a	N 4	
21.3	11.7	a	N 1	
21.5	14.2	H	N 1	
21.2	16.6	G	K=H 2	
21.3	19.8	a	N 1	
21.5	21.2	a	N 1	
22.0	23.6	a	N 1	
21.9	24.4	a	N 1	
22.4	11.8	F	1710 K=H 1	
22.9	15.4	a	N 1	
22.8	15.7	a	K=H 1	
22.8 2	15.8	a	K=H 1	
22.7	18.9	J	K=H 2	
22.0	19.0	a	N 1	V=2 30 ?
22.8	20.8	a	N 1	H=19.8 ? 20.0 ?
22.5	21.7	H	N 1	
24.0	15.10	H	N 1	
23.8	19.4	H	N 1	
23.9	21.6	a	N 3	
23.6	23.3	a	N 2	

R.A. 21h 24m Dec. -51.8°
Plate 4482

3.8	6.9	a	N 1	2.
5.9	9.2	a	N 2	2
6.0	12.9	a	K=0.7 H 2	2
6.7	10.8	H	N 1	2

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1900 h m		A.G.C. No.	1900 R.A.	1900 Decl.	Magn.
19	14.5 −54.7	26462	19 14.8	−54 36	5.4
18	35.9 −55.3				
18	44.5 −55.4				
18	52.0 −55.3	25921	18 52.1	−55 9	7.3
19	3.0 −55.2				
19	8.5 −55.3	26324	19 8.3	−55 10	8
19	17.0 −55.4	26519	19 16.8	−55 18	7.5
19	19.0 −55.3				
18	36.0 −56.1				
18	48.1 −56.2				
18	49.1 −56.1				
18	49.5 −55.8	25862	18 49.0	−55 57	8
19	0.5 −55.9	26135	19 0.6	−55 52	6.6
19	1.0 −56.1	26142	19 0.9	−55 59	8.2
19	4.7 −56.0	26235	19 4.7	−55 51	8
19	10.4 −55.7	26375	19 10.2	−55 38	8.5
18	47.3 −56.6	25825	18 47.4	−56 33	6.9
19	2.8 −56.4	26178	19 2.6	−56 21	8
19	10.5 −56.4	26383	19 10.4	−56 20	6.9
19	17.0 −56.2	26520	19 16.9	−56 22	7.8
21	1.1 −45.7	28935	21 1.1	−45 47	6.6
21	1.3 −46.9	28942	21 1.3	−46 54	6.9
21	16.7 −47.1				
21	11.5 −47.4	29193	21 11.7	−47 25	7.8

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Plate 4482

G H Cl Rem Klinc Int.

6.8	11.2	a		K=H	1	2
6.1	13.3	a		K=H	1	2
6.0	16.1	H		N	1	2
7.0	23.6	F	1711	K=H	1	2
7.9	19.2	H		N	1	2
7.5	20.9	G		K=H	3	2
8.5	20.9	a		K=H	2	2
8.4	21.5	H		N	1	2
10.0	10.8	H		K=H	2	2
9.5	12.4	H		N	1	2
10.7	7.5	a		N	3	2
10.9	9.9	H		N	1	2
10.3	15.4	a		N	1	2
11.8	11.3	H		K=H	1	2
11.7	19.7	H		K=H	2	2
12.4	12.0	H		N	2	2
12.9	12.2	a		N	1	2
12.1	22.0	a		N	1	2
13.0	5.9	a		N	1	2
13.7	6.5	H		N	1	2
13.2	14.5	a		N	1	2
13.2	14.7	a		N	1	2
13.6	17.8	a		N	1	2
14.5	8.4	a		N	1	2
14.8	12.3	F	1712	K=H	1	2
14.2	16.7	H		K=H	1	2
16.4	15.5	F	1713	K=H	3	2

H = 9.8? ✓ (was 20.2?)

H = 5.5?

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1893phae.proj..879F

1900 h m	
21	12.5 −47.5
21	18.0 −47.3
21	27.0 −47.1
21	49.5 −47.4
21	6.5 −47.9
21	41.5 −47.8
21	42.1 −48.2
21	43.2 −48.2
21	11.0 −49.1
21	16.0 −48.9
21	0.7 −49.4
21	8.4 −49.5
21	25.5 −49.3
21	12.5 −50.1
21	38.5 −49.9
21	14.7 −50.4
21	15.2 −50.7
21	46.0 −50.1
20	55.1 −50.5
20	57.2 −50.9
21	23.0 −50.8
21	23.5 −50.9
21	33.0 −51.0
21	3.0 −51.3
21	15.2 −51.6
21	30.0 −51.3
20	53.4 −51.6

A.G.C. No.	1900 R.A. h m	1900 Dec. ° ′	Magn.
29217	21 12.7	−47 29	6.7
29503	21 27.5	−47 4	7.0
29964	21 49.6	−47 24	6.7
29071	21 6.7	−47 58	6.9
29785	21 41.7	−47 45	5.8
29786			9
29797	21 42.1	−48 14	6.9
29835	21 43.5	−48 11	6.6
29180	21 11.1	−49 8	6.6
29278	21 16.0	−48 53	7.0
28925	21 0.9	−49 20	6.5
29109	21 8.2	−49 31	6.8
29479	21 25.6	−49 18	8.5
29207	21 12.3	−50 2	7.3
29731	21 38.7	−49 57	6.6
29246	21 14.4	−50 22	6.4
29264	21 15.1	−50 37	7.5
29892	21 46.0	−50 3	7.8
28771	20 55.1	−50 27	8.5
28830	20 57.2	−50 50	6.9
29402	21 22.4	−50 46	7.5
29621	21 33.1	−50 56	8
28975	21 2.7	−51 19	7.5
29268	21 15.2	−51 33	7.5
29555	21 29.8	−51 17	6.7
28735	20 53.3	−51 39	6.0

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Plate 4482

v H Cl, Rem, Klinkerfues

	15.7	9.4	Fl.	17.14	K=H	1
	16.4	12.1	Fl.	17.15	K=H	2
	15.8	17.7	a		K=H	1
	15.5	20.6	a		N	2
Ask Mus. Fl	15.8	12.9	H		N	1
	16.0	12.3	a		K=H	2
	17.0	14.2	H		N	1
	16.8	14.8	a		K=H	2
	17.3	9.1	Fl.	17.16	K=H	2
	17.9	15.6	H		N	2
	17.3	17.7	Fl.	17.17	K=H	3
	17.9	22.6	g		K=H	2
	19.0	10.5	a		K=0.3H	3
	19.3	11.7	a		K=0.3H	4
	19.8	14.4	H		N	2
Ask Mus. Fl.	20.4	16.8	H		N	1
	21.0	8.2	a		N	2
	21.8	13.6	a		K=H	2
	22.1	7.6	I		K=H	3
	22.1	21.0	a		N	2
h m	22.9	22.7	a		N	3
0 50.	24.0	17.6	H		N	1

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1893phae.proj..879F

1900 h m °	A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
21 5.1 − 52.0				
21 14.5 − 52.2	29245	21 14.5	− 52 11	6.6
21 33.5 − 52.1	29616	21 32.9	− 52 1	8
21 42.1 − 51.9	29801	21 42.3	− 51 50	7.2
21 15.3 − 52.4	29262	21 15.1	− 52 18	7.7
21 21.3 − 52.9	29380	21 21.3	− 52 45	7.2
21 23.4 − 52.7	29418	21 23.1	− 52 35	7.8
21 3.4 − 52.9				
21 26.5 − 53.2	29489	21 26.3	− 53 11	6.5
21 33.5 − 52.9	29622	21 33.1	− 52 48	6.4
21 49.5 − 52.9	29958	21 49.4	− 52 56	6.5
21 8.6 − 53.8	29117	21 8.6	− 53 41	6.0
21 12.5 − 53.9	29213 29216	21 12.7	− 53 52	7.2 4.8
21 22.0 − 54.2	29394	21 22.0	− 54 9	6.6
21 0.5 − 54.6	28916	21 0.5	− 54 37	6.8
21 19.0 − 55.2	29331	21 19.1	− 55 6	6.3
20 57.6 − 55.3	28844	20 57.9	− 55 7	5.8
21 45.0 − 55.2	29867	21 45.0	− 55 7	7.5
21 51.5 − 55.5	29999	21 51.1	− 55 28	4.8
21 33.9 − 56.2	29628	21 33.5	− 56 11	6.5

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1893phae.proj..879F

R.A. 22h 2m Dec. −51.4

May 15, 1893

Plate 5712

22 50 V H Cl. Rem. No. Klinefelter

4.9	12.0	a		R	1
5.0	17.2	a		R	1
5.9	12.3	d		R	1
5.3	20.3	R		R	1
5.3	20.5	F	1718	K=d	3
6.3	7.9	d		R	1
6.7	9.0	d		K=d	1
7.0	10.3	F	1719	K=H	1
6.3	11.4	F	1720	K=H	2
7.0	15.2	a		R	5
6.8	19.1	a		R	1
6.8	20.5	a		R	2
6.9	23.4	a		K=d	1
7.9	8.5	G?	1721	K=d	3
7.2	11.1	F	1722	K=d	2
8.9	8.7	a		K=d	2
8.8	9.2	d		K=d	2
9.0	9.7	a		R	1
8.5	11.8	a		R	1
8.9	12.7	a		R	1
8.2	12.9	d		R	1
9.9	6.9	a		K=d	1
9.4	12.8	d		K=d	2
10.9	6.2	F	1723	K=d	1
10.6	14.4	a		R	2
10.7	16.7	F	1724	K=H	1
11.0	20.5	H		R	1
10.2	22.8	a		R	1

Ask Mrs. F.

