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1372	56								
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3286	106								
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RA $5^h\ 21^m + 21.6^\circ$ July 28, 1893

plate 2139 b continued Prev Proof 67. p. 218.

	h	m	Cl	Prism Kline Int.
	22.	09.2	a	N 1
	21.	7 14.9	a	K=H 1
	21.	2 15.3	a	K 1 0 H 4
	22.	5 7.2	H	K=H 1
	23.	0 8.0	a	N 2
	22.	9 10.8	a	N 4
	22.	9 12.2	F	3292 K=H 2
	22.	7 12.8	a	N 1
	22.	9 21.4	a	N 1
	23.	9 8.5	a	N 2.
	24.	3 11.2	F	K=H 2
O X H Q O	23.	6 11.7	a	N 1

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R. A. 1855.	Dec.	BD. No.	R. A. 1855	Dec. 1855	Magn.
5h 34.m3	+25.°3	+25° 934	5h 34.m1	+25° 18′	8.2
5 21.7	+25.2	+25 843	5 21.5	+25 13	8.1
5 20.4	+25.0	+25 839	5 20.3	+25 2	5.5
5 38.7	+25.5	+25 978	5 38.6	+25 30	6.6
5 37.0	+25.8	+25 963	5 36.9	+25 51	7.7
5 30.9	+25.8	+25 902	5 30.8	+25 49	5.7
5 27.4	+25.8	+25 879	5 27.5	+25 51	6.6
5 26.3	+25.7	+25 866	5 26.3	+25 44	7.7
5 7.1	+25.8	+25 807	5 7.0	+25 48	7.3
5 35.9	+26.3	+26 937	5 35.9	+26 16	7.4
5 30.0	+26.5	+26 884	5 29.9	+26 32	6.8
5 28.8	+26.1	+26 876	5 28.7	+26 8	8.3

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R.A. $^{h}_{5}$ $^{m}_{20}$ $^{\circ}$ +21.4 August 1 1893.

h m
23 40

Plate 2196

V H Cl. Rem Klinc Int.

4.2	6.9	A	A 1	1
4 4	8.5	A	K=H	1
4.9	5.7	A	A	4
4.6	14.7	A	A	1
5.0	14.9	A	A	1
4.6	15.0	F 3293	K=H	1
5.0	15.9	A	A	2
5.0	17.1	A	K=3	2
5.8	10.5	A	K=5	3
5.8	13.1	A	A	3
6 9	8.7	H	A	1
6.7	13.2	A	A	1
6.1	15.0	A	K=H	2
6.1	16.6	A	A	1
6.3	16.8	F 3294	H	3
6.1	18.6	A	A	1
7.4	5.9	A	K=H	3
8.0	13.5	H	H	1
7.5	15.5	H	A	4
9.0	8.9	A	A	1
8.6	12.6	B 3295	H	3
8.7	13.1	Ma	K=H	3
8.4	14.3	A	A	2
8.3	14.6	A	A	2
8.6	15.4	F 3296	K=H	1
9.0	15.4	A	A	1
8.7	17.2	H	A	1
8.4	20.5	B	A	2

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R

R.A. 1855. h m	Dec.	BD. No.	R.A. 1855. h m	Dec. 1855. °	Mag.
5 36.6	+16.0	+16 855	5 36.5	+16 1	6.9
5 33.4	+16.2	+16 842	5 33.3	+16 9	8.5
5 33.0	+16.4	+16 841	5 32.9	+16 28	5.5
5 20.5	+16.3	+16 786	5 20.5	+16 17	8.0
5 20.1	+16.5	+16 783	5 20.0	+16 29	8.2
5 19.7	+16.3	+16 782	5 19.8	+16 20	6.9
5 17.7	+16.6	+16 775	5 17.7	+16 33	7.0
5 15.2	+16.6	+16 765	5 15.3	+16 33	6.8
5 28.7	+16.9	+16 822	5 28.7	+16 55	6.2
5 23.8	+16.9	+16 794	5 23.9	+16 56	6.1
5 33.0	+17.4	+17 979	5 32.9	+17 27	8.0
5 23.5	+17.5	+17 945	5 23.6	+17 26	8.2
5 19.5	+17.1	+17 931	5 19.6	+17 7	6.5
5 16.5	+17.0	+17 923	5 16.4	+17 4	8.2
5 15.9	+17.2	+17 919	5 15.9	+17 15	9.0
		920	5 16.0	+17 15	5.5
5 12.4	+17.1	+17 901	5 12.3	+17 6	8.0
5 39.0	+17.7	+17 1004	5 39.0	+17 40	6.1
5 23.1	+18.1	+18 873	5 23.2	+18 8	7.4
5 18.8	+17.8	+17 928	5 18.7	+17 50	6.0
5 32.7	+18.6	+18 911	5 32.6	+18 34	8.5
5 25.1	+18.4	+18 877	5 25.1	+18 26	6.2
5 23.8	+18.5	+18 875	5 23.7	+18 29	4.4
5 21.4	+18.3	+18 863	5 21.4	+18 18	7.9
		864	5 21.4	+18 19	7.9
5 20.9	+18.2	+18 862	5 20.8	+18 15	7.0
5 19.0	+18.4	+18 855	5 19.0	+18 22	8.7
5 18.9	+18.7	+18 853	5 18.9	+18 36	8.8
5 15.0	+18.5	+18 839	5 15.0	+18 28	7.8
5 8.4	+18.3	+18 812	5 8.3	+18 17	7.8

BD. +16° 843 superposed on BD. +16° 842.

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Plate 2196 Continued

V	H	Bl.	No. Rem.	Kline	Int.
9.5	6.6	F	3297	K=H	1
9.4	6.7	A		K=H	1
9.2	7.0	H		H	1
9.5	7.5	A		A	1
9.7	8.1	A		A	2
9.2	8.4	H		A	1
9.7	8.4	H		A	1
9.5	11.1	H		A	1
9.8	13.2	F	3298	K=H	1
9.5	17.6	H		H	1
9.4	18.1	F	3299	K=H	1
10.5	8.7	A		K	1
11.0	9.5	A		K	1
10.7	11.4	A		K	2
10.7	13.5	A		K	1
11.0	15.4	G		K=H	2
10.6	15.8	A		K	3
11.1	11.8	A		K=H	1
11.6	19.2	G		K=H	2
11.7	20.1	F	3300	K=H	2
11.7	20.4	A		K=H	1
11.6	21.2	G		K=H	1
11.2	24.2	G		K=H	1
12.9	7.4	A		A	1
12.9	8.5	A		A	1
12.5	12.6	A		A	3
12.6	14.2	A		K	2
12.4	14.8	H		K	1

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R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
5h 37.7m	+18.8	+18° 959	5h 37.6m	+18° 48′	8.3
5 37.3	+18.7	+18 957	5 37.3	+18 44	8.2
5 36.8	+18.6	+18 950	5 36.7	+18 38	7.5
5 35.7	+18.8	+18 938	5 35.8	+18 47	7.8
*5 34.4	+18.9	+18 923	5 34.4	+18 55	7.1
5 33.9	+18.6	+18 918	5 33.9	+18 36	8.3
5 34.0	+18.9	+18 920	5 34.0	+18 55	7.5
5 28.2	+18.9	+18 894	5 28.1	+18 51	8.3
5 23.8	+19.0	+19 951	5 23.8	+19 1	8.0
5 14.2	+18.9	+18 836	5 14.3	+18 52	7.9
5 13.2	+18.7	+18 831	5 13.2	+18 46	7.8
		832	5 13.2	+18 45	9.4
†5 33.2	+19.4	+19 1023	5 33.2	+19 17	8.0
		19 1024	5 33.2	+19 22	8.0
5 31.5	+19.6	+19 1004	5 31.6	+19 36	7.8
°5 27.4	+19.5	+19 972	5 27.5	+19 27	7.5
5 23.2	+19.4	+19 946	5 23.2	+19 25	8.3
5 12.5	+19.7	+19 902	5 12.4	+19 40	6.5
5 11.7	+19.4	+19 898	5 11.8	+19 27	6.5
5 26.8	+19.7	+19 971	5 26.7	+19 40	8.1
5 10.7	+19.9	+19 893	5 10.7	+19 58	6.5
5 9.0	+19.9	+19 886	5 8.9	+19 58	6.8
5 8.2	+19.9	+19 884	5 8.3	+19 57	7.2
5 6.6	+19.9	+19 876	5 6.6	+19 53	7.5
5 0.3	+19.7	+19 853	5 0.3	+19 41	6.5
5 36.3	+20.5	+20 1073	5 36.2	+20 29	8.2
5 34.0	+20.6	+20 1054	5 33.8	+20 32	8.3
5 25.0	+20.4	+20 989	5 25.0	+20 22	6.3
□5 21.6	+20.5	+20 969	5 21.6	+20 26	7.5
5 20.5	+20.3	+20 961	5 20.4	+20 19	7.5

*BD. +18°924 superposed on BD+18°923.

†BD+19°1022 and 1026 superposed on BD+19°1024

°BD+19°973 superposed on BD+19°972. □BD.+20°968 superposed on BD.+20°969.

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Plate 2196 Continued

h	M	C.	Gs. Rem.	Spectra	Int.
12.6	16.5	A	3301	A	2
13.0	18.6	A		A	2
13.5	5.7	A		K	3
13.7	6.1	A	3302	K=N	1
13.7	10.8	A		A	5
13.9	21.7	A		K=N	2
14.6	8.1	A		A	1
14.9	8.7	A		A	1
15.0	10.0	A		K	3
14.4	11.7	A	3303	A	2
14.9	19.6	A		K	2
15.5	11.4	A	3304	K=N	2
15.2	15.4	B	3305	A	4
15.5	19.3	A		K=N	3
15.9	21.2	A		K	3
15.8	23.5	A		K	1
15.5	23.7	A		K	1
17.0	8.4	A		K	1
16.9	8.9	A		K=N	2
16.4	14.1	A		1 = .	2
17.9	15.0	N		N	1
18.0	8.3	A		K	3
17.4	9.0	E		K=N	1
17.9	10.9	A		K	1
18.0	15.3	A		N	1
19.3	7.1	A		N	1
20.0	10.0	F	3306	K=N	2
19.9	12.0	B	3307	N	3

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R.A. 1855.	Dec	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
5h 16.6m	+20.5°	+20° 948	5h 16.6m	+20° 27′	7.5
*5 12.0	+20.7	+20 929	5 12.0	+20 41	8.6
5 39.6	+20.8	+20 1105	5 39.7	+20 49	7.3
		1106	5 39.8	+20 47	8.5
5 39.0	+20.9	+20 1100	5 39.0	+20 53	8.0
5 29.0	+21.0	+21 908	5 29.0	+21 3	3.1
5 5.6	+21.0	+21 796	5 5.5	+21 3	7.7
5 34.9	+21.4	+21 946	5 34.7	+21 21	8.3
5 33.5	+21.5	+21 937	5 33.4	+21 30	8.7
5 30.9	+21.7	+21 918	5 30.8	+21 40	7.0
5 27.0	+21.3	+21 899	5 27.0	+21 18	7.8
5 10.0	+21.6	+21 813	5 9.8	+21 39	7.8
5 27.7	+21.9	+21 902	5 27.7	+21 54	7.4
5 19.0	+21.8	+21 847	5 18.9	+21 48	5.8
5 10.6	+21.9	+21 816	5 10.6	+21 57	5.5
5 6.9	+22.1	+22 864	5 6.8	+22 7	6.8
5 1.8	+21.9	+21 778	5 1.5	+21 58	8.0
5 1.3	+21.8	+21 776	5 1.2	+21 48	8.2
5 34.3	+22.6	+22 1004	5 34.3	+22 36	8.3
5 33.5	+22.6	+22 996	5 33.3	+22 35	6.8
5 22.0	+22.3	+22 925	5 22.0	+22 21	7.5
5 19.1	+23.0	+23 916	5 19.1	+23 10	7.8
5 34.7	+23.1	+23 1015	5 34.5	+23 8	6.3
5 33.0	+22.8	+22 989	5 33.0	+22 48	8.0
5 29.0	+23.0	+23 973	5 28.8	+23 3	8.8
		974	5 28.8	+23 3	8.8
5 19.1	+23.1	+23 916	5 19.1	+23 10	7.8
5 37.2	+23.7	+23 1036	5 37.1	+23 41	7.8
5 31.0	+24.1	+24 909	5 31.0	+24 8	7.0
5 26.6	+23.9 +24.2	+23 +24 954 868	5 26.6	+23 56	5.9
			5 26.2	+24 11	7.8

*BD +20° 928 superposed on BD. +20° 929.

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August 1, 1893

Plate 2196 Continued

h	M.	Cl.	Sp.	Rem.	Kline	Det.
20.0	12.2	E			K=N	1
19.4	20.1	d			K=N	1
20.0	24.4	a			K	3
20.8	5.9	K			K=N	4
20.2	7.2	a			K	1
21.0	7.6	F	3308		K=N	1
20.2	9.0	a			K	2
20.3	9.4	E			K=N	1
20.6	9.8	N			K=N	1
20.7	12.9	A			K	2
21.6	14.9	A			K	3
21.5	15.9	a			K	1
21.3	17.2	a			K	1
21.7	18.5	a			K	1
22.9	6.6	N			K=N	1
22.1	14.3	a			K	1
23.5	7.4	a			K	2
23.3	10.2	a			K	4
24.0	11.1	a			K	1
23.4	11.6	a			K=N	2
23.2	12.2	a			K	1
23.4	20.8	a			K	1
23.3	21.5	a			K	1
24.4	7.9	a			K	1

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R.A. 1855.	Dec.	BD.	No.	R.A. 1855.	Dec. 1855.		Magn.
~~5h 26.2 +24.2~~							
~~5 8.9 +23.9~~	+23°	888	5h	8.7m	+23°	52′	6.8
5 8.9	+23.9 +24	868	5	26.2	+24	11	7.8
4 59.1	+24.0 +24	755	4	59.3	+24	5	5.8
5 40.1	+24.5 +24	970	5	40.1	+24	31	5.3
5 37.2	+24.1 +24	950	5	37.1	+24	10	8.0
5 36.4	+24.6 +24	942	5	36.3	+24	37	8.0
5 33.2	+24.2 +24	920	5	33.1	+24	14	7.8
5 32.3	+24.3 +24	918	5	32.2	+24	16	8.2
5 31.5	+24.5 +24	913	5	31.4	+24	27	7.2
5 24.7	+24.5 +24	854	5	24.6	+24	31	7.0
5 20.4	+25.0 +25	839	5	20.3	+25	2	5.5
5 17.9	+24.9 +24	831	5	17.8	+24	53	8.2
5 15.1	+24.8 +24	826	5	15.1	+24	49	8.2
5 11.5	+25.0 +25	818	5	11.4	+25	1	7.9
5 38.7	+25.5 +25	978	5	38.6	+25	30	6.6
5 21.6	+25.2 +25	843	5	21.5	+25	13	8.1
5 37.0	+25.9 +25	963	5	36.9	+25	51	7.7
5 30.9	+25.8 +25	902	5	30.8	+25	49	5.7
5 28.8	+26.1 +26	876	5	28.7	+26	8	8.3
5 27.5	+25.9 +25	879	5	27.5	+25	51	6.6
5 26.3	+25.7 +25	867	5	26.3	+25	44	7.7
5 7.0	+25.8 +25	807	5	7.0	+25	48	7.3
5 5.6	+25.7 +25	804	5	5.6	+25	45	7.8
5 35.9	26.3 +26	937	5	35.9	+26	16	7.4

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R.A. 5h 58m +21.0° August 1, 1893

Plate 2285.

R.	M.	Cl.	Rem	Kline	Int.
4.8	10.8	A		K	4
4.7	12.5	a		K	4
6.0	11.1	a		K=N	1
5.8	14.8	a		K	1
5.1	14.8	N		K	1
5.5	18.8	a		K	1
6.8	10.4	N		K	1
7.0	12.7	a		K	2
6.2	16.6	a		K	1
6.3	17.7	a		K	1
7.7	7.4	a		K	2
8.0	8.1	N		K	1
7.1	9.2	a		K	3
7.9	12.6	a		K	1
7.8	13.5	a		K	1
7.9	16.0	a		K	1
7.2	23.7	a		K=N	2
7.7	24.2	a		K=N	3
8.8	10.5	a		K=N	1
9.0	10.8	N		A	1
8.2	11.4	a		K=N	3
8.8	16.4	a		K	1
8.6	16.6	a		K	1
8.5	21.3	E		K=N	1
8.3	22.7	E		K=N	1
9.7	11.9	B	3309	K	2
9.7	13.3	a		K	1
10.0	17.6	a		K	2

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R.A. 1855. h m	Dec. °	BD.	No.	R.A. 1855. h m	Dec. 1855. ° ′	Magn.
6 7.0	+16.2	+16	1060	6 7.1	+16 10	5.7
6 3.6	+16.2	+16	1035	6 3.7	+16 9	5.8
6 6.6	+16.8	+16	1056	6 6.6	+16 48	8.0
5 59.0	+16.7	+16	1004	5 58.9	+16 44	8.2
5 58.6	+16.4	+16	999	5 58.5	+16 23	7.2
5 50.2	+16.6	+16	940	5 50.3	+16 35	7.3
6 7.9	+17.2	+17	1191	6 8.0	+17 13	6.5
6 3.2	+17.4	+17	1154	6 3.2	+17 24	7.3
			1155	6 3.3	+17 25	9.2
5 54.8	+16.9	+16	979	5 54.8	+16 54	8.1
5 52.8	+16.9	+16	964	5 52.7	+16 59	7.6
6 14.4	+17.7	+17	1224	6 14.4	+17 38	7.0
6 13.0	+17.8	+17	1214	6 13.0	+17 50	6.5
6 10.6	+17.4	+17	1203	6 10.6	+17 22	6.5
6 3.4	+17.8	+17	1158	6 3.5	+17 48	8.2
6 1.7	+17.7	+17	1147	6 1.7	+17 44	8.3
5 56.4	+17.8	+17	1113	5 56.3	+17 47	8.8
5 40.0	+17.4	+17	1013	5 40.0	+17 22	7.8
5 39.0	+17.7	+17	1004	5 39.0	+17 40	6.1
6 7.8	+18.2	+18	1147	6 7.8	+18 12	8.2
6 7.1	+18.4	+18	1141	6 7.2	+18 20	6.8
6 6.0	+17.9	+17	1182	6 6.0	+17 57	6.5
5 55.2	+18.3	+18	1070	5 55.3	+18 16	8.0
			1071	5 55.3	+18 15	9.5
5 55.0	+18.2	+18	1069	5 55.0	+18 10	8.2
5 45.0	+18.1	+18	1001	5 45.0	+18 7	7.7
5 42.1	+17.9	+17	1029	5 42.1	+17 59	7.8
6 5.1	+18.7	+18	1129	6 5.0	+18 43	6.5
6 2.2	+18.7	+18	1111	6 2.2	+18 44	8.2
5 52.9	+18.9	+18	1056	5 52.8	+18 57	7.6

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August 1, 1893

Plate 2285 Continued

K.	H	Ch.	Remarks	K line	Int.
9.9	18.4	A		K	2
10.0	20.9	A		K	1
10.1	10.2	H		K	1
10.4	10.5	F	3310	K=H	1
10.6	11.3	F	3311	K=H	3
10.3	12.1	A		K	1
11.0	17.7	A		K	1
10.1	19.3	A		H	1
10.6	19.6	A		H	1
10.9	20.1	A		H	1
11.3	9.9	A		H	2
11.8	12.7	A		H	3
11.6	13.6	A		H	1
11.5	16.6	A		H	4
11.6	20.6	B	3312	K	3
11.9	21.8	F	3313	K=H	2
11.3	22.1	A		H	2
12.3	16.4	A	3314	H	4
12.1	17.0	A		K	1
12.1	18.2	A		H	1
12.4	20.2	Wid.	3315	H	1
12.6	20.9	F	3316	K=H	4
12.7	21.4	A		H	2
14.0	13.0	A		H	2
13.2	13.9	A		K=H	1
13.3	16.8	A		K=H	1
14.0	19.6	A		H	1
13.7	21.6	A		H	2

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
5h 51.0m	+18.8°	+18° 1046	5h 51.0m	+18° 51′	8.0
5 45.9	+18.9	+18 1010	5 45.9	+18 53	8.0
6 8.6	+18.9	+18 1157	6 8.6	+18 58	7.5
6 8.0	+19.1	+19 1285	6 8.0	+19 3	7.6
6 6.4	+19.2	+19 1270	6 6.3	+19 12	6.2
6 4.8	+19.0	+19 1259	6 4.7	+19 2	7.8
5 52.7	+19.4	+19 1172	5 52.6	+19 25	7.8
5 49.2	+18.9	+18 1036	5 49.2	+18 57	8.6
5 48.7	+19.2	+19 1145	5 48.6	+19 10	8.2
5 47.4	+19.4	+19 1136	5 47.5	+19 20	8.3
6 9.6	+19.5	+19 1291	6 9.3	+19 31	7.6
6 3.5	+19.9	+19 1253	6 3.5	+19 50	6.0
6 1.4	+19.7	+19 1237	6 1.4	+19 42	8.3
5 54.9	+19.7	+19 1186	5 54.9	+19 41	5.6
5 46.4	+19.7	+19 1126	5 46.4	+19 44	6.3
5 43.8	+19.8	+19 1110	5 43.8	+19 49	6.0
5 43.1	+19.5	+19 1104	5 43.3	+19 28	9.4
		1106	5 43.3	+19 29	6.8
5 55.2	+20.1	+20 1233	5 55.3	+20 8	5.1
5 54.0	+19.9	+19 1182	5 54.1	+19 56	9.0
5 51.3	+20.1	+20 1209	5 51.4	+20 4	8.7
5 47.1	+20.0	+20 1172	5 47.3	+20 5	9.2
5 45.9	+20.2	+20 1162	5 45.8	+20 15	5.0
5 44.9	+20.3	+20 1156	5 44.7	+20 16	7.2
6 2.9	+20.9	+20 1302	6 2.7	+20 56	7.0
6 1.1	+20.5	+20 1284	6 1.0	+20 31	7.7
5 54.4	+20.6	+20 1229	5 54.5	+20 35	7.7
5 48.5	+20.9	+20 1187	5 48.5	+20 58	8.3
5 44.3	+20.7	+20 1149	5 44.3	+20 44	7.7

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Plate 2285

α	δ	Co.	Rem.	Lines	Dist.
13.5	21.8	A		H	1
13.8	23.7	A		H	3
14.0	24.1	A		H	1
14.8	8.4	A		H	1
14.6	8.5	A		K=H	1
14.7	14.7	F	3317	K=H	1
15.0	16.4	A		H	1
14.6	18.8	A		H	1
15.0	20.6	A		H	1
14.4	23.3	A		H	2
15.7	11.7	H		H	1
15.9	12.9	H		H	1
15.3	13.2	E		K=H	1
15.2	18.4	A		H	2
15.1	19.0	A		H	1
17.0	11.5	Ma		K=H	4
16.5	14.0	A		K=H	2
16.2	17.0	A		H	1
16.8	17.5	A		H	2
17.0	18.4	A		H	1
17.3	7.8	Ma		K=H	4
18.0	12.8	H		H	1
18.0	13.6	A		H	2
17.8	15.1	A		H	2
17.7	18.7	A		H	1
19.0	6.7	A		K=H	3
19.0	9.2	A		H	1
18.3	14.0	A	3318	H	2

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	R.A. 1855.	Dec.	BD.	No.	R.A. 1855.	Dec. 1855.		Magn.
5h	43.7m	+20.7	+20	1144	5	43.8	+20 39	8.3
5	39.7	+20.8	+20	1105	5	39.7	+20 49	7.3
				1106	5	39.8	+20 47	8.5
5	39.0	+20.9	+20	1100	5	39.0	+20 53	8.0
6	13.1	+21.3	+21	1206	6	13.0	+21 19	8.7
6	12.8	+21.2	+21	1202	6	12.5	+21 12	9.1
				1203	6	12.6	+21 12	7.5
5	59.2	+21.3	+21	1225	5	59.4	+21 19	7.8
5	55.3	+21.5	+21	1099	5	55.4	+21 30	8.1
5	50.2	+21.2	+21	1066	5	50.1	+21 13	8.5
5	46.4	+21.4	+21	1037	5	46.3	+21 22	7.8
5	40.5	+21.1	+21	1003	5	40.5	+21 5	7.9
6	6.0	+21.8	+21	1163	6	5.8	+21 50	7.8
6	3.1	+21.9	+21	1146	6	3.1	+21 54	7.3
6	2.7	+21.6	+21	1143	6	2.6	+21 36	7.8
5	51.0	+21.6	+21	1072	5	51.0	+21 35	7.2
5	49.9	+21.5	+21	1063	5	49.8	+21 28	8.5
6	6.3	+22.5	+22	1241	6	6.1	+22 33	8.2
6	0.8	+22.2	+22	1198	6	0.8	+22 13	6.5
5	54.0	+22.0	+22	1147	5	54.0	+22 3	8.3
5	53.0	+22.4	+22	1140	5	52.9	+22 24	6.7
5	51.0	+22.5	+22	1130	5	50.9	+22 27	7.5
6	14.2	+22.6	+22	1304	6	14.2	+22 35	3.0
6	3.5	+22.9	+22	1220	6	3.5	+22 56	6.7
6	1.9	+23.0	+23	1232	6	1.7	+23 1	7.4
5	51.6	+22.9	+22	1235	5	51.7	+22 53	7.0
5	50.5	+22.8	+22	1123	5	50.4	+22 47	8.5
* 6	17.0	+23.4	+23	1347	6	16.7	+23 24	6.8
6	11.2	+23.5	+23	1311	6	11.3	+23 28	8.2
6	1.0	+23.1	+23	1226	6	1.0	+23 8	6.5

* BD +23° 1346 substituted for BD +23° 1347.

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August 1, 1893

Plate 2283 Continued.

h	M	Mb.	Remarks	Lines	Int.
18.5	16.4	G		K=H	4
19.9	6.8	a		K=H	1
20.0	11.0	G		K=H	1
20.0	12.0	G		K=H	1
19.4	15.4	H		H	1
19.4	17.6	a		H	2
20.9	13.2	A		K=H	2
20.6	14.0	a		H	1
20.5	19.8	a	3319	H	2
21.2	19.5	a		H	2
21.2	23.4	L		K=H	3
22.7	9.1	a		H	1
22.7	20.1	a		H	1
23.7	16.1	a		H	1
23.9	19.3	a		H	4

h. m
0. 32

August.

h m
0 48 Plate

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R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
5 55.1	+23.3	+23° 1170	5h 55.3m	+23° 16'	5.1
6 16.6	+23.8	+23 1384	6 16.5	+23 47	7.2
6 7.5	+24.0	+24 1182	6 7.5	+24 0	6.5
6 5.4	+24.0	+24 1168	6 5.3	+24 2	8.0
5 57.9	+23.7	+23 1192	5 58.0	+23 38	7.2
5 52.8	+23.7	+23 1150	5 52.6	+23 41	7.6 a2
		+23 1152	5 52.7	+23 44	8.4
6 2.8	+24.5	+24 1151	6 2.6	+24 27	6.7
6 1.0	+24.3	+24 1135	6 0.9	+24 14	8.4
5 48.0	+24.2	+24 1033	5 48.1	+24 13	6.0
5 48.9	+24.6	+24 1039	5 48.7	+24 35	7.5
5 40.1	+24.5	+24 970	5 40.1	+24 31	5.3
6 11.7	+25.2	+25 1225	6 11.7	+25 15	7.2
5 47.2	+25.3	+25 1034	5 47.3	+25 18	7.9
5 56.1	+25.8	+25 1108	5 56.1	+25 48	8.0
5 49.0	+25.9	+25 1052	5 49.0	+25 56	5.2

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1893phae.proj..883F

R.A. 7h 16m +21.9° August 15 1893
Plate 3290

	h.	M	Cl.	Rem	Kline	Ord.
23 50	5.3	13.0	a		K	1
	5.8	18.4	a		K=.2	5
	5.2	19.1	F	3320	K=N	2
	5.2	20.7	N		K=N	2
	5.9	22.9	a		K	1
	7.0	11.9	l		K=N	3
	6.2	15.7	N		K	1
	6.4	16.5	F	3321	K=N	1
	6.7	21.5	N		K	2
	7.6	16.0	A		K	2
	8.4	6.8	a		K	1
	8.2	8.3	l		K=N	4
	8.6	14.2	a		K=N	1
	9.0	14.8	l		K=N	2
	8.9	16.3	a		K=N	1
	8.5	17.2	a		N	2
	8.5	17.3	N		N	1
	8.9	22.7	a		N	1
	8.4	24.1	a		N	2
	9.2	9.8	a		N	2
	9.5	11.7	F	3322	K=N	1
	10.0	12.8	a		N	1
	9.8	14.5	a		K=N	2
	9.3	16.1	F	3323	K=N	2
	9.8	20.0	N		N	1
	9.8	22.6	a		N	1
	9.4	23.0	N		N	1
	10.2	6.0	a		N	1

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R.A.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
7h 21.2m	+16.5'	+16° 1490	7h 21.2m	+16° 28'	8.1
7 9.8	+16.8	+16 1443	7 9.8	+16 48	4.1
7 8.5	+16.4	+16 1433	7 8.4	+16 22	7.5
7 5.1	+16.4	+16 1417	7 5.1	+16 25	5.5
7 0.5	+16.7	+16 1398	7 0.4	+16 43	8.0
7 23.4	+17.4	+17 1596	7 23.4	+17 23	6.2
7 15.4	+16.9	+16 1466	7 15.5	+16 57	8.1
7 13.8	+17.0	+17 1557	7 13.8	+17 2	8.6
7 3.4	+17.2	+17 1518	7 3.4	+17 13	7.0
7 14.7	+17.7	+17 1561	7 14.7	+17 41	7.7
7 34.2	+18.0	+18 1717	7 34.2	+18 2	8.6
7 31.0	+18.0	+18 1701	7 31.1	+18 0	5.4
7 18.6	+18.2	+18 1620	7 18.6	+18 11	8.3
7 17.5	+18.5	+18 1610	7 17.5	+18 26	7.0
7 14.2	+18.3	+18 1591	7 14.3	+18 19	9.0
* 7 12.3	+18.2	+18 1578	7 12.3	+18 9	8.6
7 12.1	+18.1	+18 1577	7 12.1	+18 8	8.2
7 0.9	+18.3	+18 1503	7 0.9	+18 14	8.5
6 57.9	+17.9	+17 1492	6 57.9	+17 58	7.1
7 28.0	+18.5	+18 1681	7 28.0	+18 30	8.0
7 24.1	+18.7	+18 1653	7 24.0	+18 40	8.1
		+18 1640	7 21.6	+18 56	8.0 a2
7 21.6	+18.9	+18 1641	7 21.6	+18 56	8.5 a2
7 18.0	+18.8	+18 1616	7 18.0	+18 48	8.0
		+18 1618	7 18.1	+18 49	8.5
7 14.6	+18.6	+18 1593	7 14.7	+18 33	7.0
7 6.4	+18.8	+18 1538	7 6.4	+18 48	8.1
7 1.0	+18.8	+18 1506	7 1.0	+18 48	8.3
7 0.2	+18.5	+18 1499	7 0.2	+18 31	7.7
7 36.1	+18.9	+18 1724	7 36.1	+18 56	8.7

* BD +18°1578 is a double star and BD +18°1577 is

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August 15, 1893

Plate 3290 Con.

h	M.	Mag.	Remarks	Klinc	Det.
10.6	9.3	F.	3324	K = N	3
10.7	13.9	d.		"	2
10.7	15.1	N		N	1
10.9	19.8	a.		"	1
10.5	20.8	"		"	2
10.4	22.3	.		"	1
11.9	13.1	d.		K = N	2
11.7	17.5	N		N	2
11.8	18.6	a.		"	1
11.4	22.0	a.		"	1
11.8	22.7	N		"	1
13.0	8.5	F.	3325	K = N	2
13.0	9.6	d.		"	2
12.6	12.6	a.		N.	1
12.3	12.7	(F-G)	3326	K = N	2
12.4	14.1	a.		N	1
12.6	15.1	a.		"	1
12.6	15.9	a.		K = .2	2
12.9	17.2	a.		N	2
12.3	19.6	a.		"	3
12.1	20.1	F.	3327	K = N	1
12.5	21.4	a.		N	2
13.5	5.8	a.		N	3
13.3	6.2	a.		K = N	1
13.2	6.7	F.	3328	K = N	1
13.6	8.8	a.		N	1
13.5	12.5	a.		K = N	2
13.6	12.6	a.		K = .5	3

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R.A. 1855	Dec.	BD.	Ao.	R.A. 1855	Dec. 1855	Magn.
7h 29.1m	+19.2	+19°	1784	7h 29.1m	+19° 14'	7.0
7 19.3	+19.4	+19	1734	7 19.4	+19 20	7.2
7 16.7	+19.3	+19	1720	7 16.7	+19 17	7.9
7 6.8	+19.1	+19	1661	7 6.9	+19 4	8.0
7 4.8	+19.2	+19	1650	7 4.8	+19 10	7.8
7 1.5	+19.1	+19	1629	7 1.4	+19 4	8.0
7 21.0	+19.9	+19	1743	7 21.0	+19 56	7.0
7 11.4	+19.8	+19	1685	7 11.5	+19 48	7.7
7 9.4	+19.8	+19	1675	7 9.4	+19 48	8.5
7 2.1	+19.5	+19	1634	7 2.1	+19 32	8.6
		+19	1635	7 2.1	+19 34	8.5
7 0.6	+19.8	+19	1623	7 0.6	+19 47	7.4
7 30.9	+20.5	+20	1866	7 30.8	+20 28	7.5
7 28.5	+20.5	+20	1856	7 28.6	+20 29	7.0
7 22.3	+20.2	+20	1824	7 22.2	+20 14	8.8
7 22.0	+20.1	+20	1822	7 21.9	+20 7	7.5
7 19.0	+20.1	+20	1807	7 19.0	+20 6	8.8
7 16.7	+20.2	+20	1797	7 16.6	+20 12	9.0
7 16.3	+20.3	+20	1795	7 16.3	+20 17	7.5
7 11.9	+20.4	+20	1770	7 11.9	+20 23	8.2
7 7.1 3.2	+20.1	+20	1751	7 7.2	+20 6	7.7
*7 6.2	+19.9	+19	1659	7 6.1	+19 57	8.3
7 3.2	+20.1	+20	1729	7 3.3	+20 7	8.0
7 36.8	+20.7	+20	1893	7 36.6	+20 39	6.5
7 35.7	+20.5	+20	1890	7 35.7	+20 33	7.5
7 34.7	+20.4	+20	1885	7 34.7	+20 27	8.2
7 30.3	+20.7	+20	1863	7 30.3	+20 43	8.7
7 22.5	+20.7	+20	1825	7 22.5	+20 42	8.5
7 22.2	+21.8	+20	1823	7 22.1	+20 49	7.3

*BD +20° 1745 substituted for BD +19°

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August 15 1893

Plate 3290 continued.

h	M	Obs.	Ds	Rem	Kline	Dist.
13.1	14.4	F	3329		K = N	4
13.6	15.0	"	3330		K = N	2
14.0	16.0	a			N	1
13.7	16.1	"			K = N	2
13.4	16.6	K			K = N	4
13.5	17.7	N			N	1
14.0	18.8	N			N	1
13.6	20.1	"			"	1
13.8	20.8	"			"	1
14.0	21.5	a			"	1
13.2	21.6	N			K = N	1
14.7	5.8	a			N	2
14.8	7.2	N			"	1
14.9	11.8	a			K = N	2
14.2	12.8	"			K = .5	2
14.5	13.3	F	3331		K = N	1
14.9	17.6	a			N	1
14.5	21.0	F	3332		K = N	1
15.0	22.2	F d			K = N	3
14.4	23.1	F	3333		K = N	1
14.7	24.3	a			N	2
15.2	5.4	F	3334		K = N	2
15.7	7.7	N			N	1
15.5	9.6	F	3335		K = N	1
15.4	10.6	a			N	1
15.5	11.8	d			K = N	3
15.7	13.7	d			"	2
15.5	14.0	F	3336		K = N	5

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
7h 18.5m	+20.5	+20° 1805	7h 18.4m	+20° 33′	6.5
7 17.0	+20.8	+20 1798	7 17.0	+20 48	7.0
7 14.9	+20.9	+20 1784	7 14.8	+20 60	8.7
7 14.7	+20.8	+20 1781	7 14.5	+20 49	8.5
7 13.5	+20.7	+20 1775	7 13.4	+20 42	6.0
7 11.1	+20.7	+20 1768	7 11.2	+20 44	8.4
7 8.8	+21.0	+21 1564	7 8.7	+21 0	8.1
7 6.0	+20.7	+20 1743	7 6.0	+20 45	8.0
7 4.7	+20.8	+20 1736	7 4.5	+20 49	8.7
7 3.0	+20.9	+20 1728	7 3.1	+20 55	8.6
7 2.8	+20.5	+20 1727	7 2.8	+20 30	8.0
7 36.8	+21.2	+21 1677	7 36.8	+21 12	8.3
7 33.9	+21.3	+21 1668	7 33.7	+21 18	8.5
7 23.7	+21.4	+21 1629	7 23.8	+21 24	8.5
7 21.8	+21.1	+21 1614	7 21.7	+21 5	8.1
7 20.7	+21.2	+21 1610	7 20.6	+21 14	8.0
7 11.2	+21.4	+21 1574	7 11.3	+21 24	8.6
7 4.1	+21.2	+21 1540	7 4.0	+21 12	8.5
7 1.5	+21.5	+21 1528	7 1.5	+21 29	7.0
6 59.7	+21.1	+21 1516	6 59.7	+21 5	8.2
6 57.0	+21.2	+21 1503	6 57.1	+21 12	8.2
7 37.6	+21.5	+21 1679	7 37.6	+21 28	7.5
7 32.8	+21.8	+21 1661	7 32.6	+21 48	8.2
7 28.6	+21.7	+21 1647	7 28.6	+21 41	8.5
7 26.5	+21.6	+21 1640	7 26.4	+21 38	9.0
7 23.9	+21.7	+21 1630	7 24.0	+21 42	7.1
7 19.8	+21.9	+21 1606	7 19.8	+21 51	7.4
7 19.0	+21.7	+21 1602	7 19.1	+21 44	5.8

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1893phae.proj..883F

August 15, 1893

Plate 3290 Con.

h.	M.	Mt.	Remarks	Spectrum	Dist.
15.6	14.4	F	3337	K=N	3
15.5	15.6	a		K=N	2
15.2	18.7	N		N	1
15.3	21.0	N		K=N	2
15.8	22.5	a		N	1
17.0	7.6	a		K=N	2
16.4	7.9	"		N	1
16.3	13.5	N		"	1
16.9	14.1	a		K=N	2
16.5	16.2	a		N	1
16.4	17.5	F	3338	K=N	5
16.6	17.9	N		N	1
16.4	19.7	"		"	1
16.3	22.7	"		"	1
16.5	22.9	"		"	1
16.5	23.1	a		"	1
16.5	22.8	a		K=N	1
17.6	6.8	a		K=N	3
17.3	7.1	F	3339	K=N	2
17.4	9.5	a		"	2
17.9	13.9	N		N	1
17.9	16.6	"		"	1
17.2	21.3	F	3340	K=N	2
17.4	22.4	N		N	1
17.9	24.4	a		N	4
18.9	6.1	N		"	1
18.6	7.4	"		"	"
19.0	7.7	a		K=N	1

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. Cto.	R.A. 1855.	Dec. 1855.	Magn.
7h 18.3m	+21.8 +21°	1596	7h 18.3m	+21° 50'	6.8
7 15.5	+21.7 +21	1589	7 15.5	+21 44	8.0
7 9.1	+21.5 +21	1566	7 9.0	+21 32	8.5
7 4.1	+21.6 +21	1542	7 4.2	+21 34	7.7
7 0.9	+21.8 +21	1524	7 0.8	+21 50	9.0
7 33.0	+22.5 +22	1751	7 32.9	+22 27	7.5
7 32.4	+22.1 +22	1749	7 32.3	+22 8	8.3
7 20.3	+22.1 +22	1694	7 20.2	+22 7	8.0
7 19.1	+22.5 +22	1687	7 19.0	+22 26	7.0
7 14.4	+22.3 +22	1661	7 14.5	+22 15	8.7
7 11.6	+22.2 +22	1645	7 11.5	+22 15	3.5
7 11.0	+22.3 +22	1642	7 10.7	+22 17	8.0
7 7.0	+22.3 +22	1620	7 6.9	+22 13	7.2
~~6 59.9 +22.2~~ 7 9.6 +22.9	+22	1593	7 0.5	+22 3	8.2
6 59.5	+22.2 +22	1585	6 59.5	+22 ~~8~~ 7	~~8.5~~ 7
6 59.4	+22.1 +22	1585	6 59.5	+22 7	8.5
6 59.9	+22.2 +22	1590	6 59.9	+22 10	8.0
7 35.0	+22.7 +22	1756	7 34.7	+22 45	6.8
7 34.2	+22.6 +22	1754	7 34.1	+22 33	7.0
7 29.0	+22.7 +22	1735	7 29.0	+22 40	7.1
7 19.4	+22.9 +22	1689	7 19.4	+22 57	8.3
7 13.6	+22.9 +22	1655	7 13.5	+22 55	8.1
7 3.2	+22.5 +22	1609	7 3.4	+22 31	8.0
7 1.1	+22.6 +22	1596	7 1.0	+22 36	8.0
6 56.7	+22.9 +22	1566	6 56.6	+22 52	7.1
7 36.6	+23.4 +23	1805	7 36.3	+23 21	7.5
7 33.6	+23.3 +23	1792	7 33.4	+23 15	7.8
7 33.1	+23.4 +23	1787	7 33.0	+23 25	8.5

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1893phae.proj.0083F

August 15, 1893

Plate 3290 Con.

h.	M.	Ks.	Rem.	K line	Int.
18.7	8.0	L		K = H	3
18.7	10.7	G·L		"	2
18.4	11.7	L		"	3
18.6	12.8	A		H	1
18.5	15.6	A		K = H	1
18.4	16.0	A		K=1	4
18.6	16.5	A		H	1
18.8	6.4	A		"	1
18.8	20.0	A		"	1
19.0	21.5	"		"	1
20.0	5.6	"		"	2
19.5	6.3	H		"	1
19.3	8.1	A		"	1
19.8	17.3	"		K = H	1
20.9	7.6	F	3341	"	1
20.5	10.8	"	3342	"	1
20.6	12.1	H		H	1
20.6	12.3	"		"	1
20.2	13.5	A		K = H	1
20.6	14.0	"		H	1
20.4	14.5	"		"	1
20.8	18.1	A		H	1
20.7	18.5	A		H	1
20.3	19.2	A		K = H	1
20.2	19.7	H		H	1
20.6	20.3	A		H	1
20.8	21.1	F	3343	K = H	4
20.9	22.4	H		H	1

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1893phae.proj..883F

R.A. 1855	Dec.	BD.	No.	R.A. 1855	Dec. 1855	Magn.
7h 32.7m	+23.4	+23°	1780	7h 32.3m	+23° 22'	6.0
7 26.7	+23.4	+23	1760	7 26.5	+23 22	6.8
7 24.2	+23.2	+23	1744	7 24.2	+23 12	6.0
*7 22.0	+23.3	+23	1734	7 21.9	+23 15	8.6
7 15.8	+23.2	+23	1704	7 15.7	+23 12	8.5
7 14.8	+23.2	+23	1698	7 14.8	+23 13	6.5
13.8	+23.	+23	1690, 1691, 1692.			
7 35.8	+23.7	+23	1801	7 35.8	+23 41	7.0
7 6.2	+23.4	+23	1647	7 6.1	+23 20	7.8
7 3.0	+23.5	+23	1634	7 2.9	+23 28	8.5
7 37.7	+23.9	+23	1808	7 37.5	+23 54	8.0
7 35.8	+23.7	+23	1801	7 35.8	+23 41	7.0
7 32.1	+23.6	+23	1779	7 32.1	+23 35	8.2
7 12.0	+23.9	+23	1681	7 12.0	+23 54	8.5
7 33.4	+24.4	+24	1740	7 33.2	+24 23	8.2
7 26.3	+24.2	+24	1706	7 26.3	+24 15	8.0
7 23.1	+24.3	+24	1687	7 23.3	+24 16	8.2
7 22.9	+24.3	+24	1683	7 22.9	+24 19	8.0
7 20.4	+24.1	+24	1670	7 20.4	+24 7	8.3
7 19.2	+24.3	+24	1663	7 19.2	+24 16	8.5
7 18.2	+24.2	+24	1659	7 18.2	+24 14	8.3
↓7 10.0	+24.4	+24	1611	7 10.1	+24 22	8.3
°7 9.1	+24.3	+24	1600	7 9.3	+24 19	8.5
7 7.8	+24.1	+24	1590	7 7.8	+24 8	8.3
7 6.9	+24.1	+24	1583	7 6.7	+24 6	7.7
7 5.5	+24.3	+24	1576	7 5.8	+24 15	8.5
□7 3.5	+24.4	+24	1558	7 3.6	+24 22	6.0
6 58.4	+24.4	+24	1581	7 6 58.5	+24 23	7.1

*BD +23° 1733 substituted for BD +23° 1734

+BD +24° 1611 substituted for BD. +24° 1600.

