1893phae.proj..882F

KG
11365
881

HENRY DRAPER MEMORIAL.

Measures of Spectrum Plates
Southern Draper Catalogue
№67

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

XG11365 .68P

1992phae.proj..882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics + Provided by the NASA Astrophysics Data System

1893phae.proj..882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae..proj..88Z

John C. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

Index.

Plate	Page.	Plate	Page
I 1738	4	1455	178
2137	6	6332	182
971	10	6481	186
1740	16	2906	192
1098	20	337	198
1082	30	2138	204
1148	38	2139	212
3211	46		
3225	56		
1149	62		
1206	70		
1379	72		
568	76		
1373	80		
1483	86		
3168	90		
698	98		
2957	100		
3071	104		
2147	112		
2961	112		
2227	120		
1741	126		
2553	132		
2228	146		
1252	160		
1356	166		
1319	172		
1460	176		

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

KG 11365.88

HARVARD UNIVERSITY LIBRARY JUL 17 1956

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. $1^h\ 58^m$ Dec. +1.8

June 23 1893

Plate 1738

h m
23 30

V	H	Cl.	Rem.	K line Int.		
4.7	8.2	Ind	2685	K=H	3	(o Ceti)
5.7	11.6	F	2686	K=H	3	
5.7	16.3	a		K=H	1	
6.8	12.2	g3H		K=H	2	
6.3	18.8	a		K	2	
8.8	6.8	a		K=H	3	
9.6	13.7	FH	2687	K=H	1	
9.2	14.2	F5g	2688	K=H	1	
9.6	16.0	g		K=H	3	
10.4	14.8	g		K=H	2	
10.5	16.3	a		K=0.3H	4	
11.2	7.1	Ind(?)		K	1	
11.8	10.5	a		K=0.2H	2	
12.3	13.7	F	2689	K=H	1	
13.8	9.1	F5g	2690	K=H	2	
13.7	10.8	H		K	1	
13.8	20.0	F	2691	K=H	2	
14.1	9.5	FH	2692	K=H	1	
14.5	9.9	a		K=H	1	
12.9	23.4	a		K=H	1	
15.5	9.7	F	2693	K=H	1	
15.8	12.0	g		K=H	2	
15.6	17.0	a		K=0.1H	5	
16.9	16.5	e		K=H	2	
16.4	18.1	F5g	2694	K=H	2	
16.5	21.2	05 K		K=1.2H	4	
17.2	12.3	a		K=0.2H	2	
17.8	13.3	a		K=0.2H	2	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855.

R.A.	Dec.	BD	R.A. 1855	Dec. 1855	Magn.	R.A. 1900	Dec. 1900	
2h 12m	-3.6	-3° 353	2h 12.0m	-3°	38'	var.		✓
*2	-3.1	-3 335	2	5.4	-3	5	8.9	✓
		-3 336	2	5.4	-3	4	5.9	✓
1 55.6	-3.1	-3 304	1	55.5	-3	4	7.0	✓
2 4.3	-2.5	-2 375	2	4.2	-2	30	6.3	✓
1 50.8	-2.8	-2 330	1	50.6	-2	46	6.7	✓
2 14.9	-1.6	-1° 322	2h	14.8m	-1°	33'	5.8	✓
2 1.5	-1.1	-1 297	2	1.4	-1	7	7.8	✓
2 0.3	-1.3	-1 293	2	0.2	-1	19	7.5	✓
1 56.4	-1.0	-1 285	1	56.4	-1	2	7.3	✓
1 59.2	-0.7	-0 318	1	59.1	-0	40	7.3	✓
1 55.8	-0.6	-0 307	1	55.8	-0	34	6.0	✓
2 14.5	-0.3	-0 355	2	14.6	-0	16	5.5	✓
2 7.8	+0.1	+0 370	2	7.7	+0	3	7.2	✓
2 1.3	+0.3	+0 356	2	1.3	+0	16	8.3	✓
2 10.5	+1.1	+1 410	2	10.5	+1	4	5.8	✓
2 7.2	+1.0	+0 369	2	7.2	+0	59	7.5	✓
1 48.4	+1.1	+1 347	1	48.4	+1	8	6.2	✓
2 9.8	+1.2	+1 407	2	9.7	+1	12	7.7	✓
2 9.0	+1.4	+1 404	2	9.0	+1	24	8.2	✓
1 42.7	+0.6	+0 294	1	41.6	+0	37	8.0	✓
2 9.4	+1.9	+1 406	2	9.3	+1	54	8.2	✓
2 4.8	+2.1	+2 347	2	4.8	+2	5	7.3	✓
1 54.6	+2.0	+2 317	1	54.6	+2	4	3.5	✓
1 55.5	+2.7	+2 321	1	55.5	+2	39	8.0	✓
1 52.5	+2.4	+2 311	1	52.6	+2	24	6.5	✓
1 46.1	+2.5	+2 290	1	46.1	+2	29	4.5	✓
2 4.3	+2.8	+2 346	2	4.2	+2	46	7.4	✓
2 2.4	+3.1	+3 289	2	2.4	+3	4	7.1	✓

* BD. -2° 379 superposed on 72 Q -3° 336

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

June 27, 1893

Plate 1736
G H Cl. Rem. Kline Int

17	5	23.8	b	K=H 2
18.7		13.4	H	R 1
20	3	21.5	a	K=H 2
21.5		14.4	a	R 1
22	5	13.0	F 2695	K=H 1
22.2		13.6	F 2696	K=H 1
22.2		16.1	H	R 1
23.1	2	5	a	R 1
24.3		15.2	a	K=H 1

R.A. 2h 42m Dec. +1.°7

Plate 2137

4.9		13.6	a	R 1
4.3		18.2	H	K=H 1
5.9		9.5	a	R 3
6	3	9.9	a	R 3
5.7		17.4	H	R 1
6	3	10.3	F 2697	K=H 1
6.6		9.5	a	K=H 1
7.3		9.3	a	K=H 1
7.5		12.5	H	R 1
8.5		23.2	g	K=H 3
9.6		10.8	E	K=H 1
9.4		13.3	a	K=H 1
9.3		13.7	E	K=H 1
9.2		18.6	F 2698	K=H 3
9.3		21.0	a	K=H 1
10.5		12.0	E	K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj..082F

φ BD. -3°452 superposed on BD.-3°453.

1855 R.A.	Dec.	B.D.No	1855 R.A.	Dec.	Magn.	
1h 41.0m	+2.9	+2°270	1h 40.9m	+2° 57'	6.5	✓
2 2.1	+3.5	+3 288	2 2.1	+3 33	7.5	✓
2 6.0	+4.3	+4 367	2 5.9	+4 20	7.3	✓
2 0.1	+4.9	+4 354	2 0.1	+4 56	7.7	✓
2 3.0	+5.4	+5 293	2 3.0	+5 24	7.7	✓
2 1.9	+5.3	+5 289	2 1.8	+5 18	7.7	✓
1 52.4	+5.3	+5 274	1 52.4	+5 21	7.5	✓
1 47.7	+5.7	+5 262	1 47.7	+5 48	8.0	✓
1 58.2	+6.3	+6 324	1 58.2	+6 21	7.0	✓
2 44.1	-3.6	-3 453	2 44.1	-3 36	7.7 φ	✓
2 34.4	-3.9	-3 421	2 34.5	-3 50	6.3	✓
2 52.5	-3.0	-3 475	2 52.4	-3 3	6.2	✓
2 51.3	-3.4	-3 470	2 51.4	-3 22	5.5	✓
2 36.2	-3.1	-3 426	2 36.2	-3 9	6.7	✓
2 50.7	-2.9	-2 526	2 50.7	-2 55	7.9	✓
* 2 32.0	-2.7	-2 462	2 31.9	-2 32	8.0	✓
2 52.8	-2.4	-2 532	2 52.7	-2 23	7.8	✓
2 46.2	-2.2	-2 511	2 46.2	-2 14	7.8	✓
2 24.9	-1.7	-1 353	2 24.8	-1 40	5.6	✓
2 49.8	-1.2	-1 419	2 49.8	-1 9	7.5	✓
2 44.9	-1.2	-1 401	2 44.8	-1 14	8.0	✓
2 44.1	-1.3	-1 398	2 44.0	-1 16	8.0	✓
2 33.9	-1.3	-1 377	2 33.8	-1 19	6.2	✓
2 29.0	-1.3	-1 363	2 29.1	-1 16	7.7	✓
2 47.3	-0.6	-0 400	2 47.4	-0 38	6.8	✓

* BD -2° 462 superposed on BD -2° 463.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

June 27, 1893

Plate 2137

V	H	Cl.	Rem. No.	Kline	Int.
10.8	13.6	H		N	1
11.0	19.5	B	2699	N	5
11.0	23.9	A		K=H	2
11.5	10.8	A		K=H	2
11.5	11.8	H		N	1
11.6	18.3	F	2700	K=H	1
11.6	18.5	H		K=H	2
13.0	8.7	A		K=H	2
12.5	14.3	F	2701	K=H	1
12.4	14.6	E		K=H	1
12.7	15.6	F	2702	K=H	1
12.7	23.6	A		N	2
14.0	13.8	A		K=H	1
14.0	15.5	H		N	1
13.2	19.5	A		N	1
14.4	7.2	G5-I		K=H	3
14.4	10.9	E		K=H	1
14.6	11.7	A		N	3
14.5	12.7	E		K=H	1
14.2	19.1	H		N	1
14.9	23.6	I		K=H	3
15.3	20.8	F	2703	K=H	1
16.2	6.1	A		K=H	1
16.7	13.8	F	2704	K=H	2
16.2	17.5	H		N	1
16.8	17.7	A		K=0.2H	5
16.3	19.0	H		K=H	1
17.0	8.6	A		N	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R. A. 1855	Dec. 1855	Magn.
2 44.1	-0.6	-0 443	2h 44.1m	-0 31'	8.0
2 37.1	-0.3	-0 406	2 32.1	-0 18	3.7
2 23.4	-0.4	-0 378	2 23.3	-0 23	6.5
2 49.8	-0.1	-0 460	2 49.7	-0 8	7.5
2 47.8	-0.2	-0 451	2 47.8	-0 8	7.7
2 34.6	-0.1	-0 411	2 34.6	-0 4	8.1
2 34.1	-0.1	-0 410	2 34.1	-0 4	7.3
2 54.0	+0.6	+0 499	2 54.0	+0 35	8.0
2 42.8	+0.4	+0 471	2 42.9	+0 22	8.0
2 42.1	+0.3	+0 469	2 42.2	+0 19	7.3
2 40.0	+0.4	+0 459	2 40.0	+0 28	8.3
2 24.1	+0.4	+0 415	2 24.0	+0 28	7.5
2 43.8	+1.1	+1 502	2 43.8	+1 6	7.8
2 40.2	+1.1	+1 487	2 40.2	+1 6	8.2
2 32.1	+0.7	+0 442	2 32.1	+0 44	8.5
2 57.2	+1.3	+1 534	2 57.2	+1 19	6.5
2 49.9	+1.3	+1 515	2 49.7	+1 19	7.8
2 48.0	+1.4	+1 512	2 48.1	+1 27	7.8
2 46.1	+1.4	+1 509	2 46.2	+1 24	7.0
2 33.2	+1.3	+1 464	2 33.0	+1 15	8.5
2 24.1	+1.7	+1 438	2 24.0	+1 38	6.5
2 29.6	+1.8	+1 455	2 29.7	+1 48	8.2
2 59.1	+2.1	+2 478	2 59.3	+2 9	7.8
2 43.9	+2.5	+2 438	2 43.8	+2 28	8.0
2 43.9	+1.6	+1 503	2 43.8	+1 35	7.5
2 36.4	+2.2	+2 425	2 36.3	+2 12	8.3
2 35.8	+2.6	+2 422	2 35.8	+2 38	3.5
2 33.3	+2.2	+2 412	2 33.3	+2 16	7.8
2 54.3	+2.6	+2 465	2 54.8	+2 34	8.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

June 27, 1893

Plate 2137

v H Cl. Rem Kline Int.

17.9 11.0 F 2305 K=H 1
17.5 12.0 A K=H 2
19.2 20.1 E K=H 2
18.3 6.4 a N 1
18.7 8.4 ma (?) K=H 4
18.7 11.5 a N 2
18.7 15.0 a N 1
19.3 8.4 a N 3
19.6 11.1 ma N 1
19.8 16.7 a K=H 3
19.3 16.7 a N 2
21.0 8.3 a N 2
20.6 12.5 a K=H 1
20.1 19.0 a K=H 1
21.3 6.7 H K=H 2
21.5 21.5 bs K K=H 3
22.9 7.8 F 2706 K=H 1
23.0 7.9 a K=H 1
22.6 19.4 a K=H 2
23.5 13.4 a N 2
23.2 21.5 a K=H 1
24.0 21.6 a K=H 2

RA. 4h 00m Dec. +1.3

Plate 971

4.0 6.7 a N 4
4.3 13.7 a K=H 2
5.3 21.3 F 2707 K=H 4

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
2 49.5	+3.1	+3° 411	2h 49.6m	+3° 7'	7.8
2 47.4	+2.9	+2 450	2 47.6	+2 54	7.5
2 31.0	+2.8	+2 406	2 31.1	+2 48	7.2
2 58.9	+3.2	+3 431	2 58.8	+3 14	8.0
2 54.7	+3.5	+3 419	2 54.7	+3 31	2.5
2 49.5	+3.9	+3 410	2 49.5	+3 54	6.8
2 41.4	+3.6	+3 387	2 41.4	+3 29	8.0
2 54.8	+3.8	+3 420	2 54.8	+3 46	7.3
2 49.5	+3.9	+3 410	2 49.5	+3 54	6.8
2 37.8	+4.1	+4 437	2 37.8	+4 6	7.2
2 33.8	+3.8	+3 373	2 33.8	+3 48	7.2
2 55.0	+4.6	+4 486	2 55.0	+4 37	8.0
2 46.6	+4.4	+4 458	2 46.6	+4 28	7.8
2 33.4	+4.2	+4 425	2 33.4	+4 14	7.8
2 54.2	+4.8	+4 485	2 54.2	+4 46	7.0
2 28.2	+4.9	+4 418	2 28.3	+4 57	5.3
2 56.1	+5.6	+5 444	2 56.1	+5 34	8.0
2 53.8	+5.6	+5 443	2 53.8	+5 40	7.2
2 32.6	+5.5	+5 374	2 32.6	+5 30	7.0
2 45.0	+5.9	+5 406	2 45.0	+5 52	7.9
2 28.5	+5.8	+5 366	2 28.4	+5 48	8.3
2 28.1	+6.2	+6 398	2 28.2	+6 10	6.5
4 16.5	-4.1	-4 818	4 16.5	-4 5	5.5
4 2.7	-3.9	-3 696	4 2.6	-3 57	6.5
3 47.2	-3.4	-3 631	3 47.0	-3 23	5.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

June 27, 1893

Plate 971

Q H Cl Rem. Klinc Smt.

6.6	9.5	a		K=H 1
6.9	10.0	a		K=H 1
6.5	16.0	a		N 2
8.6	5.8	e		K=H 1
8.7	8.4	a		K=H 2
9.0	11.8	a		N 3
9.0	15.9	e		K=H 1
8.1	17.7	a		N 4
8.9	22.5	a		N 2
8.1	23.4	f	2708	K=H 2
8.3	23.8	e		K=H 1
10.0	15.9	f	2709	K=H 2
9.6	17.2	a		N 2
9.8	22.4	a		K=H 2
11.0	7.9	d		K=H 2
10.4	12.9	H.	b5H	K=H 1
10.5	17.2	f	2710	K=H 3
11.5	6.3	f	2711	K=H 1
11.3	10.9	f	2712	K=H 1
11.5	24.2	d		K=H 2
12.2	10.7	a		N 2
12.6	12.6	e		K=H 1
13.4	5.7	a		N 2
13.1	23.0	a		K=H 1
12.8	14.4	f	2713	K=H 1
14.8	9.3	a		K=H 1
15.0	12.3	H		N 3
14.5	15.2	e		K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855

R.A.	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
4h 11.0m	-2.8	-2° 858	4h 11.0m	-2° 46'	8.5 ✓
4 10.0	-2.6	-2 853	4 10.0	-2 38	8.9 ✓
3 57.6	-2.8	-2 798	3 57.6	-2 50	6.8 ✓
4 18.3	-1.7	-1 641	4 18.3	-1 46	7.5 ✓
4 13.0	-1.7	-1 619	4 13.2	-1 39	7.5 ✓
4 6.5	-1.6	-1 600	4 6.3	-1 31	7.5 ✓
3 57.8	-1.4	-1 581	3 57.9	-1 25	7.8 ✓
3 54.4	-1.9+	-1 572	3 54.2	-1 57	5.5 ✓
3 44.8	-1.6	-1 548	3 44.8	-1 34	7.0 ✓
3 43.0	-1.9+	-1 544	3 42.9	-1 58	7.0 ✓
3 42.0	-1.9	-1 539	3 42.0	-1 53	7.5 ✓
3 57.9	-0.9+	-0 640	3 57.9	-0 58	7.5 ✓
3 55.4	-1.2	-1 574	3 55.3	-1 12	7.2 ✓
3 44.9	-1.1	-1 549	3 44.9	-1 5	7.3 ✓
4 14.1	-0.4	-0 687	4 14.0	-0 26	6.3 ✓
4 4.1	-0.8	-0 653	4 4.2	-0 48	7.2 ✓
3 55.2	-0.7	-0 632	3 55.2	-0 40	6.2 ✓
4 13.4	-0.3	-0 685	4 13.5	-0 16	8.0 ✓
4 8.2	-0.4	-0 666	4 8.2	-0 23	7.5 ✓
3 41.4	-0.2	-0 602	3 41.2	-0 13	6.5 ✓
4 8.6	+0.1	+0 721	4 8.6	+0 5	7.5 ✓
4 4.7	+0.3	+0 710	4 4.7	+0 22	7.5 ✓
4 18.4	+0.7	+0 753	4 18.5	+0 41	8.2 ✓ *
3 43.8	+0.5	+0 664	3 43.7	+0 30	8.2 ✓
4 1.2	+0.4	+0 701	4 1.2	+0 24	8.2 ✓
4 11.5	+1.4	+1 734	4 11.5	+1 24	8.3 ✓
4 5.5	+1.6	+1 719	4 5.4 ~~5.4~~	+1 32	7.8 ✓
3 59.2	+1.3	+1 699	3 59.2	+1 17	8.2 ✓

* This star was subsequently observed on BD +0° 752

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

June 27, 1893

Plate 971

α	H	Cl.	Rem.	Kline	Int.
14.6	18.7	a			N 2
14.2	23.2	F	2714	K=H	2
16.0	7.9	F	2715	K=H	1
15.2	13.3	H			N 1
15.2	21.2	E		K=H	1
15.2	21.9	a			N 3
16.7	16.5	F	2716	K=H	3
17.2	20.4	H			N 1
17.1	7.4	a			N 1
17.2	9.1	F	2717	K=H	1
17.6	11.4	a		K=0.2H	2
17.7	14.1	F a	2718	K=H	N 3
17.2	17.1	a		K=H	2
18.8	16.8	a			N 1
18.8	17.5	a			N 2
19.2	8.1	a			N 1
19.2	11.2	a		K=0.5H	2
19.1	11.4	a			N 1
19.7	15.0	F	2719	K=H	1
20.0	6.0	H			N 1
21.2	10.4	F	2720	K=H	1
21.9	11.9	B	2720		N 4
21.0	21.4	a		K=H	1
21.4	21.6	F	2721	K=H	1
22.1	18.4	F	2723	K=H	3
22.9	17.3	a		K=0.1H	s
23.0	20.3	a			N 3
23.5	8.7	E		K=H	2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

φ Star B.D. +4°600 superposed on B.D. +4°600
× Star B.D. +4° 603 " " B.D. +4°602

R.A.	Dec.	B.D. No.	R.A. 1855	Dec. 1855	Magn.
3h 52.3m	+1.4	+1 689	3h 52.2m	+1° 22'	8.2
3 43.3	+1.1	+1 667	3 43.3	+1 7	7.0
4 14.3	+2.1	+2 692	4 14.2	+2 3	7.5
4 3.5	+1.6	+1 711	4 3.5	+1 35	9.0
3 47.1	+1.6	+1 679	3 47.2	+1 39	8.0
3 46.0	+1.7	+1 673	3 46.0	+1 41	6.7
3 56.7	+2.4	+2 645	3 56.6	+2 26	5.8
3 49.0	+2.6	+2 628	3 49.1	+2 38	7.0
4 15.4	+2.6	+2 696	4 15.4	+2 34	7.8
4 12.1	+2.7	+2 685	4 12.1	+2 38	8.0
4 7.6	+2.9	+2 667	4 7.5	+2 53	8.5
4 2.3	+2.9	+2 655	4 2.2	+2 56	7.1
*3 55.8	+2.7	+2 640	3 55.8	+2 39	7.8
3 54.5	+3.4	+3 554	3 56.6	+3 26	8.7 5.8
3 54.8	+3.4	+3 552	3 54.9	+3 26	7.7
4 14.1	+3.6	+3 592	4 14.1	+3 36	8.2
4 7.8	+3.6	+3 576	4 7.8	+3 39	8.2
4 7.5	+3.6	+3 575	4 7.5	+3 35	8.5
4 0.2	+3.9	+3 563	4 0.3	+3 54	8.6
4 18.5	+4.0	+4 691	4 18.4	+4 2	7.2
4 9.4	+4.7	+4 668	4 9.5	+4 40	8.2
3 56.1	+5.0	+5 584	3 56.1	+5 2	6.2
3 47.0	+4.5	+4 602	3 47.1	+4 31	8.5 ×
3 46.8	+4.8	+4 601	3 46.8	+4 45	8.0 φ
4 3.6	+5.2	+5 601	4 3.6	+5 9	6.0
3 55.5	+5.6	+5 581	3 55.5	+5 35	4.0
3 49.4	+5.6	+5 564	3 49.3	+5 36	7.0
4 12.9	+5.7	+5 631	4 13.0	+5 47	6.5

* BD +2° 641 superposed on BD +2° 640

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

June 27, 1893

Plate 971

G H Cl. Bun. No. Kline Int.

23.5	11.3	F	2724 K=H 2
24.5	14.3	a	N 2
24.1	22.9	a	N 3

R.A. 4h 40m Dec. +1.8°

Plate 1940

4.6	11.2	F	2725 K=H 1
5.0	15.1	a	N 2
4.3	15.6	B	2726 N H
4.1	20.2	B	2729 N 4
3.7	20.3	a	N 1
4.4	22.1	a	N 2
5.1	6.0	a	N 2
5.8	19.5	a	K=0.5H 3
6.9	8.2	a	K=H 1
6.5	9.4	a	K=0.5H 2
8.7	9.9	F	2728 K=H 2
8.3	12.0	a	K=H 1
8.9	17.2	F	2729 K=H 1
8.6	18.5	H	N 1
9.5	7.8	a	K=H 2
10.5	22.5	D	K=H 2
11.7	11.2	B	2730 N 3
11.8	16.1	B	2731 N 2
11.8	17.7	a	K=H 1
11.8	19.8	F	2732 K=H 1
12.3	7.7	H	N 1
13.0	13.3	a	K=0.2H 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A.	Dec.	B.D.	Arg.	R.A. 1855	Dec. 1855	Magn.
4h 7.7m	+5.8	+5	613	4h 7.7m	+5° 50′	8.5
		+5	614	4 7.8	+5 48	7.5 ✓
4 1.8	+6.3	+6	637	4 1.7	+6 21	7.2 ✓
3 44.3	+6.1	+6	594	3 44.8	+6 6	6.1 ✓
4 47.1	-3.5	-3	928	4 47.2	-3 28	6.6
4 39.2	-3.2	-3	884	4 39.1	-3 13	7.2
4 38.2	-3.5	-3	876	4 38.3	-3 31	3.5
4 29.2	-3.7	-3	834	4 29.1	-3 39	3.5
*4 28.8	-3.9	-3	830	4 28.8	-3 54	6.2 *
4 25.4	-3.5	-3	809	4 25.4	-3 31	5.6
4 57.7	-3.2	-3	998	4 57.7	-3 14	6.0
4 30.3	-2.8	-2	963	4 30.3	-2 46	5.1
4 53.4	-2.2	-2	1095	4 53.3	-2 17	6.5
4 51.8	-2.4	-2	1083	4 51.8	-2 22	7.8
4 49.9	-1.2	-1	762	4 ~~49.~~ 50.0	-1 18	7.3
4 45.8	-1.5	-1	743	4 45.8	-1 80	8.5
			744	4 45.8	-1 30	8.5
4 35.0	-1.2	-1	702	4 35.0	-1 13	7.5
4 32.5	-1.4	-1	689	4 32.5	-1 20	7.7
4 54.1	-0.9	-0	826	4 54.0	-0 54	7.8
4 24.5	-0.4	-0	713	4 24.5	-0 22	5.0
4 47.4	+0.2	+0	893	4 47.4	+0 14	6.2
4 37.3	+0.3	+0	884	4 37.3	+0 18	6.8
4 34.2	+0.3	+0	821	4 34.2	+0 16	8.2
*4 30.0	+0.3	+0		4	+0	
4 54.4	+0.5	+0	923	4 54.4	+0 32	6.2
4 43.3	+0.9	+0	871	4 43.8	+0 54	7.3

*BD -3° 831 evidently = in BD -3° 830. BD +0° 800 and 801.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

June 27. 1893

Plate 1741

V H Cl. Rem. No. Klinic Int.

12	6	18.0	a		K=H 1
12.	5	19.9	B	2733	N 3
12.	6	22.3	a		N 1
14.	0	7.7	a		N 2
14.	0	10.7	a		K=H 1
13.	9	11.7	a		K=03 H2
13.	4	24.3	a		N 2
14.	1	9.5	K		K=H3
15.	5	11.6	B	2734	N 5
15.	7	12.1	ma		N 1
15.	2	13.9	a		K=H 1
16.	0	14.5	E		K=H 1
16.	6	17.5	a		N 1
17.	8	7.4	a		N 1
18.	0	8.5	a		N 3
17.	3	10.3	a		N 1
17.	1	10.6	a		N 1
17.	8	14.4	a		N 1
18.	0	14.3	a		N 2
18.	0	14.5	a		N 1
18.	0	13.7	a		N 1
18.	3	18.3	a		N 2
21.	5	10.9	a		N 2
21.	7	13.3	B	2735	N 5
22.	2	15.1	a		N 2
21.	6	21.7	a		N 2
21.	4	22.8	F	2736	K=H1
22.	0	22.8	a		N 1

0h 30m

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.a. 1855.	Dec	BD. No.	R. A. 1855	Dec. 1855	Magn.
4 33.5	+0.7	+0° 817	4h 33.m5	+0° 41'	8.0
4 29.8	+0.7	+0 798	4 29.8	+0 43	6.7
4 24.9	+0.7	+0 780	4 24.9	+0 40	8.0
4 54.5	+1.4	+1 886	4 54.5	+1 23	6.5
4 48.5	+1.4	+1 857	4 48.5	+1 23	7.5
4 46.4	+1.4	+1 847	4 46.4	+1 20	7.5
4 21.0	+1.0	+1 757	4 21.0	+1 3	6.7
4 51.0	+1.5	+1 872	4 51.0	+1 30	5.0
4 46.8	+2.2	+2 810	4 46.7	+2 13	3.5
4 45.8	+2.3	+2 800	4 45.8	+2 16	6.0
4 42.0	+1.9	+1 823	4 42.0	+1 56	7.8
4 41.0	+2.5	+2 773	4 40.9	+2 28	7.2
4 34.6	+2.7	+2 751	4 34.7	+2 43	8.0
4 55.1	+3.2	+3 748	4 55.1	+3 15	8.2
4 53.0	+3.4	+3 736	4 52.9	+3 24	7.8
		+3 737	4 52.9	+3 24	7.8
4 49.4	+3.0	+3 716	4 49.4	+3 3	8.3
4 48.6	+2.9	+2 818	4 48.6	+2 57	8.2
4 41.2	+3.3	+3 681	4 41.2	+3 20	7.0
4 41.4	+3.4	+3 682	4 41.3	+3 26	7.9
4 41.1	+3.3	+3 679	4 41.1	+3 24	8.4
4 42.6	+3.4	+3 686	4 42.6	+3 26	8.2
4 53.5	+3.5	+3 739	4 53.5	+3 31	8.2
4 58.3	+5.1	+5	4	+5	
4 43.4	+5.3	+5 745	4 43.5	+5 22	4.0
4 39.4	+5.0	+5 728	4 39.6	+5 32	7.3
4 26.5	+5.2	+5 679	4 26.4	+5 15	6.0
4 24.5	+5.1	+5 674	4 24.4	+5 6	7.2
4 24.1	+5.4	+5 671	4 24.1	+5 27	7.5

* BD +2 801 [illegible] BD +2 [illegible]

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. . 5h 24m Dec. +1.°4

July 7, 1893

0h 00m

Plate 1098

V H Cl. Rein Kline Int.

4.9	10.7	a	K=H	2
5.0	15.6	E	K-H	1
5.5	12.7	B	2737	N 2
5.3	15.8	a	N 2	
5.9	19.4	a	K=H	1
6.3	9.7	a	N 1	
6.4	10.2	B	2738	N 2
6.7	11.2	B	2739	N 4
6.2	13.4	B	2740	N 2
7.0	16.9	B	2741	N 2
6.9	18.1	B	2742	N 3
7.9	10.2	B:	2743	N 3
8.0	10.6	a	N 1	
8.0	13.5	a	N 1	
7.8	14.9	a	N 1	
7.6	16.5	a	N 1	
8.7	9.0	H	N 1	
7.0	10.5	F	2744	K=H 1
9.0	11.7	a	N 1	
8.6	11.9	a	N 1	
5.9	13.5	H	N 1	
8.4	14.0	a	N 2	
8.6	14.2	B	2745	N 3
8.4	15.3	a	N 1	
8.7	19.7	a	N 1	
8.8	17.6	a	N 2	
8.8	20.6	a	N 2	
8.9	22.8	F	2746	K-H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1853

R.A.	Dec.	BD. No.	R.A. 1850	Dec. 1855	Magn.
5h 32.3m	-3.6	-3° 1166	5h 32.3m	-3° 39′	6.5
5 22.1	-3.5	-3 1116	5 22.2	-3 34	6.3
5 28.3	-3.3	-3 1146	5 28.4	-3 21	7.0
5 21.9	-3.4	-3 1115	5 21.7	-3 26	6.8
5 15.0	-3.1	-3 1075	5 14.7	-3 6	8.0
5 34.5	-2.9	-2 1346	5 34.4	-2 59	7.5
5 33.3	-2.9	-2 1337	5 33.4	-2 54	7.5
5 31.6	-2.7	-2 1326	5 31.5	-2 41	4.0
5 27.0	-3.0	-2 1296	5 27.0	-2 59	7.8
5 19.6	-2.5	-2 1250	5 19.7	-2 29	7.5
5 17.1	-2.5	-2 1235	5 17.2	-2 32	3.7
5 33.4	-2.0	-2 1338	5 33.4	-2 2	2.0
		1339	5 33.5	-2 0	9.4
5 32.6	-2.0	-2 1333	5 32.6	-2 1	8.5
5 26.9	-2.0	-2 1294	5 26.8	-2 1	8.2
5 24.0	-2.2	-2 1279	5 24.0	-2 12	8.5
5 20.4	-2.2	-2 1254	5 20.5	-2 16	8.0
5 35.8	-1.7	-1 1012	5 35.8	-1 40	7.8
5 32.8	-1.5	-1 999	5 32.8	-1 31	8.4
5 30.3	-1.5	-1 982	5 30.3	-1 32	9.1
5 29.9	-1.8	-1 979	5 29.9	-1 45	8.5
5 26.8	-1.6	-1 950	5 26.7	-1 34	7.2
5 25.8	-1.8	-1 939	5 25.8	-1 50	7.5
5 25.5	-1.7	-1 935	5 25.4	-1 42	6.0
5 22.9	-1.9	-1 918	5 22.8	-1 52	8.4
5 14.2	-1.7	-1 872	5 14.2	-1 42	7.8
5 18.4	-1.6	-1 889	5 18.3	-1 38	7.6
5 12.3	-1.5	-1 859	5 12.3	-1 34	6.5
5 8.0	-1.5	-1 837	5 8.0	-1 35	6.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 7, 1893

Plate 1098

V H Cl. Rem. No. Klinc Int.

9.6	10.2	B	2747	N 3
9.5	11.5	B	2748	N 2
9.3	12.5	B(2)	2749	N 3
9.9	13.6	B	2750	N 2
9.5	13.8	B	2751	N 3
9.6	15.5	F		K-H 2
9.1	16.8	a		N 1
9.9	18.2	G		K-H 3
10.0	18.5	F	2752	K-H 2
10.3	11.7	a		N 1
9.9	12.7	a		N 1
10.3	13.0	a		N 2
10.9	13.6	a		N 1
11.0	14.6	B(2)	2753	N 5
10.2	15.6	a		N 2
10.6	19.7	a		N 2
10.8	19.5	B	2754	N 3
10.8	19.8	B	2755	N 2
11.5	11.5	a		N 1
11.3	13.0	a		N 1
11.5	13.2	a		N 2
11.7	13.4	E		K-H 1
11.7	14.3	H		N 1
11.7	15.6	a		N 2
11.7	16.2	a		N 2
11.3	16.6	B	2756	N 2
11.6	21.5	E		K-H 1
12.5	10.1	a		K-H 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1992phac.proj.: 0025

R.A.	Dec.	BD. No.	R.A. 1855		Dec. 1855		Magn.
5h 33.5m	-1.2	+1° 1004	5h	33.5m	-1°	12	6.2
5 31.0	-1.3	-1° 987	5	30.9	-1	15	8.1
5 28.9	-1.3	-1° 969	5	28.9	-1	18	2.0
5 26.8	-1.1	-1° 949	5	26.7	-1	8	7.7
5 26.2	-1.2	-1° 943	5	26.2	-1	15	7.4
5 22.2	-1.8	-1 913	5	22.4	-1	12	5.5
5 19.8	-1.5	-1 897	5	19.8	-1	30	8.0
5 17.1	-1.0	-1 886	5	17.1	-1	2	6.0
5 16.5	-1.0	-1 882	5	16.5	-1	1	7.2
5 30.4	-0.9	-0 1031	5	30.4	-0	52	9.0
5 28.4	-1.1	-1 965	5	28.4	-1	5	8.7
		966	5	28.5	-1	5	9.6
5 27.7	-0.8	-0 1009	5	27.8	-0	50	8.3
5 26.5	-0.6	-0 996	5	26.6	-0	34	8.8
5 24.5	-0.4	-0 982	5	24.6	-0	24	8.0
		983	5	24.6	-0	25	2.0
5 22.3	-0.9	-0 970	5	22.3	-0	56	8.2
5 18.2	-0.7	-0 945	5	18.1	-0	41	7.3
5 14.5	-0.5	-0° 930	5	14.4	-0	32	4.8
5 14.1	-0.6	-0° 929	5	14.1	-0	34	6.4
5 30.8	-0.3	-0 1034	5	30.7	-0	16	8.2
		1035	5	30.7	-0	16	9.1
5 27.7	-0.4	-0 1007	5	27.7	-0	22	8.6
5 27.5	-0.2	-0 1005	5	27.5	-0	13	8.2
5 27.0	-0.1	-0 1000	5	27.1	-0	7	7.7
5 25.2	-0.1	-0 986	5	25.2	-0	6	7.5
5 22.3	-0.1	-0 969	5	22.2	-0	8	8.5
5 21.1	-0.1	-0 960	5	21.0	-0	6	7.0
5 16.3	-0.3	-0° 936	5	16.3	-0	18	6.5
5 10.7	-0.2	-0 913	5	10.6	-0	12	7.5
5 33.7	+0.3	+0 1152	5	33.6	+0	16	7.3

Rhiomagn. is not 2.0 in new Dm. cat. Instead it is "var?"