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1893phae.proj..879E

1900			A.G.C.	1900	1900		
	h m °		No.	R.A.	Dec.	Magn.	
21	52.0	−46.3	30033	21 52.3	−46 13	8.2	
22	7.4	−46.4	30365	22 7.7	−46 25	8.8	
21	53.0	−46.9	30049	21 53.0	−46 49	7.5	
22	16.5	−46.5	30526	22 16.6	−46 27	6.7	
22	17.0	−46.4	30534	22 16.9	−46 25	5.9	
21	40.1	−46.8	29757	21 40.4	−46 51	7.5	
21	43.0	−47.1	29831	21 43.3	−47 4	7.0	
21	46.6	−47.3	29916	21 46.9	−47 18	7.5	
21	50.5	−47.0	29987	21 50.4	−46 57	7.8	
22	1.7	−47.5	30241	22 1.9	−47 27	1.9	
22	13.0	−47.3					
22	17.2	−47.2	30542	22 17.2	−47 10	7.2	
22	25.5	−47.1	30699	22 25.7	−47 5	7.2	
21	41.4	−47.8	29785 29786	21 41.7	−47 45	5.8 9	
21	49.5	−47.4	29964	21 49.6	−47 24	6.7	
21	42.1	−48.2	29797	21 42.1	−48 14	6.9	
21	43.4	−48.2	29835	21 43.5	−48 11	6.6	
21	45.4	−48.3	29873	21 45.1	−48 17	8	
21	52.0	−48.1	30014	21 51.4	−48 1	8.8	
21	53.6	−48.4					
21	54.8	−48.0	30092	21 54.7	−47 56	7.8	
21	36.1	−48.7	29690	21 36.6	−48 38	8.2	
22	3.5	−48.7	30277	22 3.6	−48 36	6.5	
21	33.5	−49.2	29643	21 34.1	−49 10	8	
21	58.5	−49.3	30186	21 59.0	−49 12	8.8	
22	6.0	−49.4					
22	25.0	−48.9	30677	22 24.8	−48 49	7.8	

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1893phae.proj.079F

May 15 - 1893

Plate 5712
D H Cl. Rem. Kline Int.

11.5	9.1	a		Sr	1
11.3	16.8	g		K=H	1
12.3	7.8	d		K=H	2
12.5	8.7	H		Sr	1
12.4	10.2	F	1725	K=H	2
12.6	11.7	F	1726	K=H	2
12.5	14.6	F	1727	K=H	2
12.1	21.4	H		K=H	1
12.4	22.7	F	1728	K=H	2
13.6	7.0	g		K=H	2
13.7	13.6	H		Sr	1
13.3	15.2	a		K=H	2
13.8	18.2	F	1729	K=H	2
14.4	6.2	a		K=H	2
16.0	9.2	a		K=.5H	3
14.3	7.9	H		Sr	1
15.9	11.6	d		K=H	2
16.0	12.9	F	1730	K=H	1
15.6	13.5	a		K=.6H	2
15.8	17.6	a		K=H	1
15.4	19.3	F	1731	K=H	1
16.0	20.5	H		Sr	1
15.3	22.5	g		K=H	1
16.6	6.4	F	1732	K=H	2
16.9	15.6	F	1733	K=H	1
17.0	15.8	F	1734	K=H	2
16.9	21.4	H		Sr	1
16.7	23.7	H		K=H	2

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1893phae.proj..879P

1900			A.G.C.	1900	1900	
h	m	°	No.	R.A.	Dec.	Magn
21	42.7	−49.6	29814	21 h 42m.6	−49° 28′	8.5
22	6.0	−49.7				
21	38.5	−49.9	29731	21	38.7	−49 57 6.6
21	41.1	−50.1				
21	46.3	−50.1	29892	21	46.0	−50 3 7.8
21	51.0	−50.2	29990	21	50.6	−50 10 7
21	59.6	−50.3	30198	21	59.7	−50 10 7.8
22	21.0	−49.9	30614	22	21.2	−49 51 7.3
22	24.5	−49.9	30679	22	24.9	−49 56 6.8
21	35.5	−50.6	29666	21	35.7	−50 33 7.5
21	57.0	−50.9	30129	21	56.6	−50 48 7.8
22	1.5	−50.8	30238	22	1.9	−50 36 8
22	11.5	−50.9	30420	22	11.5	−50 50 7.8
21	33.0	−51.0	29621	21	33.1	−50 56 8
21	42.5	−51.9	29801	21	42.3	−51 50 7.2
21	38.5	−51.0	29728	21	38.6	−50 54 8.2
21	50.0	−51.9	29972	21	49.9	−51 53 7.5
21	54.5	−52.0				
21	56.6	−51.8	30115	21	56.0	−51 46 8
22	9.5	−51.8				
22	14.9	−51.7	30496	22	15.1	−51 36 7.8
22	18.5	−51.9	30573	22	19.0	−51 54 7.5
22	25.0	−51.5	30689	22	25.3	−51 27 7.1
21	32.7	−52.1	29616	21	32.9	−52 1 8
22	3.0	−52.5	30267	22	2.9	−52 23 8
22	4.0	−52.6	30280	22	3.8	−52 27 7.8
22	21.9	−52.3	30629	22	22.2	−52 17 7
22	29.5	−52.2	30780	22	29.4	−52 7 6.8

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1893phae.proj..879F

May 15 - 1893

Plate 5712

V H Cl. Rem. No. Kline Int.

18.0	6.6	F	1735	K=H	3
18.0	11.5	d		K=H	3
17.2	12.7	a		R	1
17.5	14.1	F	1736	K-H	1
17.6	16.8	a		K=H	1
17.5	17.2	H		R	1
17.8	17.9	F	1737	K=H	1
17.7	19.2	F	1738	K=H	1
19.0	9.1	H2		K=H	1
18.6	10.2	F	1739	K=H	1
18.5	17.3	F	1740	K=H	1
19.5	11.0	F	1741	K=H	1
19.2	11.7	a		K=H	2
19.2	13.2	g		K=H	3
20.2	12.2	a		R	1
21.0	12.4	a		R	1
20.2	17.0	a		K=H	1
20.2	18.1	g		K=1.5H	4
20.8	19.2	H		R	1
21.3	8.0	a		R	1
21.4	13.3	a		K=H	1
21.7	17.8	a		R	2
22.0	22.8	a		R	2
22.3	8.1	H		R	1
22.4	10.5	a		R	3
22.9	12.2	a		K=H	4
23.7	16.8	a		R	1
23.9	15.9	F	1742	K=H	1

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1893phae.proj..879F

1900 h m °	N.G.C.	1900 h m ° ′	1900 Mag.
21 33.5 −52.9	29622	21 33.1 −52 48	6.4
21 49.5 −52.7	29958	21 49.4 −52 56	6.5
21 53.7 −52.5	30083	21 54.4 −52 32	9
21 58.5 −52.7	30180	21 59.0 −52 37	9.2
22 7.6 −52.8	30352	22 7.2 −52 45	8
22 8.4 −52.8	30377	22 8.5 −52 42	7.8
22 10.7 −52.5	30409	22 10.7 −52 29	7.2
22 15.2 −52.9	30494	22 15.0 −52 44	8
21 41.2 −53.5	29768	21 41.1 −53 23	8.5
21 45.0 −53.2	29863	21 44.9 −53 12	8
22 8.6 −53.3	30383	22 8.8 −53 12	7.8
21 47.5 −53.6	29922	21 47.5 −53 36	8
21 50.0 −53.6	29969 29970	21 49.8 −53 31	8 7.5
21 55.5 −53.6	30096	21 55.0 −53 34	6.9
21 51.5 −54.1			
21 52.0 −54.5			
22 8.0 −54.1	30369	22 8.0 −54 5	8.5
22 11.5 −54.2	30425	22 11.7 −54 7	5.7
22 15.5 −54.5	30503	22 15.6 −54 21	7.4
21 37.0 −54.5	29699	21 36.9 −54 26	7.8
21 55.3 −54.7	30095	21 55.0 −54 38	7.2
22 10.2 −55.0	30408	22 10.7 −54 50	7.4
22 28.4 −55.0			
21 37.0 −54.9	29700	21 37.0 −54 57	7.1
21 45.5 −55.1			
21 51.5 −55.5	29999	21 51.1 −55 28	4.8
22 7.3 −55.9	30356	22 7.4 −55 48	8
22 4.5 −56.0			

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1893phae.proj..879F

May 15, 1893

Plate 5712

V. H. C. L. Rüst. Kolsiw Inst.

23.5	10.2	1f	2r	1
24.2	8.4	1f	2r	1
24.8	7.4	1f	2r	2
24.7	10.6	1f	2r	2

R.A. 22h 42m Dec. −51.6

Plate 5584

5.4	6.3	a	K=1f	3
4.1	22.8	2	K=1f	3
6.8	6.5	a	2r	2
6.5	9.4	F 1743	K=1f	1
6.7	11.6	F 1744	K=1f	1
6.7	13.2	2nf	K=1.2f	4
6.2	14.2	K	K=1f	3
7.0	14.5	a	K=.5f	2
6.0	17.5	a	2r	1
7.5	13.2	F 1745	K=1f	3
8.2	16.3	F 1746	K=f	1
9.0	17.8	a 1747	K=.5f	3
8.9	19.9	a	2r	2
9.9	9.3	a	K=f	1
9.7	11.2	2r a?	2r	1
10.0	16.7	F? 1748	K=f	3
9.9	17.3	G?	K=1f	3
11.0	7.2	f	2r	1
11.0	14.4	G	K=f	2
12.0	8.3	1f	2r	1
12.0	9.5	G	K=f	2