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1893phae.proj..883F

August 15th, 1893

Plate 3290 Con.

R. A.	Dec.	Rem.	Klinc	Int.
20.8	22.0	F. 3344	K = N	1
21.6	6.5	G?	K = N	5
21.3	6.7	a	K = N	2
21.1	8.9	a	N	3
21.4	9.3	F 3340	K = N	3
21.2	10.8	N	N	1
21.9	13.7	F. 3346	K = N	2
21.6	19.1	a	K = N	3
21.9	20.2	a	N	3
22.7	8.1	F 3347	K = N	1
? 22.8	10.0	a	N	1
22.6	12.1	F 3348	K = N	1
22.5	16.0	G? l	"	4
22.3	20.0	l	"	3
22.4	23.9	N	N	1
23.7	16.1	a	"	1
23.8	18.2	"	"	1
24.0	20.9	a	N	3
23.3	21.7	"	"	1
23.2	22.5	a	N	1
24.0	22.3	a	K = N	1
24.0	22.4	F 3349	K = N	1
24.4	6.8	l	"	3
24.9	11.7	a	N	1
25.0	14.1	"	"	2
24.9	16.9	N	"	1

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
7h 1.8m	+24°.4	+24° 1546	7h 1.7m	+24° 20′	7.8
7 35.8	+24.7	+24 1759	7 35.7	+24 46	3.7
7 35.1	+24.6	+24 1755	7 35.2	+24 35	7.9
7 30.6	+24.5	+24 1730	7 30.4	+24 34	7.0
7 29.4	+24.6	+24 1727	7 29.5	+24 42	7.0
7 26.1	+24.5	+24 1705	7 26.2	+24 35	7.5
7 19.8	+24.9	+24 {1665	7 19.9	+24 57	7.6
		1666	7 19.9	+24 56	9.2
7 7.9	+24.8	+24 1592	7 8.0	+24 47	7.5
7 5.7	+24.9	+24 1576	7 5.6	+24 57	7.3
7 32.3	+25.3	+25 1738	7 32.3	+25 18	8.0
7 28.1	+25.3	+25 1716	7 28.1	+25 19	8.5
7 26.0	+25.3	+25 1709	7 26.0	+25 15	8.0
7 14.8	+25.3	+25 1660	7 14.6	+25 20	5.0
7 5.9	+25.1	+25 1618	7 5.8	+25 9	6.3
6 57.2	+25.1	+25 1571	6 57.3	+25 5	7.0
7 14.6	+25.8	+25 1659	7 14.5	+25 47	8.8
7 9.9	+25.9	+25 1636	7 9.8	+25 50	8.6
7 3.9	+25.9	+25 1609	7 3.9	+25 59	7.2
7 2.1	+25.6	+25 1598	7 2.3	+25 33	8.5
7 0.5	+25.5	+25 1590	7 0.4	+25 29	8.5
7 1.0	+25.9	+25 1595	7 0.8	+25 58	7.7
7 0.8	+25.9	+25 1594	7 0.7	+25 58	7.0
7 35.1	+26.1	+26 1633	7 35.3	+26 7	6.3
7 24.3	+26.4	+26 1588	7 24.3	+26 24	7.8
7 19.1	+26.5	+26 1564	7 19.1	+26 31	7.3
7 12.8	+26.4	+26 1531	7 12.6	+26 26	7.9

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1893phae.proj..883F

RA 8h 0+21.5° August 15, 1893

Plate 2209

h.	M.	C.	Ir.	Rem.	Klum	Ab.
4.1	8.3	W			N	1
4.0	9.9	a			N	2
3.9	11.9	a			N.	2
4.6	12.9	F-G	3350		K=W	2
4.7	13.5	E			"	1
4.4	18.2	a			N	3
4.0	18.5	a			N	1
4.5	19.7	Ma			N	1
3.7	21.9	a			K=W	1
6.0	6.7	F	3351		"	2
5.1	19.3	F	3352		"	1
6.2	7.3	F	3353		"	1
6.9	12.4	A			"	3
6.8	13.4	F	3354		"	4
6.0	18.6	Ma			"	2
7.9	18.7	F	3355		"	1
8.3	8.1	a			K=.5	3
9.0	16.8	a			N	3
9.0	18.8	"			"	2
9.9	15.2	b			K=W	1
10.0	22.9	G			"	2
11.0	15.0	a			N	1
11.0	15.5	b			K=W	1
11.0	17.0	"			"	1
10.8	18.1	a			N	2
10.9	18.7	Gd			K=W	2
10.1	21.0	a			N	1
11.0	21.1	a			N	4

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
8h 14.3m	+16.6°	+16° 1704	8h 14.3m	+16° 37′	6.8
8 10.9	+16.6	+16 1687	8 10.9	+16 34	7.5
8 6.8	+16.5	+16 1669	8 6.8	+16 31	7.5
8 4.8	+16.9	+16 1662	8 4.8	+16 57	6.6
8 3.6	+16.9	+16 1659	8 3.6	+16 57	7.5
7 53.2	+16.8	+16 1612	7 53.2	+16 50	6.4
7 52.8	+16.6	+16 1611	7 52.8	+16 34	8.3
7 50.2	+16.9	+16 1598	7 50.2	+16 53	6.0
7 45.7	+16.4	+16 1580	7 45.7	+16 25	7.0
7 58 17.6	+17.6	+17 1842	8 17.6	+17 32	6.2
7 51.0	+17.2	+17 1722	7 51.0	+17 13	7.7
8 16.5	+17.7	+17 1836	8 16.5	+17 40	7.0
8 5.9	+18.1	+18 1882	8 5.9	+18 6	7.4
8 3.9	+18.1	+18 1867	8 3.9	+18 5	4.7
* 7 52.5	+17.7	+17 1731	7 52.5	+17 43	5.8
7 52.2	+18.6	+18 1816	7 52.4	+18 38	7.2
8 15.0	+18.8	+18 1930	8 15.1	+18 48	6.5
7 56.4	+19.3	+19 1911	7 56.4	+19 14	7.0
7 52.1	+19.2	+19 1896	7 52.1	+19 14	7.0
7 59.6	+19.6	+19 1934	7 59.8	+19 39	8.1
7 43.4	+19.7	+19 1854	7 43.5	+19 42	6.5
8 0.2	+20.2	+20 2008	8 0.2	+20 11	8.7
7 59.0	+20.2	+20 2003	7 59.0	+20 14	7.8
7 56.0	+20.2	+20 1993	7 56.0	+20 12	8.3
7 53.6	+20.1	+20 1982	7 53.7	+20 8	8.1
7 52.3	+20.2	+20 1976	7 52.4	+20 12	7.0
7 47.4	+19.8	+19 1872	7 47.4	+19 45	8.9
7 47.1	+20.3	+20 1946	7 47.2	+20 17	6.1

*BD+17°1734 erroneously given as BD+17°1731

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1893phae.proj..883F

August 15. 93

Plate 2209 Continued

h	St.	Cl.	Rem.	K line	Int.
10.2	23.7	a		N	1
11.9	7.6	a		K=N	1
11 5	8.9	N		N	1
11.2	10.8	a		"	1
12.0	17.4	E		K=N	1
13.0	9.7	K		"	3
12.9	12.5	F	3356	K=N	2
12.3	23.4	a		N	1
14.0	6.1	E		K=N	1
12.1	17.0	a		"	1
13.4	10.0	"		"	1
13.6	12.3	F	3357	K=N	1
13.3	17.0	a		N	2
13.5	18.7	a		N	1
13.1	19.3	F	3358	K=N	1
13.6	19.6	a		"	1
13.2	20.5	E		"	1
13.5	21.8	N		N	1
14.4	15.5	F-G	3359	K=N	4
14.7	17.3	N		N	1
15.4	9.3	"		"	1
15.5	17.3	L		K=N	2
15.9	22.4	b		"	1
16.8	15.5	a		N	1
16.2	16.1	F	3360	K=N	2
16.5	16.2	Nla		N	2
15.0	6.7	a		"	1
17.4	9.2	"		K=N	1

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1893phae.proj..883F

R.A. 1855	Dec.	BD. Cho.		R.A. 1855	Dec. 1855		Magn.
7h 41.8m	+19°.8	+19°	1848	7h 41.7m	+19°	46'	8.7
8 16.6	+20.6	+20	{2078 2079	8 16.4	+20	{36 37	8.6 7.4
8 13.7	+20.4	+20	2066	8 13.7	+20	26	7.5
8 9.6	+20.3	+20	2040	8 9.4	+20	15	8.0
7 ~~55.0~~ 50.5	+20.7	+20	1986	7 55.1	+20	45	7.5
8 11.9	+21.2	+21	1817	8 11.9	+21	10	6.0
8 6.1	+21.1	+21	1792	8 6.0	+21	7	7.0
7 42.4	+20.8	+20	1922	7 42.4	+20	47	8.5
8 19.7	+21.7	+21	1844	8 19.7	+21	38	6.8
8 17.6	+20.6	+20	2082	8 17.6	+20	39	8.5
8 11.2	+21.4	+21	1812	8 11.3	+21	24	8.0
8 6.5	+21.5	+21	1795	8 6.4	+21	29	8.4
7 56.0	+21.4	+21	1753	7 55.9	+21	26	7.0
7 52.5	+21.5	+21	1737	7 52.4	+21	26	8.5
7 51.0	+21.3	+21	1731	7 51.0	+21	16	8.5
7 50.4	+21.6	+21	1730	7 50.4	+21	34	8.3
7 48.8	+21.4	+21	1724	7 48.6	+21	21	7.5
7 45.8	+21.5	+21	1714	7 45.7	+21	29	7.2
87 59.0	+22.0	+22	1862	7 59.2	+22	1	5.4
7 ~~54.2~~ 55.4	+22.1	+22	1846	7 55.5	+22	6	7.3
8 13.0	+22.4	+22	1915	8 13.0	+22	22	7.5
7 55.1	+22.5	+22	1845	7 55.3	+22	28	6.3
7 44.5	+22.7	+22	1803	7 44.4	+22	42	6.8
7 59.2	+23.2	+23	1892	7 59.2	+23	12	8.5
7 58.0	+22.9	+22	1854	7 58.0	+22	52	7.5
7 57.8	+23.0	+23	1887	7 57.7	+23	3	6.0
8 19.0	+23.6	+23	1960	8 18.9	+23	38	7.8
8 13.2	+23.4	+23	1939	8 13.3	+23	25	8.2

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August 15, 1893

Plate 2209 Continued.

h	M.	Cl.	Sc	Rem	Klino	Dist.
17.6	13.0	a		K=3		3
17.6	19.3	L		K=N		2
18.6	8.5	a		"		1
19.0	10.1	a		"		1
18.3	14.0	"		"		1
18.3	18.7	L		"		2
18.5	21.0	a		N		3
20.0	6.2	a		K=N		3
19.5	7.5	F	3361	K=N		1
19.5	9.9	a		N		4
19.8	10.5	F	3362	K=N		1
19.1	18.5	N		N		1
19.6	23.5	a		"		2
20.7	7.2	F	3363	K=N		2
20.9	15.0	N		N		1
21.4	18.4	a		"		3
22.0	18.8	L		K=N		2
21.4	19.0	a		N		1
22.3	14.6	G		K=N		3
23.0	14.7	L		"		1
23.8	17.7	a		"		2

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1893phae.proj..883F

R.A. 1855.	Dec.	BD.	No.	R.A. 1855.	Dec. 1855.		Magn.
8h 5.1m	+23.6°	+23°	1913	8h 5.1m	+23°	35′	6.5
7 51.0	+23.6	+23	1863	7 51.1	+23	35	7.3
8 15.0	+24.0	+24	1918	8 14.9	+24	0	8.2
8 11.4	+24.3	+24	1907	8 11.4	+24	16	8.2
8 3.0	+23.9	+23	1905	8 2.9	+23	54	8.3
7 52.4	+23.9	+23	1866	7 52.4	+23	60	6.5
~~7 47.2~~	~~+24.0~~	+24	1806	7 47.4	+24	1	6.7
8 20.0	+24.6	+24	1931	8 20.0	+24	37	5.8
8 16.3	+24.4	+24	1920	8 16.3	+24	25	7.0
8 11.9	+24.5	+24	1909	8 11.9	+24	29	6.0
8 10.5	+24.6	+24	1903	8 10.5	+24	37	7.5
7 52.9	+24.3	+24	1826	7 52.8	+24	19	7.8
7 42.0	+24.5	+24	1785	7 41.9	+24	31	7.4
8 18.2	+25.0	+25	1920	8 18.0	+25	1	6.5
8 0.8	+25.3	+25	1860	8 0.7	+25	13	8.0
7 53.1	+25.5	+25	1816	7 53.0	+25	29	7.0
7 52.1	+25.8	+25	1812	7 52.2	+25	46	6.5
7 51.7	+25.4	+25	1810	7 51.7	+25	25	8.0
8 1.9	+25.9	+25	1865	8 1.7	+25	56	6.1
8 1.8	+26.3	+26	1728	8 1.4	+26	16	6.8
			1729	8 1.5	+26	17	9.2
~~8 52.5~~	~~+26.7~~	+26	1707	7 54.5	+26	40	7.5

* BD. +24° 1805 superposed on BD. +24° 1806.

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1893phae.proj..883F

R.A. 8h 40m +21.9 August 15 '93.

Plate II 35

h.	M.	Cl.	No.	Rem.	Klinc	Int.
4.8	6.5	a			N	1
4.0	18.7	a			K = 3	2
5.3	11.8	"			N	1
5.7	17.7	a			N	1
7.0	8.8	"			"	1
7.0	11.0	Gd			K = N	1
6.8	14.1	a			N	1
7.8	12.6	a			N	2
7.5	12.9	F	3364		K = 1/4	2
9.0	10.1	N			N	1
9.0	13.2	F	3365		K = N	1
8.7	14.1	E			"	1
8.8	16.8	Gd			K = 1.2	4
8.8	23.1	l			K = 1/4	2
9.3	10.5	a			N	3
10.2	14.1	a			K = .1	3
10.2	16.5	F	3366		K = N	2
10.6	16.4	a			"	1
10.6	17.3	a?			N	1
10.4	18.1	a			"	1
11.0	15.5	F	3367		K = 1/4	1
11.0	18.8	a			"	1
11.0	19.2	"			"	1
11.0	20.2	"			K = .5	2
10.5	23.1	N			N	1
10.5	23.4	a			K = 1/4	2
11.3	18.1	a			"	1
11.6	18.7	"			K = .5	2

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R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
8h 58.m1	+16.°4 +16°	1901	8h 58.m1	+16° 26′	7.5
8 49.5	+16.1 +16	1864	8 49.5	+16 8	6.1
8 47.0	+16.8 +16	1855	8 47.1	+16 46	8.4
8 34.7	+16.9 +16	1802	8 34.7	+16 58	8.0
8 53.6	+17.6 +17	1990	8 53.6	+17 40	7.5
8 49.0	+17.7 +17	1979	8 49.0	+17 42	6.8
8 42.4	+17.6 +17	1955	8 42.4	+17 34	8.0
8 45.6	+18.1 +18	2075	8 45.7	+18 5	7.5
8 45.0	+17.9 +17	1966	8 45.0	+17 55	7.7
8 50.9	+18.7 +18	2093	8 51.0	+18 42	7.0
8 44.4	+18.7 +18	2069	8 44.4	+18 44	7.0
8 42.4	+18.5 +18	2057	8 42.5	+18 32	7.0
8 36.5	+18.7 +18	2027	8 36.4	+18 42	4.5
8 23.2	+18.6 +18	1963	8 23.3	+18 35	6.0
8 50.0	+18.9 +18	2090	8 50.1	+18 52	6.8
8 42.5	+19.4 +19	2110	8 42.5	+19 23	6.5
8 37.2	+19.4 +19	2095	8 37.2	+19 21	7.2
8 37.5	+19.6 +19	2097	8 37.5	+19 34	8.2
8 35.6	+19.6 +19	2090	8 35.6	+19 33	var.
8 33.9	+19.4 +19	2084	8 33.9	+19 27	8.0
8 33.0	+19.8 +19	2078	8 33.0	+19 46	8.7
8 32.4	+19.7 +19	2073	8 32.3	+19 43	8.2
8 31.4	+19.8 +19	2064	8 31.4	+19 47	8.0
8 29.4	+19.7 +19	2053	8 29.5	+19 47	7.2
8 23.4	+19.5 +19	2027	8 23.4	+19 28	7.2
8 22.7	+19.5 +19	2024	8 22.7	+19 26	8.0
8 34.0	+19.9 +19	2083	8 33.8	+19 55	8.4
8 32.8	+20.1 +20	2175	8 32.6	+20 5	7.7

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1893phae.proj..883F

August 15, 1893

Plate 1135

h	M	Obs.	No.	Rem.	K line	Est.
12.0	18.8	a			K=H	2
11.6	18.9	a			K=3	3
11,2	18.9	"			H	2
11.7	19.0	"			"	2
11.6	19.1	"			K=H	2
11.6	19.2	"			"	2
12.0	19.3	"			"	2
11.8	19.5	F	3368		"	2
11.6	20.2	a			H	1
12.0	20.1	"			"	1
12.0	20.0	"			"	1
11.7	21.3	E			K=H	2
12.5	12.5	F	3369		"	1
12.6	16.4	b			"	1
12.2	18.2	H			"	1
12.4	18.5	a			H	1
12.4	19.0	a			H	3
12.5	19.1	F	3370		K=H	1
12.6	19.2	a			H	1
13.7	16.1	"			"	2
13.4	18.5	"			K=.2	2
13.2	20.9	"			H	1
13.4	22.6	d			K=H	3
15.3	17.6	a			K=.1	4
16.9	5.8	g			K=.5H	2
18.7	6.6	F	3371		K=H	2
19.8	19.7	"	3372		"	1
20.6	10.7	a			"	1

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
8h 32.m6	+20.2 +20°	2172	8h 32.4	+20° 14′	7.1
8 32.2	+20.0 +20	2171	8 32.1	+20 4	7.2
8 32.0	+19.9 +19	2069	8 32.0	+19 52	7.0
8 32.1	+20.1 +20	2166	8 32.0	+20 10	7.3
8 31.5	+20.1 +20	2158 3	8 31.6	+20 3	8.2
		2152	8 31.6	+20 4	8.2
8 31.4	+20.0 +20	2149	8 31.5	+20 15	7.0
8 31.4	+20.3 +20	2149	8 31.4	+20 18	7.0
8 30.8	+20.2 +20	2143	8 30.8	+20 11	8.0
8 29.3	+20.0 +20	2133	8 29.3	+20 2	8.4
8 29.2	+20.2 +20	2132	8 29.3	+20 15	8.2
8 27.4	+20.3 +20	2123	8 27.4	+20 16	8.2
8 27.0	+20.1 +20	2118	8 27.0	+20 5	7.7
8 45.7	+20.5 +20	2232	8 45.6	+20 31	7.2
8 37.5	+20.5 +20	2207	8 37.5	+20 34	8.0
8 33.7	+20.4 +20	2185	8 33.5	+20 23	7.5
8 33.0	+20.4 +20	2179	8 32.9	+20 26	8.6
8 31.9	+20.5 +20	2159	8 31.8	+20 29	7.3
8 31.8	+20.6 +20	2158	8 31.8	+20 31	7.0
		2161?			
8 31.3	+20.7 +20	2148	8 31.4	+20 36	8.0
8 38.0	+21.1 +21	1909	8 38.0	+21 8	7.0
8 33.0	+20.9 +20	2178	8 32.8	+20 59	7.0
8 27.9	+20.9 +20	2125	8 27.9	+20 51	8.1
8 24.4	+20.9 +20	2109	8 24.3	+20 56	5.6
8 34.9	+21.9 +21	1895	8 34.9	+21 59	4.5
9 1.0	+22.7 +22	2061	9 1.1	+22 37	4.8
8 59.0	+23.6 +23	2048	8 59.1	+23 34	6.5
8 30.2	+24.2 +24	1968	8 30.2	+24 11	6.5
8 30.3	+24.5 +24	2022	8 30.3	+24 32	7.5

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Plate 1133 continued.

R. A.	Dec.	Ob.	No. Rem.	Line Int.
20.5	21.0	a	N.	2
20.6	22.4	E.	K=H	1
20.6	23.1	a	K=H	3
20.8	24.4	"	"	2
21.5	8.9	a	N	4
21.4	11.9	A. 3373	K=H	2
23.1	16.4	a	N	1
24.4	20.7	a	N.	2
22.9	21.8	"	"	1
23.9	23.2	"	"	1

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R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
8h 27.7m	+24.6	+24° 1955	8h 27.3m	+24°	33′	7.0
8 24.6	+24.6	+24 1946	8 24.4	+24	34	6.5
8 23.0	+24.6	+24 1940	8 22.9	+24	34	5.8
8 20.0	+24.6	+24 1931	8 20.0	+24	37	5.8
8 54.3	+25.0	+25 2029	8 54.3	+25	2	5.3
8 47.7	+25.0	+25 2013	8 47.7	+25	1	7.0
8 37.6	+25.9	+25 1983	8 37.5	+25	54	7.8
8 28.1	+26.5	+26 1809	8 28.0	+26	27	7.8
8 25.5	+25.7	+25 1950	8 25.5	+25	45	8.0
8 22.7	+26.3	+26 1794	8 22.6	+26	14	7.5

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1893phae.proj..883F

R.A. 13h 58m +21.6

h m
23.35

Plate 2364 August 18, '93

D.	M.	C.		Rem.	Num.
5.0	8.1	L		K=H	2
3.7	13.0	F.	3374	"	1
4.0	22.5	A.		"	3
5.8	16.6	F.	3375	"	1
5.2	18.3	A		&	1
5.8	21.0	H		"	1
6.2	14.5	"		"	1
7.6	13.4	"		"	1
7.6	16.6	A.		K=H	1
7.3	23.5	F.	3376	"	4
8.8	18.5	H		H	1
8.9	19.9	F.	3377	K=H	5
7.1	20.6	G		"	2
10.0	10.0	A		"	3
9.6	22.1	F.	3378	"	2
10.6	7.6	H		H	1
10.3	8.5	E.		K=H	1
10.5	10.1	G.		"	5
10.5	15.2	F.	3379	"	1
13.0	18.2	A.		"	1
10.9	19.6	X	H	H.	"
11.7	7.6	F.	3380	K H	1
12.0	10.5	F.	3381	"	2
11.7	13.0	H		H	1
12.4	9.8	F.	3382	K=H	3
13.0	13.1	F.	3383	"	2
13.4	11.8	A.		"	2
13.9	16.3	H		H	1

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1992phae.proj. .883F

R.A. 1855	Dec.		BD.	Ato.	R.A. 1855	Dec. 1855		Magn.
14h 12.9m	+16.9'	+16°	2687	14	12.9	+16°	58	5.3
14 2.7	+16.3	+16	2676	14	2.7	+16	18	7.0
13 42.6	+16.5	+16	2664	13	42.5	+16	32	4.2
13 54.7	+17.5	+17	2691	13	54.7	+17	27	7.0
13 51.1	+17.1	+17	2687	13	51.1	+17	7	7.3
13 45.6	+17.5	+17	2676	13	45.6	+17	26	7.2
13 59.5	+17.6	+17	2702	13	59.6	+17	40	6.9
14 1.8	+18.3	+18	2830	14	1.9	+18	19	7.3
13 54.7	+18.4	+18	2813	13	54.7	+18	23	6.8
13 40.5	+18.2	+18	2782	13	40.4	+18	11	4.6
13 50.7	+18.9	+18	2804	13	50.7	+18	57	7.8
13 47.9	+19.1	+19	2725	13	47.8	+19	8	3.2
			2726	13	47.9	+19	6	9.4
13 46.3	+18.7	+18	2795	13	46.3	+18	39	6.5
*14 9.2	+19.6	+19	2779	14	9.3	+19	36	6.7
13 43.1	+19.3	+19	2719	13	43.2	+19	21	7.2
14 14.4	+19.9	+19	2796	14	14.4	+19	51	7.2
14 12.4	+19.7	+19	2793	14	12.3	+19	44	7.3
14 9.0	+19.9	+19	2777	14	9.0	+19	56	1.0
13 57.6	+19.9	+19	2752	13	57.7	+19	52	7.9
13 51.2	+20.1	+20	2904	13	51.2	+20	10	8.9
13 48.6	+20.1	+20	2897	13	48.5	+20	6	8.3
14 14.3	+20.4	+20	2966	14	14.3	+20	25	7.5
14 8.3	+20.5	+20	2949	14	8.3	+20	34	8.0
14 3.0	+20.4	+20	2933	14	3.0	+20	25	8.2
14 9.8	+20.8	+20	2954	14	9.8	+20	48	7.0
14 2.9	+21.2	+21	2618	14	2.8	+21	10	7.7
14 5.4	+21.3	+21	2625	14	5.4	+21	16	7.5
13 55.5	+21.6	+21	2598	13	55.5	+21	35	7.5

*BD +19° 2778 authorized on BD. +19° 2779

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August 18, 1893

Plate 2364

h	M	Mb.	Dos Rem, Nebulae		Int.
14.0	18.7	N		K=H	2
13.4	20.0	E		"	1
14.7	9.0	H		"	1
14.6	10.0	F	3384	K=H	1
14.5	13.7	E		"	1
14.9	15.2	A		"	1
14.7	21.8	E		"	1
14.6	22.2	L		"	3
15.8	10.7	A		K=.5	3
16.0	16.8	E		K=H	2
15.4	18.0	A		K=.1	3
16.9	11.7	F	3385	K=H	1
16.4	14.6	H		"	1
17.0	15.8	A		"	2
17.5	12.3	F	3386	"	1
17.5	14.9	H		H	1
17.4	19.3	"		"	1
19.4	10.6	F	3387	K=H	2
20.6	13.7	H		H	2
20.7	17.6	A		"	1
21.7	11.3	"		"	1
21.5	17.8	H		"	1
22.8	7.0	F	3388	K=H	2
22.2	12.7	L	3389	"	4
23.7	15.1	F	3390	K=H	2
23.6	17.7	A		"	2
23.9	19.0	F	3391	"	2
23.6	23.3	F	3392	"	2

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R.a. 1855.	Dec.	BD. No.	R. A. 1855.	Dec. 1855.	Magn.
13h 50.1m	+21.7	+21° 2593	18h 50.3m	+21° 40'	6.8
*2 13 47.5	+21.4	+21 2588	13 47.6	+21 22	8.0
14 11.7	+21.9	+21 2638	14 11.7	+21 58	7.2
14 9.4	+21.9	+21 2632	14 9.5	+21 56	7.5
14 1.6	+21.9	+21 2613	14 1.5	+21 53	8.0
13 57.8	+22.1	+22 2659	13 57.7	+22 5	8.0
13 43.5	+21.9	+21 2579	13 43.5	+21 59	7.5
		2580	13 43.6	+21 60	7.4
13 43.0	+21.9	+21 2578	13 42.9	+21 59	5.1
14 7.9	+22.5	+22 2678	14 8.0	+22 34	6.5
13 54.2	+22.7	+22 2651	13 54.3	+22 41	6.8
13 51.9	+22.4	+22 2650	13 51.9	+22 25	5.5
14 6.0	+23.0	+23 2662	14 5.9	+23 4	7.5
13 59.4	+22.9	+22 2661	13 59.5	+22 52	6.5
13 56.6	+23.2	+23 2644	13 56.6	+23 12	6.5
14 4.6	+23.4	+23 2661	14 4.6	+23 22	8.1
13 58.9	+23.4	+23 2647	13 59.0	+23 26	7.3
13 49.1	+23.4	+23 2631	13 49.0	+23 24	7.3
14 8.4	+24.4	+24 2407	14 8.4	+24 22	6.5
14 1.7	+25.0	+25 2733	14 1.6	+25 0	6.2
13 52.8	+25.0	+25 2713	13 52.7	+25 0	7.5
14 7.2	+25.4	+25 2744	14 7.1	+25 28	8.0
13 52.2	+25.4	+25 2712	13 52.2	+25 25	6.8
14 16.8	+26.0	+25 2770	14 16.6	+25 60	6.1
14 3.8	+25.8	+25 2737	14 3.8	+25 47	4.8
13 58.0	+26.5	+26 2521	13 58.1	+26 31	6.8
13 52.5	+26.5	+26 2511	13 52.4	+26 31	7.3
13 49.5	+26.6	+26 2508	13 49.5	+26 38	6.8
13 39.9	+26.4	+26 2494	13 40.0	+26 25	6.0

BD+23°2660 superposed on BD+23°2661, *2 BD+21°2589 superposed on BD+21°2585,

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1893phae.proj..883F

R.A. h 14 m 40 ° +21.6 August 18 '93.

h m
23. 53 Plate 1388

K.	H.	Cl.	& Rem.	Klinic	Int.
4.7	7.8	F	3393	K=H	1
5.2	10.4	G		"	3
3.9	12.2	F	3394	"	2
5.2	18.2	A		K=.2	5-
7.0	9.6	F	3395	K=H	1
6.6	10.8	F	3396	"	1
6.2	16.0	A		K=1.2	4
7.8	11.5	B		K=H	1
7.9	15.0	E		"	1
8.0	15.9	B		"	1
7.7	22.6	F	3397	"	2
8.4	7.6	B		"	1
8.8	12.3	"		"	1
8.7	14.5	"		"	2
9.0	15.2	F	3398	"	1
8.9	19.4	G?		"	3
9.3	5.7	A		K	3
9.6	13.3	E		K=H	1
10.0	16.0	G		"	3
9.2	16.5	B		"	1
9.3	17.7	"		"	1
9.3	17.8	"		"	1
10.6	7.7	F	3399	"	1
10.2	10.2	G		"	2
10.5	12.3	G_2	?	"	3
10.4	13.3	G		"	4
10.4	15.0	F	3400	"	2
10.1	18.0	F	3401	"	1

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
14h 55.8m	+16.8°	+16° 2725	14h 55.8m	+16° 37′	7.0
14 50.4	+16.9	+16 2715	14 50.4	+16 60	6.1
14 46.6	+16.3	+16 2705	14 46.6	+16 17	6.2
14 33.9	+17.0	+17 2768	14 33.9	+17 3	3.8
14 52.3	+17.9	+17 2806	14 52.3	+17 56	8.0
14 49.8	+17.7	+17 2803	14 49.8	+17 42	7.8
14 38.5	+17.6	+17 2780	14 38.5	+17 35	4.5
14 48.5	+18.3	+18 2955	14 48.4	+18 18	8.0
14 40.8	+18.4	+18 2933	14 40.7	+18 22	8.3
14 38.8	+18.5	+18 2926	14 38.8	+18 29	8.0
14 24.8	+18.3	+18 2888	14 24.8	+18 17	6.8
14 56.6	+18.5	+18 2972	14 56.6	+18 33	7.2
14 46.7	+18.8	+18 2951	14 46.7	+18 50	7.7
14 42.2	+18.8	+18 2935	14 42.2	+18 49	7.5
14 40.4	+18.9	+18 2931	14 40.4	+18 57	8.1
14 31.5	+18.9	+18 2906	14 31.5	+18 56	6.1
15 0.8	+19.0	+19 2924	15 0.7	+19 1	6.1
14 44.6	+19.3	+19 2869	14 44.6	+19 15	8.0
14 38.6	+19.5	+19 2854	14 38.7	+19 30	6.5
14 37.5	+19.1	+19 2850	14 37.5	+19 6	7.4
14 35.2	+19.1	+19 2844	14 35.1	+19 7	7.5
14 34.8	+19.1	+19 2842	14 34.9	+19 6	8.1
14 56.5	+19.7	+19 2912	14 56.5	+19 40	8.2
14 51.1	+19.6	+19 2891	14 51.1	+19 34	6.8
14 46.8	+19.7	+19 2881	14 46.8	+19 45	6.3
14 44.8	+19.7	+19 2870	14 44.7	+19 43	5.0
14 40.9	+19.7	+19 2863	14 40.8	+19 40	7.5
14 34.5	+19.5	+19 2841	14 34.5	+19 33	8.5

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1893phae.proj..083F

August 18, '93.

Plate 1388

R.	R.	Cl. & Nem.	Kline	Int.
10.8	20.8	E.	K=N	1
12.0	7.1	E	"	1
12.0	12.3	E	"	2.
11.6	14.0	a	N	1
11.2	14.2	"	N	3
11.6	13.4	E	K=N	1
11.8	15.2	"	"	2
11.9	19.2	F 3402	"	2
11.9	19.7	F 3403	"	2
12.8	13.0	a	K=.2	3
12.5	16.0	F 3404	K=N	1
13.0	14.3	E	"	1
13.9	23.7	N	N	1
13.2	17.3	"	"	1
14.8	14.7	F 3405	K=N	2
14.8	17.4	F 3406	"	2
14.4	17.6	G	"	3
15.3	10.7	a	K=.1	4
15.6	14.9	a	K=N	2
15.7	17.1	F 3407	"	1
16.0	18.3	F 3408	"	4
16.3	8.9	G & d	"	3
17.0	14.7	N	N	1
16.5	18.6	a	N	2
16.7	21.9	F 3409	K=N	4
17.2	7.1	F 3410	"	2
18.0	13.6	a	"	2
18.9	12.7	E	"	1

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1893phae.proj..883F

R.A. 1855. h m	Dec.	BD.	No.	R.A. 1855. h m	Dec. 1855. °		Magn.
14 28.5	+19.9	+19°	2824	14 28.5	+19°	51	8.1
14 58.0	+20.4	+20	3056	14 57.9	+20	26	7.5
14 47.0	+20.5	+20	3036	14 46.9	+20	29	7.5
14 42.6	+20.3	+20	3025	14 42.5	+20	18	8.0
14 42.9	+20.1	+20	3026	14 42.8	+20	7	6.9
14 43.2	+20.2	+20	3028	14 43.2	+20	15	9.0
14 40.3	+20.4	+20	3024	14 40.3	+20	25	7.5
14 31.8	+20.5	+20	3000	14 31.8	+20	29	8.2
14 30.8	+20.5	+20	2996	14 30.7	+20	26	8.5
		+20	2997	14 30.8	+20	29	8.2
14 45.6	+20.9	+20	3032	14 45.5	+20	54	7.3
14 38.6	+20.8	+20	3020	14 38.7	+20	47	8.5
14 42.6	+21.0	+21	2692	14 42.5	+21	0	8.0
14 ~~45.6~~ 22.2	~~+20.9~~ 21.4	+21	2658	14 22.3	+21	25	7.0
14 35.9	+21.1	+21	2677	14 35.9	+21	6	8.0
14 41.9	+21.9	+21	2690	14 41.8	+21	56	8.0
14 35.8	+21.9	+21	2676	14 35.8	+21	56	7.8
14 35.2	+21.7	+21	2674	14 35.3	+21	45	6.5
14 50.6	+22.1	+22	2764	14 50.5	+22	8	6.2
14 41.4	+22.3	+22	2750	14 41.4	+22	19	8.2
14 36.5	+22.4	+22	2738	14 36.4	+22	24	8.1
14 33.8	+22.6	+22	2731	14 33.8	+22	36	6.0
14 54.5	+22.6	+22	2772	14 54.4	+22	38	6.3
14 41.9	+23.0	+23	2737	14 41.9	+23	0	7.7
14 33.1	+22.8	+22	2727	14 33.2	+22	48	8.0
14 26.0	+22.9	+22	2715	14 25.9	+22	54	6.3
14 58.4	+22.9	+22	2780	14 58.3	+22	59	8.2
14 44.3	+23.5	+23	2747	14 44.3	+23	31	7.9
14 46.3	+23.9	+23	2749	14 46.2	+23	57	8.2

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1893phae.proj..883F

August 18. 93

Plate 1388

h.	M.	Cl.	Ds.	Rem.	Klmn	Int.
18.2	14.1	F	3411		K=H	2
18.4	14.4	F	3412		"	1
18.6	20.3	G8-l			"	3
19.3	11.7	H			H	1
19.8	12.8	G			K=H	2.
19.9	13.9	F5-G	3413		"	3
19.3	14.5-	F	3414		"	1
19.1	14.8	F	3415-		"	1
19.7	15.1	a			"	1
19.4	20.1	H			H	1
20.5-	10.0	a			K=H	2
20.9	11.3	G5-l			"	2
20.8	14.7	F	3416		K=1.2	3
21.0	19.8	a.			K=H	2
20.2	20.2	E.			"	1.
20.6	20.3	a.			H	1
21.0	21.1	a.			H	2
22.0	6.1	F	3417		K=H	4
21.5-	10.5	H			H	1
21.5	14.0	a			K=2	3
21.2	17.6	F	3418		K=H	2
22.9	10.7	F	3419		K=H	1
22.4	11.2	F	3420		K=H	1
22.4	14.4	H			"	2
22.1	20.3	F	3421		"	1
24.2	17.6	a			H	1

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1893phae.proj.883F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
14h 43.2m	+23.6°	+23 2744	14h 43.2m	+23°	38'	7.0
14 42.5	+23.7	+23 2744	14 42.5	+23	47	8.7
14 29.8	+23.9	+23 2710	14 29.6	+23	53	6.3
14 48.6	+24.2	+24 2796	14 48.4	+24	12	7.8
14 46.3	+24.4	+24 2790	14 46.0	+24	23	6.8
14 43.8	+24.5	+24 2786	14 43.8	+24	31	5.8
14 42.6	+24.1	+24 2783	14 42.5	+24	10	8.5
14 41.7	+24.1	+24 2778	14 41.6	+24	6	8.3
14 40.9	+24.4	+24 2775	14 40.8	+24	23	8.3
14 30.0	+24.3	+24 2745	14 30.0	+24	15	7.8
14 52.5	+24.8	+24 2803	14 52.4	+24	45	6.8
14 49.5	+24.9	+24 2798	14 49.6	+24	59	6.7
14 42.0	+24.9	+24 2779	14 42.0	+24	58	6.1
14 30.6	+25.1	+25 2804	14 30.4	+25	6	7.5
14 29.9	+24.6	+24 2744	14 29.7	+24	38	7.8
14 29.4	+24.8	+24 2743	14 29.4	+24	51	8.3
14 27.9	+25.0	+25 2796	14 27.8	+25	1	8.1
		+25 2797	14 27.9	+25	2	8.1
15 1.0	+25.5	+25 2873	15 0.9	+25	27	4.8
14 51.4	+25.3	+25 2856	14 51.3	+25	16	7.5
14 43.5	+25.3	+25 2841	14 43.5	+25	20	7.0
14 35.3	+25.1	+25 2816	14 35.3	+25	9	7.5
14 51.1	+25.9	+25 2853	14 51.0	+25	54	7.5
14 49.8	+25.7	+25 2850	14 49.8	+25	40	8.0
14 43.0	+25.7	+25 2839	14 42.9	+25	46	6.8
*14 29.3	+25.6	+25 2802	14 29.4	+25	32	8.0
14 35.3	+26.6	+26 2592	14 35.4	+26	35	7.9

*BD +25° 2801 substituted for BD +25° 2802.

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1893phae.proj..883F

R.A. $16^h\ 42^m$ $+21.5^\circ$ August 18, 93.