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 7, 1893

Plate 1098

G	H	Cl.	Rem. No.	Klinc	Int.
13.0	13.9	a			N 1.
12.5	15.2	a			K-H 1
12.9	14.6	B	2757		N 3
13.4	6.2	a			N 1
13.9	11.9	a			N 1
13.9	16.5	a			N 1
13.9	16.9	a			N 1
13.9	19.0	a			N 2
14.2	9.3	E			K-H 2
14.9	9.4	G2H			K-H 3
14.9	10.8	a			N 2
14.5	13.9	B	2758		N 2
15.0	15.0	a			N 1
14.9	16.3	B	2759		N 2
14.2	16.3	a			N 1
14.2	16.9	B	2760		N 3
15.2	6.9	F	2761	K-H	2
15.2	15.9	B	2762		N 3
16.0	16.3	a			N 2
15.9	15.9	a			N 1
15.5	18.1	a			N 1
15.3	18.3	B			N 4
15.8	18.8	F	2763	K-H	2
15.1	19.2	a			N 1
15.5	22.4	a			N 3
15.5	24.0	a		K-H	2
16.5	9.9	B	2764		N 2
17.0	14.6	E		K-H	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.a. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
		+0 1113	5h 26.0m	+0° 31′	8.6
5 23.1	+0.2	+0 1098	5 23.1	+0 15	8.1
5 18.3	+0.4	+0 1056	5 18.4	+0 23	7.0
5 41.4	+0.7	+0 1184	5 41.3	+0 41	7.5
5 30.5	+0.9	+0 +0	1138&1140	+0	
5 20.5	+0.9	+0 1082	5 20.4	+0 39	8.7
5 20.2	+0.9	+0 1078	5 20.1	+0 39	8.5
5 15.6	+0.9	+0 1035	5 15.6	+0 55	7.9
5 39.1	+1.1	+1 1126	5 39.1	+1 7	6.5
5 35.0	+1.4	+1 1105	5 35.0	+1 24	5.7
5 32.3	+1.4	+1 1088	5 32.3	+1 25	7.8
5 26.5	+1.3	+1 1058	5 26.4	+1 19	7.2
5 24.0	+1.6	+1 1045	5 24.0	+1 35	8.2
5 21.2	+1.5	+1 1026	5 21.3	+1 31	7.9
5 21.0	+1.1	+1 1025	5 21.2	+1 6	8.3
5 20.5	+1.2	+1 1021	5 20.5	+1 11	7.2
5 40.8	+1.5	+1 1137	5 40.7	+1 34	8.3
5 22.4	+1.7	+1 1032	5 22.4	+1 39	7.2
5 21.2	+2.0	+2 974	5 21.3	+2 2	8.0
5 22.4	+2.0	+1 1033	5 22.4	+1 60	9.1
5 17.8	+1.8	+1 1009	5 17.7	+1 47	8.7
5 17.2	+1.7	+1 1005	5 17.2	+1 42	5.0
5 16.3	+1.9	+1 996	5 16.3	+1 57	8.2
5 15.5	+1.5	+1 991	5 15.5	+1 33	8.7
5 9.2	+1.8	+1 957	5 9.2	+1 48	6.8
5 6.0	+1.8	+1 938	5 6.0	+1 47	6.8
5 34.7	+2.3	+2 1040	5 34.8	+2 19	7.8
5 24.9	+2.5	+2 992	5 24.9	+2 32	8.3

*BD +1° 1136 overlooked on BD +1° 1137

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 7. 1893

Plate 1098

h	m	h	m				
16	3	17	1	C		K=H	1
16	3	18	4	B	2766	N	3
16	7	20	4	H		K=H	1
16	7	20	8	F	2767	K=H	1
16	7	21	1	F	2768	K=H	3
17	5	11	5	a		N	1
17	8	13	9	F	2769	K=H	1
18	0	14	3	a		N	1
17	3	15	0	a		N	2
17	9	16	0	a		N	2
17	7	17	3	B	2770	N	4
17	5	17	5	a		N	2
17	2	19	4	a		N	2
17	6	19	5	a		N	1
17	4	20	3	a		K=H	2
17	2	24	1	K		K=H	3
19	0	13	8	a		K=0.2	H3
18	7	16	7	a		N	1
18	8	17	3	a		N	2
18	6	19	3	B	2771	N	4
20	0	7	2	a		N	1
19	8	8	4	a		K=H	2
19	5	8	6	a		N	1
19	9	11	4	B	2772	N	4
20	0	15	6	H		K=H	1
19	3	17	2	B	2773	N	2
19	6	20	1	B	2774	N	2
20	5	16	7	a		N	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.882F

R.A. 1855.	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
5h 19.8m	+2.2	+2° 965	5h 19.7m	+2° 13'	6.9
5 17.1	+2.2	+2 947	5 17.1	+2 13	7.4
5 13.2	+2.4	+2 924	5 13.2	+2 24	7.2
5 12.2	+2.3	+2 920	5 12.3	+2 22	8.0
5 11.5	+2.5	+2 916	5 11.6	+2 27	6.1
5 31.3	+2.8	+2 1028	5 31.3	+2 46	8.4
5 26.4	+2.9	+2 1003	5 26.5	+2 58	8.6
5 25.5	+3.0	+3 958	5 25.6	+2 2	8.1
5 24.1	+2.7	+2 986	5 24.1	+2 44	8.1
5 22.0	+3.0	+3 928	5 22.0	+3 1	7.8
5 19.2	+2.9	+2 962	5 19.3	+2 58	5.3
5 18.8	+2.8	+2 961	5 18.9	+2 48	7.6
5 15.2	+2.7	+2 936	5 15.2	+2 39	7.6
5 14.0	+2.8	+2 933	5 14.9	+2 50	8.3
5 13.3	+2.8	+2 926	5 13.3	+2 47	7.3
5 5.8	+2.7	+2 888	5 5.7	+2 40	4.8
5 26.6	+2.7	+2 964	5 26.7	+3 40	6.2
5 20.4	+3.4	+3 910	5 20.5	+3 24	8.0
5 19.3	+3.5	+3 901	5 19.3	+3 29	8.0
5 15.2	+3.4	+3 871	5 15.2	+3 24	5.3
		~~+3 872~~	~~5 15.2~~	~~+3 28~~	~~7.5~~
5 39.8	+4.0	+4 1038	5 39.8	+4 2	7.5
5 37.5	+3.9	+3 1025	5 37.4	+3 66	7.0
5 37.2	+3.7	+3 1022	5 37.1	+3 46	7.8
5 31.3	+4.0	+4 1002	5 31.6	+4 2	5.0
5 22.6	+4.1	+4 949	5 22.7	+4 5	7.4
5 19.5	+3.7	+3 903	5 19.5	+3 42	7.2
5 13.7	+3.8	+3 857	5 13.7	+3 61	7.3
5 36.9	+4.3	+4 1025	36.8	+4 16	8.0

Oct 1899 H. compared this with chart pl. B 2561 & the 7.5 in 2h 51m does not affect the brighter star in pl. 1098

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

Plate 1098

V	H	Cl.	Rem.	No.	Klinc	Int.
21.0	12.9	a				N 1
21.0	15.3	a				N 1
19.8	17.4	E			K=1H	1
20.6	20.3	a				N 1
21.4	6.7	a				N 1
21.7	10.0	a				N 1
21.9	10.6	H				N 1
21.6	11.8	a				N 1
21.2	12.4	a				N 1
21.9	23.5	H			K=H	2
22.5	9.3	a				N 2
23.0	13.7	B	2775			N 2
22.2	15.0	E			K=H	1
22.9	17.1	a				N 1
22.2	19.1	a				N 3
22.4	19.8	E			K=H	1
23.5	15.5	B	2776			N 4
23.6	16.5	a				N 1
24.2	18.3	B(2)	2777			N 5
24.5	8.3	a				N 1
24.5	8.5	a				N 1

h m
0 40

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855.	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
5h 28.5m	+4.5	+4.983	5 28.5	+4 32	8.0
5 23.3	+4.5	+4 953	5 23.3	+4 33	8.5
5 19.0	+4.0	+4 899	5 19.1	+3 57	7.8
5 13.4	+4.3	+4 905	5 13.4	+4 20	8.7
5 40.6	+4.7	+4 1046	5 40.8	+4 39	7.9
5 34.1	+4.9	+4 1012	5 34.2	+4 54	8.2
5 33.2	+5.0	+4 1007	5 33.0	+4 60	7.6
5 30.4	+4.8	+4 995	5 30.6	+4 51	8.3
5 29.6	+4.7	+4 989	5 29.5	+4 40	8.0
5 7.2	+5.0	+4 877	5 7.0	+4 59	6.0
5 35.6	+5.3	+5 1001	5 35.7	+5 17	8.0
		+5 958	5 27.0	+5 34	7.3
~~5 28.8~~	~~+5.3~~	~~+5 968~~	~~5 28.8~~	~~+5 26~~	~~9.0~~ ?
5 24.1	+5.2	+5 948	5 24.0	+5 12	8.0
5 19.7	+5.3	+5 926	5 19.8	+5 28	8.7
5 15.8	+5.2	+5 905	5 15.8	+5 10	7.0
5 14.4	+5.3	+5 899	5 14.5	+5 15	7.5
5 23.0	+5.8	+5 939	5 23.0	+5 50	6.5
5 21.0	+5.9	+5 932	5 21.1	+5 53	8.5
5 17.5	+6.2	+6 919	5 17.4	+6 13	2.0
5 37.8	+6.2	+6 1014	5 37.6	+6 13	7.4
5 37.3	+6.3	+6 1012	5 37.2	+6 16	7.3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.882F

R.A. 6h 00m Dec. +1.4°

July 9 1893

Plate 1082

23.4.0

S. H.	Cl.	Bem. No.	K-line	Int.
4.5	11.9	G	K=H	1
3.7	15.3	a	H	3
3.7	21.4	a	H	2
5.2	7.3	a	H	1
5.5	7.3	a	H	2
6.0	8.9	Ma	H	2
5.2	15.2	a	H	2
5.5	18.7	G5	K=H	3
6.2	6.1	a	H	2
6.3	10.8	a	H	1
6.9	12.5	a	H	2
6.9	17.1	a	H	2
7.0	22.6	F 2778	K=H	1
7.9	8.8	a	H	1
7.5	12.1	a	K=H	1
8.0	13.4	a	H	1
7.9	14.8	F 2779	K=H	1
7.8	15.1	F 2780	K=H	1
7.9	21.2	a	K=H	1
9.0	5.6	a	H	3
8.8	16.4	a	H	2
8.8	19.0	a	H	2
9.2	6.7	a	H	2
9.5	8.3	a	H	1
9.3	8.6	a	H	1
9.3	8.7	a	H	1
9.8	12.1	a	H	1
9.3	12.6	a	H	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
6h 6.7m	-3.7	-3° 1345	6h 6.7m	-3° 42'	6.5
5 59.3	-4.2	-4 1362	5 59.5	-4 11	6.0
5 47.4	-4.1	-4 1281	5 47.4	-4 6	7.0
6 15.9	-3.5	-3 1414	6 15.9	-3 27	7.8
6 15.8	-3.2	-3 1413	6 15.8	-3 12	7.2
~~6 12.9~~	-2.9	-2 1564	6 12.7	-2 52	5.5
5 59.7	-3.3	-3 1297	5 59.7	-3 19	7.0
5 52.9	-3.1	-3 1256	5 52.8	-3 5	5.7
6 18.3	-2.9	-2 1601	6 18.3	-2 54	7.0
6 8.9	-2.9	-2 1534	6 8.9	-2 51	8.1
6 5.5	-2.5	-2 1512	6 5.5	-2 28	7.0
5 56.0	-2.5	-2 1458	5 56.0	-2 29	7.5
5 45.1	-2.4	-2 1395	5 45.2	-2 20	7.8
6 13.0	-2.0				
6 6.3	-2.2	-2 1515	6 6.3	-2 13	7.9
6 3.8	-1.9	-1 1137	6 3.8	-1 51	8.3
~~6 4.0~~	~~-1.9~~				
~~5 47.8~~	~~-1.96~~	-1 1121	6 1.0	-1 56	8.7
6 0.1	-1.9	-1 1114	6 0.0	-1 56	8.6
5 47.8	-1.94	-1 1060	5 47.8	-1 58	8.2
6 19.3	-1.4	-1 1242	6 19.3	-1 25	6.5
5 57.3	-1.5	-1 1104	6 5 57.4	-1 34	7.4
5 52.3	-1.5	-1 1083	5 52.3	-1 26	7.4
6 17.1	-1.4	-1 1231	6 17.2	-1 21	7.2
6 14.0	-1.1	-1 1207	6 14.0	-1 10	8.0
6 13.1	-1.3	-1 1201			
6 12.9	-1.2	v. 1198			
6 6.5	-1.0	-1 1156	6 6.5	-1 2	8.5
6 5.4	-1.3	-1 1147	6 5.3	-1 19	8.4

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.882F

July 9, 1893.

Plate 1082

Q H Cl. Rem. No. Klum Int.

9.3	13.0	a		N	1
9.8	15.6	F	2781	K=H	1
9.7	19.7	H		K=H	1
9.4	20.4	a		N	1
10.5	5.7	a		N	2
10.1	6.3	F	2782	K=H	2
10.8	11.2	F	2783	K=H	2
10.4	18.6	a		N	1
10.7	18.8	a		N	1
11.9	10.9	a		N	1
11.7	20.1	a		N	2
12.3	10.0	a		N	1
12.7	19.5	a		K=1	4
12.4	20.2	a		K=H	1
13.7	5.6	a		N	2
13.6	6.1	L		K=H	1
13.9	10.9	a		N	2
13.6	11.0	a		N	1
14.0	11.1	F	2784	K=H	2
13.5	11.3	a		N	1
13.1	12.4	a		K=H	1
13.8	14.2	a		N	1
13.8	17.7	a		N	1
14.0	20.0	H		K=H	1
13.3	20.9	a		N	2
13.5	21.6	K		K=H	1
14.9	6.4	a		N	2
14.7	15.3	F	2785	K=H	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
6h 4.6m	-1.3	-1° 1143	6h 4.6m	-1° 18'	8.1
5 59.0	-0.9	-0 1172	5 59.1	-0 58	8.0
5 50.8	-1.0	-1 1078	5 50.8	-1 1	6.9
5 49.5	-1.2	-1 1073	5 49.5	-1 11	8.4
6 19.1	-0.7	-0 1292	6 19.0	-0 42	7.9
6 17.8	-0.9	-0 1287	6 17.9	-0 52	6.4
6 8.2	-0.5	-0 1234	6 8.2	-0 28	6.5
5 53.1	-0.7	-0 1138	5 53.0	-0 42	8.6
5 52.8	-0.5	-0 1137	5 52.7	-0 31	8.0
6 8.8	+0.1	+0 1354	6 8.8	+0 3	7.8
5 50.0	+0.0	+0 1227	5 50.0	+0 0	8.1
6 10.5	+0.3	+0 1370	6 10.5	+0 17	8.0
5 51.4	+0.5	+0 1239	5 51.4	+0 32	5.7
*5 50.0	+0.3	+0 1230	5 50.0	+0 23	9.0
6 19.5	+0.9	+0 1421	6 19.5	+0 55	7.6
6 18.4	+0.9	+0 1414	6 18.4	+0 53	7.5
6 9.0	+1.1	+1 1278	6 8.9	+1 7	7.0
6 8.6	+0.9	+0 1352	6 8.6	+0 55	8.4
6 8.4	+1.2	+1 1275	6 8.4	+1 18	6.5
		1276	6 8.5	+1 14	9.3
6 8.1	+0.9	+0 1349	6 8.1	+0 52	7.8
6 5.8	+0.6	+0 1328	6 5.8	+0 37	8.5
6 2.2	+1.0	+1 1235	6 2.3	+1 0	8.2
5 55.0	+1.1	+1 1197	5 55.2	+1 6	8.7
5 50.4	+1.2	+1 1168	5 50.4	+1 12	7.2
5 48.5	+0.8	+0 1218	5 48.5	+0 48	7.9
5 47.2	+0.9	+0 1208	5 47.3	+0 56	7.0
6 17.8	+1.6	+1 1332	6 17.8	+1 35	7.6
5 59.8	+1.5	+1 1118	5 59.7	+1 31	8.1

*BD +0° 1229 published as BD +0° 1230.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.1802F

July. 9, 1893.

Plate 1082

D H Cl. Rem. Klinc Int.

14.9	17.8	a	N	3
15.4	10.3	a	N	1
16.0	15.5	a	N	2
16.0	16.4	a	N	1
15.8	16.8	a	N	1
15.1	18.0	a	N	1
15.6	18.5	a	N	1
15.2	19.7	a	K=.8	3
15.3	19.9	a	K=H	2
15.2	22.8	G5d	K=H	3
15.6	23.7	F 2786	K=H	2
16.5	6.2	a	N	2
16.3	8.4	a	K=.5	2
16.3	11.8	a	N	2
16.9	12.1	a	N	1
16.7	13.3	a	N	1
16.6	14.7	a	K=.2	3
18.0	11.1	a	N	1
17.5	14.0	a	N	2
17.4	14.2	G	K=H	1
17.8	15.3	a	N	1
17.3	17.0	a	N	2
17.4	18.2	a	N	2
18.0	18.2	a	N	2
17.4	18.6	G	K=H	1
18.0	21.9	K	K=H	1
18.7	12.7	a	N	1
18.3	14.1	H	N	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj..882F

1855.

R.A.	Dec.	BD. No.	R. A. 1855	Dec. 1855	Magn.
5h 54.8m	+1.7	+1° 1195	5h 54.8m	+1° 41′	7.4
6 10.1	+1.8	+1 1290	6 10.1	+1 50	8.4
5 39.4	+2.2	+2 1132	5 59.4	+2 12	8.0
5 57.5	+2.1	+2 1126	5 57.5	+2 7	8.4
5 56.9	+2.1	+2 1120	56.8	+2 5	9.1
5 54.6	+1.8	+1 1191	5 54.6	+1 45	8.7
5 53.4	+2.0	+2 1184	5 53.5	+1 59	8.7
5 51.0	+1.8	+1 1171	5 50.9	+1 49	6.5
5 50.7	+1.8	+1 1170	5 50.7	+1 51	8.2
5 44.9	+1.8	+1 1151	5 44.9	+1 49	5.8
5 42.9	+2.0	+1 1148	5 43.9	+1 58	7.7
6 18.2	+2.4	+2 1227	6 18.2	+2 21	6.9
6 13.9	+2.3	+2 1197	6 13.9	+2 20	7.0
6 7.1	+2.3	+2 1171	6 7.1	+2 20	7.5
6 6.6	+2.6	+2 1165	6 6.6	+2 37	8.2
6 4.2	+2.5	+2 1152	6 4.2	+2 30	8.3
6 1.4	+2.5	+2 1139	6 1.4	+2 32	6.5 ?
6 8.5	+3.1	+3 1185	6 8.5	+3 8	8.3
6 2.7	+2.9	+2 1147	6 2.8	+2 56	7.7
6 2.2	+2.9	+2 1144	6 2.2	+2 54	7.5
5 59.7	+3.1	+3 1128	5 59.8	+3 7	8.0
5 56.4	+2.9	+2 1118	5 56.4	+2 52	7.8
5 53.9	+2.9	+2 1111	5 53.9	+2 54	7.8
5 53.8	+3.2	+3 1104	5 53.9	+3 11	7.6
		+3 1105	5 53.9	+3 10	9.4
5 53.2	+2.9	+2 1106	5 53.2	+2 54	7.6
5 46.7	+3.2	+3 1071	5 46.6	+3 12	6.3
6 5.5	+3.5	+3 1164	6 5.5	+3 32	7.8
6 2.6	+3.4	+3 1145	6 2.5	+3 20	8.2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July, 9, 1893

Plate 1082

				No.	
9 H	Cl.	Rem.	Kline	Int.	
18.4	15.0	a		H	1
18.4	15.1	Hδ		H	1
19.4	7.6	a		H	2
19.6	11.5	a		H	2
19.5	11.6	a		H	1
19.4	11.7	a		H	1
19.5	12.1	a		H	1
19.5	13.9	F	2787	K=H	1
19.9	16.6	G		K=H	2
19.5	19.1	a		H	2
20.9	6.3	a		K=H	1
20.3	7.0	a		H	1
20.9	7.4	a		K=H	4
20.2	7.9	a		H	2
20.3	11.4	B	2788	H	2
20.8	12.0	Hδ		H	1
21.0	13.2	a		H	1
21.0	14.5	a		H	1
20.2	17.3	a		K=H	1
20.3	24.0	Hδ		H	1
21.7	6.8	F	2789	K=H	1
21.9	10.7	F	2790	K=H	2
22.0	11.2	a		H	2
21.5	15.0	a		H	1
22.4	16.6	G5d		K=H	2
23.9	11.5	a		H	3
23.2	16.2	a		H	1
23.3	21.7	a		H	2

2400

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.	
6 1.1	+3.4	+3 1138	6h 1.1m	+3° 27′	8.5	
6 0.7	+3.4	+3 1133	6 0.7	+3 25	8.2	
6 15.6	+3.8	+3 1221	6 15.7	+3 50	7.5	
6 7.9	+4.0	+3 1180	6 7.9	+3 60	7.7	
6 7.4	+3.9	+3 1177	6 7.4	+3 50	8.6	N. 1178
6 7.3	+3.8	+3 1178	6 7.5	+3 56	8.7	S 1177
6 6.6	+3.9	+3 1170	6 6.6	+3 56	8.0	
6 2.9	+3.9	+3 1147	6 3.0	+3 54	8.4	
5 57.4	+4.2	+4 1116	5 57.3	+4 10	6.0	
5 52.3	+4.0	+3 1093	5 52.2	+3 59	8.0	
6 18.4	+4.5	+4 1252	6 18.3	+4 30	8.5	
6 16.9	+4.3	+4 1240	6 16.9	+4 16	7.8	
6 16.1	+4.7	+4 1236	6 16.1	+4 40	4.9	
		+4 1237	6 16.1	+4 40	8.2	
6 15.0	+4.3	+4 1229	6 15.1	+4 17	7.5	
6 8.0	+4.3	+4 1181	6 8.1	+4 20	7.0	
6 6.8	+4.6	+4 1174	6 6.8	+4 35	7.8	
6 4.5	+4.7	+4 1163	6 4.5	+4 42	8.1	
6 2.0	+4.7	+4 1141	6 1.9	+4 44	8.2	
5 55.9	+4.3	+4 1110	5 56.0	+4 19	8.4	
5 42.5	+4.4	+4 1052	5 42.6	+4 23	6.0	
6 17.1	+4.9	+4 1242	6 17.2	+4 57	8.2	
6 9.6	+5.1	+5 1168	6 9.6	+5 9	6.5	
6 8.5	+5.1	+ 1156	6 8.5	+5 9	7.5	
*6 0.6	+4.9	+4 1132	6 0.5	+4 56	8.5	
5 57.2	+5.4	+5 1085	5 57.2	+5 26	6.4	
6 7.9	+6.1	+ 1172	6 7.9	+6 6	7.3	
5 58.1	+5.8	+5 1089	5 58.1	+5 45	8.0	
5 47.1	+5.8	+5 1044	5 47.2	+5 50	7.1	

*BD +4° 1131 reduced to BD +4° 1132.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.a. 6h 39m Dec. +1.5

July 9d, 1893.

1h 00m

Plate 1148

V H Cl. Rem. Klinkerfues Int.

3.8	6.9	a		N	4
5.0	12.8	a		N	1
4.3	17.0	a		N	1
6.5	11.0	H6		K=H	1
6.2	12.9	a		N	1
6.8	19.2	H6		N	1
7.7	12.6	E		K=H	1
7.4	13.9	a		N	3
7.1	16.1	a		N	1
7.2	18.3	a		N	1
7.5	19.8	a		N	2
8.8	10.6	a		N	1
8.4	11.2	F	2791	K=H	2
8.1	12.8	a		N	1
9.3	7.6	H6		K=H	1
9.4	9.8	a		N	1
9.6	11.3	a		K=3	4
9.3	13.7	a		N	1
9.2	14.4	a		K=H	3
9.1	15.6	a		N	1
9.9	15.8	a		N	1
9.2	16.6	a		N	2
9.1	18.5	H6		N	1
9.7	20.5	a		K=H	1
9.3	21.6	B	2792	N	3
10.9	6.6	a		N	1
10.6	8.1	a		N	1
10.7	13.1	F	2793	K=H	3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
6h 55.8m	-4.0	-4 1788	6	55.7 -4 2	5.0
6 44.1	-3.4	-3 1620	6	44.1 -3 20	8.0
6 35.4	-3.7	-3 1560	6	35.4 -3 42	7.7
6 47.8	-2.6	-2 1827	6	47.7 -2 37	6.3
		1828	6	47.8 -2 37	9.3
6 43.9	-2.8	-2 1794	6	43.9 -2 47	8.2
		1793	6	43.9 -2 48	9.5
6 31.0	-2.4	-2 1691	6	31.1 -2 25	6.4
6 44.5	-2.0	-2 1801	6	44.6 -2 0	7.7
6 42.0	-2.1	-2 1776	6	42.0 -2 7	6.1
6 37.2	-2.3	-2 1741	6	37.1 -2 17	8.5
6 32.9	-2.2	-2 1704	6	32.8 -2 14	7.8
6 29.9	-1.1				
6 48.6	-1.4	-1 1459	6	48.6 -1 24	7.9
6 47.2	-1.6	-1 1446	6	47.4 -1 35	6.7
6 44.0	-1.8	-1 1409	6	44.0 -1 48	8.5
6 52.4	-1.2				
6 50.0	-1.8	-1 1472	6	50.0 -1 6	9.0
6 47.0	-0.9	-0 1487	6	47.1 -0 57	6.4
6 42.4	-1.2	-1 1395	6	42.4 -1 10	8.0
6 40.1	-1.2	-1 1378	6	40.0 -1 9	8.8
6 38.2	-1.3	-1 1364	6	38.2 -1 17	8.7
6 38.7	-0.9	-0 1416	6	37.8 -0 52	8.0
6 36.3	-1.2	-1 1349	6	36.3 -1 13	7.8
6 32.4	-1.2	-1 1318	6	32.4 -1 15	7.7
6 28.4	-0.9	-0 1355	6	28.4 -0 59	8.6
6 26.3	-1.1	-1 1274	6	26.3 -1 6	5.9
6 56.3	-0.4	-0 1571	6	56.3 -0 21	7.7
6 53.6	-0.5	-0 1542	6	53.6 -0 28	8.3
6 43.4	-0.4	-0 1462	6	43.5 -0 22	6.7

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 9, 10, 1893

Plate 1148

α	δ	Cl.	Rem.	Klum	Int.
10.4	15.5	a		N	2
11.7	15.8	F	2794	K=H	2
11.2	21.6	a		N	1
11.9	24.0	a		N	3
12.7	6.9	a		N	2
12.2	8.4	a		K=H	1
12.7	9.5	a		N	1
12.6	12.7	F	2795	K=H	1
12.1	13.5	b		K=H	1
12.4	14.5	b		K=H	1
12.5	14.7	a		K=,5	2
13.0	16.1	a		K=H	1
12.7	17.9	a		N	3
12.8	19.5	a		N	2
13.1	8.0	a		N	1
13.4	11.7	a		N	1
14.0	12.3	a		N	1
14.0	13.1	F	2796	K=H	1
13.7	14.1	B	2797	N	3
13.2	14.9	a		K=H	1
13.3	15.3	a		N	1
13.6	17.7	a		N	2
13.4	19.2	a		N	1
13.8	20.1	a		N	1
13.5	20.8	B	2798	N	3
14.9	6.5	a		N	2
14.9	9.8	a		N	1
14.7	11.7	a		K=H	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.a 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
6h 38.3m	-0.6	-0° 1421	6h 38.5m	-0° 34′	7.6
6 37.8	+0.1	+0 1580	6 37.8	+0 6	7.8
6 26.3	-0.2	-0 1336	6 26.3	-0 10	8.4
6 21.5	+0.2	+0 1437	6 21.5	+0 13	7.9
6 55.9	+0.3	+0 1776	6 56.0	+0 33	8.2
6 52.8	+0.3	+0 1750	6 52.8	+0 17	8.3
6 50.5	+0.6	+0 1737	6 50.6	+0 34	8.2
6					
6 42.8	+0.3	+0 1637	6 42.8	+0 18	8.5
6 40.9	+0.4	+0 1610	6 40.8	+0 27	8.2
6 40.4	+0.5	+0 1604	6 40.3	+0 30	7.6
6 37.2	+0.7	+0 1574	6 37.2	+0 44	8.0
6 33.7	+0.6	+0 1546	6 33.6	+0 37	6.5
6 30.4	+0.6	+0 1512	6 30.4	+0 38	7.7
6 53.7	+0.8	+0 1758	6 53.7	+0 45	8.3
6 46.3	+0.9	+0 1685	6 46.3	+0 54	8.5
6 45.1	+1.3	+1 1567	6 45.1	+1 16	8.7
* 6 43.6	+1.3	+1 1546	6 43.6	+1 17	9.2
6 41.7	+1.1	+1 1531	6 41.6	+1 10	7.0
6 ~~38.8~~	+				
6 38.8	+0.9	+0 1587	6 38.7	+0 54	8.3
6 34.0	+1.1	+1 14656	6 34.0	+1 5	8.0
6 31.0	+0.9	+0 1517	6 31.0	+0 56	8.6
6 29.1	+1.2	+1 1420	6 29.1	+1 10	8.3
6 27.8	+1.0	+1 1491	6 27.8	+0 60	6.6
6 56.9	+1.7	+ 1663	6 56.8	+1 43	8.8
		+ 1665	6 56.8	+1 42	6.8
6 50.2	+1.7	+ 16106	6 50.2	+1 41	8.2

* RD +1° 1547 estimated for BD +1° 1546

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July, 2, 1893

Plate 1148

V	H	Cl.	Rem.	No.	Kline	Int
14.9	19.1	a		2799	N	3
14.4	23.5	a			N	1
15.7	8.4	a			N	3
16.0	13.0	a			N	1
15.2	17.1	a			N	1
15.4	19.7	a			N	2
15.8	19.7	a			N	1
15.3	21.0	a			N	2
15.1	21.2	a			N	2
15.1	21.4	a			N	1
15.7	22.7	a			N	2
15.5	24.4	a			N	2
16.5	9.7	a			K=H	1
17.0	12.9	F		2800	K=H	1
16.5	14.8	K			K=H	4
16.7	15.6	a			N	1
16.8	18.3	a			N	1
16.2	19.6	a			N	2
16.9	24.0	H			N	1
17.6	9.9	a			K=H	1
17.8	12.9	a			K=1	3
17.1	15.4	a			N	1
18.0	16.3	L			K=H	1
17.8	17.0	H			K=H	1
17.4	17.3	a			N	2
17.6	19.2	a			N	1
17.4	21.5	a			K=H	2
17.5	22.9	L			K=H	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.		R.A. 1855		Dec. 1855		Magn.
6h 31.7	+1.7	+1	1443	6	31.1	+1	44	6.8
6 22.5	+1.4	+1	1370	6	22.5	+1	25	8.7
6 52.9	+2.1	+2	1502	6	52.9	+2	8	7.8
6 43.8	+2.3	+2	1432	6	43.7	+2	18	8.3
6 35.2	+1.8	+1	1472	6	35.2	+1	51	8.1
			1473	6	35.2	+1	51	8.9
6 30.1	+1.9	+1	1430	6	30.1	+1	56	9.3
			1431	6	30.1	+1	56	8.2
6 30.2	+2.2	+2	1318	6	30.2	+2	13	8.2
6 27.5	+1.9	+1	1402	6	27.5	+1	56	8.3
6 27.1	+1.8	+1	1400	6	27.1	+1	50	8.3
6 26.5	+1.8	+1	1395	6	26.6	+1	45	8.7
6 24.3	+2.1	+2	1273	6	24.2	+2	7	7.8
6 20.8	+2.0	+2	1244	6	20.7	+2	0	7.1
6 50.4	+2.5	+2	1483	6	50.4	+2	29	8.0
6 44.0	+2.8	+2	1437	6	44.0	+2	49	7.0
6 40.3	+2.6	+2	1397	6	40.3	+2	34	4.9
6 38.3	+2.7	+2	1379	6	38.3	+2	39	7.8
6 32.8	+2.7	+2	1344	6	32.8	+2	41	8.0
6 30.3	+2.4	+2	1323	6	30.3	+2	23	7.5
6 22.7	+2.7	+2		6		+2		
6 49.9	+3.1	+3	1477	6	49.9	+3	4	8.1
6 44.0	+3.2	+3	1437	6	44.1	+3	13	7.0
6 38.6	+2.8	+2	1380	6	38.6	+2	48	8.3
6 36.9	+3.3	+3	1379	6	36.8	+3	17	7.6
6 35.5	+3.2	+3	1371	6	35.5	+3	10	7.0
6 34.7	+3.0	+3	1362	6	34.8	+3	1	8.0
6 31.0	+3.0	+3	1333	6	31.0	+3	3	8.5
6 26.5	+3.0	+3	1303	6	26.6	+3	1	7.5
6 23.7	+3.0	+3	1279	6	23.8	+3	0	8.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 9, 1893

Plate 1148.

D H Cl. Rem. Kline Int.

18.4	7.1	a		N	1
18.6	8.8	F	2801	K=H	1
19.0	9.2	G	5H6	K=H	2
19.0	16.1	F	2802	K=H	1
18.2	17.5	a		K=.2	2
19.5	16.7	B	2803	N	3
19.5	19.0	a		N	1
19.6	20.9	a		N	1
20.9	15.8	a		N	2
20.1	16.1	H6		N	1
21.0	19.2	a		N	3
20.2	19.6	a		N	2
20.6	20.6	a		N	3
20.4	23.4	a		N	2
20.2	23.9	a		N	1
21.1	6.5	a		N	1
21.5	7.9	a		N	2
21.9	12.9	a		N	2
22.0	16.0	a		N	1
21.6	17.8	a		N	1
21.5	19.7	a	2804	N	3
21.3	7 24	K		K=H	2
23.0	7.8	a		N	2
22.6	11.2	a		N	1
22.1	11.7	a		N	1
23.0	13.7	a		K=H	2
22.7	20.1	F	2805	K=H	1
23.8	16.6	a		N	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
6h 55.6m	+3.4	+3°1522	6h 55.5m	+3° 26'	8.3
6 52.1	+3.5	+3 1494	6 52.1	+3 33	8.6
6 53.3	+3.2	+3			
6 37.2	+3.8	+3. 1382	6 37.2	+3 49	8.0
6 34.5	+3.4	+3 1359	6 34.5	+3 23	7.3
6 36.0	+4.1	+4 1414	6 36.0	+4 4	6.4
6 31.4	+4.1	+4 1366	6 31.4	+4 4	8.4
6 27.6	+4.1	+4 1331	6 27.6	+4 5	8.3
6 37.9	+4.8	+4 1429	6 37.9	+4 44	8.0
6 37.4	+4.4	+4 1423	6 37.3	+4 23	8.3
6 31.1	+4.8	+4 1365	6 31.1	+4 50	7.5
6 30.3	+4.4	+4 1355	6 30.3	+4 23	8.5
6 28.3	+4.6	+4 1335	6 28.3	+4 37	7.5
6 22.7	+4.4	+4 1282	6 22.8	+4 26	8.2
6 21.7	+4.3	+4 1274	6 21.8	+4 21	8.2
6 56.7	+4.8	+4 1567	6 56.7	+4 47	8.2
6 54.0	+5.0	+5 1513	6 54.0	+5 1	7.0
6 44.1	+5.2	+5 1448	6 44.1	+5 16	7.2
6 37.5	+5.4	+5 1394	6 37.5	+5 22	7.8
6 33.9	+5.1	+5 1366	6 33.9	+5 5	8.5
6 30.2	+5.2	+5 1334	6 30.2	+5 5	7.0
6 24.8	+4.9	+4 1304	6 24.6	+4 56	7.0
6 54.3	+5.8	+5 1514	6 54.2	+5 46	7.0
6 47.5	+5.6	+5 1472	6 47.5	+5 37	8.3
6 46.6	+5.3	+5 1465	6 46.6	+5 18	8.1
*6 42.5	+5.8	+5 1434	6 42.5	+5 50	7.5
6 29.3	+5.7	+5 1326	6 29.3	+5 38	7.8
6 48.7	+6.2	+6 1443	6 48.7	+6 12	8.5

*BD +5° 1435 substituted for BD +5° 1434

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 9, 1893.