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1900		A.G.C. 1900	1900		
R.	D.	No.	R.A.	Dec.	Magn.
h m	°		h m	° ′	
21 44.0	−55.6	29837	21 43.7	−55 38	7.5
21 37.5	−55.9	29705	21 37.3	−55 56	7.0
21 33.7	−56.2	29628	21 33.5	−56 11	6.5
21 45.5	−56.3	29866	21 45.1	−56 15	7.5
22 17.0	−46.4	30534	22 16.9	−46 25	5.9
23 4.5	−45.8	31445	23 4.7	−45 47	3.9
22 17.1	−47.2	30542	22 17.2	−47 10	7.2
22 25.6	−47.1	30699	22 25.7	−47 5	7.2
22 32.0	−47.3	30831	22 32.1	−47 13	7.8
22 36.7	−47.4	30913	22 36.7	−47 24	2.2
22 39.6	−47.1	30974	22 39.8	−47 4	5.9
22 40.6	−47.4	30999 31000	22 40.8	−47 28	7 9.5
22 49.7	−46.9	31169	22 49.7	−46 52	7.5
22 36.8	−47.8	30909 30910	22 36.7	−47 43	6.5 10
22 46.5	−48.2	31113	22 46.5	−48 6	7.8
22 51.1	−48.5	31196	22 51.0	−48 30	6.1
22 57.5	−48.4	31306	22 57.2	−48 23	6.7
22 25.0	−48.9	30677	22 24.8	−48 49	7.8
22 30.5	−48.8	30802	22 30.6	−48 49	6.9
22 47.4	−49.2	31133	22 47.7	−49 8	6.3
22 49.5	−49.0	31161 31162	22 49.5	−49 2 0	6.8 7
22 18.1	−49.4	30556	22 18.2	−49 21	7.1
22 40.4	−49.5	30982	22 40.1	−49 30	6.7
22 21.0	−49.9	30614	22 21.2	−49 51	7.3
22 24.5	−50.0	30679	22 24.9	−49 56	6.8

1892phac.proj.879f

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1893phae.proj..879F

May 15, 1893

Plate 5584

V H Cl Rem. No. Kline Int.

12.0	19.1	a.		K=H	1
12.2	12.4	H		R	1
12.3	14.5	d		K=H	2
12.4	21.1	d		R	1
12.7	23.1	H		R	1
15.0	9.8	G		K=H	2
14.9	19.0	K		K=H	3
14.5	21.0	F	1750	K=H	3
16.0	7.9	H		R	1
15.4	15.1	a		K=2H	4
15.9	15.0	H		R	1
16.7	9.0	H		R	1
16.2	11.1	H		K=H	2
16.4	18.7	a		R	2
18.3	12.3	a		K=H	3
18.4	18.8	G		K=1.5H	4
19.0	19.3	H		R	1
19.8	14.3	K		K=H	3
20.5	6.1	F	1751	R	3
21.0	7.3	H		R	1
20.8 19.8 ?	21.8	19.8	d	K=H	2
	21.6	11.0	a	R	1
	22.1	6.0	F	1752 K=H	1
	23.0	14.4	H	R	1
	23.4	15.7	a	R	1
	23.5	22.1	a	R	1
	24.5	19.4	a	R	1

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1893phae.proj..879E

1900 h m	°
22 54.9	−50.0
22 33.7	−50.1
22 40.5	−50.2
23 1.1	−50.2
23 7.3	−50.2
22 25.0	−51.5
22 55.3	−51.5
23 1.5	−51.2
22 18.5	−52.0
22 42.5	−51.8
22 41.7	−52.1
22 22.0	−52.4
22 29.4	−52.1
22 54.1	−52.3
22 33.0	−53.2
22 55.0	−53.4
22 57.0	−53.7
22 39.5	−54.1
22 11.5	−54.2
22 15.5	−54.4
22 58.5	−54.5
22 28.0	−54.8
22 10.4	−55.0
22 39.6	−55.6
22 44.5	−55.8
23 8.0	−55.8
22 57.6	−56.3

A.G.C. No.	1900 R.A. h m	1900 Dec. ° ′	Magn.
31262	22 55.0	−49 59	7
30865	22 34.0	−50 7	7.5
30992	22 40.5	−50 12	6.5
31384	23 1.4	−50 9	6.6
31490	23 7.5	−50 10	6.8
30689	22 25.3	−51 27	7.1
31273	22 55.3	−51 29	5.9
31386	23 1.5	−51 14	7.2
31388			6.2
30573	22 19.0	−51 54	7.5
31044	22 42.5	−51 50	3.5
31030	22 42.0	−52 2	7.5
30629	22 22.2	−52 17	7
30780	22 29.4	−52 7	6.8
31248	22 54.3	−52 14	7.5
30847	22 33.0	−53 12	6.7
31263	22 55.0	−53 17	4.0
31301	22 56.8	−53 30	7.2
30968	22 39.5	−54 1	5.1
30425	22 11.7	−54 7	5.7
30503	22 15.6	−54 21	7.4
31340	22 58.8	−54 30	5.6
30745	22 28.0	−54 48	7.2
30408	22 10.7	−54 50	7.4
30975	22 39.9	−55 35	6.5
31080	22 44.5	−55 45	7.8
31482			
31323	22 58.0	−56 14	8.5

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1893phae.proj..879F

R.A. 22h 2m Dec. −41.9

May 15 1893

Plate 4042

V Ho Cl. Rev. Klinc Int.

3.5	10.2	A		K 1
4.7	9.2	H		K 1
5.6	12.0	K?		K 1
5.7	18.8	A		K 1
6.3	8.9	F	1753	K=H 1
6.9	10.2	A		K=.2H 3
6.9	12.4	A		K 1
7.2	9.2	A		K 5
7.9	10.5	A	1754	K=H 3
7.9	15.7	F	1755	K=H 2
7.5	16.8	F	1756	K=H 1
8.5	6.7	B		K=H 1
8.5	16.0	F	1757	K=H 1
9.0	16.2	A		K=H 2
8.4	21.5	H		K 1
9.7	5.5	B		K=H 1
9.5	5.7	A		K=H 1
9.7	7.7	E		K=H 1
9.2	11.4	B		K=H 3
10.4	9.8	F	1758	K=H 1
11.0	10.1	F	1759	K=H 1
10.1	13.4	E		K=H 1
10.8	21.2	A		K=.5H 2
10.8	22.7	B	2 1760	K=H 3
11.5	7.0	A		K 2
11.3	14.1	K		K=H 4
11.3	15.0	A		K 1

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1893phae.proj..879F

1900 h m °	A.G.C. No	1900 R.A. h m	1900 Dec. ° ′	Magn.
21 50.9 −36.0	30002	21 57.0	−35 50	7.3
21 48.4 −36.6	29942	21 48.3	−36 32	7.0
21 55.0 −37.1	30099	21 55.0	−37 2	6.9
22 12.8 −37.2	30443	22 12.4	−37 6	7.2
21 47.3 −37.4	29921	21 47.2	−37 22	7.0
21 50.5 −37.8	29989	21 50.4	−37 44	5.8
21 56.0 −37.8				
21 47.6 −37.9	29935	21 47.9	−37 50	3.0
21 51.0 −38.3	30004	21 51.0	−38 13	6.8
22 4.7 −38.3	30303	22 4.6	−38 15	7
22 7.6 −38.1				
21 41.5 −38.5	29780	21 41.5	−38 25	7.3
22 5.6 −38.6	30317	22 5.5	−38 33	7.8
22 6.1 −38.9	30333 30334	22 6.1	−38 48	7.8
22 19.5 −38.4	30585	22 19.3	−38 20	7.5
21 38.2 −39.0	29726	21 38.3	−39 0	6.5
21 39.0 −38.9	29735	21 38.8	−38 54	7.3
21 44.0 −39.2	29845	21 43.9	−39 4	7.8
21 53.3 −38.9	30054	21 53.2	−38 52	5.8
21 49.4 −39.6	29956	21 49.1	−39 28	8.5
21 50.2 −39.9	29980	21 49.9	−39 47	8
21 58.4 −39.4	30173	21 58.3	−39 22	7.8
22 18.7 −39.8	30570	22 18.7	−39 38	7.2
22 23.0 −39.7	30641	22 22.8	−39 38	5.8
21 42.0 −40.1				
22 0.4 −40.0	30239	22 0.1	−40 2	4.7
22 3.0 −40.0	30265	22 2.7	−39 57	8.5

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1893phae.proj..879F

May 15 1893

Plate 4042

d H Cl. Rem. K line Int.

11.4	15.8	a.		R 1
12.7	11.0	H		R 1
12.7	16.4	G	2 1761	K=H 2
14.7	15.2	F	1762	K=H 1
15.0	17.1	G		K=H 2
14.9	17.5	G		K=1.2H 3
15.2	8.9	H		R 1
15.7	11.2	H		R 1
15.5	17.8	G		K=1.2H 3
15.3	20.9	F	1763	K=H 2
17.2	12.0	F	1764	K=H 1
✓ Ask Mrs. F. 17.4	16.2	a		K=H 1
17.7	17.6	H		R 1
17.2	23.0	a		R 3
18.3	15.0	H		R 1
19.9	15.8	H		K=H 2
19.6	17.4	H		R 1
19.5	22.4	G		K=1.5H 4
19.2	23.5	H		R 1
20.0	22.5	Ra		R 3
20.4	11.4	H		K=H 2
20.1	14.1	H		R 1
21.0	17.4	g		K=H 2
20.7	22.9	a		R 2
21.4	14.8	a		K=H 1

oh 5 mm.