Plate 1372

R.	Dec.	Color	Remarks	Spectrum	Dist.
5.3	9.1	a		N	1
4.7	11.3	a		K=N	1
3.9	13.8	a		N	1
5.1	14.3	a		N	1
6.3	15.0	a		K=N	1
6.3	21.2	a		N	3
6.4	21.2	"		"	1
7.7	9.7	a		K=N	1
7.4	10.0	a		N	1
8.0	13.1	F	3422	K=N	2
8.8	11.8	K		K=N	3
8.7	15.0	G		"	1
10.7	8.5	a		N	2
10.6	13.7	"		"	1
11.1	7.4	"		"	3
11.3	7.8	N		"	1
13.0	13.5	"		"	1
13.0	23.3	G		K=N	3
13.7	12.1	"		"	3
13.4	17.2	E		"	1
13.5	20.6	a		N	1
14.8	9.2	"		K=N	1
15.0	17.7	a		N	2
14.5	22.3	a		K=N	1
15.0	23.4	G		K=1.5	5
16.1	6.8	L		K=N	2
17.0	9.3	L		"	2
15.9	19.1	N		N	1

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
16h 54.3m	+16.8	+16° 3083	16h 54.3m	+16° 49'	7.2
16 49.9	+16.5	+16 3069	16 49.9	+16 32	7.2
16 44.7	+16.0	+16 3051	16 44.6	+16 3	7.5
16 43.5	+16.7	+16 3039	16 43.6	+16 46	7.7
16 41.9	+17.4	+17 3093	16 41.9	+17 24	6.8
16 29.0	+17.3	+17 3053	16 28.9	+17 21	6.2
16 29.0	+17.4	+17 3054	16 28.9	+17 25	7.5
16 53.4	+18.0	+18 3280	16 53.4	+18 1	7.0
16 52.7	+17.9	+17 3136	16 52.6	+17 55	7.2
*16 46.3	+18.3	+18 3261	16 46.3	+18 19	6.5
16 49.0	+18.7	+18 3266	16 49.0	+18 41	4.8
16 42.3	+18.6	+18 3244	16 42.3	+18 34	7.0
16 56.2	+19.6	+19 3217	16 56.2	+19 37	7.0
16 45.0	+19.6	+19 3178	16 45.0	+19 34	8.0
16 58.4	+19.5	+19 3220	16 58.4	+19 49	6.0
16 57.6	+19.9	+19 3218	16 57.6	+19 54	6.2
16 45.6	+20.8	+20 3342	16 45.5	+20 49	6.8
16 24.4	+20.8	+20 3283	16 24.3	+20 48	6.0
16 48.8	+21.2	+21 3002	16 48.7	+21 13	6.0
16 37.2	+20.9	+20 3323	16 37.2	+20 60	7.3
16 30.0	+21.0	+21 2949	16 30.0	+21 3	8.3
16 55.0	+21.7	+21 3022	16 54.9	+21 43	7.3
16 36.2	+21.8	+21 2970	16 36.2	+21 51	7.3
16 26.4	+21.6	+21 2940	16 26.4	+21 35	8.5
16 24.0	+21.8	+21 2934	16 24.0	+21 49	2.5
17 0.1	+22.3	+22 3073	17 0.2	+22 17	6.0
16 54.9	+22.9	+22 3045	16 54.8	+22 51	5.8
*16 33.2	+22.3	+22 3000	16 33.2	+22 17	7.2

*BD +18° 3260 entered here BD +18° 3261. *BD +22

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1893phae.proj..883F

August 1893

Plate 1372 Continued

h.	h.	Cl.	Ins.	Rem.	Lines	Dist.
16.4	22.9	H			K=H	2
17.8	18.9	A			"	2
17.7	20.2	E			"	1
18.8	16.8	A	3423		"	2
20.9	5.8	A			H	2
20.7	9.4	F	3424		K=H	1
20.5	10.8	G5			"	2
21.0	13.5	K			"	4
21.6	18.2	L			"	1
21.7	22.2	A			H	1
22.8	8.7	G5			K=H	2
22.5	10.9	E			"	1
23.2	12.0	G2			"	2
22.6	13.5	F	3425		"	2
24.1	24.1	A			"	2

R.A. 21h 39m – 15.0°

Plate 1855

5.1	10.2	A			H	1
7.0	7.5	A			K=H	1
7.2	13.4	H			"	1
7.4	18.2	F	3426		"	5
8.5	14.9	F	3427		"	5
10.5	9.7	A			"	1
11.2	16.3	"			K=.5	3
11.0	17.5	F	3428		K=H	1
11.9	16.8	A			"	3
12.9	5.5	A			H	4

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1893phae.proj..883F

R.A. 1855	Dec.	BD.	Nro.	R.A. 1855.	Dec. 1855.	Magn.
16h 25.0m	+22°5	+22	2983	16 25.0	+22 31	6.5
16 33.3	+22.3	+23	2970	16 33.5	+23 17	7.0
16 30.8	+23.2	+23	2965	16 30.7	+23 10	7.0
16 38.0	+23.8	+23	2984	16 38.1	+23 47	7.0
17 2.7	+24.7	+24	3117	17 2.6	+24 41	6.5
16 54.8	+24.6	+24	3104	16 54.7	+24 38	8.0
16 51.7	+24.6	+24	3095	16 51.7	+24 37	6.5
16 45.9	+24.9	+24	3069	16 45.7	+24 55	5.3
16 35.0	+25.1	+25	3015	16 35.0	+25 8	6.0
16 26.2	+25.1	+25	3094	16 26.3	+25 9	7.7
16 56.3	+25.7	+25	3183	16 56.4	+25 44	6.0
16 51.5	+25.5	+25	3166	16 51.6	+25 35	6.3
16 49.1	+25.9	+25	3156	16 49.1	+25 59	6.3
16 45.8	+25.6	+25	3150	16 45.8	+25 39	7.1
16 22.0	+26.3	+26	2845	16 21.9	+26 18	6.5

21	48.9	-18.6	-18	6037	21	48.8	-18 35	6.8
21	54.5	-17.7	-17	6422	21	54.5	-17 40	6.8
21	42.3	-17.5	-17	6389	21	42.2	-17 31	6.7
21	32.0	-17.3	-17	6340	21	32.1	-17 19	3.5
21	39.0	-16.8	-16	5943	21	39.0	-16 47	3.0
21	49.9	-15.8	-15	6103	21	49.9	-15 49	6.8
21	36.1	-15.4	-15	6052	21	36.1	-15 24	6.5
21	33.6	-15.5	-15	6037	21	33.5	-15 30	7.2
21	35.2	-15.0	-15	6046	21	35.2	-15 4	6.2
21	58.6	-14.6	-14	6209	21	58.6	-14 34	4.5

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1893phae.proj..883F

August 18 93

Plate 1855 Continued

R. A.	N. P. D.	Remarks	Spectrum	Star
12.6	17.5	G.	K=H	3
13.3	8.3	F.	3429	" 1
13.6	11.9	F.	3430	" 4
14.7	6.7	A.	H	1
15.0	15.7	F.	3431	K=H 2
15.4	9.4	F.	3432	" 1
15.2	13.7	A.	K=.3	3
16.2	17.3	F.	3433	K=H 1
17.3	15.0	F.	3434	" 2
17.9	15.1	A.	K=.2	4
20.0	11.8	a	H	3
19.4	18.6	G5 d	K=H	2
21.8	12.3	F.	3435	" 1
22.0	15.3	H.	H	1
22.7	13.3	H.	H	1
22.4	15.9	K.	K=H	3
23.5	9.8	a	H	2
24.8	19.6	a	K=H	1

R.A. 19h 22m +21.5°

Plate 1660

4.1	10.3	E.	K=H	1
4.6	13.6	a	H	1
5.0	16.2	"	"	1
5.0	16.4	"	"	2
5.0	22.1	"	"	2
6.0	18.5	G5 d	K=H	X3
5.7	9.9	a	H	1

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
21h 33.6m	-14.7	-14° 6102	21h 33.6m	-14° 42′	5.5
21 52.8	-14.4	-14 6188	21 52.8	-14 26	7.3
21 45.4	-14.3	-14 6149	21 45.4	-14 14	5.0
*21 56.2	-13.7	-13 6085	21 56.3	-13 43	7.2
*21 37.5	-13.5	-13 6008	21 37.5	-13 27	6.8
21 50.5	-13.4	-13 6060	21 50.6	-13 21	7.3
□21 41.9	-13.4	-13 6027	21 41.8	-13 24	6.5
21 34.1	-12.9	-12 6065	21 34.2	-12 54	8.0
21 38.9	-12.4	-12 6088	21 38.9	-12 22	7.3
21 38.7	-12.0	-12 6087	21 38.7	-12 2	5.5
21 45.9	-11.0	-10 5785	21 45.8	-10 60	6.8
21 31.8	-11.2	-11 5640	21 31.7	-11 14	6.3
21 44.8	-10.1	-10 5779	21 44.8	-10 6	7.8
21 38.6	-9.9	-9 5833	21 38.5	-9 56	6.7
21 42.8	-9.6	-9 5854	21 42.9	-9 39	7.0
21 37.2	-9.8	-9 5829	21 37.3	-9 45	5.5
21 50.0	-9.3	-9 5876	21 50.0	-9 15	7.5
		5877	21 50.0	-9 16	8.7
21 30.0	-8.5	-8 5701	21 30.0	-8 30	5.0

19	30.8 +~~17.9~~ 16.6 / 27.0	+16	3918	19	30.8	+16 9	5.2
			3919	19	30.8	+16 19	8.1
19	~~23.5~~ +16.4	+16	3874	19	24.0	+16 30	7.0
19	18.2 +16.7	+16	3842	19	18.2	+16 41	6.7
19	17.9 +16.7	+16	3839	19	17.9	+16 40	5.8
19	6.1 +16.6	+16	3775	19	6.1	+16 36	7.0
19	34.4 +17.2	+17	4048	19	34.5	+17 10	4.2
19	31.6 +16.9	+16	3925	19	31.6	+16 56	6.9

*BD. -13° 6084 interfused on BD. -13° 6085

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1893phae.proj..883F

August 15, 1893

Plate 1660

λ	H.	Cl.	No. Rem.	H line Int.	
7.0	9.0	G		K=1.5	3
7.0	13.0	a		H	1
6.5	13.6	"		"	1
6.8	14.7	F	3436	K=H	1
6.7	17.5	a		H	1
8.0	7.9	"		"	2
7.2	16.5	a		K=H	1
8.2	5.5	Q		"	3
8.5	9.4	a		H	1
8.3	10.0	a		H	1
9.0	10.3	N		H	1
8.1	14.4	F	3437	K=H	1
8.9	14.7	F	3438	"	1
9.0	15.4	a		H	1
8.5	16.4	"		"	1
9.0	19.9	E		K=H	1
9.8	10.1	a		"	1
9.3	17.9	F	3439	"	2
10.4	11.7	a		H	4
10.7	15.3	N		H	2
11.0	15.4	a		K=.1	3
10.5	15.8	G2	d	K=H	3
10.8	16.1	a		H	2
10.2	18.9	a		H	2
10.7	17.7	a		K=H	1
11.9	8.9	E		"	2
11.8	12.3	a		"	1
11.5	14.1	"		"	3

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855	Magn.
19h 33.6m	+17.7°	+17° 4042	19h 33.6m	+17° 42'	4.3
19 25.1	+17.7	+17 3991	19 25.1	+17 39	7.6
19 23.9	+17.4	+17 3987	19 23.9	+17 23	7.0
19 21.6	+17.6	+17 3976	19 21.6	+17 33	6.5
19 15.6	+17.5	+17 3943	19 15.6	+17 29	7.0
19 35.9	+18.1	+18 4204	19 35.9	+18 8	7.0
*19 17.6	+17.7	+17 3949	19 17.6	+17 42	7.9
19 41.0	+18.2	+18 4240	19 40.9	+18 10	4.0
19 32.8	+18.4	+18 4179	19 32.8	+18 22	8.0
19 31.4	+18.3	+18 4168	19 31.5	+18 16	7.0
19 31.0	+18.6	+18 4162	19 31.0	+18 39	6.7
19 22.4	+18.2	+18 4094	19 22.4	+18 11	7.9
19 21.9	+18.6	+18 4091	19 21.8	+18 38	7.3
19 20.0	+18.7	+18 4075	19 20.0	+18 42	8.2
19 17.8	+18.4	+18 4055	19 17.8	+18 28	7.3
19 10.4	+18.7	+18 4014	19 10.4	+18 44	7.0
19 31.4	+19.0	+19 4090	19 31.5	+19 2	7.9
19 14.6	+18.9	+18 4043	19 14.6	+18 52	6.8
19 28.2	+19.4	+19 4063	19 28.2	+19 28	5.8
		4016	19 20.1	+19 37	9.5
19 20.1	+19.6	+19. {4017	19 20.1	+19 36	6.2
		4018	19 20.2	+19 37	9.5
19 19.9	+19.8	+19 4015	19 19.9	+19 49	6.1
19 19.1	+19.5	+19 4010	19 19.1	+19 31	5.0
19 18.3	+19.6	+19 4004	19 18.4	+19 39	7.2
		3974 +19	12.4	+19 22	9.2
19 12.5	+19.3	+19 {3975	19 12.5	+19 21	6.8
19 15.3	+19.5	+19 3991	19 15.3	+19 33	8.0
19 34.2	+20.1	+20 4218	19 34.1	+20 9	6.7
19 26.9	+20.1	+20 4179	19 27.0	+20 6	7.8
19 23.0	+19.9	+19 4039	19 23.0	+19 59	7.0

*BD +17° 3948 & 3950 estimated on BD. +17° 3949.

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1893phae.proj..883F

August 16. 1893

Plate 1660 Continued

R.	H.	C.	Ks.	Rem.	H line	Dist.
11.4	14.8	a			N	2
11.5	15.3	a			N	2
11.5	15.9	a			N	3
11.5	16.6	a			N	3
11.5	16.9	H			N	1
11.4	20.7	E			K=N	2
12.5	9.3	E			"	1
12.5	9.9	E			"	1
12.6	11.2	a			N	1
12.9	12.4	a			N	1
12.8	12.9	a			N	2
12.9	17.7	a			N	2
13.1	15.1	"			"	2
13.1	15.2	a			N	2
13.7	20.1	B	3440		N	4
13.4	20.5	a			K=3	3
14.0	21.7	a			N	2
14.1	8.9	a			K=H	1
14.9	10.5	a			K=.5	2
14.9	11.9	a			K=H	1
14.6	12.2	E			"	2
14.2	15.2	a			"	2
14.6	19.5	a			K=.5	2
14.5	23.9	F	3441		K=H	2
15.9	7.6	a			N	2
15.8	8.6	H			N	1
15.5	9.5	F	3442		K=H	1
16.0	11.0	a			N	3

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
19h 21.5m	+19.9	+19° 4028	19h 21.6m	+19° 57′	7.4
19 20.2	+19.9	+19 4019	19 20.2	+19 58	6.6
19 19.0	+19.9	+19 4009	19 19.1	+19 60	6.6
19 17.4	+19.9	+19 4000	19 17.5	+19 59	6.5
19 17.0	+19.9	+19 3997	19 16.9	+19 60	7.1
19 8.9	+19.9	+19 3956	19 8.7	+19 58	6.0
19 33.4	+20.5	+20 4215	19 33.3	+20 27	7.8
19 32.0	+20.5	+20 4210	19 32.0	+20 28	6.7
19 29.2	+20.6	+20 4191	19 29.2	+20 34	8.7 m2
		+20 4193	19 29.2	+20 30	8.3
19 26.8	+20.7	+20 4178	19 26.7	+20 42	7.8
* 19 25.8	+20.6	+20 4175	19 25.8	+20 38	7.0
19 15.0	+20.7	+20 4114	19 15.0	+20 41	7.8
19 20.8	+20.8	+20 4142	19 20.7	+20 49	8.0
19 20.5	+20.8	+20 4139	19 20.5	+20 52	7.7
19 10.0	+21.1	+21 3713	19 10.0	+21 8	4.7
19 9.0	+20.9	+20 4088	19 9.0	+20 59	6.0
19 6.4	+21.3	+21 3690	19 6.4	+21 18	6.0
19 34.3	+21.2	+21 3868	19 34.3	+21 14	7.7
19 30.9	+21.7	+21 3849	19 30.9	+21 40	6.8
19 27.8	+21.7	+21 3827	19 27.8	+21 42	8.2
19 27.1	+21.5	+21 3822	19 27.2	+21 32	6.8
19 26.6	+21.3	+21 3782	19 20.5	+21 22	7.3
19 11.3	+21.5	+21 3719	19 11.3	+21 33	7.3
□ 19 2.0	+21.5	+21 3674	19 2.0	+21 33	7.7
19 37.2	+22.1	+22 3784	19 37.2	+22 9	7.0
19 35.1	+22.1	+22 3767	19 35.0	+22 7	6.7
19 33.1	+21.9	+21 3862	19 33.2	+21 56	7.5
19 30.0	+22.3	+22 3741	19 29.9	+22 16	6.5

* BD. +20° 4176 superposed on BD. +20° 4175. m2 BD. +20° 4141 superposed on BD. +20° 4142.

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1893phae.proj..083F

August 18 93

Plate 1660 Continued

h.	M.	Cl.	Cl. Rem.	Kline	Int.
15.9	11.2	a		N	1
15.2	11.4	a		N	1
15.9	13.6	a		N	1
16.0	14.4	"		"	1
15.3	17.2	"		K=H	1
16.0	16.6	a		N	1
16.0	17.3	a		N	1
15.9	17.4	a		N	2
15.3	17.9	a		N	3
15.8	19.8	a		N	2
15.8	19.6	a		N	1
16.6	7.9	E		K=H	1
17.0	9.8	a		N	2
16.9	19.3	B	3443	N	3
17.9	9.1	A		K=5	2
17.5	11.5	F	3444	K=H	1
17.5	18.6	a		N	1
18.0	22.3	a		N	2
18.4	8.9	a		N	2
18.3	10.9	a		N	1
18.8	16.7	E		K=H	1
19.4	10.3	a		N	1
20.0	14.4	Nla.		K=H	3
19.7	24.3	a		N	2
20.1	7.8	E		K=H	1
20.3	10.2	a		N	1
20.9	15.8	a		N	1
20.3	14.3	G		K=H	2

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1893phae.proj.883F

R.A. 1855	Dec.	B.D. No.	R.A. 1855	Dec. 1855	Magn.
19h 29.7m	+22.2°	+22° 3737	19h 29.4m	+22° 11′	7.8
19 29.0	+21.9	+21 3836	19 28.9	+21 51	7.4
19 24.2	+22.2	+22 3718	19 24.2	+22 12	8.0
19 22.6	+22.3	+22 3708	19 22.6	+22 16	8.3
19 16.3	+21.9	+21 3753	19 16.3	+21 55	7.9
19 17.6	+22.3	+22 3683	19 17.6	+22 17	8.3
19 16.0	+22.3	+22 3675	19 16.0	+22 16	8.2
19 15.8	+22.3	+22 3674	19 15.8	+22 14	7.7
19 14.8	+21.9	+21 3740	19 14.7	+21 56	6.7
19 11.0	+22.2	+22 3644	19 11.0	+22 10	8.0
19 11.5	+22.2	+22 3647	19 11.5	+22 11	7.5
*19 36.8	+22.5	+22 3776	19 36.6	+22 31	7.2
19 32.5	+22.7	+22 3752	19 32.5	+22 43	7.5
19 11.6	+22.8	+22 3648	19 11.6	+22 46	6.1
19 34.4	+23.1	+23 3731	19 34.2	+23 9	7.4
19 28.9	+23.1	+23 3699	19 28.9	+23 10	8.1
19 13.0	+23.0	+23 3625	19 13.2	+23 2	7.4
19 5.1	+23.3	+23 3586	19 5.1	+23 15	6.8
19 34.4	+23.4	+23 3733	19 34.5	+23 23	6.2
19 30.2	+23.4	+23 3707	19 30.2	+23 22	8.0
19 17.5	+23.7	+23 3641	19 17.4	+23 42	7.5
19 31.5	+23.9	+23 3717	19 31.6	+23 56	8.0
19 22.8	+24.4	+24 3759	19 22.7	+24 22	4.2
19 0.8	+24.0	+24 3640	19 0.6	+24 2	5.4
19 37.1	+24.3	+24 3849	19 37.0	+24 16	7.1
19 31.8	+24.3	+24 3815	19 31.8	+24 24	7.9
19 31.7	+24.7	+24 3814	19 31.7	+24 41	8.2
19 23.0	+24.5	+24 3761	19 22.9	+24 28	6.4

*BD +22° 3747 substituted for BD +22° 3776.

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1893phae.proj..883F

August 1893

Plate 1660 Continued

h.	h.	C.	Ks. Rem.	K line	Det.	
20.9	15.5	A		K = H		1
20.7	15.7	F	3445	K = H		2
20.9	20.8	A		N		1
20.5	23.7	"		"		1
21.2	11.2	A		N		1
22.0	12.9	F	3446	K = H		1
22.0	17.5	A		N		1
22.0	17.6	A		K = H		1
21.4	19.3	A		N		1
22.5	7.6	G5	l	K = H		2
22.9	12.0	A		N		1
23.0	15.7	A		N		1
22.5	21.0	A		N		2
22.3	16.9	B	3447	N		3
24.0	13.2	G5	l	K = H		2
24.8	18.5	A		N		1
24.4	20.5	"		"		1
24.5	22.0	F	3448	K = H		1

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1893phae.proj.883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
19h 19.9m	+24.8	+24° 3742	19h 19.9m	+24° 46'	8.0
19 19.4	+24.6	+24 3737	19 19.4	+24 39	6.1
19 8.3	+24.8	+24 3687	19 8.3	+24 46	7.4
19 2.0	+24.5	+24 3650	19 2.0	+24 30	6.5
19 29.8	+24.8	+24 3797	19 29.7	+24 51	8.1
19 26.0	+25.3	+25 3864	19 26.1	+25 17	6.6
19 15.7	+25.3	+25 3803	19 15.7	+25 18	7.5
19 15.5	+25.4	+25 3802	19 15.5	+25 20	7.0
19 11.4	+24.9	+24 3706	19 11.5	+24 59	7.8
19 37.8	+25.5	+25 3933	19 37.7	+25 26	5.8
19 28.0	+25.7	+25 3876	19 28.0	+25 45	6.5
19 19.7	+25.8	+25 3827	19 19.7	+25 49	7.5
19 7.9	+25.5	+25 3757	19 7.9	+25 31	6.9
19 17.0	+25.9	+25 3811	19 16.9	+25 59	5.5
19 25.3	+26.3	+26 3573	19 25.4	+26 19	6.5
19 13.2	+26.7	+26 3521	19 13.3	+26 40	7.2
19 9.0	+26.5	+26 3496	19 8.9	+26 29	8.2
19 5.5	+26.5	+26 3474	19 5.6	+26 30	7.4

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1893phae.proj..883F

RA $17^h 56^m$ $+22^\circ$ August 21, '93.

h. 22 m 50 Plate 2855.

h	M.	Cl.	No. Rem.	Spectrum	Obs.
4.2	11.6	F	3449	K=N	1
4.7	16.4	IIIa		N	3
6.7	22.6	A		K=N	2
7.5	7.9	"		N	2
7.8	18.1	F	3450	K=N	1
8.2	11.4	A		"	1
8.3	18.0	N		N	1
9.0	22.3	a		K=N	1
10.0	16.1	"		N	2
9.7	21.7	"		"	2
11.0	12.3	"		K=3	3
10.3	15.0	a		N	2
10.9	18.1	"		K=N	1
12.6	12.4	B	3451	N	4
12.6	15.2	B	3452	N	3
12.3	21.8	L		K=H	2
13.2	7.9	A		N	1
13.1	11.5	"		"	1
14.0	15.6	"		K=1	4
14.6	5.4	L		K=N	2
14.1	6.3	a		N	1
14.9	7.0	L		K=H	2
14.7	10.3	H		N	1
14.2	13.9	H		N	1
15.3	13.7	IIIa		N	3
15.9	18.2	L		K=H	2
15.6	20.6	A		"	2
16.7	6.9	A		N	2

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1893phae.proj.883F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
18h 3.6m	+16.4	+16° 3390	18h 3.7m	+16° 27′	6.0
17 53.6	+16.8	+16 3335	17 53.6	+16 47	4.9
17 40.8	+17.7	+17 3334	17 40.7	+17 47	5.5
18 11.7	+18.1	+18 3623	18 11.8	+18 5	6.4
17 50.0	+18.4	+18 3500	17 50.1	+18 22	6.8
18 4.5	+18.5	+18 3582	18 4.4	+18 28	7.2
17 50.2	+18.6	+18 3502	17 50.3	+18 39	6.5
17 41.2	+18.9	+18 3464	17 41.2	+18 57	6.5
17 54.1	+19.5	+19 3494	17 54.2	+19 31	6.5
17 42.5	+19.3	+19 3435	17 42.5	+19 18	6.0
18 2.8	+20.0	+20 3675	18 2.6	+20 2	5.5
*17 56.9	+19.6	+19 3508	17 57.0	+19 35	6.5
17 50.2	+19.9	+19 3474	17 50.2	+19 55	7.3
18 2.8	+20.8	+20 3674	18 2.6	+20 49	4.2
17 56.1	+20.8	+20 3649	17 56.2	+20 52	5.2
17 42.3	+20.6	+20 3570	17 42.2	+20 37	5.8
18 10.0	+20.9	+20 3715	18 10.0	+20 60	7.6
18 4.5	+21.0	+21 3328	18 4.4	+21 0	8.5
17 55.2	+21.6	+21 3280	17 55.4	+21 37	4.2
18 17.5	+21.7	+21 3411	18 17.5	+21 42	4.5
18 15.7	+21.4	+21 3400	18 15.7	+21 26	7.5
18 14.2	+21.9	+21 3390	18 14.2	+21 54	6.0
18 7.1	+21.9	+21 3347	18 7.1	+21 51	7.0
17 59.2	+21.6	+21 3300	17 59.4	+21 38	7.5
17 59.9	+22.2	+22 3273	17 59.9	+22 12	5.2
17 49.8	+22.5	+22 3237	17 49.7	+22 29	5.0
17 44.8	+22.4	+22 3227	17 44.7	+22 21	6.5
18 14.5	+22.7	+22 3337	18 14.6	+22 44	7.2

* BD +19° 3506 altered to read on +19° 3508

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1893phae.proj..883F

August 21, '93

Plate 2855 Continued

h	M.	C.	Ds	Rem.	Spectrum	Int.
16.8	14.1	H.			N	1
16.8	15.2	B	3453		N	2
17.6	6.2	H			N	2
17.6	8.1	H			N	1
17.7	13.2	a			N	1
17.7	14.3	a			K=N	2
18.9	17.6	G5-74			K=N	1
19.9	7.7	H a			N	1
19.8	24.0	G			K=N	2
20.9	12.4	a			N	2
21.6	20.7	a			N	2
22.3	21.4	l			K=N	2
23.0	18.3	F	3454		"	3
23.1	12.9	a			N	3

RA $\overset{h}{22}\ \overset{m}{40}$ $\overset{\circ}{-8}.\overset{'}{3}$

Plate 2876.

5.0	17.5	A			K	1
6.9	12.6	A			N	3
7.1	23.3	F	3455		K=N	1
7.5	23.7	A			N	3
8.9	15.0	F	3456		K=N	2
9.9	13.0	F	3457		"	1
9.8	17.7	H			N	1
9.9	19.5	h			K=N	1
10.7	16.5	a			"	1
10.7	22.1	F			N	1
11.2	19.1	F	3458		K=N	1

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
17h 59.0m	+22.9°	+22° 3267	17h 59.0m	+22° 54'	7.3
17 56.4	+22.9	+22 3260	17 56.4	+22 56	6.7
18 16.1	+23.2	+23 3316	18 16.1	+23 13	6.5
18 12.1	+23.2	+23 3299	18 12.1	+23 14	7.0
18 1.0	+23.4	+23 3265	18 1.0	+23 23	7.5
17 58.7	+23.9	+23 3254	17 58.7	+23 56	7.1
17 51.2	+24.0	+24 3283	17 51.3	+24 2	6.5
18 13.1	+24.4	+24 3381	18 13.2	+24 24	5.5
17 37.5	+24.5	+24 3237	17 37.4	+24 24	6.2
18 3.0	+24.9	+24 3342	18 3.0	+24 56	7.4
17 44.4	+25.4	+25 3357	17 44.4	+25 20	7.0
17 43.0	+25.7	+25 3353	17 42.9	+25 41	5.7
17 49.6	+26.1	+26 3120	17 49.6	+26 5	5.7
18 2.0	+26.1	+26 3178	18 2.0	+26 5	5.9

22	34.8	-13.3	-13	6247	22	34.9	-13 19	7.7
22	45.9	-12.4	-12	6371	22	45.8	-12 23	5.9
22	24.0	-11.7	-11	5855	22	24.0	-11 39	6.8
22	23.0	-11.4	-11	5850	22	23.0	-11 26	4.8
22	40.9	-11.3	-11	5923	22	40.9	-11 19	6.3
22	45.2	-10.9	-10	6008	22	45.1	-10 49	6.8
22	35.5	-10.9	-10	5975	22	35.4	-10 52	7.0
22	31.8	-10.8	-10	5963	22	31.6	-10 47	6.9
22	37.8	-10.4	-10	5982	22	37.7	-10 24	7.3
22	26.4	-10.4	-10	5947	22	26.5	-10 21	6.8
22	32.4	-10.1	-10	5966	22	32.5	-10 7	7.0

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Plate 2776 Continued

h.	m.	C.		In Rem.	Kline Scale	
12.3	9.3	F.		3459	K-H	1
13.3	17.7	A			K=H	2
14.0	20.0	E.			K=H	2
14.7	5.9	A			H	1
14.1	6.5	"			"	2
14.6	6.9	"			K=H	3
14.7	13.1	M.A			"	3
14.8	20.7	F.		3460	"	1
14.5	21.1	F.		3461	"	1
15.8	8.8	H			H	1
15.5	12.1	"			K=H	2
15.0	14.3	A			H	1
15.9	17.6	A			H	3
16.8	8.2	H			"	1
16.8	19.2	E			K=H	1
16.9	23.0	E.			"	1
16.7	23.6	F.		3462	"	1
17.9	12.7	F.		3463	"	2
19.9	11.9	G.D.			"	3
19.5	18.2	MA			H	1
20.4	7.5	E			K=H	1
20.4	8.7	L			"	2
20.3	10.6	H			"	1
21.4	15.4	G.			"	2
21.3	20.4	K			"	3
22.9	18.3	A			H	1
22.7	18.9	F.		3464	K=H	1
23.5	10.9	A			H	2

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R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
22h 52.8m	-9.7	-9° 6100	22h 52.7m	-9° 39'	7.0
* 22 35.5	-9.1	-9 6038	22 35.5	-9 4	7.0
22 30.8	-8.7	-8 5912	22 30.8	-8 39	6.8
22 59.7	-8.5	-8 6025	22 59.7	-8 28	7.8
22 58.3	-8.7	-8 6021	22 58.3	-8 43	7.0
22 57.6	-8.5	-8 6018	22 57.6	-8 28	5.8
22 45.1	-8.4	-8 5968	22 45.1	-8 21	4.2
22 29.5	-8.3	-8 5907	22 29.4	-8 19	7.7
22 28.6	-8.4	-8 5905	22 28.7	-8 25	7.0
22 53.9	-7.9	-7 5910	22 53.9	-7 50	6.8
22 47.0	-7.9	-7 5886	22 47.0	-7 59	7.0
22 42.6	-8.2	-8 5961	22 42.7	-8 13	8.5
22 35.8	-7.7	-7 5838	22 35.7	-7 43	7.0
22 55.0	-7.4	-7 5913	22 55.0	-7 21	6.8
22 32.6	-7.3	-7 5827	22 32.6	-7 17	7.5
22 25.0	-7.2	-7 5805	22 25.0	-7 13	7.4
22 23.8	-7.3	-7 5797	22 23.7	-7 18	6.5
22 46.0	-6.8	-6 6087	22 45.9	-6 45	7.0
22 47.8	-5.8	-5 5885	22 47.7	-5 46	6.0
22 34.5	-5.9	-5 5843	22 34.6	-5 51	6.7
22 56.4	-5.6	-5 5917	22 56.4	-5 34	7.0
22 54.0	-5.5	-5 5910	22 54.0	-5 29	6.0
22 49.8	-5.6	-5 5894	22 49.8	-5 35	6.5
22 40.2	-5.0	-4 5757	22 40.4	-4 59	7.0
		5759	22 40.4	-4 60	8.9
22 30.2	-4.9	-4 5716	22 30.2	-4 58	5.3
22 34.6	-4.2	-4 5733	22 34.6	-4 14	7.7
22 33.3	-4.3	-4 5728	22 33.3	-4 18	6.7
22 49.6	-4.0	-4 5793	22 49.6	-4 1	7.0

* BD -8 5991 substituted for BD -9° 6038 BD. -8° has been underlined on BD. -8° 6021.

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RA ^{h} 20 ^{m} 38 +21.5 August 21, 93.

Plate 29 10

	L. H. C.		Rem.	Klinc	Sht.
4.6	8.8	a		n	2
4.9	9.7	"		"	1
18.? 4.9	18.4	"		"	1
4.0	20.3	"		"	2
4.4	20.7	"		"	1
5.4	15.9	E		K=H	1
5.4	16.4	A		n	2
6.3	11.0	E		K=H	1
.9 ? 6.4	~~11~~ 12.1	a		n	2
6.3	14.3	NC		n	2
6.7	17.5	NB		K=H	2
7.6	7.5	H		n	1
7.9	22.4	E		K=H	1
8.9	7.2	L		"	2
7.3	17.9	a		n	1
9.7	10.2	H		K=H	1
9.4	10.5	a		n	1
9.2	14.8	H		"	1
9.5	15.7	a		"	2
10.0	16.4	H 3 4 6 5		K=H	2
9.4	17.2	a		n	2
9.2	21.4	"		"	2
9.6	21.5	"		"	2
10.0	23.4	E		K=H	1
11.0	9.6	H		n	1
10.4	11.1	E		K=H	1
10.6	11.4	a		n	1
11.0	14.7	a		K=H	2

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R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
20h 50.m3	+16° 5'	+16° 4407	20h 50.m3	+16° 34'	7.0
20 48.3	+16.7	+16 4401	20 48.3	+16 42	7.5
20 29.4	+16.3	+16 4315	20 29.6	+16 19	7.0
20 26.0	+16.3	+16 4291	20 26.1	+16 16	7.2
20 25.3	+16.5	+16 4288	20 25.2	+16 30	7.5
20 35.2	+17.0	+17 4382	20 35.3	+17 2	6.5
20 34.2	+17.0	+17 4378	20 34.3	+17 4	6.8
20 45.8	+17.5	+17 4438	20 45.9	+17 29	6.0
20 43.9	+17.5				
20 38.8	+17.6	+17 4431	20 43.9	+17 30	6.5
20 38.8	+17.6	+17 4401	20 38.8	+17 34	6.8
20 31.3	+17.8	+17 4370	20 31.3	+17 46	7.0
20 53.3	+18.0	+18 4668	20 53.3	+18 4	7.2
20 21.7	+18.3	+18 4505	20 21.7	+18 19	7.5
20 53.9	+18.8	+18 4674	20 53.8	+18 47	9.3
		+18 4675	20 53.8	+18 47	5.9
20 31.1	+18.6	+18° 4557	(20	+18° 4556)	
20 47.6	+19.2	+19 4555	20 47.6	+19 13	6.8
20 47.0	+19.0	+19 4552	20 47.1	+19 3	7.7
20 38.0	+18.9	+18 4602	20 37.9	+18 59	8.2
20 35.6	+19.1	+19 4490	20 35.6	+19 7	7.3
20 34.2	+19.4	+19 4484	20 34.2	+19 24	6.5
20 32.5	+19.0	+19 4476	20 32.6	+19 3	7.6
20 23.8	+18.9	+18 4517	20 23.7	+18 56	7.0
20 23.5	+19.2	+19 4426	20 23.6	+18 11	6.5
20 19.4	+19.4	+19 4408	20 19.5	+19 22	6.3
20 49.0	+19.9	+19 4564	20 49.0	+19 51	7.0
20 45.8	+19.6	+19 4544	20 45.8	+19 35	7.3
20 45.2	+19.7	+19 4537	20 45.2	+19 39	8.0
20 38.2	+19.9	+19 4501	20 38.3	+19 58	6.8

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Plate 2910 Continued.

R. A. C. to Penn Kline Jr.

10.8	20.1	A		N	1
10.4	21.8	A		N	2
10.5	22.3	"		"	2
10.4	22.7	F	3466	K=N	1
11.9	12.2	F	3467	"	1
11.7	14.2	A		N	1
11.5	15.9	A		K=N	2
11.9	16.6	"		N	1
12.0	19.5	B	3468	K	3
11.9	20.4	A		N	2
11.4	21.0	A		N	3
11 2	22.8	E		K=N	1
11.5	23.3	A		N	1
13.0	9.4	A		K=N	1
12.6	13.0	E		"	2
12.9	15.0	A		N	2
12.4	17.5	A		N	4
13.0	23.4	G		K=N	2
13.9	6.3	A		N	2
13.1	9.6	A		N	1
13.9	11.4	F	3469	K=N	1
13.4	12.9	K		N	1
13.9	16.5	A		N	2
13.7	17.1	A		N	3
13.9	20.7	A		K=N	2
13.3	23.7	A		N	2
14.8	8.0	K		N	1
14.7	8.4	K		K=N	2

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R.a. 1855	Dec.	BD. dec.	R.A. 1855.	Dec. 1855.	Magn.
20h 26.7m	+19.8°	+19° 4443	20h 26.7m	+19° 47'	8.2
20 22.9	+19.6	+19 4423	20 22.9	+19 36	6.5
20 21.9	+19.6	+19 4419	20 21.9	+19 38	6.5
20 21.0	+19.6	+19 4414	20 20.9	+19 36	8.0
20 43.5	+20.3	+20 4726	20 43.5	+20 21	7.2
20 39.2	+20.3	+20 4709	20 39.4	+20 16	8.2
20 35.5	+20.2	+20 4680	20 35.4	+20 13	7.7
		+20 4682	20 35.4	+20 11	7.8
20 34.0	+20.3	+20 4671	20 33.9	+20 22	8.2
20 27.8	20.5	+20 4629	20 27.7	+20 29	6.2
20 25.8	+20.4	+20 4611	20 25.8	+20 22	7.0
20 24.5	+20.1	+20 4602	20 24.5	+20 7	6.1
20 20.8	+20.0	+20 4571	20 20.8	+20 0	6.8
20 19.7	+20.1	+20 4561	20 19.6	+20 7	7.8
20 49.6	+20.9	+20 4772	20 49.6	+20 53	7.8
20 41.9	+20.7	+20 4720	20 41.9	+20 42	6.5
20 37.5	+20.9	+20 4699	20 37.5	+20 54	6.9
20 32.1	+20.6	+20 4658	20 32.0	+20 42	4.7
20 19.1	+20.9	+20 4559	20 19.3	+20 57	5.6
20 56.2	+21.2	+21 4448	20 56.3	+21 15	7.3
20 49.1	+21.1	+21 4408	20 49.2	+21 10	7.8
20 45.4	+21.3	+21 4387	20 45.4	+21 20	7.7
20 42.0	+21.1	+21 4362	20 42.1	+21 6	7.5
20 34.0	+21.4	+21 4318	20 34.2	+21 25	7.2
20 32.9	+21.3	+21 4305	20 32.7	+21 19	6.0
20 25.1	+21.4	+21 4247	20 25.1	+21 25	6.5
20 18.9	+21.0	+21 4203	20 18.8	+21 1	6.9
20 52.7	+21.8	+21 4426	20 52.6	+21 47	7.0
20 51.8	+21.8	+21 4424	20 51.8	+21 46	5.1

BD +20° 4610 substituted on BD +20° 4611 ↓ BD. +20° 4670 substituted on BD. +20° 4671.

BD +21° 4447 substituted on BD +21° 4448

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Plate 2910

K.	H.	C.	K.	Rem.	Kline	Int.
14.9	12.7	F	3470	K=H		1
14.4	19.9	A		"		1
14.2	20.2	A		H		2
14.5	22.3	E		K=H		1
15.3	9.4	A		H		1
15.6	12.0	A		H		2
16.0	12.9	A		H		2
15.5	13.3	F	3471	K=H		1
15.9	14.2	A		H		2
16.0	15.2	A		K=H		1
15.3	15.9	A		H		1
16.0	15.9	A		H		1
16.0	19.5	A		H		1
15.5	20.3	E		K=H		2
16.5	6.6	A		H		2
16.2	5.4	E		K=H		2
16.7	11.4	H		H		1
16.4	14.6	A		H		1
17.0	15.1	A		H		1
17.9	8.5	H		H		1
17.5	9.1	H		H		1
17.5	12.0	E		K=H		1
17.3	14.7	A		H		1
17.6	15.0	A		H		3
17.4	15.2	A		H		1
17.9	16.6	H		H		1
17.4	17.4	G		K=H		3
17.8	22.5	A		H		2

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R.A. 1855	Dec	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
20h 42.m6	+21° 9	+21 4366	20 42.6	+21 57	7.5
20 27.0	+21.7	+21 4253	20 26.8	+21 40	7.5
20 25.8	+21.5	+21 4249	20 25.7	+21 31	7.9
20 21.8	+21.7	+21 4221	20 21.8	+21 40	7.2
20 49.8	+22.0	+22 4244	20 49.8	+22 2	7.5
20 44.2	+22.2	+22 4217	20 44.2	+22 12	7.8
20 42.1	+22.5	+22 4199	20 42.1	+22 29	7.7
20 41.1	+22.2	+22 4194	20 41.2	+22 10	7.8
20 39.2	+22.4	+22 4178	20 39.4	+22 24	8.0
20 37.0	+22.5	+22 4163	20 36.9	+22 28	8.6
20 35.4	+22.0	+22 4154	20 35.4	+22 3	8.4
20 35.5	+22.5	+22 4155	20 35.4	+22 28	7.8
20 27.0	+22.5	+22 4101	20 27.0	+22 30	8.1
20 25.8	+22.4	+22 4093	20 25.8	+22 20	7.0
20 55.9	+22.7	+22 4278	20 55.9	+22 46	7.3
20 51.8	+22.5	+22 4254	20 51.9	+22 29	7.0
20 45.5	+22.7	+22 4223	20 45.4	+22 47	7.6
		4169	20 38.4	+22 39	9.3
20 38.6	+22.6	+22 4170	20 38.4	+22 40	8.7
20 37.1	+23.0	+23 4121	20 37.2	+23 1	8.2
20 51.8	+23.4	+23 4201	20 51.8	+23 20	8.0
20 50.5	+23.1	+23 4190	20 50.6	+23 7	8.0
20 44.2	+23.2	+23 4165	20 44.2	+23 12	8.0
20 38.2	+23.1	+23 4129	20 38.2	+23 6	8.0
20 37.6	+23.3	+23 4124	20 37.4	+23 16	7.5
20 37.0	+23.1	+23 4119	20 37.1	+23 8	7.9
20 34.0	+23.5	+23 4095	20 33.9	+23 25	8.5
20 32.2	+23.2	+23 4085	20 32.3	+23 10	6.8
20 21.1	+23.3	+23 4023	20 21.1	+23 19	7.5

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Plate, 2910

h	A.	C.	Rem.	K line	Int.
17.5	19.0	E.		K=H	1
18.7	8.6	a		n	2
19.0	13.8	a		K=H	2
18.4	15.9	a		n	2
18.3	17.4	B.	3472	n	4
18.3	21.4	F.	3473	K=H	1
18.8	23.8	F.	3474	"	1
19.8	11.0	H		n	2
19.8	12.4	A.		K=H	1
19.7	12.9	A.		"	1
19.6	17.3	A.		n	2
19.8	19.4	"		"	1
20.5	14.7	K		K=H	3
21.0	18.6	a		n	2
20.8	20.3	a		n	1
20.6	23.6	"		"	2
21.5	12.7	"		"	2
21.2	15.2	H		n	1
21.7	15.2	a		K=H	2
21.2	17.3	a		"	2
21.8	18.5	a		n	2
21.8	19.6	a		n	1
21.7	20.3	"		"	2
22.9	8.9	F.	3475	K=H	2
22.2	12.3	a		n	2
22.4	13.2	B.	3476	n	2
22.2	14.4	F.	3477	K=H	1
22.1	16.4	a		n	3

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R.A. 1855.	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn
20h 28.8m	+23°2'	+23° 4065	20h 28.7m	+23° 13'	8.2
20 51.4	+23.7	+23 4200	20 51.6	+23 42	8.1
20 40.5	+23.9	+23 4148	20 40.4	+23 56	7.5
20 35.4	+23.7	+23 4107	20 35.4	+23 40	7.3
20 32.2	+23.6	+23 4084	20 32.2	+23 37	5.3
20 23.5	+23.5	+23 4038	20 23.5	+23 35	8.2
20 18.1	+23.8	+23 4004	20 18.2	+23 49	7.5
20 46.8	+24.4	+24 4263	20 46.6	+24 22	7.0
20 43.5	+24.3	+24 4253	20 43.4	+24 20	8.5
20 42.4	+24.3	+24 4249	20 42.4	+24 16	8.2
20 32.5	+24.3	+24 4205	20 32.5	+24 16	7.7
20 27.9	+24.4	+24 4165	20 27.9	+24 20	8.7
20 38.7	+24.7	+24 4229	20 38.6	+24 45	5.7
20 29.8	+24.9	+24 4183	20 29.7	+24 59	8.2
20 25.8	+24.9	+24 4157	20 25.9	+24 52	8.4
20 18.8	+24.7	+24 4116	20 18.6	+24 43	8.0
20 43.0	+25.1	+25 4383	20 42.7	+25 8	8.3
		4384	20 42.8	+25 8	8.1
20 37.1	+25.1	+25 4348	20 37.2	+25 5	7.9
20 37.0	+25.4	+25 4347	20 37.1	+25 18	7.5
20 32.5	+25.0	+25 4310	20 32.5	+25 2	8.1
20 30.0	+25.4	+25 4299	20 29.9	+25 23	7.2
20 27.5	+25.4	+25 4281	20 27.4	+25 23	7.9
20 25.9	+25.3	+25 4272	20 25.8	+25 19	6.0
20 51.2	+25.8	+25 4422	20 51.3	+25 51	7.0
20 43.8	+25.5	+25 4391	20 43.8	+25 32	8.2
20 41.8	+25.7	+25 4375	20 41.6	+25 39	7.1
20 39.1	+25.6	+25 4364	20 39.3	+25 35	8.0
20 34.5	+25.6	+25 4329	20 34.5	+25 34	7.0

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Plate 2910 continued

h.	M.	C.	Is.	Rems.	Lines	Sect.
22.1	17.0	H.		N	1	
22.9	18.0	A.		N	3	
22.5	22.2	A.		N	1	
24.2	11.4	K.		K=16	4	
23.5	16.9	A.		"	2	

RA $21^h\ 58^m$ + 21.6°

Plate 2971

4.5	10.9	L.		K=H	2	
4.7	22.4	F.	3478	"	3	
4.6	23.9	F.	3479	"	2	
5.5	6.6	H.		N	1	
6.0	7.7	F.	3480	K=16	1	
5.2	13.9	A.		N	2	
6.0	14.2	~~Ma~~ Ma		N	2	
5.1	15.0	A.		K=H	1	
5.4	19.1	H.		N	1	
6.6	11.5	L.		K=16	2	
6.2	20.5	F.	3481	"	1	
7.2	5.6	H.		"	1	
8.0	6.0	A.		"	1	
7.3	10.4	F.	3482	"	1	
7.9	11.3	A.		N	1	
7.6	12.8	L.		K=16	1	
7.8	16.2	F.	3483	"	1	
7.7	16.6	A.		"	1	
8.0	18.2	L.		"	3	
8.2	9.3	H.		N	1	

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R.A. 1855 h m	Dec. °	BD. No.	R.A. 1855. h m	Dec. 1855. ° ′	Magn.
20 33.3	+25.4	+25° 4312	20 33.1	+25 34	7.3
20 31.0	+25.7	+25 4302	20 30.9	+25 58	6.0
20 21.5	+25.6	+25 4247	20 21.6	+25 40	7.8
20 46.0	+26.5	+26 4017	20 45.9	+26 33	5.0
20 33.4	+26.2	+26 3947	20 33.3	+26 11	7.5
22 7.3	+16.5	+16 4694	22 7.4	+16 28	6.7
21 43.2	+16.6	+16 4612	21 43.3	+16 38	5.5
21 40.1	+16.5	+16 4598	21 40.2	+16 32	6.0
22 16.5	+16.9	+16 4724	22 16.5	+16 55	7.5
22 14.2	+17.2	+17 4731	22 14.2	+17 14	8.0
22 1.2	+16.8	+16 4673	22 1.2	+16 51	7.3
22 0.6	+17.3	+17 4693	22 0.6	+17 19	6.5
21 58.5	+16.8	+16 4660	21 58.6	+16 48	7.7
21 50.0	+16.9	+16 4634	21 50.2	+16 60	7.3
22 6.2	+17.5	+17 4712	22 6.2	+17 35	7.0
21 47.1	+17.4	+17 4652	21 47.2	+17 23	8.4
		4654	21 47.2	+17 22	8.6
22 18.7	+17.7	+17 4746	22 18.7	+17 43	6.7
22 17.7	+18.1	+18 4985	22 17.8	+18 8	8.5
22 8.5	+17.9	+17 4717	22 8.5	+17 54	8.1
22 6.7	+18.2	+18 4959	22 6.7	+18 12	8.2
22 3.4	+18.1	+18 4947	22 3.5	+18 5	7.9
21 56.2	+18.2	+18 4917	21 56.3	+18 11	7.5
21 55.5	+18.2	+18 4913	21 55.5	+18 8	8.2
21 52.1	+18.3	+18 4899	21 52.1	+18 20	6.8
22 11.0	+18.3	+18 4970	22 11.1	+18 20	7.9

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Plate 2971

λ	H	Cl.	No.	Rem.	K line	Int.
8.8	14.3	a			K=H	3
8.4	20.7	H			"	1
8.6	21.6	F	3484		K=26	2
8.9	22.3	a			"	2
9.9	8.9	L			"	2
9.2	12.8	a			"	1
9.2	12.9	G			K=16	3
9.8	17.6	a			"	2
9.7	18.7	"			"	2
9.4	20.4	G			K=H	3
9.3	20.7	a			"	4
9.6	21.7	a			"	4
9.9	23.9	H			"	1
9.1	24.0	F	3485		K=H	1
10.5	15.6	H			"	1
10.5	18.16	a			"	3
10.9	20.3	E			K=H	1
10.7	20.7	H			"	2
10.9	22.6	B	3486		"	3
11.7	6.7	F	3487		K=H	3
12.0	8.6	E			"	1
12.0	11.4	a			"	2
11.8	12.5	"			K=.5	3
11.2	14.9	"			"	1
11.5	15.0	a			K=H	2
12.0	15.3	K			"	1
11.8	18.3	F	3488		K=H	1
11.6	19.8	G5			K	2

assumed to be G5K

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R.A. 1855	Dec.	BD.	No.	R.A. 1855	Dec. 1855		Magn.
22h 0.5m	+18.7	+18°	4930	22h 0.6m	+18°	46	6.1
21 46.8	+18.5	+18	4878	21 46.8	+18	30	7.7
21 44.8	+18.6	+18	4874	21 44.9	+18	38	7.2
21 43.2	+18.7	+18	4871	21 43.3	+18	46	7.5
			4872	21 43.4	+18	46	9.2
22 11.9	+19.2	+19	4897	22 11.9	+19	15	6.8
22 3.6	+18.9	+18	4949	22 3.6	+18	54	8.2
22 3.5	+18.9	+18	4946	22 3.4	+18	55	7.0
21 53.4	+19.2	+19	4841	21 53.4	+19	12	8.2
21 50.9	+19.2	+19	4835	21 51.0	+19	10	7.5
21 47.5	+19.0	+19	4814	21 47.5	+19	2	6.9
21 46.8	+18.9	+18	4879	21 46.8	+18	60	5.8
21 44.8	+19.1	+19	4797	21 44.8	+19	9	5.5
21 40.0	+19.3	+19	4784	21 40.1	+19	15	7.8
21 39.9	+18.8	+18	4858	21 39.9	+18	49	7.7
21 57.4	+19.6	+19	4850	21 57.4	+19	35	8.2
21 50.9	+19.6	+19	4833	21 50.9	+19	37	6.8
21 47.7	+19.8	+19	4815	21 47.6	+19	48	7.4
21 47.0	+19.7	+19	4809	21 46.9	+19	43	7.0
21 42.8	+19.7	+19	4793	21 42.7	+19	48	6.5
22 16.8	+20.1	+20	5138	22 16.7	+20	8	8.7
			5139	22 16.7	+20	6	6.0
*22 12.7	+20.3	+20	5126	22 12.7	+20	17	7.8
22 6.9	+20.3	+20	5103	22 6.8	+20	21	7.8
22 3.7	+20.3	+20	5093	22 3.7	+20	16	6.0
21 59.2	+19.9	+19	4854	21 59.3	+19	57	8.5
21 59.1	+20.1	+20	5076	21 59.2	+20	6	7.6
21 58.0	+20.4	+20	5074	21 58.1	+20	22	8.0
21 51.8	+20.2	+20	5054	21 51.8	+20	14	7.9
21 48.8	+20.1	+20	5041	21 48.6	+20	10	6.5

*BD +20° 5127 substituted on BD +20° 5126.