Plate 1148

		R. A.	Cl.	Rem.	Klinc Int.
23.4	13.3	F 2806	K=H	1	
23.9	17.0	a	H	1	
23.9	17.9	a	H	2	
23.9	19.9	a 2807	H	3	
23.7	22.6	a	H	2	
23.2	22.8	a	H	2	
24.3	13.7	a	H	2	
24.4	14.9	a	H	1	
24.4	17.7	a	K=H	2	
24.4	18.4	a	H	2	

R.A. 7h 10m Dec. +2°

Plate 3211

5.2	14.9	a	H	2	
6.9	9.7	H	H	1	
6.6	9.9	a	H	1	
6.6	12.6	F 2808	K=H	2	
6.4	14.7	a	H	1	
7.0	16.2	a	H	1	
6.1	19.6	a	H	2	
6.3	20.5	a	K=H	2	
7.0	20.3	a	H	1	
6.5	22.0	a	H	1	
7.3	13.1	a	H	1	
7.5	17.4	a	H	1	
7.5	21.9	a	H	2	
8.6	7.3	a	H	2	
7.4	8.2	H	H	1	
7.7	9.1	a	K=H	3	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1999phae.proj..882F

R.a. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
6h 43.m2	+6.0	+6° 1405	6h 43.m3	+6° 1'	7.5
6 35.5	+6.3	+6 1360	6 35.5	+6 16	8.5
6 33.7	+6.2	+6 1346	6 33.7	+6 15	7.7
6 29.6	+6.3	+6 1309	6 29.6	+6 16	6.5
6 24.4	+6.1	+6 1278	6 24.4	+6 8	8.0
6 23.9	+5.9	+5 1267	6 23.8	+5 58	7.1
6 42.3	+6.4	+6 1397	6 42.3	+6 25	7.8
6 40.0	+6.5	+6 1384	6 40.0	+6 28	8.7
6 34.2	+6.5	+6 1351	6 34.2	+6 28	7.3
6 32.8	+6.5	+6 1338	6 32.7	+6 30	7.0
7 10.3	-3.5	-3 1829	7 10.3	-3 30	9.0
7 9.3		-3 1831	7 10.4	-3 30	7.9
7 20.7	-2.6	-2 2126	7 20.7	-2 35	7.0
7 20.4	-2.5	-2 2123	7 20.5	-2 47	8.4
*7 15.0	-2.7	-2 2079	7 15.0	-2 42	6.5
7 10.8	-2.9	-2 2039	7 10.8	-2 51	8.0
7 7.7	-2.6	-2 2008	7 7.7	-2 34	8.0
†7 1.0	-3.1	-3 1757	7 1.0	-3 4	8.7
6 59.1	-2.9	-2 1925	6 59.2	-2 54	7.6
6 59.5	-2.5	-2 1929 1931			
6 56.2	-2.8	-2 1899	6 56.2	-2 49	8.0
7 14.0	-2.5	-2 2068	7 14.0	-2 25	8.7
7 5.2	-2.3	-2 1980	7 5.1	-2 20	5.2
6 56.4	-2.2	-2 1900	6 56.3	-2 16	8.3
7 25.5	-1.8	-1 1756	7 25.5	-1 44	7.7
7 23.6	-1.9	-1 1745	7 23.7	-1 52	8.2
7 22.0	-1.6	-1 1738	7 22.0	-1 36	6.5

*BD -2° 2080 superposed on BD -2° 2079 †BD. -2° 1941 superposed on BD -3° 1757

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 9, 10, 1893

Plate 3211

8.1	10.8	G 3	H6	K=H	2
9.4	13.5	a		K=2	2
9.9	13.9	F	2809	K=H	1
9.2	14.2	a		N	1
9.4	15.2	a		N	2
9.1	16.5	a		N	1
9.7	22.8	I		K=H	2
10.3	8.1	H6		K=H	2
10.8	13.4	a		K=H	2
10.7	14.1	a		K=H	1
11.0	18.7	a		N	1
10.3	20.9	b		K=H	1
10.8	21.0	H6		N	1
11.0	23.3	a		N	2
11.7	7.9	a		N	1
11.6	10.6	a		K=2	3
12.0	12.6	a		N	3
11.9	17.1	F	2810	K=H	2
11.4	17.4	a		N	2
11.4	17.8	a		K=2	5
11.7	18.1	F	2811	K=H	3
11.2	22.0	a		N	3
13.0	7.3	a		N	2
12.9	8.4	a		N	1
12.8	12.9	a		N	3
12.6	14.4	H6		K=H	2
13.0	14.6	H6		K=H	2
12.1	14.8	a		N	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
7h 18.6m	-1.9	-1° 1707	7h 18.7m	-1° 57'	7.7
7 13.3	-1.3	-1 1663	7 13.2	-1 20	8.2
*7 12.5	-1.2	-1 1658	7 12.5	-1 9	8.7
7 11.8	-1.4	-1 1653	7 11.8	-1 23	8.3
*7 9.7	-1.3	-1 1632	7 9.7	-1 20	8.3
7 7.1	-1.5	-1 1610	7 7.1	-1 32	8.5
6 54.5	-1.1	-1 1509	6 54.5	-1 8	7.2
7 23.9	-0.5	-0 1743	7 23.9	-0 49	7.5
7 13.5	-0.7	-0 1683	7 13.4	-0 35	8.0
7 12.3	-0.7	-0 1680	7 12.2	-0 39	8.7
7 2.9	-0.5	-0 1627	7 2.8	-0 27	8.3
6 58.5	-0.8	-0 1590	6 58.5	-0 48	8.0
6 58.2	-0.5	-0 1587	6 58.2	-0 34	7.9
6 53.6	-0.5	-0 1542	6 53.6	-0 28	8.3
7 24.6	-0.2	-0 1746	7 24.5	-0 13	9.0
7 19.2	-0.2	-0 1721	7 19.2	-0 11	8.0
		1722	7 19.2	-0 11	9.3
7 15.1	+0.0	+0 1918		15.1 +0 1	7.6
7 5.9	-0.0	-0 1646	7 5.9	-0 3	8.0
7 5.2	-0.3	-0 1640	7 5.2	-0 19	8.8
7 4.4	-0.3	-0 1636	7 4.5	-0 15	4.2
7 3.9	-0.1	-0 1634	7 ~~3.9~~ 4.0	-0 4	6.4
6 56.3	-0.3	-0 1571	6 56.3	-0 21	7.7
7 25.9	+0.5	+0 1989	7 25.8	+0 29	8.5
7 23.5	+0.5	+0 1971	7 23.5	+0 27	8.0
7 14.6	+0.5	+0 1915	7 14.6	+0 27	7.0
7 11.4	+0.4	+0 1897	7 11.5	+0 20	7.8
7 11.1	+0.5	+0 1892	7 11.2	+0 32	8.0
7 10.7	+0.1	+0 1891	7 10.8	+0 5	8.8

v. positive in BD.

* BD -1°1632 preceding BD -1°1631 +3D -1°1631 preceding BD -1°1632

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 9, 1893

Plate 3211

12.9	15.0	a		N	2
12.1	16.2	G5	I	K=H	2
13.0	21.3	H6		N	1
13.0	21.2	a		N	2
13.7	7.6	a		N	1
13.5	7.9	H6		N	1
13.6	12.2	a		N	1
13.9	12.7	I		K=H	2
13.7	15.2	H6		N	1
13.9	17.4	a		K=H	1
13.3	19.6	a		N	2
13.5	23.3	a		N	2
14.9	8.0	H6		K=H	1
14.6	21.4	a		N	1
15.6	9.3	H6		N	1
15.4	10.3	H6		N	1
16.0	15.6	F	2812	K=H	2
15.3	21.7	a		N	3
16.3	7.9	a		K=H	3
16.9	8.3	E		K=H	1
17.0	8.7	H6		N	1
17.0	9.6	a		K=3	2
16.5	12.0	a		K=H	1
16.8	12.9	a		N	1
16.2	19.1	a		N	2
16.8	19.3	H6		N	1
16.2	23.7	a		N	3
18.0	6.6	a		K=5	2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj:.882F

R.a. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
7h 10.m2	+0°5	+0° 1885	7h 10.m2	+0° 27′	8.3
7 7.9	+0.1	+0 1871	7 7.9	+0 6	7.2
6 57.8	+0.5	+0 1791	6 57.7	+0 33	8.2
6 55.9	+0.6	+0 1776	6 56.0	+0 33	8.2
7 25.1	+0.8	+0 1979	7 25.0	+0 48	8.5
7 24.4	+0.7	+0 1937	7 24.4	+0 46	8.2
7 15.9	+0.8	+0 1921	7 15.9	+0 50	7.9
7 15.0	+0.9	+0 1916	7 15.0	+0 58	7.0
7 10.0	+0.9	+0 1883	7 9.9	+0 54	8.5
7 5.4	+0.9	+0 1852	7 5.4	+0 57	8.7
7 1.3	+0.7	+0 1816			
6 53.8	+0.8	+0 1758	6 53.8	+0 45	8.3
7 24.3	+1.5	+1 1833	7 24.3	+1 28	7.8
6 57.5	+1.3	+1 1674	6 57.4	+1 19	8.7
7 21.7	+1.8	+1 1821	7 21.6	+1 48	8.3
7 19.7	+1.7	+1 1811	7 19.8	+1 45	7.7
7 9.1	+2.1	+2 1623	7 9.1	+2 8	7.9
6 56.8	+1.7	+1 1663	6 56.8	+1 43	8.8
		1665	6 56.8	+1 42	6.8
7 24.6	+2.2	+2 1691	7 24.6	+2 13	5.8
7 23.6	+2.5	+2 1688	7 23.7	+2 28	7.8
7 23.0	+2.6	+2 1685	7 22.9	+2 34	7.3
7 21.2	+2.6	+2 1681	7 21.1	+2 34	7.8
7 16.5	+2.3	+2 1664	7 16.5	+2 16	8.0
7 14.6	+2.4	+2 1654	7 14.7	+2 25	8.0
7 2.0 8.2	+2.2	+2 1579	7 2.0	+2 9	8.1
7 1.7	+2.5	+2 1576	7 1.6	+2 29	7.8
6 52.9	+2.1	+2 1502	6 52.9	+2 8	7.8
7 27.1	+3.0	+3 1723	7 27.2	+3 2	7.1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 9, 1893.

Plate 3211

v	H	Cl.	Rem. No.	K line	Int.
17.5	6.6	H6		H	1
18.0	8.0	a		H	3
17.9	13.2	a		H	1
17.4	14.0	a		K=H	2
17.8	14.3	K		K=H	3
17.1	22.1	d		K=H	1
18.4	5.8	a		H	1
18.8	11.8	H6		H	1
18.7	15.6	a		H	1
18.5	15.7	a		K=H	1
18.5	16.7	K		K=H	3
18.2	17.5	a		H	1
18.1	18.3	a		H	1
18.7	18.4	d		K=H	2
18.7	22.4	a		H	1
19.0	24.1	F	2813	K=H	1
19.1	6.5	H6		K=H	2
19.9	6.1	a		H	1
19.3	6.9	a		H	3
19.1	7.4	a		K=H	4
19.1	8.8	H6		H	1
19.3	9.4	a		K=H	1
19.2	13.1	a		H	1
19.3	13.7	a		H	2
19.5	13.7	B	2814	H	3
19.8	17.5	H		H	1
19.8	18.2	a		H	1
19.1	19.2	a		H	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec	BD. No.	R.A. 1855	Dec. 1855	Magn.
7h 27.2	+2°7	+2° 1703	7h 27.2m	+2° 45′	8.0
7 24.5	+3.0	+3 1708	7 24.5	+3 2	7.4
7 14.0	+2.9	+2 1652	7 14.1	+2 57	8.3
7 12.5	+2.7	+2 1644	7 12.5	+2 42	8.3
7 11.7	+3.0	+2 1640	7 11.8	+2 59	6.5
6 56.0	+2.7	+2 1530	6 56.0	+2 39	7.5
7 28.9	+3.2	+3 1735	7 28.9	+3 12	8.2
7 16.8	+3.5	+3 1670	7 16.7	+3 27	8.0
7 9.2	+3.5	+3 1625	7 9.1	+3 27	8.6
7 9.0	+3.3	+3 1623	7 9.0	+3 18	9.0
7 6.7	+3.3	+3 1609	7 6.7	+3 21	6.0
7 5.4	+3.2	+3 1597	7 5.4	+3 10	8.4
7 3.7	+3.1	+3 1586	7 3.8	+3 7	8.3
7 3.6	+3.5	+3 1584	7 3.6	+3 25	7.0
6 55.5	+3.4	+3 1522	6 55.5	+3 26	8.3
6 52.1	+3.6	+3 1494	6 52.1	+3 33	8.6
7 27.4	+3.6	+3 1725	7 27.4	+3 36	8.0
7 28.2	+3.9	+3 1730	7 28.2	+3 57	8.3
7 26.5	+3.7	+3 1719	7 26.7	+3 41	7.1
7 25.5	+3.6	+3 1715	7 25.6	+3 35	6.5
7 22.8	+3.6	+3 1701	7 22.9	+3 35	8.0
7 21.8	+3.7	+3 1693	7 21.7	+3 40	8.0
7 14.1	+3.7	+3			
*7 13.1	+3.7	+3 1650	7 13.1	+3 38	9 0
7 13.1	+3.8	+3 1649	7 13.1	+3 51	7.5
7 5.3	+3.9	+3 1596	7 5.3	+3 59	8.2
7 3.8	+3.9	+3 1587	7 3.9	+3 56	8.5
7 2.9	+3.6	+3			

*BD. +3° 1651 repeated on BD. +3° 1650

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July. 9, 1893.

Plate 3211

V	H	Cl.	Rem.	Kl.	Line Int.	
19.1	19.9	a			N	1
19.9	22.5	H6			N	1
20.6	6.3	a			N	2
20.5	14.8	a			N	1
20.6	19.7	H6			N	1
20.1	21.7	a			N	1
20.4	21.9	H6			N	1
21.4	6.5	H6			N	1
21.3	11.2	H6			N	1
21.9	16.5	H6			N	1
21.5	17.0	H6			N	1
22.0	20.4	a			N	4
21.4	21.8	a			N	2
21.9	23.2	a			N	3
22.7	7.7	a			N	1
23.0	8.8	a			N	2
22.9	16.7	a			N	1
23.2	6.6	a			N	2
23.6	11.1	H6			N	1
24.0	16.0	a			N	2
23.2	18.0	I			K=H	2
23.5	18.1	a			N	3
23.4	23.1	a			N	2
24.5	18.8	a			N	1
24.3	16.0	a			N	1
24.9	13.7	H6			N	1
24.3	5.9	G			K=H	2

0h 50m

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
7h 0.6m	+3.6	+3 1560	7 0.5	+3 36	9.2
		+3 1561	7 0.5	+3 35	9.3
6 55.2	+3.9	+3 1519	6 55.2	+3 60	7.9
7 27.9	+4.3	+4 1752	7 27.9	+4 18	8.0
7 10.8	+4.3	+4 1654	7 10.9	+4 19	8.2
7 1.0	+4.4	+4 1599	7 1.0	+4 24	7.8
6 57.0	+4.1	+4 1569	6 56.9	+4 4	8.4
6 56.8	+4.2	+4 1566	6 56.7	+4 14	8.0
7 27.3	+4.8	+4 1751	7 27.3	+4 45	7.3
7 18.2	+4.7	+4 1695	7 18.1	+4 44	8.0
7 7.2	+5.1	+5 1602	7 7.3	+5 3	8.1
7 6.4	+4.8	+4 1627	7 6.4	+4 49	8.1
6 59.4	+5.1	+5 1543 67	6 59.4	+5 8	6.5
6 56.7	+4.8	+4 1567	6 56.7	+4 47	8.2
6 54.0	+5.0	+5 1513	6 54.0	+5 1	7.0
7 25.2	+5.4	+5 1703	7 25.2	+5 21	8.0
* 7 22.8	+5.5	+5 1688	7 22.9	+5 33	7.8
7 6.8	+5.5	+5 1597	7 6.9	+5 31	8.0
7 27.4	+5.6	+5 1713	7 27.3	+5 37	7.6
7 18.3	+5.9	+5 1658	7 18.4	+5 52	7.6
7 7.5	+6.1	+6 1585	7 7.5	+6 4	7.7
7 4.5	+5.7	+5 1580	7 4.4	+5 43	6.5
7 4.1	+5.9	+5 1577	7 4.1	+5 54	6.0
6 54.1	+5.8	+5 1514	6 54.2	+5 46	7.0
7 2.8	+6.3	+6 1548	7 2.7	+6 19	8.3
7 8.4	+6.2	+6 1589	7 8.3	+6 10	8.5
7 13.3	+6.5	+6 1621	7 13.2	+6 30	7.9
7 28.9	+6.2	+6 1729	7 28.9	+6 10	6.7

* BD +5° 1687 estimated as BD +5° 1685

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 7h 11m. Dec. +1.°6

July 10, 1893

Plate 3225

h.	m.
23	30

V-H bl. Rem. No. Kline Int.

5.8	19.7	F	2815	K=H 1
6.0	20.6	a		K=H 1
6.7	9.9	H		N 1
6.5	12.8	F	2816	K=H2
6.2	14.9	a		K=H 1
6.7	16.3	a		K=H 1
6.3	24.2	a		K=H 1
8.0	8.5	H		N 1
7.9	11.0	G7H		K=H 2
7.1	13.3	F	2817	K=H 1
7.3	22.1	a		N 2
8.3	7.5	a		N 3
8.6	9.3	a		K=H 3
9.0	14.4	a		N 1
8.6	16.1	H		N 1
9.2	13.7	a		K=H 1
9.6	14.1	a		K=H 1
9.3	15.0	F	2818	K=H 1
9.2	15.4	a		N 1
9.5	23.0	H		N 2
10.2	8.4	H		K=H2
10.6	13.6	a		K=H 2
11.0	18.0	a		K=0.1H3
10.9	18.8	a		N 1
10.2	21.0	a		K=H 1
11.0	22.1	a		N 2
10.8	23.5	a		N 1
11.4	10.7	a		N 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.prj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
7h 1.0	-2.9 (4)	-2° 1941	7h 1.0m	-2° 58'	8.4
6 59.1	-2.9	-2 1925	6 59.2	-2 54	7.6
7 20.8	-2.6	-2 2126	7 20.7	-2 35	7.0
*7 15.0	-2.7	-2 2079	7 15.0	-2 42	6.5
7 10.8	-2.9	-2 2039	7 10.8	-2 51	8.0
7 7.8	-2.6	-2 2008	7 7.7	-2 34	8.0
6 56.1	-2.8	-2 1899	6 56.2	-2 49	8.0
7 23.7	-1.9	-1 1745	7 23.7	-1 52	8.2
7 18.7	-1.9 (4)	-1 1707	7 18.7	-1 57	7.7
7 14.0	-2.4	-2 2068	7 14.0	-2 25	8.7
6 56.4	-2.2	-			
7 25.5	-1.8	-1 1756	7 25.5	-1 44	7.7
7 22.0	-1.6	-1 1738	7 22.0	-1 36	6.5
7 11.8	-1.4	-1 1653	7 11.8	-1 23	8.3
7 8.2	-1.6	-1 1618	7 8.2	-1 36	8.0
7 13.2	-1.3	-1 1663	7 13.2	-1 20	8.2
7 12.5	-1.0	-1 1659	7 12.5	-1 3	8.5
7 10.5	-1.3	-1 1641	7 10.4	-1 17	8.7
*7 9.7	-1.3	-1 1632	7 9.7	-1 20	8.3
6 54.5	-1.1	-1 1509	6 54.5	-1 8	7.2
7 23.9	-0.8	-0 1743	7 23.9	-0 49	7.5
7 13.5	-0.7	-0 1683	7 13.4	-0 35	8.0
7 4.5	-0.3	-0 1636	7 4.5	-0 15	4.2
7 3.0	-0.5	-0			
6 58.5	-0.8	-0 1590	6 58.5	-0 48	8.0
6 56.3	-0.3	-0 1571	6 56.3	-0 21	7.7
6 53.6	-0.5	-0 1542	6 53.6	-0 28	8.3
			1721 7 19.2	-0 11	8.0
7 19.1	-0.2	-0	1722 7 19.2	-0 11	9.3

* BD -2° 2080 substituted for BD -2° 2079 + BD -1° 1631 substituted for BD -1° 1632

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 3225

V H Cl. Rem. Kline Int.

11.8	12.8	a	N 3
11.6	14.4	H	N 1
11.9	15.0	a	K=H 1
11.9	16.3	G	K=H 2
11.9	17.3	F 2819	K=H 2
11.5	18.2	F 2820	K=H 3
12.9	9.4	a	N 2
12.9	8.6	a	K=H 1
12.6	13.1	a	N 3
13.0	13.8	a	N 2
12.4	14.6	H	K=H 2
12.9	14.8	a	K=H 2
12.6	15.2	a	K=H 2
13.0	19.7	a	N 1
12.8	21.4	H	N 1
12.8	22.3	a	N 2
13.4	12.4	a	N 1
13.6	12.9	g	K=H 3
13.5	15.3	H	N 1
14.6	8.2	H	N 1
14.4	21.6	a	N 1
15.0	21.8	a	N 3
16.0	8.1	a	K=0.5H4
15.2	10.2	H	N 1
15.9	15.7	G 5H	K=H 1
16.0	19.3	a	N 1
15.9	23.5	a	N 3
16.9	8.5	G 5H	K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.prgj..882F

R.A. 1855	Dec	BD. No.	R.A. 1855	Dec. 1855	Magn.
7h 15.1m	+0.0°	+0 1918	7 15.1	+0 1	7.6
7 11.9	-0.0	-0 1677	7 11.9	-0 5	8.3
7 10.9	+0.0	+0 1891	7 10.8	+0 5	8.8
7 7.9	+0.1	+0 1871	7 7.9	+0 6	7.2
7 5.9	-0.0	-0 1646	7 5.9	-0 3	8.0
7 3.9	-0.0	-0 1634	7 4.0	-0 4	6.4
7 25.8	+0.5	+0 1989	7 25.8	+0 29	8.5
7 23.5	+0.4	+0 1971	7 23.5	+0 27	8.0
7 14.6	+0.5	+0 1915	7 14.6	+0 27	7.0
7 13.1	+0.7	+0 1909	7 13.1	+0 40	7.5
7 11.5	+0.3	+0 1897	7 11.5	+0 20	7.8
7 11.1	+0.6	+0 1892	7 11.2	+0 32	8.0
7 10.0	+0.5	+0 1885	7 10.2	+0 27	8.3
7 1.2	+0.7	+0 1816	7 1.1	+0 41	8.3
6 57.8	+0.5	+0 1791	6 57.7	+0 33	8.2
6 55.9	+0.6	+0 1776	6 56.0	+0 33	8.2
7 15.9	+0.8	+0 1921	7 15.9	+0 50	7.9
7 15.0	+0.9	+0 1916	7 15.0	+0 58	7.0
7 10.0	+0.9	+0 1883	7 9.9	+0 54	8.5
7 24.3	+1.5	+1 1833	7 24.3	+1 28	7.8
6 57.5	+1.3	+1 1674	6 57.4	+1 19	8.7
6 56.8	+1.7	+1 1663	6 56.8	+1 43	8.8
		+1 1665	6 56.8	+1 42	6.8
7 24.6	+2.2	+2 1691	7 24.6	+2 13	5.8
7 19.8	+1.8	+1 1811	7 19.8	+1 45	7.7
7 9.1	+2.1	+2 1623	7 9.1	+2 8	7.9
7 2.0	+2.1	+2 1579	7 2.0	+2 9	8.1
6 53.0	+2.1	+2 1502	6 52.9	+2 8	7.8
7 23.8	+2.5	+2 1688	7 23.7	+2 28	7.8

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 3225

V	H	Cl.	Rem.	Kline Int
16.8	8.9	H		N 1
16.8	9.8	a		N 2
16.2	12.1	a		K=H 1
16.5	13.1	a		K=H 1
17.0	14.2	a		K=H 2
16.6	19.5	H		N 1
16.9	22.2	B5H		K=H 1
17.0	6.0	a		N 1
17.2	6.7	H		N 1
17.7	6.7	a		N 3
17.7	8.2	a		N 3
17.7	13.3	a		K=H 1
17.6	14.5	J		K=H 3
17.9	18.4	a		N 1
18.8	6.7	H		K=H 2
19.0	7.1	a		N 3
18.8	7.6	F	2821	K=H 0
18.9	9.0	H		N 1
19.0	9.6	a		K=H 1
18.6	12.0	H		N 1
19.0	13.8	a		N 1
18.5	15.7	a		N 1
18.3	15.8	a		N 1
18.3	16.9	K		K=H 3
18.4	18.5	H		K=H 2
19.3	13.8	B	2822	N 3
19.5	18.3	a		N 1
20.3	6.4	a		N 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A.	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
7h 22.9	+2.5	+2 1685	7 22.9	+2 34	7.3
7 21.1	+2.5	+2 1681	7 21.1	+2 34	7.8
7 16.6	+2.2	+2 1664	7 16.5	+2 16	8.0
7 14.6	+2.4	+2 1654	7 14.7	+2 25	8.0
7 12.5	+2.7	+2 1644	7 12.5	+2 42	8.3
7 1.6	+2.5	+2 1576	7 1.6	+2 29	7.8
6 56.0	+2.7	+2 1530	6 56.0	+2 39	7.5
7 29.0	+3.2	+3 1735	7 28.9	+3 12	8.2
7 27.1	+2.7	+2 1703	7 27.2	+2 46	8.0
7 27.1	+3.0	+3 1723	7 27.2	+3 2	7.1
7 24.5	+3.0	+3 1708	7 24.5	+3 2	7.4
7 14.1	+2.9	+2 1652	7 14.1	+2 57	8.3
7 13.8	+3.0	+2 1			
7 3.8	+3.1	+3 1586	7 3.8	+3 7	8.3
7 27.3	+3.6	+3 1724	7 27.3	+3 40	8.0
7 26.6	+3.7	+3 1719	7 26.7	+3 41	7.1
7 25.6	+3.6	+3 1715	7 25.6	+3 35	6.5
7 22.8	+3.6	+3 1701	7 22.9	+3 35	8.0
7 21.8	+3.7	+3 1693	7 21.7	+3 40	8.0
7 16.8	+3.4	+3 1670	7 16.7	+3 27	8.0
* 7 13.2	+3.7	+3 1651	7 13.2	+3 40	8.7 instead 7 1650.
7 9.1	+3.4	+3 1625	7 9.1	+3 27	8.6
7 9.0	+3.3	+3			
7 6.7	+3.3	+3 1609	7 6.7	+3 21	6.0
7 3.6	+3.4	+3 1584	7 3.6	+3 25	7.0
7 13.1	+3.9	+3 1649	7 13.1	+3 51	7.5
7 3.8	+3.9	+3 1587	7 3.9	+3 56	8.5
7 27.9	+4.3	+4 1752	7 27.9	+4 18	8.0

* BD +3° 1651 substituted for BD +3° 1650.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 3225

V H Cl. Rem. No. Kline Int.

20.2	15.0	a	R 1
21.2	6.7	H	R 1
21.1	11.3	H	R 1
21.8	20.6	a	R 3
21.2	22.0	a	R 1
21.7	23.3	a	R 2
22.9	6.7	a	R 2
22.4	7.8	a	R 1
22.7	9.0	a	R 2
22.6	16.9	a	R 1
23.0	18.1	d	K=H 2
24.0	6.0	F 2823	K=H 2
23.4	11.2	H	R 1
23.8	16.5	a	R 2
23.4	18.2	a	K=0.1H 3
24.3	19.0	a	R 1
23.2	23.2	a	R 2

R.A. 8h 00m Dec. +1.5

Plate 1149

4.8	5.7	a	R 4
5.0	6.2	F 2824	K=H 2
5.0	18.5	d	K=H 3
5.8	9.9	a	R 2
5.5	16.0	a	R 2
6.4	14.3	G3K	K=1.2H 4
6.6	18.1	B 2825	R 2
6.7	21.2	a	K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Chagn.
7 10.9	+4.3	+4 1654	7 10.9	+4 19	8.2
7 27.2	+4.8	+4 1751	7 27.3	+4 45	7.3
7 18.1	+4.7	+4 1695	7 18.1	+4 44	8.0
6 59.4	+5.1	+5 1543	6 59.4	+5 8	6.5
6 56.7	+4.8	+4 1567	6 56.7	+4 47	8.2
6 54.0	+5.0	+5 1513	6 54.0	47. 1	7.0
7 27.4	+5.6	+5 1713	7 27.4	+5 37	7.6
7 25.1	+5.4	+5 1703	7 25.2	+5 21	8.0
7 22.8	+5.6	+5 1688	7 22.9	+5 33	7.8
7 6.8	+5.5	+5 1597	7 6.9	+5 31	8.0
7 4.8	+5.8	+5 1580	7 4.4	+5 43	6.5
7 29.0	+6.4	+6 1731			
7 18.2	+5.9	+5 1654	7 18.0	+5 54	8.5
7 7.5	+6.0	+6° 1585	7h 7.3m	+6° 4'	7.7
7 4.0	+5.9	+5 1577	7 4.1	+5 54	6.0
7 2.7	+6.3	+6 1548	7 2.7	+6 19	8.3
6 54.2	+5.8	+5 1514	6 54.2	+5 46	7.0
18.6	-3.5	-3 2339	8 18.4	-3 26	3.7
17.3	-3.3	-3 2333	8 17.3	-3 17	6.0
52.5	-3.3	-3 2157	7 52.5	-3 17	4.9
10.0	-2.9	-2 2509	8 9.9	-2 55	6.3
56.8	-3.1				
1.4	-2.6	-2 2450	8 1.3	-2 34	4.8
7 53.5	-2.5	-2 2379	7 53.4	-2 29	6.8
7 47.2	-2.4	-2 2341	7 47.3	-2 25	7.2

* BD -3° 2159 substituted for BD -3° 2157 ✓ BD +5° 1687 substituted for BD +5° 1685

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 1149.
No.
D H Cl. Rum. Klumpke Smt.

6.3	22.4	a		K=H 1
7.9	20.7	a		N 1
8.7	16.3	a		K=H 1
9.3	7.9	a		N 3
10.0	11.9	c		K=H 2
9.3	13.0	a		N 1
9.7	14.7	a		N 1
9.4	15.9	K		K=H 3
9.1	23.2	a		N 1
9.4	23.4	a		N 1
10.2	6.3	c		K=H 1
10.8	7.2	H		N 1
10.6	8.5	F	2826	K=H 2
10.9	19.8	a		N 2
11.4	14.0	a		N 2
12.0	14.0	a		N 2
11.1	16.6	½H		K=H 2
11.3	19.0	a		N 1
12.6	6.8	F	2824	K=H 1
13.0	15.4	a		N 1
12.8	19.7	a		K=H 1
13.0	22.8	a		K=H 1
12.4	23.2	c		K=H 1
13.4	9.9	a		N 1
13.2	12.5	a		N 1
13.1	13.8	a		N 1
13.8	14.8	c		K=H 1
13.5	15.8	a		N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
7h 44.9m	-2.7	-2 2322	7 44.9	-2 41	6.7
7 48.2	-1.8	-1 1890	7 48.2	-1 49	8.2
7 57.0	-1.4	-1 1939	7 56.9	-1 27	8.5
8 14.0	-1.1	-1 2017	8 14.0	-1 8	7.0
8 6.0	-0.8	-0 1938	8 6.0	-0 44	7.5
8 3.9	-1.1	-1 1976	8 3.9	-1 8	8.0
8 0.6	-0.9	-0 1913	8 0.6	-0 56	8.1
7 54.0	-1.0	-0 1882	7 53.8	-0 59	5.3
7 43.2	-1.2	-1 1853	7 43.2	-1 14	8.5
7 42.8	-1.1	-1 1849	7 42.9	-1 5	8.2
8 17.1	-0.7	-0 1987	8 17.2	-0 40	7.5
8 15.4	-0.4	-0 1977	8 15.4	-0 24	7.8
8 12.8	-0.5	-0 1966	8 12.8	-0 27	7.2
~~7 59.0~~	~~-0.2~~				
~~8 2.0~~	~~-0.0~~	-0 1864	7 50.0	-0 14	7.5
8 2.0	-0.0	-0 1922	8 1.9	-0 1	8.0
8 2.0	+0.3	+0 2203	8 1.9	+0 18	8.3
7 58.4	-0.2	-0 1903	7 58.4	-0 9	6.8
7 51.6	-0.0	-0 1874	7 51.6	-0 3	8.0
8 16.3	+0.5	+0 2288	8 16.3	+0 32	7.5
7 58.4	+0.7	+0 2185	7 58.9	+0 41	8.5
7 50.3	+0.7	+0 2142	7 50.3	+0 41	8.3
7 44.1	+0.8	+0 2110	7 44.1	+0 45	8.7
7 43.4	+0.4	+0 2108	7 43.5	+0 26	6.5
8 10.2	+0.9	+0 2248	8 10.2	+0 56	8.0
8 4.6	+0.8	+0 2219	8 4.6	+0 50	8.5
8 2.3	+0.7	+0 2206	8 2.3	+0 46	8.5
8 1.4	+1.2	+1 2006	8 1.3	+1 11	8.0
7 58.1	+1.1	+1 1990	7 58.1	+1 4	8.7

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 1149

				G. H. Cl. Rem. Nr. Klima Int.
14.6	8.1	F	2828	K=H 1
14.6	11.4	a		R 2
15.0	12.0	a		R 1
14.3	13.7	a		K=H 1
14.9	14.1	a		R 2
14.4	19.9	F	2829	K=H 3
15.6	5.8	G	H	K=H 1
16.0	14.5	a		R 2
15.3	15.5	a		R 1
15.6	22.8	a		R 4
16.6	6.9	H		K=H 2
16.7	7.7	H		R 1
16.3	11.4	a		K=H 1
16.4	11.9	F	2830	K=H 1
16.9	12.7	F	2831	K=H 1
16.5	15.7	a		R 3
16.7	17.5	K		K=H 4
16.5	19.5	G		K=H 3
16.8	20.4	a		R 1
16.9	21.6	a		R 1
17.7	8.4	F	2832	K=H 1
17.3	9.8	a		R 1
17.9	10.9	a		R 2
18.0	11.0	a		R 2
17.9	19.4	a		K=0.2H 3
18.0	17.6	H		R 1
18.0	20.1	a	2833	R 2
18.1	13.5	G		K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
8 13.8	+1.5	+1 2074	8 13.8	+1 31	7.8
8 7.1	+1.6	+1 2040	8 7.1	+1 36	7.8
8 6.0	+1.8	+1 2031	8 6.0	+1 49	8.3
8 2.5	+1.4	+1 2014	8 2.5	+1 26	8.0
8 1.9	+1.8	+1 2011			
7 49.9	+1.5	+1 1959	7 49.8	+1 32	6.5
8 18.3	+2.0	+2 1967	8 18.3	+2 2	7.5
8 1.1	+2.3	+2 1882	8 1.1	+2 20	7.8
7 58.8	+1.9	+1 1994	7 58.7	+1 53	8.3
7 44.2	+2.1	+2 1808	7 44.2	+2 8	5.7
8 18.0	+2.6	+2 1965	8 18.1	+2 36	6.5
8 14.8	+2.6	+2 1948	8 14.7	+2 36	7.5
8 7.2	+2.5	+2 1912	8 7.3	+2 28	8.5
8 6.2	+2.4	+2 1904	8 6.2	+2 27	8.2
8 4.8	+2.7	+2 1897	8 4.7	+2 43	8.2
7 58.2	+2.6	+2 1868	7 58.3	+2 35	7.7
7 54.8	+2.7	+2 1854	7 54.7	+2 43	5.0
7 50.8	+2.6	+2 1833	7 50.8	+2 37	6.0
		1834	7 50.9	+2 35	9.4
7 49.0	+2.7	+2 1827	7 49.0	+2 42	8.3
7 46.6	+2.8	+2 1818	7 46.6	+2 46	8.5
8 13.1	+3.1	+3 1960	8 13.1	+3 7	8.0
8 10.3	+2.9	+2 1826	8 10.3	+2 55	8.0
8 8.3	+3.2	+3 1933	8 8.3	+3 14	7.5
8 8.0	+3.2	+3 1932	8 8.0	+3 16	8.0
7 51.0	+3.3	+3 1860	7 51.0	+3 20	7.5
7 54.6	+3.4	+3 1875	7 54.5	+3 23	7.8
7 49.6	+3.3	+3 1848	7 49.5	+3 21	8.0
8 3.8	+3.4	+3 1913	8 3.1	+3 22	7.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 1149