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1893phae.proj..879F

	1900
22	h 5.1 m −40.2 °
21	52.1 −40.8
22	6.5 −40.8
22	3.0 −41.9
22	8.7 −41.9
22	9.5 −41.9
21	45.6 −41.9
21	52.2 −42.2
22	10.4 −42.2
22	18.5 −41.9
21	54.0 −42.9
22	6.5 −43.1
22	10.0 −43.2
22	24.2 −42.8
22	2.4 −43.6
22	5.5 −44.3
22	9.5 −44.1
22	23.0 −44.0
22	26.0 −43.8
22	23.5 −44.3
21	52.2 −44.5
21	59.6 −44.5
22	9.5 −44.9
22	24.5 −44.7
21	59.4 −45.2

A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
30307	22h 5.0m	−40° 2′	8.5
30029	21 52.1	−40 38	8
30338	22 6.5	−40 42	6.9
30276	22 3.5	−41 43	7.8
30378	22 8.5	−41 51	6.8
30395	22 9.6	−41 51	5.0
29881	21 45.5	−42 8	8
30037	21 52.4	−42 12	7.0
30405	22 10.4	−42 8	5.4
30568	22 18.7	−41 56	6.7
30569			8.5
30084	21 54.4	−42 56	7.5
30342	22 6.6	−43 2	8
30672	22 24.3	−42 48	6.9
30258	22 2.5	−43 02	7
30311	22 5.3	−44 20	6.8
30391	22 9.4	−44 8	6.9
30647	22 23.3	−44 0	4.2
30712	22 26.3	−43 46	7.5
30657	22 23.8	−44 15	4.4
30035	21 52.4	−44 32	6.7
30203	21 59.9	−44 27	6.9
30393	22 9.4	−44 57	6.4
30676	22 24.7	−44 36	7.5
30200	21 59.9	−45 2	8

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May 17 1893

State 1495-8

23h 35m

D.H Cl. Rem. Nebulae Sect

✓	5.7	6.1	Oh	1765	H=H 3
✓	4.8	7.7	Oh	1766	K=H 2
✓	5.6	9.1	a		N 3
✓	4.9	10.9	a		N 1
✓	5.6	11.5	Oh	1763	K=H 1
✓	5.3	13.9	a		N 1
✓	5.6	14.5	a		N 2
✓	5.1	14.6	a		N 1
✓	5.4	14.7	B	1768	N 3
✓	5.6	14.8	a		N 3
✓	5.1	14.9	a		N 3
✓	5.6	15.3	a		N 2
✓	5.2	15.5	B	1769	N 5
✓	5.1	15.6	B	1770	N 3
✓	6.0	15.8	a		N 2
✓	5.2	15.9	a		N 2
✓	4.9	16.0	a		N 2
✓	5.9	16.3	a		N 2
✓	5.2	16.4	a		N 1
✓	5.9	17.3	a		N 2
✓	5.7	18.6	K		N 2
✓	5.4	19.0	a		N 1
✓	4.9	22.6	a		N 2
✓	6.9	6.2	a		N 1
✓	6.9	7.9	a		N 2
✓	6.5	14.3	a		N 1
✓	7.0	15.7	a		K=H 2
✓	6.3	15.2	B	1770a	N 3

Sept 21 1904

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A.G.C. 1900 1900

h	1900								A.G.C. No.	R.A.	Dec.	Magn.
10	20.6	−63.4	CPD −63° 1893	11	20	19.0	−63	17.0	6.0	AGC 15640	11 21.4	−63 25	5.7
10	13.3	−64.1	CPD −63° 1881	11	14	2.5	−63	54.0	6.8	15504	11 15.2	−63 42	6.8
10	6.3	−63.7	CPD −63° 1860	11	7	33.0	−63	29.3	5.7	15365	11 8.6	−63 37	5.7
10	58.5	−64.1	CPD −63° 1819	10	59	52.4	−63	56.6	7.3	15182	11 0.9	−64 5	7½
10	56.7	−63.8	CPD −63° 1794	10	56	54.5	−63	37.8	7.8	15108	10 57.9	−63 46	7
										14852	10 47.0	−63 57	8
10	43.5	−63.9	CPD −63° 1708	10	46	8.5	−63	49.0	8.1	~~14775~~	~~10 43.2~~	~~−63 52~~	~~5.8~~
10	~~43.5~~ 44.0	−63.6	CPD −63° 1672	10	43	18.5	−63	36.3	7.0	14800	10 44.2	−63 44	7.2
										14794	10 44.0	−64 1	7½
10	~~42.6~~ 43.8	−63.9	CPD −63° 1670	10	43	6.5	−63	53.5	7.0	~~14781~~	~~10 43.5~~	~~−63 44~~	~~8.2~~
										~~14769~~	~~10 42.8~~	~~−63 44~~	~~6.2~~
10	42.8	−63.7	CPD −63° 1655	10	42	17.5	−63	43.5	5.2	~~14764~~	~~10 42.7~~	~~−63 59~~	~~6.3~~
										14769	10 42.8	−63 44	
10	~~38.6~~ 42.5	−63.7	CPD −63° 1649	10	41	55.5	−63	36.2	5.8	~~14760~~	~~10 42.5~~	~~−63 31~~	~~9~~ 6.2
10	~~38.5~~ 42.1	−63.9	CPD −63° 1646	10	41	44.5	−63	51.4	5.9	14764	10 42.7	−63 59	6.3
10	40.2	−63.8	CPD −63° 1619	10	39	22.0	−63	35.7	6.9	14692	10 40.3	−63 44	6.6
10	40.0	−63.9	CPD −63° 1599	10	38	29.0	−63	44.5	3.8	14667	10 39.4	−63 52	2.9
										14653	10 38.7	−63 57	5.7
10	~~35.6~~ 38.9	−63.9	CPD −63° 1589	10	37	46.0	−63	48.7	5.0	~~14660~~	~~10 38.9~~	~~−63 53~~	~~8~~ 7
10	~~35.4~~ 37.9	−63.5	CPD −63° 1583	10	37	8.5	−63	27.1	7.5	14637	10 38.0	−63 35	8
10	~~36.6~~ 37.9	−63.9	CPD −63° 1573	10	36	41.5	−63	49.4	7.0	14631	10 37.6	−63 57	7.5
										14618	10 37.2	−64 8	7¾
10	~~34.6~~ 37.5	−64.1	CPD −64° 1408	10	36	19.5	−64	0.1	7.3	~~14631~~	~~10 37.6~~	~~−63 57~~	~~7.5~~
10	~~33.7~~ 35.9	−63.6	CPD −63° 1542	10	34	59.5	−63	27.6	7.0	14587	10 35.9	−63 36	7.0
10	~~32.6~~ 35.8	−64.0	CPD −63° 1534	10	34	30.5	−63	50.9	7.3	14575	10 35.4	−63 59	7.5
10	~~27.6~~ 31.8	−63.6	CPD −63° 1501	10	30	39.5	−63	29.2	8.1	14470	10 31.5	−63 37	8
			CPD 1503			40.5		28.9	8.4	14472	10 31.6		8.5
10	~~24.7~~ 26.9	−63.7	CPD −63° 1440	10	24	42.5	−63	31.9	8.1	14337	10 25.5	−63 40	6.1
10	23.5	−63.8	CPD −63° 1411	10	22	39.0	−63	43.0	7.8	14293	10 23.5	−63 51	8.2
10	7.0	−63.8	CPD −63° 1319	10	6	40.0	−63	46.1	7.1	13905	10 7.4	−63 53	7.5
10	20.5	−62.9	CPD −62° 2003	11	19	4	−62	44.8	7.5				
10	13.0	−63.0	CPD −62° 1959	11	12	11.5	−62	47.6	7.5	15471	11 13.3	−62 56	7¾
10	44.5	−63.3	CPD −63° 1682	10	44	3.5	−63	10.4	8.3	14845	10 44.4	−63 21	8
10	38.0	−63.0	CPD −62° 1720	10	37	29.5	−62	51.2	8.0	14645	10 38.4	−62 59	8
			CPD −63° 1623	10	39	35.5	−63	18.3	5.6	14702	10 40.5	−63 26	5.6

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V. H. Cl. Refr. Nr. Klinefelter.

✓	6.5	16.3	a		K=H 1
✓	7.9	5.7	a		N 1
✓	8.0	7.8	a		N 1
✓	7.9	13.4	a		K=H 1
✓	7.5	14.8	G?		K=H 1
✓	8.0	16.7	G	1991	K=H 1
✓	8.0	16.1	a		N 1
✓	7.6	16.8	a		N 3
✓	7.9	19.1	H		N 1
✓	7.3	19.3	a		N 2
✓	7.2	20.6	G	1992	K=H 1
✓	8.9	10.2	K		K=H 3
✓	9.0	11.8	H		N 1
✓	8.3	13.7	a		K=H 1
✓	8.8	14.0	a		N 2
✓	8.8	18.8	a		N 1
✓	8.6	21.9	a		N 2
✓	8.9	23.7	a		N 3
✓	9.9	9.7	G?	1993	N 3
✓	9.8	19.3	G		K=H 1
✓	9.7	20.3	a		N 1
✓	10.3	7.2	a		N 1
✓	10.6	8.2	a		N 1
✓	10.7	9.6	a		N 2
✓	10.2	10.1	a		N 1
✓	10.9	10.6	H		N 1
✓	10.8	11.3	a	1994	N 1