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		h. H. C.	Ira Rem.	Klinc Instr.	
12.1	7.7	A		N	2
12.5	10.7	F	3489	K=N	1
12.6	17.5	A		"	1
12.2	19.2	G3	I	"	2
12.3	19.3	I		"	2
12.4	21.2	~~Ha~~ Ma		N	2
12.7	23.8	A		N	1
13.7	8.3	A		N	1
14.0	13.6	E		K=N	2
13.2	14.1	A		N	4
13.6	17.2	H		N	1
13.5	19.2	A		"	1
13.8	22.0	H		K=N	1
13.7	22.8	A		N	2
14.0	23.6	F	3490	K=N	2
14.2	6.7	H		N	1
14.0	9.7	"		"	1
14.7	9.8	A		K=.2	2
14.9	10.9	G		K=N	2
14.3	13.3	A		"	1
14.9	13.4	F	3491	"	1
15.0	15.3	A		"	2
15.0	18.2	E		"	1
14.3	18.4	H		N	1
14.8	22.8	A		K=.5	3
? 14.4	~~23.4~~ 24.0	A		N	2
? 15.2	~~7.0~~ 57	A		K=N	2
16.0	8.2	E		"	1

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R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
22h 14.7m	+20.3	+20° 5133	22h 14.6m	+20°	20'	7.5
22 8.2	+20.6	+20 5106	22 8.2	+20	35	8.0
21 53.5	+20.6	+20 5062	21 53.6	+20	38	8.3
21 49.8	+20.5	+20 5047	21 49.8	+20	28	6.8
21 49.6	+20.6	+20 5046	21 49.6	+20	35	5.8
21 45.5	+20.6	+20 5027	21 45.5	+20	35	6.3
21 40.2	+20.6	+20 5009	21 40.2	+20	37	8.0
22 13.3	+21.1	+21 4730	22 13.4	+21	6	8.0
22 2.1	+21.4	+21 4696	22 2.0	+21	27	6.8
22 1.0	+21.0	+21 4695	22 1.0	+21	0	5.8
21 54.2	+21.2	+21 4665	21 54.2	+21	10	7.3
21 49.9	+21.1	+21 4650	21 49.8	+21	8	7.7
21 43.8	+21.3	+21 4629	21 43.8	+21	17	7.0
21 42.3	+21.2	+21 4623	21 42.3	+21	13	7.8
21 40.5	+21.4	+21 4617	21 40.5	+21	21	7.5
22 17.0	+21.4	+21 4745	22 16.9	+21	22	8.0
22 10.6	+21.3	+21 4724	22 10.5	+21	18	8.1
22 10.5	+21.6	+21 4723	22 10.4	+21	41	7.5
22 8.0	+21.8	+21 4719	22 8.0	+21	49	6.6
22 2.9	+21.5	+21 4698	22 2.8	+21	32	7.3
22 2.5	+21.8	+21 4697	22 2.6	+21	50	8.0
21 58.0	+21.9	+21 4680	21 58.2	+21	56	6.8
21 51.9	+21.9	+21 4658	21 51.9	+21	54	8.3
21 51.5	+21.6	+21 4657	21 51.6	+21	33	8.0
21 42.0	+21.7	+21 4622	21 42.1	+21	46	7.0
21 39.8	+21.5	+21 4615	21 39.8	+21	31	6.8
22 18.8	+21.8	+21 4751	21 18.6	+21	51	7.5
22 14.8	+22.3	+22 4618	22 13.9	+22	20	7.8

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h.	M.	C.	& Rem	Kline Int.	
15.7	10.0	a		K=J	3
16.0	13.1	F	3492	K=N	2
15.6	21.7	N		N	1
15.9	23.9	F	3493	K=M	1
15.8	24.1	L		K=N	3
17.0	12.7	F	3494	"	1
16.9	16.5	A		N	3
16.8	16.7	N		N	1
16.9	16.8	A		K=N	1
16.3	17.0	N		N	1
16.9	18.3	"		"	1
16.9	18.7	A		K=N	1
17.0	18.8	N		N	1
17.0	7.9	F	3495	K=N	1
17.1	11.1	a		N	2
17.9	11.6	F	3496	K=M	2
17.3	12.0	N		N	1
18.0	13.9	G		K=N	3
17.7	17.7	~~N 23~~ Nb		"	2
17.9	21.1	a		N	2
18.2	10.2	a		N	1
18.5	11.8	F	3497	K=M	3
18.5	19.4	a		N	2
18.8	23.0	N		N	1
18.3	23.5	N		N	1
19.9	9.3	a		K=N	2
19.7	12.2	K		"	3
19.9	14.2	F	3498	"	1

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R.A. 1855	Dec.	B.D. No.	R.A. 1855.	Dec. 1855.	Magn.
22h 9.9m	+22.2	22° 4601	22h 9.8m	+22° 11'	6.7
22 3.3	+22.4	+22 4563	22 3.3	+22 25	7.3
21 44.7	+22.2	+22 4493	21 44.6	+22 11	8.0
21 39.8	+22.3	+22 4474	21 39.7	+22 17	7.0
21 39.2	+22.3	+22 4472	21 39.4	+22 17	5.0
22 4.1	+22.9	+22 4569	22 4.1	+22 53	8.3
21 55.8	+22.9	+22 4534	21 55.8	+22 54	8.0
		+22 4531	21 55.3	+22 47	8.0
21 55.1	+22.8	+22 4529	21 55.1	+22 53	8.2
21 55.0	+22.9	+22 4529	21 55.1	+22 53	8.2
21 54.8	+22.5	+22 4526	21 54.8	+22 32	8.5
21 51.8	+22.9	+22 4517	21 51.8	+22 52	8.1
21 51.0	+22.9	+22 4511	21 50.9	+22 51	8.3
21 50.8	+22.9	+22 4510	21 50.7	+22 55	7.7
22 14.9	+23.4	+23 4506	22 14.7	+23 21	8.0
22 7.8	+22.9	+22 4589	22 7.7	+22 55	8.2
22 6.8	+23.3	+23 4490	22 6.7	+23 20	8.2
22 5.9	+23.0	+23 4486	22 5.7	+23 3	7.5
* 22 1.5	+23.5	+23 4472	22 1.6	+23 28	6.8
21 53.0	+23.3	+23 4442	21 53.1	+23 14	7.5
21 45.9	+23.3	+23 4415	21 45.7	+23 20	7.0
22 9.7	+23.5	+23 4498	22 9.6	+23 28	8.5
22 8.0	+23.6	+23 4493	22 8.0	+23 35	7.2
21 49.2	+23.6	+23 4428	21 49.4	+23 39	8.0
21 41.7	+23.8	+23 4399	21 41.6	+23 48	7.2
21 40.5	+23.5	+23 4392	21 40.5	+23 27	7.8
22 11.8	+24.3	+24 4571	22 11.8	+24 16	8.3
22 5.4	+24.2	+24 4548	22 5.4	+24 15	6.5
22 1.0	+24.4	+24 4537	22 0.9	+24 18	8.4

* BD. +23° 4469, 4470, 4471 interposed on BD. +23° 4472.

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R. A.	Dec.	Ref.	Rem.	K line	Int.
20.0	14.8	A		H	2
19.3	18.6	"		"	1
20.8	12.1	N		H	1
20.5	13.0	A		H	2
20.8	14.0	F	3499	K=H	3
21.0	14.3	A		H	1
20.4	14.5	F	3500	K=H	5
21.0	15.6	A		K=3	2
20.4	17.7	A		H	1
? 21.0	23.0 (2.)	F	3501	K=H	1
21.0	23.8	N		"	1
? 21.9	7.6 (5.7)	A		H	2
21.3	8.7	N		H	1
21.5	9.2	A		K=H	2
21.7	11.7	G-1		K=H	2
21.9	12.3	A		H	2
? 21.4	12.8	N		H	1
21.6	20.7	B	3502	H	4
? 21.3	(2) 12.6	F	3503	K=H	1
21.1	24.0	A		H	2
22.6	9.9	N		K=H	1
? 23.0	(1) 24.6	N		"	1
22.5	16.8	"		"	2
22.7	19.3	A		H	1
23.3	6.4	"		"	2
23.5	8.3	N		H	1
23.7	9.7	N		H	1
23.1	15.3	K		K=N	3

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R.A. 1855	Dec	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
21h 59.m8	+24.°4	+24 4531	21 59.7	+24 27	7.8
21 51.1	+24.0	+24 4509	21 51.3	+24 4	8.3
22 5.8	+24.8	+24 4550	22 5.6	+24 46	8.3
22 3.7	+24.6	+24 4545	22 3.7	+24 38	8.2
22 1.8	+24.8	+24 4580	22 1.6	+24 50	7.0
22 0.9	+24.9	+24 4536	22 0.8	+24 55	8.3
22 0.2	+24.6	+24 4533	22 0.3	+24 39	4.0
21 57.9	+24.9	+24 4525	21 57.9	+24 58	7.5
21 53.4	+24.6	+24 4515	21 53.3	+24 37	8.7
21 43.7	+24.9	+24 4483	21 43.6	+24 55	7.5
21 39.8	+24.9	+24 4473	21 39.8	+24 54	6.8
22 19.2	+25.2	+25 4730	22 19.3	+25 10	6.7
22 13.0	+25.0	+24 4576	22 13.1	+24 60	7.4
22 12.0	+25.1	+25 4709	22 12.0	+25 3	7.7
22 6.6	+25.2	+25 4691	22 6.5	+25 13	6.8
22 5.2	+25.3	+25 4689	22 5.3	+25 19	8.0
22 4.1	+25.1	+25 4684	22 4.2	+25 6	8.5
21 46.8	+25.2	+25 4635	21 46.5	+25 14	5.5
21 42.4	+25.0	+25 4621	21 42.3	+25 2	7.5
21 39.6	+24.9	+24 4471	21 39.4	+24 54	7.0
22 10.9	+25.6	+25 4705	22 10.7	+25 40	7.5
22 0.2	+25.9	+25 4676	22 0.3	+25 55	7.8
21 55.1	+25.7	+25 4662	21 55.1	+25 41	8.0
21 49.8	+25.8	+25			
22 18.4	+25.9	+25 4726	22 18.3	+25 52	7.7
22 14.4	+26.2	+26 4410	22 14.3	+26 13	6.5
22 11.0	+26.2	+26 4399	22 11.1	+26 13	7.0
21 58.6	+25.9	+25 4671	21 58.6	+25 59	6.2

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Plate 2971

K. H. Cl. Ks. Rem Klins Lc.

23.5 17.1 a. n 2

23.4 17.5 a n 2

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R.A. 1855.	Dec.	BD. No.	R.A. 1855	Dec. 1858	Magn.
21h 54m.5	+26.1	+26 4328	21 54.6	+26 8	7.8
21 53.3	+26.1	+26 4323	21 53.5	+26 5	7.7

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R.A. 20h 00m +21°.6 August-22-1893.

Plate 2816

fx. 30m

	h.	m.	Co.	Spectrum.	Spectr. Int.
	4.8	16.1	G	K=H	2
	4.9	16.2	a	H	1
	3.8	19.0	"	"	1
	4.2	19.2	"	"	3
	4.0	20.0	L	H	1
	6.0	16.1	E	K=H	1
	5.6	18.1	Wa	H	1
	6.3	8.5	K	H	1
	7.4	9.5	a	H	1
	7.4	10.1	F 3504	K=H	1
	7.6	16.5	K	"	1
	7.2	16.7	E	"	1
	8.0	21.7	a 3505	H	1
	7.8	24.1	K	K=H	3
	8.2	13.7	K	"	1
	8.7	13.8	E	"	1
	8.9	19.7	a	H	1
	9.0	23.3	"	"	3
	9.3	6.5	"	"	1
	9.9	6.7	"	K=H	1
	9.7	15.8	F 3506	"	1
	9.4	18.7	K	"	4
	10.4	5.9	K	"	1
	10.3	7.5	E	"	1
	10.7	12.7	F 3507	"	1
?	10.9	13.3	F 3508	"	1
	10.2	14.5	a	"	1
	10.4	15.6	K	"	3

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R.A. 1855.	Dec	BD	Obs.	R.A. 1855.	Dec. 1855.		Magn.
19h 57.6m	+16.7°	+16°	4121	19h 57.6m	+16°	41	5.5
19 57.5	+16.7	+16	4118	19 57.4	+16	44	7.0
19 51.6	+16.1	+16	4086	19 51.7	+16	6	7.0
19 51.0	+16.4	+16	4081	19 51.2	+16	25	5.8
19 49.4	+16.3	+16	4067	19 49.4	+16	15	5.2
19 57.7	+17.3	+17	4206	19 57.7	+17	19	7.2
			4207	19 57.7	+17	18	9.4
19 53.5	+17.1	+17	4183	19 53.5	+17	7	5.8
20 13.8	+17.4	+17	4294	20 13.8	+17	20	6.2
20 11.7	+17.9	+17	4282	20 11.7	+17	53	7.5
20 10.4	+17.9	+17	4276	20 10.4	+17	55	7.8
19 56.5	+18.1	+18	4365	19 56.8	+18	7	7.0
19 56.5	+17.9	+17	4201	19 56.5	+17	54	7.2
19 46.0	+18.3	+18	4276	19 45.9	+18	18	6.6
19 40.8	+18.2	+18	4240	19 40.9	+18	10	4.0
20 3.0	+18.4	+18	4404	20 3.1	+18	22	8.0
20 2.8	+18.7	+18	4402	20 2.8	+18	40	7.3
19 50.0	+18.8	+18	4315	19 50.1	+18	48	7.7
19 42.4	+18.8	+18	4254	19 42.5	+18	47	5.0
20 18.2	+18.8	+18	4488	20 18.2	+18	51	8.2
20 18.0	+19.1	+19	4396	20 17.9	+19	7	7.7
20 58.2	+19.1						
19 52.2	+19.1	+19	4229	19 52.3	+19	6	3.8
20 19.7	+19.4	+19	4408	20 19.5	+19	22	6.3
20 16.2	+19.4	+19	4389	20 16.3	+19	23	7.5
20 5.3	+19.6	+19	4312	20 5.3	+19	39	8.6
		+19	4291	20 1.3	+19	25	8.3
20 1.4	+19.4	+19	4292	20 1.4	+19	25	8.3
19 58.7	+19.6	+19	4277	19 58.7	+19	35	5.5

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August 22-93

Plate 2816 Continued

h.	M.	C.	No.	Rem.	Spectrum	Dist.
10.5	17.7	K			K=H	1
10.3	18.1	F	3509		"	1
9.9	18.9	A			"	1
10.7	22.3	"			"	1
11.0	22.4	"			"	2
11.8	6.0	"			H	1
11.5	9.3	"			"	2
11.6	10.5	"			K=H	1
11.5	13.2	"			H	2
11.5	13.1	"			"	1
11.2	21.2	"			"	2
12.9	9.4	"			"	4
12.8	12.0	F	3510		K=H	1
12.7	12.5	F	3511		"	1
12.7	13.0	G			"	2
12.3	13.5	F	3512		"	3
12.4	17.0	A			"	1
12.5	19.4	"			H	2
12.5	21.8	"			"	1
13.4	6.2	G_5-d			K=H	3
13.6	6.4	a			H	2
13.4	8.0	"			K=H	1
13.6	9.5	a			"	1
13.7	10.2	"			"	1
13.3	10.4	"			"	2
13.7	10.6	G_5-d			"	1
13.2	12.9	a			H	1
13.3	14.0	a			H	1

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R.A. 1855	Dec.	Δ.	No.	R.A. 1855.	Dec. 1855.		Magn.
19h 54m.7	+19.7	+19	4242	19	54.5	+19 37	8.0
19 53.5	+19.5	+19	4236	19	53.5	+19 30	8.5
19 51.7	+19.3	+19	4226	19	51.7	+19 17	8.5
19 44.5	+19.7	+19	4177	19	44.5	+19 40	7.5
19 44.4	+19.8	+19	4175	19	44.4	+19 51	7.5
20 19.7	+21.1	+20	4561	20	19.6	+20 7	7.8
20 12.5	+20.0	+20	4517	20	12.6	+20 1	7.4
20 10.0	+20.1	+20	4499	20	9.9	+20 6	8.1
20 4.3	+20.1	+20	4461	20	4.3	+20 4	7.6
19 59.8	+20.1	+20	4423	19	59.8	+20 6	8.0
19 47.0	+19.9	+19	4195	19	47.0	+19 58	7.2
			4196	19	47.0	+19 58	7.5
20 12.5	+20.7	+20	4514	20	12.5	+20 46	7.8
20 6.9	+20.7	+20	4479	20	6.8	+20 43	8.3
20 5.9	+20.6	+20	4470	20	5.7	+20 38	8.0
20 4.9	+20.7	+20	4462	20	4.7	+20 43	6.3
20 3.7	+20.5	+20	4453	20	3.5	+20 29	6.4
19 56.0	+20.5	+20	4389	19	55.9	+20 32	8.2
19 50.6	+20.6	+20	4351	19	50.7	+20 37	6.8
19 45.6	+20.5	+20	4308	19	45.6	+20 33	7.7
20 19.0	+20.9	+20	4559	20	19.3	+20 57	5.6
20 18.9	+21.0	+21	4203	20	18.8	+21 1	6.9
20 15.6	+20.9	+20	4533	20	15.4	+20 57	8.0
20 12.1	+21.0	+21	4147	20	12.2	+21 4	7.2
20 10.9	+21.1	+21	4139	20	10.8	+21 8	8.0
20 10.2	+20.9	+20	4500	20	10.2	+20 58	7.0
20 10.0	+21.1	+21	4130	20	10.0	+21 10	6.0
20 5.0	+20.9	+20	4464	20	4.9	+20 56	8.1
20 2.4	+20.9	+20	4447	20	2.4	+20 59	8.6

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August 22, '93

Plate 2516 Continued.

R. A. h.	R. A. s.	Rem.	Klinc.	Obs.
13.4	16.3	H	N	1
15.0	8.5	A	N	2
15.0	10.5	H	N	1
14.4	11.3	H	N	1
14.9	11.6	A	N	2
14.2	12.9	B	35-13 N	3
14.8	14.1	H	N	1
14.7	16.9	A	N	1
15.3	10.5	F	35-14 K=N	2
15.9	15.0	F	35-15 "	1
16.0	15.3	A	K=.5	2
15.7 15.3	5.7	A	N	1
15.3	17.5	"	K=N	1
15.3	20.1	H	N	1
15.2	21.1	A	K=N	1
15.7	22.1	B	35-16 N	4
16.2	8.2	H	N	1
16.5	9.2	A	N	1
16.8	9.4	A	N	1
16.7	11.5	A	N	1
16.8	15.1	A	N	1
16.8	15.7	A	K=.4	2
16.3	16.3	A	K=N	2
16.6	18.3	F	35-17 "	1
16.5	20.9	A	N	1
17.9	7.4	A	N	1
17.4	11.0	L	K=N	3
17.5	11.9	A	"	1

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
19h 57.4m	+21.1°	+21 4036	19	57.4	+21 6	6.6
20 14.4	+21.8	+21 4164	20	14.4	+21 50	7.0
20 10.0	+21.8	+21 4132	20	10.0	+21 51	7.0
20 8.4	+21.5	+21 4115	20	8.4	+21 32	7.3
20 7.8	+21.8	+21 4109	20	7.7	+21 47	7.0
		4110	20	7.8	+21 46	9.2
20 5.2	+21.4	+21 4088	20	5.0	+21 27	6.0
20 2.7	+21.7	+21 4071	20	2.4	+21 44	6.8
19 56.1	+21.8	+21 4027	19	56.1	+21 45	6.5
20 10.1	+21.9	+21 4133	20	10.1	+21 57	7.0
20 0.3	+22.3	+22 3928	20	0.4	+22 18	8.0
19 59.2	+22.4	+22 3918	19	59.5	+22 23	7.5
19 54.0	+22.1	+22 3884	19	54.1	+22 3	8.0
19 48.4	+22.1	+22 3854	19	48.5	+22 3	7.1
19 47.1	+21.9	+21 3962	19	47.2	+21 57	8.2
19 45.0	+22.3	+22 3833	19	44.8	+22 14	5.7
20 15.1	+22.4	+22 4028	20	15.2	+22 24	7.2
20 13.0	+22.5	+22 4013	20	13.2	+22 33	8.1
20 12.7	+22.7	+22 4012	20	12.7	+22 40	8.3
20 8.1	+22.7	+22 3977	20	8.2	+22 40	8.7
19 59.9	+22.7	+22 3925	20	0.0	+22 46	8.4
19 58.7	+22.7	+22 3913	19	58.7	+22 48	7.3
19 57.2	+22.5	+22 3903	19	57.4	+22 32	6.7
19 53.0	+22.7	+22 3872	19	53.0	+22 42	5.9
19 47.3	+22.6	+22 3846	19	47.4	+22 36	8.0
20 17.2	+23.2	+23 3999	20	17.1	+23 12	8.5
20 9.2	+23.0	+23 3944	20	9.3	+23 4	5.5
20 7.2	+23.0	+23 3933	20	7.2	+23 1	8.0

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1893phae.proj..803F

August 22, '93.

Plate 2816 Continued.

	h	Hb	Hb	Hs	Rem.	Line Int.	
	18.0	12.4	a		N	1	
	17.4	13.2	a		N	1	
	17.3	14.0	a		K=N	1	
	17.6	15.0	B	3518	N	4	
	18.0	16.2	A		N	1	
	18.0	17.7	a		N	2	
	18.0	19.4	F	3519	K=H	2	
	18.9	11.8	a		K=3	2	
	18.3	12.6	a		K=N	1	
	18.2	18.9	A		N	1	
	19.0	20.5	A		N	3	
	18.6	21.0	a		N	4	
6.9?	19.1	6.1	F	3520	K=N	1	
	19.3	8.0	a		N	3	
	19.7	10.5	L		K=N	3	
	19.5	11.9	A		N	1	
	19.9	17.2	B	3521	N	3	
	19.8	22.1	a		N	1	
	20.9	6.9	a		K=N	1	
	20.1	11.5	"		"	1	
	20.5	13.4	"		N	2	
	20.2	17.0	F	3522	K=N	3	
	20.8	18.0	a		N	1	
	20.4	21.6	a		N	2	
	20.5	23.2	a		N	1	
	21.7	9.8	a		N	2	
	21.5	11.2	B	3523	N	4	
	21.4	23.5	F		N	1	

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855	Magn.
20h 6.2m	+23°.4	+23° 3925	20h 6.2m	+23° 22	8.7
20 4.6	+23.1	+23 3911	20 4.6	+23 6	7.7
20 2.8	+23.0	+22 3941	20 2.7	+22 60	8.1
20 0.8	+23.2	+23 3896	20 0.7	+23 12	5.2
19 57.8	+23.4	+23 3885	19 57.7	+23 26	7.7
19 54.6	+23.4	+23 3868	19 54.5	+23 24	7.3
19 50.8	+23.4	+23 3845	19 50.6	+23 23	7.0
20 7.4	+23.8	+23 3935	20 7.4	+23 48	7.0
20 5.9	+23.5	+23 3921	20 5.8	+23 29	8.0
19 51.8	+23.5	+23 3849	19 51.8	+23 31	8.5
19 48.4	+23.9	+23 3829	19 48.4	+23 56	5.9
19 47.2	+23.7	+23 3820	19 47.3	+23 42	4.6
20 15.9	+23.9	+23 3986	20 15.8	+23 60	6.1
20 10.6	+24.2	+24 4075	20 10.6	+24 13	6.0
20 7.3	+24.1	+24 4047	20 7.4	+24 6	8.1
19 55.6	+24.4	+24 3975	19 55.6	+24 24	6.2
19 44.9	+24.3	+24 3907	19 44.8	+24 16	7.3
20 18.8	+24.7	+24 4116	20 18.6	+24 43	8.0
20 8.3	+24.4	+24 4053	20 8.3	+24 24	8.0
20 4.2	+24.6	+24 4029	20 4.3	+24 38	7.4
19 56.9	+24.5	+24 3977	19 56.9	+24 32	5.5
19 54.0	+24.5	+24 3962	19 53.9	+24 47	7.9
19 46.0	+24.6	+24 3914	19 45.9	+24 37	5.7
19 42.3	+24.6	+24 3889	19 42.3	+24 39	7.3
20 12.1	+25.2	+25 4189	20 12.1	+25 12	7.3
20 9.2	+25.1	+25 4165	20 9.1	+25 9	5.2
19 41.9	+25.0	+25 3972	19 41.7	+25 2	6.2

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August 22. '93

Plate 2816 Continued. –

R. A.	Dec.	Remarks	Klinc	Det.
23.3	12.7	A.	N	3
24.1	13.3	A.	K=.3	3
22.8	17.8	A.	N	1
23.1	19.0	A.	N	1
23.7	20.7	A.	N	1
23.0	21.7	A.	N	1

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R.A. 1855. h m	Dec. °	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
20 6.0	+26.0	+26 3828	20	5.9 +26	3 6.2
20 4.6	+26.5	+26 3815	20	4.5 +26	28 5.7
19 54.2	+25.8	+25 4060	19	54.2 +25	48 6.4
19 51.8	+25.9	+25 4040	19	51.8 +25	59 7.9
		+25 4041	19	51.8 +25	54 7.6
19 47.8	+26.3	+26 3708 12	19	47.9 +26	13 7.3
19 45.6	+25.8	+25 4001	19	45.6 +25	51 7.4

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1893phae.proj.003F

RA 23h 56m +31.2° September 25. 1893.

h.	m.	Plate 3286			
23	30	ℓ. H	ℓb. Rem.	Klinc Lit.	
		5.7 11.0	b5Y	K=H 2	
		5.8 16.0	G3Y	K=H 2	
		5.5 16.8	F	3524 K=H 1	
		6.3 10.3	a	N 3	
		6.9 14.8	Y	K=H 1	
		6.8 18.3	a	N 1	
		7.0 21.5	F	3525 K=H 1	
		8.0 13.1	a	N 3	
		8.0 14.4	H	N 1	
		8.8 10.3	F	3526 K=H 1	
		8.8 11.7	F	3527 K=H 2	
		8.6 14.1	H	K=H 2	
		8.3 16.2	H	N 1	
		8.8 19.2	H	N 1	
		8.4 22.0	H	N 1	
		9.6 13.4	a	N 5	
		9.5 14.2	Y	K=H 3	
		9.3 17.7	a	N 1	
		9.2 19.7	a	N 1	
		9.2 21.5	a	N 3	
		10.6 7.1	a	N 2	
		10.4 19.2	a	N 3	
		10.3 23.9	Y	K=H 3	
		11.2 13.6	F	3528 K=H 2	
		11.6 14.9	8	K=H 1	
		12.4 9.1	H	N 1	
		12.4 12.1	H	N 1	
		12.9 12.4	a	K=H 2	

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1893phae.proj..883F

R.A. 1855.0	Dec.	BD.	No.	R.A. 1855.	Dec. 1855.	Magn.
0h 6.0m	+26.2	+26°	13	0h 5.9m	+26° 10	6.5
23 54.5	+26.3	+26	4734	23 54.6	+26 19	6.1
			4735	23 54.6	+26 19	9.0
23 53.0	+26.1	+26	4727	23 53.0	+26 7	6.5
0 7.7	+26.5	+26	23	0 7.7	+26 28	6.5
23 57.4	+26.9	+26	4744	23 57.6	+26 52	6.8
23 49.7	+26.8	+26	4714	23 49.7	+26 46	7.2
23 42.6	+26.9	+26	4698	23 42.5	+26 53	7.1
0 1.5	+27.4	+27	3	0 1.5	+27 26	7.0
23 58.6	+27.5	+27	4674	23 58.6	+27 28	7.0
0 7.8	+27.8	+27	25	0 7.8	+27 47	8.0
0 4.5	+27.8	+27	13	0 4.5	+27 48	7.3
23 59.1	+27.7	+27	4676	23 59.1	+27 45	7.2
23 54.1	+27.6	+27	4664	23 54.2	+27 38	7.0
23 47.5	+27.8	+27	4642	23 47.6	+27 51	7.0
23 41.2	+27.5	+27	4625	23 41.3	+27 34	7.5
0 0.9	+28.3	+28	4	0 0.9	+28 18	2.0
23 59.1	+28.2	+28	4704	23 59.1	+28 14	7.5
23 51.0	+28.0	+28	4678	23 51.0	+28 2	8.2
23 46.2	+28.0	+28	4662	23 46.3	+28 0	8.3
23 42.5	+28.0	+28	4649	23 42.4	+28 3	6.2
0 15.1	+28.6	+28	49	0 15.3	+28 40	7.5
23 47.7	+28.7	+28	4666	23 47.6	+28 41	7.2
23 36.9	+28.6	+28	4627	23 36.7	+28 35	5.2
0 0.7	+29.0	+29	2	0 0.6	+29 3	7.7
23 57.5	+29.3	+29	5057	23 57.4	+29 16	8.0
0 10.9	+29.6	+29	39	0 10.8	+29 34	8.0
0 3.9	+29.6	+29	14	0 3.9	+29 39	8.4
0 3.3	+29.9	+29	10	0 3.3	+29 53	8.0

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September 25, 93.

Plate 3286 Continued

K. H. Cl. Rem. Klinc Int.

12.1 14.8 F 3529 K=H 2
12.9 16.3 E K=H 1
12.3 16.6 F 3530 K=H 1
13.4 8.3 a N 3
13.6 18.6 F 3531 K=H 2
13.1 19.6 F 3532 K=H 1
14.4 6.5 a N 3
14.5 9.1 a N 3
14.2 9.3 a N 1
14.5 10.6 H N 2
14.2 13.5 a N 2
14.2 13.6 a N 2
14.5 13.8 E K=H 2
14.9 21.7 a N 1
15.8 12.5 Neb(?) N 1
16.0 17.5 B 3533 N 3
15.5 17.8 a K=H 1
15.2 19.8 F 3534 K=H 2
17.5 16.2 F 3535 K=H 3
17.3 8.4 H N 2
17.5 10.7 H N 1
17.8 11.2 a N 3
17.6 12.6 H N 2
17.1 18.9 H N 1
17.6 22.9 a N 1
18.0 22.9 a N 2
15.8 12.2 a N 1
18.7 17.2 F 3536 K=H 3

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1893phae.proj.:883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
23h 57.8m	+29.5°	+29 5059	23 57.7	+29 31	8.2
23 54.2	+29.9	+29 5046	23 54.1	+29 56	7.8
23 53.4	+29.6	+29 5042	23 53.4	+29 36	8.4
0 12.9	+30.1	+30 42	0 12.9	+30 8	6.4
23 48.9	+30.3	+30 5053	23 48.7	+30 16	7.0
23 46.5	+29.9	+29 5020	23 46.5	+29 57	8.0
0 17.1	+30.5	+30 55	0 17.1	+30 34	6.8
0 11.1	+30.7	+30 35	0 11.1	+30 43	6.0
0 10.5	+30.5	+30 33	0 10.4	+30 29	8.4
0 7.5	+30.7	+30 26	0 7.6	+30 44	6.5
0 0.9	+30.6	+30 3	0 0.7	+30 34	7.2
0 0.8	+30.6	+30 2	0 0.6	+30 35	6.8
0 0.1	+30.8	+30 1	0 0.1	+30 51	6.9
23 41.5	+30.9	+30 5028	23 41.5	+30 54	7.7
0 3.1	+31.4	+31 8	0 3.3	+31 26	8.0
23 51.5	+31.6	+31 5012	23 51.4	+31 33	6.2
23 50.6	+31.3	+31 5007	23 50.7	+31 13	8.2
23 45.9	+31.1	+31 4989	23 45.8	+31 6	7.3
0 13.1	+32.2	+32 48	0 13.3	+32 10	7.0
0 13.0	+32.1	+32 45	0 13.2	+32 6	6.0
0 7.5	+32.2	+32 26	0 7.6	+32 13	7.3
*0 6.5	+32.4	+32 21	0 6.5	+32 24	6.5
0 3.1	+32.3	+32 11	0 3.1	+32 20	7.3
23 48.0	+32.1	+32 4735	23 48.0	+32 5	7.5
23 38.8	+32.3	+32 4704	23 38.7	+32 15	8.3
23 38.7	+32.5	+32 4703	23 38.6	+32 29	7.5
0 4.1	+32.9	+32 13	0 4.1	+32 53	8.2
23 52.1	+32.9	+32 4747	23 52.1	+32 56	5.8

*BD +32° 20 enumerated as BD +32° 21.

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1893phae.proj..883F

September 25
August 1893

Plate 3286 Cont
R. A. 6 h. Prim. Klinodist

18.3	18.6	a	N 2
18.6	19.3	a	K=H 1.
20.0	13.9	H	N 1
19.6	14.8	F 3537	K=H 1
19.8	15.0	J	K=H 2
19.4	16.4	a	N 1
19.1	23.2	a	N 1
20.6	15.0	G	K=H 3
20.5	22.1	a	N 2
? 19.9	~~22.~~ 16	H	N 1
21.0	23.9	H a	N 1
21.2	10.6	H	N 1
22.0	11.7	H	N 1
21.2	13.6	E	K=H 1
21.3	17.6	a	K=0.8H 2
22.6	7.9	H	N 1
22.4	14.9	a	K=0.4H 3
22.9	15.8	a	N 2
22.7	19.7	H	N 1
23.3	6.4	a	N 1
23.3	8.4	a	N 2
23.8	11.5	a	N 1
23.9	21.6	H	N 1
25.0	9.7	a	N 4
24.7	10.4	a	N 2
24.6	13.5	F 3538	K=H 2
24.1	20.1	a	N 1
24.2	~~21.1~~	G 2 Y	K=H 3

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1893phae.proj.:883F

R.A.	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
23h 48.m9	+32.°7	+32° 4737	23h 48.m8	+32° 40'	7.0
23 47.1	+32.8	+32 4731	23 47.0	+32 47	7.9
0 0.1	+33.5	+33 star	0 0.1	+33 32	8.5
23 58.0	+33.3	+33 4832	23 58.0	+33 18	7.6
23 57.1	+33.5	+33 4827	23 57.2	+33 27	7.0
23 54.0	+33.2	+33 4819	23 54.0	+33 14	8.5
23 38.0	+32.9	+32 4698	23 37.9	+32 58	8.2
23 57.0	+33.8	+33 4828	23 57.3	+33 52	6.3
23 40.3	+33.7	+33 4773	23 40.3	+33 44	7.5
23 39.2	+33.4	+33 4768	23 39.1	+33 24	7.5
23 35.9	+33.9	+33 4763	23 35.9	+33 56	7.0
0 7.5	+34.0	+34 20	0 7.6	+34 4	7.3
*0 5.6	+34.5	+34 13	0 5.6	+34 29	7.5
0 1.0	+34.1	+34 3	0 1.0	+34 7	7.2
23 51.0	+34.3	+34 5039	23 51.0	+34 11	6.6
0 14.9	+34.7	+34 42	0 14.8	+34 44	6.8
23 57.8	+34.7	+34 5061	23 57.8	+34 46	7.0
23 55.2	+35.0	+35 5159	23 55.3	+35 1	7.0
23 45.9	+34.9	+34 5029	23 46.0	+34 50	7.3
0 18.5	+35.0	+35 69	0 18.4	+35 1	7.4
0 13.5	+35.1	+35 53	0 13.6	+35 4	7.1
0 6.1	+35.4	+35 27	0 6.1	+35 21	7.9
23 41.3	+35.5	+35 5107	23 41.3	+35 28	7.0
0 10.9	+35.9	+35 44	0 10.8	+35 59	4.5
0 9.1	+35.8	+35 35	0 9.2	+35 50	7.1
0 1.2	+35.8	+35 8	0 1.2	+35 49	6.2
23 44.8	+35.6	+35 5124	23 44.8	+35 32	7.8
23 42.5	+35.6	+35 5110	23 42.4	+35 38	5.9

*BD +34°13 substitute on BD +34°13

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RA $0^h\ 35^m$ $+30.^\circ 9$ September 25, 1893

Plate 3289

L. H. Cl. Rem. Dr. Kline Inst.

	6.2	9.1	A	K=0.2H	3
	7.0	11.8	F	3539 K=H	3
	6.9	15.0	A	K=H	1
	6.1	17.7	A	K	2
	6.8	19.4	A	K	2
	7.4	6.1	F	3540 K=H	1
19.3?	8.0	19.3	J	K=H	2
	8.9	9.4	A	K=H	1
	8.8	10.1	H	K	1
	8.4	11.7	H	K	1
	9.0	12.2	H	K	1
	9.6	8.4	J	K=H	3
	9.5	10.2	A	K	2
	9.9	13.7	A	K=H	1
	10.0	16.7	G3K	K=H	4
	10.6	10.3	H	K=H	1
	10.9	20.4	A	K=H	3
	10.6	23.7	A	K=H	2
	11.1	5.6	F	3541 K=H	2
	11.7	15.0	H	K	1
	12.9	9.6	A	K=H	1
	12.2	10.5	H	K	1
	12.4	12.0	H	K	1
	12.2	13.8	F	3542 K=H	1
	13.0	16.4	K	K=1.2H	5
	13.3	13.5	J	K=H	2
	13.7	15.7	F	3543 K=H	1
	14.4	17.4	F	3544 K=H	1

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R.A. 1855	Dec	BD. No.	R.A. 1855	Dec. 1855	Magn.
0h 48.1m	+26.4	+26° 151	0h 48.2m	+26° 25′	6.0
0 42.1	+26.9	+26 131	0 42.1	+26 56	5.3
0 35.0	+26.8	+26 108	0 34.8	+26 51	7.2
0 28.8	+26.4	+26 91	0 28.7	+26 27	6.5
0 24.9	+26.8	+26 76	0 25.0	+26 46	6.8
0 54.9	+26.9	+26 169	0 54.7	+26 58	6.5
0 24.9	+27.5	+27 84	0 25.2	+27 29	7.0
0 47.6	+27.8	+27 148	0 47.6	+27 46	7.5
0 46.0	+27.8	+27 144	0 46.0	+27 47	7.7
0 42.7	+27.6	+27 132	0 42.5	+27 35	7.6
0 41.4	+27.9	+27 127	0 41.4	+27 56	7.5
0 50.0	+28.2	+28 157	0 50.0	+28 13	6.0
0 45.9	+28.3	+28 143	0 45.8	+28 18	7.6
* 0 37.9	+28.4	+28 121	0 37.9	+28 23	8.5
0 31.0	+28.5	+28 103	0 30.9	+28 31	4.5
0 45.9	+28.7	+28 144	0 45.8	+28 43	7.5
0 22.5	+28.9	+28 75	0 22.5	+28 57	5.9
0 15.1	+28.6	+28 49	0 15.3	+28 40	7.5
0 56.5	+28.9	+28 174	0 56.5	+28 54	6.5
0 35.1	+29.3	+29 125	0 35.1	+29 19	7.7
0 47.5	+29.9	+29 150	0 47.5	+29 53	7.8
0 45.3	+29.6	+29 147	0 45.3	+29 33	7.5
0 42.0	+29.6	+29 141	0 42.0	+29 39	7.6
0 37.9	+29.5	+29 132	0 37.9	+29 33	8.5
0 31.5	+30.0	+30 91	0 31.6	+30 4	3.3
0 38.6	+30.1	+30 113	0 38.6	+30 9	7.8
		114	0 38.7	+30 10	8.0
0 33.1	+30.3	+30 96	0 33.1	+30 19	8.0
0 29.4	+30.7	+30 82	0 29.4	+30 42	8.0

* BD +28° 120. 12⅝ estimated on BD +28° 121

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September 25, 1893

Plate 3289

R.	H	Cl.	Rem.	K line Int
18.7	18.6	a		R 1
14.2	22.7	a		R 2
15 2	6.5	a		R 4
15.5	11.2	a		R 1
15.7	20.1	E		K=H 1
15.7	20.2	E		K=H 1
16.5	8.0	F	3545	K=H 1
16.5	8.2	a		K=H 2
16.2	9.5	H		R 1
16.6	11.4	F	3546	K=H 1
16.6	15.3	a		R 2
16.3	21.0	a		R 3
17.4	10.3	H		R 1
17.3	12.5	F	3547	K=H 1
17.9	14.6	a		K=H 2
17.5	24.2	F	3548	K=H 2
17.3	24.3	H		R 2
18.6	14.4	a		K=H 1
18.7	17.4	a		R 5
18.5	19.7	I		K=H 3
19.0	21.0	H		R 1
19.4	8.7	I		K=H 3
19.2	11.3	H		R 3
20.3	16.0	F	3549	K=H 1
21.9	9.6	a		R 2
21.3	12.2	F	3550	K=H 1
22.0	17.2	I		K=H 3
21.3	19.4	a		R 2

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1893phae.proj.883F

R.A. 1855	Dec.	BD.	No.	R.A. 1855.	Dec. 1855.		Magn.
0h 26.6m	+30.9	+30°	77	0h 26.5m	+30°	50′	7.5
0 17.1	+30.5	+30	55	0 17.1	+30	34	6.8
0 55.0	+31.0	+31	168	0 54.9	+31	2	5.5
0 44.0	+31.2	+31	130	0 44.0	+31	13	8.0
0 23.0	+31.3	+31	67	0 23.0	+31	20	7.8
0 22.8	+31.4	+31	66	0 22.8	+31	23	7.9
0 51.6	+31.7	+31	153	0 51.6	+31	44	7.3
0 51.1	+31.7	+31	150	0 51.2	+31	42	6.8
0 48.1	+31.5	+31	143	0 48.1	+31	33	7.8
*0 43.6	+31.8	+31	129	0 43.6	+31	52	7.1
0 34.3	+31.8	+31	101	0 34.3	+31	49	8.1
0 20.8	+31.6	+31	59	0 20.8	+31	38	6.7
0 46.2	+32.1	+32	160	0 46.3	+32	6	7.3
0 41.0	+32.1	+32	138	0 41.1	+32	8	7.5
0 36.1	+32.5	+32	122	0 36.1	+32	31	6.8
0 13.2	+32.2	+32	48 45	0 13.3 +32 10 ~~13.2 +32 6~~			7.0 ~~6.0~~
0 13.0	+32.1	+32	45	0 13.2	+32	6	6.0
0 36.6	+32.8	+32	124	0 36.6	+32	50	7.5
0 29.1	+32.9	+32	101 102	0 29.1 +32 56 29.1 +32 54			4.1 8.9
0 23.8	+32.8	+32	80	0 23.8	+32	48	6.0
0 20.9	+33.0	+33	51	0 20.8	+33	0	7.0
0 50.4	+33.2	+33	140	0 50.3	+33	11	6.2
0 44.1	+33.1	+33	117	0 44.1	+33	6	7.0
0 27.9	+33.7	+33	75	0 27.9	+33	39	7.5
0 48.2	+34.4	+34	148	0 48.3	+34	26	7.0
0 42.1	+34.2	+34	122	0 42.1	+34	11	7.7
0 29.5	+34.6	+34	86	0 29.6	+34	36	5.8
0 24.6	+34.2	+34	73	0 24.5	+34	11	6.5

*BD +32° 159 substituted on BD +31° 129. °BD +32° 158, 159 substituted on BD +32° 160.