			V H Cl. Rem. Kline Init.
18.4	13.6	a	N 1
18.2	14.5	a	N 1
19.0	16.7	a	N 2
18.7	18.5	F 2834	K=H 1
18.9	22.4	a	N 2
18.7	22.7	H	K=H 1
18.6	23.3	B	K=H 1
19.6	21.7	a	N 1
19.9	22.6	a	N 1
20.2	8.9	G	K=H 2
20.7	10.2	F 2835	K=H 2
20.9	12.9	E	K=H 1
20.5	16.3	a	N 2
20.6	20.5	a	N 2
21.0	20.6	E	K=H 2
21.0	23.3	E	K=H 1
22.0	12.5	a	N 2
21.8	18.1	a	N 4
22.8	13.8	a	N 1
23.0	16.1	a	N 1
22.6	19.9	a	K=H 1
22.6	19.1	E	K=H 1
22.1	19.7	F 2836	K=H 1
23.8	16.1	a	N 2
23.4	19.4	a	N 2
23.2	21.5	a	N 1
23.8	23.4	a	N 2
23.7	23.9	a	N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..002F

R.A. 1855	Dec	BD. No.	R.A. 1855	Dec. 1855	Magn.
8h 2m 2.9	+3° 3.4	+3 1911 8	2.8	+3 26	8.7
8 1.1	+3.4	+3 1900 8	1.1	+3 23	8.5
7 56.3	+3.8	+3 1883 7	56.4	+3 48	8.0
7 52.9	+3.6	+3 1864 7	52.8	+3 39	8.2
7 45.1	+3.8	+3 1827 7	45.1	+3 45	8.0
7 44.5	+3.7	+3 1824 7	44.5	+3 39	7.5
7 43.0	+3.7	+3 1818 7	43.2	+3 39	6.7
7 46.4	+4.1	+4 1849 7	46.4	+4 7	8.5
7 44.8	+4.2	+4 1843 7	44.8	+4 12	8.5
8 12.2	+4.4	+4 1954 8	12.2	+4 23	6.7
8 9.7	+4.7	+4 19458	9.7	+4 39	7.0
8 4.2	+4.7	+4 19328	4.2	+4 42	8.0
7 57.3	+4.5	+4 1896 7	57.3	+4 33	8.0
7 48.8	+4.6	+4 1859 7	48.7	+4 38	8.2
7 48.9	+4.9	+4 1860 7	48.8	+4 51	7.0
7 43.1	+4.8	+4 1833 7	43.2	+4 49	7.1
8 5.2	+5.4	+5 1904 8	5.2	+5 22	8.0
7 53.7	+5.3	+5 1857 7	53.6	+5 16	6.5
8 2.5	+5.7	+5 1893 8	2.5	+5 41	8.5
7 57.6	+5.8	+5 1869 7	57.6	+5 50	8.7
7 54.2	+5.6	+5 1859 7	54.1	+5 36	8.3
7 51.5	+5.6	+5 1848 7	51.6	+5 39	8.1
7 50.5	+5.4	+5 1845 7	50.4	+5 24	8.2
7 57.8	+6.2	+6 1869 7	57.7	+6 14	8.0
7 51.0	+6.0	+6 1840 7	51.1	+6 1	7.4
7 46.8	+5.9	+5 1829 7	46.8	+5 54	8.2
7 43.8	+6.3	+6 1795 7	43.1	+6 13	7.7
7 42.7	+6.1	+6 1792 7	42.7	+6 6	8.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 8h 40m Dec. +1.8°

July 10, 1893

Plate 1206

5.6	10.9	a	N 1
6.7	13.8	a	N 4
7.4	15.6	F	2837 K=H 2
7.0	21.0	a	K=H 1
8.0	21.3	a	N 3
7.4	24.1	a	K=H 2
8.7	14.9	a	K=0.1H 4
8.4	15.3	d	K=H 3
9.8	7.7	a	N 2
10.4	14.2	d	K=H 1
11.6	7.5	d	K=H 2
11.5	7.7	a	N 1
11.8	21.7	a	N 1
11.8	23.9	a	N 1
12.9	8.4	F	2838 K=H 1
12.6	14.8	a	K=H 2
12.8	15.7	b	K=H 1
13.5	7.1	a	N 1
13.5	13.0	a	K=H 1
13.7	15.3	a	K=0.5H 2
13.1	20.8	b	K=H 1
15.0	8.1	a	N 1
15.6	9.6	a	K=0.1H 3
16.0	11.6	a	K=H 1
15.4	10.8	a	N 2
15.5	21.5	a	N 1
15.0	23.0	a	N 1
14.9	24.2	F	2839 K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj.:882F

R.A. 1855	Dec.		BD. No.	R.A. 1855	Dec. 1855		Magn.
8h 47.7m	-3.0		-3° 2506	8h 47.7m	-3°	0′	6.6
8 42.0	-2.9	-2	2699	8 42.1	-2	55	5.7
8 38.0	-2.0	-2	2676	8 38.0	-2	5	6.9
8 27.2	-2.2	-					
8 26.5	-1.7	-1	2074	8 26.7	-1	39	6.5
8 21.0	-2.0	-2	2581	8 21.1	-2	3	7.0
8 39.9	-1.3	-1	2130	8 39.9	-1	22	6.0
8 38.6	-1.5	-1	2125	8 38.7	-1	31	7.0
8 54.2	-0.9	-0	2111	8 54.2	-0	54	7.7
8 41.3	-0.5	-0	2069	8 41.2	-0	31	7.3
8 54.6	+0.0	+0	2449	8 54.6	+0	5	6.2
8 54.3	+0.0	+0	2448	8 54.3	+0	3	8.8
8 26.0	+0.2	+0	2331	8 26.0	+0	11	8.0
8 21.8	+0.2	+0	2310	8 21.7	+0	12	7.7
8 53.1	+0.7	+0	2442	8 53.1	+0	43	8.2
8 40.1	+0.5	+0	2392	8 40.1	+0	36	8.2
		+0	2393	8 40.2	+0	33	8.2
8 38.0	+0.7	+0	2379	8 38.0	+0	48	7.4
8 55.5	+0.9	+0	2451	8 55.4	+0	59	8.2
8 43.5	+1.0	+1	2183	8 43.6	+1	1	8.2
8 38.8	+1.2	+1	2163	8 38.9	+1	10	7.3
8 27.7	+0.9	+0	2835	8 27.7	+0	53	7.3
8 53.7	+1.8	+1	2220	8 53.6	+1	51	7.7
8 50.6	+2.1	+2	2112	8 50.7	+2	6	7.5
8 46.4	+2.3	+2	2088	8 46.4	+2	22	7.8
8 42.1	+2.0	+2	2072	8 42.1	+2	1	7.5
8 26.4	+2.1	+2	2006	8 26.4	+2	5	7.8
8 23.5	+1.8	+1	2111	8 23.6	+1	50	8.0
8 21.1	+1.7	+1	2102	8 21.1	+1	44	7.4

*BD [illegible] BD -3° 2581.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 1206

V H Cl. Rem. Nr. Kline Inst.

16 5 20.5	a		N 1
17.5 6 0	a		N 1
17.9 7.9	a		N 2
17.5 10.1	F	2840	K=H 2
17.1 13.9	H		N 1
17.5 14.4	E		K=H 1
17 6 14.6	F	2841	K=H 1
17.8 20.8	E		K=H 1
19.0 16.9	B	2842	N 3
18.9 19.1	K		K=12H3
19.9 6.4	a		N 1
19.9 22.3	a		N 1
20.9 10.4	E		K=H 2
21.0 15.0	a		N 2
21.0 16.6	a		N 3
22.8 5.8	K		K=H 3
23.0 12.6	a		K=0.2H 3
22.9 16.4	a		K=0.2H 2
21.8 21.8	9		K=H 2
24.3 11.1	K		K=1.5H 5
24.0 14.6	a		N 4
23.9 16.1	a		K=0.3H3
23.6 19.8	a		K=~~1.6~~ 0.1 H4

RA. 12h 40m Dec. +1.6

Plate 1379

4.6 11.7	H		K=H 1
5.8 6.6	a		K=H 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.a. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
8h 28.5m	+2.6	+2° 2019	8h 28.6m	+2° 33'	8.0
8 57.8	+2.9	+2 2138	8 57.7	+2 59	7.2
8 54.5	+3.2	+3 2124	8 54.4	+3 14	7.5
8 49.8	+3.1	+3 2099	8 49.7	+3 5	7.3
8 42.4	+2.9	+2 2073	8 42.4	+2 54	7.5
8 41.0	+3.1	+3 2057	8 41.0	+3 5	7.3
8 40.8	+3.1	+3 2056	8 40.7	+3 7	7.5
8 27.9	+3.2	+3 2014	8 27.9	+3 14	7.0
8 35.6	+3.9	+3 2039	8 35.6	+3 55	5.0
8 31.2	+3.8	+3 2026	8 31.2	+3 50	4.9
8 57.1	+4.1	+4 2115	8 57.1	+4 6	7.7
8 24.9	+4.2	+4 1997	8 24.9	+4 9	8.0
8 49.0	+4.8	+4 2081	8 49.0	+4 48	7.0
8 39.6	+4.8	+4 2040	8 39.6	+4 53	8.0
8 36.4	+4.8	+4 2029	8 36.4	+4 52	7.5
8 58.3	+5.7	+5 2116	8 58.3	+5 40	5.6
8 44.8	+5.9	+5 2074	8 44.8	+5 53	7.3
8 36.9	+5.8	+5 2046	8 36.8	+5 48	8.0
8 26.0	+5.2	+5 1997	8 26.1	+5 15	6.5
8 47.8	+6.5	+6 2060	8 47.7	+6 30	3.0
8 40.8	+6.5	+6 2040	8 40.8	+6 22	4.8
8 37.3	+6.2	+6 2030	8 37.4	+6 12	7.0
8 30.0	+6.2	+6 2001	8 30.0	+6 13	4.5
12 46.2	-3.4	-3 337312	46.2	-3 26	6.7
12 56.3	-2.9	-2 362212	56.4	-2 53	6.7

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10. 1893

Plate 1379
V H Ch. Rum. K line Int.

5.4	8.7	a		K=0.1H	3
5.9	12.0	F	2843	K=H	2
5.3	15.8	a		K=H	2
5.6	17.9	G	3	d	K=H 3
6.3	8.3	d		K=H	2
7.2	9.3	H		K	1
7.3	16.4	a		K=0.1H	3
8.3	20.0	F	2844	K=H	1
9.7	16.7	g		K=H	3
9.8	17.6	F	2845	K=H	5
10.6	8.5	a		K=H	1
10.8	9.4	a		K=H	1
10.9	10.4	F	2846	K=H	3
11.1	19.0	a		K	2
12.9	10 8	e		K=H	2
13.0	12.9	e		K=H	1
12.2	14.6	F	2847	K=H	1
12.2	17.4	F	2848	K=H	1
13.5	6.2	H		K=H	1
15.7	9.9	F	2849	K=H	3
15.5	17.3	a		K=H	1
15.5	23 0	F	2850	K=H	2
16.4	19.8	Fra		K	3
17.7	15.4	F	2851	K=H	1
17.3	20 9	F	2852	K=H	2
15 8	11.1	H		K	1
18-8	12.9	d		K=H	2
19.5	10.9	Fra		K=1.2H	4

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj...882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
12h 52.1m	-3.0	-3° 3384	12h 52.2m	-3° 2′	6.2
12 45.8	-2.8	-2 3593	12 45.8	-2 46	6.2
12 37.9	-3.1	-3 3348	12 37.8	-3 5	8.2
		-3 3349	12 37.8	-3 6	8.0
12 33.5	-2.9	Uranus.			
12 53.2	-2.6	-2 3609	12 53.1	-2 35	6.3
12 51.2	-2.1	-2 3605	12 51.2	-2 7	7.2
12 36.9	-2.0	-2 3567	12 36.7	-2 3	6.8
12 29.7	-1.5	-1 2699	12 29.7	-1 32	7.5
12 36.2	-0.8	-0 2603	12 36.2	-0 47	7.7
12 34.4	-0.7	-0 2601	12 34.3	-0 40	2.8
12 52.8	-0.4	-0 2641	12 52.7	-0 24	8.2
12 51.0	-0.3	-0 2637	12 51.0	-0 16	8.5
12 49.0	-0.2	-0 2632	12 49.0	-0 10	7.7
12 31.5	-0.1	-0 2595	12 31.5	-0 2	8.0
12 48.2	+0.9	+0 3002	12 48.2	+0 51	7.3
12 44.5	+0.9	+0 2993	12 44.5	+0 52	8.0
12 40.8	+0.4	+0 2983	12 40.7	+0 26	8.2
12 34.9	+0.4	+0 2972	12 34.9	+0 30	8.3
12 57.4	+1.0	+1 2786	12 57.4	+1 4	7.7
12 50.1	+2.2	+2 2604	12 50.1	+2 13	7.7
12 35.1	+2.1	+2 2569	12 35.1	+2 8	8.3
12 23.9	+2.1	+2 2552	12 23.8	+2 8	7.9
12 31.0	+2.7	+2 2560	12 31.0	+2 40	6.0
12 38.6	+3.4	+3 2694	12 38.6	+3 24	8.0
12 27.9	+3.0	+3 2670	12 27.9	+3 3	7.8
12 47.8	+3.8	+3 2714	12 47.8	+3 50	8.0
12 44.1	+3.8	+3 2703	12 44.2	+3 51	7.2
12 48.2	+4.2	+4 2669	12 48.3	+4 11	3.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 1379
8-H Cl. Rem. Kline Smt.

19.9	14.6	a	K=H 1
19.9	14.8	ina	N 1
19.3	19.5	a	K=0.1H3
20.5	18.2	F 2853	K=H 1
21.5	8.1	a	N 2
21.3	19.6	a	N 2
23.1	14.0	F 2854	K=H 1
22.5	23.9	F 2853	K=H 1
21.6	24.5	a	N 2
24.6	15.1	a	N 3

R.A. 16h 41m Dec. +2

Plate 566

5.0	10.4	F 2856	K=H 1
5.5	13.2	a	K=0.5H 2
5.9	14.1	F 2857	K=H 2
6.9	18.2	F 2858	K=H 1
6.4	21.0	F 2859	K=H 3
7.7	5.7	F 2860	K=H 3
7.7	12.1	a F (c) 2861	K=H 3
9.0	15.5	a	K=H 3
9.1	6.4	B 2862	N 3
9.8	16.9	a	N 2
8.6	19.8	H	N 1
10.6	9.3	a	N 2
10.9	12.9	E	K=H 1
11.5	13.5	F 2863	K=H 1
11.4	20.6	F 2864	K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
12h 40.8m	+4.2	+4° 2654	12h 40.7m	+4° 16′	8.3
12 40.5	+4.3	+4 2653	12 40.5	+4 22	6.7
12 30.7	+4.0	+4 2631	12 30.7	+4 5	6.5
12 33.5	+4.7	+4 2637	12 33.5	+4 40	7.8
12 53.8	+5.1	+5 2702	12 53.8	+5 8	7.3
12 30.5	+5.1	+5 2654	12 30.5	+5 5	7.3
12 42.1	+5.9	+5 2682	12 42.1	+5 58	8.2
12 22.0	+5.6	+5 2633	12 22.1	+5 38	7.5
12 20.9	+5.2	+5 2631	12 20.9	+5 12	7.3
12 39.8	+6.7	+6 2660	12 39.7	+6 46	6.7
16 50.0	−2.8	−2 4283	16 50.1	−2 47	7.0
16 44.7	−2.5	−2 4265	16 44.6	−2 33	7.0
16 42.9	−2.4	−2 4259	16 42.8	−2 24	6.2
16 34.2	−1.9	−1 3230	16 34.3	−1 52	8.2
16 28.8	−2.0	−2 4211	16 28.8	−2 1	5.5
16 59.3	−1.5	−1 ~~3329~~	16 59.4	−1 27	6.3
16 46.7	−1.4	−1 3268	16 46.7	−1 22	6.5
16 33.8	−0.7	−0 3168	16 33.7	−0 44	6.5
16 58.1	−0.7	−0 3224	16 58.1	−0 41	5.8
16 36.8	−0.3	−0 3174	16 36.8	−0 17	7.9
16 31.1	−0.9	−0 3153	16 31.1	−0 56	6.7
16 56.4	+0.0	+0 3624	16 56.3	+0 5	6.8
16 46.7	+0.3	+0 3593	16 45.7	+0 17	7.0
16 43.9	+0.6	+0 3588	16 44.0	+0 34	8.3
16 29.7	+0.6	+0 3553	16 29.7	+0 33	7.2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 568

V H Ch. Rem. Nr. Klinc Smt.

12.3	6.6	F	2865	K-H 2
12.6	14.6	F	2866	K=H 1
13.0	15.1	a		K=H 2
12.9	16.4	a		N 3
13.5	12.6	F	2867	K=H 1
13.2	13.6	a F.		K=0.H 4
13.4	18.1	R	2868	K=H 1
13.2	18.3	a		K=H 3
13.3	18.5	E		K=H 1
13.7	21.1	E		K=H 1
13.8	22.1	F	2869	K=H 1
13.5	23.5	H		N 1
14.9	15.6	a		K=0.H 3
14.8	23.7	a		N 4
15.0	15.7	F	2870	K=H 2
15.5	16.8	a		N 2
15.4	18.1	a		N 1
17.7	6.5	a		K=H 1
17.7	17.6	a		K=H 2
17.7	23.1	a		N 1
18.5	6.8	a		N 1
18.9	16.1	F	2871	K=H 2
19.2	18.8	a		N 3
20.5	18.4	a		N 2
21.7	13.8	a		N 1
21.5	14.5	a		N 1
21.2	15.2	a		N 4
21.4	20.4	H		N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
16h 58.m0	+0.°9	+0 3629	16 57.9	+0 55	6.3
16 42.1	+1.2	+1 3313	16 42.1	+1 9	7.7
16 41.0	+1.3	+1 3309	16 40.9	+1 20	8.0
16 38.0	+1.3	+1 3298	16 38.2	+1 17	7.0
16 46.0	+1.6	+1 3332	16 46.1	+1 36	8.2
16 44.1	+1.4	+1 3323	16 44.1	+1 28	6.0
16 34.8	+1.5	+1 3293	16 34.8	+1 31	8.6
16 34.4	+1.4	+1 3290	16 34.4	+1 27	6.5
16 33.8	+1.5	+1 3286	16 34.0	+1 30	7.3
16 28.8	+1.7	+1 3263	16 28.7	+1 40	8.0
16 26.6	+1.7	+1 3255	16 26.7	+1 44	8.5
16 24.0	+1.6	+1 3246	16 24.0	+1 37	8.0
16 39.9	+2.3	+2 3175	16 39.9	+2 20	6.6
16 23.5	+2.3	+2 3118	16 23.6	+2 17	4.0
16 39.5	+2.5	+2 3174	16 39.6	+2 30	7.5
16 37.4	+2.6	+2 3166	16 37.4	+2 37	8.1
16 34.8	+2.5	+2 3155	16 34.8	+2 33	8.1
16 58.2	+3.7	+3 3338	16 58.2	+3 38	7.3
16 35.7	+3.7	+3 3254	16 35.8	+3 44	7.8
16 24.8	+3.7	+3 3213	16 24.8	+3 40	8.0
16 57.7	+3.9(4)	+3 3335	16 57.7	+3 59	8.1
16 38.7	+4.3	+4 3250	16 38.8	+4 18	7.0
16 33.5	+4.5	+4 3234	16 33.4	+4 ~~28~~	7.5
			16 33.5	+4 30	6.1
16 34.3	+5.1	+5 3254	16 34.4	+~~5~~ 9	7.2
16 43.8	+5.8	+5 3282	16 43.9	+~~5~~ 44	7.8
16 42.4	+5.6	+5 3276	16 42.4	+5 38	8.2
16 40.7	+5.5	+5 3272	16 40.6	+5 30	5.3
16 30.4	+5.6	+5 3240	16 30.4	+5 35	6.8

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 568

d H Ob Runn. Kline Int.

21.9 22.9 a R 3

24.0 9.0 a R 2

R.A. 17h 21m Dec. +1.6

Plate 1373

5.9 11.2 a R 1

5.6 11.9 F 2872 K=H 1

5.4 13.1 F 2873 K=H 1

6.0 19.3 F 2874 K=H 2

6.8 17.3 E K=H 3

8.0 6.9 a K=H 1

7.3 8.9 H K=H 1

8.0 11.9 E K=H 1

8.4 11.8 F 2875 K=H 1

8.2 15.8 F 2876 K=H 3

9.4 13.8 E K=1.2H 4

9.6 15.5 a K=H 1

10.0 22.5 F 2877 K=H 1

10.0 23.7 a R 1

10.3 8.1 a R 1

10.2 9.0 a R 3

10.5 29.5 K K=1.2H 4

11.6 13.0 E K=H 2

11.2 14.2 F 2878 K=H 1

12.0 14.6 a K=H 4

13.0 15.5 G5H K=H 1

12.2 22.4 F 2879 K=H 2

12.5 23.5 F 2880 K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec	GD. No.	R.A. 1855	Dec. 1855	Magn.
16h 25.4m	+5°.9	+5 3223	16h 25.5m	+5° 50'	5.9
16 53.5	+6.8	+6 3332	16 53.4	+6 48	7.0
17 27.9	-2.8	-2 4402	17 27.9	-2 47	7.5
17 26.6	-2.9(+)	-2 4398	17 26.5	-2 57	7.0
17 15.9	-2.9(+)	-2 4346	17 15.9	-2 59	7.4
17 11.3	-2.7	-2 4330	17 11.3	-2 89	6.1
17 15.3	-2.2	-2 4343	17 15.3	-2 14	6.3
17 36.5	-1.8	-1 3384	17 36.5	-1 44	7.7
17 32.7	-2.1				
17 26.9	-1.7	-2 4425	17 32.7	-2 4	6.2
17 26.9	-1.7	-1 3358	17 26.9	-1 40	8.0
17 27.3	-1.5	-1 3362	17 27.4	-1 30	8.0
17 18.5	-1.5	-1 3329	17 18.4	-1 29	6.7
17 23.0	-0.9(+)	-0 3300	17 22.9	-0 56	5.4
17 19.1	-0.9	-0 3285	17 19.2	-0 52	7.7
17 5.0	-0.6	-0 3241	17 4.9	-0 36	7.6
17 2.8	-0.6	-0 3234	17 2.7	-0 33	8.0
17 34.3	-0.6	-0 3346	17 34.2	-0 36	8.1
17 32.5	-0.6	-0 3338	17 32.5	-0 32	6.5
17 9.2	-0.3	-0 3255	17 9.2	-0 16	4.3
17 24.5	+0.1	+0 3709	17 24.5	+0 10	6.8
17 22.1	-0.0	-0 3296	17 22.1	-0 2	8.0
17 21.5	+0.5	+0 3696	17 21.4	+0 28	9.2
		3697	17 21.4	+0 28	5.5
17 19.1	+0.9(+)	+0 3690	17 19.2	+0 58	7.2
17 5.5	+0.5	+0 3654	17 5.5	+0 33	7.0
17 2.9	+0.7	+0 3649	17 2.9	+0 41	7.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 1373

D H Cl. Rem. Klumpke Int.

13.6	5.8	H	R 1
13.5	11.1	a	R 2
13.7	13.6	F 2881	K=H 2
13.4	14.4	a	R 1
13.9	20.5	B 2882	R 3
14.7	13.2	H	R 1
14.6	13.6	E	K=H 1
14.5	14.2	a	R 1
14.3	18.2	E	K=H 2
14.9	20.0	F 2883	K=H 2
15.5	19.4	E	K=H 2
15.6	19.5	E	K=H 1
15.7	18.9	E	K=H 1
15.7	20.7	a	K=0.1H 3
16.6	6.5	a	R 3
16.8	9.5	F 2884	K=H 1
17.0	13.0	B 2885	R 2
16.8	13.3	E	K=H 3
16.8	20.9	a	R 1
17.5	14.2	a	R 1
18.0	16.1	a	K=0.3H 2
18.0	17.9	a	K=H 1
17.7	19.8	F 2886	K=H 2
18.2	9.3	H	K=H 1
18.5	9.4	3H	K=H 2
19.7	8.6	a	R 1
19.6	15.5	K	K=H 4
20.4	9.3	K	K=1.5H 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R. A. 1855	Dec. 1855		Magn.
17h 39.7m	+1.1	+1° 3501	17h 39.0m	+1°	7′	6.8
17 28.5	+1.1	+1 3463	17 28.5	+1	6	7.7
17 23.5	+1.2	+1 3449	17 23.5	+1	15	7.5
17 21.8	+1.0	+1 3440	17 21.8	+1	4	7.8
17 9.2	+1.4	+1 3408	17 9.2	+1	23	5.5
17 24.1	+1.8	+1 3450	17 24.2	+1	47	7.2
17 23.5	+1.7	+1 3448	17 23.5	+1	42	8.2
17 22.3	+1.7	+1 3443	17 22.3	+1	40	8.0
17 13.8	+1.6	+1 3421	17 13.8	+1	35	7.2
17 10.3	+1.9	+1 3411	17 10.3	+1	55	6.8
17 31.8	+2.1	+2 3373	17 31.8	+2	7	6.7
17 31.7	+2.1	+2 3372	17 31.8	+2	9	8.5
17 12.4	+2.2	+2 3296	17 12.5	+2	19	7.0
17 8.9	+2.3	+2 3283	17 8.9	+2	21	6.5
17 37.2	+2.7	+2 3390	17 37.3	+2	40	6.5
		+2 3391	17 37.3	+2	40	6.5
17 31.7	+2.8	+2 3370	17 31.7	+2	45	7.8
17 24.8	+2.9	+2 3341	17 24.8	+2	56	7.8
17 24.0	+2.9	+2 3337	17 24.1	+2	51	5.5
17 8.6	+2.9	+2 3281	17 8.6	+2	52	8.4
17 22.3	+3.1	+3 3423	17 22.3	+3	8	8.2
17 18.3	+3.4	+3 3404	17 18.3	+3	27	7.5
17 14.6	+3.4	+3 3389	17 14.7	+3	27	8.5
17 10.8	+3.5	+3 3379	17 10.8	+3	18	7.0
17 32.1	+3.8	+3 3466	17 32.3	+3	29	7.2
17 32.0	+3.7	+3 3465	17 32.1	+3	39	6.5
17 33.5	+4.2	+4 3476	17 33.6	+4	13	7.8
17 19.4	+4.2	+4 3422	17 19.3	+4	16	4.0
17 36.1	+4.6	+4 3489	17 36.3	+4	38	3.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 10, 1893

Plate 1073

O H Cl. Rem. Klinkerfues Int.

	20.4	9.9	a	K=H 1
	20.1	17.6	a	R 1
	20.8	23.2	F 2887	K=H 1
	21.4	17.8	E	K=H 1
	21.5	20.6	a	K=H 1
	22.5	5.9	a	R 1
	22.5	18.8	a	K=H 1
	23.3	6.0	a	R 1
	23.4	11.6	F 2888	K=H 1
	23.5	19.4	a	K=H 2
1	10	24.0	8.2	D K=H 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec	BD. No.	R.A. 1855	Dec. 1855	Magn.
17h 31.8m	+4°6	+4 3464	17 31.0	+4 34	8.1
17 15.2	+4.4	+4 3406	17 15.3	+4 29	8.7
17 4.2	+4.9	+4 3349	17 4.2	+4 52	7.1
17 14.9	+5.1	+5 3378	17 14.9	+5 10	6.8
17 9.3	+5.3	+5 3360	17 9.4	+5 18	8.0
17 39.0	+5.8	+5 3482	17 38.9	+5 45	7.8
17 12.9	+5.7	+5 3370	17 12.9	+5 40	8.2
17 38.8	+5.9	+5 3481	17 38.8	+5 58	7.3
17 27.7	+6.1	+6 3456	17 27.7	+6 8	8.0
17 11.8	+6.2	+6 3386	17 11.8	+6 15	7.0
17 34.5	+6.4	+6 3498	17 34.5	+6 24	6.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 18h 2.0m Dec. + 1.7

July 12 1893

Plate 1483

h m
23 35

V H Cal. Rim Nr. Klinkerfues Int.

4.3	7.5	F	2889	K=H 1
4.2	11	5	a	K=0.3H2
5.0	15.9	F	2890	K=H 1
5.0	18.1	F	2891	K=H 1
4.0	19.1	F	2892	K=H3
5.5	8.8	b	3K	K=1.5H4
5.3	11.1	c		K=H 1
8.0	7.0	a		K=H 1
9.0	10.5	a		K=H 1
7.9	12.9	a		K=0.5H1
8.0	22.4	a		N 2
9.0	7.6	a		N 1
8.8	8.3	a		N 1
8.5	10.5	a		K=H1
8.3	10.7	a		K=H1
10.3	16.3	c		K=H 2
11.5	5.9	a		N 3
11.5	12.2	c		K=H1
12.0	14.8	c		K=H 1
11.3	20.9	a		K=0.1H3
12.7	6.5	q		K=H1
13.0	11.0	a		K=H 2
12.3	14.3	a		K=0.2H 1
12.4	19.2	a		K=0.1H 2
12.5	21.2	B	2893	N 3
13.6	1.1	F	2894	K=H 1
13.6	18.5	a		K=0.1H 4
13.8	23.1	H		K=H1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855

R.a	Decl	B.D.	No.	R.A. 1855.	Dec. 1855.		Magn.
18h 16.5m	− 3.7°	−3	4277	18	16.4	−3 39	6.5
18 8.4	− 3.7	−3	4259	18	8.3	−3 39	6.6
17 59.4	− 3.3	−3	4237	17	59.3	−3 15	7.0
17 54.9	− 3.1	−3	4225	17	54.9	−3 9	6.5
17 53.0	− 3.7	−3	4217	17	52.8	−3 40	5.2
18 13.8	− 2.9	−2	4599	18	13.8	−2 56	3
18 9.4	− 3.1	−3	4263	18	9.3	−3 2	6.5
18 17.5	− 1.6	−1	3486	18	17.4	−1 39	6.5
18 10.5	− 2.1	−2	4588	18	10.5	−2 5	8.2
18 5.7	− 1.8	−1	3461	18	5.8	−1 45	7.3
17 46.5	− 1.6	−1	3416	17	46.6	−1 34	7.1
18 16.4	− 1.2	−1	3481	18	16.3	−1 12	7.6
18 14.9	− 1.3	−1	3476	18	14.9	−1 16	7.1
18 10.5	− 1.4	−1	3469	18	10.6	−1 22	7.6
18 10.1	− 1.5	−1	3468	18	10.2	−1 30	7.6
17 58.7	− 0.5	−0	3414	17	58.7	−0 27	6.5
18 19.7	+ 0.1	+0	3936	18	19.8	+0 7	5.4
18 7.0	+ 0.1	+0	3892	18	7.1	+0 9	7.5
18 2.1	+ 0.4	+0	3865	18	2.1	+0 22	8.0
17 49.5	+ 0.1	+0	3816	17	49.6	+0 6	6.2
18 18.6	+ 0.7	+0	3931	18	18.7	+0 43	7.0
18 9.7	+ 0.9	+0	3907	18	9.7	+0 57	6.8
18 3.0	+ 0.5	+0	3870	18	3.0	+0 31	7.9
17 52.9	+ 0.6	+0	3832	17	52.9	+0 38	7.1
17 49.0	+ 0.7	+0	3813	17	49.6	+0 43	5.8
17 57.1	+ 1.2	+1	3576	17	57.2	+1 14	7.7
17 54.4	+ 1.3	+1	3560	17	54.4	+1 19	4.5
17 45.3	+ 1.3	+1	3528	17	45.3	+1 21	6.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 12, 1893

Plate 1483

D H Cl. Rem. No. Kline Int.

15.0	15.0	F	2895	K=H 2
14.3	16.3	a		N 1
15.0	16.5	H		N 1
14.9	17.0	B	2896	N 3
14.4	18.0	a		N 1
15.8	11.5	9na		N 1
15.8	12.6	H		K=H 1
15.8	14.5	E		K=H 1
15.5	15.3	a		K=0.4H 2
16.0	15.1	a		K=H 1
16.0	15.9	H		N 1
16.0	16.9	G	39	K=1.2H 4
15.6	20.6	a		N 2
15.8	19.9	a		N 1
15.3	21.6	a		K=H 1
17.0	13.0	a		K=0.2H 2
16.9	13.2	a		K=0.2H 2
16.4	14.8	a		N 1
16.2	17.9	a		K=H 1
16.9	19.1	B	2897	N 5
17.8	9.1	G		K=H 3
18.0	11.8	a		K=H 1
17.9	14.2	G	9	K=H 2
17.3	14.6	F	2898	K=H 3
18.5	12.1	a		N 1
19.0	14.8	F	2899	K=H 3
16.8	17.2	F	2900	K=H 1
18.4	15.4	a		K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855

Ra. h m	Dec °	BD. No.	R.A. 1855. h m	Dec. 1855. °	Magn.
18 1.5	+1.9 +1	3604	18 1.6	+1 58	7.0
17 58.7	+1.6 +1	3589			
17 58.4	+2.0				
17 57.3	+1.9 +1	3578	17 57.3	+1 56	6.5
17 55.5	+1.6 +1	3566	17 55.5	+1 36	8.7
18 8.9	+2.3 +2	3547	18 8.8	+2 21	6.3
18 6.5	+2.3 +2	3537	18 6.6	+2 22	6.8
18 2.9	+2.3 +2	3514	18 2.8	+2 22	8.8
18 0.9	+2.2 +2	3498	18 0.8	+2 12	6.8
18 1.4	+2.4 +2	3503			
18 0.1	+2.5 +2	3493	18 0.1	+2 28	7.1
17 58.1	+2.5 +2	3482	17 58.1	+2 33	4.0
17 50.5	+2.3 +2	3436	17 50.6	+2 17	7.0
17 52.1	+2.3 +2	3447	17 52.2	+2 22	8.8
17 48.3	+2.1 +2	3427	17 48.3	+2 7	7.1
18 5.7	+2.9 +2	3532	18 5.8	+2 57	7.1
18 5.5	+2.8 +2	3528	18 5.4	+2 47	6.8
18 2.2	+2.6 +2	3510	18 2.2	+2 35	8.4
17 56.1	+2.5 +2	3473	17 56.1	+2 30	8.0
17 53.5	+2.9 +2	3458	17 53.4	+2 55	4.0
		3459	17 53.4	+2 55	8.5
18 13.6	+3.3 +3	3680	18 13.6	+3 19	5.5
18 8.2	+3.5 +3	3647	18 8.2	+3 28	8.7
18 3.5	+3.3 +3	3620	18 3.4	+3 18	6.0
18 2.6	+3.1 +3	3613	18 2.7	+3 7	6.5
18 7.6	+3.6 +3	3643	18 7.7	+3 38	8.2
18 2.5	+3.9 +3	3610	18 2.4	+3 58	6.2
18 57.2	+3.5 +3	3578	17 57.1	+3 31	8.5
18 0.6	+3.7 +3	3597			

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 12, 1893

Plate 1483

8	11	cl	Rem Nr.	Kline Init.
16.1	18.6	a		K=H 1
19.5	19.3	⅓B	2901	Nr 4
20.3	14.5	a		Nr 1
20.4	16.6	F	2902	K=H 1
19.9	21.0	a		Nr 1
21.3	6.9	a		Nr 2
21.8	7.8	a		Nr 1
21.9	8.8	a	2903	Nr 2
21.4	10.3	a		Nr 1
21.1	19.8	a		K=H 1
21.5	21.4	a		Nr 1
22.6	10.9	a		Nr 1
22.7	13.1	a		Nr 1
22.4	14.0	a		K=H 1
23.6	18.9	⅓B	2904	Nr 2
24.1	19.3	a		Nr 2
24.1	20.9	a		Nr 2
23.3	22.8	F	2905	K=H2

R.A. 18.6 [437] Dec. +1.7

Plate 3168

4.2	11.7	a		K=H 2
4.6	16.6	H		Nr 1
4.4	18.2	F	2906	K=H 2
5.2	7.6	F	2907	K=H 1
5.6	16.4	H		K=H 1
5.0	18.6	H		Nr 1
6.0	21.[6]	H		Nr 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855

R.a	Dec		BD. No.	R.A. 1855	Dec. 1855		Magn.
17h 54m.4	+3°.5	+3	3564	17 54.8	+3	32	8.2
			3565	17 54.4	+3	31	8.2
17 53.1	+4.3	+4	3570	17 53.1	+4	22	5.3
18 2.5	+4.6	+4	3624	18 2.6	+4	35	8.1
17 58.5	+4.6	+4	3589	17 58.5	+4	40	7.2
			3590	17 58.6	+4	40	9.4
17 49.6	+4.4	+4	3556	17 49.6	+4	24	8.0
18 18.0	+5.1	+5	3730	18 18.0	+5	1	7.0
18 16.5	+5.2	+5	3720	18 16.4	+5	16	8.1
18 14.3	+5.4	+5	3704	18 14.4	+5	23	6.9
18 11.4	+5.1	+5	3685	18 11.3	+5	5	8.0
17 52.9	+4.9		51.9 ?				
17 49.0	+5.2	+5	3544	17 48.9	+5	12	8.0
18 10.1	+5.7	+5	3673	18 10.2	+5	42	8.0
18 5.7	+5.8	+5	3643	18 5.7	+5	48	8.1
18 4.0	+5.6	+5	3630	18 4.0	+5	38	8.4
17 53.8	+6.3	+6	3597	17 53.8	+6	16	7.0
17 53.2	+6.6	+6	3593	17 53.1	+6	34	7.5
17 50.0	+6.5	+6	3578	17 49.9	+6	30	6.8
17 46.2	+6.1	+6	3566	17 46.2	+6	8	5.9

1855

R.a	Dec.						
18h 43m.8	−3°.5	−3	4392	18 43.8	−3	29	6.5
18 34.0	−3.3	−3	4354	18 34.0	−3	15	7.2
18 31.0	−3.3	−3	4331	18 30.8	−3	19	6.5
18 52.0	−3.0	−3	4439	18 52.0	−3	2	7.4
18 30.4	−2.7	−2	4678	18 30.4	−2	42	7.0
18 30.0	−3.1	−3	4325	18 29.9	−3	2	7.2
18 24.1	−2.5	−2	4647	18 24.2	−2	30	7.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 12. 1893

Plate 3168

V H Cl. Rem. Nr. K line Int.