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h 1900	m	s	°							A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
10	35.5	−63.	2	6HD	−63° 1544	10	35.0	−63	7.6 8.1				
10	22.0	−62.	3	CPD	−62° 2018	11	21 17.0	−62	7.8 8.2	15657	11	22.4	−62 2 16 8¼
10	12.6	−62.	4	6HD	−62 1953	11	11.8	−62	10.8 8.2				
10	49.0	−62.	6	CPD	−62° 1794	10	48 13.5	−62	25.4 7.9	14901	10	49.2	−62 33 8.5
10	42.5	−62.	8	CPD	−62° 1749	10	41 49.0	−62	38.3 8.1	14765	10	42.7	−62 46 7.8
10	34.5	−62.	4	CPD	−62° 1679	10	33 39.0	−62	24.4 8.2	14552	10	34.5	−62 32 8.2
10	27.9	−62.	4	6HD	−62° 1621	10	27.1	−62	19.8 8.4				
10	25.0	−62.	7	CPD	−62° 1595	10	24 3.5	−62	31.5 6.8	14324	10	24.9	−62 40 7
10	24.4	−62.	5	CPD	−62° 1589	10	23 21.0	−62	23.0 8.4	14306	10	24.2	−62 31 8.9
10	22.6	−62.	8	CPD	−62° 1577	10	22 3.5	−62	39.8 7.5	14280	10	22.9	−62 48 7.5
10	17.0	−62.	8	6HD	−62° 1531	10	16.3	−62	42.5 7.8				
11	2.6	−61.	9	CPD	−61° 2067	11	1 24.0	−61	44.9 6.7	15222	11	2.4	−61 53 5.3
10	56.0	−61.	9	CPD	−61° 2011	10	54 39.0	−61	48.9 8.8	15056	10	55.6	−61 57 7
10	47.5	−62.	4	CPD	−62° 1787	10	46 54.5	−62	14.5 7.9	14867	10	47.8	−62 23 8
10	46.0	−62.	2	CPD	−61° 1908	10	45 28.0	−61	58.5 7.5	14840	10	46.4	−62 6 7.5
10	25.5	−62.	1	CPD	−61° 1476 1477	10	24 30.0 30.5 31.5	−61	56.9 8.6 56.6 8.7 54.5 9.2	14380 14331 14332	10	25.4	−62 5 8.2 3 7.8
10	12.0	−62.	0	CPD	−61° 1553	10	11 30.5	−61	54.8 7.2	14033	10	12.3	−62 2 7.5
10	4.5	−61.	7	CPD	−61° 1479	10	4 2.0	−61	36.5 6.8	13845	10	4.8	−61 44 6.9
11	4.5	−61.	5	CPD	−61° 2075	11	3 21.0	−61	16.3 6.0	15269	11	4.4	−61 24 6.0
10	24.0	−61.	4	CPD	−61° 1659	10	22 51.5	−61	22.6 8.2	~~14297~~ 14299	10	23.8	−61 31 8?
10	19.1	−61.	6	CPD	−61° 1612	10	18 24.0	−61	26.3 8.0	14200	10	19.2	−61 34 8
11	14.5	−61.	2	6HD	−60° 2808	11	13.5	−60	58.0 8.3				
11	10.1	−61.	1	CPD	−60° 2713	11	9 1.5	−60	54.6 7.2	15392	11	10.1	−61 2 8.5
11	4.6	−61.	0	CPD	−60° 2558	11	3 35.0	−60	52.9 7.5	15274	11	4.6	−61 1 9.5
11	3.0	−61.	4	6HD	−61° 2064	11	2.8	−61	10.9 8.6				
11	0.0	−61.	0	CPD	−60° 2499	10	59 21.0	−60	48.8 8.4	15169	11	0.4	−60 57 7.8
10	57.1	−61.	0	CPD	−60° 2460	10	56 35.0	−60	53.4 7.8	15098	10	57.6	−61 1 8

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S H bl. Rem. Mt. Klum Swk.

✓	10.6	12.5	a	1335	N 2
✓	10.5	12.6	a	1336	N 1
✓	10.3	13.0	I.		N 2
✓	10.3	13.2	a	1337	N 2
✓	10.1	14.9	a		N 2
✓	10.9	15.0	a	1338	N 1
✓	10.4	18.2	a		N 5
✓	10.3	18.4	a		N 1
✓	10.6	18.5	a		N 1
✓	11.0	18.6	ma?		N 1
✓	10.6	20.0	a		N 2
✓	10.6	20.2	H		N 1
✓	10.8	21.8	K		K=1SHB
✓	10.2	22.6	a		N 2
✓	10.4	23.0	a		N 2
✓	10.2	23.6	H		N 2
✓	10.9	24.2	a		N 2
✓	11.4	6.3	F	1339	K=H 2
Read 9.2 not 1928	11.9	19.2	O		N 2
✓	12.0	9.4	a		N 1
✓	11.2	9.8	a	1340	N 1
✓	11.8	10.1	a		N 1
✓	11.4	10.2	a		N 1
✓	11.8	10.4	a	1341	N 2
✓	11.5	11.3	E		K=H 1
✓	11.3	11.7	a		N 3
✓	11.7	12.0	a		N 1

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h 1900	°								A.G.C. No.	1900 R.A.	1900 Dec.	Magn.	
10 52.5	−61.1	CPD	−61° 1975	10	51	38.5	−61	2.6	7.3	14981	10 52.6	−61 10	7.5 ✓
10 52.0	−61.2	~~CPD~~	−61° 1969	10	51	37.3	−61	2.5	8.3				
10 50.5	−61.3	CPD	−61° 1960	10	49	35.5	−61	9.6	8.1	14982	10 50.6	−61	8
10 49.1	−61.1	CPD	−61° 1951	10	48	48.3	−61	0.2	7.9	14911	10 49.8	−61 8	9.5
10 42.1	−61.4	CPD	−61° 1865	10	41	29.5	−61	17.0	7.3	14755	10 42.4	−61 25	7.8 ✓
10 41.9	−61.1	CPD	−60° 2265	10	41	1.1	−60	56.9	8.3 ✓				
10 29.0	−61.2	CPD	−61° 1704	10	27	34.0	−61	2.5	4.1	14392	10 28.5	−61 11	3.6 ✓
10 27.5	−61.1	~~CPD~~	−60° 1948	10	26	5	−60	58.4	8.0	~~14362~~	~~10 27.1~~	~~−60 51~~	~~6.9~~
10 27.5	−61.0	~~CPD~~	−60° 1948	10	26	7	−60	56.1	8.0 ✓	~~14360~~	~~10 27.0~~	~~−60 50~~	~~8.2~~
10 27.5	−60.8	CPD	−60° 1944	10	26	7.5	−60	41.7	7.4	14362	10 27.1	−60 51	6.9
10 21.0	−61.1	CPD	−60° 1890	10	20	5.0	−60	55.1	7.5	14239	10 21.0	−61 3	7.5
10 20.0	−61.1	CPD	−60° 1881	10	19	24.5	−60	56.1	8.6	14211	10 20.0	−61 3	8.2
10 14.0	−60.8	CPD	−60° 1817	10	12	54.0	−60	42.4	6.1	14054	10 13.7	−60 50	3.3 ✓
10 10.0	−61.2	CPD	−61° 1517	10	9	17.8	−61	2.4	6.8	13964	10 10.1	−61 9	6.9 ✓
10 8.5	−61.0	CPD	−60° 1742	10	7	47.5	−60	55.5	7.3	13932	10 8.6	−61 2	7.8 ✓
10 6.5	−61.1	CPD	−60° 1701	10	5	22.5	−60	56.2	8.4	13882	10 6.2	−61 3	var. ✓
10 4.0	−60.7	CPD	−60° 1673	10	3	3.0	−61	36.2	7.6	13823	10 3.9	−60 43	7.5 ✓
11 16.0	−60.6	CPD	−60° 2814	11	13	53.5	−60	24.8	8.1	15524	11 16.0	−60 33	7.2 ✓
10 2.9	−60.3	CPD	−60° 2578	11	4	48.5	−60	18.0	8.0	15305	11 5.8	−60 26	8
										~~14328~~	~~10 25.3~~	~~−60 23~~	~~7.5~~
11 5.0	−60.3	CPD	−60° 2561	11	3	41.0	−60	14.2	8.3	15276	11 4.7	−60 22	8.5 ✓
11 4.0	−60.8	~~CPD~~	−60° 2520	11	1.0	19.5	−60	42.3	8.4	~~15258~~	~~11 3.9~~	~~−60 17~~	~~8~~
11 1.9	−60.4	CPD	−60° 2522	10	59	57.0	−60	22.7	8.2	15209	11 1.9	−60 31	8.5 ✓
11 2.0	−60.7	CPD	−60° 2520	10	59	57.0	−60	34.0	8.4	15210	11 2.0	−60 42	9 ✓
11 0.8	−60.3	CPD	−60° 2506	10	59	45.0	−60	22.6	7.6	15176	11 0.8	−60 31	8 ✓
10 57.0	−60.6	CPD	−60° 2455	10	56	5.0	−60	33.0	8.1	15087	10 57.1	−60 41	8.5 ✓
10 55.4	−60.8	CPD	−60° 2433	10	54	11.0	−60	39.0	6.0	15040	10 55.2	−60 47	7.0 ✓
10 53.0	−60.6	CPD	−60° 2410	10	52	5.0	−60	31.1	8.8	14995	10 53.3	−60 34	9.2 ✓

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D H bl. Rem. Kline Int.