°BD +32° 123 substituted on BD +32° 122.

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1893phae.proj..883F

September 25, 1893

Plate 3289

R. A. Cl. Rem. Klinc Int

22.0 22.0 a N 1
22.6 6.5 F 3551 K=H 1
23.0 5.0 a N 1
22.6 18.0 a N 1
23.0 19.1 a N 1
23.0 21.9 a N 1
25.0 18.1 H N 1
23.3 23.9 a K=H 1

R.A. $1^h\ 20^m$ +31.2

Plate 2886

5.0 11.2 F 3552 K=H 1
4.9 15.4 F 3553 K=H 1
4.9 18.6 a N 4
6.9 9.8 E K=H 1
6.9 11.6 E K=H 1
6.4 19.7 a K=H 1
7.5 7.5 a N 2
7.4 14.0 a N 1
7.5 16.1 E K=H 1
7.7 17.9 J K=H 3
7.4 21.0 H N 1
8.6 8.9 a N 1
8.2 23.5 F 3554 K=H 2
9.4 8.8 a N 2
9.2 13.5 E K=H 1
9.8 15.2 F 3555 K=H 2
9.8 21.2 E K=H 1

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1892phae.proj.883F

R.A. 1855 h m	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
0 18.4	+34.5	+34 53	0 18.2	+34 31	7.8
0 56.0	+34.7	+34 171	0 56.0	+34 40	7.2
0 52.4	+34.9	+34 160	0 52.3	+34 54	7.3
0 27.8	+34.9	+34 79	0 27.8	+34 51	7.7
0 25.1	+35.0	+35 90	0 25.2	+35 3	7.6
0 18.5	+35.0	+35 69	0 18.4	+35 1	7.4
0 27.2	+36.0	+36 87	0 27.4	+36 2	6.6
0 13.6	+35.0	+35 53	0 13.6	+35 4	7.1
1 28.2	+26.5	+26 265	1 28.3	+26 30	8.0
1 18.9	+26.5	+26 239	1 18.7	+26 29	6.8
1 11.5	+26.5	+26 220	1 11.5	+26 30	4.7
1 31.2	+27.4	+27 262	1 31.4	+27 22	7.8
1 27.4	+27.5	+27 248	1 27.5	+27 32	7.3
1 9.1	+27.2	+27 206	1 9.1	+27 14	8.0
1 36.9	+27.7	+27 277	1 36.7	+27 44	7.5
1 22.1	+27.7	+27 236	1 22.1	+27 44	8.0
1 17.1	+27.8	+27 225	1 17.1	+27 48	7.7
1 13.1	+27.9	+27 215	1 13.1	+27 57	5.0
1 6.2	+27.8	+27 196	1 6.1	+27 47	7.5
1 33.9	+28.3	+28 261	1 33.7	+28 21	8.4
1 0.4	+28.1	+28 187	1 0.4	+28 6	7.3
1 34.0	+28.8	+28 282	1 33.9	+28 47	7.5
1 23.1	+28.6	+28 249	1 23.2	+28 40	7.3
1 19.1	+29.0	+29 239	1 19.3	+28 2	7.5
1 5.8	+28.9	+28 204	1 5.6	+28 58	7.3

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1893phae.proj..883F

September 25 1893

Plate 2086

L. H. Cb. Rem. Klinc Int.

10.4	9.1	G		K=H 2
11.0	12.6	a		N 1
10.3	19.6	F	3556	K=H 1
10.4	21.4	G		K=H 2
10.4	22.0	G2		K=H 3
11.9	10.7	F	3557	K=H 1
12.0	14.4	F	3558	K=H 1
11.3	14.9	F	3559	K=H 2
11.3	15.1	G		K=H 1
11.4	20.8	a		N 2
11.3	21.1	a		K=H 1
11.2	23.2	a		K=H 2
12.9	11.8	a		K=H 1
12.5	15.0	F	3560	K=H 1
12.9	15.9	a		N 1
12.1	16.8	a		N 1
13.0	22.1	a		K=H 4
14.0	15.0	G		K=H 2
13.6	17.4	F	3561	K=H 1
13.6	19.4	G		K=H 2
13.7	19.6	a		K=H 1
14.4	8.3	G		K=H 2
14.4	21.3	a		N 3
14.3	21.5	a		N 1
14.3	23.4	F	3562	K=H 3
14.4	24.2	H		K=H 1
15.8	6.3	F	3563	K=H 3
15.3	8.1	a		K=0.3H 3

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1893phae.proj. 883F

	R. A. 1855.	Dec	BD. No.		R. A. 1855.	Dec. 1855.		Magn.
1	33.7	+29.3	+29° 286	1	33.4	+29°	19'	6.0
1	25.3	+29.6	+29 260	1	25.5	+29	40	8.0
1	9.0	+29.2	+29 209	1	9.1	+29	14	7.8
1	5.1	+29.3	+29 195	1	5.0	+29	19	6.5
1	3.8	+29.3	+29 190	1	3.7	+29	20	4.2
1	30.0	+30.0	+30 252	1	29.8	+30	3	8.0
1	21.4	+30.1	+30 230	1	21.3	+30	8	8.3
1	20.2	+29.8	+29 243	1	20.2	+29	48	7.5
1	19.3	+29.8	+29 240	1	19.4	+29	47	8.3
1	6.4	+29.8	+29 200	1	6.4	+29	47	7.5
1	5.6	+29.7	+29 198	1	5.6	+29	43	8.5
1	0.8	+29.6	+29 181	1	0.9	+29	39	7.2
1	27.2	+30.6	+30 246	1	27.3	+30	34	8.4
1	19.5	+30.4	+30 224	1	19.5	+30	21	8.5
*1	17.6	+30.5	+30 220	1	17.5	+30	34	8.7
1	15.2	+30.2	+30 213	1	15.5	+30	11	8.6
1	3.1	+30.6	+30 181	1	3.1	+30	40	5.5
1	19.6	+31.2	+31 254	1	19.6	+31	14	6.9
1	14.1	+30.9	+30 210	1	14.1	+30	57	7.6
1	9.2	+30.9	+30 196	1	9.4	+30	60	8.2
1	9.	+30.9	+30 195	1	9.0	+30	60	8.2
1	35.6	+31.5	+31 301	1	35.6	+31	29	6.5
1	5	+31.3	+31 197	1	4.9	+31	18	7.3
1	4.6	+31.5	+31 196	1	4.5	+31	28	8.2
1	0.0	+31.2	+31 185	1	0.0	+31	15	6.9
0	58.2	+31.4	+31 180	0	58.2	+31	24	7.2
1	40.4	+31.9	+31 316	1	40.4	+31	58	6.2
1	36.0	+31.8	+31 303	1	36.1	+31	47	7.2

*BD. +30° 218, 219 entered on BD. +30° 220

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September 25, 1893

Plate 2088

R. A. Cl. Rem. Kline Int.

15.3 13.3 F 3564 K=H 1
16.3 9.0 H N 1
16.4 12.2 G K=H 2
16.7 17.0 H N 1
16.4 19.8 G2 F K=H 2
16.5 21.2 F 3565 K=H 2
16.3 24.2 F 3566 K=H 1
17.6 11.4 a K=H 1
17.8 11.8 E K=H 2
17.9 13.0 F 3567 K=H 1
17.2 16.7 F 3568 K=H 2
17.6 18.9 a K=0.5H 2
18.0 22.5 F 3569 K=H 2
18.1 7.7 F 3570 K=H 1
19.0 10.0 F 3571 K=H 1
18.5 13.9 F 3572 K=H 1
18.8 15.3 F 3573 K=H 3
18.5 16.8 G K=H 2
18.2 18.1 a K=H 1
18.4 21.1 a N 3
18.1 22.8 a N 2
19.7 13.4 a N 3
19.3 15.7 F 3574 K=H 3
19.5 16.2 a N 1
19.2 18.2 a N 1
19.6 20.0 E K=H 1
19.2 20.7 F 3575 K=H 2
19.9 22.7 a K=H 2

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	R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855		Magn.
1	1h 24.0m	+31.8	+31° 268	1h 24.0m	+31°	49'	8.1
1	34.1	+32.2	+32 299	1 34.1	+32	14	7.6
			300	1 34.3	+32	13	9.5
1	26.8	+32.4	+32 272	1 26.7	+32	23	7.2
			271	1 26.7	+32	24	9.2
1	15.0	+32.5	+32 245	1 15.1	+32	32	7.7
1	8.2	+32.4	+32 223	1 8.2	+32	22	6.5
1	5.1	+32.4	+32 204	1 5.0	+32	22	7.9
1	58.0	+32.2	+32 191	1 57.9	+32	13	7.8
1	28.6	+32.9	+32 281	1 28.6	+32	55	8.2
1	27.5	+33.1	+33 259	1 27.6	+33	6	6.5
1	24.9	+33.1	+33 252	1 24.7	+33	7	7.8
1	10.8	+32.7	+32 230	1 10.8	+32	45	7.8
1	10.7	+32.9	+32 229	1 10.6	+32	60	8.0
1	2.0	+33.1	+33 181	1 1.9	+33	6	7.0
1	37.4	+33.1	+33 294	1 37.4	+33	7	8.1
1	32.1	+33.6	+33 273	1 32.1	+33	37	7.7
1	22.8	+33.4	+33 246	1 22.7	+33	27	8.1
*1	19.0	+33.6	+33 234	1 18.9	+33	36	6.6
1	15.4	+33.5	+33 220	1 15.4	+33	29	6.3
1	12.3	+33.2	+33 209	1 12.3	+33	13	8.5
1	5.1	+33.3	+33 187	1 5.2	+33	21	7.0
1	1.2	+33.2	+33 178	1 1.2	+33	10	7.0
1	23.9	+34.0	+34 265	1 23.9	+34	4	6.6
1	17.9	+33.8	+33 228	1 17.9	+33	50	6.5
1	17.0	+33.9	+33 224	1 16.9	+33	55	8.5
1	12	+33.7	+33 207	1 11.9	+33	44	8.8
1	7.7	+33.9	+33 195	1 7.6	+33	57	8.2
1	6	+33.7	+33 188	1 5.9	+33	44	7.0
1	1.2	+34.0	+34 194	1 1.2	+34	2	7.4

*BD +33° 233 = 233 substituted for BD +33° 234

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1893phae.proj..883F

September 25. 1893

Plate 2088.

K. H. bl. Rem. Klinc Int.

20.7	9.4	a	R 4
20.9	11.0	H	R 1
20.4	12.4	H	K=H 1
21.0	19.4	a	R 1
20.6	23.7	a	R 2
21.8	8.1	a	K=H 1
21.5	11.6	F 3576	K=H 1
21.3	12.7	H	R 1
21.8	13.2	G	K=H 2
22.?	~~27~~ 22.		
	~~21.4~~ 12.5	K?	K=1.5H3
22.5	12.6	a	K=H 2
22.9	16.0	F 3577	K=H 1
22.8	19.6	F 3578	K=H 1
23.3	10.7	a	R 2
23.3	11.9	a	K=H 1
23.9	16.5	a	R 2
23.1	16.9	a	R 3
24.3	8.5	a	R 2
24.6	12.5	a	R 4
7 15	24.3	~~20~~ 15.0 a	R 2
hr. min.			
0 50	23.1	21.6 E	K=H 1

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1893phae.proj.:883F

R.A. 1855.	Dec.	BD.	No.	R.A. 1855.	Dec. 1855.	Magn.
1h 33.9m	+34.5	+34°	297	1h 33.7m	+34° 30'	6.0
1 29.8	+34.6	+34	284	1 29.8	+34 37	7.8
1 26.4	+34.4	+34	272	1 26.3	+34 23	7.0
1 9.2	+34.7	+34	224	1 9.4	+34 40	7.7
0 58.9	+34.8	+34	183	0 58.8	+34 23	7.5
1 36.9	+34.9(4)	+34	304	1 37.0	+34 59	7.3
1 28.4	+34.9	+34	280	1 28.4	+34 53	8.1
1 25.6	+34.9	+34	270	1 25.6	+34 52	7.2
* 1 24.5	+35.1	+35	292	1 24.5	+34.5 6	6.5
1 ~~25.9~~ 1.5	~~+35.5~~ +34.9	+34	198	1 1.6	+34 50	2.2
1 25.9	+35.5	+35	296	1 25.9	+35 26	8.2
1 17.4	+35.6	+35	270	1 17.5	+35 36	7.7
1 8.6	+35.6	+35	238	1 8.6	+35 33	8.0
1 30.8	+35.8	+35	314	1 30.8	+35 48	7.0
1 27.8	+35.8	+35	303	1 27.8	+35 48	7.8
1 16.1	+36.1	+36	241	1 16.1	+36 8	7.3
1 15.0	+35.7	+35	260	1 ~~15.1~~ 1.5	~~+35~~ +35 ~~45~~ 47	~~6.7~~ 8.5
1 36.2	+36.2	+36	306	1 36.2	+36 13	6.8
1 26.0	+36.5	+36	277	1 ~~26.~~ 25.9	+36 30	6.2
1 20.1	+36.3	+36	259	1 20.1	+36 20	7.3
1 3.5	+35.6	+35	219	1 3.6	+35 38	7.8

*BD +35° 298 substituted on 292.

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1893phae.proj..003F

RA h 2 m 52 ° +31.4 September 26. 1893.

h. m.
23 15 Plate 2165

D. H. Cl. Rün Klinc Inst.

5.8	6.1	E		K=H	1
5.8	9.6	A		N	3
5.2	10.4	H		N	1
4.6	14.0	F	3579	K=H	1
5.7	19.4	A		N	3
5.4	23.6	A		N	3
6.9	10.6	A		N	2
6.6	17.1	A		N	2
5.9	18.6	A		N	1
6.6	22.4	A		N	4
7.7	13.6	A		K=H	2
9.0	7.6	A		N	1
9.5	6.2	D		K=H	3
9.4	10.9	A		N	3
9.4	12.0	A		N	1
9.4	16.7	E		K=H	1
9.5	20.3	G5		K=H	3
10.5	20.5	A		N	2
10.1	21.8	F	3580	K=H	1
10.8	23.7	A		N	1
11.4	18.4	A		N	1
11.6	19.0	F	3581	K=H	1
12.3	8.6	A		N	3
12.2	12.3	A		K=H	2
12.1	18.5	A		K=H	1
12.1	19.4	F	3582	K=H	2
13.0	22.9	H		N	1
13.6	7.7	F	3583	K=H	2

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1893phae.proj..883F

R.A. 1855 h	m	Dec. 1855 °		BD. No.	R.A. 1855 h	m	Dec. 1855 °	′	Magn.
3	11.2	+26.5	+26	540	3	11.2	+26	32	6.0
3	3.5	+26.7	+26	523	3	3.6	+26	41	6.2
3	1.9	+26.3	+26	516	3	1.9	+26	20	6.0
2	54.0	+26.0	+26	503	2	53.8	+26	3	7.2
2	41.4	+26.6	+26	471	2	41.5	+26	40	3.7
2	32.1	+26.5	+26	443	2	32.2	+26	26	5.5
3	1.4	+27.2	+27	480	3	1.5	+27	16	6.5
2	46.9	+27.1	+27	455	2	46.8	+27	8	7.2
2	43.3	+26.7	+26	475	2	43.3	+26	41	8.0
2	35.0	+27.1	+27	424	2	35.0	+27	6	5.0
2	54.9	+27.7	+27	468	2	54.9	+27	42	6.5
3	8.2	+28.2	+28	511	3	8.4	+28	14	8.2
3	11.5	+28.5	+28	516	3	11.6	+28	31	5.2
3	1.0	+28.5	+28	499	3	0.9	+28	32	6.0
2	58.4	+28.6	+28	493	2	58.6	+28	34	7.5
2	47.5	+28.5	+28	477	2	47.6	+28	34	6.8
2	39.4	+28.6	+28	462	2	39.4	+28	38	5.2
2	39.0	+29.0	+29	471	2	39.1	+29	5	7.4
2	36.0	+28.8	+28	455	2	36.0	+28	51	7.5
2	31.7	+29.2	+29	453	2	31.8	+29	9	7.5
2	43.7 / 44.4	+29.6	+29	492	2	43.7	+29	35	8.2
2	42.3	29.7	+29	484	2	42.4	+29	41	7.7
3	6.4	+30.0	+30	512	3	6.5	+30	1	5.8
2	58.0	+29.9	+29	522	2	58.1	+29	58	7.5
2	43.4	+29.9	+29	489	2	43.5	+29	56	8.0
2	41.3	+29.9	+29	481	2	41.4	+29	55	7.1
2	33.4	+30.4	+30	433	2	33.4	+30	19	6.9
3	8.9	+30.6	+30	520	3	8.8	+30	36	6.5

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1893phae.proj..083F

September 26, 1893

Plate 2165

R. H Cl. Rem. Kline Int.

13.4	9.6	H		N	1
13.3	15.0	E		K=H	1
13.3	20.0	E		K=H	1
13.9	20.7	a		N	1
14.8	13.5	a		N	1
14.1	16.0	H		N	1
14.8	16.3	a		N H	
14.4	17.7	a		K=H	1
14.2	18.0	F	3584	K=H	2
14.9	19.2	a		N	2
15.6	8.2	G		K=H	3
15.6	10.7	H		N	1
15.8	14.7	F	3585	K=H	2
15.8	15.9	E		K=H	2
15.7	15.7	a		K=H	1
15.8	22.0	H		N	1
15.7	23.5	a		N	1
16.9	8.7	F	3586	K=H	3
16.8	17.9	a		K=H	1
16.7	19.2	a		K=H	1
16.7	19.7	a		N	1
16.8	22.5	F	3587	K=H	1
16.3	12.6	a		N	2
18.7	15.4	a		K=H	1
18.8	19.7	a		N	2
18.0	24.2	H		N	1
19.7	7.6	K		K=H	3
19.1	12.9	a		N	1

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
3h 4.3m	+30.5°	+30° 505	3h 4.4m	+30° 32'	7.2
2 51.5	+30.5	+30 477	2 51.5	+30 32	7.5
2 40.0	+30.5	+30 448	2 40.0	+30 31	7.2
2 38.4	+30.8	+30 444	2 38.4	+30 47	7.9
2 55.4	+31.4	+31 531	2 55.5	+31 22	8.0
2 49.1	+30.9	+30 469	2 49.3	+30 54	7.8
2 48.5	+31.4	+31 509	2 48.5	+31 20	4.8
2 45.1	+31.1	+31 499	2 45.2	+31 6	8.1
2 44.8	+31.0	+31 497	2 44.7	+31 3	7.0
2 41.9	+31.4	+31 490	2 41.7	+31 22	6.5
3 7.7	+31.7	+31 576	3 7.7	+31 39	6.5
3 2.0	+31.7	+31 553	3 2.0	+31 40	7.0
2 52.6	+31.8	+31 526	2 52.7	+31 50	6.5
2 49.2	+31.9	+31 512	2 49.5	+31 54	6.6
2 45.4	+31.7	+31 500	2 45.4	+31 44	8.3
2 35.2	+31.7	+31 472	2 35.3	+31 45	7.5
2 31.8	+31.7	+31 463	2 31.8	+31 41	7.3
3 6.0	+32.3	+32 591	3 6.8	+32 19	6.5
2 44.9	+32.3	+32 522	2 44.9	+32 19	7.5
2 41.5	+32.3	+32 511	2 41.6	+32 14	8.2
2 40.3	+32.2	+32 508	2 40.3	+32 14	7.5
2 34.0	+32.3	+32 492	2 34.1	+32 14	8.0
2 57.7	+33.0	+33 578	2 57.6	+33 4	7.7
2 50.8	+33.3	+33 553	2 50.7	+33 15	8.3
2 40.5	+33.3	+33 521	2 40.6	+33 20	7.1
2 30.0	+32.8	+32 478	2 30.0	+32 47	6.9
3 9.8	+33.7	+33 619	3 9.7	+33 41	5.0
2 57.0	+33.5	+33 574	2 57.0	+33 26	7.5

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1893phae.proj..883F

September 26. 1893

Plate 2165

R. H. of Rim. Klein Int.

20.5	8.8	a	R 3
20.5	17.1	a	K=H 1
20.9	18.8	K	K=H 4
22.0	11.8	a	K=H 1
21.2	15.7	K	K=H 3
21.7	19.0	H	R 1
22.0	20.6	F 3588	K=H 3
21.2	21.8	a	R 2
22.8	19.7	a	R 1
22.9	20.6	G5 V	K=H 2
24.6	13.2	a	R 2

RA 2h 39m +31.4°

Plate 2192

3.8	8.7	F 3569	K=H 2
3.6	8.9	a	R 3
4.7	13.3	F 3590	K=H 1
5.0	13.5	a	R 1
4.8	14.3	a	R 5
4.4	17.3	a	R 1
4.3	17.9	a	R 1
4.4	18.3	a	K=0.1H 3
5.1	9.9	F 3591	K=H 1
5.8	11.9	a	R 3
5.6	17.1	a	R 4
5.5	22.4	F 3592	K=H 1
6.4	5.4	a	R 3
6.4	7.4	a	R 1

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1893phae.proj..883P

R.A. 1855	Dec.	B.D. No.	R.A. 1900	Dec. 1900	Magn.
3h 7.0m	+34.1	+34° 610	3h 7.0m	+34° 9'	6.5
2 46.7	+34.2	+34 540	2 46.6	+34 11	8.2
2 42.6	+34.5	+34 527	2 42.6	+34 28	4.2
2 59.7	+34.9	+34 585	2 59.7	+34 53	8.0
2 50.0	+34.6	+34 550	2 50.1	+34 36	5.4
2 42.0	+34.8	+34 524	2 41.9	+34 48	7.0
2 38.1	+34.9	+34 513	2 38.2	+34 57	6.5
2 35.1	+34.5	+34 504	2 35.3	+34 30	7.3
2 40.2	+35.3	+35 567	2 40.2	+35 16	7.7
2 38.0	+35.4	+35 553	2 38.0	+35 23	6.8
2 56.4	+36.2	+36 628	2 56.5	+36 13	6.5
2 54.0	+26.0	+26 503	2 53.8	+26 3	7.2
2 53.6	+25.9	+25 477	2 53.4	+25 54	5.8
2 43.6	+26.5	+26 476	2 43.6	+26 30	8.5
2 43.1	+26.7	+26 475	2 43.3	+26 41	8.0
2 41.4	+26.6	+26 471	2 41.5	+26 40	3.7
2 34.8	+26.4	+26 451	2 34.6	+26 22	7.6
2 33.1	+26.3	+26 447	2 33.2	+26 19	8.0
2 32.1	+26.4	+26 443	2 32.2	+26 26	5.5
2 51.2	+26.7	+26 495	2 51.3	+26 44	8.6
2 46.9	+27.1	+27 455	2 46.8	+27 8	7.2
2 35.0	+27.1	+27 424	2 35.0	+27 6	5.0
2 23.0	+26.9	+26 424	2 23.1	+26 55	9.4
3 1.5	+27.2	+27 480	3 1.5	+27 16	6.5
2 57.0	+27.3	+27 477	2 57.0	+27 18	8.5

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1893phae.proj..883F

September 26, 1893

Plate 2192

R. A.	H	Col.	Rem.	Klein Int	
7.0	6.4	a		K=H	3
6.9	11.7	a		K=H	1
6.7	11.9	a		N	1
6.4	16.6	a		N	1
7.6	8.2	a		N	1
7.5	22.0	a		N	1
8.4	5.8	a		N	3
8.8	6.8	a		N	2
8.6	11.6	G		K=H	2
8.6	15.1	G5	K	K=1.2H	4
9.0	20.3	a		N	2
8.7	20.5	F	3593	K=H	1
9.6	7.5	F	3594	K=H	1
9.2	13.0	a		N	1
9.5	15.2	a		N	3
9.1	16.6	F	3595	K=H	2
9.8	18.5	a		N	2
9.6	23.8	a3	F	K=H	3
10.6	13.4	a		N	2
10.6	13.5	F	3596	K=H	1
10.4	13.9	F	3597	K=H	2
10.3	15.6	F	3598	K=H	1
10.9	19.8	a		N	2
10.2	21.6	E		K=H	1
10.1	23.5	F	3599	K=H	3
11.5	7.1	F	3600	K=H	2
11.5	10.1	H		N	1
12.0	11.6	H		N	1

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
2h 54.9m	+27.7°	+27° 468	2h 54.9m	+27° 42	6.5
2 47.2	+27.6	+27 457	2 47.3	+27 40	8.0
2 46.8	+27.5	+27 456	2 46.9	+27 34	8.3
2 36.0	+27.4	+27 428	2 36.0	+27 23	7.8
2 55.2	+27.9	+27 471	2 55.4	+27 57	8.4
2 23.8	+27.9	+27 394	2 23.8	+27 56	7.9
3 1.0	+28.5	+28 499	3 0.9	+28 32	6.0
2 58.5	+28.5	+28 493	2 58.6	+28 34	7.5
2 47.5	+28.6	+28 477	2 47.6	+28 34	6.8
2 39.1	+28.6	+28 462	2 39.4	+28 38	5.2
2 27.5	+28.8	+28 438	2 27.6	+28 46	7.0
2 27.0	+28.6	+28 437	2 27.2	+28 36	7.9
2 56.6	+28.9	+28 488	2 56.6	+28 58	7.9
2 44.4	+28.8	+28 473	2 44.4	+28 52	8.3
2 39.0	+29.0	+29 471	2 39.1	+29 5	7.4
2 36.0	+28.8	+28 455	2 36.0	+28 51	7.5
2 31.8	+29.2	+29 453	2 31.8	+29 9	7.5
2 19.6	+29.0	+29 417	2 19.7	+29 1	5.5
2 43.7	+29.6	+29 492	2 43.7	+29 35	8.2
2 43.2	+29.6	+29 488	2 43.4	+29 36	8.3
2 42.2	+29.7	+29 484	2 42.4	+29 41	7.7
2 38.3	+29.5	+29 468	2 38.4	+29 28	8.8
2 28.6	+29.8	+29 444	2 28.6	+29 47	7.8
2 24.6	+29.3	+29 434	2 24.6	+29 19	7.7
2 20.3	+29.3	+29 423	2 20.4	+29 17	7.5
2 58.2	+29.9	+29 522	2 58.1	+29 58	7.5
2 51.0	+30.0	+30 474	2 51.2	+30 1	8.3
2 47.8	+30.3	+30 466	2 47.8	+30 18	8.0

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1893phae.proj..883F

September 26, 1893

Plate 2192

V H d. Rim. Klinc Int.

11.3	13.5	a		N	2
11.2	14.4	F	3601	K=H	3
11.9	17.7	E		K=H	2
11.8	19.2	E		K=H	2
12.5	10.0	F	3602	K=H	2
12.3	12.0	H		N	1
12.4	15.0	E		K=H	2
12.3	15.3	E		K=H	1
12.9	15.6	a		N	2
13.0	16.2	H		N	1
12.5	20.3	F	3603	K=H	1
13.0	21.4	H		N	1
12.0	23.2	H		N	1
12.9	24.2	F	3604	K=H	1
13.3	11.0	E		K=H	2
14.0	11.4	a		N	4
13.4	11.9	F	3605	K=H	1
13.6	12.8	a		K=H	2
13.4	13.0	F	3606	K=H	3
14.0	14.3	a		N	3
13.2	16.5	a		N	1
13.3	20.0	G2		K=H	3
13.3	21.2	F	3607	K=H	1
13.6	23.9	G3		K=H	3
14.4	7.8	E		K=H	1
14.5	8.0	E		K=H	1
14.2	8.4	a		N	2
15.0	9.7	F	3608	K=H	3

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1993phae.proj.:883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
2h 43m.4	+29°.9	+29° 489	2h 43m.5	+29 56	8.0
41.2	+29.9	+29 481	41.4	+29 55	7.1
33.2	+30.4	+30 433	33.4	+30 19	6.9
41.2	+29.9	+29 481	41.4	+29 55	7.1
51.4	+30.5	+30 477	51.5	+30 32	7.5
46.8	+30.4	+30 464	47.0	+30 27	7.0
40.0	+30.5	+30 448	40.0	+30 31	7.2
39.0	+30.4	+30 445	39.1	+30 27	7.9
38.6	+30.8	+30 444	38.4	+30 47	7.9
32.2	+30.8	+30 427	32.2	+30 47	8.2
27.1	+30.5	+30 417	27.3	+30 32	7.8
24.8	+30.8	+30 409	25.0	+30 47	7.5
21.0	+30.2	+30 399	20.8	+30 14	7.8
18.3	+30.6	+30 396	18.5	+30 38	8.0
49.2	+30.9	+30 469	49.3	+30 54	7.8
48.5	+31.4	+31 509	48.5	+30 20	4.8
47.0	+30.9	+30 465	47.1	+30 60	7.9
45.2	+31.1	+31 499	45.2	+31 6	8.1
44.7	+31.0	+31 497	44.7	+31 3	7.0
41.9	+31.4	+31 490	41.7	+31 22	6.5
36.1	+30.9	+30 438	36.1	+30 51	8.7
28.0	+30.9	+30 418	28.1	+30 58	6.1
25.2	+30.9	+30 410	25.3	+30 58	7.5
18.9	+31.2	+31 427	18.9	+31 8	5.7
56.9	+31.4	+31 536	56.9	+31 28	7.5
56.6	+31.5	+31 534	56.6	+31 31	7.5
55.4	+31.4	+31 531	55.5	+31 22	8.0
52.7	+31.8	+31 526	52.7	+31 50	6.5

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Plate 2192

V H Cl. Rain. Klein Sut.

15.0	11.0	E	K=H	3
14.8	12.7	a	K=H	1
15.8	14.1	H	R	1
14.4	14.8	F	3609 K=H	1
14.8	16.9	F	3610 K=H	2
14.7	18.4	a	R	2
14.3	21.9	F	3611 K=H	1
15.7	11.3	F	3612 K=H	1
16.0	13.0	a	R	2
15.6	13.7	a	R	1
15.8	14.3	a	R	2
15.8	14.9	a	R	2
15.8	17.5	F	3613 K=H	3
15.7	18.7	H	R	1
15.8	19.8	F	3614 K=H	3
16.4	10.8	F	3615 K=H	1
16.7	16.8	F	3616 K=H	1
17.0	18.7	H	R	1
17.0	18.8	F	3617 K=H	1
16.8	19.1	E	K=H	2
17.0	22.8	F	3618 K=H	1
17.6	7.6	a	R	3
17.9	10.5	a	R	2
17.8	14.5	a	R	1
17.9	14.8	a	R	3
17.3	15.4	F	3619 K=H	1
17.6	17.5	a	R	1
18.0	18.8	F	3620 K=H	2

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1893phae.proj. 883F

R.A.	Dec.	B.D. No.	R.A. 1855.	Dec. 1855.	Magn.
2h 49.4m	+31.9	+31 512	2 49.5	+31 54	6.6
2 45.6	+31.7	+31 500	2 45.4	+31 44	8.3
2 42.2	+31.7	+31 493	2 42.2	+31 46	8.0
2 40.4	+31.5	+31 483	2 40.5	+31 30	8.6
2 35.2	+31.7	+31 472	2 35.3	+31 45	7.5
2 31.7	+31.7	+31 463	2 31.8	+31 41	7.3
2 23.5	+31.4	+31 444	2 23.7	+31 28	7.5
2 48.8	+32.1	+32 535	2 48.8	+32 9	8.3
2 44.9	+32.3	+32 522	2 44.9	+32 19	7.5
2 43.2	+32.1	+32 517	2 43.2	+32 8	8.1
2 41.7	+32.3	+32 511	2 41.6	+32 14	8.2 ?
2 40.2	+32.2	+32 508	2 40.3	+32 14	7.5
2 34.0	+32.3	+32 490	2 34.0	+32 17	7.4
2 31.0	+32.2	+32 484	2 31.1	+32 11	7.1
2 28.5	+32.3	+32 473	2 28.4	+32 15	6.5
2 50.0	+32.5	+32 538	2 49.9	+32 32	8.5
2 35.4	+32.7	+32 496	2 35.5	+32 40	8.9
2 31.1	+32.9	+32 483	2 31.1	+32 52	7.8
2 30.8	+32.9	+32 481	2 30.8	+32 53	8.2
2 30.0	+32.8	+32 478	2 30.0	+32 47	6.9
2 21.3	+32.9	+32 453	2 21.6	+32 51	8.0
2 57.8	+33.1	+33 578	2 57.6	+33 4	7.7
2 50.8	+33.3	+33 553	2 50.7	+33 15	8.3 ?
2 41.2	+33.3	+33 526	2 41.2	+33 13	8.6
2 40.6	+33.4	+33 521	2 40.6	+33 20	7.1
2 38.6	+33.0	+33 512	2 38.7	+33 1	8.5
2 34.0	+33.1	+33 493 484	2 33.8	+33 9	8.2
* 2 31.0	+33.3	+33 481	2 31.1	+33 20	7.5

* B.D. +33° 482 evidently error for B.D. +33° 481

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Plate 2192

V Tt Cl. Rem. Klein Int.

17.6	21.0	Ȳ		K=H	2
17.3	22.0	F	3621	K=H	1
17.8	22.6	Ȳ		K=H	3
18.4	7.9	a		N	2
18.6	8.6	a		N	1
18.9	16.2	H		N	1
18.7	16.3	a		N	1
18.7	16.5	a		N	2
18.4	17.2	a		N	2
18.6	17.6	E		K=H	2
18.8	19.2	E		K=H	1
18.4	20.7	F	3622	K=H	1
18.2	20.8	F	3623	K=H	2
18.8	21.2	a		N	2
19.2	8.8	a		K=H	1
19.7	12.3	a		N	1
19.2	14.8	a		K=H	1
19.2	18.5	E	~~3624~~	K=H	1
19.5	20.3	a		N	2
19.3	20.3	Ina(2)		N	2
19.1	21.5	Ȳ		K=H	3
19.5	21.8	F	3623 4	K=H	1
20.0	22.2	F	3623 5	K=H	1
20.4	10.9	K		K=H	3
20.1	14.0	K		K=H	4
20.8	14.3	Ȳ		K=H	2
20.4	14.7	F	3626	K=H	1
21.0	15.7	F	3629	K=H	3

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R.A. 1855. h m	Dec. °	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
2 20.5	+33.1	+33 461	2	25.5 +33	8 6.6
2 23.0	+32.9	+32 459	2	23.2 +32	54 8.2
2 21.6	+33.2	+33 445	2	21.6 +33	11 6.5
2 57.8	+33.4	+33 574	2	57.0 +33	26 7.5
2 55.2	+33.6	+33 566	2	55.3 +33	33 8.3
2 37.0	+33.8	+33 503	2	37.0 +33	49 7.8
2 36.6	+33.7	+33 502	2	36.5 +33	42 8.5
2 36.2	+33.7	+33 501	2	36.2 +33	43 8.5
2 34.8	+33.6	+33 494	2	34.5 +33	33 8.1
2 33.5	+33.7	+33 491	2	33.5 +33	41 7.1
2 30.0	+33.7	+33 478	2	29.9 +33	42 8.2
2 26.2	+33.5	+33 460	2	26.3 +33	32 8.1
2 26.0	+33.4	+33 463	2	26.0 +33	27 7.6
2 25.0	+33.7	+33 458	2	25.0 +33	43 7.5
2 55.0	+33.9	+33 565	2	54.9 +33	53 7.7
2 46.6	+34.2	+34 540	2	46.6 +33	11 8.2
2 40.6	+33.9	+33 519	2	40.5 +33	55 8.3
2 31.4	+33.9	+33 485	2	31.5 +33	58 8.0
2 27.0	+34.1	+34 471	2	27.1 +34	5 7.3
2 27.0	+34.1	+34 469	2	27.0 +34	3 6.6
2 24.1	+33.9	+33 454	2	24.1 +33	54 6.4
2 23.2	+34.0	+34 454	2	23.4 +34	2 7.8
2 22.3	+34.3	+34 448	2	22.4 +33	17 8.0
2 50.0	+34.6	+34 550	2	50.1 +34	36 5.4
2 42.8	+34.5	+34 527	2	42.6 +34	28 4.2
2 42.0	+34.8	+34 524	2	41.9 +34	48 7.0
2 40.9	+34.6	+34 520	2	40.8 +34	34 7.8
2 38.0	+34.9	+34 513	2	38.2 +34	57 6.5

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Plate 2192.

V. H Cl. Rain. Klare Int.

20.8	16.1	H		N 1
20.2	16.8	a		N 3
20.9	18.6	a		N 1
20.3	20.9	a		N 2
21.3	7.0	a		N 2
21.8	14.9	a		K=H 2
22.0	15.7	G		K=H 2
21.5	24.0	a		N 2
22.5	10.0	H		N 1
22.7	14.1	F	3628	K=H 1
22.6	16.1	F	3629	K=H 1
22.3	21.8	K		K=H 3
22.4	22.3	a		N 2
23.2	9.2	F	3630	K=H 1
23.9	8.4	a		N 3
23.0	10.5	F	3631	K=H 1
23.6	12.6	a		N 1
24.3	13.8	H		N 1
23.9	14.4	F	3632	K=H 3
23.7	14.8	F	3633	K=H 1
23.2	15.8	a		N 1

23 55

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R.A. 1855.	Dec.	BD. No.		R.A. 1855.	Dec. 1855.		Magn.
2h 37.0m	+34.8	+34	510	2	37.2	+34	50	7.2
2 35.2	+34.0	+34	504	2	35.3	+34	30	7.3
2 31.0	+34.8	+34	487	2	31.1	+34	48	8.6
2 25.5	+34.5	+34	462	2	25.5	+34	30	7.0
2 59.7	+34.9	+34	585	2	59.7	+34	53	8.0
2 40.2	+35.3	+35	567	2	40.2	+35	16	7.7
2 38.0	+35.4	+35	553	2	38.0	+35	23	6.8
2 18.0	+34.9	+34	437	2	18.1	+34	57	6.9
2 52.2	+35.6	+35	607	2	52.2	+35	34	7.0
2 42.5	+35.7	+35	576	2	42.3	+35	42	8.0
2 37.1	+35.7	+35	550	2	37.2	+35	39	7.9
2 23.2	+35.5	+35	497	2	23.3	+35	31	5.6
2 22.0	+35.5	+35	490	2	22.0	+35	28	7.5
2 54.7	+35.8	+35	615	2	54.4	+35	52	9.2
			616	2	54.5	+35	52	7.1
2 56.4	+36.2	+36	628	2	56.5	+36	13	6.5
2 51.1	+35.8	+35	602	2	51.3	+35	48	8.0
2 46.0	+36.1	+36	596	2	46.0	+36	8	8.3
2 43.0	+36.5	+36	582	2	43.1	+36	29	7.0
2 41.7	+36.4	+36	569	2	41.6	+36	21	6.5
2 40.5	+36.2	+36	567	2	40.6	+36	12	8.0
2 38.2	+35.9	+35	554	2	38.2	+35	57	8.0

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RA h m 3.3 +31.8 ° September 26, 1893

Plate 2157

h m
0 12 k. H. cl. Pers. Kl. Inst.