7.0	9.2	a		N 3
6.2	9.6	F	2908	K=H 1
6.9	17.3	H		N 1
9.0	9.3	F	2909	K=H 1
8.8	12.8	a		N 1
8.3	14.2	a		K=O H 3
6.1	16.1	a		N 2
8.4	18.2	F	2910	K=H 2
7.9	20.8	a		N 1
8.3	21.4	a		N 3
9.9	15.0	a		N 2
10.0	18.5	a		N 3
9.3	21.3	a		K=H 2
10.3	11.4	F	2911	K=H 1
10.2	14.6	F	2912	K=H 1
10.2	16.4	a		K=H 1
10.9	17.5	H		N 1
11.0	23.8	a		N 3
11.0	23.5	a		N 1
11.8	5.3	H		N 1
11.0	15.0	H		N 1
11.3	16.6	H		N 1
12.9	18.2	a		N 2
12.8	10.0	F	2913	K=H 2
12.4	10.3	a		K=H 1
12.2	12.6	a		N 3
12.5	18.8	F	2914	K=H 2
13.0	22.4	a		K=H 1

? no red ink bottom plate

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.882F

1855

R.a Zlec.			BD No.	R. A. 1855.	Dec. 1855.		Magn.	
h	m	°		h m	°	′		
18	48.9 −1.9	−1	3602	18 48.9	−1	38	6.5	
18	48.0 −2.5	−2	4784	18 48.0	−2	29	8.0	
18	31.6 −2.1	−2	4686	18 31.7	−2	4	7.5	
18	48.9 −1.0	−0	3599	18 48.8	−0	59	8.1	
18	41.7 −1.1	−1	3570	18 41.8	−1	8	8.0	
18	39.0 −1.1	−1	3559	18 39.0	−1	7	6.1	
18	35.0 −1.4	−1	3544	18 35.0	−1	26	8.2	A.B. Magn. 8.2 Intensity 2
18	30.7 −1.2	−1	3529	18 30.8	−1	14	6.7	
18	25.6 −1.6	−1	3508	18 25.6	−1	33	8.2	
18	24.5 −1.1	−1	3504	18 24.5	−1	6	6.7	
18	37.5 −0.5	−0	3543	18 37.5	−0	31	7.2	
18	30.1 −0.4	−0	3521	18 30.2	−0	26	5.5	
18	23.9 −0.6	−0	3501	18 23.9	−0	35	7.0	
18	44.7 −0.4	−0	3578	18 44.7	−0	24	8.1	
18	38.2 −0.4	−0	3546	18 38.3	−0	25	8.3	
18	36.5 −0.4	−0	3540	18 36.5	−0	21	8.0	
18	32.4 +0.1	+0						
18	19.8 +0.1	+0	3936	18 19.8	+0	7	5.4	
18	20.5 +0.1	+0	3940	18 20.4	+0	7	8.1	
18	55.9 +0.4	+0	4088	18 55.9	+0	22	7.5	
18	37.1 +0.0	+0	4005	18 37.2	+0	1	8.4	
18	34.1 +0.4	+0	3993	18 34.0	+0	26	7.8	
18	47.5 +0.9	+0	4051	18 47.5	+0	57	7.6	
18	46.0 +0.7	+0	4045	18 46.1	+0	42	7.8	
18	42.2 +0.7	+0	4027	18 42.2	+0	41	6.5	
18	29.7 +0.8	+0	3975	18 29.8	+0	50	6.8	
18	22.5 +1.1	+1	3689	18 22.6	+1	5	8.0	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 12, 1893

Plate 3168

V H Cl. Rem. Klinc Smt.

13.4	7.7	a		N 2
13.6	8.9	F	2915	K=H 1
14.0	10.9	F	2916	K=H 2
14.0	13.6	F	2917	K=H 1
13.3	14.5	a		N 2
13.2	17.3	F	2918	K=H 1
14.2	5.6	a		K=0.3 H 3
14.1	7.2	H		N 1
14.4	10.2	E		K=H 1
14.6	15.0	a		N 4
14.9	16.4	a		K=H 1
14.4	20.6	a		K=H 1
14.8	6.6	H		N 1
15.6	6.8	E		K=H 1
15.6	8.8	a		N 3
15.5	8.9	E		K=H 1
15.5	9.2	E		K=H 2
15.8	13.8	E		K=H 1
15.8	15.4	E		K=H 1
15.9	17.1	F	2919	K=H 1
16.6	11.5	E		K=H 1
16.9	18.6	a		K=H 1
16.9	20.0	a		N 2
16.5	18.7	a		N 1
16.9	21.9	a		N 1
17.5	9.5	a		N 2
17.3	15.3	a		K=H 1
16.7	15.6	H		N 1

should this not be V. 15.8?

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj - 882F

1855

R.a 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855		Magn.	
18h 52.0m +1.2°	+1	3843	18	52.0	+1	13	8.2 N.B. magn. 8.2 Intensity 2
18 49.7 +1.3	+1	3827	18	49.7	+1	19	7.7
18 45.7 +1.6	+1	3803	18	45.8	+1	35	7.8
18 40.4 +1.6	+1	3783	18	40.3	+1	37	8.1
18 38.5 +1.2	+1	3773	18	38.6	+1	10	7.7
18 32.9 +1.2	+1	3743	18	32.7	+1	10	7.8
18 56.1 +1.6	+1	3867	18	56.2	+1	36	6.0
18 53.2 +1.5	+1	3848	18	53.1	+1	34	9.5
		3849	18	53.1	+1	33	8.1
18 47.1 +1.7	+1	dbl					
18 37.5 +1.9	+1	3766	18	37.5	+1	55	5.0
18 34.5 +2.1	+2	3655	18	34.6	+2	4	8.2
18 26.2 +1.8	+1	3712	18	26.2	+1	48	7.6
18 54.0 +2.3	+2	3753	18	53.9	+2	17	7.3
18 50.0 +2.3	+2	3738	18	50.0	+2	21	5.8
18 49.7 +2.2	+2	3737	18	49.7	+2	16	8.2
18 49.1 +2.3	+2	3730	18	49.1	+2	17	7.0
18 39.9 +2.4	+2	3683	18	39.9	+2	27	8.7
18 36.6 +2.5	+2	3668	18	36.6	+2	29	7.8
18 33.4 +2.6	+2	3646	18	33.2	+2	34	7.9
		3648	18	33.3	+2	34	9.4
18 44.5 +2.9	+2	3699	18	44.5	+2	52	7.8
18 30.2 +3.1							
18 27.2 +3.0	+3	3747	18	27.3	+3	2	7.5
18 29.9 +2.8	+2	3626	18	29.9	+2	52	8.0
18 23.5 +3.1	+3	3729	18	23.6	+3	4	7.8
18 48.5 +3.2	+3	3836	18	48.5	+3	16	7.1
18 36.8 +3.2	+3	dbl					
18 36.3 +3.0	+3	3666	18	36.3	+2	58	8.4

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 12, 1893

Plate 3168

where is this star?					
magn?					
Magn.?					

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855

R.a	Dec.		BD. No.	R.a 1855.	Dec. 1855		Magn.
h m 18 36.1	+3.6	+3	3784	18 36.2	+3	39	7.9
18 35.1	+3.3	+3	3778	18 35.2	+3	21	8.5
18 29.7	+3.7	+3	3755	18 29.7	+3	41	7.6
18 25.0	+3.6	+3	3737	18 24.9	+3	34	6.7
18 20.6	+3.6	+3	3716	18 20.6	+3	40	6.7
18 49.5	+4.1	+4	3919	18 49.4	+4	4	7.3
18 49.0	+4.0	dbl					
18 45.5	+3.9	+3	3821	18 45.5	+3	53	8.1
18 41.0	+4.1	+4	3884	18 40.9	+4	5	6.5
18 34.9	+3.9	+3	3777	18 34.9	+3	54	8.1
18 27.1	+3.7	+3	3746	18 27.2	+3	44	8.1
18 22.9	+3.9	+3	3727	18 22.9	+3	58	7.0
18 52.9	+4.4	+4	3939	18 52.8	+4	25	8.3
18 34.2	+4.4	+4	3838	18 34.2	+4	25	7.3
18 23.5	+4.4	+4	3774	18 23.5	+4	25	7.2
18 39.0	+5.0	+5	3948	18 39.2	+5	0	8.0
18 32.5	+5.1	+5	3891	18 32.5	+5	8	6.7
18 31.5	+4.7	+4	3813	18 31.5	+4	44	7.1
18 29.4	+4.8	+4	3806	18 29.3	+4	50	7.0
18 28.5	+4.8	+4	3801	18 28.5	+4	50	7.0
			3802	18 28.5	+4	50	9.1
18 38.2	+5.3	+5	3941	18 38.3	+5	21	6.3
18 30.7	+5.8	+5	3846	18 30.7	+5	46	6.8
18 26.5	+5.5	+5	3786	18 26.5	+5	30	8.2
18 23.9	+5.7	+5	3772	18 23.9	+5	39	7.8
18 51.2	+6.1	+6	3989	18 51.3	+6	3	6.8
18 48.5	+6.4	+6	3978	18 48.4	+6	27	5.8
18 29.6	+6.6	+6	3855	18 29.6	+6	33	5.8
18 21.0	+6.4	+6	3790	18 20.9	+6	7	6.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 12. 1893

Plate 698

Q H Cl. Rem. Nr. Klme Int.

7.5 10.3 13 2923 N 3
7.6 18.3 F 2924 K=H 1
8.9 8.3 a K=0.1 H 2
8.4 18.2 a N 3
9.2 13.6 a N 1
9.6 15.3 H K=H 1
10.9 9.4 a N 1
10.6 10.6 a N 1
10.7 15.2 F 2925 K=H 3
9.4 23.6 a N 2
10.8 19.0 H N 1
11.0 19.2 F 2926 K=H 1
12.2 19.2 6 5 K K=H 3
13.1 9.9 E K=H 1
13.9 14.1 a N 3
14.0 19.5 a N 2
15.8 10.9 F 2927 K=H 1
15.8 14.4 13 2928 N 2
14.6 21.6 a N 3
15.3 22.4 a N 1
16.7 9.2 a N 2
16.8 13.3 13 2929 N 2
16.1 15.7 F 2930 K=H 4
17.5 11.8 F 2931 K=H 1
17.4 14.3 a K=H 1
19.3 14.7 F 2932 K=H 1
19.5 18.2 a K=H 1
19.6 20.1 a K=0.3 H 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855.

R.A. h m	Dec. °	BD. No.	R.A. 1855.	Dec. 1855	Magn.
19 29.2	-1.6	-1 3782	19 29.2	-1 36	4.2
19 13.0	-1.6	-1 3715	19 12.9	-1 34	7.0
19 33.2	-0.9	-0 3813	19 33.3	-0 57	5.8
19 13.2	-1.2	-1 3716	19 13.1	-1 9	5.3
19 22.9	-0.8	-0 3762	19 22.6	-0 45	7.2
19 14.9	-0.5	-0 3725	19 14.9	-0 33	5.0
19 30.9	+0.0	+0 4265	19 ~~30.9~~ 31.0	+0 1	7.0
19 28.5	-0.1	-0 3789	19 28.6	-0 4	7.2
19 19.0	+0.1	+0 4206	19 19.1	+0 3	5.0
19 2.4	-0.7	-0 3662	19 2.4	-0 39	7.0
19 11.4	+0.1	+0 4170	19 11.4	+0 5	7.0
19 11.0	+0.2	+0 4166	19 11.1	+0 10	7.0
19 11.0	+0.8	+0 4168	19 11.2	+0 50	5.0
19 30.5	+1.2	+1 4050	19 30.5	+1 11	7.6
19 21.6	+1.7	+1 4010	19 21.7	+1 40	6.3
19 10.5	+1.8	+1 3960	19 10.5	+1 47	6.5
19 28.1	+2.6	+2 3932	19 28.1	+2 36	7.2
19 21.1	+2.7	+2 3892	19 21.1	+2 38	7.0
19 6.4	+2.1	+2 3824	19 6.4	+2 3	5.6
19 4.4	+2.4	+2			
19 31.5	+3.1	+3 4097	19 31.6	+3 3	7.0
19 23.1	+3.1	+3 4043	19 23.3	+3 8	7.0
		& ~~4044~~	~~19 23.4~~	~~+3 9~~	~~9.5~~
19 18.2	+2.8	+2 3879	19 18.2	+2 50	3.2
19 26.4	+3.4	+3 4065	19 26.4	+3 28	7.4
19 21.5	+3.4	+3 4033	19 21.4	+3 25	8.1
19 20.5	+4.4	+4 4114	19 20.5	+4 26	6.7
19 13.1	+4.5	+4 4071	19 13.1	+4 31	6.8
19 9.4	+4.6	+4 4045	19 9.3	+4 35	5.7

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 12 1893

Plate 698

V H Cl. Rem. Klinkert

20.7 9.0 73 2933 R 3
20.1 12.8 a R 1
21.0 21.5 a R 2
22.2 23.9 F 2934 K=H 2
23.2 20.0 a R 2

R.A. 22.6 Dec. +1.4°

Plate 2957

3.8 9.7 a R 2
5.4 9.1 G-D K=H 2.
6.6 12.5 a R 1
6.9 21.1 D K=H 2
7.4 9.1 F 2935 K=H 3
9.0 12.9 a K=H 2
8.6 15.7 F 2936 K=H 1
9.4 6.7 H R 1
9.5 8.8 H R 1
9.7 20.0 a K=H 2
9.7 20.5 a R 5
9.9 23.8 F 2937 K=H 5
11.0 7.1 C K=H 1
10.4 7.6 a R 2
10.4 8.0 G K=H 3
10.4 16.7 a K=H 2
10.7 16.8 F 2938 K=H 2
10.8 19.8 a K=H 1
10.3 23.1 a R 2
11.9 8.6 G-D K=H 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.882F

1855

R.a.	Dec.	BD. No.	R.a. 1855	Dec. 1855	Magn.
19h 32.1m	+5.1°	+5 4225	19 32.0	+5 4	5.0
19 24.5	+4.7	+4 4138	19 24.6	+4 43	7.8
19 6.5	+5.3	+5 4081	19 6.6	+5 16	6.0
19 2.0	+5.8	+5 4040	19 1.9	+5 52	5.0
19 9.5	+6.3	+6 4075	19 9.5	+6 20	7.2

1855

R.a.	Dec.					
22h 49.6m	−4.1°	−4	5793	22 49.6	−4 1	7.0
22 50.7	−3.2	−3	5539	22 50.8	−3 10	6.3
22 44.1	−2.6	−2	5840	22 44.1	−2 35	7.8
22 26.5	−2.3	−2	5781	22 26.6	−2 19	6.3
22 50.7	−2.2	−2	5858	22 50.9	−2 11	6.8
22 43.0	−1.3	−1	4351	22 43.3	−1 20	7.5
22 37.5	−1.5	−1	4343	22 37.5	−1 28	7.5
22 55.7	−1.2	−1	4382	22 55.7	−1 12	7.7
22 51.5	−1.1	−1	4364	22 51.4	−1 6	7.5
22 29.0	−0.9	−0	4386	22 28.9		
22 27.9	−0.9	−0	4384	22 27.9	−0 52	3.9
22 21.5	−0.8	−0	4365	22 21.4	−0 45	3.3
22 55.0	−0.4	−0	4449	22 55.0	−0 20	7.8
22 54.0	−0.7	−0	4445	22 54.0	−0 40	8.3
22 53.2	−0.6	−0	4443	22 53.2	−0 35	6.8
22 35.4	−0.5	−0	4406	22 35.4	−0 31	7.5
22 35.2	−0.7	−0	4405	22 35.3	−0 40	7.7
22 29.2	−0.4	−0	4387	22 29.2	−0 23	8.0
22 22.6	−0.6	−0	4371	22 22.7	−0 36	7.7
22 52.0	+0.2	+0	4950	22 52.0	+0 12	6.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj - 882F

July 12. 1893

Plate 2957

V. H. Cl. Rem. Kline Int.

12.0	10.8	a	K=0.3H3
11.2	20.9	H	K=H2
12.6	5.6	9 2H	K=H2
12.5	16.4	a	K=0.8H2
12.4	18.2	E	K=H1
12.1	18.3	F 2939	K=H1
12.2	21.8	H	K=H2
13.7	11.5	H	K=H2
13.5	18.5	G5H	K=H2
13.9	19.5	H	K=1
13.7	21.3	E	K=H1
14.0	23.1	$E	K=H1
14.6	19.0	G5H	K=H1
15.9	8.0	9	K=H3
15.2	13.4	H	K=1
15.4	14.6	F 2940	K=H1
15.1	20.5	E	K=H1
15.1	22.0	H	K=H2
15.9	21.8	H	K=2
16.6	6.3	F 2941	K=H1
17.0	7.5	G5 9	K=H2
17.0	12.1	a	K=0.3H3
17.6	6.4	a	K=3
17.6	9.6	K	K=H3
18.0	13.1	9	K=H2
17.0	13.9	H	K=1
18.0	14.3	H	K=1
17.2	15.4	a	K=0.3H2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.:882F

1855

R.A.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
22h 47.6m	+0.3°	+0° 4939	22h 47.6m	+0°	17 6.8
22 27.0	−0.2	−0 4383	22 27.2	−0	8 7.5
22 58.0	+0.5	+0 4963	22 57.9	+0	32 7.2
22 35.5	+0.5	+0 4912	22 35.6	+0	27 7.5
22 32.5	+0.5	+0 4905	22 32.6	+0	27 8.3
22 32.4	+0.3	+0 4904	22 32.4	+0	17 8.5
22 25.2	+0.3	+0 4892	22 25.3	+0	22 8.2
22 46.5	+1.1	+1 462	22 46.5	+1	3 8.0
22 38.0	+1.0	+0 4921	22 38.0	+0	60 7.8
22 29.9	+1.2	+1 4634	22 29.9	+1	10 8.3
22 26.4	+1.1	+1 4626	22 26.4	+1	7 8.0
22 23.1	+1.3	+1 4620	22 22.9	+1	18 8.0
22 31.6	+1.5	+1 4635	22 31.1	+1	32 8.0
22 53.4	+2.2	+2 4594	22 53.4	+2	14 6.8
22 42.0	+1.8	+1 4652	22 42.0	+1	50 8.7
22 40.1	+2.1	+2 4562	22 40.1	+2	8 8.0
22 28.1	+1.8	+1 4631	22 28.2	+1	49 8.2
22 25.0	+1.8	+1 4623	22 25.0	+1	51 7.7
22 25.5	+2.2	+2 4516	22 25.4	+2	16 8.0
22 56.7	+2.5	+2 4603	22 56.7	+2	31 7.7
22 54.4	+2.7	+2 4597	22 54.4	+2	46 7.5
22 45.2	+2.8	+2 4573	22 45.2	+2	47 6.5
22 56.5	+3.0	+3 4818	22 56.6	+3	1 4.7
22 50.2	+3.1	+3 4799	22 50.2	+3	1 6.5
22 43.2	+3.3	+3 4782	22 43.3	+3	18 7.5
22 41.6	+2.7	+2 4564	22 41.6	+2	46 8.8
22 40.9	+3.2	+3 4774	22 40.8	+3	13 7.5
22 38.1	+2.8	+2 4555	22 38.0	+2	56 8.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 12. 1893.

Plate 2957
8 H Cl. Rem. Klumpke Smt.

17.3 15.6 H IV 1
17.6 16.3 F 2942 K=H 2
18.5 5.9 F 2943 K=H 2
18.9 3.5 E K=H 2
18.7 8.7 F 2944 K=H 2
18.4 11.6 a K=H 1
18.5 13.9 F 2945 K=H 1
19.0 18.0 F K=H 2
18.9 18.8 a K=0.3H 2
18.2 20.7 E K=1H 1
18.3 21.0 a IV 3
18.6 22.9 H K=1H 1
18.7 23.3 a K=H 3
19.5 12.5 a K=H 2
19.7 15.0 a K=H 2
19.8 16.7 H IV 2
19.3 24.3 K K=1.2H 4
20.3 ~~20~~ 20.4 K IV 2
20.2 17.0 a K=0.4H 2
21.7 14.3 F 2946 K=H 2
21.7 14.7 F 2947 K=H 2
23.3 6.4 F 2948 K=H 3
22.7 15.6 a IV 1
22.9 20.0 H IV 1

R.A. 234 Dec. +1.°5
Plate 3071
3.9 13.0 a IV 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855

R.a.	Dec.	B.D. No.	R.A. 1855.	Dec. 1855.		Magn.
h 22	m 38.0 +2.9	+2	4555	22	38.0 +2	56	8.0
22	36.5+3.1	+3	4763	22	36.5 +3	7	7.5
22	57.7+3.4	+3	4822	22	57.6 +3	26	8.0
22	54.2+3.7	+3	4814	22	54.3 +3	40	7.0
22	51.9+3.6	+3	4805	22	52.0 +3	36	6.9
22	46.2+3.4	+3	4791	22	46.3 +3	29	8.5
22	41.5+3.5	+3	4776	22	41.6 +3	32	7.5
22	33.1+3.8	+3	4751	22	33.1 +3	49	6.6
22	31.5+3.8	+3	4745	22	31.5 +3	47	6.5
22	27.6+3.4	+3	4732	22	27.6 +3	24	8.4
22	27.4+3.5	+3	4730	22	27.2 +3	30	7.8
22	23.2+3.6	+3	4716	22	23.3 +3	35	8.0
22	22.5+3.7	+3	4713	22	22.7 +3	41	6.3
22	44.4+4.0	+4	4916	22	44.4 +4	1	7.0
22	39.2+4.1	+4	4903	22	39.4 +4	9	8.0
22	35.5+4.2	+4	4896	22	35.6 +4	12	7.0
22	20.5+3.9	+3	4710	22	20.6 +3	59	4.8
22	34.9+4.4	+4	4894	22	35.0 +4	24	7.5
22	35.5+4.2	+4	4896	22	35.6 +4	12	7.0
22	41.0+5.1	+5	5079	22	40.8 +5	6	7.8
22	40.1+5.1	+5	5077	22	40.2 +5	8	7.8
22	56.7+5.8	+5	5123	22	56.7 +5	50	7.3
22	38.0+5.6	+5	5069	22	37.9 +5	38	8.3
22	29.1+5.7	+5	5042	22	29.2 +5	45	7.7

1855

R.a	Dec.						
h 23	m 25.5 −3.8	−3	0655	23	25.5 −3	49	6.8

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj:882F

July 12, 1893

Plate 3091

ν H Cl. Rem. Klinc Init.

4.8	15.3	a		K=H1
4.5	22.3	a		K=H2
5.4	12.6	a		K=H1
6.1	14.7	g		K=H2
6.7	15.4	f	2949	K=H1
6.7	20.6	H		R1
6.8	21.4	H		R1
7.1	10.4	f	2950	K=H1
7.2	12.4	a		K=0.1H3
7.5	13.5	g		K=H2
7.6	14.7	f	2951	K=H2
8.5	6.9	H		R1
8.1	15.0	f	2952	K=H1
9.5	9.8	a		R1
9.7	22.9	H		R1
10.8	6.2	g5H		K=H1
10.6	9.2	H		K=H1
10.1	7.7	g		K=H2
11.4	14.2	H		R2
11.9	14.5	g		K=H1
11.8	15.8	g5	g	K=H3
12.0	16.0	a		K=0.1H4
11.4	22.7	a		K=H2
13.0	6.6	a		K=H1
12.2	11.8	g		K=H3
12.1	21.6	f	2953	K=H2
13.1	8.5	a		K=0.3H4
13.8	11.4	f	2954	K=H3

where is this star?

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855

R.a	Dec.		BD. No.	R.A. 1855	Dec. 1855		Magn.
23h 20.9m	−3.2°	−3	5642	23	20.6	−3	15 8.8
			5643	23	20.7	−3	15 8.6
23 6.6	−3.4	−3	5592	23	6.6	−3	25 7.1
23 26.2	−3.1	−3	5661	23	26.3	−3	2 7.7
23 22.0	−2.6	−2	5973	23	22.0	−2	35 6.5
23 20.6	−2.3	−2	5965	23	20.6	−2	16 8.7
23 10.2	−2.3	−2	5920	23	10.1	−2	18 8.1
23 8.5	−2.2	−2	5914	23	8.5	−2	13 7.0
23 30.5	−2.2	−2	6000	23	30.7	−2	8 8.1
23 26.6	−2.1	−2	5986	23	26.7	−2	3 6.0
23 24.5	−1.9	−1	4450	23	24.6	−1	52 6.7
23 22.1	−1.9	−1	4443	23	22.1	−1	49 6.5
23 37.6	−1.5	−1	4485	23	37.6	−1	28 7.3
23 21.4	−1.8	−1	4450	23	21.3	−1	37 7.5
23 35.9	−1.0	−0	4560	23	35.9	−0	58 8.1
23 5.6	−0.8	−0	4483	23	5.6	−0	45 7.7
23 39.1	−0.3	−0	4566	23	39.2	−0	16 7.9
23 33.3	−0.4	−0	4547	23	33.3	−0	23 7.5
23 23.1	+0.1	+0	5009	23	23.3	+0	4 7.7
23 22.5	+0.4	+0	5008	23	22.5	+0	22 8.5
23 19.8	+0.3	+0	4999	23	19.8	+0	19 7.2
23 19.5	+0.4	+0	4998	23	19.5	+0	28 5.7
23 6.1	+0.1	+0	4978	23	6.0	+0	9 8.2
23 38.4	+0.9	+0	5042	23	38.4	+0	52 8.6
23 28.1	+0.5	+0	5018	23	28.1	+0	31 7.2
23 8.1	+0.5	+0	4982	23	8.2	+0	31 7.7
23 34.6	+0.9	+0	5037	23	34.7	+0	59 4.6
23 29.0	+1.3	+1	4744	23	29.0	+1	18 6.8

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj...882F

July 12. 1893

Plate 3071
V H Cl. Rem. No. Klinc Int.

14.0	11.8	H		N 1
13.6	12.3	H		N 1
13.3	15.6	F	2955	K=H 2
13.9	18.8	H		K=H 2
13.9	22.6	F	2956	K=H 3
14.6	8.9	H		N 1
14.5	11.6	a		N 1
14.3	14.0	F	2957	K=H 3
14.4	16.1	g		K=H 3
14.5	19.0	F	2958	K=H 2
14.9	22.8	H		K=H 1
14.9	23.2	F	2959	K=H 1
15.9	11.5	a		K=H 2
15.1	18.0	a		N 3
15.6	18.6	H		K=H 1
16.0	20.0 21.0	H		N 1
15.9	20.9	G		K=1.2H 5
15.8	23.9	a		K=H 1
16.6	6.2	N		— 3
16.3	10.6	F	2960	K=H 2
16.9	17.2	g		K=H 3
17.0	18.0	F	2961	K=H 2
17.7	13.4	a		K=H 1
18.8	12.8	H		N 2
18.2	12.9	H		N 2
18.3	16.2	F	2962	K=H 1
19.2	19.3	H		N 1
20.0	14.2	a		K=0.5H 3

should this not be H γ 3?

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855

R.A.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
h m	°		h m	°		
23 27.9	+1.4 +1	4740	23 28.0	+1	24	8.5
23 26.9	+1.2 +1	4737	23 27.0	+1	12	8.5
23 20.2	+1.1 +1	4725	23 20.3	+1	5	8.0
23 13.8	+1.4 +1	4714	23 13.8	+1	24	8.0
23 6.2	+1.4 +1	4696	23 6.3	+1	24	8.0
23 33.9	+1.7 +1	4758	23 33.9	+1	39	8.2
23 28.5	+1.6 +1	4742	23 28.5	+1	38	8.5
23 23.6	+1.5 +1	4731	23 23.7	+1	34	8.0
23 19.4	+1.7 +1	4724	23 19.3	+1	41	8.0
23 13.5	+1.6 +1	4712	23 13.4	+1	40	7.8
23 6.0	+1.9 +1	4695	23 6.6	+1	53	8.2
23 5.2	+1.9 +1	4694	23 5.2	+1	54	8.2
23 28.7	+2.3 +2	4686	23 28.7	+2	20	8.0
23 15.5	+2.0 +2	4660	23 15.5	+2	2	7.8
23 14.3	+2.2 +2	4654	23 14.3	+2	17	8.5
23 11.2	+2.4 +2	4650	23 11.4	+2	28	8.7
23 9.7	+2.5 +2	4648	23 9.6	+2	29	3.8
23 3.8	+2.4 +2	4624	23 3.8	+2	22	8.5
23 39.0	+2.7 +2	4709	23 39.0	+2	41	6.2
23 30.4	+2.6 +2	4690	23 30.4	+2	34	8.0
23 17.0	+2.9 +2	4653	23 16.9	+2	54	7.7
23 15.2	+2.9 +2	4658	23 15.4	+2	58	8.0
23 25.0	+3.2 +3	4867	23 25.0	+3	15	8.5
23 26.0	+3.8 +3	4880	23 26.0	+3	51	8.0
23 25.7	+3.5 +3	4869	23 25.8	+3	33	8.1
23 18.9	+3.5 +3	4860	23 19.0	+3	34	8.3
23 23.2	+4.5 +4	5019	23 23.3	+4	26	7.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 12, 1893.

Plate 3071

V	H	Cl.	Rem.	K line Int.	
19.5	14.4	H			K=H 2
19.4	17.4	F	2960		K=H 3
19.9	17.7	H			K 1
19.5	22.4	a			K 3
19.5	23.8	Ma			K 1
20.8	9.6	F	2964		K=H 4
20.4	12.3	a			K=H 3
20.2	19.3	K			K=H 3
21.9	10.0	a			K=H 1
21.7	15.3	F	2965		K=H 2
21.0	15.5	H			K 1
21.8	17.2	a			K=0.2H 3
22.1	8.9	F	2966		K=H 1
22.3	14.3	a			K 1
22.2	15.4	K			K=1/2H 4
23.3	11.4	H			K 1
24.0	7.2	H			K 1
24.0	8.6	a			K 3
23.7	13.5	F	2967		K=H 2
23.2	19.3	H			K 1
23.9	19.8	H			K 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855

R.A. 1855 h m	Dec. 1855 °	BD. No.	R.A. 1855.	Dec. 1855.		Magn.	
23 22.7	+4.2 +4	5016	23 22.8	+4	13	7.0	
23 16.7	+4.1 +4	5004	23 16.7	+4	8	8.3	Int.?
23 16.0	+4.4 +4	5003	23 16.0	+4	28	8.3	
23 6.5	+4.2 +4	4985	23 6.6	+4	12	7.0	
23 3.9	+4.2 +4	4975	23 3.9	+4	13	7.1	
23 32.5	+4.8 +4	5035	23 32.5	+4	51	4.2	
23 27.0	+4.7 +4	5029	23 27.0	+4	40	8.0	Int?
23 13.0	+4.6 +4	4997	23 13.0	+4	35	5.5	
23 31.6	+5.4 +5	5204	23 31.8	+5	24	7.9	
23 21.0	+5.3 +5	5175	23 20.9	+5	17	8.2	
23 20.4	+4.9 +4	5013	23 20.4	+4	56	8.9	
23 17.0	+5.4 +5	5165	23 17.0	+5	24	7.8	
23 33.8	+5.4 +5	5208	23 33.8	+5	28	9.0	
	+5	5209	23 33.8	+5	28	8.5	
23 23.0	+5.6 +5	5183	23 23.0	+5	38	7.8	
23 20.6	+5.6 +5	5173	23 20.6	+5	35	4.7	
23 28.9	+6.1 +6	5174	23 28.9	+6	4	7.8	
23 37.5	+6.4 +6	5197	23 37.4	+6	24	7.4	
23 34.5	+6.4 +6	5183	23 34.6	+6	27	6.5	
23 24.9	+6.3 +6	5168	23 24.8	+6	18	6.5	
23 13.0	+6.1 +6	5143	23 13.0	+6	4	7.8	
23 11.9	+6.4 +6	5141	23 12.0	+6	26	7.7	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23 1893

h m
23 30

Plate 2147 R.A. 2.7 Dec. +11.5

v H cl Rim. Kline Int

6.5 13.8 of 2968 K=H 1
6.4 21.8 of 2969 K=H 1
7.7 12.9 of 2970 K=H 2
8.7 11.2 a N 3
10.9 18.3 of 2971 K=H 4
11.9 13.4 ina N 1
11.9 19.8 H N 1
12.6 10.8 H K=H 1
12.3 19.6 a K=0.2H 2
14.0 23.5 a N 1
14.8 6.0 a N 2
15.2 17.4 a K=H 1
15.6 18.4 a K=0.5H 3
15.6 22.5 of 2972 K=H 2
17.3 8.1 f K=H 2
20.8 15.2 12 2973 N 2
20.7 17.8 of 2974 K=H 1
21.3 18.6 a N 2
23.7 14.5 of 2975 K=H 1

R.A. 3h3 Dec. +11.8°

Plate 2961

4.4 11.4 of 2976 K=H 1
4.9 12.7 H N 1
4.1 19.5 a K=H 2
3.8 22.9 of 2977 K=H 2
5.8 8.2 a K=H 1
5.7 12.3 of 2978 K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
2h 46.6m	+7.1	+7° 443	2h 46.7m	+7° 5'	7.7
2 30.3	+7.0	+7 405	2 30.3	+7 4	7.3
2 48.4	+7.8	+7 450	2 48.5	+7 48	6.8
2 52.0	+8.3	+8 455	2 52.0	+8 20	4.8
2 37.1	+9.5	+9 359	2 37.1	+9 30	4.0
2 47.6	+9.9	+9 373	2 47.6	+9 53	7.8
2 34.2	+9.9	+9 353	2 34.2	+9 56	7.1
2 53.0	+10.3	+10 401	2 52.9	+10 18	7.0
2 34.7	+10.1	+10 360	2 34.7	+10 8	7.0
2 26.6	+10.9	+10 340	2 26.6	+10 58	6.9
3 2.8	+11.3	+11 445	3 2.7	+11 20	6.5
2 39.0	+11.6	+11 385	2 39.0	+11 39	8.1
2 37.1	+11.8	+11 377	2 37.1	+11 51	5.2
2 28.8	+11.8	+11 360	2 28.7	+11 50	5.1
2 58.6	+12.6	+12 436	2 58.4	+12 38	5.2
2 43.4	+14.5	+14 480	2 43.5	+14 28	6.0
2 38.3	+14.4	+14 462	2 38.3	+14 24	7.8
2 36.6	+14.7	+14 457	2 36.6	+14 42	6.0
2 45.2	+15.9	+15 400	2 45.1	+15 54	6.5
3 26.0	+6.4	+6 552	3 26.0	+6 26	8.0
3 23.3	+6.7	+6 540	3 23.3	+6 43	8.0
3 9.5	+6.3	+6 507	3 9.4	+6 17	7.5
3 4.8	+6.1	+6 496	3 4.8	+6 7	6.4
3 32.5	+7.1	+7 530	3 32.5	+7 7	7.7
3 24.3	+7.0	+7 517	3 24.3	+7 4	8.2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23, 1893

Plate 2961

v H Cl. Rem. Kline Int.