✓	11.2	13.6	a		N	2
✓	11.4	13.9	a		N	2
✓	11.7	14.3	a		N	1
✓	11.3	15.0	a		N	1
✓	11.6	15.6	a		N	3
✓	12.0	15.7	a		N	2
✓	11.9	15.9	a		N	1
✓	11.9	16.5	& B	1782	N	2
✓	11.8	17.7	g		K-H	2
✓	11.2	18.7	a		N	1
✓	12.0	19.1	D	1763	K-H	1
✓	12.6	21.4	a		N	1
✓	13.0	8.4	Q	1784	K-H	3
✓	12.0	8.5	a		N	1
✓	12.9	8.5	a		N	2
✓	13.0	8.9	Q	1785	N	2
✓	12.2	9.6	a	1756	N	2
✓	12.7	10.6	a		N	1
✓	12.1	10.8	a		N	2
✓	12.5	11.0	a		N	1
✓	13.0	12.5	E		K-H	1
✓	12.9	12.7	x		K-H	2
✓	12.5	12.9	a		N	1
✓	12.4	13.2	a	1787	N	2
✓	12.8	13.9	a		N	1
✓	12.8	14.6	?	12.8	13.6	E	K-H	1
✓	12.9	14.7	a		N	1

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								A.G.C. 1900	1900	
1900								No.	R.A.	Dec. Magn.
h m										
10 48.4	−60.9	CPD −60° 2354	10	47.8	−60	46.0	7.8			
10 47.0	−60.8	CPD −60° 2317	10	45	49.5	−60	36.4	7.5	14846	10 46.8 − 60 44 8
10 44.6	−60.6	CPD −60° 2300	10	43.8	−60	29.0	8.3			
10 40.6	−60.8	CPD −60° 2240	10	39.7	−60	42.4	8.3			
10 39.8	−60.7	CPD −60° 2203	10	38	27.0	−60	30.9	6.4	14668	10 39.4 − 60 37 8.5
10 39.4	−60.4	CPD −60° 2199	10	38	21.0	−60	20.0	7.7	14663	10 38.2 − 60 28 7.5
10 38.5	−60.5	CPD −60° 2176	10	37.3	−60	24.7	8.6			
10 35.9	−60.4	CPD −60° 2122	10	34	50.5	−60	20.0	7.2	14583	10 35.7 − 60 28 7.1
10 31.1	−60.5	CPD −60° 1983	10	29	40.3	−60	20.6	8.2	14441	10 30.6 − 60 29 6.9
10 27.5	−60.9	CPD −60° 1944	10	26	7.5	−60	41.7	7.4	14362	10 27.1 − 60 51 6.9
10 25.5	−60.3	CPD −60° 1925	10	24	22.5	−60	15.3	8.0	14328	10 25.3 − 60 23 7.5
10 16.0	−60.5	CPD −60° 1842	10	15	0.5	−60	28.8	8.0	14110	10 15.8 − 60 37 8.5
11 8.5	−59.8	CPD −59° 3190	11	7	12.5	−59	38.3	5.1	15356	11 8.3 − 59 46 5.2
11 8.3	−60.4	CPD −60° 2662	11	7	18.5	−60	14.6	8.4	15358	11 8.4 − 60 23 8.5
		CPD −59° 3165	11	6	19.0	−59	38.0	7.3	15335	11 7.4 − 59 46 7.5
11 6.5	−59.9	CPD −59° 3056	11	5	23.5	−59	42.4	7.6	15313	11 6.5 − 59 50 7.8
11 3.6	−60.4	CPD −60° 2546	11	2	52.0	−60	9.0	8.0	15258	11 3.9 − 60 17 8
10 59.5	−60.0	CPD −59° 2988	10	58	35.5	−59	54.3	8.2	15138	10 59.1 − 60 8 9
10 59.0	−60.4	CPD −60° 2478	10	57	58.5	−60	14.2	8.7	15135	10 59.0 − 60 22 7.2
10 58.4	−60.2	CPD −60° 2469	10	57	12.5	−60	5.3	8.8	15133	10 58.9 − 60 17 8.5
10 52.1	−59.9	CPD −59° 2860	10	51	10.5	−59	47.1	7.6	14969	10 52.2 − 59 51 7.8
10 51.5	−60.0	CPD −59° 2840	10	50	18.0	−59	51.1	7.5	14955	10 51.3 − 59 59 var.
10 50.0	−60.1	CPD −60° 2368	10	48	25.0	−60	5.5	8.8	14928	10 50.0 − 60 9 8.8
10 49.0	−60.2	CPD −60° 2359	10	48	20.0	−60	9.0	7.6	14903	10 49.3 − 60 17 7.8
10 46.2	−60.1	CPD −59° 2772	10	45	4	−59	58.7	8.3		
10 43.9	−60.1	CPD −59° 2712	10	42	8	−59	57.7	8.1		
10 43.5	−60.0	CPD −59° 2693	10	42	3	−59	55.0	8.2		

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& H Cl. Rütt Klinckfuß.

✓	12.5	14.9	a		K=0.1 H	3
✓	12.5	15.5	K		K=H	3
✓	13.0	16.3	B	1788	K=H	1
	12.2	19.8	a		N	1
	12.9	22.9	a		N	2
Ask Mrs. F.	12.5	24.0	a		N	1
✓	12.3	6.3	E		K=H	1
✓	13.1	6.9	a	1789	K=H	1
✓	13.4	7.7	a	1790	N	2
Saw t finds a. Has no spectra.	13.2	8.6	a		N	2
✓	13.6	9.0	a	1791	N	2
✓	13.4	9.6	a		N	1
✓	14.0	9.9	a	1792	N	2
✓	13.9	10.0	D	1793	N	3
✓	13.3	11.1	a		N	1
✓	13.2	13.0	a	1794	K=H	1
✓	14.0	13.7	a		N	3
✓	13.5	14.4	a	1795	N	2
✓	14.0	14.5	a	1796	N	3
✓	13.8	14.9	a		N	1
✓	13.6	15.0	a		N	1
~~Ask Mrs. F.~~ ✓	13.9	15.3	a	1797	N	3
✓	13.9	15.4	O		N	3
✓	14.0	16.1	a		N	2
✓	13.6	17.3	a		N	1
	13.5	17.7	a		N	1
	13.6	17.8	a		N	1

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1900			A.G.C.	1900	1900	
			No.	R.A.	Dec.	Magn.
10h 42.7m	− 60.1°	CPD −59° 2671	10 41 29.2	−59 56.8	6.7	14754 10h 42.5m − 60° 5′ 7 ✓
10 39.5	− 60.1	CPD −59° 2532	10 38 47.0	−59 54.8	7.3	14673 10 39.7 − 60 3 5.2 ✓
10 36.1	− 60.0	CPD −59° 2408	10 35.5	−59 50.8	8.8 ✓	
		CPD −59° 2409			49.3	8.7
10 23.0	− 60.2	CPD −60° 1902	10 21 22.5	−60 11.9	8.1	
		~~CPD −59° 3376~~	~~11 15.4~~	~~−59 28.6~~	~~8.0~~	
10 10.1	− 59.9	CPD −59° 1976	10 9 28.5	−59 38.6	7.8	
		CPD −59° 1922	10 5 3.0	−59 48.1	8.5	13869 10 5.9 −59 55 8¼
11 17.0	− 59.5	CPD −59° 3376	11 15.4	−59 28.6	8.0 ✓	15540 11 16.5 − 59 37 8 ✓
11 14.1	− 59.7	CPD −59° 3334	11 13.0	−59 33.6	8.1 ✓	15487 11 14.1 − 59 42 8 ✓
11 11.0	− 59.7	CPD −59° 3259	11 9.8	−59 28.9	8.0 ✓	15415 11 10.9 − 59 37 8 ✓
11 7.7	− 59.8	CPD −59° 3165	11 6 19.0	−59 38.0	7.3	15335 11 7.4 − 59 46 7.5?
11 5.7	− 59.5	~~CPD −59° 3100~~	~~11 4.7~~	~~−59 25.0~~	~~7.7~~ ✓	~~15304 11 6.9 − 59 42 8.5~~
11 4.0	− 59.7	CPD −59° 3078	11 2 54.5	−59 34.0	8.4	15260 11 3.9 − 59 42 8.5 ✓
11 3.0	− 59.3	CPD −59° 3057	11 1 58.5	−59 11.8	7.7	15235 11 3.0 − 59 20 8 ✓
11 2.0	− 59.4	CPD −59° 3038	11 0 51.0	−59 16.4	7.2	15204 11 1.9 − 59 25 7.3 ✓
10 57.5	− 59.8	CPD −59° 2952	10 56 36.5	−59 39.2	~~8.4~~	15100 10 57.6 − 59 47 9 ✓
10 50.0	− 59.8	CPD −59° 2822	10 49 7.5	−59 41.1	8.6	14930 10 50.1 − 59 49 8 ✓
10 47.0	− 59.4	CPD −59° 2784	10 46. 2.0	−59 17.6	7.2	14850 10 47.0 − 59 216 7 ✓
10 45.0	− 59.8	CPD −59° 2732	10 43 44.5	−59 33.7	7.4	14811 10 44.8 − 59 42 7.8 ✓
10 44.4	− 59.4	CPD −59° 2672	10 39 34.0	−59 20.1	7.0	14797 10 44.2 − 59 24 6.7 ✓
10 44.0	− 59.4	~~CPD −59° 2696~~	~~10 42 21.0~~	~~−59 26.2~~	~~8.8~~	14788 10 43.8 − 59 34 8½
10 42.0	− 59.7	CPD −59° 2659	10 41 2.5	−59 32.0	8.6	14745 10 42.0 − 59 40 8.2 ✓
		CPD −59° 2590	10 39 48.0	−59 26.0	8.2	14698 10 40.6 − 59 28 6.8
10 40.0	− 59.7	CPD −59° 2548	10 39 4.5	−59 27.7	6.8	14684 10 40.1 − 59 36 6.9 ✓
10 37.0	− 59.5	CPD −59° 2447	10 36 28.0	−59 19.2	7.6	14623 10 37.4 − 59 27 7.8 ✓
10 32.2	− 59.8	CPD −59° 2292	10 31 32.0	−59 32.0	8.0	14500 10 32.4 − 59 40 8.2 ✓
10 31.1	− 59.8	CPD −59° 2235	10 30 12.8	−59 37.7	8.2	14456 10 31.1 − 59 40 9
10 31.1	− 59.8	CPD −59° 2239	10 30 5.7	−59 37.7	8.6	14451 10 31.0 − 59 46 8.8