6.0	14.4	A	K=0.2H	3
4.7	18.0	A	K	1
5.0	19.3	E	K=H	2
6.0	18.3	G5	K=H	2
5.4	22.8	A	K	3
4.9	23.6	H	K	1
6.9	8.5	F 3634	K=H	1
6.3	14.5	A	K	2
6.6	23.6	A	K	2
8.0	17.1	A	K=0.3H	2
8.4	8.2	A	K	1
8.3	10.0	A	K	2
8.4	10.3	A	K=0.2H	2
8.2	16.3	E	K=H	1
8.8	19.1	K	K=H	3
8.3	20.6	A	K=0.2H	2
9.0	23.8	A	K	3
9.3	12.1	A	K=0.5H	2
10.4	6.2	A	K=H	1
10.3	9.0	F 3635	K=H	1
10.8	12.4	A	K	1
10.8	14.1	F 3636	K=H	1
10.6	14.9	A	K	2
10.4	18.0	A	K=H	1
11.3	8.6	F 3637	K=H	1
11.5	15.4	A	K	2
11.8	21.2	A	K	3
13.0	11.8	F 3638	K=H	2

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1893phae.proj.:883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
3h 22.8m	+27.0	+27° 515	3h 22.6m	+27° 4'	5.7
3 14.5	+26.4	+26 548	3 14.4	+26 22	7.0
3 11.2	+26.5	+26 540	3 11.3	+26 32	6.0
3 13.2	+27.1	+27 500	3 13.5	+27 6	5.7
3 3.6	+26.7	+26 523	3 3.6	+26 41	6.2
3 1.9	+26.3	+26 516	3 1.9	+26 20	6.0
3 35.9	+27.5	+27 558	3 35.9	+27 28	7.0
3 22.4	+27.2	+27 513	3 22.2	+27 13	8.0
		514	3 22.3	+27 13	8.0
3 1.4	+27.3	+27 480	3 1.5	+27 16	6.5
3 16.1	+28.1	+28 526	3 16.1	+28 8	7.2
3 36.8	+28.2	+28 575	3 36.6	+28 12	7.9
3 32.5	+28.2	+28 564	3 32.5	+28 14	7.0
3 31.8	+28.3	+28 562	3 31.8	+28 18	7.0
3 17.9	+28.2	+28 532	3 17.8	+28 13	7.0
3 11.6	+28.5	+28 516	3 11.6	+28 31	6.2
3 8.2	+28.2	+28 511	3 8.4	+28 14	8.2
3 1.0	+28.5	+28 499	3 0.9	+28 32	6.0
3 27.8	+28.8	+28 548	3 27.8	+28 45	6.8
3 41.1	+29.2	+29 632	3 41.2	+29 11	7.8
3 35.0	+29.2	+29 603	3 35.1	+29 13	8.5
3 27.1	+29.5	+29 579	3 27.3	+29 31	7.4
3 23.1	+29.5	+29 571	3 23.3	+29 30	7.8
3 21.6	+29.5	+29 568	3 21.4	+29 32	7.5
3 14.0	+29.3	+29 552	3 14.1	+29 17	7.7
3 35.9	+29.7	+29 607	3 35.9	+29 41	8.0
3 19.9	+29.9	+29 566	3 19.9	+29 52	6.8
3 6.5	+30.0	+30 512	3 6.5	+30 1	5.8
3 28.5	+30.7	+30 558	3 28.5	+30 39	7.1

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Plate 2157

h 17 Cb. Rim. Klein Int.

12.9	20.2	F	3639	K=H	2
13.4	5.6	a		N	3
14.0	12.7	F	3640	K=H	2
14.7	13.0	F	3641	K=H	2
14.3	16.5	F	3642	K=H	1
14.9	20.7	G3		K=H	3
15.5	7.0	F	3643	K=H	1
15.3	7.6	F	3644	K=H	2
15.5	8.1	B	3645	N	2
15.3	9.1	a		N	3
? 16.0	~~18~~ 19.6	a		N	1
17.0	7.0	a		K=0.3H	4
16.7	9.9	F	3646	K=H	2
16.6	17.7	F	3647	K=H	1
16.6	18.5	a		N	1
16.8	18.6	a		N	1
16.3	21.0	F	3648	K=H	3
18.0	7.7	F	3649	~~K=H~~ N	2
17.7	13.8	F	3650	K=H	1
? 17.3	17.6	a		K=0.1H	3
19.0	9.6	a		N	1
18.7	10.0	B	3651	N	4
19.0	11.0	F	3652	K=H	1
18.1	15.7	a		K=0.2H	3
18.9	19.7	K		K=H	3
19.5	5.9	a		N	1
19.7	6.1	a		N	3
19.6	7.4	F	3653	K=H	1

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1992phae.proj.003F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
3h 8.9m	+30.6	+30° 520	3h 8.8m	+30° 36'	6.5
3 43.1	+30.7	+30 582	3 43.0	+30 44	6.5
3 26.7	+31.2	+31 619	3 26.6	+31 12	7.0
3 26.0	+31.5	+31 616	3 26.0	+31 32	6.5
3 17.6	+31.3	+31 599	3 17.6	+31 19	7.5
3 7.7	+31.6	+31 576	3 7.7	+31 39	6.5
3 40.1	+31.8	+31 655	3 40.1	+31 49	8.1
3 38.8	+31.7	+31 650	3 38.7	+31 45	6.5
3 37.6	+31.8	+31 649	3 37.6	+31 51	6.8
3 35.2	+31.8	+31 642	3 35.3	+31 50	3.8
3 ~~12.9~~ 10.1	+32.2	+32 602	3 10.1	+32 9	7.8
3 40.4	+32.6	+32 667	3 40.4	+32 38	5.8
3 33.3	+32.5	+32 659	3 33.3	+32 29	6.8
3 14.7	+32.5	+32 623	3 14.6	+32 28	7.5
3 12.9	+32.4	+32 613	3 12.7	+32 25	8.0
3 12.8	+32.5	+32 612	3 12.7	+32 34	8.0
3 7.0	+32.3	+32 591	3 6.8	+32 19	6.5
3 38.9	+33.1	+33 717	3 38.7	+33 9	7.0
3 24.1	+32.9	+32 639	3 24.1	+32 51	7.5
3 ~~38.9 +33.1~~ 15.2 +33.0		+33 636	3 15.4	+33 1	5.5
3 34.3	+33.6	+33 704	3 34.2	+33 39	7.8
3 33.0	+33.5	+33 698	3 33.2	+33 29	4.8
3 31.0	+33.6	+33 690	3 31.0	+33 39	6.5
3 19.1	+33.3	+33 656	3 19.2	+33 18	6.0
3 9.8	+33.7	+33 619	3 9.7	+33 41	5.0
3 43.0	+33.8	+33 730	3 43.1	+33 45	7.5
3 42.8	+33.9	+33 728	3 42.6	+33 55	6.5
3 39.5	+33.9	+33 719	3 39.5	+33 51	7.5

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1893phae.proj..883F

September 28, 1893.

Plate 2157

h	m	Nov.	Rem.	K-line Int.
19.4	12.4	H		N 1
19.4	16.3	E		K=H 1
20.0	20.9	a		K=0.1H 2
20.6	6.9	a		K=H 2
20.8	12.4	a		N 1
20.5	12.8	a		K=H 1
21.5	14.2	B	3654	N 3
23.4	20.3	a		N 1
23.6	14.6	a		N 1
23.7	9.4	a		N 3

Ra 4h 36m +31.9°

Plate 2976

h	m	Nov.	Rem.	K-line Int.
4.0	6.1	a		K=H 2
? 4.6	~~6.1~~ 7.1	a		K=H 1
4.3	8.0	F	3653	K=H 1
4.5	18.3	F	3656	K=H 2
8.9? 5.5	18.9	a		N 2
5.5	22.5	a		N 2
6.4	6.9	a		K=H 2
6.5	12.2	F	3657	K=H 3
6.5	14.9	a		N 1
6.4	19.0	a		N 2
6.9	22.0	E		K=H 2
7.3	13.0	a		N 2
7.3	13.7	H		N 1
7.9	15.1	H		K=H 2
7.7	17.1	a		K=0.1H 4

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1893phae.proj.:883F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
3h 27.5m	+33° 9'	+33 682	3 27.6	+33 52	7.0
3 18.0	+33.9	+33 649	3 18.0	+33 54	7.0
3 7.0	+34.1	+33 610	3 7.0	+34 9	6.5
3 40.9	+34.4	+34 741	3 40.9	+34 23	7.0
		742	3 41.6	+34 23	9.4
3 27.8	+34.6	+34 693	3 27.7	+34 34	7.4
3 26.8	+34.4	+34 689	3 26.8	+34 27	7.5
3 23.3	+34.9	+34 674	3 23.5	+34 57	6.0
3 8.2	+35.8	+35 660	3 8.2	+35 50	7.0
3 22.5	+35.9	+35 708	3 22.5	+35 59	7.5
*3 35.1	+36.0	+36 742	3 35.2	+36 0	5.5

4 57.0	+26.2	+26 783	4 56.9	+26 13	6.5
4 55.9	+26.5	+26 780	4 55.8	+26 31	7.5
4 52.9	+26.4	+26 775	4 52.8	+26 28	7.2
		776	4 52.8	+26 26	8.7
4 29.6	+26.6	+26 731	4 29.6	+26 39	7.0
4 51.0	+27.1	+27 716	4 50.9	+27 5	7.2
4 20.3	+27.1	+27 661	4 20.4	+27 4	6.5
4 55.6	+27.3	+27 723	4 55.6	+27 29	6.5
4 43.8	+27.6	+27 701	4 43.7	+27 39	6.0
4 37.6	+27.6	+27 694	4 37.5	+27 39	8.3
4 28.1	+27.6	+27 673	4 28.2	+27 37	7.3
4 21.2	+27.6	+27 662	4 21.3	+27 49	6.5
4 42.5	+28.1	+28 704	4 41.8	+28 5	7.4
4 40.1	+28.1	+28 698	4 40.2	+28 6	7.2
4 36.9	+28.4	+28 687	4 36.8	+28 25	7.0
4 32.2	+28.3	+28 680	4 32.3	+28 20	5.0

*3D +36° 743 and 742 = 39 + 36 742

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September 26, 1893

Plate ~~2754~~ 2976

λ	H	Cl.	Rem.	K line Int.
8.3	13.4	F	3658	K=H 1
9.0	14.2	F	3659	K=H 2
8.6	20.1	a		K 4
9.7	13.8	a		K 2
10.4	9.7	a		K 1
10.9	10.0	a		K 1
10.1	14.2	a		K 2
11.0	17.4	e		K=H 1
10.4	17.6	F	3660	K=H 3
11.8	7.4	I		K=H 3
11.3	11.0	a		K 2
11.7	11.1	a		K 2
11.3	18.7	F	3661	K=H 1
11.2	19.0	F	3662	K=H 1
11.1	22.6	F	3663	K=H 3
12.7	9.6	e		K=H 2
12.8	12.6	e	I	K=H 3
13.3	13.9	K		K=1.2H 4
13.9	18.1	F	3664	K=H 2
13.8	20.5	a		K 1
14.0	20.8	a		K=H 1
13.3	23.7	K		K=H 4
14.3	8.6	a		K 2
14.8	11.3	a		K 2
14.5	12.6	a		K=0.2H 2
14.4	18.5	a		K 2
15.4	7.5	a		K 3
15.6	7.8	a		K=H 1

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
* 4h 41.0m	+28.6°	+28° 701	4h 41.0m	+28°	36′	8.0
4 39.1	+28.9	+28 695	4 39.2	+28	58	6.3
4 25.5	+28.6	+28 666	4 25.6	+28	40	5.7
4 40.1	+29.3	+29 742	4 40.1	+29	19	7.0
4 49.7	+29.6	+29 774	4 49.6	+29	37	7.0
4 48.9	+29.9	+29 771	4 48.8	+29	54	7.7
4 39.1	+29.5	+29 741	4 39.2	+29	32	6.5
4 31.6	+30.0	+30 704	4 31.6	+30	1	7.2
4 31.1	+29.7	+29 728	4 31.2	+29	41	6.5
4 55.0	+30.3	+30 772	4 55.0	+30	18	6.5
4 46.5	+30.1	+30 742	4 46.6	+30	7	7.0
4 46.5	+30.3	+30 741	4 46.5	+30	19	6.8
4 28.9	+30.1	+30 698	4 28.6	+30	6	8.4
4 28.1	+30.1	+30 695	4 28.1	+30	6	7.7
4 19.8	+30.0	+30 665	4 19.7	+30	3	6.0
4 50.1	+30.5	+30 751	4 50.1	+30	46	8.5
		+30 752	4 50.1	+30	50	8.0
4 43.0	+30.9	+30 732	4 42.9	+30	55	6.8
4 40.0	+31.2	+31 816	4 39.9	+31	10	5.3
4 30.0	+31.5	+31 805	4 30.0	+31	28	7.8
4 24.4	+31.4	+31 794	4 24.4	+31	22	8.3
4 23.7	+31.5	+31 791	4 23.6	+31	28	8.5
4 17.0	+31.1	+31 776	4 16.9	+31	7	5.0
4 52.6	+31.6	+31 845	4 52.4	+31	34	7.0
4 46.0	+31.9	+31 829	4 46.1	+31	54	7.2
4 43.1	+31.7	+31 821	4 43.1	+31	44	7.0
4 29.0	+31.7	+31 803	4 29.0	+31	42	7.0
4 55.3	+32.1	+32 879	4 55.2	+32	7	6.6
4 54.7	+32.2	+32 876	4 54.5	+32	10	8.3

*BD. +28° 700 substituted for BD. +28° 701.

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1893phae.proj..883F

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Plate 2976

K. H Cl. Rem. Klinc Int.

16.0	11.5	H		R 1
15.6	14.0	a		K=0.5H 4
16.0	16.2	a		K=H 3
15.3	21.7	a		R 4
15.5	22.0	F	3665	K=H 1
16.4	6.3	H		R 1
16.7	10.8	K		K=1.2H 5
16.9	19.7	a		R 1
17.7	6.6	a		R 1
18.6	7.0	a		R 3
18.5	10.9	H		R 1
18.7	13.2	a		K=H 1
18.4	14.2	F	3666	K=H 1
18.2	16.5	S		K=H 2
18.4	24.2	F	3667	K=H 3
18.8	24.3	a		R 4
19.0	24.3	a		R 2
19.9	6.9	F	3668	K=H 1
19.4	10.2	F	3669	K=H 1
19.4	12.9	a		K=H 2
20.7	15.7	F	3670	K=H 1
20.9	22.3	a		R 1
22.0	12.7	F	3671	K=H 1
22.0	13.3	S		K=H 2
22.6	7.4	a		R 3
22.8	11.3	a		R 3
23.0	16.8	F	3672	K=H 1
22.3	18.1	a		R 1

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R.A. 1855. Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
4h 46.1m +32°5	+32 853	4	46.1 +32 33	7.5
4 39.9 +32.3	+32 840	4	39.9 +32 21	6.0
4 34.6 +32.6	+32 827	4	34.4 +32 36	6.5
4 21.2 +32.1	+32 806	4	21.3 +32 8	6.5
4 20.9 +32.2	+32 805	4	20.8 +32 12	7.3
4 58.2 +32.5	+32 892	4	58.2 +32 33	7.5
4 47.6 +32.9	+32 855	4	47.5 +32 56	3.0
4 26.2 +32.9	+32 814	4	26.2 +32 58	7.6
4 57.8 +33.2	+33 956	4	57.5 +33 13	8.3
4 56.6 +33.7	+33 953	4	56.6 +33 43	7.0
4 47.2 +33.7	+33 926	4	47.4 +33 45	8.0
4 42.0 +33.8	+33 907	4	41.8 +33 51	7.7
4 39.2 +33.7	+33 901	4	39.4 +33 44	7.5
4 33.8 +33.6	+33 892	4	33.6 +33 40	7.3
4 15.3 +33.6	+33 854	4	15.2 +33 39	6.0
4 15.0 +33.5	+33 852	4	15.1 +33 48	6.0
4 14.9 +33.9	+33 851	4	15.1 +33 58	6.9
4 57.2 +34.4	+34 948	4	57.2 +34 20	7.8
4 49.4 +34.1	+34 932	4	49.1 +34 10	8.0
4 42.8 +34.2	+34 916	4	42.7 +34 11	7.7
4 35.7 +34.9	+34 904	4	35.6 +34 53	7.2
4 18.8 +34.9	+34 883	4	19.7 +34 56	6.8
4 43.3 +35.5	+35 917	4	43.3 +35 33	8.3
4 42.0 +35.5	+35 914	4	41.9 +35 34	7.0
4 56.0 +35.7	+35 973	4	56.3 +35 44	6.5
4 46.8 +35.9	+35 930	4	46.7 +35 56	6.5
4 33.0 +36.0	+36 926	4	33.0 +36 1	7.2
4 29.9 +35.6	+35 893	4	29.8 +35 40	7.0

*BD +34°905 understood as BD +34°904

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September 28, 1893

Plate 2976

R. H. C. Rice. Kline Smt.

9.7 P	23.9 19.7 a	N 1	R
	24.1 12.5 H	K=H 1	4
	23.8 12.9 K	K=H 3	4
	23.5 18.3 a	N 1	4
	24.3 19.2 Dra	N 1	4
	23.9 21.1 H	N 1	4
0 50	23.5 23.0 H	N 1	4

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R.A. 1855	Dec.	BD. No.	Q.A. 1855	Dec. 1855		Magn.
4 51.0	+36.4	+36	995	4 50.8	+36 25	7.5
4 43.9	+36.6	+36	957	4 43.8	+36 35	6.5
4 43.0	+36.5	+36	952	4 42.9	+36 28	5.0
4 29.2	+36.2	+36	918	4 29.4	+36 16	7.0
4 27.0	+36.7	+36	914	4 27.0	+36 39	6.5
4 22.4	+36.5	+36	903	4 22.3	+36 27	6.5
4 17.8	+36.2	+36	895	4 17.7	+36 12	6.5

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RA ^{h} 5 ^{m} 24 +8.7 October 2, 1893

h. m
0 20 Plate 2133
H Ch. Rem. Kline Int.

5.0	13.2	a		8
5.2	15.2	a		1
6.8	6.0	a		3
6.9	10.0	a		1
6.5	13.8	H		1
6.8	15.7	F	3673	K=H 1
7.0	20.3	a		2
7.4	7.1	E		K=H 2
8.7	8.9	a		1
8.2	11.3	a		1
8.1	18.0	a		5
8.9	19.3	a		2
8.7	21.5	F	3674	K=H 1
8.9	22.0	a		1
9.9	9.7	E		K=H 1
9.7	10.6	H		K=H 1
9.6	12.4	a		3
9.4	16.5	F	3675	K=H 2
10.7	8.9	F	3676	K=H 1
10.3	9.0	F	3677	K=H 1
10.3	11.3	F	3678	K=H
10.9	11.1	E		K=H 1
10.1	11.6	a		3
10.1	16.4	E		K=H 1
11.0	18.1	F	3679	K=H 1
10.5	19.5	F	3680	K=H 1
10.1	20.2	a		3
11.5	12.5	a		1

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R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
5h 28.1m	+26°8	+26 870	5 28.1	+26 50	6.7
5 23.3	+26.8	+26 835	5 23.4	+26 52	7.3
5 44.2	+27.6	+27 899	5 44.2	+27 34	5.5
5 35.2	+27.6	+27 849	5 35.2	+27 40	7.8
5 26.9	+27.6	+27 806	5 26.8	+27 34	7.1
5 22.2	+27.7	+27 783	5 22.3	+27 39	7.3
5 11.9	+27.8	+27 758	5 11.9	+27 48	6.5
5 42.0	+27.9	+27 888	5 41.8	+27 55	6.5
5 38.1	+28.5	+28 887	5 38.1	+28 34	8.1
5 32.6	+28.4	+28 849	5 32.5	+28 23	8.0
5 17.1	+28.4	+28 795	5 17.1	+28 29	2.0
5 14.3	+28.8	+28 788	5 14.2	+28 48	7.0
5 9.1	+28.6	+28 773	5 9.1	+28 38	7.3
5 8.1	+28.7	+28 772	5 8.1	+28 46	6.5
5 36.3	+29.2	+29 983	5 36.3	+29 14	7.5
5 34.1	+29.1	+29 970	5 34.2	+29 8	7.0
5 30.0	+29.1	+29 947	5 30.1	+29 8	6.2
5 20.5	+29.1	+29 909	5 20.5	+29 4	7.0
5 38.2	+29.6	+29 997	5 38.2	+29 36	7.0
5 38.0	+29.4	+29 994	5 37.9	+29 22	8.0
5 35.0	+29.5	+29 974	5 34.8	+29 26	8.2
5 33.2	+29.8	+29 964	5 33.2	+29 46	7.7
5 32.1	+29.4	+29 953	5 32.1	+29 24	7.0
		+29 954	5 32.1	+29 25	7.5
5 21.0	+29.4	+29 911	5 20.9	+29 26	7.5
5 17.0	+29.8	+29 893	5 17.0	+29 51	8.0
5 14.0	+29.6	+29 876	5 13.8	+29 34	7.5
5 12.8	+29.4	+29 869	5 12.0	+29 25	6.0
5 30.0	+30.1	+30 966	5 30.0	+30 4	8.1

*BD. +26°869 superseded by BD. +26°870 + BD. +29°759 superseded by BD. +27°758.

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October 2, 1893

Plate 2133

R. A. H. Cl. Rem. Klinetank.

12.0	12.8	a		K=0.5 H	3	5
11.4	17.7	a		K	3	5
12.0	22.5	F	3681	K=H	1	5
11.9	23.3	F	3682	K=H	1	5
12.5	23.1	a		K	1	5
13.4	7.2	QF	3683	K=H	1	5
13.8	9.9	G3H		K=H	2	5
13.5	11.7	a		K	2	5
13.8	12.0	a		K	3	5
13.6	16.3	a		K	1	5
13.2	16.7	a		K	4	5
13.8	23.0	C		K=H	2	5
14.9	5.9	a		K=H	2	5
14.9	8.1	a		K	1	5
14.6	9.2	a		K	1	5
14.9	12.0	H		K	1	5
14.7	15.2	a		K	2	5
14.6	16.3	a		K	1	5
15.6	7.5	H		K	1	5
15.5	15.1	a		K	2	5
15.3	15.3	YB	3684	K	4	5
15.3	16.8	F	3685	K=H	2	5
16.9	12.0	F	3686	K=H	2	5
16.5	14.4	F	3687	K=H	1	5
15.0 ?	16.5	~~15.0~~	H	K	1	5
	16.5	15.1	a	K	3	5
	16.5	20.7	F	3688	K=H	1	5
	16.3	22.3	a		K=H	4	5

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R.A. 1855	Dec.	BD. No.	R.A. 1833.	Dec. 1833.	Magn.
5h 29.3m	+30.4°	+30° 963	5h 29.3m	+30° 24	6.0
5 18.0	+30.0	+30 898	5 17.9	+30 4	6.2
5 6.7	+30.3	+30 838	5 6.6	+30 19	8.0
5 5.0	+30.2	+30 827	5 5.0	+30 14	7.5
5 5.4	+30.5	+30 829	5 5.3	+30 30	7.9
5 42.5	+30.9	+30 1033	5 42.4	+30 55	7.4
5 36.1	+31.2	+31 1080	5 36.1	+31 15	6.7
5 31.9	+31.1	+31 1056	5 32.0	+31 6	8.1
5 31.0	+31.2	+31 1048	5 31.2	+31 16	6.4
5 21.1	+31.1	+31 991	5 21.1	+31 10	7.8
* 5 15.2	+31.0	+31 955	5 15.3	+31 0	6.4
5 5.3	+31.2	+31 895	5 5.3	+31 14	6.8
5 45.6	+31.6	+31 1139	5 45.6	+31 40	6.2
5 40.5	+31.7	+31 1111	5 40.5	+31 44	7.0
5 38.0	+31.6	+31 1091	5 37.8	+31 36	7.5
5 31.2	+31.8	+31 1049	5 31.3	+31 50	6.6
5 23.6	+31.8	+31 1003	5 23.6	+31 46	7.0
5 21.0	+31.7	+31 989	5 20.9	+31 41	7.7
5 42.0	+32.1	+32 1109	5 42.0	+32 5	6.6
5 23.9	+32.2	+32 1027	5 23.8	+32 11	7.5
5 23.1	+32.1	+32 1024	5 23.3	+32 5	4.8
5 19.8	+32.1	+32 1003	5 19.9	+32 5	7.4
5 31.4	+32.8	+32 1068	5 31.5	+32 49	7.0
5 25.8	+32.6	+32 1037	5 25.8	+32 38	8.7
5 24.0	+32.7	+32 1128	5 24.0	+32 42	6.7
5 24.0	+32.7	+32 1028	5 24.0	+32 42	6.7
5 10.6	+32.4	+32 945	5 10.6	+32 38	7.4
		946	5 10.6	+32 37	9.3
5 6.0	+32.5	+32 922	0 6.0	+32 31	5.5

*BD +36° 953, 954 interchanged in BD. +31° 955.

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October 2, 1893

Plate 2133

D. H. el. Rev. K line Int.

17.4	10.6	a		N 1
17.8	11.2	F	3689	K=H 2
18.0	13.4	H		K=H 2
17.8	15.0	a		N 1
17.6	16.6	F	3690	K=H 1
17.4	17.8	L		K=H 2
17.6	21.5	K		K=H 4
17.4	21.8	a		N 2
17.7	21.9	a		N 2
18.4	10.3	F	3691	K=H 2
18.9	11.9	E		K=H 1
18.5	17.4	F	3692	K=H 2
18.9	17.5	E		K=H 1
18.8	20.7	a		K=1.8H 4
16.9	21.0	a		K=0.5H 2
18.4	21.1	a		N 4
18.4	21.4	a		N 3
19.2	7.2	H		N 1
19.8	9.6	a		N 2
19.8	17.5	K		K=H 3
19.6	17.9	a		N 3
19.3	18.4	F	3693	K=H 2
19.6	22.2	a		N 3
20.4	15.1	a		N 3
20.3	17.2	G		K=H 2
20.6	18.6	G 2d		K=H 2
20.7	21.0	a		N 2
21.5	9.3	F	3694	K=H 1

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1893phae.proj...883F

R.A. 1855	Dec.	BD. No.	R.A. 1883	Dec. 1883	Magn.
5h 34.8m	+33.0	+33° 1134	5h 34.7m	+33° 2'	7.7
5 33.3	+33.2	+33 1127	5 33.4	+33 14	7.1
5 28.1	+33.5	+33 1102	5 28.2	+33 28	6.8
5 24.4	+33.3	+33 1083	5 24.4	+33 18	8.3
5 20.2	+33.2	+33 1065	5 20.2	+33 13	7.7
5 17.3	+33.1	+33 1045	5 17.3	+33 8	6.5
5 8.8	+33.2	+33 1000	5 8.7	+33 13	5.1
5 8.0	+33.0	+33 994	5 8.0	+33 2	8.0
5 7.5	+33.1	+33 991	5 7.6	+33 10	7.6
5 35.4	+33.5	+33 1139	5 35.5	+33 33	7.0
5 31.7	+33.8	+33 1120	5 31.7	+33 50	7.9
5 18.5	+33.6	+33 1053	5 18.4	+33 38	6.8
		1055	5 18.6	+33 39	9.2
5 18.4	+33.8	+33 1049	5 18.2	+33 49	7.1
5 10.4	+33.8	+33 1013	5 10.5	+33 48	5.9
5 10.0	+33.8	+33 1010	5 9.8	+33 50	7.2
5 9.8	+33.6	+33 1008	5 9.5	+33 35	6.2
5 9.0	+33.6	+33 1002	5 8.8	+33 36	6.5
5 43.1	+33.9	+33 1079	5 43.1	+33 52	6.5
5 37.3	+34.3	+34 1172	5 37.4	+34 15	7.7
5 18.0	+34.4	+34 1048	5 18.0	+34 21	6.0
5 17.2	+34.3	+34 1040	5 17.2	+34 15	6.6
5 15.9	+34.0	+34 1036	5 15.9	+34 3	7.3
5 6.9	+34.1	+34 980	5 6.7	+34 9	6.7
5 24.0	+34.6	+34 1083	5 24.0	+34 37	6.9
5 18.9	+34.5	+34 1057	5 18.8	+34 34	6.7
5 15.6	+34.7	+34 1030	5 15.6	+34 43	8.5
		1031	5 15.6	+34 42	7.0
5 9.7	+34.7	+34 994	5 9.6	+34 44	7.8
5 38.3	+35.1	+35 1239	5 38.2	+35 6	6.5

*BD +34° 1047 1046 evidently = BD +34° 1048 + BD +35°

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1893phae.proj..883F

October 2. 1893

Plate 2133

K. H Cl. Prism. Hdine Smt.

21.2	16.7	H	N 1	
21.8	17.9	H	N 1	
22.4	11.8	a	N. 2	
22.4	23.4	a	N. 1	
23.1	22.1	a	N. 1	
23.3	18.8	H	N 1	
23.6	15.5	a	N 1	

h m o
RA 6.2 +31.7

Plate 2125

5.0	9.7	a	N 1	
4.5	14.4	a	N 1	
5.0	14.5	a	N 1	
4.4	16.0	a	N 1	
4.9	16.3	a	N 2	
4.5	18.0	a	N 2	
5.6	6.8	F	3695 K=H 2	
5.9	9.3	a	N 2	
5.6	11.1	a	K=H 1	
6.0	11.6	H	K=H 1	
5.8	12.0	a	N 1	
5.8	14.5	a	N 1	
6.0	19.5	E	K=H 1	
6.3	10.6	a	N 1	
6.4	10.8	a	N 1	
6.4	14.0	F	3696 K=H 1	
6.4	16.0	E	K=H 1	
6.6	17.6	a	N 2	

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1893phae.proj.:883F

R.A.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
5h 20.7m	+34.9	+34 1064	5 20.1	+34 60	7.1
5 17.1	+35.4	+35 1102	5 17.2	+35 20	6.5
5 32.2	+35.6	+35 1207	5 32.2	+35 33	6.8
5 3.8	+35.5	+35 1012	5 3.8	+35 28	8.0
		+35 1018	5 3.9	+35 31	8.5
5 6.9	+35.9	+35 1028	5 6.8	+35 55	7.2
5 15.0	+36.0	+36 1122	5 15.0	+36 4	6.8
5 23.1	+36.2	+36 1174	5 23.1	+36 13	7.0
6 3.0	+26.5	+26 1127	6 3.0	+26 30	8.5
6 2.8	+26.7	+26 1122	6 2.6	+26 43	8.3
5 59.0	+26.4	+26 1088	5 58.9	+26 25	7.8
5 58.2	+26.7	+26 1082	5 58.3	+26 42	7.0
5 54.6	+26.5	+26 1046	5 54.5	+26 32	7.2
5h 6 19.9	+27.1	+27 1122	6 19.9	+27 3	7.0
6 14.4	+27.2	+27 1092	6 14.4	+27 11	7.8
6 9.2	+27.3	+27 1054	6 9.3	+27 15	7.1
6 8.4	+27.1	+27 1045			
6 2.8	+27.2	+27 1013	6 2.7	+27 10	8.2
5 57.0	+27.3	+27 943	5 57.0	+27 16	7.0
6 11.3	+27.4	+27 1069	6 11.3	+27 20	9.0
6 11.0	+27.5	+27 1066	6 11.0	+27 26	8.3
6 4.0	+27.5	+27 1019	6 3.9	+27 28	8.5
5 58.9	+27.4	+27 994	5 58.9	+27 27	8.2
5 55.0	+27.6	+27 966	5 54.9	+27 34	7.8

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October 2, 1893

Plate 2125

h H cl. Rev. Kline Int.

6.6	19.1	a	R 3	
6.6	20.0	a	R 2	
6.1	20.9	F 3696	K=H 1	
6.7	22.5	a	R 4	
7.8	8.7	a	R 1	
7.2	9.5	a	R 1	
7.6	11.8	a	R 2	
8.0	12.7	a	R 1	
7.2	16.2	a	R 1	
7.4	16.8	a	R 1	
7.9	18.8	a	R 1	
7.6	19.5	H	R 1	
8.0	20.6	a	R 1	
7.4	23.6	G	K=H 3	
8.7	5.5	a	R 1	
8.3	16.3	a	R 3	
8.9	19.5	a	R 1	
8.8	19.6	a	R 2	
8.4	10.9	a	K=0.5H 2	
9.0	14.6	a	R 1	
8.8	16.2	a	R 2	
8.4	23.2	a	K=H 1	
9.4	6.7	a	R 2	
9.9	12.0	a	R 2	
9.2	12.5	a	R 2	
9.5	13.9	F 3699	K=H 1	
9.3	14.8	a	R 2	
9.9	15.3	F 3698	K=H 1	

0h 48m

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R.A. 1855	Dec.	B.D. No.	R.A. 1855.	Dec. 1855.	Magn.
5h 51.9m	+27.6	+27° 945	5h 57.9m	+27° 34′	6.8
5 50.2	+27.5				
5 48.0	+27.3	+27 923	5 48.0	+27 17	7.7
5 44.2	+27.6	+27 899	5 44.2	+27 34	5.5
6 15.8	+28.1	+28 1109	6 15.9	+28 6	7.7
6 14.0	+27.8	+27 1090	6 14.0	+27 48	7.8
6 8.9	+28.1	+28 1071	6 8.9	+28 3	7.3
6 6.9	+28.3	+28 1058	6 6.9	+28 14	7.8
5 58.6	+27.9	+27 991	5 58.5	+27 53	8.5
5 57.1	+27.9	+27 975	5 57.1	+27 56	8.3
5 52.6	+28.3	+28			
5 50.9	+28.1	+28 966	5 50.9	+28 7	6.9
5 48.6	+28.3	+28 957	5 48.5	+28 16	8.4
5 42.0	+27.9	+27 888	5 41.8	+27 55	6.5
6 22.6	+28.5	+28 1142	6 22.5	+28 29	8.0
6 10.9	+28.5	+28 1078	6 10.8	+28 29	7.0
6 2.6	+28.8	+28 1038	6 2.5	+28 48	8.3
5 53.8	+28.7	+28 991	5 53.8	+28 40	7.9
5 42.8	+28.4	+28 919	5 42.6	+28 24	8.1
6 20.4	+28.9	+28 1133	6 20.5	+28 52	8.0
6 8.5	+29.3	+29 1165	6 8.5	+29 16	7.7
6 7.1	+28.9	+28 1062	6 7.2	+28 54	7.5
6 4.1	+29.1	+29 1147	6 4.0	+29 4	8.2
6 2.2	+28.9	+28 1036	6 2.0	+28 56	7.5
6 0.6	+29.3	+29 1128	6 0.5	+29 16	7.8

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November 5. 1893.

Plate 2125 Leon

h.	m.				
22	25	K. H cl. Rem.		K line Int.	
		9.4	17.0	E	K=H 2
		9.5	19.4	F 3699	K=H 1
		9.4	21.2	a	N 3
		9.7	22.4	a	N 1
		10.8	7.1	a	N 2
		10.6	8.0	a	N 1
		11.0	8.4	a	K=H 1
		11.0	9.1	a	N 3
		10.7	10.6	a	N 3
		10.4	10.7	F 3700	K=H 2
		10.8	12.4	F 3701	K=H 1
		10.5	13.2	G5K	K=H 4
		10.2	13.3	a	N 1
		10.5	14.6	E	K=H 1
		10.9	14.8	a	N 1
		10.5	15.1	a	N 1
		10.5	16.9	K	K=H 2
		10.6	17.8	a	N 1
		10.7	19.1	a	K=H 1
		10.8	20.4	a	N 2
		11.6	6.5	F 3702	K=H 1
		11.7	9.7	a	N 1
		11.6	10.0	a	N 1
		11.6	10.3	a	N 3
		11.2	11.8	a	N 3
		11.6	12.6	a	N 2
		11.8	12.8	a	N 3
		11.6	15.3	F 3703	K=H 1

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1892phae.proj.883F

R.A. 1855	Dec.	B.D. No.	R.A. 1855. m	Dec. 1855.		Magn.
5 56.8	+28.9	+28° 1008	5	56.9	+28° 56'	7.3
5 51.4	+28.9	+28 969	5	51.4	+28 60	7.4
5 47.4	+28.9	+28 952	5	47.3	+28 55	6.5
5 44.8	+28.9	+28 933	5	44.7	+28 55	8.6
6 20.1	+29.6	+29 1241	6	20.1	+29 34	8.0
6 ~~17.1~~ 18.0	~~+29.7~~ +29.4	+29 1226	6	18.0	+29 26	8.7
6 17.1	+29.7	+29 1221	6	17.1	+29 43	8.7
6 15.8	+29.8	+29 1213	6	15.6	+29 47	6.8
6 12.0	+29.6	+29 1190	6	11.9	+29 36	6.4
6 11.9	+29.5	+29 1189	6	11.8	+29 26	7.0
6 7.9	+29.6	+29 1163	6	7.8	+29 36	8.5
6 6.1	+29.5	+29 1154	6	6.1	+29 33	4.4
6 6.0	+29.3	+29 1153	6	6.0	+29 19	8.3
6 3.0	+29.5	+29 1140	6	2.8	+29 31	7.6
6 2.7	+29.7	+29 1138	6	2.5	+29 43	7.7
6 1.3	+29.4	+29 1133	6	1.3	+29 26	8.5
5 57.1	+29.5	+29 1112	5	57.1	+29 31	6.0
5 52.2	+29.6	+29 1075	5	52.2	+29 34	8.3
5 49.2	+29.6	+29 1058	5	49.2	+29 36	7.8
6 21.8	+29.9	+29 1258	6	21.5	+29 55	8.3
6 14.1	+30.1	+30 1216	6	14.1	+30 5	8.8
6 13.3	+29.9	+29 1200	6	13.5	+29 60	8.6
6 12.8	+30.0	+30 1211	6	12.8	+30 2	7.0
6 7.6	+30.0	+30 1177	6	7.6	+30 3	8.0
6 7.0	+30.1	+30 1172	6	7.1	+30 9	7.0
6 1.0	+30.0	+30 1132	6	0.9	+30 3	8.5

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1893phae.proj..883F

November 5-93

Plate 2125

K. H ch. Rüm. Kline Int.

11.3	15.9	F	3704	K=H 1
12.0	17.7	a		N 2
11.6	19.8	a		N 1
11.5	20.2	a		K=0.3H 3
11.1	21.2	a		N 1
11.5	21.7	F	3705	K=H 2
12.7	7.5	G		K=H 3
13.0	8.0	E		K=H 2
12.4	11.1	F	3706	K=H 1
12.6	13.0	a		K=H 1
12.9	15.0	a		K=H 1
12.6	15.8	a		N 1
13.0	17.0	a		K=H 1
13.0	21.6	E		K=H 1
12.6	22.2	a		N 2
13.6	10.2	F	3707	K=H 1
13.2	13.1	a		K=H 1
13.5	13.5	a		N 1
13.1	14.5	a		K=H 2
13.9	14.8	a		N 2
14.0	15.8	a		K=0.2H 2
13.9	16.1	E		K=H 1
13.5	19.2	a		N 3
13.6	23.3	a		N 2
14.9	13.5	a		N 1
14.3	17.0	H		N 1
14.8	17.2	a		K=H 1
14.8	18.0	F	3708	K=H 1

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1993phae.proj..883F

R.A. 1855	Dec.	BD. No.	Q.	R.A. 1855.	Dec. 1855.	Magn.
h m.				h m.		
5 59.5	+29.8	+29° 1123	5	59.5	+29° 52′	8.6
5 55.2	+30.2	+30 1098	5	55.3	+30 14	8.2
5 50.2	+29.9	+29 1066	5	50.3	+29 59	8.5
5 49.8	+29.9	+29 1062	5	49.7	+29 58	6.8
5 47.4	+29.7	+29 1045	5	47.3	+29 43	8.5
5 46.0	+29.9	+29 1037	5	46.1	+29 56	7.2
6 19.2	+30.6	+30 1038	6	19.2	+30 35	6.0
6 18.4	+30.7	+30 1032	6	18.3	+30 44	7.1
6 10.9	+30.4	+30 1196	6	10.9	+30 26	7.8
6 6.6	+30.6	+30 1168	6	6.6	+30 33	8.7
6 2.1	+30.7	+30 1141	6	2.0	+30 42	8.0
		+30 1142	6	2.0	+30 43	8.3
5 59.8	+30.5	+30 1126	5	59.8	+30 32	8.5
5 56.9	+30.7	+30 1110	5	57.0	+30 47	8.4
5 46.2	+30.6	+30 1055	5	46.3	+30 40	8.3
5 44.9	+30.4	+30 1045	5	44.9	+30 27	7.8
6 13.0	+31.0	+31 1278	6	13.1	+31 1	7.8
6 6.6	+30.8	+30 1167	6	6.5	+30 50	8.5
6 5.4	+30.9	+30 1161	6	5.4	+30 59	8.6
6 3.4	+30.8	+30 1151	6	3.2	+30 49	7.7
6 2.3	+31.2	+31 1223	6	2.3	+31 12	7.9
5 59.6	+31.3	+31 1207	5	59.7	+31 17	7.2
5 59.0	+31.2	+31 1203	5	59.0	+31 13	8.0
5 51.8	+31.0	+31 1164	5	51.8	+31 1	6.5
5 42.6	+30.9	+30 1033	5	42.4	+30 55	7.4
6 5.3	+31.7	+31 1239	6	5.4	+31 42	8.6
5 56.3	+31.6	+31 1192	5	56.5	+31 40	8.8
5 57.0	+31.4	+31 1195	5	57.0	+31 25	8.0
5 54.6	+31.7	+31 1181	5	54.6	+31 38	8.7

*BD +31° 1186 entered as BD +31° 1149

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1893phae.proj..883F

November 5th 93

Plate 2125

R. H. ch Rem. Klinc Int.

14.3	18.2	F	3709	K=H 2
14.9	21.8	a		K=0.2H 4
15.2	13.2	a		N 1
15.6	16.2	a		N 2
15.9	16.7	a		K=H 1
15.4	17.0	a		N 2
15.3	17.2	H		N 1
15.9	17.6	a		N 1
15.4	19.3	a		N 2
15.4	19.5	E		K=H 2
15.8	23.3	H		K=H 2
16.0	23.6	a		N 1
15.2	24.0	a		N 3
16.7	6.1	a		N 3
16.2	6.4	a		N 2
16.8	8.2	I		K=H 2
16.7	8.9	a		N 1
16.2	9.2	H		K=H 1
16.5	12.3	F	3710	K=H 2
16.1	12.4	F	3711	K=H 2
16.8	14.7	I		K=H 3
16.7	18.4	F	3712	K=H 3
16.6	18.6	F	3713	K=H 2
16.8	19.1	E		K=H 1
16.9	20.8	a		N 1
17.9	5.7	a		N 3
17.5	6.1	a		K=H 1
17.1	10.7	a		N 1

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1993phac.proj..883F

R.A. 1855	Dec.	BD No.	R.A. 1855	Dec. 1855	Magn.
5h 54.1m	+37.4	+31° 1175	5h 54.0m	+31° 23′	7.4
5 45.4	+31.7	+31 1139	5 45.6	+31 40	6.2
6 6.2	+31.9	+31 1246	6 6.3	+31 53	8.5
6 1.2	+32.0	+32 1208	6 1.2	+32 4	7.4
5 58.0	+32.3	+32 1190	5 57.7	+32 13	8.4
5 56.9	+32.0	+32 1184	5 56.8	+32 0	7.0
5 56.4	+31.9	+31 1193	5 56.5	+31 58	7.9
5 55.4	+32.2	+32 1178	5 55.4	+32 11	8.8
5 51.4	+31.9	+31 1162	5 51.4	+31 57	7.7
5 50.9	+31.9	+31 1158	5 50.9	+31 56	6.8
5 42.0	+32.1	+32 1109	5 42.0	+32 5	6.6
5 41.7	+32.2	+32 1107	5 41.5	+32 9	8.4
5 40.5	+31.7	+31 1111	5 40.5	+31 44	7.0
6 23.0	+32.5	+32 1324	6 23.0	+32 33	5.8
6 22.2	+32.3	+32 1320	6 22.2	+32 15	6.8
6 18.2	+32.7	+32 1300	6 18.1	+32 39	6.5
6 16.7	+32.5	+32 1292	6 16.5	+32 33	8.7
6 15.8	+32.5	+32 1287	6 15.8	+32 21	7.5
6 8.5	+32.6	+32 1246	6 8.4	+32 33	8.0
6 8.0	+32.3	+32 1243	6 8.0	+32 19	8.0
6 3.0	+32.7	+32 1217	6 2.8	+32 43	6.0
5 53.8	+32.7				
		+32 1166	5 53.4	+32 38	6.5
5 53.2	+32.6	+32 1165	5 53.1	+32 35	7.1
5 51.9	+32.7	+32 1158	5 51.9	+32 37	7.2
5 47.9	+32.7	+32 1136	5 47.8	+32 40	8.0
6 24.2	+33.1	+33 1366	6 24.2	+33 8	6.5
6 22.9	+32.9	+32 1323	6 23.0	+32 55	8.8
6 12.0	+32.7	+32 1265	6 12.1	+32 48	8.5

* BD +32° 1166 entered in BD +31° 1111

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1893phae.proj..883F

Nov. 5, 1893

Plate 2125.