6.0 14.4 Of 2979 K=H 1
5.4 23.5 Of 2980 K=H 1
5.7 23.9 Of 2981 K=H 1
6.5 6.9 a K=H 1
7.0 11.4 a K=H 1
6.2 12.4 a K=H 1
7.9 7.1 a R 2
7.9 14.5 a K=H 1
7.3 17.6 a R 1
7.8 18.2 a R 2
7.3 23.8 F K=H 2
7.5 21.8 H R 1
8.8 8.8 a R 2
8.3 10.2 H R 1
8.8 11.0 a K=H 2
9.0 12.1 a R 3
8.3 15.8 G K=H 5
8.4 20.7 H R 1
9.7 14.8 a R 5
9.9 15.8 H R 1
9.7 17.5 a K=H 2
10.6 7.7 H K=H 2
10.3 15.7 H K=H 1
10.4 22.7 H K=H 1
10.2 24.2 Of 2982 K=H 1
11.8 12.2 C K=H 1
11.2 13.2 G K=H 2
11.6 17.5 Of 2983 K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
3 19.9	+7.2	+7 511	3 19.9	+7 14	8.0
3 1.5	+6.9	+6 486	3 1.5	+6 54	8.3
3 0.9	+7.1	+7 477	3 0.8	+7 5	7.7
3 35.0	+7.4	+7 537	3 35.0	+7 26	8.3
3 26.0	+7.5	+7 521	3 26.0	+7 48	8.7
3 24.0	+7.3	+7 516	3 24.0	+7 19	8.3
3 34.8	+8.2	+8 553	3 34.8	+8 11	7.2
3 19.9	+8.3	+8 519	3 19.9	+8 16	8.0
3 13.2	+7.9	+7 500	3 13.3	+7 56	8.3
3 12.1	+8.2	+8 495	3 12.1	+8 11	7.7
3 1.0	+7.9	+7 478	3 0.9	+7 54	6.6
3 4.9	+8.0	+8 474	3 4.8	+8 3	8.0
3 31.2	+8.7	+8 542	3 31.3	+8 41	7.5
3 28.4	+8.4	+8 537	3 28.4	+8 24	8.0
3 27.5	+8.7	+8 532	3 26.9	+8 40	7.8
3 24.8	+8.9	+8 528	3 24.8	+8 53	6.2
3 17.2	+8.3	+8 511	3 17.0	+8 31	3.8
3 6.9	+8.5	+8 482	3 6.9	+8 27	7.8
3 19.3	+9.2	+9 439	3 19.3	+9 14	4.0
3 17.0	+9.3	+9 436	3 16.9	+9 18	8.0
3 13.5	+9.1	+9 427	3 13.5	+9 8	7.8
3 33.7	+9.6	+9 472	3 33.7	+9 37	6.8
3 17.2	+9.5	+9 437	3 17.1	+9 30	8.2
3 3.0	+9.5	+9 408	3 3.0	+9 28	7.0
3 0.0	+9.3	+9 397	3 0.0	+9 22	7.5
3 24.6	+10.2	+10 454	3 24.5	+10 15	8.8
3 22.5	+9.9	+9 447	3 22.6	+9 57	7.5
3 13.4	+10.2	+10 432	3 13.4	+10 7	8.2

BD +6° 461 [illegible] BD −6° 487

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23. 1893

Plate 2961

V H d Rem. Kline Smt.

11.8 23.9 F 2984 K=H 2
12.5 10.9 F 2985 K=H 1
12.9 13.2 a K=0.1H 4
13.0 14.1 g 2D K=H 2
12.3 16.7 a K=0.2H 2
12.8 21.6 F 2986 K=H 1
12.5 21.9 a K=H 2
13.2 10.8 E K=H 1
13.4 12.4 a K=0.1H 3
13.5 20.2 E K=1+1
13.9 22.8 a N 3
15.0 12.3 a N 1
14.9 18.0 F 2987 K=H 2
15.7 7.9 F 2988 K=H 1
16.0 13.0 K K=0.5H 4
16.7 14.8 a K=0.1H 3
15.2 15.2 E K=H 1
15.2 16.7 a K=0.5H 2
15.4 16.2 g K=H 3
15.8 19.1 a N 2
15.9 23.7 g 3H K=H 1
16.9 10.2 a K=H 1
16.9 18.3 F 2989 K=H 2
16.4 20.9 F 2990 K=H 1
11.2 22.5 g 3D K=H 3
17.5 5.5 a N 2
17.5 8.4 H N 1
18.0 9.0 D K=H 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD No.		R.A. 1855	Dec. 1855		Magn.
3h 0.6m	10°.2	+10	418	3 0.6	+10	14	7.3
3 27.1	10.6	+10	460	3 27.1	+10	34	8.2
3 22.5	10.8	+10	452	3 22.5	+10	50	5.3
3 20.7	10.9	+10	444	3 20.7	+10	54	7.0
3 17.2	10.5	+10	438	3 17.2	+10	28	8.0
3 5.1	10.7	+10	427	3 5.2	+10	44	8.0
3 5.0	10.6	+10	425	3 5.0	+10	36	7.8
3 27.5	10.9	+10	461	3 27.4	+10	54	8.3
3 24.3	11.0	+11	487	3 24.3	+11	3	7.3
3 8.1	11.1	+11	456	3 8.1	+11	5	8.0
3 2.8	11.3	+11	445	3 2.7	+11	20	6.5
3 24.5	11.8	+11	488	3 24.4	+11	52	8.5
3 12.6	+11.8	+11	462	3 12.6	+11	49	7.5
3 33.6	+12.1	+12	503	3 33.5	+12	9	8.0
3 23.0	+12.5	+12	486	3 22.9	+12	28	4.0
3 19.3	+12.2	+12	477	3 19.3	+12	14	7.0
3 18.2	+11.9	+11	474	3 18.2	+11	58	8.2
3 17.2	+11.9	+11	469	3 17.2	+11	59	7.7
3 16.1	+12.1	+12	473	3 16.2	+12	7	6.0
3 10.3	+12.3	+12	460	3 10.3	+12	18	7.0
3 1.1	+12.3	+12	445	3 1.1	+12	18	6.8
3 28.8	+12.8	+12	493	3 28.7	+12	49	8.7
3 11.9	+12.9	+12	467	3 11.9	+12	51	7.3
3 6.5	+12.5	+12	453	3 6.5	+12	33	8.3
3 3.4	+12.5	+12	452	3 3.4	+12	30	6.3
3 38.5	+13.0	+13	594	3 38.4	+13	4	7.0
3 32.6	+13.0	+13	581	3 32.5	+13	6	8.0
3 31.2	+13.3	+13	579	3 31.2	+13	26	7.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj:882F

July 23. 1893

Plate 2961

V	H	Cl	Rem. No.	Kline Int.
17.8	11.9			K=H 2
17.8	19.3	a		N 2
17.2	22.7	F	2991	K=H 1
17.7	23.2	a		K=H 1
18.9	15.1	a		K=H 1
18.4	15.6	a		K=H 2
18.8	20.8	F	2992	K=H 1
18.0	21.1	F	2993	K=H 1
19.6	11.8	H		N 1
18.9	13.2	F	2994	K=H 1
20.6	9.8	H		K=H 2
20.2	14.1	a		N 2
20.1	16.0	a		K=0.5H 1
20.5	19.0	g		K=H 1
21.1	9.9	a		K=0.1H 3
21.9	15.7	H		N 1
21.3	21.2	a		N 2
22.7	14.0	F	2995	K=H 1
22.7	20.7	Ma		N 1
22.2	22.9	F	2996	K=H 1
23.0	6.1	F	2997	K=H 1
23.3	7.2	a		N 2
23.2	8.8	a		N 1
23.4	9.1	g		K=H 3
23.3	10.7	g		K=H 1
23.5	12.2	F	2998	K=H 2
23.7	13.8	a		K=0.2H 3
23.6	14.8	a		N 1
23.2	22.0	a		N 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj--882F

R.A. 1855	Dec.	BD. No.		R.A. 1855	Dec. 1855		Magn.
3 25.3	+13.3	+13	568	3 25.3	+13	17	7.5
3 10.0	+13.3	+13	535	3 9.9	+13	19	7.0
3 3.0	+12.9	+12	450	3 3.0	+12	58	8.5
3 1.8	+13.2	+13	514	3 1.8	+13	15	8.3
3 18.4	+13.8	+13	550	3 18.4	+13	48	8.5
3 17.4	+13.6	+13	545	3 17.4	+13	34	8.0
3 7.2	+13.8	+13	529	3 7.3	+13	46	8.3
3 6.1	+13.3	+13	526	3 6.1	+13	22	8.8
3 25.5	+14.2	+14	575	3 25.5	+14	11	8.3
3 22.7	+13.8	+13	563	3 22.7	+13	48	8.5
3 30.3	+14.6	+14	586	3 30.3	+14	40	8.0
3 21.0	+14.5	+14	565	3 20.9	+14	29	7.3
3 16.7	+14.5	+14	559	3 16.7	+14	28	8.3
3 10.4	+14.7	+14	550	3 10.4	+14	39	7.3
3 29.7	+14.9	+14	586	3 29.7	+14	56	6.5
3 17.3	+15.3	+15	487	3 17.3	+15	18	8.0
3 6.0	+15.0	+15	450	3 6.1	+15	2	7.3
3 21.2	+15.7	+15	493	3 21.2	+15	42	8.0
3 7.0	+15.5	+15	452	3 7.0	+15	46	8.5
3 2.5	+15.4	+15	442	3 2.4	+15	26	8.0
3 37.5	+15.8	+15	529	3 37.4	+15	48	8.0
3 35.1	+15.9	+15	524	3 35.2	+15	56	7.9
3 31.8	+15.9	+15	516	3 31.8	+15	53	8.3
3 31.1	+16.0	+16	484	3 31.3	+16	4	6.0
3 28.0	+15.9	+15	507	3 27.9	+15	60	7.9
3 24.8	+16.1	+16	458	3 24.8	+16	6	7.3
3 21.5	+16.3	+16	450	3 21.5	+16	15	7.5
3 19.4	+16.1	+16	443	3 19.5	+16	9	8.3
3 4.2	+15.9	+15	447	3 4.3	+15	57	7.0
3 2.3	+16.3	+16	398	3 2.2	+16	15	8.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj...882F

July 23, 1893

Plate 2227
v H Cl. Rem. No. Klinic Smt.

4.8	13.1	a		K=H	1	
4.7	13.3	F	2999	K=H	5	
5.5	19.1	a		N	1	
6.8	10.2	F	3000	K=H	2	
6.5	10.8	F	3001	K=H	2	
6.9	12.8	F	3002	K=H	1	
6.4	18.5	a		K=H	3	
8.0	10.8	a		N	2	
7.9	11.7	a		K=H	1	
7.6	13.3	a	3003	N	2	
4.3	20.0	a		N	1	
8.6	10.0	a		K=H	1	
8.6	13.0	a		K=0.H	4	
8.8	14.9	F	3004	K=H	1	
9.8	6.9	a		N	1	
9.9	17.0	F	3005	K=H	2	
9.9	18.6	a		N	1	
9.5	21.2	F	3006	K=H	2	
11.0	10.9	a		N	3	
10.5	12.4	F	3007	K=H	2	
10.6	12.5	a		N	3	
10.8	14.8	a		K=H	2	
10.9	20.3	a		K=0.2H	4	
10.8	24.0	a		K=H	1	
11.9	13.3	F	3008	K=H	1	
11.9	21.2	a		N	1	
11.2	33.1	F	3009	K=H	1	?
11.9	23.2	a		K=H	1	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec	BD. No.	R.A. 1855	Dec. 1855	Magn.
4h 42.5m	+6° 7	+6 765	4 42.5	+6 43	8.0
4 42.0	+6.7	+6 762	4 42.0	+6 42	3.3
4 30.1	+7.0	+7 676	4 30.1	+7 1	7.0
4 48.4	+7.7	+7 759	4 48.3	+7 40	6.8
4 46.9	+7.5	+7 755	4 46.0	+7 33	5.7
4 43.0	+7.7	+7 738	4 43.0	+7 45	7.5
4 31.2	+7.6	+7 680	4 31.2	+7 34	9.5
		681	4 31.3	+7 35	5.8
4 47.1	+8.3	+8 799	4 47.1	+8 22	7.3
4 45.4	+8.3	+8 793	4 45.4	+8 19	8.0
4 42.2	+8.1	+8 775	4 42.2	+8 10	8.0
4 28.4	+7.9	+7 671	4 28.3	+7 56	8.2
4 48.9	+8.6	+8 811	4 48.8	+8 36	7.6
4 42.8	+8.7	+8 777	4 42.7	+8 40	5.0
4 38.7	+8.7	+8 759	4 38.9	+8 45	7.5
4 55.1	+9.2	+9 713	4 55.1	+9 10	8.0
4 34.3	+9.4	+9 628	4 34.3	+9 22	7.3
4 31.1	+9.3	+9 620	4 31.1	+9 22	9.0
4 25.8	+9.1	+9 600	4 25.9	+9 6	6.8
4 46.9	+9.9	+9 683	4 46.9	+9 56	5.3
4 44.0	+9.6	+9 669	4 44.0	+9 38	7.8
4 43.7	+9.7	+9 668	4 43.7	+9 44	6.2
4 39.1	+9.8	+9 651	4 39.1	+9 47	7.5
4 27.7	+9.9	+9 606	4 27.6	+9 54	8.5
		607	4 27.7	+9 53	4.3
4 20.1	+9.7	+9 584	4 20.1	+9 44	7.8
4 42.2	+10.3	+10 651	4 42.2	+10 21	8.2
4 25.8	+10.2	+10 595	4 25.8	+10 13	8.2
4 21.7	+10.2	+10 583	4 21.8	+10 12	7.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 23, 1893

Plate 2227

v H Cl. Rem Kr. Klmdst.

12.7 8.2 a R 2
12.5 9.2 F 3010 K=H 1
12.9 12.8 F 3011 K=H 2
12.9 16.0 a K=H 3
12.3 19.6 a K=H 1
12.2 22.6 F 3012 K=H 1
13.7 7.6 a R 2
13.5 11.1 a K=0.3H3
14.0 15.2 a K=0.3H3
13.4 20.0 a R 2
13.1 24.3 a R 2
15.0 7.1 a K=H 1
14.6 11.1 a R 1
14.5 11.2 a R 2
15.0 16.8 F 3013 K=H 1
14.9 18.2 a R 3
16.0 8.2 a K=H 1
15.4 11.2 E K=H 1
15.5 12.2 a R 2
15.5 19.1 a K=0.3H4
16.6 16.2 E K=H 1
16.6 18.6 E K=H 1
17.0 21.3 F 3014 K=H 2
16.6 23.7 a R 3
17.5 6.3 a R 1
17.7 10.4 E5K K=H 3
18.0 10.7 a K=H 1
17.9 12.7 F 3015 K=H 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.:892F

R.a. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
4 52.8	+10.7	+10° 688	4h 52.m7	+10° 42′	7.5
4 49.3	+10.6	+10 676	4 49.2	+10 34	8.4
4 43.2	+10.8	+10 654	4 43.2	+10 49	7.5
4 36.5	+10.9	+10 621	4 36.4	+10 53	5.6
4 29.1	+10.5	+10 598	4 29.2	+10 33	8.3
4 22.9	+10.4	+10 588	4 23.0	+10 26	7.8
4 53.8	+11.2	+11 702	4 53.8	+11 11	7.5
4 46.8	+11.2	+11 675	4 46.8	+11 11	6.3
4 37.9	+11.4	+11 646	4 38.0	+11 26	5.7
4 28.4	+11.1	+11 632	4 28.3	+11 7	6.7
4 19.4	+10.9	+10 577	4 19.5	+10 53	6.4
4 54.9	+11.8	+11 704	4 54.9	+11 50	7.5
4 46.7	+11.7	+11 674	4 46.7	+11 42	8.5
4 46.5	+11.7	+11 672	4 46.6	+11 48	7.5
4 34.7	+11.9	+11 643	4 34.7	+11 55	7.8
4 32.0	+11.9	+11 639	4 32.0	+11 55	6.0
*4 52.6	+12.4	+12 699	4 52.6	+12 25	8.3
4 46.5	+12.1	+12 673	4 46.6	+12 7	7.5
4 44.7	+12.1	+12 667	4 44.6	+12 9	7.2
4 30.1	+12.2	+12 618	4 30.1	+12 13	40
4 35.9	+12.7	+12 638	4 35.9	+12 43	8.0
4 31.0	+12.7	+12 620	4 31.0	+12 43	6.8
4 25.6	+12.9	+12 608	4 25.6	+12 56	7.0
4 20.7	+12.7	+12 598	4 20.7	+12 43	5.0
4 56.7	+13.1	+13 790	4 56.7	+13 6	7.7
4 48.2	+13.3	+13 740	4 48.2	+13 17	5.0
4 47.7	+13.4	+13 737	4 47.7	+13 26	8.5
4 43.5	+13.4	+13 728	4 43.7	+13 24	6.8

*BD +12° 700 suburb and on BD +12° 699.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23, 1893

Plate 2227

?	V	H	Cl	Rem	Klme Int
	18.0	14.6	H		V8 1
	17.9	22.8	a		K=H3
	19.0	12.4	Int:		K=H3
	19.5	8.5	F	3016	K=H1
	19.8	9.2	a		V8 3
	19.8	16.0	F	3017	K=H1
	20.5	6.5	a		V8 2
	20.7	10.8	a		V8 3
	20.1	16.8	F	3018	K=H1
	20.8	19.5	F	3019	K=H1
	21.0	19.8	F	3020	K=H1
	20.2	21.3	a		K=0.5H3
	20.1	24.0	a		K=H 2
	21.6	6.6	a		V8 4
	21.6	12.9	F	3021	K=H1
	21.7	13.7	F	3022	K=H1
	21.5	16.9	F	3023	K=H1
	22.0	18.7	a		V8 3
	21.9	22.8	a		V8 2
	21.8	23.8	F	3024	K=H2
	22.6	9.0	F	3025	K=H2
	22.6	11.8	F	3026	K=H1
	23.0	13.3	F	3027	K=H1
	22.4	13.8	H		K=H1
	22.3	18.7	a		K=0.5H3
	22.6	19.2	a		K=H2
	22.3	20.0	F	3028	K=H1
	22.2	22.3	a		K=H2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.:882F

R.A. 1855.	Dec							
4	22.4	+13.4	+13	690	4	22.5	+13 25	5.7
4	44.4	+14.0	+14	777	4	44.3	+14 0	5.0
4	52.4	+14.1	+14	804	4	52.3	+14 10	6.7
4	50.7	+14.3	+14	795	4	50.8	+14 20	5.2
				796	4	50.8	+14 20	6.5
4	36.6	+14.4	+14	745	4	36.5	+14 22	8.0
4	56.6	+14.7	+14	825	4	56.5	+14 40	7.2
4	47.4	+14.8	+14	787	4	47.6	+14 49	6.5
4	34.8	+14.6	+14	738	4	34.8	+14 32	6.7
4	29.3	+14.9	+14	728	4	29.3	+14 51	7.9
4	28.8	+14.9	(4)+14	726	4	28.7	+14 58	7.5
4	25.6	+14.5	+14	720	4	25.7	+14 32	5.4
4	20.1	+14.4	+14	702	4	20.2	+14 24	6.5
4	56.3	+15.2	+15	732	4	56.3	+15 12	5.3
4	43.1	+15.2	+15	695	4	43.1	+15 12	8.0
4	41.8	+15.3	+15	689	4	41.7	+15 16	7.5
4	34.8	+15.2	+15	670	4	34.8	+15 13	7.5
4	30.9	+15.6	+15	665	4	30.9	+15 30	5.3
4	22.3	+15.4	+15	639	4	22.4	+15 23	5.5
4	22.0	+15.3	+15	636	4	21.9	+15 19	6.0
4	51.4	+15.7	+15	713	4	51.4	+15 42	7.0
4	45.6	+15.7	+15	699	4	45.6	+15 41	8.0
4	42.5	+15.9	(4)+15	692	4	42.5	+15 58	7.5
4	41.5	+15.7	+15	687	4	41.4	+15 38	6.5
4	31.0	+15.7	+15	666	4	31.0	+15 38	5.3
4	29.9	+15.8	+15	661	4	29.9	+15 45	6.5
4	28.5	+15.6	+15	656	4	28.4	+15 34	7.0
4	23.4	+15.6	+15	645	4	23.6	+15 32	6.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23, 1893

Plate 2227

v	H	Cl.	Rem.	No.	K line	Int.
22.9	22.9	a				N 3
22.3	23.8	a				N 4
22.4	23.9	a				K=H1
23.3	24.0	b				K=H2
23.2	21.4	a				N 2
23.5	20.3	b				K=1.5H5
23.5	11.3	a				K=H2
23.9	11.1	a				N 2

R.A. 6.0 Dec. +11.8

Plate 1741

3.8	10.9	a				N 2
5.7	10.3	a				N 2
5.9	21.1	2na				K=H5
7.0	8.7	a				N 2
6.9	11.0	a				N 1
6.3	12.9	a				N 1
7.5	21.4	a				N 4
8.7	14.5	a				N 2
9.3	6.9	a				N 2
9.9	9.0	a				N 1
9.5	9.6	b				K=H2
9.6	10.8	a				N 1
9.5	12.5	a				N 1
9.7	15.1	a				N 1
9.6	15.2	F	3129			K=H1
10.7	12.2	a				N 1
10.6	12.3	a				N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj.002F

R.A. 1855.	Dec.	BD.	No.	R.A. 1855	Dec. 1855.		Magn.
4 22.2	+15.9	+15	637	4 22.3	+15	53	5.0
4 20.5	+15.5	+15	632	4 20.4	+15	33	4.0
4 20.4	+15.6	+15	631	4 20.3	+15	39	4.0
4 20.1	+16.1	+16	605	4 20.2	+16	2	5.0
4 25.4	+16.0	+16	621	4 25.3	+16	1	7.5
4 27.5	+16.2	+16	629	4 27.6	+16	13	1.1
			630	4 27.7	+16	14	9.5
4 46.6	+16.1	+16	667	4 46.6	+16	8	7.5
4 47.0	+16.4	+16	668	4 47.0	+16	24	7.0
6 7.9	+6.1	+6	1172	6 7.9	+6	6	7.3
6 9.2	+7.1	+7	1216	6 9.2	+7	6	7.5
5 47.3	+7.3	+7	1055	5 47.3	+7	23	var.
6 12.5	+7.8	+7	1243	6 12.4	+7	47	7.2
6 7.7	+7.7	+7	1207	6 7.8	+7	42	8.0
6 4.1	+7.4	+7	1178	6 4.1	+7	26	7.4
5 46.5	+8.0	+8	1107	5 46.6	+8	1	8.0
6 1.0	+8.7	+8	1202	6 0.9	+8	42	7.5
6 16.1	+8.9	+8	1313	6 16.1	+8	58	8.8
			1316	6 16.1	+8	58	6.4
6 16.1	+9.2	+9	1223	6 16.1	+9	14	7.5
6 10.7	+9.1	+9	1184	6 10.7	+9	6	7.0
6 8.5	+9.1	+9	1166	6 8.4	+9	4	8.1
6 5.0	+9.1	+9	1134	6 5.0	+9	5	8.3
5 59.4	+9.2	+9	1094	5 59.4	+9	12	8.2
5 59.2	+9.2	+9	1092	5 59.2	+9	11	8.0
6 5.5	+9.7	+9	1141	6 5.5	+9	39	7.9
6 5.3	+9.7	+9	1138	6 5.3	+9	39	8.2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 23, 1893

Plate 1741

V	H	Cl.	Rem.	N.T.	Kline Int.	
10.3	13.9	a	K.			R 2
10.6	14.6	a				K=H 1
10.4	17.6	a				K=0.3H 4
10.2	20.5	a				R 2
11.2	10.4	a				K=0.3H3
11.8	12.2	a				R 1
11.9	12.5	a				R 2
11.9	12.8	a				R 1
12.0	15.0	H				R 1
12.6	12.4	F		3030		K=H1
12.9	15.6	a				R 2
12.3	21.9	H				R 1
13.9	6.2	a				R 2
13.2	6.4	a				R 1
13.4	9.3	a				R 1
13.9	9.9	a				K=0.5H2
13.8	16.0	a				R 1
14.9	8.9	a				R 3
14.9	11.8	a				R 1
14.5	17.1	a				K=0.1H3
14.2	20.3	S				K=H2
14.2	20.9	a				R 1
14.1	21.5	a				R 1
14.6	21.5	a				R 2
15.9	9.3	a				R 1
15.8	10.9	F		3031		K=H3
15.3	13.5	a				R 1
15.2	24.2	a				R 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj.002F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
6h 2.0m	+9.5	+9 1112	6 2.0	+9 29	8.0
6 0.7	+9.7	+9 1107	6 0.7	+9 39	8.4
5 54.4	+9.6	+9 1064	5 54.4	+9 39	5.0
5 48.5	+9.5	+9 1016	5 48.5	+9 29	6.5
6 9.1	+9.9	+9 1173	6 9.1	+9 59	6.3
6 5.5	+10.3	+10 1054	6 5.5	+10 17	8.1
6 5.0	+10.3	+10 1048	6 5.0	+10 20	6.9
6 4.4	+10.4	+10 1044	6 4.3	+10 22	7.5
5 59.5	+10.5	+10 1015	5 59.6	+10 28	7.3
6 5.2	+10.7	+10 1050	6 5.2	+10 40	6.5
5 58.4	+10.8	+10 1004	5 58.4	+10 45	7.6
5 46.1	+10.5	+10 927	5 46.2	+10 33	6.5
6 17.8	+11.2	+11 1169	6 17.8	+10 12	7.5
*2 6 17.3	+10.9	+10 1131	6 17.3	+10 53	7.8
6 15.5	+11.0	+11 1151	6 15.6	+11 0	8.0
6 10.8	+11.2	+11 1110	6 10.8	+11 13	7.8
5 57.6	+11.2	+11 1022	5 57.6	+11 13	8.2
6 12.8	+11.8	+11 1128	6 12.8	+11 49	7.5
6 6.4	+11.8	+11 1076	6 6.4	+11 50	7.6
5 55.3	+11.7	+11 1009	5 55.3	+11 41	6.5
5 48.8	+11.5	+11 975	5 48.7	+11 30	6.5
5 48.0	+11.5	+11 971	5 48.0	+11 30	8.2
5 46.5	+11.5	+11 965	5 46.5	+11 28	7.9
5 46.5	+11.8	+11 964	5 46.4	+11 44	7.2
6 11.5	+12.3	+12 1110	6 11.6	+12 21	8.0
6 8.4	+12.3	+12 1084	6 8.3	+12 18	6.1
6 2.9	+12.0	+12 1049	6 2.9	+12 2	8.0
* 5 41.8	+11.9	+11 945	5 40.7	+11 56	7.5

*30 +12°998 substituted on 30 +11°945. *2 BD +10° 1130 substituted on BD +10° 1131.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 23, 1893

Plate 1741

V H Cl. Rem Kline Int.

16.2	7.7	a		R 1
16.5	7.9	a		K=H 2
17.0	8.3	H		R 1
16.8	9.6	a		R 2
16.8	9.7	a		R 1
16.4	11.3	a		R 3
16.3	11.8	a		R 1
16.2	15.9	a		R 1
16.4	17.2	a		R 1
16.5	17.6	a		R 1
16.4	18.7	a		R 2
16.7	19.3	F	3032	K=H 2
16.7	19.7	a		R 1
16.4	24.0	a		R 3
17.7	5.9	F	3033	K=H 1
17.4	18.1	a		R 1
16.2	9.5	F	3034	K=H 1
18.9	11.6	B	3035	R 3
18.6	13.0	a		R 1
18.4	13.4	a		K=a 3 H 2
18.5	13.7	a		R 2
18.8	13.9	a		K=H 1
18.8	14.2	a		K=H 1
19.0	14.7	a		R 2
19.0	20.8	F	3036	K=H 1
20.0	10.2	a		K=a 3 H 2
19.4	10.5	a		R 2
19.5	13.2	B	3037	R 4

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj.:002F

R.A. 1855.	Dec	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
6h 14.7m	+12.4	+12 1124	6 14.7	+12 27	8.5
6 14.5	+12.7	+12 1123	6 14.5	+12 38	6.8
6 13.6	+12.9	+12 1119	6 13.6	+12 56	8.0
6 10.9	+12.8	+12 1105	6 11.0	+12 48	7.9
6 10.8	+12.8	+12 1103	6 10.8	+12 46	8.3
6 7.6	+12.6	+12 1081	6 7.6	+12 36	6.0
6 6.4	+12.5	+12 1074	6 6.5	+12 32	8.6
5 57.9	+12.5	+12 1013	5 57.9	+12 29	8.2
5 55.0	+12.6	+12 1000	5 55.1	+12 37	8.0
5 54.5	+12.7	+12 994	5 54.5	+12 40	8.2
5 52.2	+12.6	+12 980	5 52.1	+12 37	7.5
5 50.8	+12.8	+12 968	5 50.7	+12 47	6.5
5 50.0	+12.9	+12 963	5 49.9	+12 52	8.5
5 41.5	+12.6	+12 912	5 41.4	+12 36	5.1
6 18.5	+13.2	+13 1250	6 18.5	+13 11	7.0
5 53.3	+13.1	+13 1076	5 53.3	+13 6	7.8
6 11.2	+13.5	+13 1199	6 11.2	+13 29	7.5
		1200	6 11.3	+13 30	8.5
6 6.9	+13.9	+13 1183	6 6.9	+13 53	6.3
6 4.0	+13.7	+13 1158	6 4.0	+13 43	8.1
6 3.3	+13.7	+13 1151	6 3.3	+13 40	6.5
6 2.6	+13.7	+13 1147	6 2.6	+13 40	7.2
6 2.1	+13.8	+13 1139	6 2.1	+13 51	7.8
6 1.7	+13.8	+13 1135	6 1.6	+13 47	8.3
6 0.4	+13.9	+13 1124	6 0.3	+13 59	7.7
5 47.7	+13.9	+13 1036	5 47.8	+13 55	7.0
6 9.8	+14.4	+14 1235	6 9.8	+14 26	6.0
6 9.3	+14.1	+14 1233	6 9.3	+14 6	7.0
6 3.8	+14.2	+14 1187	6 3.7	+14 14	4.8

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 23, 1893

Plate 1741

v	H	cl	Rem.	No.	Kline Int.
19.9	16.5	F		3038	K=H 1
19.4	22.6	a			R 3
20.0	23.4	a			R 4?
19.7	23.6	I			K=H 1
20.7	8.8	a			R 1
20.6	9.3	H			R 1
20.4	11.9	a			R 2
20.1	12.1	a			R 2
20.9	14.2	a			R 1
20.6	15.2	B		3039	R 4
23.0	10.8	a			R 1
22.1	16.4	a			R 1
23.4	9.6	F		3040	K=H 1
23.5	11.6	a			R 3
23.4	13.3	B		3041	R 3
23.9	20.5	a			R 1

R.A. 6.6 Dec. +11.7

Plate 2053

5.3	11.3	a			R 1
5.3	11.5	a			R 1
4.5	14.8	a			K=H 1
4.5	18.2	a			R 2
5.1	21.3	a			R 1
5.9	23.5	a			R 1
6.5	9.1	a			R 2
6.7	16.6	a			R 1
6.5	17.4	H			R 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
5h 56.8m	+14.4°	+14 1136	5 56.7	+14 24	7.5
5 44.0	+14.1	+14 1060	5 44.1	+14 7	6.0
5 42.5	+14.4	+14 1047	5 42.6	+14 24	7.5
5 42.2	+14.3	+14 1041	5 42.2	+14 15	5.7
6 12.8	+14.8	+14 1254	6 12.7	+14 46	7.7
6 11.8	+14.7	+14 1247	6 11.8	+14 42	5.8
6 6.4	+14.6	+14 1213	6 6.4	+14 38	7.7
6 6.0	+14.5	+14 1211	6 6.0	+14 32	8.0
6 1.6	+14.9	+14 1170	6 1.6	+14 52	8.0
5 59.3	+14.8	+14 1152	5 59.3	+14 47	4.0
6 8.8	+15.9	+15 1139	6 8.8	+15 54	7.5
5 57.0	+15.5	+15 1054	5 56.9	+15 28	7.7
6 11.3	+16.0	+16 1091	6 11.3	+16 4	6.6
6 7.0	+16.2	+16 1060	6 7.1	+16 10	5.7
6 3.4	+16.1	+16 1035	6 3.7	+16 9	5.8
5 48.5	+16.4	+16 926	5 48.5	+16 20	7.5
6 46.8	6.9	+6 1432	6 46.9	+6 54	7.9
6 46.4	6.8	+6 ~~1384~~ 1428	6 46.4	+6 52	8.2
6 40.0	6.4	+6 1384	6 40.0	+6 28	8.7
6 32.8	6.5	+6 1338	6 32.7	+6 30	7.0
6 26.5	6.8	+6 1288	6 26.6	+6 48	8.0
6 22.0	7.2	+7 1312	6 22.0	+7 14	8.5
6 51.4	7.5	+7 1544	6 51.5	+7 31	7.0
6 36.1	7.7	+7 1425	6 36.1	+7 38	8.4
6 34.4	7.5	+7 1409	6 34.4	+7 32	7.3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23. 1893

Plate 2.5.6.3

V H Cl. Rem. Kime Smk.

6.8 21.0 a R 2
6.3 22.1 a R 4
7.1 9.4 a K=0.5H 2
7.4 12.4 a R 1
7.5 14.8 a R 1
7.7 15.0 K K=H 2
8.0 18.3 f B 3043 K=H 1
7.7 19.1 a R 1
7.7 20.9 a R 1
8.5 6.5 a R 1
8.4 11.0 a R 2
8.5 12.4 a K=H 2
8.8 13.1 a R 1
9.0 13.8 a R 1
8.4 15.2 f 3044 K=H 1
8.8 15.3 B 3045 R 3
8.4 16.4 a K=H 1
9.3 10.7 H R 1
9.8 10.9 a R 1
9.4 14.4 E K=H 1
9.4 15.9 a R 1
10.0 15.3 H R 1
9.8 16.6 a R 1
9.4 17.2 a R 1
9.6 18.0 E K=H 2
9.9 19.8 E K=H 1
9.2 22.4 f 3046 K=H 2
9.6 23.5 a R 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R. A.	Dec.	BD. No.	R. A. 1855.	Dec. 1855.	Magn.
6 26.9	7.7	+7° 1357	6h 26.9m	+7° 41′	9.5
6 25.1	7.4	+7 1337	6 25.1	+7 26	5.0
6 50.8	7.8	+7 1539	6 50.8	+7 49	7.0
6 44.8	7.9(4)	+7 1493	6 44.8	+7 60	8.1
*6 39.9	8.X	+8 1501	6 ~~39.5~~ 40.0	+8 2	8.1
6 39.4	8.2	+8 1496	6 39.5	+8 11	5.3
6 32.5	8.2	+8 1438	6 32.5	+8 17	8.5
6 30.9	8.1	+8 1425	6 31.0	+8 5	8.3
6 27.4	8.1	+8 1406	6 27.4	+8 7	8.6
6 56.7	8.5	+8 1635	6 56.6	+8 28	8.2
6 47.7	8.5	+8 1562	6 47.7	+8 30	6.8
6 44.9	8.6	+8 1543	6 44.9	+8 33	6.2
6 43.4	8.7	+8 1531	6 43.4	+8 41	8.8
6 42.0	8.8	+8 1517	6 42.0	+8 48	8.0
↓6 38.8	8.5	+8 1487	6 38.8	+8 30	7.8
6 38.6	8.7	+8 1486	6 38.6	+8 44	6.0
6 36.6	8.4	+8 1469	6 36.5	+8 27	8.5
6 48.4	8.9	+8 1568	6 48.3	+8 55	7.5
6 47.7	9.2	+9 1439	6 47.8	+9 10	8.3
6 40.9	9.0	+9 1393	6 40.8	+9 1	7.5
6 37.4	8.9	+8 1477	6 37.4	+8 58	8.3
6 38.5	9.3	+9 1382	6 38.6	+9 21	7.7
*6 36.9	9.2	+9 1369	6 36.0	+9 12	8.7
6 34.8	8.9(4)	+8 1459	6 34.8	+8 59	8.4
6 33.3	9.1	+9 1345	6 33.2	+9 7	7.0
6 29.6	9.3	+9 1306	6 29.6	+9 15	7.8
6 24.5	8.9	+8 1379	6 24.4	+8 55	7.5
6 22.1	9.1	+9 1259	6 22.2	+9 7	6.9

BD +9° 1368 & 1371 unobserved in BD +9° 1369.