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G H Cl Rem. Klinkerfues

	13.6	18.1	a		K=0.5H	2
	14.0	18.3	a		N	1
	13.6	19.1	a		N	1
	13.8	19.8	a		N	1
	13.6	22.5	a		K=0.3H	8
	13.8	23.2	a		N	3
✓	14.5	6.4	a		N	1
✓	14.1	7.1	a		K=H	2
✓	14.5	8.2	B?	1798	N	3
✓	14.5	8.4	a	1799	N	2
✓	14.9	9.0	a		N	2
✓	14.6	10.3	a		N	1
✓	14.3	10.4	a		N	2
✓	14.3	10.5	a	1800	N	1
✓	14.5	10.9	a	1801	N	2
	14.9	11.6	a		N	1
	14.8	11.7	a		N	1
	14.5	12.2	G		K=1.2H	3
	14.9	13.2	a		N	1
	14.7	14.1	a		N	1
	14.2	14.6	a	1802	N	3
	14.3	14.7	a		N	3
	14.6	15.3	a		K=H	3
	14.9	15.4	B	1803	N	2
	14.9	15.6	B?	1804	N	3
	14.6	16.0	K		N	3
	14.9	16.4	H		N	1

Arch. Mus. F.
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1900								A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m s	°								h m	° ′	
10 29.2	-57.6	CPD	-59° 2208	10 28 22.5	-59 28.1	7.6		14409	10 29.3	-59 36	7.5
10 28.9	-57.4	CPD	-59° 2198	10 27 52.0	-59 13.4	8.1		14400	10 28.8	-59 21	8.2
10 25.7	-57.5	CPD	-59° 2160	10 24 30.0	-59 27.5	8.1					
10 24.0	-57.4	CPD	-59° 2132	10 22 2.5	-59 20.4	8.3					
10 12.9	-57.4	CPD	-59° 2005	10 11 47.0	-59 16.3	7.1		14038	10 12.7	-59 24	6.9
10 9.9	-57.5	CPD	-59° 1974	10 8 47.5	-59 18.0	6.4		13947	10 9.6	-59 25	6.6
11 16.0	-59.0	CPD	-58° 3477	11 14.5	-58 53.1	8.2	✓				
11 13.2	-59.2	CPD	-59° 3301	11 11 46.5	-59 5.3	7.7		15461	11 12.9	-59 13	7.8 ✓
11 9.5	-59.1	CPD	-58° 3315	11 8 6.0	-58 56.4	6.4		15377	11 9.2	-59 4	6.6 ✓
11 9.0	-59.1	CPD	-59° 3193	11 7 25.5	-59 0.0	7.6	✓	15360	11 8.5	-59 8	7.5 ✓
11 6.4	-58.9	CPD	-58 3231 3232	11 4.9	-58 50.1 51.6	8.3 8.4		15146	10 59.5	-58 54	9.2
11 0.7	-59.1	CPD	-59° 3019	10 59 49.3 44.9	-59 2.4 11.1	9 7.2		15178 15180	11 0.8	-59 10	8.2
11 0.5	-59.3	CPD	-59° 3017 2996	10 59 44.0 12.5	-59 1 11.8 7 8.2			15175	11 0.7	-59 19	7.1 ✓
11 0.1	-59.3	CPD	-59° 2996	10 59 12.5	-59 11.8	8.2		15163	11 0.2	-59 20	8 ✓
10 58.4	-59.2	CPD	-59° 2972	10 57 35.0	-59 4.2	7.6		15123	10 58.6	-59 12	7 ✓
10 56.0	-59.0	CPD	-58° 2918	10 54 44.0	-58 54.3	8.4		15059	10 55.7	-59 2	8.5
10 55.5	-59.1	CPD	-58° 2916	10 54 23.5	-58 57.5	8.4		15046	10 55.4	-59 6	9
10 53.9	-59.2	CPD	-59° 2888	10 52 44.0	-59 4.0	7.9		15004	10 53.7	-59 12	7.0
10 50.1	-59.0	CPD	-58° 2848	10 48 52.5	-59 55.0	8.7					
10 45.8	-59.3	CPD	-59° 2755 2750	10 44 22.5 25.5	-59 3.7 4.0	8.8 9.4		14825 14826	10 45.4	-59 12	8.8 10
10 40.5	-59.5	CPD	-59° 2720	10 43 11.5	-59 15.5	6.8		14797 14698	10 44.2 40.6	-59 24 -59 28	6.7 6.8
10 44.0	-59.4	CPD	-59° 2713	10 42 50.5	-59 12.9	6.4		14788 14697	10 43.9 44.2	-59 21 -59 24	7 6.7
10 41.4	-59.2	CPD	-59° 2620	10 40 13.0	-59 1.6	8.4		14720 14728	10 41.2 41.4	-59 10 -59 12	var 9.2
		CPD	-58° 2661	10 39 54.0	-58 54.6	7.7		14717	10 40.9	-59 2	7 3/4
		CPD	-58° 2631	10 39 18.5	-58 55.3	7.8		14690	10 40.3	-59 3	8 1/4
10 37.3	-59.1	CPD	-59° 2450	10 36 31.0	-59 1.5	6.8		14626	10 37.4	-57 9	7.2
10 36.4	-59.1	CPD	-58° 2524	10 36 48.5	-58 53.4	8.7		14605	10 36.7	-59 1	8.2

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D H Cl. Rem. Nebs. Kline Int.

14.9	17.5	T.			K=H	3
15.0	16.3	T.	18 05 22		K=H	1
14.3	15.3	a			N	1
14.6	19.3	T.	18 06 22		K=H	1
14.2	21.0	a			N	1
14.3	21.6	a			K=H	1
15.0	23.9	a			K=H	1
15.0	24.1	a			N	2
16.1	5.0	a			N	1
15.5	5.1	a			N	1
15.3	6.5	a			N	2
15.3	7.0	a			N	3
15.5	7.1	a			N	3
16.0	7.5	a			N	1
16.0	7.8	a			N	1
15.1	8.6	a			N	2
15.8	9.4	Inv.	2		K=1.2H	8
15.5	10.0	a			N	1
15.3	10.1	a			N	1
16.0	10.3	a			N	2
15.2	10.7	a			N	1
15.8	10.8	a			N	1
16.0	11.5	a			N	2
15.2	11.8	a			N	1
15.7	11.8	a			N	2
15.9	13.5	a			N	1
15.4	13.8	a			N	1

Intended H=6.0 ?
Ask Mr. F

Intended H=5.5 ?
"

"

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Ask Mr. F.

" " "

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1900								A.G.C. No.	1900 R.A.	1900 Dec.	Magn.
h m s	° ′ ″								h m s	° ′ ″	
10 33.0	−59.1	CPD	−58° 2371	10 31 39.5	−58 55.0	7.3		14504	10 32.6	−59 3	5.5
10 29.9	−58.9	CPD	−58° 2295	10 28 48.5	−58 46.5	8.2		14422	10 29.7	−58 54	8
10 29.2	−59.3	CPD	−59° 2010	10 28 30.0	−59 8.2	8.2		14407	10 29.2	−59 17	9.2
10 25.3	−59.1	CPD	−58° 2245	10 24 33.5	−58 58.3	8.4		14333	10 25.5	−59 6	8
10 18.7	−59.1	CPD	−59° 2080	10 17 56.0	−59 7.5	7.6		14189	10 18.8	−59 15	7.8
10 16.7	−59.0	CPD	−59° 2054	10 15 49.0	−59 1.7	8.1		14135	10 16.8	−59 B	8
10 8.3	−58.7	CPD	−58° 1984	10 7 33.5	−58 32.3	8.1		13928	10 8.5	−58 39	8
10 7.8	−58.7	CPD	−58° 1967	10 6 41.0	−58 32.2	7.7		13913	10 7.8	−58 40	8.5
		CPD	−58° 3496	11 15 24.5	−58 1.3	8.1					
		CPD	−58° 3557	11 17 54.5	−58 23.8	8.0		15586	10 19.0	−58 32	7½
		CPD	−58° 3475	11 14 27.0	−58 30.2	7.8		15516	11 15.6	−58 38	7½
11 13.2	−58.6	CPD	−58° 3431	11 12 17.5	−58 31.4	7.3		15464	11 13.1	−58 33	7.1
		CPD	−58° 3424	11 11 57.5	−58 25.4	7.3		15464	11 13.1	−58 33	7.1
11 11.5	−58.3	CPD	−58° 3388	11 10 19.5	−58 12.4	8.4		15432	11 11.4	−58 20	8.2
11 10.1	−58.3	CPD	−58° 3352	11 9 4.5	−58 10.9	8.6		15393	11 10.1	−58 19	9
11 7.7	−58.9	CPD	−58° 3261	11 6 18.5	−58 42.9	8.3		15334	11 7.4	−58 51	8.2
11 3.0	−58.4	CPD	−58° 3189	11 3 14.0	−58 17.8	6.2		15284	11 3.0	−58 22	8.2
11 0.5	−58.5	CPD	−58° 3096	11 0 49.5	−58 33.9	7.9		15174	11 0.7	−58 29	8.2
11 1.7	−58.8	CPD	−58° 3083	11 0 34.5	−58 39.1	8.6					
11 0.0	−58.3	CPD	−58° 3039	10 59 42.5	−58 20.6	8.1		15158	11 0.1	−58 14	7.8
		CPD	−58° 2992	10 58 28.0	−58 45.6	8.2		15146	10 59.5	−58 54	9¼
		CPD	−58° 2975	10 57 52.0	−58 26.2	8.2		15130	10 58.9	−58 34	8½
10 56.0	−58.3	CPD	−58° 2926	10 55 13.0	−58 18.7	7.8		15068	10 56.2	−58 27	8.2
10 55.0	−58.9	CPD	−58° 2907	10 53 55.0	−58 29.8	7.8					
10 55.1	−58.6	CPD	−58° 2904	10 54 58.0	−58 42.6	7.8		15034	10 55.0	−58 38	9
		CPD	−58° 2816	10 47 35.0	−58 31.0	8.4		14887	10 48.6	−58 39	8½
		CPD	−58° 2795	10 46 32.0	−58 29.3	8.2		14858	10 47.5	−58 37	8½