R. H Cl. Rem. K line Int.

17.4	13.0	a		K	2
17.9	13.1	a		K=0.5 H	2
17.9	14.0	H.		K=H	2
17.8	14.2	F	3714	K=H	1
17.4	14.5	a		K	2
17.7	15.5	a		K	1
17.7	19.6	a		K	3
17.1	19.8	a		K	1
18.0	20.7	b	~~3715~~	K=H	1
18.0	21.2	B		K=H	1
18.8	14.1	H		K	1
18.6	17.3	a		K	4
19.0	17.4	a		K	1
18.7	17.8	a		K	1
19.7	8.8	H		K	1
19.1	11.8	F	3715	K=H	2
19.3	13.1	a		K=H	1
19.2	13.5	a		K	1
19.3	15.0	a		K	1
20.0	15.2	a		K	2
19.8	16.3	a		K	2
19.8	20.7	a		K	1
19.3	22.7	S		K=H	2
20.7	8.0	a		K	2
20.5	9.6	a		K	1
20.8	10.7	F	3716	K=H	1
20.8	11.7	a		K	2
20.9	13.3	a		K=H	1

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1893phae.proj.:883F

R.A. 1855. h m s	Dec	BD No.	R.A. 1855.	Dec. 1855.	Magn.
6 6.9	+32.9	+32 1234	6 6.7	+32 57	8.0
6 6.7	+33.3	+33 1286	6 6.5	+33 14	7.5
6 4.6	+33.3	+33 1280	6 4.5	+33 16	6.7
6 3.8	+33.2	+33 1275	6 3.8	+33 12	8.6
6 5.2	+33.0	+			
6 0.2	+33.2	+			
5 50.8	+33.1	+33 1209	5 50.7	+33 7	6.9
5 50.1	+32.5	+32 1148	5 50.1	+32 47	8.0
5 48.1	+33.2	+33 1199	5 48.1	+33 14	7.2
5 46.9	+33.2	+33 1193	5 46.9	+33 11	8.0
6 4.2	+33.7	+33 1279	6 4.2	+33 40	7.5
5 56.8	+33.7	+33 1236	5 56.0	+33 36	6.3
5 54.9	+33.6	+33 1230	5 54.9	+33 38	8.9
5 55.0	+33.7	+33			
6 17.0	+34.1	+34 1343	6 16.9	+34 5	7.5
6 9.5	+33.9	+33 1297	6 9.5	+33 51	7.8
6 6.6	+33.9	+33 1287	6 6.5	+33 58	8.1
6 5.7	+33.9	+33 1282	6 5.6	+33 52	8.5
6 2.0	+33.9	+33 1270	6 1.9	+33 56	8.6
6 1.2	+34.3	+34 1283	6 1.1	+34 16	7.8
5 58.4	+34.1	+34 1265	5 58.3	+34 11	7.7
5 47.8	+34.1	+34 1268	5 47.8	+34 8	9.0
5 43.1	+33.9	+33 1179	5 43.1	+33 52	6.5
6 19.0	+34.6	+34 1355	6 18.8	+34 34	7.5
6 15.0	+34.4	+34 1336	6 15.0	+34 28	8.6
6 12.3	+34.7	+34 1327	6 12.4	+34 40	7.2
6 9.9	+34.7	+34 1319	6 9.9	+34 42	7.8
6 6.1	+34.7	+34 1304	6 6.0	+34 43	8.4

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1893phae.proj..003F

Nov. 5 1893

Plate 2125

R. H. d. Rev. Klinkerfues

20.5	19.5	G	K=H 2	5
21.4	8.0	a	N 3	6
21.9	12.0	G5H	K=H 2	6
21.8	12.6	F 3717	K=H 3	6
21.7	16.1	a	K=H 2	5
21.1	16.7	a	N 1	5
21.9	16.7	G	K=H 1	5
21.8	18.1	a	K=H 1	5
21.9	19.0	a	N 1	5
22.0	19.2	a	K=H 1	5
22.5	8.7	a	K=H 1	6
22.6	9.7	a	N 1	6
22.6	10.3	a	N 2	6
22.5	14.9	a	N 1	6
22.2	17.1	F5G 3718	K=H 3	5
23.8	23.4	F 3719	K=H 3	6
23.8	14.8	a	N 1	6
23.6	16.4	G	K=H 1	5
24.0	16.6	a	N 3	5
23.6	19.7	a	N 2	5
24.5	19.0	a	N 2	5

RA 6h 42m +81.6

Plate 2140

4.2	11.1	a	N 2	6
4.4	11.5	F 3720	K=H 2	6
5.3	13.5	a	K=0.5 H 1	6
6.2	5.9	a	N 3	6

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1893phae.proj..883P

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855		Magn
5h 50.8m	+34.9°	+34 1231	5	50.8	+34 2	
6 19.0	+34.9	+34 1356	6	19.0	+34 57	7.0
6 9.1	+35.3	+35 1380	6	9.2	+35 15	7.0
6 7.9	+35.2	+35 1375	6	7.8	+35 11	6.5
5 58.9	+35.1	+35 1345	5	58.8	+35 8	8.0
5 57.7	+34.8	+34 1260	5	57.6	+34 50	8.2
5 57.4	+35.3	+35 1339	5	57.4	+35 14	7.7
5 54.0	+35.1	+35 1324	5	54.0	+35 8	8.4
5 51.7	+35.2	+35 1311	5	51.8	+35 12	8.7
5 51.2	+35.3	+35 1308	5	51.4	+35 14	8.3
6 17.3	+35.5	+35 1408	6	17.3	+35 31	7.9
6 14.9	+35.3	+35 1397	6	15.0	+35 19	7.5
6 13.6	+35.6	+35 1392	6	13.5	+35 36	7.0
6 2.4	+35.5	+35 1356	6	2.2	+35 32	8.5
5 56.3	+35.4	+35 1334	5	56.4	+35 24	6.1
6 6.0	+36.2	+36 1388	6	5.9	+36 12	6.6
6 2.8	+36.1	+36 1380	6	2.5	+36 10	8.5
5 58.1	+36.1	+36 1364	5	58.1	+36 5	7.4
5 57.8	+36.4	+36 1360				
5 50.0	+36.0	+36 1324	5	50.0	+36 2	8.0
5 51.8	+36.5	+36 1332	5	51.8	+36 30	7.8
6 50.7	+26.1	+26 1411	6	50.5	+26 6	6.5
6 49.9	+26.2	+26 1405	6	49.8	+26 16	6.2
6 45.6	+26.7	+26 1387	6	45.5	+26 43	7.5
7 2.3	+27.1	+27 1327	7	2.4	+27 7	5.7

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1893phae.proj.0003F

November 5, 1893

Plate 2140

K. H cl. Rem. Kline Int.

6.7	12.8	a		N 2
6.6	12.9	a		N 1
6.4	15.7	a		K=0.3H 3
7.0	17.9	a		N 1
6.7	21.4	E		K=H 1
7.0	10.4	a		N 1
7.4	17.3	G5H		K=H 2
7.7	20.3	a		N 2
8.0	21.9	a		N 4
8.6	7.8	a		N 3
8.7	8.4	a		N 1
8.4	19.1	E		K=H 2
8.5	20.0	a		N 3
8.6	21.7	a		N 1
8.3	22.8	a		K=H 1
8.9	23.5	a		N 1
8.6	24.0	a		N 2
9.9	17.7	I		K=H 3
10.0	19.1	a		N 1
9.9	20.4	a		N 4
10.8	9.7	F7	G 3721	K=H 3
10.9	14.4	F	3722	K=H 1
10.3	15.0	F	3723	K=H 1
11.0	15.4	a		N 1
10.6	17.2	a		K=H 1
10.7	18.6	a		N 2
11.3	8.8	a		K=H 1
11.7	9.0	a		K=H 1

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1893phae.proj..883P

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.	
6 47.0	+27 5.5	+27 1270	6 46.9	+27 28	7.5	
6 47.0	+27.5	+27 1269	6 46.7	+27 26	8.2	
6 40.1	+27.4	+27 1236	6 40.1	+27 21	7.2	v. pl.
6 35.1	+27.6	+27 1212	6 35.1	+27 37	8.2	
6 27.2	+27.4	+27 1164	6 27.4	+27 24	6.8	
6 52.5	+27.6	+27 1301	6 52.4	+27 35	8.2	
6 36.5	+27.8	+27 1219	6 36.5	+27 49	7.2	
6 29.9	+27.9	+27 1182	6 29.8	+27 55	7.4	
6 26.1	+28.1	+28 1168	6 26.1	+28 8	5.1	
6 58.3	+28.4	+28 1314	6 58.3	+28 25	6.8	
6 57.1	+28.4	+28 1310	6 57.1	+28 25	7.8	
6 32.2	+28.3	+28 1207	6 32.2	+28 20	6.5	
6 30.5	+28.4	+28 1196	6 30.4	+28 23	6.0	
6 26.7	+28.4	+28 1173	6 26.5	+28 22	8.0	
6 23.9	+28.2	+28 1154	6 24.0	+28 11	7.6	
6 22.6	+28.5	+28 1142	6 22.5	+28 29	8.0	
6 21.1	+28.3	+28 1138	6 21.2	+28 18	6.8	
		1139	6 21.3	+28 18	9.5	
6 35.6	+29.1	+29 1327	6 35.6	+29 7	6.0	
6 32.2	+29.1	+29 1309	6 32.2	+29 6	8.3	
6 29.1	+29.1	+29 1293	6 29.2	+29 6	6.2	
6 54.2	+29.6	+29 1441	6 54.3	+29 36	6.3	
6 43.4	+29.6	+29 1382	6 43.5	+29 37	7.7	
6 42.1	+29.3	+29 1374	6 42.1	+29 18	8.2	
6 40.8	+29.7	+29 1361	6 40.8	+29 43	8.6	
6 36.8	+29.5	+29 1336	6 36.5	+29 28	8.3	
6 33.5	+29.5	+29 1320	6 33.3	+29 30	7.8	
6 56.2	+29.2	+29 1454	6 56.4	+29 44	8.3	
6 56.0	+29.9	+29 1451	6 56.0	+29 56	8.5	

* +29° 1374 entered on BD. +29° 1374.

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1893phae.proj.003F

Plate 2140

K H d. Rem. Kline Init

11.7	13.5	d	N 2	
11.4	19.2	H	K=H 1	
11.5	20.1	d	N 1	
12.8	6.5	K	K=H 4	
12.9	9.2	H	N 1	
13.0	14.1	d	N 1	
13.0	17.8	d	N 1	
12.4	19.4	d	N 1	
12.4	19.7	d	N 1	
12.6	20.0	d	N 2	
12.8	22.8	d	N 1	
13.3	6.3	F	3724 K=H 2	
13.1	6.8	d	N 1	
14.0	16.3	d	N 2	
13.6	17.5	d	K=0.2H 2	
13.7	20.6	d	N 2	
13.8	21.1	d	N 1	
13.9	22.1	d	N 1	
14.9	8.9	H	N 1	
14.7	18.2	d	N 1	
14.7	21.2	d	K=H 1	
14.9	21.5	H	N 1	
14.8	21.9	H	K=H 1	
15.1	6.4	d	K=H 1	
15.9	10.1	d	K=H 1	
15.6	15.2	d	N 1	
15.4	16.4	F	3725 K=H 1	
15.9	17.8	F	3726 K=H 1	

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1893phae.proj...883P

R.A. 1855. h m	Dec. °	BD. No.	R.A. 1855. h m	Dec. 1855. ° '	Magn.
6 45.7	+30.0	+30° 1357	6 45.5	+30 0	7.8
6 32.0	+29.8	+29 1307	6 32.1	+29 51	7.2
6 30.0	+29.9	+29 1297	6 29.9	+29 52	7.8
7 2.0	+30.5	+30 1439	7 1.9	+30 29	4.7
6 55.8	+30.6	+30 1413	6 55.7	+30 34	7.3
6 44.1	+30.7	+30 1354	6 44.2	+30 38	8.3
6 35.2	+30.7	+30 1314	6 35.3	+30 37	8.2
6 31.6	+30.4	+30 1300	6 31.6	+30 20	8.0
		+30 1297	6 31.0	+30 16	8.2
6 30.0	+30.4	+30 1290	6 30.3	+30 26	8.0
6 30.3	+30.5				
6 23.8	+30.4	+30 1256	6 23.8	+30 25	8.0
*7 2.2	+30.7	+30 1442	7 2.2	+30 42	7.8
7 1.2	+30.6	+30 1436	7 1.2	+30 35	8.1
6 38.7	+31.2	+31 1414	6 38.6	+31 11	7.8
6 35.9	+30.9	+30 1318	6 35.8	+30 59	7.0
6 28.9	+31.0	+31 1363	6 28.7	+31 0	7.0
6 27.7	+31.0	+31 1356	6 27.6	+31 2	8.1
6 25.1	+31.1	+31 1338	6 25.2	+31 4	8.4
6 56.4	+31.6	+31 1487	6 56.5	+31 38	6.7
6 34.3	+31.5	+31 1392	6 34.2	+31 30	7.8
6 27.1	+31.5	+31 1354	6 27.2	+31 28	7.8
6 26.8	+31.6	+31 1351	6 26.6	+31 35	6.5
6 25.9	+31.5	+31 1345	6 25.9	+31 30	8.6
7 2.3	+31.6	+31 1505	7 2.3	+31 36	8.2
6 52.6	+32.1	+31 32 1461	6 52.6	+31 32 8	8.3
6 41.2	+31.9	+31 1420	6 41.2	+31 59	8.7
6 38.6	+31.8	+31 1413	6 38.4	+31 51	7.3
6 35.1	+32.1	+32 1389	6 35.2	+32 7	8.0

*BD +30° 1444 unpublished = BD. +30° 1442

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1893phae.proj..883F

Nov. 5, 1893

Plate 2140

+ H Cl. Rev. Kline Smith

15.6	18.7	a		N 4
15.5	20.1	a		N 2
15.7	21.7	a		N !
16.2	5.9	a		N 2
16.8	10.9	a		K=H 3
16.6	12.7	F	3727	K=H 1
16.9	14.0	a		N 3
16.3	15.0	a		N 1
17.0	15.6	K		K=H 3
17.0	16.6	H		N 1
16.9	18.7	a		N 1
16.5	21.4	a		N 2
16.9	22.9	a		N 3
16.4	23.3	a		N 2
17.4	7.0	H		N 1
18.0	13.9	a		N 1
17.4	15.2	H		N 1
18.0	16.6	a		N 1
17.9	17.2	E		K=H N
17.8	18.0	F	3728	K=H 1
17.2	19.0	E		K=H 1
18.0	19.4	a		K=0.2H 2
18.0	20.2	a		K=H 2
17.2	21.4	a		N 1
17.1	21.6	a		N 2
18.0	22.4	a		N 3
17.6	23.5	Diac(?)		N 1
18.5	6.7	F	3729	K=H 2

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1893phae.proj...883F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
6	32.2 +31.9	+31° 1389	6h 33.2m	+31° 57'	8.2
6	30.0 +31.9	+31 1369	6	29.7 +31 53	5.1
6	26.0 +31.9	+31 1346	6	26.0 +31 56	8.6
7	3.8 +32.2	+32 1500	7	3.7 +32 12	6.8
6	51.9 +32.6	+32 1460	6	51.9 +32 35	6.8
6	47.6 +32.5	+32 1447	6	47.7 +32 27	8.3
6	44.7 +32.7	+32 1433	6	44.7 +32 41	7.0
6	42.0 +32.3	+32 1421	6	41.9 +32 19	7.8
*6	40.1 +32.8	+32 1414	6	40.2 +32 46	5.8
6	33.3 +32.7	+32 1378	6	33.3 +32 42	6.6
6	33.2 +32.6	+32 1377	6	33.2 +32 37	8.7
6	26.8 +32.4	+32 1343	6	26.5 +32 24	7.3
6	23.0 +32.5	+32 1324	6	23.0 +32 33	5.8
6	22.2 +32.3	+32 1320	6	22.2 +32 15	6.8
7	1.2 +32.9	+32 1491	7	1.3 +32 51	7.0
6	44.9 +33.2	+33 1428	6	44.8 +33 11	8.3
6	41.2 +32.9	+32 1418	6	41.3 +32 55	8.3
6	38.0 +33.3	+33 1410	6	38.0 +33 15	8.5
6	36.6 +33.2	+33 1401	6	36.5 +33 10	7.8
6	34.8 +33.1	+33 1494	6	34.6 +33 6	8.6
6	32.3 +32.8	+32 1372	6	32.3 +32 46	7.5
6	31.1 +33.1	+33 1383	6	31.3 +33 10	7.4
6	29.3 +33.1	+33 1377	6	29.4 +33 9	7.4
6	26.6 +32.7	+32 1344	6	26.6 +32 45	8.4
†6	26.1 +32.7	+32 1338	6	26.1 +32 41	7.8
6	24.2 +33.1	+33 1356	6	24.2 +33 8	6.5
6	21.4 +32.9	+32 1316	6	21.5 +32 54	8.1
7	2.0 +33.4	+33 1486	7	1.9 +33 21	7.3

* BD +32°1415 entered as BD. +32°1414. † BD +32° 1337 & 1339 entered on BD. +32°1338.

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1893phae.proj..883F

Nov. 3, 1893

Plate 2140

C. H Cl. Rem. Kline Int.

18.7	8.0	F	3730	K=H 2
18.5	15.0	a		R 1
18.7	21.2	E		K=H 1
20.0	7.9	H		R 1
19.8	8.1	H		K=H 2
19.7	8.7	F	3731	K=H 1
19.8	10.0	H		R 1
19.4	10.8	a		K=H 2
19.1	11.7	a		R 1
19.3	12.8	G		K=H 3
19.7	14.6	a		K=0.3H 5
19.5	14.8	a		R 1
19.1	22.2	a		R 1
20.1	8.5	H		K=H 2
21.0	9.1	G2		K=H 3
20.8	13.2	a		R 1
20.1	16.2	a		K=H 1
20.2	18.5	a		R 2
20.1	18.7	a		R 2
21.2	8.2	a		R 2
22.0	15.5	H		K=H 1
22.0	22.7	ma(?)		R 1
23.0	9.7	a		K=H 1
22.6	14.0	a		R 1
22.5	16.3	a		R 1
22.4	18.2	a		R 1
23.5	14.5	G		K=H 2
24.1	18.0	a		R 3

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1893phae.proj..883F

R.A. 1855.	Dec	BD. No.	R. A. 1855	Dec. 1855	Magn.
6h 58.9m	+33.5'	+33° 1479	6h 58.9m	+33° 30	8.0
6 42.2	+33.4	+33 1417	6 42.1	+33 27	8.2
6 27.1	+33.5	+33 1368	6 27.1	+33 30	7.9
6 59.2	+34.1	+34 1536	6 59.3	+34 10	7.0
6 58.9	+34.0	+34 1533	6 58.7	+34 2	6.6
6 57.1	+33.9	+33 1472	6 57.3	+33 58	8.0
6 54.2	+34.1	+34 1516	6 54.2	+34 6	7.5
6 52.1	+33.9	+33 1454	6 52.2	+33 53	7.5
6 50.0	+33.7	+33 1445	6 50.0	+33 45	8.6
6 47.5	+33.8	+33 1433	6 47.5	+33 53	6.3
6 43.1	+34.1	+34 1487	6 43.2	+34 8	3.2
6 42.8	+34.0	+34 1475	6 42.6	+34 2	8.9
6 24.6	+33.6	+33 1357	6 24.5	+33 38	8.2
6 ~~59.2~~ 57.9	+34.2	+34 1530	6 57.9	+34 13	6.0
6 56.6	+34.7	+34 1524	6 56.6	+34 42	6.0
6 46.9	+34.7	+34 1495	6 46.6	+34 38	8.2
6 39.0	+34.3	+34 1462	6 38.9	+34 16	7.9
6 33.4	+34.3	+34 1435	6 33.4	+34 15	7.9
6 33.0	+34.2	+34 1434	6 33.0	+34 14	7.8
6 58.9	+34.7	+34 1534	6 58.7	+34 43	8.0
6 40.5	+35.2	+35 1495	6 40.6	+35 13	6.9
6 23.0	+35.2	+35 1437	6 23.1	+35 10	6.8
6 55.1	+35.7	+35 1545	6 55.1	+35 45	8.1
6 44.8	+35.5	+35 1517	6 44.7	+35 29	8.5
6 38.7	+35.4	+35 1491	6 38.6	+35 24	8.0
6 34.1	+35.4	+35 1476	6 34.1	+35 22	8.0
6 43.4	+35.9	+35 1511	6 43.4	+35 57	6.5
6 34.6	+36.2	+36 1494	6 34.5	+36 14	6.7

*BD +35°1544 superseded by BD +35°1545.

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1893phae.proj..883F

November 5, 1893

Plate 2140

L. H. A. Rem. Kline Int.

23.8	19.0	F	3732	K=H	2
24.7	10.0	F	3733	K=H	2
24.8	15.5	a		K=H	1

R.A. 7h 18m +31.6°

Plate 2092

5.7	11.3	K		K=H	3
5.7	22.2	a		K=0.5H	3
8.0	7.2	G		K=H	6
7.7	14.1	Lo		K=H	3
8.0	14.3	a		K=0.3H	4
7.4	15.8	G3K		K=1.2H	4
7.1	16.3	F	3734	K=H	2
8.0	18.3	a		K=H	1
7.7	20.1	H		R	1
8.5	11.8	a		R	1
8.8	12.1	a		R	1
8.9	21.1	a		R	2
8.4	23.9	a		R	2
9.7	8.2	G		K=H	3
9.2	11.7	a		K=H	2
10.7	14.9	F	3735	K=H	1
10.4	20.1	a		K=H	1
11.3	18.0	a		K=H	2
12.3	8.8	H		R	1
12.8	22.0	F	3736	K=H	1
12.3	22.2	K		K=H	3
13.7	11.9	I		K=H	3

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855		Magn.
6h 31.9m	+36.1°	+36° 1482	6h 31.9m	+36	5	6.5
6 54.4	+36.5	+36 1555	6 54.3	+36	31	7.0
6 40.6	+36.6	+36 1511	6 40.5	+36	34	8.4
7 27.0	+27.2	+27 1424	7 27.0	+27	13	4.2
7 2.4	+27.1	+27 1327	7 2.4	+27	7	5.7
7 36.3	+28.4	+28 1463	7 36.4	+28	22	1.3
7 20.9	+28.2	+28 1400	7 20.8	+28	13	5.0
7 20.2	+28.4	+28 1396	7 20.3	+28	26	6.0
7 16.9	+28.0	+28 1385	7 16.7	+28	5	4.0
7 15.6	+27.9	+27 1374	7 15.5	+27	55	6.9
7 11.1	+28.4	+28 1367	7 11.3	+28	22	7.6
7 7.0	+28.1	+28 1350	7 6.9	+28	9	6.5
7 25.9	+28.5	+28 1418	7 25.9	+28	34	7.8
7 25.5	+28.7	+28 1415	7 25.4	+28	43	7.7
7 4.8	+28.7	+28 1342	7 4.7	+28	44	7.7
6 58.2	+28.4	+28 1314	6 58.3	+28	25	6.8
7 34.4	+29.2	+29 1590	7 34.2	+29	14	5.0
7 26.4	+28.9	+28 1419	7 26.3	+28	57	7.3
7 19.1	+28.7	+29 1535	7 19.1	+29	42	7.6
7 6.9	+29.5	+29 1489	7 6.9	+29	30	8.0
7 11.6	+29.9	+29 1511	7 11.7	+29	60	7.5
7 33.2	+30.5	+30 1549	7 33.2	+30	30	7.0
7 2.1	+30.7	+30 1442	7 2.2	+30	42	7.8
7 1.9	+30.5	+30 1439	7 1.9	+30	29	4.7
7 26.0	+31.3	+31 1620	7 25.9	+31	16	6.5

*BD +28° 1416 and the second star BD +28° 1415

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Plate 209 2
H. Ch. Rem. Kl. Inst.

13.7	19.2	a		N 3
15.9	10.0	F	3757	K=H 2
15.1	11.0	a		N 1
15.5	12.2	a		N 5
15.2	14.6	F	3758	K=H 4
15.5	15.7	a		K=0.3H 2
15.2	19.4	a		N 2
15.7	21.3	a		N 2
16.1	21.1	F	3739	K=H 1
18.0	12.4	a		K=H 1
17.5	16.8	a		N 1
17.9	19.5	B		K=H 1
18.6	5.4	a		K=H 1
18.9	6.9	H		K=H 1
18.3	10.7	H		N 1
18.2	17.3	a		N 1
19.0	18.3	a		N 2
19.9	9.0	F	3740	K=H 2
19.7	12.9	a		K=H 1
19.2	16.9	a		N 1
19.8	22.9	H		N 1
19.6	23.2	H		N 1
19.9	23.6	H		N 1
20.6	10.5	F	3741	K=H 3
20.7	24.0	B		K=H 1
21.7	10.7	b		K=H 2

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
7h 8.2m	+31.2°	+31 1529	7 8.8	+31 13	6.5
7 30.8	+32.3	+32 1599	7 30.6	+32 20	7.0
7 28.1	+31.9	+31 1633	7 28.3	+31 56	7.5
7 25.4	+32.1	+32 1581	7 25.3	+32 12	1.7
		1582	7 25.4	+32 10	8.6
7 19.8	+32.0	+32 1562	7 19.8	+32 4	5.0
7 16.9	+32.2	+32 1545	7 16.8	+32 11	7.2
7 8.1	+31.9	+31 1527	7 8.2	+31 57	6.7
7 3.8	+32.2	+32 1500	7 3.7	+32 12	6.8
7 4.1	+32.4	+32 1502	7 4.1	+32 22	7.0
7 25.0	+33.4	+33 1550	7 25.0	+33 26	7.5
7 16.4	+33.1	+33 1526	7 16.6	+33 9	7.5
7 7.8	+33.4	+33 1497	7 7.8	+33 21	7.0
7 41.9	+33.6	+33 1601	7 41.7	+33 36	6.5
7 38.0	+33.8	+33 1585	7 38.1	+33 46	5.3
7 28.9	+33.5	+33 1560	7 28.9	+33 30	7.0
7 13.0	+33.5	+33 1512	7 13.0	+33 29	8.1
7 10.6	+33.9	+33 1506	7 10.5	+33 52	7.2
7 33.1	+34.3	+34 1657	7 33.3	+34 20	6.5
7 23.8	+34.3	+34 1629	7 23.7	+34 14	7.5
7 14.0	+33.9	+34 (33) 1517	7 13.8	+33 59	8.1
6 59.3	+34.1	+34 1536	6 59.3	+34 10	7.0
6 58.9	+34.0	+34 1533	6 58.7	+34 2	6.6
6 57.9	+34.2	+34 1530	6 57.9	+34 13	6.0
7 29.8	+34.9	+34 1649	7 29.7	+34 55	5.0
6 56.5	+34.7	+34 1524	6 56.6	+34 42	6.0
7 29.0	+35.4	+35 1662	7 29.0	+35 23	5.8

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1893phae.proj...

RA h m 0 80 +31.7 November 6 1893

Plate 2229

K. H. C. Rem. Nr. Klinc Ast.

5.0	10.2	F	3742	K=H 2
4.7	17.1	a		R 2
5.1	10.6	a		K=0.2H 2
5.7	21.5	a		R 4
6.2	6.7	a		R 3
6.7	9.8	F	3740	K=H 3
6.5	12.4	a		K=H 1
7.0	14.8	E		K=1H 1
6.2	15.1	a		R 2
8.0	7.0	G:D		K=H 2
7.7	12.5	F	3744	K=H 1
7.1	16.1	a		R 3
7.6	17.0	G:D		K=H 3
7.5	20.3	a		R 1
8.9	20.7	F	3745	K=H 2
8.2	21.5	a		R 2
8.5	23.0	a		R 2
9.8	13.2	a		R 1
9.4	17.7	a		K=H 1
9.3	23.3	a		R 1
9.4	23.4	a		R 1
10.4	10.7	F	3746	K=H 1
10.2	14.5	E		K=H 2
10.3	16.6	F	3747	K=H 1
10.5	18.3	E		K=H 2
10.4	20.5	E		K=1H 1
10.4	22.3	E		K=H 1
11.3	5.9	a		R 1

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R.A. 1855. h m	Dec. °	BD. No.	R.A. 1855. h m	Dec. 1900. °	Magn.
8 10.1	+26.8	+26 1761 / 1762	8 10.2	+26 46	7.1
7 54.7	+26.7	+26 1707	7 54.5	+26 40	7.5
7 8 9.2	+26.9	+26 1760	8 9.4	+26 53	7.0
7 44.8	+27.1	+27 1498	7 44.6	+27 8	5.0
8 18.1	+27.3	+27 1612	8 18.0	+27 25	5.7
8 11.2	+27.7	+27 1589	8 11.3	+27 41	5.7
8 5.1	+27.5	+27 1563	8 5.2	+27 33	8.3
7 59.9	+27.9	+27 1544	7 8 0.0	+27 55	7.0
7 58.9	+27.4	+27 1541	7 58.9	+27 26	7.7
8 17.8	+28.3	+28 1602	8 17.6	+28 22	6.0
8 5.0	+28.2	+28 1570	8 5.0	+28 12	7.5
7 56.9	+27.9	+27 1536	7 56.8	+27 56	7.5
7 54.8	+28.2	+28 1532	7 54.6	+28 12	5.4
7 47.0	+28.0	+28 1502	7 47.0	+28 4	8.5
7 46.1	+28.8	+28 1510	7 46.2	+28 46	7.3
7 44.4	+28.4	+28 1497	7 44.4	+28 25	7.1
7 41.0	+28.5	+28 1482	7 41.0	+28 33	7.3
8 3.7	+29.2	+29 1712	8 3.7	+29 14	7.8
7 53.0	+29.0	+29 1668	7 52.9	+29 2	8.2
7 40.2	+28.8	+28 1476	7 40.2	+28 50	8.2
7 40.0	+28.9	+28 1474	7 40.0	+28 56	8.0
8 9.2	+29.5	+29 1730	8 9.3	+29 32	8.0
8 0.6	+29.5	+29 1696	8 0.6	+29 31	6.7
7 55.5	+29.5	+29 1682	7 55.4	+29 32	8.8
7 51.5	+29.6	+29 1664	7 51.5	+29 39	7.5
7 46.5	+29.5	+29 1645	7 46.4	+29 32	8.3
7 42.6	+29.5	+29 1624	7 42.4	+29 32	7.2
8 20.4	+29.9	+29 1759	8 20.4	+29 58	8.0

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Plate 2229

R. H Cl. Rev. Klinkerfues

11.3	13.0	a		N 3
11.2	13.2	a		N 1
11.7	20.1	H		N 1
11.8	20.4	a		N 1
12.0	21.8	a		N 1
12.5	8.5	a		K=H 1
12.8	11.3	F	3748	K=H 1
12.9	13.1	a		K=H 1
12.7	14.6	F	3749	K=H 1
13.0	19.4	a		N 1
13.2	14.7	F	3750	K=H 1
13.2	22.2	a		N 2
14.8	8.3	E		K=H 1
14.4	19.7	a		K=H 1
15.8	10.7	a		N 1
15.7	12.2	a		K=H 1
15.1	15.2	F	3751	K=H 1
15.1	18.7	a		N 1
15.4	20.0	F	3752	K=H 2
15.3	22.4	a		N 2
16.7	8.5	a		N 2
16.4	11.9	F	3753	K=H 1
16.9	13.7	E		K=H 2
16.4	14.6	F	3754	K=H 2
16.9	16.0	F	3755	K=H 1
16.3	17.7	a		N 2
16.6	20.7	E		K=H 2
17.6	6.0	a		N b^2

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R.A. 1855.	Dec	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
8h 4.1m	+30.1	+30° 1664	8h 4.2m	+30° 7	8.6
8 3.8	+29.9	+29 1713	8 3.7	+29 58	8.3
7 47.2	+30.2	+30 1612	7 47.2	+30 14	7.0
7 46.6	+30.2	+30 1609	7 46.6	+30 14	8.5
7 43.3	+30.3	+30 1589	7 43.4	+30 18	8.1
8 14.7	+30.6	+30 1702	8 14.5	+30 38	8.1
8 8.0	+30.8	+30 1680	8 8.0	+30 47	8.1
8 4.0	+30.9	+30 1661	8 3.9	+30 52	8.4
8 0.5	+30.8	+30 1651	8 0.4	+30 47	8.3
7 48.8	+30.9	+30 1620	7 48.8	+30 51	8.7
8 0.1	+30.9	+30 1650	8 0.1	+30 58	8.5
7 42.5	+30.9	+30 1583	7 42.4	+30 54	8.0
8 15.1	+31.7	+31 1806	8 15.1	+31 47	7.5
7 47.9	+31.5	+31 1700	7 47.9	+31 32	8.7
8 9.8	+32.3	+32 1711	8 9.5	+32 15	8.3
8 6.0	+32.3	+32 1700	8 6.0	+32 16	8.2
7 58.5	+31.9	+31 1735	7 58.5	+31 58	7.7
7 50.2	+31.9	+31 1706	7 50.3	+31 53	8.5
7 47.1	+32.0	+32 1648	7 47.3	+32 5	7.2
7 41.9	+31.9	+31 1686	7 41.8	+31 58	7.0
8 14.9	+32.8	+32 1725	8 14.8	+32 46	7.0
8 6.8	+32.6	+32 1704	8 6.7	+32 38	7.5
8 2.8	+32.9	+32 1695	8 2.6	+32 55	6.7
8 0.2	+32.6	+32 1690	8 0.3	+32 35	6.8
7 56.8	+32.8	+32 1677	7 56.7	+32 50	8.1
7 52.7	+32.5	+32 1666	7 52.6	+32 33	8.0
7 45.8	+32.6	+32 1644	7 45.7	+32 41	8.0
8 20.1	+33.1	+33 1703	8 20.1	+33 11	6.7

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Plate 2229

K. H. Ch. Rein Kilne Int.

18.0	16.7	a	K=0.2H	3
17.0	19.5	a	K=0.5H	2
17.8	23.5	H	K=H	1
18.7	10.8	a	N	2
18.7	14.5	E	K=H	1
18.5	15.4	F 3756	K=H	1
18.5	22.2	a	N	3
19.0	23.7	I	K=H	2
20.0	9.6	E	K=H	1
20.0	15.0	a	N	2
19.7	18.8	a	N	2
19.2	21.5	a	N	1
20.9	7.5	a	N	1
21.2	13.1	a	K=H	1
21.4	18.7	H	N	1
21.9	19.1	a	N	1
? 20.	21.3	~~21~~ 20. 6 F 3755.7	K=H	1
22.1	8.3	G 3 I	K=H	2
22.1	10.6	a	K=H	1
22.9	14.4	F 3758	K=H	2
22.8	17.7	I	K=H	2
22.8	20.2	a	N	3
22.1	23.8	a	N	2
23.6	10.1	a	N	2
23.5	11.3	F 3759	K=H	2
23.1	11.8	a	N	2
23.4	14.6	E	K=H	1
23.2	15.3	a	K=H	1

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R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
7^h 8^m 5.0	+33.4	+33° 1636	7^h 8^m 54.9	+33° 26'	6.8
7 48.2	+33.0	+33 1622	7 48.3	+33 3	7.3
7 39.0	+33.2	+33 1587	7 38.8	+33 12	7.3
8 9.4	+33.8	+33 1675	8 9.5	+33 47	7.4
8 0.5	+33.8	+33 1647	8 0.5	+33 48	7.5
7 58.0	+33.6	+33 1644	7 58.0	+33 40	7.8
7 41.9	+33.6	+33 1601	7 41.7	+33 36	6.5
7 38.1	+33.8	+33 1585	7 38.1	+33 46	5.3
8 12.4	+34.4	+34 1808	8 12.4	+34 23	7.3
7 59.0	+34.5	+34 1753	7 59.0	+34 28	7.2
7 50.0	+34.2	+34 1724	7 49.9	+34 17	7.5
7 43.4	+33.9	+33 1609	7 43.4	+33 56	8.4
8 17.8	+34.8	+34 1828	8 17.6	+34 46	7.8
8 4.0	+35.0	+35 1777	8 4.0	+35 3	8.4
7 50.0	+35.0	+35 1722	7 50.0	+35 5	7.0
7 48.9	+35.3	+35 1719	7 48.8	+35 19	9.5
		+35 1720	7 48.9	+35 19	8.0
7 45.2	+35.0	+35 1705	7 45.4	+34 59	7.9
8 15.9	+35.5	+35 1819	8 15.8	+35 30	6.0
8 10.2	+35.5	+35 1809	8 10.1	+35 30	8.6
		1802	8 10.2	+35 30	7.5
8 0.9	+35.9	+35 1767	8 0.7	+35 54	6.5
7 52.4	+35.8	+35 1731	7 52.5	+35 48	6.5
7 46.2	+35.8	+35 1705	7 46.2	+35 48	6.5
*7 37.8	+35.3	+35 1679	7 37.6	+35 18	7.5
8 11.6	+36.2	+36 1794	8 11.4	+36 14	7.3
8 8.4	+36.2	+36 1785	8 8.5	+36 10	7.3
8 7.1	+35.9	+35 1789	8 7.1	+35 60	7.6
8 0.2	+36.1	+36 1752	8 0.2	+36 8	7.2
7 58.2	+36.0	+36 1745	7 58.3	+36 3	7.7

*BD +36°1180 [illegible] BD +35°1190

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Plate 2229

F. 18 d. Rem. Nr. Klinc Inst.

h	m			
		24.5	15.3	Ca Nr 1
		24.5	16.0	F 3760 Tr=H 1
23	55	24.2	18.5	H Ir 1

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1893phae.proj..883P

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
7h 58m2	+36°6	+36° 1746	7h 58m3	+36° 39′	7.7
7 56.3	+36.7	+36 1740	7 56.6	+36 42	7.0
7 50.4	+36.5	+36 1726	7 50.4	+36 28	6.8

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1893phae.proj..883F

RA h 8 38 m +31.7 ° November 6. 1893

Plate 2307

h. m.
23 30

H. H Cl. Rem. Klinc. Int.

4.4	5.7	a		N 2
4.7	8.2	H		K=H 1
4.7	9.8	G	3761	K=H 1
4.8	19.0	G	3762	K=H 1
4.5	19.7	a		N 2
4.2	22.2	a		N 2
5.7	8.6	G	3763	K=H 1
5.7	9.4	a		N 3
5.5	11.1	G	3764	K=H 1
5.6	11.4	a		N 3
5.1	11.6	G		N 3
5.1	22.8	a		N 3
6.5	11.9	H		N 1
6.3	13.5	a		K=H 2
6.3	14.0	a		K=H 1
6.1	15.0	G	3765	K=H 1
6.6	24.1	a		N 3
7.3	8.0	H		N 1
7.5	9.0	G	3766	K=H 1
7.8	15.4	G2		K=H 2
8.6	7.6	a		N 3
8.5	8.7	a		K=a5H 3
8.4	11.4	K		K=H 3
8.8	15.0	G		K=H 2
10.0	9.4	H		N 1
9.2	12.7	G5	K	K=H3
9.0	12.9	3na		N 2
9.9	15.2	G5	K	K=H 4

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1893phae.proj..883F

R.A.	Dec	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
8h 59.7m	+26.2	+26° 1901	8h	59.7m	+26° 12'	7.3
*8 54.0	+26.4	+26 1889	8	54.0	+26 26	7.0
8 50.4	+26.5	+26 1873	8	50.4	+26 29	7.7
8 29.4	+26.6	+26 1816	8	29.5	+26 34	7.5
8 28.1	+26.4	+26 1809	8	28.0	+26 27	7.8
8 22.6	+26.2	+26 1794	8	22.6	+26 14	7.5
8 53.1	+26.9	+26 1884	8	53.1	+26 57	8.2
8 51.3	+26.9	+26 1877	8	51.4	+26 60	7.3
8 47.5	+26.9	+26 1869	8	47.6	+26 55	8.1
8 47.0	+26.9	+26 1866	8	46.8	+26 58	7.2
8 46.3	+26.7	+26 1865	8	46.3	+26 46	6.7
8 21.0	+26.7	+26 1789	8	21.1	+26 40	7.0
8 45.9	+27.5	+27 1685	8	45.7	+27 28	7.5
8 42.1	+27.4	+27 1674	8	42.1	+27 22	7.5
8 41.0	+27.4	+27 1672	8	41.0	+27 20	8.5
8 38.5	+27.3	+27 1667	8	38.4	+27 16	8.5
8 18.0	+27.4	+27 1612	8	18.0	+27 25	5.7
8 54.7	+27.8	+27 1708	8	54.7	+27 47	8.5
8 52.5	+27.9	+27 1703	8	52.4	+27 54	8.6
8 37.3	+28.1	+28 1645	8	37.5	+28 7	7.0
8 55.5	+28.5	+28 1683	8	55.5	+28 28	6.5
8 53.1	+28.5	+28 1674	8	53.2	+28 28	6.2
8 47.0	+28.5	+28 1666	8	47.0	+28 29	5.5
8 38.4	+28.7	+28 1647	8	38.4	+28 42	7.0
8 51.5	+29.3	+29 1851	8	51.7	+29 13	8.0
8 44.0	+28.9	+28 1660	8	44.0	+28 53	6.0
8 43.8	+28.8	+28 1659	8	43.8	+28 48	6.5
8 37.9	+29.3	+29 1823	8	37.9	+29 18	7.5
		1824	8	37.9	+29 16	4.2

*BD +26° 1889 erroneously as 35° 1889

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1893phae.proj..883F

Nov. 6, 1893

Plate 2307

h. H Cl. Rem. Klein Tel

9.4	15.5	F.	3767	K=H	1
9.4	15.7	F.	3768	K=H	2
9.4	16.2	F	3769	K=H	1
9.9	17.2	F.	3770	K=H	1
9.1	19.3	G		K=H	2
9.3	19.5	a		K=H	1
10.0	19.8	E		K=H	1
10.7	9.7	I.		K=H	1
10.3	13.0	H		N	1
10.9	13.1	a		K=H	1
10.8	15.0	F	3771	K=H	1
11.3	7.7	H		N	1
11.5	8.4	a		N	1
11.7	13.4	F	3772	K=H	1
11.4	14.1	I		K=H	2
11.2	21.6	F	3773	K=H	2
12.0	21.7	F	3774	K=H	2
11.5	22.9	a		N	2
12.1	6.1	G		K=H	3
12.9	8.3	F.	3775	K=H	2
13.0	10.6	F.	3776	K=H	3
12.8	12.2	F	3777	K=H	1
12.5	12.7	G	59	K=H	2
12.2	13.1	E	39	K=H	2
12.6	19.0	a		N	1
12.6	19.9	F	3778	K=H	1
13.7	12.2	K		K=H	3
13.5	14.5	H		N	1