*BD. +8° 1499 & 1500 superposed on BD +8° 1501. ↓BD +8° 1488 unobserved in BD +8° 1487.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23, 1893

Plate 2553

V	H	Cl.	Rem.	K line Int.
10.2	6.0	H		R 2
10.1	7.2	a		R 3
10.9	10.0	a		R 1
10.5	13.0	H		R 1
10.2	13.5	a		R 1
11.0	15.9	6 f	3048	K=H 2
10.9	16.0	a		R 1
10.5	18.0	a		R 2
11.0	18.8	a		K=H 1
10.9	19.0	a		R 1
10.4	19.8	a		R 1
11.6	10.6	a		R 3
11.0	17.9	a	4	R 2
11.3	18.1	B	3048	R 4
12.0	18.8	a		R 1
11.5	20.9	H		K=H 2
12.9	8.4	H		R 1
12.8	12.2	a		R 2
13.0	15.2	a		R 2
12.4	15.8	a		R 1
12.5	18.1	a		R 1
13.6	7.1	f		K=H 2
13.7	10.2	g		K=H 1
13.8	11.4	a		R 1
13.6	12.2	g		K=H 2
13.4	15.1	a		K=H 1
13.6	17.1	a		R 1
13.4	17.8	H		R 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	B.D. No.	R.A. 1893		Dec. 1855		Magn.
6	57.8 +9.4	+9° 1510	6h	57.m7	+9°	24'	6.6
6	55.4 +9.3	+9 1496	6	55.4	+9	21	6.5
6	49.8 +9.8	+9 1456	6	49.8	+9	47	8.7
6	43.4 +9.7	+9 1414	6	43.6	+9	37	7.7
6	42.8 +9.4	+9 1404	6	42.7	+9	26	8.6
6	37.5 +9.9	+9 1376	6	37.5	+9	55	7.5
6	37.3 +9.8	+9 1374	6	37.3	+9	50	8.7
6	33.3 +9.6	+9 1344	6	33.2	+9	36	8.1
6	31.4 +9.9	+9 1324	6	31.6	+9	53	8.0
6	31.2 +9.8	+9 1322	6	31.2	+9	47	8.1
6	29.5 +9.5	+9 1303	6	29.4	+9	29	8.3
6	48.6 +10.1	+10 1335	6	48.4	+10	8	6.1
6	33.5 +9.9	+9 1350	6	33.5	+9	59	8.3
		+9 1351	6	33.5	+9	58	9.1
6	33.0 +10.0	+10 1220	6	33.0	+10	2	4.0
6	31.4 +10.4	+10 1211	6	31.6	+10	22	8.2
6	27.2 +10.1	+10 1186	6	27.3	+10	6	7.0
6	53.0 +10.8	+10 1370	6	53.0	+10	50	7.2
6	45.2 +10.8	+10 1310	6	45.2	+10	46	7.7
6	38.7 +10.9	+10 1262	6	38.8	+10	53	7.5
6	37.6 +10.5	+10 1257	6	37.5	+10	31	8.8
6	33.1 +10.6	+10 1221	6	33.0	+10	37	8.7
6	54.F +11.2	+11 1428	6	55.6	+11	9	6.0
6	49.5 +11.1	+11 1377	6	49.4	+11	10	8.0
6	46.5 +11.2	+11 1355	6	46.4	+11	14	8.1
6	45.4 +11.2	+11 1344	6	45.3	+11	10	6.8
6	39.0 +11.2	+11 1302	6	39.0	+11	12	8.3
6	35.0 +11.2	+11 1281	6	35.0	+11	9	8.6
6	33.6 +11.0	+11 1275	6	33.6	+11	2	8.4

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23. 1893

Plate 2553

v	H	Cl.	Rem.	K	Line	Int.
13.5	18.0	H				2
13.9	18.4	a				1
13.2	19.9	H		K=H		2
13.9	23.0	a	3048			3
13.6	24.0	F	3050	K=H		2
14.5	10.5	a				1
14.3	12.9	a				1
14.4	13.0	a				1
14.9	13.4	a				1
14.5	14.9	a				1
15.0	17.3	a				2
14.9	18.7	F	3055	K=H		1
14.9	19.6	E		K=H		1
14.8	22.3	E		K=H		2
14.6	22.9	a				3
15.0	22.8	a				2
15.2	9.5	a				1
15.2	8.4	a				2
15.3	9.0	H				1
15.4	10.2	F	3052	K=H		2
15.6	11.5	F	3058	K=H		1
16.0	12.9	a				1
15.6	13.9	H				1
15.4	14.0	H				1
15.9	14.2	E		K=H		1
15.3	16.4	a		K=H		1
15.6	16.8	a				2
15.5	17.5	H				1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855.	Dec.	BD. No.	R.A. 1853	Dec. 1853	Magn.
6h 33.2m	+11.1°	+11 1273	6 33.2	+11 8	6.9
6 32.3	+11.3	+11 1267	6 32.3	+11 20	8.3
6 29.6	+10.9	+10 1201	6 29.6	+10 58	7.1
6 23.0	+11.3	+11 1204	6 23.1	+11 21	6.8
		1205	6 23.1	+11 21	9.2
6 21.0	+11.1	+11 1193	6 21.0	+11 6	7.1
6 48.9	+11.5	+11 1370	6 48.8	+11 35	8.0
6 44.4	+11.5	+11 1333	6 44.3	+11 30	8.0
6 43.4	+11.6	+11 1329	6 43.6	+11 35	8.5
6 42.8	+11.8	+11 1327	6 42.8	+11 50	7.7
6 39.9	+11.6	+11 1307	6 39.9	+11 38	8.2
6 34.6	+11.9	+11 1280	6 34.6	+11 54	8.1
6 31.8	+11.8	+11 1263	6 31.9	+11 49	8.1
6 30.0	+11.8	+11 1252	6 29.9	+11 48	8.4
6 24.4	+11.8	+11 1213	6 24.3	+11 47	7.0
6 23.7	+11.7	+11 1209	6 23.7	+11 38	5.5
6 23.4	+11.9	+11 1207	6 23.6	+11 54	7.1
6 54.8	+11.9	+11 1421	6 54.9	+11 55	8.5
6 53.1	+11.9	+11 1408	6 53.1	+11 58	7.0
6 51.6	+11.9	+11 1398	6 51.8	+11 60	8.0
6 49.4	+12.1	+12 1361	6 49.3	+12 6	7.0
6 46.8	+12.1	+12 1344	6 46.8	+12 9	8.0
6 43.9	+12.4	+12 1325	6 43.9	+12 25	9.0
6 42.0	+12.2	+12 1310	6 42.0	+12 13	7.7
6 41.9	+12.0	+12 1309	6 41.8	+12 4	8.0
6 41.4	+12.2	+12 1306	6 41.4	+12 15	8.1
6 36.6	+12.0	+12 1261	6 36.4	+12 0	8.3
6 35.4	+12.2	+12 1257	6 35.6	+12 11	8.6
6 34.2	+12.1	+12 1248	6 34.2	+12 9	8.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23, 1893

Plate 2553

V H Cl. Rem. Klima Int.

15.6 18.5 H. R 1
15.8 19.8 E K=H 2
15.2 20.3 a R 1
16.9 7.2 H K=H 2
16.9 7.9 a R 2
16.5 8.6 H K=H 1
16.8 10.9 H R 1
16.5 13.3 F 3055 3 K=H 1
16.9 15.8 a K=H 2
16.2 18.6 a R 1
16.9 19.3 a R 1
16.8 21.0 a R 2
17.9 7.9 F 3055 4 K=H 1
17.2 8.7 a R 2
17.9 11.7 a K=H 3
17.2 16.1 F 3055 5 K=H 4
17.9 16.7 f. K=H 3
17.4 18.7 a R 3
17.8 20.7 a H (a) R 1
17.9 20.8 a R 1
17.2 21.3 a R 1
18.2 9.8 a R 1
19.0 10.6 a R 1
18.3 13.8 f K=H 2
19.0 14.3 a K=H 1
18.2 16.1 a K=H 1
18.9 16.2 a R 1
18.8 20.6 a R 2.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1855.

R.A.	Dec.		BD. No.	R.A.	Dec.		Magn.
h 32.1m+12.1				h 1855. 32.2	1855		
6 ~~31.9~~	+12.5	+12°	~~1237~~	6 32.0	+12°	~~30~~ 11'	~~8.6~~ 7.5
6 29.5	+12.3	+12	1219	6 29.5	+12	19	7.9
6 28.6	+11.9	+11	1243	6 28.5	+11	09	8.4
6 55.6	+12.8	+12	1406	6 55.7	+12	48	6.5
6 54.2	+12.8	+12	1394	6 54.11	+12	47	9.2
			1395	6 54.2	+12	47	8.0
6 52.9	+12.7	+12	1384	6 52.8	+12	36	8.0
6 48.1	+12.8	+12	1354	6 48.1	+12	46	8.0
6 43.1	+12.6	+12	1319	6 48.1	+12	38	8.5
6 37.8	+12.8	+12	1275	6 37.8	+12	51	8.0
6 31.9	+12.5	+12	1287	6 32.0	+12	30	8.6
6 30.4	+12.9	+12	1230	6 30.4	+12	52	8.2
6 26.9	+12.5	+12	1205	6 27.0	+12	47	7.9
6 54.7	+13.3	+13	1531	6 54.7	+13	18	8.0
6 52.7	+12.9	+12	1381	6 52.5	+12	55	8.1
6 46.5	+13.3	+13	1462	6 46.5	+13	22	5.3
6 37.2	+13.0	+13	1396	6 37.2	+13	3	3.7
6 35.8	+13.4	+13	1390	6 35.8	+13	22	5.1
6 31.6	+13.1	+13	1356	6 31.7	+13	7	7.0
6 27.5	+13.3	+13	1327	6 27.7	+13	16	8.0
6 27.3	+13.3	+13	1321	6 27.3	+13	20	8.0
6 26.3	+12.9	+12	1198	6 26.4	+13	57	8.3
6 50.2	+13.4	+13	1495	6 50.1	+13	27	8.5
6 48.7	+13.8	+13	1482	6 48.7	+13	51	8.8
6 42.2	+13.5	+13	1434	6 42.2	+13	34	6.6
6 41.3	+13.9	+13	1423	6 41.2	+13	54	8.5
6 37.1	+13.4	+13	1395	6 37.1	+13	29	8.5
6 37.0	+13.9	+13	1393	6 36.9	+13	53	8.8
6 27.9	+13.8	+13	1329	6 27.9	+13	49	7.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 23, 1893

Plate 2553

v H Cl. Rem. Str. Kline Smt.

19.8	7.1	a	R 1
19.4	11.1	a	R 1
19.1	14.0	a	R 1
19.8	17.8	a	R 3
19.7	21.8	G5 S"	K=H2
20.7	6.4	a	R 2
20.4	7.5	a	R 2
20.1	9.9	a	R 2
20.1	10.0	a	R 2
20.8	11.8	a	R 1
20.8	14.4	a	R 1
20.7	14.8	a	R 2
20.1	15.0	a	R 1
20.3	17.8	a	R 1
22.3	7.1	a	R 1
22.4	8.1	S	K=H2
22.2	9.0	H	R 1
22.8	9.1	a	R 2
22.8	13.6	a	R 1
22.5	16.1	a	R 1
23.0	20.4	a	R 2
22.3	12.8	a	R 1
23.8	9.2	H	R 1
23.3	11.8	G5 H	K=H2
23.6	13.1	a	R 1
23.9	13.8	a	R 1
23.9	14.2	a	R 3
24.0	15.9	a	R 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj.:882F

R.a. 1855.	Dec.	BD. No.	R. A. 1855.	Dec. 1855.	Magn.
6 55.8	+14.2	+14° 1549	6h 55.8m	+14° 13'	8.5
6 47.4	+14.1	+14 1491	6 47.6	+14 4	8.9
6 41.8	+13.9	+13 1430	6 41.7	+13 57	8.5
6 33.6	+14.4	+14 1395	6 33.6	+14 21	6.7
6 25.4	+14.2	+14 1339	6 25.4	+14 15	6.0
6 57.4	+14.7	+14 1558	6 57.3	+14 41	6.9
6 55.0	+14.5	+14 1539	6 55.0	+14 33	7.5
6 50.0	+14.5	+14 1513	6 50.0	+14 27	7.6
6 49.8	+14.5	+14 1509	6 49.9	+14 25	7.9
6 46.2	+14.8	+14 1481	6 46.2	+14 48	8.1
6 41.0	+14.8	+14 1452	6 40.9	+14 49	8.7
6 40.1	+14.8	+14 1445	6 40.0	+14 45	7.9
6 39.7	+14.4	+14 1441	6 39.8	+14 25	8.9
6 33.6	+14.6	+14 1394	6 33.6	+14 33	7.5
6 56.1	+15.4	+15 1444	6 56.1	+15 27	7.5
6 54.0	+15.4	+15 1431	6 54.0	+15 32	6.0
6 52.1	+15.5	+15 1416	6 52.1	+15 29	6.9
6 52.0	+15.8	+15 1412	6 52.0	+15 44	7.5
6 42.6	+15.8	+15 1340	6 42.6	+15 47	8.5
6 37.3	+15.7	+15 1309	6 37.2	+15 37	8.3
6 28.1	+15.9	+15 1255	6 28.2	+15 52	7.5
6 23.0	+15.5	+15 1224	6 23.2	+15 31	7.9
6 52.0	+15.8	v. above.			
6 46.4	+16.0	+16 1326	6 46.3	+16 1	7.1
6 43.5	+16.2	+16 1314	6 43.7	+16 11	8.5
6 42.4	+16.4	+16 1303	6 42.3	+16 23	8.8
6 41.5	+16.4	+16 1298	6 41.5	+16 22	6.5
6 37.6	+16.4	+16 1271	6 37.6	+16 26	8.4

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 23, 1893

Plate 2553

V H Cl. Rem. Nr. Klinc Int.

24.0 18.1 a Nr 3

23.4 19.8 a Nr 1

24.1 19.8 a Nr 5.

1 00 23.3 22.8 a K=H2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
6 33.0	16.5	+16 1242	6 33.0	+16 32	7.3
6 29.6	16.1	+16 1226	6 29.6	+16 6	8.6
6 29.4	16.5	+16 1223	6 29.4	+16 31	2.1
6 23.0	16.0	+16 1178	6 23.3	+16 0	6.6

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R. A. 7h.4 Dec. +11.7

July 25 1893

Plate 2228

h. m.	V	H	Cl.	Rem.	Kline Int.
23 20	5.3	7.6	a		R 1
	4.9	11.1	a		R 1
	5.6	14.8	f	3056	K=H 1
	6.0	16.3	a		K=H 1
	5.8	20.5	a		R 3
	6.0	21.7	a		R 1
	6.8	8.1	a		R 1
	6.0	12.6	a		K=H 1
	7.0	17.1	a		R 1
	6.4	17.3	a		R 1
	6.4	17.7	a		R 1
	6.7	19.3	f	3057	K=H 3
	6.9	22.1	a		R 1
	7.4	5.6	a		R 1
	7.5	8.3	a		R 1
	7.3	11.2	a		K=H 1
	7.7	11.8	a		R 2
	7.8	14.3	a		R 1
	7.9	20.3	a		R 1
	7.6	21.3	a		R 1
	8.3	10.0	f	3058	K=H 1
	8.5	10.1	a		R 2
	8.1	14.7	f		K=H 1
	8.3	15.0	f		K=H 1
	8.8	15.7	a		R 5
	8.5	19.2	a		R 1
	8.6	19.5	a		R 1
	8.3	21.4	f	ra	K=H 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj--882F

R.A. 1855	Dec.	B.D. No.	R.A. 1855.	Dec. 1855	Magn.
7h 35.9m	+6.7°	+6 1768	7 35.9	+6 37	8.3
7 29.1	+6.4	+6 1731	7 29.1	+6 24	8.2
7 21.6	+6.9	+6 1688	7 21.5	+6 52	7.2
7 18.0	+6.9	+6 1663	7 18.1	+6 60	8.0
7 9.5	+6.9	+6 1594	7 9.5	+6 56	6.9
7 7.2	+6.9	+6 1583	7 7.2	+6 58	8.4
35.0	+7.4	+7 1818	7 35.0	+7 25	8.5
7 25.9	+6.9	+6 1714	7 25.9	+6 58	8.0
7 16.6	+7.6	+7 1712	7 16.5	+7 34	8.5
7 16.1	+7.2	+7 1711	7 16.0	+7 13	8.5
7 15.3	+7.3	+7 1709	7 15.3	+7 14	8.5
7 11.9	+7.4	+7 1684	7 12.0	+7 24	7.5
7 6.4	+7.4	+7 1646	7 6.4	+7 28	8.0
7 40.4	+7.7	+7 1837	7 40.0	+7 42	7.6
7 34.7	+7.8	+7 1816	7 34.7	+7 48	9.0
7 28.8	+7.7	+7 1780	7 28.7	+7 39	8.0
7 27.4	+7.9	+7 1773	7 27.6	+7 52	7.3
7 22.6	+8.0	+8 1789	7 22.6	+8 1	8.0
7 10.0	+8.0	+8 1723	7 9.9	+8 3	8.5
7 7.9	+7.9	+7 1655	7 7.9	+7 51	8.9
7 31.2	+8.2	+8 1837	7 31.3	+8 10	8.3
7 31.0	+8.3	+8 1831	7 31.0	+8 18	7.8
7 21.8	+8.2	+8 1785	7 21.8	+8 8	8.0
7 21.0	+8.2	+8 1781	7 20.9	+8 13	8.2
7 19.2	+8.6	+8 1774	7 19.3	+8 35	3.0
7 12.2	+8.3	+8 1740	7 12.2	+8 16	8.5
7 11.4	+8.3	+8 1739	7 11.5	+8 19	8.8
7 7.8	+8.2	+8 1712	7 7.8	+8 14	6.8

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 25, 1893

Plate 2328

v H 6 L. Rev. K Line Int.

8.4	21.9	a		N 2
9.2	9.9	H		N 1
9.5	8.9	H		N 1
9.5	14.1	a		N 2
9.9	15.0	F	3059	K=H 1
9.4	15.1	E		K=H 1
10.0	15.6	a		K=H 1
10.0	19.0	a		N 1
9.9	19.6	a		K=H 1
9.3	19.8	E		K=H 1
10.0	21.8	a		K=H 1
10.8	9.2	a		N 1
10.9	9.6	a		N 1
10.4	10.0	F	3060	K=H 1
10.9	12.9	a		N 1
11.0	12.9	E		K=H 1
10.1	15.2	K		K=H 3
10.4	15.8	H		K=H 1
10.8	16.5	G		K=H 3
10.5	17.0	a		K=0.5 H 2
10.2	18.5	a		N 1
10.9	20.5	F	3061	K=H 1
10.9	21.0	a		K=H 1
10.6	23.1	a		N 1
11.9	5.9	E		K=H 1
11.8	7.8	F	3062	K=H 1
11.6	10.4	H		N 1
12.0	13.9	H		N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855.	Dec.	BD. No.	R.A. 1853	Dec. 1855.	Magn.
7h 6.7m	+8.3	+8° 1708	7h 6.7m	+8° 17'	8.2
7 35.8	+8.6	+8 1853	7 35.8	+8 37	8.5
7 33.6	+8.8	+8 1848	7 33.5	+8 46	8.3
7 23.1	+8.9	+8 1791	7 23.1	+8 51	7.8
7 21.2	+9.2	+9 1669	7 21.2	+9 4	9.0
7 20.8	+8.8	+8 1780	7 20.7	+8 48	8.2
7 19.4	+9.0	+9 1657	7 19.5	+9 2	8.2
7 12.6	+9.0	+9 1619	7 12.6	+9 2	8.7
7 11.2	+9.1				
7 11.9	+8.7	+9 1613	7 11.4	+9 2	8.3
7 10.9	+8.7	+8 1735	7 10.9	+8 45	7.7
7 6.7	+9.2	+9 1579	7 6.7	+9 11	8.2
7 33.0	+9.4	+9 1739	7 32.9	+9 28	8.4
7 32.2	+9.4	+9 1736	7 32.1	+9 25	8.4
7 31.2	+9.2	+9 1733	7 31.2	+9 15	7.5
7 25.4	+9.5	+9 1693	7 25.4	+9 29	8.7
7 25.0	+9.7	+9 1694	7 25.4	+9 38	8.1
7 20.2	+9.2	+9 1660	7 20.3	+9 13	5.0
7 19.1	+9.3	+9 1655	7 19.2	+9 20	8.0
7 17.8	+9.4	+9 1643	7 17.7	+9 34	5.4
7 16.7	+9.4	+9 1635	7 16.7	+9 23	8.0
7 13.7	+9.2	+9 1623	7 13.6	+9 10	8.5
7 9.8	+9.5	+9 1603	7 9.7	+9 33	7.3
7 8.7	+9.7	+9 1591	7 8.6	+9 36	8.3
7 4.5	+9.5	+9 1560	7 4.4	+9 28	9.0
7 39.5	+9.9	+9 1765	7 39.6	+9 58	7.8
7 35.9	+9.9	+9 1753	7 35.9	+9 57	8.2
7 30.2	+9.8	+9 1724	7 30.3	+9 50	8.9
7 23.9	+10.2	+10 1557	7 23.8	+10 8	8.5

× BD +9° 1668 substituted for BD +9° 1669.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 25, 1893

Plate 2228

V	H	Cl.	Rem.	No.	K line Int.	
12.0	14.1	a			N 1	
12.0	17.9	a			K=H 1	
11.6	18.9	F		3063	K=H 2	
11.2	20.8	a			N 2	
11.3	21.5	F		3064	K=H 2	
11.2	22.3	H			N 1	
11.1	23.8	a			N 2	
12.3	6.9	a			N 1	
12.4	12.0	a			N 2	
12.3	12.1	E			K=H 1	
12.5	13.8	a			N 1	
12.6	14.0	a			N 1	
12.2	14.4	a			N 1	
12.5	14.5	H			N 1	
12.7	16.8	a			N 1	
12.8	17.1	E			K=H 1	
12.8	18.0	a			N 1	
12.7	18.8	a			K=0.5H 2	
12.9	19.7	a			K=0.5H 2	
14.0	6.6	a			N 3	
13.4	6.8	H			N 1	
13.5	12.6	a			N 3	
13.6	13.2	a			N 1	
13.3	13.1	a			N 1	
13.5	15.8	a			N 1	
13.5	16.1	a			N 2	
14.0	17.3	a			K=0.4H 2	
13.7	17.4	F		3065	K=H 2	

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec. 1855	BD. No.	R.A. 1855	Dec. 1855		Magn.
7h 23.0m	+10.1	+10 1553	7	23.0	+10 7	9.0
7 14.9	+10.1	+10 1516	7	14.8	+10 7	8.5
7 13.0	+9.9	+9 1620	7	12.9	+9 55	7.6
7 9.1	+9.7	+9 1597	7	9.1	+9 43	7.8
7 7.5	+9.7	+9 1583	7	7.6	+9 45	7.7
7 6.0	+9.7	+9 1571	7	5.9	+9 43	8.0
7 [illegible]	+9.6	+9 1550	7	2.9	+9 37	8.0
7 37.8	+10.2	+10 1619	7	37.7	+10 12	9.0
7 27.2	+10.4	+10 1569	7	27.3	+10 26	8.5
7 27.0	+10.3	+10 1567	7	27.0	+10 17	8.5
7 23.7	+10.4	+10 1556	7	23.7	+10 23	8.3
7 23.1	+10.4	+10 1554	7	23.2	+10 24	8.7
7 22.4	+10.2	+10 1549	7	22.4	+10 11	9.0
7 22.1	+10.3	+10 1547	7	22.1	+10 21	8.0
7 17.2	+10.4	+10 1526	7	17.1	+10 26	8.7
7 16.6	+10.6	+10 1525	7	16.4	+10 31	7.5
7 14.5	+10.5	+10 1513	7	14.5	+10 32	8.5
7 13.1	+10.4	+10 1505	7	13.0	+10 28	7.8
7 11.1	+10.6	+10 1490	7	11.1	+10 34	7.0
		1491	7	11.1	+10 36	9.3
7 38.3	+11.1	+11 1670	7	38.3	+11 8	5.0
7 37.8	+10.8	+10 1620	7	37.8	+10 44	8.5
7 26.1	+10.9	+10 1563	7	26.1	+10 53	7.0
7 25.0	+10.9	+10 1561	7	24.9	+10 53	8.8
7 24.8	+10.7	+10 1559	7	24.7	+10 44	9.2
7 19.1	+10.9	+10 1534	7	19.1	+10 53	8.8
7 18.4	+10.9	+10 1532	7	18.5	+10 54	7.0
7 16.0	+11.2	+11 1574	7	16.0	+11 11	7.7
7 15.8	10.9	+10 1521	7	15.8	+10 59	8.2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 25, 1893

Plate 2228

V H Cl. Rem. Klinkerfues

13.8	18.5	a		R 1
13.1	19.5	H		R 1
13.2	19.6	a		R 1
13.7	20.0	f	3066	K=H 1
13.6	22.3	E		K=H 1
14.3	8.8	a		R 1
14.6	9.7	f	3069	K=H 1
14.7	10.6	a		R 1
14.0	10.1	f	3068	K=H 1
14.1	12.5	a		R 2
14.4	12.9	H		K=H 1
14.8	13.2	a		R 1
14.7	14.1	G5		K=H 2
14.4	15.0	H		R 1
14.3	15.7	a		R 1
14.3	16.0	a		R 3
14.1	16.7	a		K=H 1
14.3	18.6	E		K=H 1
14.5	20.0	H		R 1
14.5	20.7	a		R 2
16.0	7.0	a		K=H 1
15.6	9.0	a		R 1
15.6	12.4	a		K=H 1
15.4	12.5	a		K=H 1
15.4	14.9	a		R 2
15.4	15.0	E		K=H 1
15.5	16.9	a		K=0.3H4
16.0	16.1	a		R 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	A.D. No.	R.A. 1855	Dec. 1855		Magn.
7h 13.m8	+11.° 0	+11 1560	7 13.7	+11	1	8.5
7 11.6	+10.7	+10 1495	7 11.6	+10	40	7.7
7 11.4	+10.7	+10 1494	7 11.4	+10	42	7.7
7 10.6	+10.9	+10 1486	7 10.5	+10	57	8.6
7 5.9	+10.9	+10 1458	7 5.8	+10	56	7.5
7 33.8	+11.2	+11 1648	7 33.7	+11	13	8.8
7 32.0	+11.4	+11 1641	7 32.0	+11	25	7.8
7 30.2	+11.4	+11 1634	7 30.3	+11	27	8.5
7 31.1	+11.1	+11 1638	7 31.1	+11	6	8.5
7 26.3	+11.1	+11 1613	7 26.2	+11	8	8.5
7 25.5	+11.3	+11 1607	7 25.5	+11	19	8.1
7 25.0	+11.5	+11 1604	7 24.9	+11	32	9.2
7 23.0	+11.5	+11 1598	7 23.1	+11	30	7.5
7 21.3	+11.3	+11 1593	7 21.3	+11	19	8.3
7 19.4	+11.2	+11 1589	7 19.4	+11	15	9.0
7 18.7	+11.3	+11 1588	7 18.7	+11	17	6.8
7 17.3	+11.2	+11 1580	7 17.2	+11	12	8.7
7 13.5	+11.3	+11 1558	7 13.4	+11	17	7.7
7 10.6	+11.3	+11 1544	7 10.6	+11	20	7.8
7 9.2	+11.4	+11 1527	7 9.2	+11	23	8.0
7 37.6	+12.1	+12 1664	7 37.5	+12	5	8.6
7 33.6	+11.8	+11 1645	7 33.5	+11	51	9.2
7 27.0	+11.9	+11 16$\frac{21}{15}$	7 27.0	+11	52	9.2
7 26.8	+11.8	+11 1615	7 26.5	+11	49	8.8
7 21.5	+11.8	+11 1594	7 21.4	+11	50	8.5
7 21.0	+11.9	+11 1592	7 21.2	+11	53	7.5
7 17.0	+11.9	+11 1578	7 16.9	+11	57	5.8
7 14.8	+12.2	+12 1521	7 14.8	+12	11	8.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 25, 1893

Plate 2228

v H Cl. Rem Klinefelter

16.0	19.8	F	3069	K=H	1
16.4	9.6	a		R	1
16.1	10.2	H.		K=H	1
16.6	11.3	F	3070	K=H	1
16.1	12.1	F	3071	K=H	1
16.9	12.5	a		R	2
16.8	14.2	a		R	2
16.2	14.8	g5K		K=H	4
16.6	15.1	a		K=H	1
16.1	15.8	g		K=H	2
16.4	2.2.0	g		K=H	3
17.6	13.7	g		K=H	2
17.9	14.0	a		R	1
17.7	14.9	a		R	1
17.2	15.0	F	3072	K=H	2
17.8	15.0	a		K=H	3
17.4	23.0	a		R	2
18.2	7.8	J		K=H	2
18.5	13.2	a		R	1
18.3	16.7	H		K=H	1
18.5	18.7	a		K=H	2
18.4	18.9	a		K=H	2
19.0	19.5	f	3073	K=H	1
19.3	6.5	g		K=H	1
19.4	9.0	J		K=H	2
19.9	9.5	g5J		K=H	2
19.2	12.9	f	3074	K=H	1
19.4	15.0	F	3075	K=H	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj.002F

R.A. 1855	Dec.	BD.	No.	R.A. 1855	Dec. 1855	Magn.
7 10.9	+12.1	+12	1495	7 10.9	+12 6	8.2
7 32.6	+12.3	+12	1630	7 32.2	+12 19	8.5
7 31.0	+12.2	+12	1626	7 31.0	+12 12	7.8
7 28.8	+12.4	+12	1615	7 28.8	+12 24	8.2
7 27.2	+12.2	+12	1605	7 27.3	+12 10	8.3
7 26.4	+12.6	+12	1596	7 26.5	+12 37	7.7
7 23.0	+12.6	+12	1574	7 23.0	+12 33	8.7
7 21.8	+12.3	+12	1567	7 21.7	+12 18	5.0
7 20.8	+12.4	+12	1562	7 20.7	+12 26	8.5
7 19.1	+12.2	+12	1548	7 19.1	+12 14	7.5
7 6.5	+12.4	+12	1469	7 6.5	+12 22	6.5
~~7 23.9~~	~~+12.9~~					
~~7 23.2~~	~~+13.0~~	+12	1582	7 23.9	+12 58	7.5
7 23.2	+13.0	+13	1695	7 23.2	+13 4	8.7
7 21.7	+12.9	+12	1566	7 21.6	+12 58	8.8
7 21.2	+12.7	+12	1564	7 21.2	+12 44	8.0
* 7 21.2	+13.0	+13	1683	7 21.1	+13 3	7.1
7 4.5	+12.8	+12	1463	7 4.4	+12 46	8.2
7 36.1	+13.2	+13	1750	7 36.2	+13 13	7.0
7 25.0	+13.5	+13	1699	7 24.9	+13 29	9.1
7 17.5	+13.4	+13	1663	7 17.4	+13 22	8.0
7 13.2	+13.4	+13	1641	7 13.2	+13 26	7.8
7 13.0	+13.3	+13	1637	7 12.9	+13 21	8.0
7 11.5	+13.7	+13	1634	7 11.7	+13 38	8.5
7 41.0	+13.8	+13	1772	7 40.9	+13 44	6.5
7 33.8	+13.8	+13	1737	7 33.8	+13 50	6.5
7 32.7	+14.1	+14	1721	7 32.6	+14 5	6.5
7 25.6	+13.7	+13	1702	7 25.7	+13 43	8.3
7 20.2	+13.8	+13	1678	7 20.1	+13 64	8.9

* BD +13°1682 superseded by BD +13°1683

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 25, 1893

Plate 2228

V H Col. Rem. K line Int.

19.6	16.1	E		K=H 1
19.5	15.3	A		K 1
19.9	17.5	F	3076	K=H 1
20.0	17.9	F	3077	K=H 1
19.0	18.0	A		K 1
19.3	20.0	H		K 1

h m.
12 00 19.9 20.8 F 3078 K=H 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.	Dec. 1855		Magn.
7h 20.7m	+13.9°	+13.1680	7	20.6	+13 54	8.6
7 20.2	+13.9	+13 1678	7	20.1	+13 54	8.9
7 15.8	+14.1	+14 1653	7	15.8	+14 6	8.8
7 15.2	+14.2	+14 1650	7	15.2	+14 12	8.7
7 14.8	+13.6	+13 1652	7	14.7	+13 36	9.0
7 10.6	+13.8	+13 1626	7	10.6	+13 47	7.7
7 9.0	+14.1	+14 1619	7	9.0	+14 6	7.7

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26, 1893

(23h 30m)? Plate 2226 (continued)

V H Cl. Rim Kline Int.

19.7	22.6	G		K=H 2
20.3	6.5	a		K=H 1
20.5	7.8	F	3079	K=H 1
20.7	8.9	a		K=H 3
20.4	10.9	a		R 3
21.0	10.9	a		R 2
20.3	11.1	a		R 1
20.5	12.6	H		R 1
20.0	14.5	F	3080	K=H 2
20.9	15.0	a		K=0.3H 3
20.4	16.4	a		R 2
20.8	18.0	a		K=H 1
20.2	18.3	a		K=H 1
20.3	8.8	F	3081	K=H 1
20.6	19.2	G		K=H 1
21.0	20.0	a		R 2
20.2	21.8	a		R 1
21.5	9.9	a		K=H 1
21.9	12.7	a		K=H 1
21.5	15.6	H		K=H 1
21.9	16.4	a		K=H 1
21.1	17.3	a		K=H 1
22.9	8.1	a		K=H 2
22.1	11.4	a		K=H 1
22.4	15.1	a		R 3
22.9	15.8	a		R 2
22.6	17.5	a		R 1
22.9	17.9	G		K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.882F

R.A. 1855.	Dec.	BD.	Ao.	R.A. 1855.	Dec. 1855.	Magn.
7 15.3	+14.0	+14	1600	7 15.2	+14 0	6.5
7 38.5	+14.3	+14	1733	7 38.8	+14 14	8.4
7 36.9	+14.5	+14	1738	7 36.0	+14 31	7.9
7 33.9	+14.6	+14	1729	7 33.9	+14 32	6.0
7 29.7	+14.3	+14	1713	7 29.7	+14 23	6.5
7 29.7	+14.7	+14	1712	7 29.7	+14 40	6.5
7 29.3	+14.3	+14	1711	7 29.3	+14 18	8.7
7 26.2	+14.4	+14	1699	7 26.2	+14 25	8.0
7 22.2	+14.2	+14	1681	7 22.3	+14 10	7.8
7 21.1	+14.7	+14	1676	7 21.0	+14 40	8.9
			1677	7 21.0	+14 39	7.5
7 17.9	+14.4	+14	1665	7 17.8	+14 23	8.0
7 14.6	+14.6	+14	1649	7 14.6	+14 33	8.5
7 15.0	+14.2	+14	1650	7 15.2	+14 12	8.7
7 33.9	+14.6	+14	1729	7 33.9	+14 32	6.0
7 12.1	+14.5	+14	1640	7 12.1	+14 29	9.0
7 10.4	+14.6	+14	1628	7 10.5	+14 37	8.0
7 6.8	+14.2	+14	1608	7 6.7	+14 15	8.5
7 31.6	+14.9	+14	1720	7 31.7	+14 52	9.0
7 26.0	+15.0	+15	1602	7 26.1	+15 4	8.6
7 19.4	+14.9	+14	1671	7 19.5	+14 58	7.8
7 18.0	+15.1	+15	1571	7 17.9	+15 8	8.5
7 16.9	+14.8	+14	1654	7 16.0	+14 45	9.2
7 35.5	+15.6	+15	1642	7 35.7	+15 36	7.7
7 28.8	+15.2	+15	1611	7 28.8	+15 13	8.8
7 20.6	+15.4	+15	1579	7 20.6	+15 25	7.0
7 19.2	+15.7	+15	1574	7 19.2	+15 35	7.3
7 15.5	+15.4	+15	1811	7 15.8	+15 29	9.1
7 14.8	+15.7	+15	1554	7 14.8	+15 38	6.9

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26. 1893

Plate 2228
V H Cl. Rem Kline Int.