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	15.6	14.0	a		N 1
ask Mr. F	15.3	14.3	a		N 3
	15.4	15.0	a		N 1
	15.2	15.2	H	07	K-H 2
" " "	15.8	15.9	a		N 1
" " "	15.8	15.8	a		N 1
	15.5	15.9	a	08	N 3
	15.6	16.3	a		N 1
	15.4	16.9	a		N 1
	15.4	17.0	a		N 3
	15.8	17.1	a		N 2
	15.7	17.3	a		N 1
	15.3	17.5	a		N 2
	15.5	17.5	a		N 2
	16.0	19.8	a		K-H 4
	15.9	19.1	a		N 1
	16.0	19.6	H		N 1
	16.0	20.4	a		N 2
	15.3	20.8	H		N 1
	15.2	21.8	a		N 2
	16.0	21.3	a		N 1
	16.0	22.4	a		N 1
	15.8	22.7	a		N 1
	15.6	24.0	H		N 2
ask Mr. F.	17.0	5.5	a		N 2
" " "	16.8	5.9	H		K-H 2
" " "	17.0	6.1	H		N 1

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1900			A.G.C. 1900 1900 No. R.A. Decl. Magn.
h m °	CPD		
10 45.6 −58.9	CPD	−58° 2779 10 45 42.5 −58 33.1 8.5	~~14827 10 45.5 −58 48 6.7~~
	CPD	−58° 2755 10 44 27.0 −58 39.8 5.9	14827 10 45.5 −58 48 6.7
10 42.1 −58.9	CPD	−58° 2692 10 41 19.5 −58 39.6 8.0	147~~44~~ 10 42.8 −58 58 7.8
10 42.0 −58.9	CPD	−58° 2680 10 40 52.0 −58 45.1 7.6	14741 10 41.9 −58 53 7.8
	CPD	−58° 2612 10 38 58.0 −58 26.7 8.2	
	CPD	−58° 2602 10 38 38.5 −58 26.7 8.8	
10 39.0 −58.8	CPD	−58° 2581 10 37 50.5 −58 33.6 5.7	14656 10 38.9 −58 42 6.5
10 37.6 −58.7	CPD	−58° 2538 10 36 20.5 −58 35.6 8.2	14620 10 37.4 −58 44 7.8
10 35.1 −58.7	CPD	−58° 2471 10 34 12.5 −58° 37.0 8.1	~~14558 14560~~ 10 34.9 −58 40. ~~5.5~~ 14565 10 35.1 −58 45 8½ 7.5
10 34.5 −58.7	CPD	−58° 2462 10 34 6.0 −58 36.6 7.1	14540 10 34.8 −58 ~~33~~ 8.5
10 33.7 −58.6	CPD	−58° 2434 10 33 19.0 −58 25.4 8.1	145 40 10 34.2 −58 33 8.½
10 33.0 −58.7	CPD	−58° 2406 10 32 38.0 −58 31.8 8.2	14513 10 32.8 −58 39 8
10 32.5 −58.7	CPD	−58° 2388 10 31 56.0 −58 ~~32.5~~ 42.4 7.1 8.3	145~~12~~ 10 32.8 −58 ~~50~~ 41 9
10 32.1 −58.7	CPD	−58° 2386 10 31 56.0 −58 ~~42.4~~ 32.5 8.3 7.1	14508 10 32.6 −58 31 8.2
10 24.5 −58.2	CPD	−58° 2227 10 23 17.5 −58 6.3 4.8	14304 10 24.2 −58 14 4.6
10 27.0 −58.5	CPD	−58° 2263 10 25 43.5 −58 22.7 8.6	
10 25.5 −58.3	CPD	−58° 2236 10 23 56.5 −58 12.8 8.6	
10 22.0 −58.4	CPD	−58° 2182 10 20 45.0 −58 14.3 7.2	14248 10 21.6 −58 22 7.2
10 20.5 −58.8	CPD	−58° 2159 10 19 14.5 −58 34.4 8.3	14214 10 20.1 −58 42 8
10 16.2 −58.7	CPD	−58° 2095 10 15 16.0 −58 31.1 6.8	14116 10 16.2 −58 39 8.2
10 18.0 −58.3	CPD	−58° 2136 10 17 34.0 −58 9.1 8.1	
10 14.0 −58.2	CPD	−58° 2063 10 13 13.0 −57 8.2 8.4	
10 13.0 −58.3	CPD	−58° 2049 10 12 15.5 −58 13.5 8.4	
10 8.0 −58.7	CPD	−58° 1979 10 7 19.5 −58 12.8 8.2	13913 10 7.8 −58 40 8.5
	CPD	−57° 4640 11 17 10.7 −57 37.8 8.2	15573 11 18.3 −57 46 7
	CPD	−57° 4630 11 16 38.7 −57 41.9 8.2	15557 11 17.7 −57 50 7¼
	CPD	−57° 4601 11 15 7.5 −57 37.8 8.6	15530 11 16.2 −57 46 8

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	δ	H	Cl	Rem	No	Kline Int.
	16.2	6.1	H		N	1
ask. Mrs. F.	16.1	6.5	a		N	1
	16.9	8.4	Ma		N	1
	16.9	8.7	a		N	3
	16.2	9.1	E		K=H	2
" " "	16.6	9.0	a		N	1
	16.4	9.2	a		N	1
	16.5	9.5	a		N	1
	16.2	9.7	a		N	1
	16.3	9.8	a		N	1
	16.5	9.9	a		N	2
	16.3	10.0	a		N	2
	16.5	10.1	a		N	2
	16.5	10.2	a		N	2
	16.5	10.4	a		N	2
	16.4	10.5	a		N	1
	16.4	10.6	a		N	2
	16.3	11.5	a		N	1
	16.2	13.3	G		K=1.2H	4
	16.2	13.3	a		N	2
	16.6	13.5	a		N	1
	16.5	16.2	O		N	1
	16.3	16.9	Ma		N	2
	16.4	17.3	a	1836 (09)	N	3
	16.5	18.5	a		N	2
	16.8	18.7	a		N	2
h m 0 45	16.4	19.0	a		N	1

Continued in Book 64

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1900							A.G.C. 1900 1900 No. R.A. Dec. Magn
11h 16.7m	−58.1°	CPD −58° 3496	11 15 24.5	−58 1.3	8.1		
		CPD −57° 3464	11 13 58.0	−58 9.0	8.2		
11 8.4	−58.0	CPD −57° 4405	11 6 39.0	−57 44.6	8.3	15344	11 7.7 −57 53 7¼
11 7.5	−57.9	CPD −57° 4387	11 5 31.0	−57 46.6	7.6	~~15344~~ 15318	~~11 7.7 −57 53 7.2~~ 11 6.6 −57 55 7
11 5.1	−58.2	CPD −58° 3216	11 4 19.0	−58 9.7	7.7	~~15277~~ 15293	~~11 4.9 −58 18 8~~ 11 5.4 −58 18 7½
		CPD −58° 3219	11 4 23.0	−58° 1.6	8.5	15295	11 5.5 −58 9 8½
11 3.5	−58.2	CPD −58° 3203	11 3 50.0	−58 2.9	8.1	~~15275~~ 15277	~~11 3.5 −58 18 8~~ 11 4.9 −58 1 8
11 2.5	−58.2	CPD −58° 3161	11 2 23.0	−58 4.9	8.2	15207	11 3.5 −58 12 8.8
11 3.0	−58.3	CPD −58° 3147	11 1 53.5	−58 13.9	8.2	15231	11 3.0 −58 22 8.2
11 1.5	−58.2	CPD −58° 3132	11 1 36.0	−58 7.1	7.4	~~15196~~ 15225	11 2.7 −58 15 7½ ~~8.8~~
11 1.0	−58.3	CPD −58° 3120	11 1 18.0	−58 4.1	7.7	~~15172~~	~~11 0.6 −58 11 7.8~~
		CPD −58° 3103	11 0 55.5	−58 10.1	8.1	15208	11 2.0 −58 18 8½
		CPD −58° 3056	10 59 59.5	−58 6.6	8.4		
		CPD −58° 3038	10 59 42.0	−58 7.2	8.4		
		CPD −58° 3016	10 59 19.5	−58 5.0	8.4	15167	11 0.3 −58 13 7½
		CPD −58° 3005	10 59 3.5	−58 5.8	8.0	15158	11 0.1 −58 14 7¾
		CPD −58° 2995	10 58 38.5	−58 5.6	7.8	15150	10 59.6 −58 14 9¼
10 56.0	−58.3	CPD −58° 2923	10 54 58.5	−58 12.8	8.5	~~15068~~	~~10 56.6 −58 27 8.2~~
		CPD −58° 2834	10 48 24.5	−58 11.2	5.6	14910	10 49.4 −58 19 4.1
		CPD −58° 2830	10 48 18.5	−58 13.8	6.4	14902	10 49.3 −58 22 6.9
		CPD −58° 2809	10 47 21.0	−58 5.0	7.9	14880	10 48.4 −58 13 8¼
		CPD −58° 2546	10 36 48.5	−58 7.2	8.8		
		CPD −58° 2474	10 34 13.5	−58 10.0	8.4	14566	10 35.2 −58 18 6.8
		CPD −58° 2411	10 32 41.0	−58 5.2	6.0	14528	10 33.6 −58 13 6.6
		CPD −58° 2285	10 28 7.0	−58 1.5	6.8	14402	10 29.0 −58 9 7
		CPD −57° 3397	10 27 40.4	−57 54.2	7.2	14396	10 28.6 −58 2 8½
		CPD −58° 2268	10 26 24.5	−58 4.0	8.0	14365	10 27.3 −58 12 8½

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