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1893phae.proj..883f

R.A. 1855.	Dec.	B.D. No.	R.A. 1855.	Dec. 1855.	Magn.
8h 37.2m	+28.9°	+28 1644	8 37.2	+28 53	8.2
8 36.9	+28.9(+)	+28 1642	8 36.8	+28 58	7.3
8 35.6	+25.9(+)	+28 1640	8 35.7	+28 59	8.3
8 33.2	+29.2	+29 1811	8 33.3	+29 11	8.7
8 28.6	+28.8	+28 1628	8 28.6	+28 48	6.5
8 28.4	+28.9	+28 1627	8 28.4	+28 54	8.3
8 27.5	+29.2	+29 1785	8 27.5	+29 12	8.0
8 51.0	+29.6	+29 1849	8 51.1	+29 34	8.0
8 43.4	+29.4	+29 1832	8 43.5	+29 24	8.0
8 43.3	+29.7	+29 1831	8 43.4	+29 41	7.8
8 38.4	+29.6	+29 1825	8 38.5	+29 38	8.4
8 55.6	+29.8	+29 1860	8 55.7	+29 57	8.0
8 54.0	+29.9	+29 1858	8 54.0	+29 57	8.2
8 42.7	+30.0	+30 1779	8 42.7	+30 4	8.2
8 41.0	+29.9(+)	+29 1828	8 40.9	+29 59	7.5
*8 23.3	+29.8	+29 1772	8 23.4	+29 48	7.5
8 23.0	+30.3	+30 1719	8 22.9	+30 12	8.1
†8 20.5	+29.9	+29 1759	8 20.4	+29 58	8.0
8 59.1	+30.2	+30 1817	8 59.3	+30 14	6.0
8 54.5	+30.7	+30 1808	8 54.4	+30 41	7.3
8 49.1	+30.8	+30 1795	8 49.2	+30 48	6.5
		2 ref.			
8 44.1	+30.5	+30 1784	8 44.2	+30 30	7.7
8 43.2	+30.4	+30 1781	8 43.3	+30 23	7.0
8 29.2	+30.5	+30 1738	8 29.3	+30 31	8.3
8 27.1	+30.5	+30 1731	8 27.1	+30 32	8.5
8 45.5	+31.1	+31 1907	8 45.4	+31 8	5.3
8 39.9	+31.0	+31 1884	8 39.9	+31 1	8.5

*BD +29° 1750 underhead on BD +29° 1772 +BD +30° 1716 underhead on BD +29°

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1893phae.proj..883F

Plate 2307

R. A. cl. Rem. Klein Tab

13.8	16.9	G2		YK=1.2H3
13.9	18.8	H		YK=H1
13.8	23.5	F	3779	YK=H1
14.5	18.1	G		YK=H1
15.2	6.5	H		YK=H1
15.4	8.6	H		Y 1
15.6	9.8	A		Y 2
15.6	10.7	H		Y 1
17.0	9.2	A		YK=0.1H4
16.8	9.7	F	3780	YK=H2
16.4	10.2	F	3781	YK=H1
16.5	12.1	H		Y 1
16.5	16.3	A		K=0.5H3
16.2	17.0	F	3782	YK=H2
16.3	18.0	F	3783	YK=H3
17.0	19.1	A		YK=0.5H2
16.2	19.2	F	3784	YK=H1
16.9	21.5	F	3785	YK=H2
16.4	21.8	F	3786	YK=H1
17.8	6.6	F	3787	YK=H0
17.4	7.8	A		K=a6H3
17.5	9.7	F	3788	YK=H1
17.4	10.0	5YK		YK=1.2H3
17.3	10.4	J		K=H2
17.4	11.0	A		YK=0.8H2
18.0	12.0	A		Y 2
17.4	13.0	A		YK=0.2H4
17.9	16.7	H		Y 1

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
8h 36m.3	+31'.2	+31° 1876	8h 36m.4	+31° 13'	6.3
8 29.9	+31.2	+31 1849	8 29.7	+31 12	7.5
8 18.6	+31.0	+31 1814	8 18.6	+31 2	7.9
8 31.1	+31.5	+31 1857	8 31.2	+31 32	8.0
8 58.9	+31.6	+31 1934	8 58.8	+31 48	6.7
8 54.0	+31.9	+31 1923	8 53.9	+31 56	8.0
8 51.1	+32.0	+32 1823	8 51.2	+32 2	8.1
8 48.9	+32.0	+32 1814	8 48.9	+32 3	8.5
8 52.5	+32.8	+32 1829	8 52.5	+32 49	6.3
8 51.2	+32.6	+32 1825	8 51.4	+32 39	8.0
8 50.1	+32.5	+32 1817	8 ~~49.8~~ 50.3	+32 29	8.2
8 46.0	+32.5	+32 1805	8 45.8	+32 32	8.7
8 35.2	+32.6	+32 1782	8 35.3	+32 35	6.8
		+32 1779	8 33.8	+32 22	7.0
8 31.2	+32.5	+32 1776	8 31.3	+32 28	6.5
		+32 1765	8 28.8	+32 48	7.5
8 ~~52.5~~ 28.7	+32.8	+32 1829	8 52.5	+32 49	6.3
8 28.6	+32.4	+32 1764	8 28.6	+32 20	8.3
8 23.1	+32.6	+32 1757	8 23.2	+32 39	7.5
8 22.5	+32.4	+32 1746	8 22.4	+32 25	8.5
		1747	8 22.4	+32 25	9.0
8 59.1	+33.1	+33 1810	8 59.2	+33 8	6.7
8 56.1	+32.9	+32 1837	8 56.0	+32 57	6.8
8 51.5	+32.9	+32 1826	8 51.6	+32 58	8.5
8 50.6	+32.9	+32 1820	8 50.5	+32 59	8.7
		1821	8 50.6	+32 59	5.5
8 49.8	+32.9	+32 1816	8 49.8	+32 55	7.7
8 48.4	+33.0	+32 1811	8 48.4	+32 60	7.2
8 46.0	+33.3	+33 1779	8 46.0	+33 18	7.7
8 43.7	+33.0	+33 1770	8 43.6	+33 1	6.0
8 34.6	+33.3	+33 1746	8 34.4	+33 14	8.0

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1893phae.proj..883F

Plate 2307

R. H. A. Rees. Yerkes Obs.

17.8	18.2	S		K=H 3	
17.4	18.4	S		K=H 2	
18.0	18.8	K		K=H 3	18.0P
17.9	22.7	a		N 3	
18.4	8.5	F	3789	K=H 2	
18.9	10.6	H		N 1	
18.3	11.2	a		K=0.5H4	
19.0	11.3	F	3790	K=H 2	
18.6	12.5	F	3791	K=H 1	
18.9	13.9	F	3792	K=H3	
18.8	15.3	H		N 1	
18.9	15.8	H		N 1	
18.9	17.9	S		K=H 3	
18.6	18.0	H		N 1	
18.7	18.7	a		K=H 2	
18.3	20.7	F	3793	K=H 1	
18.9	21.5	F	3794	K=H 1	18.0
19.5	7.1	a		K=H 1	
19.8	14.2	E		K=H 2	
19.6	15.6	S		K=H 2	
19.2	17.3	H		K=H 1	
19.4	18.8	F	3795	K=H 1	
19.4	21.0	a		N 2	
20.5	6.2	F	3796	K=H 3	
20.6	17.1	F	3797	K=H 3	
22.0	13.8	E		K=H 2	
21.7	14.9	F	3798	K=H 1	
21.3	21.1	S		K=H 1	

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1893phae.prj..883P

R.A. 1855.	Dec.	BD.	No.	R.A. 1855.	Dec. 1855.		Magn.
8h 31.0m	+33.2	+33°	1734	8h 30.9m	+33°	15'	7.0
8 30.4	+33.0	+33	1732	8 30.5	+33	2	7.2
8 29.2	+33.3	+33	1728	8 29.3	+33	18	6.5
8 20.1	+33.2	+33	1703	8 20.1	+33	11	6.7
8 54.6	+33.5	+33	1800	8 54.4	+33	27	7.5
8 49.4	+33.7	+33	1789	8 49.4	+33	45	8.2
8 48.0	+33.5	+33	1785	8 48.0	+33	28	6.0
8 47.6	+33.8	+33	1784	8 47.7	+33	49	7.5
8 44.9	+33.6	+33	1776	8 44.9	+33	36	8.0
8 41.8	+33.8	+33	1765	8 41.5	+33	51	6.3
8 37.9	+33.7	+33	1757	8 37.8	+33	41	8.8
8 36.4	+33.7	+33	1754	8 36.4	+33	46	7.5
8 31.5	+33.8	+33	1738	8 31.5	+33	47	6.8
8 31.1	+33.5	+33	1736	8 31.3	+33	31	8.0
8 29.4	+33.6	+33	1730	8 29.5	+33	39	8.0
8 25.0	+33.4	+33	1712	8 24.8	+33	23	9.2
8 57.9	+33.9	+33	1806	8 57.7	+33	56	7.8
8 40.9	+34.3	+34	1898	8 40.8	+34	14	7.3
8 37.0	+34.1	+34	1894	8 37.0	+34	7	7.0
8 33.0	+33.9	+33	1742	8 33.0	+33	54	8.3
8 29.1	+33.9	+33	1729	8 29.3	+33	58	8.3
8 24.0	+33.9	+33	1710	8 24.0	+33	54	7.3
8 59.9	+34.5	+34	1949	8 59.9	+34	29	6.5
8 33.4	+34.7	+34	1885	8 33.4	+34	43	7.3
8 42.0	+35.4	+35	1880	8 41.9	+35	20	8.0
8 39.1	+35.1	+35	1871	8 39.2	+35	9	7.7
8 23.8	+34.9	+34	1855	8 23.7	+34	53	7.5

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1893phae.proj..883F

Plate 2307
R. H cl. Rem. Klein Int

21.1	22.5	a	R 1
21.3	23.6	a	R 2
22.2	10.1	f	3799 K5=H 2
22.5	11.3	g	2 K=H 2
22.2	12.5	f	3800 K=H 1
22.5	13.8	f	3801 K=H 2
22.5	14.1	a	K=0.5H 2
22.5	16.5	f	3802 K=H 1
22.4	18.4	a	K=H 1
22.4	21.6	g	K=H 2
22.6	22.4	a	R 1
23.5	12.6	a	K=0.2H 4
23.5	18.3	a	K=0.3H 3
24.1	10.7	a	R 3
24.7	14.0	a	R 1
24.5	21.8	a	R 1

Ra h m 9 4 Dec +81.7
Plate 3236

5.4	9.7	g	K=H 3
6.1	16.7	g	3 K=H 2
6.0	6.9	a	R 1
7.7	13.0	f	3803 K=H 1
8.6	18.8	a	R 2
8.5	19.8	a	K=0.5H 3
8.6	22.5	g	K=H 3
9.9	6.5	a	K=H 1
9.5	23.8	g	K=H 2

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1893phae.proj...883P

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
8h 20.1m	+34.7	+34° 1841	8h 20.2m	+34° 45'	8.0
8 17.6	+34.5	+34 1828	8 17.6	+34 48	7.8
8 50.9	+35.4	+35 1913	8 50.7	+35 23	7.7
8 48.0	+35.6	+35 1905	8 48.0	+35 34	7.5
8 45.0	+35.4	+35 1892	8 44.9	+35 24	8.0
8 41.8	+35.6	+35 1878	8 41.6	+35 36	7.0
8 41.2	+35.6	+35 1876	8 41.1	+35 33	8.0
8 35.0	+35.6	+35 1864	8 34.8	+35 33	8.5
8 30.2	+35.5	+35 1852	8 30.0	+35 28	7.9
8 22.4	+35.5	+35 1834	8 22.3	+35 28	7.0
8 20.5	+35.5	+35 1831	8 20.5	+35 27	7.8
8 44.9	+36.1	+36 1883	8 44.8	+36 6	6.1
8 30.3	+36.0	+36 1850	8 30.2	+36 1	7.2
8 49.2	+36.4	+36 1889	8 49.3	+36 22	6.7
8 41.4	+36.7	+36 1874	8 41.3	+36 40	8.4
8 21.8	+36.4	+36 1831	8 21.6	+36 24	8.4
9 16.1	+26.8	+26 1939	9 16.2	+26 49	4.2
9 0.2	+27.2	+27 1715	9 0.3	+27 13	6.0
9 22.9	+28.0	+28 1768	9 22.8	+28 2	6.7
9 9.0	+28.0	+28 1729	9 9.1	+28 2	6.7
* 8 55.6	+28.5	+28 1683	8 55.5	+28 28	6.5
8 53.2	+28.4	+28 1674	8 53.2	+28 28	6.2
8 47.0	+28.5	+28 1666	8 47.0	+28 29	5.5
9 24.8	+29.0	+29 1913	9 24.8	+29 1	7.0
8 44.0	+28.5	+28 1660	8 44.0	+28 53	6.0

* B.D. +28°1683 omitted on 30. +28° 1653

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1893phae.proj..883F

Plate 3236

6 H Cl. Rem. No Klein Int

11.9	17.0	G5	9		K=H 3
13.2	21.4	F	3804	K	K=H 2
13.9	23.0	K			K=H 3
14.6	15.9	Neb			K=H 1
17.3	11.5	A			K=0.5H 2
17.7	17.1	F	3805	K	K=H 2
17.4	18.4	A			K=H 2
17.1	19.9	A			K=0.1H 3
17.4	20.7	9			K=H 3
17.6	21.6	A			K=H 1
17.7	23.6	A			N 3
18.5	11.6	9			K=H 2
18.4	19.1	F	3806		K=H 1
18.5	21.7	A			K=0.3H3
18.2	22.6	A			N 1
19.7	13.4	H			N 1
20.2	7.8	9			K=H 2
20.4	16.7	F5	G	3807	K=H 3
21.3	11.9	K			K=1.2H4
21.9	14.3	9			K=H 2
23.1	7.6	H			N 1
23.4	13.0	A			K=0.5H 2
23.9	22.9	A			N 2
24.3	21.0	A			VN 2

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1893phae.proj...883F

R.A. 1855.	Dec.	BD. No.	R.A. 1893.	Dec. 1893.	Magn.
8h 59m.2	+30°.2	+30° 1817	8h 59m.3	+30° 14′	6.0
8 49.0	+30.8	+30 1795	8 49.2	+30 48	6.5
8 45.5	+31.1	+31 1907	8 45.4	+31 8	5.3
9 2.0	+31.5	+31 1946	9 1.9	+31 34	6.5
9 13.0	+32.9	+32 1865	9 12.9	+32 52	7.0
8 59.1	+33.1	+33 1810	8 59.2	+33 8	6.7
8 56.0	+32.9	+32 1837	8 56.0	+32 57	6.8
8 52.4	+32.8	+32 1829	8 52.5	+32 49	6.3
8 50.8	+32.9	+32 1820	8 50.5	+32 59	8.7
		1821	8 50.6	+32 54	5.5
8 48.4	+33.0	+32 1811	8 48.4	+32 60	7.2
8 43.6	+33.0	+33 1770	8 43.6	+33 1	6.0
9 12.5	+33.5	+33 1848	9 12.7	+33 32	6.8
8 54.5	+33.5	+33 1800	8 54.4	+33 27	7.5
8 48.0	+33.5	+33 1785	8 48.0	+33 28	6.0
8 46.0	+33.3	+33 1779	8 46.0	+33 18	7.7
9 8.4	+34.1	+34 1969	9 8.5	+34 7	7.4
9 22.0	+34.3	+34 1999	9 22.0	+34 17	6.7
8 59.9	+34.5	+34 1949	8 59.9	+34 29	6.5
9 12.1	+35.0	+35 1979	9 12.2	+35 4	3.1
9 6.3	+35.2	+35 1966	9 6.3	+35 14	6.3
9 22.9	+35.8	+35 2015	9 22.7	+35 45	5.7
9 9.9	+35.9	+35 1971	9 9.5	+35 58	6.7
8 44.9	+36.1	+36 1883	8 44.8	+36 6	6.1
8 49.2	+36.4	+36 1889	8 49.3	+36 22	6.7

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1893phae.proj..883F

Ra 9h 15m +31.5°

Plate 3293

A. H Ch. Rem. Nr. Yerkes Int.

5.2	7.3	D		K=H	1
5.7	10.2	a		R	1
5.4	15.0	D		K=1.2H	4
5.6	17.3	H		R	1
6.4	22.1	G_2 D		K=H	3
7.9	10.8	F	3808	K=H	1
7.9	12.1	a		R	2
7.2	11.4	E		K=H	1
7.9	18.1	F	3809	K=H	2
8.7	9.6	H		R	1
8.9	24.0	a		R	2
9.8	11.2	a		R	3
10.0	16.3	F	3810	K=H	1
10.8	6.1	a		R	1
10.2	18.0	H		R	1
12.2	14.9	a		R	1
12.3	22.3	G_5 D		K=1.5H	3
13.2	6.9	a		R	3
13.4	7.2	F	3811	K=H	2
14.0	14.8	H		R	1
13.8	18.3	a		K=H	1
14.9	21.1	Int-E		K=H	3
14.5	21.5	F	3812	K=H	1
15.7	7.9	D		K=H	3
15.3	10.0	D		K=H	3
15.7	12.8	a		R	2
15.6	18.2	H		R	1
15.4	22.4	H		R	1

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1893phae.proj..883F

R.A. 1855 h m	Dec. 1855 °	BD. No.	R.A. 1855	Dec. 1855	Magn.
9 32.4	+26.6	+26 1991	9 33.3	+26 34	6.5
* 9 26.8	+26.8	+26 1974	9 26.8	+26 50	7.7
9 16.1	+26.8	+26 1939	9 16.2	+26 49	4.2
9 10.9	+26.9	+26 1927	9 10.8	+26 51	6.7
9 0.2	+27.2	+27 1715	9 0.3	+27 13	6.0
9 25.4	+27.9	+27 1779	9 25.6	+27 60	8.0
9 22.9	+28.0	+28 1768	9 22.8	+28 2	6.7
9 24.2	+27.6	+27 1775	9 24.3	+27 39	7.0
† 9 9.1	+28.0	+28 1729	9 9.1	+28 2	6.7
9 28.3	+28.4	+28 1780	9 28.4	+28 25	7.3
8 55.6	+28.5	+28 1683	8 55.5	+28 28	6.5
8 9 24.9	+29.0	+29 1913	9 24.8	+29 1	7.0
9 13.1	+29.1	+29 1890	9 13.2	+29 7	7.8
9 36.6	+29.4	+29 1942	9 36.4	+29 22	7.4
9 9.4	+29.2	+29 1883	9 9.3	+29 11	7.0
9 16.5	+30.1	+30 1864	9 16.5	+30 10	8.3
8 59.1	+30.2	+30 1817	8 59.3	+30 14	6.0
9 35.1	+30.7	+30 1901	9 35.1	+30 39	5.3
9 34.4	+30.7	+30 1898	9 34.3	+30 47	7.2
9 16.9	+31.1	+31 ~~1856~~ 1878	9 16.8	+31 7	7.5
9 8.2	+30.9	+30 1839	9 8.3	+30 58	7.7
9 2.0	+31.6	+31 1946	9 1.9	+31 34	6.5
9 1.0	+31.3	+31 1941	9 0.9	+31 18	7.5
9 33.0	+31.9	+31 2026	9 33.0	+31 55	6.2
9 28.0	+31.8	+31 2011	9 28.1	+31 48	5.3
9 21.7	+31.9	+31 1992	9 21.5	+31 57	7.3
9 8.9	+31.9	+31 1961	9 8.7	+31 53	7.8
8 58.9	+31.8	+31 1934	8 58.8	+31 48	6.7

* BD +28° 1975 superposed on BD +26° 1974. † BD +28° 1730 superposed on BD +28° 1729.

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1893phae.proj..883F

Plate 3298
h. H Cl. Rein. Yerkes Int.

17.7	7.4	F	3813	K=H	2
17.4	16.3	a		K=0.2H	3
18.0	22.1	F	3814	K=H	3
17.8	23.5	a		K=H	3
18.5	14.7	H		K=H	1
18.7	16.4	g		K=H	3
19.2	7.6	H		K=H	1
19.9	15.7	a		K	2
19.9	18.2	g		K=H	2
19.8	22.7	F	3815	K=H	1
18.9	24.1	F	3816	K=H	2
20.2	~~12.7~~	g		K=H	3
20.7	21.7	F6-G	3817	K=1.2H	3
21.4	7.3	H		K	1
21.6	15.3	H		K	1
22.0	15.5	H		K	1
21.5	16.6	K		K=H	4
23.0	12.4	g		K=H	3
22.8	16.5	F	3818	K=H	2
22.2	19.1	G2		K=H	3
23.3	7.8	F	3819	K=H	3
23.8	9.0	F	3820	K=H	2
23.6	9.1	F	3821	K=H	1
24.3	10.2	F	3822	K=H	1
24.6	10.7	g		K=H	3
23.6	17.7	a		K=0.5H	3
23.3	19.8	a		K	1
23.9	21.1	a		K=H	1

9?

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1893phae.proj..883F

R.A. 1855	Dec.	BD.	Ao.	R.A. 1855.	Dec. 1855.	Mag.
9h 34.2m	+32.9°	+32°	1920	9h 34.3m	+32° 56'	6.9
9 13.0	+32.9	+32	1865	9 12.9	+32 52	7.0
8 59.1	+33.1	+33	1810	8 59.2	+33 8	6.7
8 56.0	+32.9	+32	1837	8 56.0	+32 57	6.8
9 17.0	+33.4	+33	1859	9 17.0	+33 23	7.8
9 12.6	+33.5	+33	1848	9 12.7	+33 32	6.8
9 34.0	+33.6	+33	1898	9 33.9	+33 40	6.5
9 14.6	+34.1	+34	1985	9 14.6	+34 6	7.7
9 8.5	+34.1	+34	1969	9 8.5	+34 7	7.4
8 57.9	+33.9	+33	1806	8 57.7	+33 56	7.8
8 54.4	+33.5	+33	1800	8 54.4	+33 27	7.5
9 22.0	+34.3					
~~8 59.9 +34.5~~		+34	1999	9 22.0	+34 17	6.7
8 59.9	+34.5	+34	1949	8 59.9	+34 29	6.5
9 35.0	+34.8	+34	2022	9 35.0	+34 46	7.2
9 15.5	+34.9	+34	1988	9 15.5	+34 58	7.9
9 14.9	+35.2	+35	1999	9 15.0	+35 10	7.7
9 12.1	+35.0	+35	1979	9 12.2	+35 1	3.1
9 22.9	+35.7	+35	2015	9 22.7	+35 45	5.7
9 12.3	+35.6	+35	1980	9 12.3	+35 34	7.8
9 6.3	+35.2	+35	1966	9 6.3	+35 14	6.3
9 34.0	+35.8	+35	2042	9 34.0	+35 44	6.5
9 31.2	+35.9	+35	2034	9 31.2	+35 60	7.0
9 30.8	+35.9	+35	2033	9 30.7	+35 53	7.0
9 28.0	+36.2	+36	1982	9 28.1	+36 15	7.7
9 27.0	+36.5	+36	1979	9 27.0	+36 29	5.5
9 9.6	+35.9	+35	1971	9 9.5	+35 58	6.7
9 4.4	+35.7	+35	1960	9 4.4	+35 42	7.8
*9 1.1	+36.0	+35	1949	9 1.1	+35 60	7.9

*BD. +36° 1922, superposed on BD. +35° 1949.

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1893phae.proj..883F

RA 10h 2m +31.8 · November 8, 1893

Plate 2210

23h 47m V. H Cl. Rutherfurd Klein Int.

4.6	13.6	A		K	2
4.5	23.0	K		K=1.5H	4
6.7	13.8	G		K=H	2
7.3	11.8	A		K	3
8.0	20.4	A		K=H	2
7.9	22.4	A		K=H	1
8.9	14.3	E		K=H	1
8.2	17.7	F	3823	K=H	1
8.7	21.1	F	3824	K=H	1
9.9	6.8	He		K=H	1
9.8	12.7	G		K=H	2
10.0	19.2	He		K=H	1
11.0	12.8	A		K=01H	4
12.0	7.3	He		K=H	1
11.9	8.2	F	3825	K=H	1
11.7	9.6	G5		K=H	2
11.4	16.6	F	3826	K=H	2
11.6	19.9	I		K=H	3
12.1	11.8	F	3827	K=H	1
13.3	9.1	F	3828	K=H	1
13.8	10.9	He		K=H	1
13.5	19.1	A		K	1
14.5	17.3	F	3829	K=H	1
14.7	24.1	A		K=H	2
15.3	13.4	G		K=H	2
15.2	13.8	F	3830	K=H	2
15.5	16.1	F	3831	K=H	3
15.4	18.8	E		K=H	1

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1893phae.proj...883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855	Dec. 1855.	Magn.
Est. (1855.)	10.2		5.5	+26.9	
9h 44.5m	+26.7	+26 2019	9	44.5	+26 42' 4.0
10 5.8	+27.9	+27 1862	10	5.6	+27 52 6.5
*10 10.0	+28.1	+28 1867	10	10.0	+28 8 6.7
9 50.1	+28.4	+28 1824	9	50.2	+28 28 6.5
9 45.7	+28.4	+28 1816	9	45.7	+28 23 7.3
†10 4.4	+28.9	+28 1852	10	4.5	+28 57 7.0
9 56.2	+28.6	+28 1835	9	56.3	+28 33 7.5
9 48.5	+28.8	+28 1822	9	48.6	+28 47 8.0
10 21.9	+29.3	+29 2057	10	21.8	+29 19 7.0
10 8.1	+29.4	+29 2021	10	8.2	+29 23 6.8
9 53.0	+29.5	+29 1986	10	53.0	+29 29 7.2
10 8.0	+30.0	+30 1981	10	8.0	+30 2 6.0
10 21.0	+30.5	+30 2021	10	20.8	+30 29 6.8
10 18.9	+30.4	+30 2014	10	18.8	+30 25 7.5
10 15.5	+30.4	+30 2005	10	15.5	+30 21 6.5
9 58.9	+30.2	+30 1961	9	58.8	+30 14 6.8
9 51.1	+30.3	+30 1946	9	51.3	+30 20 6.0
10 10.2	+30.5	+30 1990	10	10.3	+30 33 8.0
10 17.0	+31.1	+31 2136	10	16.8	+31 6 7.5
10 12.6	+31.4	+31 2126	10	12.6	+31 23 7.1
9 53.	+31.3	+31 2083	9	53.0	+31 16 7.7
9 57.2	+31.8	+31 2095	9	57.3	+31 48 7.5
9 41.1	+31.7	+31 2053	9	41.3	+31 45 6.7
10 7.0	+32.2	+32 2005	10	6.8	+32 12 6.3
10 6.0	+32.1	+32 2000	10	5.9	+32 9 7.8
9 59.9	+32.3	+32 1982	9	59.9	+32 19 6.5
9 53.5	+32.2	+32 1970	9	53.7	+32 14 7.5

*BD +28° 1866 entered on BD +28° 1867 †BD +29° on the check is BD +28°

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1893phae.proj..883F

Plate 2210

P. 48 Cl. Rem. Kline Int

15.5	19.2	a		K=H1
16.7	12.2	a		K1
16.2	19.2	G		K=1.2H3
17.4	6.4	a		K3
17.2	17.8	He		K1
17.6	18.0	F	3832	K=H1
17.1	21.1	F	3833	K=H2
20.0	9.0	a		K=H3
19.3?	~~19~~.8	9.7	K	K=H3
20.2	10.2	a		K=0.3H3
20.8	16.0	He		K1
22.6	6.0	a		K3
22.9	10.3	a		K2
22.7	13.1	a		K=0.5H2
22.7	16.5	a		K=0.3H4
22.5	22.2	He		K1
23.4	9.2	He		K=H2

Ra ^{h} 11 ^{m} 18 +81.9°

Plate 2309

14.2?	6.2	~~14.7~~	He	K1
7.9	6.3	F	3834	K=H1
7.4	8.9	F	3835	K=H1
6.8	14.9	a		K2
8.0	18.5	a		K=0.2H2
7.4	20.6	F	3836	K=H1
7.0	21.2	F	3837	K=H1
8.7	7.2	H		K1

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1893phae.proj...883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
9h 52.7m	+32°2	+32° 1965	9h 52.7m	+32° 14'	8.4
10 9.9	+32.9	+32 2011	10 9.8	+32 52	8.0
9 52.7	+32.6	+32 1968	9 52.7	+32 38	5.8
10 23.6	+33.1	+33 1999	10 23.6	+33 7	6.1
9 55.9	+33.1	+33 1939	9 55.8	+33 9	6.9
9 55.5	+33.3	+33 1939	9 55.5	+33 21	7.0
9 48.0	+33.0	+33 1920	9 48.0	+33 4	6.5
10 17.8	+34.5	+34 2128	10 17.6	+34 32	45
10 15.9	+34.4	+34 2123	10 15.8	+34 27	5.8
10 14.9	+34.6	+34 2120	10 14.7	+34 38	6.0
10 0.1	+34.9	+34 2089	10 0.2	+34 57	7.3
10 25.2	+35.7	+35 2154	10 25.2	+35 45	6.0
10 14.9	+35.9	+35 2130	10 14.7	+35 57	6.8
10 7.8	+35.9	+35 2122	10 7.7	+35 54	6.8
9 58.9	+35.9	+35 2110	9 58.9	+35 58	4.4
9 45.0	+35.7	+35 2073	9 45.0	+35 41	6.8
10 17.3	+36.1	+36 2065	10 17.4	+36 10	6.5
11 20.0	+27.2	+27 2024	11 20.0	+27 14	7.9
11 38.0	+28.0	+28 2039	11 37.9	+28 1	7.3
11 32.0	+27.8	+27 2044	11 32.1	+27 46	8.0
11 18.1	+27.5	+27 2021	11 18.1	+27 34	7.0
11 10.0	+28.1	+28 1983	11 10.0	+28 9	6.5
11 5.3	+27.8	+27 1998	11 5.3	+27 51	7.5
11 3.9	+27.6	+27 1991	11 3.9	+27 37	7.7
11 35.9	+28.3	+28 2034	11 35.9	+28 22	8.0

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1893phae.proj..883F

Plate 2309

O. H Cl. Nov. Kline Smt.

8.7	8.1	F	3838	K=H	1
8.3	9.8	H6		N	1
8.9	10.0	G5	9	K=H	1
8.8	10.5	a		K=H	3
8.4	12.7	F	3839	K=H	1
8.4	19.6	a		K=H	2
10.0	14.6	F	3840	K=H	2
9.8	17.5	H6		K=H	1
9.3	22.4	F	3841	K=H	1
10.8	6.8	a		K=H	3
10.1	12.9	K		K=H	2
11.3	12.3	F	3842	K=H	2
12.6	7.2	F	3843	K=H	1
13.0	13.3	F	3844	K=H	3
12.7	15.2	F	3845	K=H	2
13.2	7.2	a		K=H	2
13.6	12.5	H	~~3846~~	K=H	1
14.0	13.7	F	3846	K=H	3
13.1	15.1	F	3847	K=H	3
13.4	17.4	9		K=H	2
13.7	20.8	H6		K=H	1
14.0	21.6	a		K=H	1
13.3	22.3	G		K=H	2
13.3	23.7	8		K=H	1
14.7	10.7	F	3848	K=H	1
14.2	11.2	G5	7	K=H	2
14.2	17.7	H		K=H	1
14.2	21.4	H		N	1

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1893phae.proj..883F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
11h 34.m0	+28.°4	+28° 2029	11h	33.m9	+28° 26	7.9
11 30.1	+28.2	+28 2024	11	30.0	+28 14	8.1
11 29.6	+28.6	+28 2023	11	29.6	+28 34	8.0
11 28.6	+28.6	+28 2022	11	28.7	+28 35	6.0
11 23.6	+28.3	+28 2012	11	23.5	+28 20	8.1
11 7.5	+28.4	+28 1979	11	7.6	+28 22	6.8
11 19.1	+29.2	+29 2160	11	19.2	+29 14	7.2
11 12.5	+29.1	+29 2147	11	12.4	+29 7	7.5
11 1.1	+28.8	+28 1971	11	1.1	+28 46	8.3
11 37.2	+29.5	+29 2206	11	37.2	+29 28	7.0
11 23.1	+29.3	+29 2176	11	23.2	+29 15	6.8
11 25.0	+29.9	+29 2179	11	24.7	+29 52	7.5
* 11 36.5	+30.4	+30 2189	11	36.5	+30 23	7.5
11 22.6	+30.5	+30 2163	11	22.4	+30 47	6.8
		2164	11	22.5	+30 47	9.0
11 17.5	+30.6	+30 2153	11	17.5	+30 34	7.4
11 36.6	+30.7	+30 2191	11	36.6	+30 42	7.5
11 24.2	+31.0	+31 2276	11	24.3	+31 3	7.7
11 21.8	+31.2	+31 2270	11	21.6	+31 13	7.0
11 18.0	+30.8	+30 2154	11	17.9	+30 47	6.5
11 12.4	+30.9	+30 2137	11	12.4	+30 56	7.0
11 4.4	+31.1	+31 2242	11	4.5	+31 1	8.2
11 2.9	+31.1	+31 2236	11	2.7	+31 10	8.0
11 1.1	+30.8	+30 2211	11	1.2	+30 50	7.2
10 58.0	+30.8	+30 2105	10	58.0	+30 48	8.0
11 28.4	+31.5	+31 2281	11	28.5	+31 31	8.3
11 27.2	+31.3	+31 2279	11	27.4	+31 18	7.3
11 11.8	+31.3	+31 2254	11	11.9	+31 19	8.6
		+31 2239	11	3.1	+31 18	8.7
11 3.1	+31.2	+31 2240	11	3.1	+31 10	8.5

* BD +30° 2191 substituted for BD +30° 2150

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1893phae.proj..883F

Plate 2309
R. 18 cl. Prism. Klum Int

15.4	12.3	E	K=H	1
16.8	7.6	H	K=H	2
16.7	8.4	F	3849 K=H	3
16.9	10.0	F	3850 K=H	2
16.7	15	H G	K=H	2
16.0	16.3	E	K=H	1
16.7	16.3	F	3851 K=H	2
16.6	17.2	G5 H6	K=H	2
16.1	18.2	F	3852 K=H	3
16.4	19.5	G5 H6	K=H	2
16.2	24.1	E	K=H	2
17.6	11.4	F	3853 K=H	1
~~16.7~~ 17	13.0	F	3854 K=H	2
16.0	16.0	F	3855 K=H	1
18.7	17.7	G	K=H	3
18.3	21.7	G	K=H	2
19.4	12.1	F	3856 K=H	2
19.3	14.6	G5 H	K=H	2
19.9	15.0	F	3857 K=H	3
19.3	15.7	E	K=H	1
19.5	16.3	a	R	2
19.2	18.1	K	K=1/2H5	
19.2	19.5	H6	R	1
20.0	20.2	G5 G	K=H	3
20.4	9.9	G	K=H	3
21.6	~~8.9~~	b5 G	K=1.5H	3
21.2	12.2	G	K=H	2
21.6	15.9	a	R	1

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1893phae.proj..883F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec 1855.		Magn.
11h 23.9m	+31.8	+31° 2274	11h 24.0	+31°	46'	7.5
11 35.9	+32.5	+32 2180	11 35.9	+32	34	7.2
11 34.1	+32.5	+32 2179	11 34.0	+32	33	6.0
11 30.5	+32.7	+32 2169	11 30.5	+32	42	7.5
11 17.1	+32.6	+32 2146	11 17.2	+32	38	8.0
11 15.0	+32.2	+32 2141	11 15.0	+32	13	8.8
11 15.1	+32.6	+32 2142	11 15.1	+32	37	7.7
11 13.0	+32.5	+32 2137	11 13.0	+32	32	8.2
11 10.6	+32.4	+32 2132	11 10.4	+32	22	3.7
11 7.5	+32.4	+32 2124	11 7.5	+32	24	7.9
10 56.9	+32.2	+32 2102	10 56.7	+32	13	6.8
11 27.0	+32.9	+32 2162	11 27.1	+32	59	8.0
11 23.5	+33.1	+33 2123	11 23.4	+33	6	7.0
11 15.8	+33.2	+33 2109	11 15.8	+33	13	8.8
11 11.6	+33.6	+33 2099	11 11.7	+33	36	7.8
11 2.0	+33.3	+33 2084	11 2.0	+33	19	7.5
*11 25.6	+33.9	+33 2129	11 25.5	+33	55	7.7
11 19.4	+33.9	+33 2116	11 19.4	+33	56	7.7
11 18.8	+34.2	+34 2222	11 18.6	+34	15	6.8
11 16.4	+33.9	+33 2110	11 16.5	+33	54	8.4
11 15.0	+34.0	+34 2217	11 15.0	+34	1	8.3
11 10.8	+33.9	+33 2098	11 10.6	+33	53	3.4
11 7.1	+33.8	+33 2091	11 7.3	+33	47	8.7
11 5.7	+34.2	+34 2206	11 5.5	+34	14	6.8
11 31.0	+34.4	+34 2242	11 30.9	+34	27	6.3
11 33.2	+35.0	+35 2270	11 33.4	+35	1	5.1
11 25.1 22.9	+34.9	+34 2230	11 25.3	+34	50	7.7
11 16.0	+35.0	+35 2246	11 16.0	+34	2	8.9

*BD +33° 2130 substituted for BD +33° 2129

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Plate 2309
P. H Cl Rem. Klein Inst

22.2	11.2	a	R 1
23.1	16.3	H	R 1
22.9	16.7	a	K=H 1
24.1	17.9	g	K=H 2
22.8	20.6	G5 g	K=H 2
23.2	20.7	a	R 2
23.9	21.5	a	R 2
24.8	20.5	G	K=H 2

RA ^{h} 11 ^{m} 16 +31.9°
Plate 3253

7.5	14.3	a	K=H 2
8.6	17.8	a	K=0.5H 2
9.0	18.9	a	K=0.5H 2
8.1	19.9	F 3858	K=H 1
7.7	20.5	F 3859	K=H 1
9.5	7.3	F 3860	K=H 1
9.7	9.3	Hδ	K=H 1
9.6	9.7	a	K=0.5H 3
10.4	6.5	a	K=H 1
10.8	12.1	ma (?)	R 2
10.7	13.8	a	K=H 2
10.5	16.7	Hδ	R 1
11.6	6.0	a	R 3
12.0	11.5	F 3861	K=H 2
11.3	15.2	Hδ	R 1
13.0	19.7	F 3862	K=H 1
13.3	6.4	F 3863	K=H 1

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R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
11h 27.5m	+35.3°	+35° 2264	11h 27.7m	+35° 19′	8.3
11 14.9	+35.8	+35 2242	11 14.8	+35 49	7.5
11 14.0	+35.6	+35 2241	11 14.0	+35 40	8.2
11 11.0	+36.3	+36 2175	11 10.9	+36 17	7.0
11 4.4	+35.5	+35 2221	11 4.5	+35 34	7.2
11 4.1	+35.8	+35 2219	11 4.1	+35 48	7.5
11 2.1	+36.1	+36 2160	11 2.2	+36 7	7.5
11 4.7	+36.7	+36 2162	11 4.6	+36 36	6.8
11 18.1	+27.5	+27 2021	11 18.1	+27 34	7.0
11 10.0	+28.1	+28 1983	11 10.0	+28 9	6.5
11 7.5	+28.4	+28 1979	11 7.6	+28 22	6.8
11 5.3	+27.8	+27 1992	11 5.3	+27 51	7.5
11 3.9	+27.6	+27 1991	11 3.9	+27 37	7.7
11 34.0	+28.4	+28 2029	11 33.9	+28 26	7.9
11 29.7	+28.6	+28 2023	11 29.6	+28 34	8.0
11 28.8	+28.6	+28 2022	11 28.7	+28 35	6.0
11 35.8	+28.9	+28 2033	11 35.8	+28 51	7.3
11 23.2	+29.2	+29 2176	11 23.2	+29 15	6.8
11 19.1	+29.2	+29 2160	11 19.2	+29 14	7.2
11 12.5	+29.1	+29 2147	11 12.4	+29 7	7.5
11 37.1	+29.5	+29 2206	11 37.2	+29 28	7.0
11 25.0	+29.9	+29 2179	11 24.7	+29 52	7.5
11 15.9	+29.5	+29 2153	11 15.9	+29 31	8.0
11 5.6	+30.3	+30 2123	11 5.6	+30 20	8.2
11 36.5	+30.4	+30 2189	11 36.5	+30 23	7.5

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Plate 3283

D. H. Cl. Rum. Klein Lust

13.9	6.4	a		N	2
13.6	8.8	F	3864	K=H	1
13.8	12.5	F	3865	K=H	3
13.8	14.5	F	3866	K=H	3
13.4	14.5	F	3867	K=H	2
14.0	21.6	G		K=H	2
15.0	10.4	G		K=H	1
14.4	11.7	G5H		K=H	1
14.7	12.9	F	3868	K=H	3
14.1	16.7	Hε		N	2
14.3	20.2	Hε		N	1
14.8	20.7	Hε		N	1
14.6	20.9	a		N	1
14.0	23.0	G3Hε		K=H	1
15.4	10.0	G		K=H	1
15.8	11.9	G		K=H	1
16.6	15.7	F	3869	K=H	1
16.8	17.6	F	3870	K=H	5
17.0	18.8	Hε		K=H	1
16.8	23.4	G		K=H	1
17.6	6.9	G3G		K=H	2
17.5	17.7	F	3871	K=H	3
17.7	9.2	F	3872	K=H	2
17.5	14.8	G5Hε		K=H	2
17.4	15.6	F	3873	K=H	2
17.3	16.5	Hε		K=H	1
18.3	10.6	F	3874	K=H	1
18.5	12.2	F	3875	K=H	3

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R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
11h 36.7m	+30.7	+30° 2191	11h 36.7m	+30° 42'	7.5
11 31.0	+30.6	+30 2180	11 31.0	+30 34	8.1
11 22.4	+30.8	+30 2163	11 22.4	+30 47	6.8
		2164	11 22.5	+30 47	9.0
11 18.0	+30.8	+30 2154	11 17.9	+30 47	6.5
11 17.6	+30.6	+30 2153	11 17.5	+30 34	7.4
11 1.0	+30.5	+30 2111	11 1.2	+30 50	7.2
11 27.5	+31.3	+31 2279	11 27.4	+31 18	7.3
11 24.2	+31.0	+31 2276	11 24.3	+31 3	7.7
11 21.7	+31.2	+31 2270	11 21.6	+31 13	7.0
11 12.3	+30.9	+30 2137	11 12.4	+30 55	7.0
11 4.5	+31.0	+31 2242	11 4.5	+31 1	8.2
11 3.1	+31.2	+31 2239	11 3.1	+31 18	8.7
		+31 2240	11 3.1	+31 15	8.5
11 2.9	+31.1	+31 2236	11 2.7	+31 10	8.0
10 58.0	+30.8	+30 2105	10 58.0	+30 48	8.0
11 28.4	+31.5	+31 2281	11 28.5	+31 31	8.3
11 23.9	+31.8	+31 2274	11 24.0	+31 46	7.5
11 15.0	+32.2	+32 2141	11 15.0	+32 13	8.8
11 10.4	+32.3	+32 2132	11 10.4	+32 22	3.7
11 7.5	+32.4	+32 2124	11 7.5	+32 24	7.9
10 56.9	+32.2	+32 2102	10 56.7	+32 13	6.8
11 35.9	+32.6	+32 2180	11 35.9	+32 34	7.2
11 34.0	+32.6	+32 2179	11 34.0	+32 33	6.0
11 30.5	+32.7	+32 2169	11 30.5	+32 42	7.5
11 17.1	+32.6	+32 2146	11 17.2	+32 38	8.0
11 15.1	+32.6	+32 2142	11 15.1	+32 37	7.7
11 13.0	+32.5	+32 2137	11 13.0	+32 32	8.2
11 27.0	+32.9	+32 2162	11 27.1	+32 59	8.0
11 23.4	+33.1	+33 2123	11 23.4	+33 6	7.0

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Plate
t. H. C. Ks. Rem K.line del.

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