22.5	19.3	a		N 3
22.6	19.7	a		K=H 1
? 22.6	22.1	a		N 2
22.9	23.6	F	3082	K=H 1
23.5	11.8	a		N 1
23.9	13.1	a		K=0.2H3
23.5	13.2	E		K=H 1
23.3	15.5	F	3083	K=H 1
23.5	15.8	a		N 1
23.7	16.7	a		N 1
23.2	17.2	B	3084	N 3
23.6	19.0	a		N 1
23.6	19.8	a		K=H 1
23.7	20.4	a		N 1
23.1	20.9	a		N 1
23.8	22.2	F	3085	K=H 1
24.3	7.6	a		K=H 1
23.4	13.3	a		N 2
23.6	16.0	a		N 1
24.3	16.4	F	3086	K=H 1
24.2	16.8	a		N 2
24.5	19.3	E		K=H 1
24.5	21.0	F	3087	K=H 1
24.5	22.6	Ima		K=H 3

R.A. 8.7 Dec. +11.6
Plate 1252

4.5	9.1	a		K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

R.a. 1855.	Dec.	B.D. No.	R.a. 1855.	Dec. 1855.	Magn.
7h 11.9m	+15°.3	+15° 1541	7h 11.9m	+15° 26′	6.8
7 11.1	+15.4	+15 1537	7 11.2	+15 27	8.5
7 3.0	+15.6	+15 1494	7 3.0	+15 34	7.3
7 28.0	+15.9	+15 1609	7 28.0	+15 55	9.1
7 25.3	+16.1	+16 1510	7 25.3	+16 8	5.7
7 25.1	+15.9	+15 1598	7 25.2	+15 56	7.5
7 19.8	+15.8	+15 1577	7 19.9	+15 49	8.5
7 19.1	+15.9	+15 1573	7 19.1	+15 57	9.0
7 17.3	+15.9	+15 1568	7 17.3	+15 60	8.9
7 16.1	+15.8	+15 1564	7 16.2	+15 48	7.0
7 12.6	+15.9	+15 1545	7 12.5	+15 56	9.0
7 10.9	+15.9	+15 1536	7 11.0	+15 55	9.0
7 9.9	+16.0	+16 1442	7 9.7	+16 0	8.4
7 8.6	+15.7	+15 1525	7 8.6	+15 41	8.8
7 6.0	+16.0	+16 1422	7 6.0	+16 1	8.5
7 36.8	+16.2	+16 1549	7 36.7	+16 14	8.0
7 24.8	+16.3	+16 1506	7 24.8	+16 17	8.0
7 21.2	+16.3	+16 1490	7 21.2	+16 28	8.1
7 20.1	+16.3	+16 1485	7 20.0	+16 16	9.2
7 13.0	+16.3	+16 1453	7 13.0	+16 15	8.5
7 11.9	+16.4	+16 1448	7 11.9	+16 24	8.0
7 8.6	+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
6 54.1	+6.2	+6 2089	7 54.2	+16 14	8.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26, 1893

Plate 1252

V	H	Cl.	Rem.	K line Int.
4.4	9.2	H		K=H 1
4.8	12.3	b		K=1.5H 4
5.0	15.4	a		Nr 1
4.6	15.7	a		Nr 4
4.4	17.4	a		K=0.3H 2
4.4	21.1	a		Nr 4
6.7	16.5	f	3086	K=H 4
6.9	6.4	a		Nr 1
6.4	11.8	a		K=H 1
6.1	15.0	a		Nr 2
7.0	15.0	H		K=H 1
6.2	22.0	f	3089	K=H 2
7.7	8.7	b.f		K=H 2
9.0	14.0	f	3090	K=H 2
8.9	20.2	b		K=H 1
9.5	10.7	a		Nr 1
9.8	13.1	f	3091	K=H 1
9.8	16.7	a		Nr 2
9.7	22.8	a		K=H 2
10.9	10.5	a		Nr 2
10.5	15.2	f	3092	K=H 1
11.6	11.3	b		K=H 2
11.7	16.4	f	3093	K=H 1
12.9	20.9	a		Nr 3
12.9	17.6	a		Nr 3
12.5	19.5	a		K=H 1
12.1	21.4	a		K=0.1H 3
12.9	23.6	a		Nr 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

R.A. 1855.	Dec.	BD. No.	R.A. 1855.		Dec. 1855.		Magn.
8h 54.0m	+6.°2	+6 2087	8	53.9	+6	12	6.5
8 47.8	+6.5	+6 2060	8	47.7	+6	30	3.0
8 41.7	+6.6	+6 2044	8	41.7	+6	36	8.8
8 40.8	+6.5	+6 2040	8	40.8	+6	22	4.8
8 37.3	+6.2	+6 2030	8	37.4	+6	12	7.0
8 30.1	+6.2	+6 2001	8	30.0	+6	13	4.5
8 39.0	+6.9	+6 2036	8	39.1	+6	57	3.5
8 59.7	+7.4	+7 2078	8	59.7	+7	25	8.0
8 49.0	+7.2	+7 2049	8	48.8	+7	12	8.5
8 42.0	+7.1	+7 2037	8	42.2	+7	5	7.7
8 42.0	+7.6	+7 2036	8	42.1	+7	33	7.5
8 28.1	+7.1	+7 1997	8	28.1	+7	7	6.0
8 55.0	+7.9	+7 2066	8	55.0	+7	53	6.5
8 44.4	+8.6	+8 2134	8	44.5	+8	36	6.8
8 31.5	+8.5	+8 2099	8	31.7	+8	31	7.5
8 51.0	+8.8	+8 2148	8	51.0	+8	48	8.3
8 46.1	+8.9	+8 2138	8	46.2	+8	57	7.7
8 38.8	+9.0	+9 2047	8	38.7	+9	0	7.5
8 26.3	+8.9	+8 2077	8	26.4	+8	56	7.0
8 51.5	+9.6	+9 2099	8	51.5	+9	32	7.5
8 41.7	+9.4	+9 2063	8	41.7	+9	24	7.8
8 49.9	+9.9	+9 2093	8	49.9	+9	56	6.0
8 39.3	+9.9	+9 2053	8	39.4	+9	55	8.8
8 30.2	+10.1	+10 1840	8	30.3	+10	5	7.4
8 37.0	+10.6	+10 1864	8	36.9	+10	36	6.0
8 33.0	+10.3	+10 1848	8	33.0	+10	20	7.8
8 29.2	+10.1	+10 1837	8	29.2	+10	10	6.0
8 24.7	+10.6	+10 1818	8	24.8	+10	35	6.8

* Chart

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26, 1893

Plate 1252

V H Cl. Rev. Kluit Int.

12.4	24.0	a		N 2
13.6	15.7	H		N 1
14.0	16.8	F	3094	K=H 1
13.9	23.0	a		K=H 1
14.3	6.4	a		N 1
14.5	11.3	a		N 1
15.0	16.4	a		N 1
14.8	19.3	a		N 2
14.5	19.7	H		K=H 1
16.0	12.3	Zo	M3	K=H 2
15.8	20.1	F	3095	K=H 1
15.7	21.0	a		N 1
15.4	22.4	F	3096	K=H 1
16.1	6.4	F	3097	K=H 2
16.4	11.1	a		K=0.3H 4
16.5	14.3	H		N 1
17.0	14.5	F	3098	K=H 1
16.9	16.6	a		K=0.1H 3
16.1	21.7	a		N 1
18.0	10.0	a		N 1
17.1	15.3	F	3099	K=H 1
17.8	15.8	H		N 1
18.0	18.4	a		K=0.3H 3
19.0	10.6	H		N 1
19.2	17.8	a		K=H 1
19.2	23.1	J		K=H 2
19.7	22.1	a		N 1
20.4	13.6	a		K=0.3H 2

Ef. on Sept. 4, 1903, W.P.7.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj.:882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
8h 24.0m	+10.2	+10 1816	8 24.0	+10 18	7.5
8 40.8	+10.9	+10 1876	8 40.7	+10 57	7.1
8 38.5	+11.1	+11 1908	8 38.5	+11 6	7.7
8 26.0	+11.0	+11 1870	8 26.1	+11 4	7.8
8 59.9	+11.2	+11 1984	8 59.9	+11 14	5.5
8 50.0	+11.4	+11 1950	8 50.0	+11 23	8.2
8 39.2	+11.7	+11 1913	8 39.3	+11 41	7.8
8 33.4	+11.6	+11 1894	8 33.4	+11 34	7.5
8 32.6	+11.4	+11 1892	8 32.6	+11 26	7.2
8 48.0	+12.2	+12 1941	8 48.0	+12 11	5.8
8 31.9	+12.0	+12 1888	8 31.9	+12 2	8.1
8 30.0	+11.9	+11 1885	8 30.0	+11 57	8.1
8 27.0	+11.8	+11 1874	8 27.1	+11 47	7.5
9 2.0	+12.1	+12 1979	9 1.9	+12 10	7.0
8 50.5	+12.4	+12 1948	8 50.6	+12 26	4.3
8 43.9	+12.4	+12 1927	8 43.9	+12 25	8.0
8 43.4	+12.7	+12 1925	8 43.5	+12 39	8.0
8 39.0	+12.7	+12 1904	8 39.0	+12 38	6.2
8 28.6	+12.2	+12 1872	8 28.6	+12 12	8.5
8 53.0	+13.1	+13 2028	8 52.9	+13 8	8.1
8 41.6	+12.7	+12 1914	8 41.6	+12 42	8.5
* 8 40.7	+13.1	+13 1994	8 40.7	+13 5	7.2
8 35.2	+13.2	+13 1972	8 35.2	+13 12	6.0
8 51.3	+13.6	+13 2021	8 51.5	+13 39	7.5
8 38.0	+13.8	+13 1981	8 38.0	+13 47	8.7
8 25.8	+13.8	+13 1940	8 25.7	+13 45	6.8
8 27.7	+14.0	+14 1927	8 27.7	+14 2	8.2
8 45.8	+14.3	+14 1989	8 45.7	+14 24	6.8

* BD. +13° 1993 entered on BD. +13° 1994.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26, 1893

Plate 1252

V	H	Cl.	Rem.	Kline Int
20.8	17.8	a		N 1
20.2	21.9	a		N 2
21.6	13.5	a		N 1
21.4	19.8	a		K=H1
22.3	15.2	F	3800	K=H1
23.9	11.7	a		K=0.4H2
23.4	11.8	a		K=0.3H3
23.4	14.8	E		K=H2
23.4	16.5	a		K=H1
23.3	22.0	a		K=H2

R.A. 12.7 ~~Dec. H1.8~~

Plate 1386

4.5	15.0	a		N 3
6.1	17.6	a		K=0.1H4
7.8	15.8	a		K=0.5H4
7.7	16.7	F	3101	K=H1
7.9	16.3	E		K=H1
7.5	21.0	F	3102	K=H1
8.0	21.3	G	J	K=H2
7.9	21.8	G		K=H2
7.8	22.9	K		K=H2
8.4	12.8	E		K=H1
9.0	13.1	E		K=H1
8.6	17.5	F	3103	K=H1
9.9	6.6	F	3104	K=H1
9.6	14.8	F	3105	K=H1
10.0	20.0	a		K=0.3H3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

R.A. 1855	Dec.	BD: No.	R.A. 1855.	Dec. 1855.	Magn.
8h 38.1m	+14.6	+14° 1971	8h 38.1m	+14° 36'	7.8
8 28.1	+14.2	+14 1929	8 28.1	+14 17	8.0
		+14 1930	8 28.2	+14 16	8.9
8 45.7	+14.9	+14 1988	8 45.7	+14 57	7.7
8 32.6	+14.9	+14 1946	8 32.5	+14 53	8.0
8 42.0	+15.3	+15 1912	8 41.9	+15 23	7.0
8 49.6	+16.1	+16 1864	8 49.5	+16 8	6.1
8 49.2	+15.9	+15 1945	8 49.2	+15 54	5.7
8 43.0	+15.9	+15 1917	8 42.9	+15 53	6.7
8 39.1	+15.9	+15 1901	8 39.2	+15 52	7.5
8 28.0	+15.8	+15 1851	8 28.0	+15 48	6.5
12 39.6	+6.8	+6 2660	12 39.7	+6 46	6.7
12 34.5	+7.6	+7 2568	12 34.6	+7 36	6.0
12 38.3	+8.5	+8 2639	12 38.3	+8 28	6.0
12 36.5	+8.4	+8 2636	12 36.5	+8 22	8.3
12 33.2	+8.5	+8 2626	12 33.2	+8 30	8.5
12 27.8	+8.2	+8 2621	12 27.7	+8 14	8.2
12 27.0	+8.6	+8 2619	12 27.1	+8 32	7.1
12 26.1	+8.5	+8 2617	12 26.2	+8 28	7.1
12 24.0	+8.4	+8 2609	12 24.0	+8 24	6.5
12 44.6	+8.7	+8 2652	12 44.6	+8 42	8.3
12 44.0	+9.0	+9 2683	12 44.0	+9 40	8.2
12 34.9	+8.9	+8 2634	12 34.9	+8 51	8.0
12 57.2	+9.4	+9 2713	12 57.2	+9 26	8.1
12 40.7	+9.3	+9 2673	12 40.6	+9 19	8.3
12 29.8	+9.6	+9 2648	12 29.8	+9 36	7.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26, 1893

Plate 1386

V H Cl. Rut. Nr. Kline Sat.

10.7	14.6	F	3106	K=H 2
10.5	15.1	F		K=H 2
11.0	15.4	F	3107	K=H 2
10.1	18.2	F	3108	K=H 2
11.6	9.0	G		K=H 2
11.2	9.9	a		K 3
11.2	10.5	E		K=H 1
11.2	14.0	E		K=H 1
11.5	15.5	E		K=H 1
11.7	19.5	E		K=H 1
12.0	23.3	F	3109	K=H 2
12.6	9.3	F	3110	K=H 1
12.6	17.0	H		K=H 1
12.2	17.7	F	3111	K=H 3
12.8	17.7	a		K=0.1 H 4
13.0	22.0	G		K=H 2
13.9	9.2	H		K 1
13.5	10.5	a		K 1
13.2	17.8	a		K=0.3 H 3
13.6	19.8	H		K=H 1
13.9	20.3	F	3112	K=H 1
15.0	6.9	E		K=H 1
14.3	7.8	G		K=1.5 H 5
14.9	8.2	F	3113	K=H 1
14.2	16.6	F	3114	K=H 1
14.2	17.5	a		K 1
14.1	21.1	a		K=H 2
14.2	21.4	a		K=H 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj:.002F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
12h 41.5m	+9.9	+9° 2675	12h 41.0m	+9°	54′	8.2
12 39.8	+9.9	+9 2669	12 39.7	+9	51	7.9
12 39.1	+10.0	+10 2469	12 39.1	+10	5	8.2
12 33.5	+9.7	+9 2658	12 33.6	+9	38	7.7
12 52.5	+10.3	+10 2496	12 52.5	+10	18	7.3
12 50.4	+10.1	+10 2490	12 50.6	+10	8	7.8
12 49.2	+10.1	+10 2487	12 49.3	+10	6	8.2
12 42.4	+10.1	+10 2474	12 42.3	+10	10	8.3
12 39.0	+10.3	+10 2468	12 39.0	+10	22	6.4
12 30.8	+10.4	+10 2455	12 30.8	+10	23	8.5
12 23.0	+10.5	+10 2432	12 23.2	+10	32	8.0
12 52.0	+10.8					
12 35.9	+10.9	+10 2461	12 36.0	+10	54	8.1
12 34.5	+10.7	+10 2459	12 34.5	+10	40	7.7
12 34.4	+11.0	+11 2485	12 34.6	+11	2	5.2
12 25.8	+11.1	+11 2473	12 25.7	+11	5	6.4
12 52.1	+11.4	+11 2520	12 52.1	+11	28	8.2
12 49.5	+11.3	+11 2413	12 49.5	+11	20	8.4
12 34.4	+11.2	+11 2484	12 34.3	+11	13	7.0
12 30.3	+11.4	+11 2478	12 30.3	+11	23	8.0
12 29.1	+11.5	+11 2477	12 29.1	+11	32	8.3
12 56.9	+12.0	+12 2545	12 56.8	+12	1	8.0
12 55.0	+11.7	+11 2529	12 55.0	+11	44	3.0
12 54.1	+11.9	+11 2527	12 54.1	+11	55	8.5
12 36.7	+11.7	+11 2487	12 36.7	+11	44	8.6
12 35.8	+11.7					
12 27.5	+11.7	+11 2475	12 27.6	+11	38	8.0
12 27.0	+11.7	+11 2474	12 27.0	+11	43	7.5

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26. 1893

Plate 1386

V H Cl. Rem Klinic Int.

15.4 11.1 Y K=H 2

15.2 15.4 F 3115 K=H 1

16.0 20.0 E K=H 1

15.2 20.6 F 3116 K=H 1

15.5 21.0 G5H K=H 1

15.0 21.2 E K=H 1

16.5 17.2 F 3117 K=H 1

16.6 14.4 Y K=H 2

16.3 15.1 a K=0.3H3

16.7 22.7 a K=H 1

17.8 11.2 E K=H 1

17.2 12.0 a K=0.7H3

17.3 12.3 a R 2

17.2 13.2 a R 1

17.5 13.6 F 3118 K=H 1

17.8 18.3 H R 1

18.8 8.3 a R 3

19.0 14.5 H R 1

19.4 14.8 a K=0.H3

19.2 14.9 H R 1

19.6 15.2 F 3119 K=H 1

19.6 15.7 F 3120 K=H 1

19.9 19.3 Y K=H 2

20.5 14.4 a K=0.3H4

21.0 16.0 a R 2

22.5 12.5 F 3121 K=H 1

22.6 16.8 a K=H 1

22.1 19.4 F 3122 K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
12h 48.2m	+12.2	+12° 2529	12h 48.2m	+12° 17'	7.3
12. 39.2	+12.2	+12 2511	12 39.3	+12 10	8.6
12 29.8	+12.6	+12 2495	12 29.9	+12 37	7.8
12 28.7	+12.2	+12 2492	12 28.7	+12 12	8.3
12 27.9	+12.3	+12 2489	12 27.9	+12 20	7.3
12 27.2	+12.1	+12 2488	12 27.3	+12 6	7.8
12 56.1	+12.8	+12 2544	12 56.2	+12 46	8.3
12 41.5	+12.9	+12 2518	12 41.6	+12 53	7.3
12 40.0	+12.8	+12 2512	12 39.9	+12 45	6.5
12 24.3	+12.9	+12 2484	12 24.3	+12 56	7.3
12 48.1	+13.5	+13 2607	12 48.2	+13 29	8.2
12 46.6	+13.2	+13 2602	12 46.6	+13 12	6.0
12 45.9	+13.2	+13 2599	12 45.9	+13 16	7.6
12 44.1	+13.1	+13 2596	12 44.1	+13 10	8.3
12 43.3	+13.3	+13 2594	12 43.3	+13 21	8.3
12 33.5	+13.5	+13 2569	12 33.6	+13 30	8.2
12 54.1	+13.9	+13 2619	12 54.2	+13 57	8.0
12 41.5	+14.1	+14 2547	12 41.5	+14 6	8.2
12 41.0	+14.3	+14 2546	12 41.0	+14 21	6.5
12 40.6	+14.2	+14 2545	12 40.6	+14 12	8.1
12 39.8	+14.4	+14 2544	12 39.8	+14 25	7.5
12 38.6	+14.4	+14 2539	12 38.7	+14 21	8.2
12 31.2	+14.6	+14 2523	12 31.3	+14 36	6.5
12 41.7	+14.9	+14 2549	12 41.6	+14 55	5.9
12 38.1	+15.1	+			
12 45.7	+15.8	+15 2515	12 45.7	+15 49	8.2
12 36.6	+15.9	+15 2500	12 36.6	+15 55	8.7
12 31.0	+15.7	+15 2488	12 31.2	+15 40	7.7

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26, 1893

Plate 1386

v H cl. Rem. Nr. Klumpke

23.2 14.5 F 3123 K=H1

23.6 15.2 G. K=H2

23.2 17.0 F 3124 K=H1

R.A. 15h.4 Dec. +11°.7

Plate 1319

5.6 7.7 K K=1.5H5-

5.2 11.8 a K=H1

7.4 6.6 F 3125 K=H3

8.3 8.7 F 3126 K=H1

9.7 14.4 F 3127 K=H2

9.6 17.4 F 3128 K=H1

10.4 19.2 F 3129 K=H1

12.0 8.7 F 3130 K=H1

11.3 9.3 F 3131 K=H1

11.4 13.0 F 3132 K=H1

12.0 21.2 a N 2

12.3 6.5 a N 2

12.6 11.6 G. K=H3

12.9 21.7 F 3133 K=H2

13.8 10.5 F 3134 K=H1

13.1 10.9 F 3135 K=H2

13.5 12.4 F 3136 K=H5-

13.7 17.5 a N 2

13.6 18.6 F 3137 K=H1

13.5 20.2 F 3138 K=H2

14.0 23.1 H K=H2

13.1 23.6 a N 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
12h 41.6m	16.2	+16° 2427	12h 41.6	+16° 13'	8.7
12 39.9	16.4	+16 2420	12 39.9	+16 24	7.3
12 36.1	16.2	+16 2411	12 36.1	+16 11	8.7
15 37.1	+6.9	+6 3088	15 37.2	+6 53	2.2
15 29.0	+6.7	+6 3069	15 28.9	+6 39	7.5
15 39.5	+7.8	+7 3023	15 39.4	+7 49	5.0
15 35.2	+8.3	+8 3066	15 35.2	+8 17	7.5
15 23.9	+9.1	+9 3055	15 23.9	+9 5	6.7
15 17.4	+9.0	+8 3023	15 17.3	+8 60	8.0
15 13.7	+9.5	+9 3025	15 13.7	+9 27	7.9
15 35.2	+10.1	+10 2893	15 35.3	+10 7	8.1
15 34.1	+9.8	+9 3083	15 34.1	+9 46	8.1
15 26.7	+9.9	+9 3066	15 26.7	+9 51	8.2
15 9.6	+10.2	+10 2818	15 9.6	+10 14	7.0
15 39.9	+10.2	+10 2904	15 39.8	+10 15	7.4
15 29.5	+10.3	+10 2884	15 29.5	+10 30	6.2
15 8.6	+10.7	+10 2816	15 8.6	+10 39	7.1
15 31.9	+11.1	+11 2834	15 31.9	+11 6	7.4
15 31.0	+10.8	+10 2886	15 31.0	+10 44	7.3
15 27.9	+11.0	+11 2821	15 27.9	+11 2	3.3
15 17.3	+11.0	+11 2800	15 17.3	+11 4	7.3
15 15.0	+11.0	+11 2794	15 15.0	+11 3	8.4
15 11.8	+10.9	+10 2823	15 11.8	+10 58	6.8
15 6.0	+11.2	+11 2780	15 5.9	+11 14	6.7
15 5.0	+10.8	+10 2804	15 4.8	+10 46	7.1

*BD +10° 2819 entered here on BD +16° 2815

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26, 1893

Plate 1319

V H Cl. Rem. Nr. Kline Int.

14.9	11.1	cF	3139	K=H 1
15.0	11.9	G2J		K=H 2
14.5	13.5	cF	3140	K=H 1
14.5	17.2	cF	3141	K=H 2
15.8	6.4	a		K=H 1
15.2	7.7	cF	3142	K=H 1
16.7	9.8	G2J		K=H 2
17.0	10.5	a		K 2
16.5	14.6	H		K 1
16.3	15.6	a		K=H 2
17.2	11.2	cF	3143	K=H 2
17.6	18.3	a		K=0.1H 3
18.1	5.6	a		K 2
18.2	9.1	a		K=0.1H 4
18.4	12.0	cF	3144	K=H 1
18.6	15.1	cF	3145	K=H 1
19.9	8.4	E		K=H 2
19.3	16.0	cF	3146	K=H 1
20.2	5.9	J		K=H 2
20.8	6.4	a		K 0
21.9	16.4	a		K=H 1
22.4	11.6	a		K=0.2H 2
23.4	7.0	a		K 3
23.3	16.7	Dra		K 2
24.6	9.5	E		K=H 2
24.8	11.7	a		K=H 3
24.6	13.8	a		K 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
15h 30.7m	+11.6	+11° 2833	15h 30.7m	+11° 37'	7.5
15 29.0	+11.8	+11 2826	15 29.0	+11 44	6.3
15 26.0	+11.4	+11 2816	15 25.8	+11 28	7.2
15 18.0	+11.6	+11 2801	15 17.9	+11 30	7.3
15 40.2	+11.9	+11 2864	15 40.2	+11 59	7.5
15 37.7	+11.8	+11 2853	15 37.7	+11 45	7.5
15 33.3	+12.5	+12 2875	15 33.3	+12 32	6.5
15 31.9	+12.8	+12 2870	15 31.9	+12 45	7.2
*15 23.5	+12.5	+12 2844	15 23.5	+12 29	7.5
15 21.3	+12.4	+12 2838	15 21.2	+12 22	7.0
15 30.5	+12.8	+12 2863	15 30.6	+12 47	7.0
15 15.4	+13.0	+13 2928	15 15.5	+13 6	6.4
15 42.1	+13.1	+13 3012	15 42.0	+13 10	7.0
15 34.9	+13.3	+13 2982	15 35	+13 18	5.5
15 29.0	+13.4	+13 2969	15 29.0	+13 25	7.5
15 22.2	+13.5	+13 2953	15 22.3	+13 33	6.8
15 36.5	+14.1	+14 2922	15 36.4	+14 8	6.8
15 20.4	+13.9	+13 2946	15 20.4	+13 54	7.2
15 41.5	+14.2	+14 2940	15 41.5	+14 15	7.0
15 40.7	+14.6	+14 2939	15 40.5	+14 34	6.0
15 19.5	+15.2	+15 2862	15 19.6	+15 13	8.0
15 30.0	+15.4	+15 2891	15 30.0	+15 24	7.0
15 39.5	+15.9	+15 2911	15 39.5	+15 53	3.3
15 19.0	+15.9	+15 2858	15 19.1	+15 56	4.8
15 34.4	+16.5	+16 2816	15 34.4	+16 31	6.0
15 29.9	+16.6	+16 2807	15 29.8	+16 36	6.0
15 25.4	+16.6	+16 2797	15 25.5	+16 33	6.2

*BD. +13° 2843 and found on BD. +13° 2844

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 17ʰ 4 Dec. +11.7

July 26, 1893

Plate 1460

V H Cl. Rum. No. Klinc Int.

7.0	16.0	a		R 2
9.5	17.2	F		K=H 2
10.7	8.2	F	3147	K=H 1
10.8	12.0	a		K=0.2H3
10.9	17.4	a		R 1
11.8	10.9	a		R 1
12.4	14.9	a		K=H 1
13.0	22.8	F		K=H 2
13.5	14.4	a		R 1
13.4	19.4	H		K=H 2
14.4	15.2	a		K=H 2
15.0	18.1	a		R 2
14.1	19.4	a		K=H 1
15.5	13.2	a		R 2
15.4	14.1	a		K=0.2H2
16.6	11.9	a		K=0.4H5
16.8	23.6	a		R 2
17.9	11.8	a		R 1
17.9	12.1	E		K=H 1
18.0	20.4	H		R 1
18.3	9.9	F	3148	K=H 2
19.2	7.3	a		K=H 2
19.2	11.1	a		K=H 2
20.4	7.3	a		R 2
20.2	7.7	F	3149	K=H 2
20.4	21.6	Orb-		K=1.3H 4
21.9	8.8	a		R 2
22.8	16.4	a		K=0.1H2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855.	Dec	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
17 19.3	+7.7	+7° 3368	17h 19.3m	+7°	44'	6.5
17 17.2	+9.0	+8 3405	17 17.0	+8	60	6.2
17 35.4	+9.5	+9 3451	17 35.5	+9	31	8.2
17 27.8	+9.7	+9 3423	17 27.7	+9	41	8.5
		+9 3424	17 27.7	+9	42	6.7
17 16.5	+9.6	+9 3381	17 16.5	+9	37	7.5
17 30.1	+10.1	+10 3251	17 30.1	+10	8	8.2
17 22.0	+10.6	+10 3216	17 22.0	+10	40	7.2
17 5.6	+10.8	+10 3165	17 5.6	+10	47	5.8
17 22.5	+11.0	+11 3187	17 22.4	+11	1	7.5
17 11.8	+11.0	+11 3156	17 11.8	+11	2	5.0
17 21.1	+11.5	+11 3183	17 21.1	+11	31	8.6
			3184	17 21.1	+11	31	7.0
17 15.2	+11.8	+11 3166	17 15.2	+11	50	7.2
17 12.5	+11.3	+11 3157	17 12.5	+11	20	7.3
17 25.5	+12.0	+12 3241	17 25.5	+12	3	6.7
17 23.6	+12.0	+12 3234	17 23.6	+12	3	6.5
17 28.2	+12.7	+12 3252	17 28.2	+12	40	2.0
17 4.0	+12.6	+12 3161	17 4.0	+12	39	7.0
17 28.5	+13.2	+13 3400	17 28.4	+13	14	7.7
17 27.8	+13.2	+13 3397	17 27.7	+13	16	6.5
17 10.5	+13.3	+13 3341	17 10.5	+13	17	7.2
17 32.4	+13.4	+13 3421	17 32.3	+13	25	6.5
17 37.7	+13.9	+13 3444	17 37.7	+13	52	7.2
17 30.0	+13.9	+13 3412	17 30.0	+13	55	6.7
17 37.8	+14.5	+14 3329	17 37.7	+14	29	6.0
17 36.8	+14.4	+14 3321	17 36.8	+14	22	6.0
17 8.1	+14.6	+14 3207	17 8.0	+14	34	var.
17 34.6	+15.3	+15 3246	17 34.6	+15	15	6.0
17 18.0	+15.8	+15 3179	17 18.0	+15	46	6.2

* BD +15° 3245 superposed on BD +15° 3246

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 26, 1893

Plate 1460

V H Cl Rüst Klinc Int.

23.5 8.5 F 3150 K=H2

24.2 12.5 H K=H1

24.6 12.1 a R 1

24.4 16.2 F 3157 K=H 1

24.2 16.7 a K=0.3H3

R.A. 18.0h Dec. +11.9

Plate 1456

4.0 18.3 F3 3152 R 2

4.5 18.6 a R 2

4.4 20.2 a R 2

3.8 22.1 F 3153 K=H2

5.8 9.3 H K=H2

7.4 6.0 F 3154 K=H1

8.6 15.0 F3 K=H3

8.1 17.0 a R 2

9.0 15.3 F 3155 K=H1

8.9 18.5 E K=H1

8.5 23.1 F 3156 K=H1

10.8 14.9 a R 2

10.2 15.0 a K=0.4H3

12.8 10.7 a R 1

13.1 6.8 a R 1

14.0 12.4 a R 1

13.7 17.8 a K=H1

13.2 19.9 a K=0.3H2

13.5 21.5 F 3157 K=H 2

14.9 9.2 a R 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1850	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
17h 35.4m	+16.0	+16° 3256	17h 35.5m	+16° 3′	5.1
17 27.0	+16.6	+16 3218	17 27.2	+16 27	5.0
17 25.0	+16.6	+16 3220	17 28.0	+16 37	6.8
17 19.0	+16.5	+16 3183	17 19.2	+16 32	6.5
17 18.0	+16.5	+16 3174	17 18.0	+16 28	5.5
17 53.8	+6.3	+6 3597	17 53.8	+6 16	7.0
17 53.1	+6.6	+6 3593	17 53.1	+6 34	7.5
17 50.0	+6.5	+6 3578	17 49.9	+6 30	6.8
17 46.2	+6.1	+6 3566	17 46.2	+6 8	5.9
18 12.0	+7.2	+7 3629	18 12.2	+7 12	5.8
18 18.7	+7.9	+7 3682	18 18.7	+7 57	5.8
18 0.4	+8.7	+8 3582	18 0.4	+8 43	5.0
17 56.4	+8.4	+8 3567	17 56.4	+8 25	7.0
17 59.9	+8.9	+8 3581	17 59.9	+8 52	7.8
17 53.2	+8.9	+8 3555	17 53.3	+8 52	7.0
17 44.0	+8.6	+8 3511	17 44.1	+8 35	7.0
18 1.0	+9.9	+9 3567	18 0.9	+9 50	7.1
18 0.5	+9.5	+9 3564	18 0.5	+9 33	3.3
18 9.6	+10.8	+10 3452	18 9.6	+10 47	8.0
18 17.4	+10.9	+10 3498	18 17.3	+10 53	7.3
18 6.2	+11.4	+11 3377	18 6.2	+11 25	7.7
17 54.8	+11.3	+11 3315	17 54.8	+11 18	7.5
17 50.6	+11.1	+11 3299	17 50.7	+11 5	6.5
17 47.4	+11.2	+11 3283	17 47.5	+11 11	6.5
18 12.8	+11.8	+11 3427	18 12.8	+11 49	7.3

*BD +10° 3453 Embraced in BD +10° 3452

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..002F

July 26, 1893

Plate 1455

v it Cl. Rum. Klinc Smt.

14.8	10.0	B	3158	R 2
14.8	12.2	a		R 2
15.0	15.8	a		K=0.5H2
15.5	9.4	B	3159	R 2
15.5	9.9	a		R 1
15.2	10.4	G	3160	K=H1
15.9	12.6	a		K=H1
16.2	9.3	a		K=H1
16.6	17.6	G	3161	K=H1
17.0	9.7	a		R 2
17.2	14.9	a		K=0.3H3
18.6	9.9	a		R 2
19.0	19.0	a		R 1
19.2	14.2	a		K=H1
19.6	14.5	a		K=0.5H2
20.1	19.4	a		R 1
20.5	7.4	a		R 2
21.0	6.1	a		R 3
21.2	18.1	G		K=H1

to mg.
0 58

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
18h 11.0m	+11.8°	+11° 3415	18h 11.1m	+11° 50'	7.1
18 6.7	+11.9	+11 3379	18 6.7	+11 51	6.9
17 59.0	+11.9	+12 3382	17 58.9	+12 1	7.6
		3388	17 57.0	+12 1	7.5
18 12.5	+12.1	+12 3467	18 12.4	+12 8	6.8
18 11.3	+12.1	+12 3456	18 11.3	+12 9	7.5
18 10.1	+12.0	+12 3446	18 10.2	+12 1	6.9
18 5.9	+12.4	+12 3422	18 5.9	+12 22	7.1
18 12.6	+12.5	+12 3469	18 12.5	+12 29	7.3
17 55.2	+12.8	+12 3362	17 55.3	+12 46	7.8
18 11.7	+12.9	+12 3461	18 11.7	+12 56	6.7
18 1.1	+13.0	+13 3529	18 1.1	+13 4	6.7
18 11.3	+13.7	+13 3593	18 11.4	+13 44	6.1
17 52.4	+13.9	+13			
18 2.5	+14.0	+14 3436	18 2.6	+14 0	7.9
18 2.0	14.2	+14 3427	18 2.0	+14 16	6.5
		34			
*17 51.7	+14.5	+14 3374	17 51.8	+14 32	6.5
18 16.7	+14.7	+14 3511	18 16.8	+14 38	6.3
18 19.3	+14.9	+14 3533	18 19.4	+14 54	6.5
17 54.4	+15.1	+15 3327	17 54.4	+15 7	6.5

*3D +14° 3375 substituted for BD +14° 3374

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

R.A. 2h 6 Dec. +9°.0

July 28, 1893

Plate 6332

0h 05m

V	H	Cl.	Rem.	Kline Int.
4.7	13.7	J		K=H 3
4.8	14.3	Ma		N 2
5.8	14.6	H		N 1
5.2	15.4	H		N 1
5.5	16.8	H		N 1
6.4	22.0	Of	3162	K=H 1
6.6	23.2	H		N 1
7.7	9.8	Of	3163	K=H 2
7.5	11.7	H		N 1
7.5	12.5	Of	3164	K=H 1
8.5	11.9	J		K=H 2
9.2	7.5	H		K=H 1
9.2	16.5	Of	3165	K=H 4
9.8	21.5	Ca		N 2
9.5	22.4	Of	3166	K=H 1
9.9	22.7	Ca		K=H 3
10.3	11.7	Ca		K=0.1H 3
10.2	15.8	Of	3167	K=H 1
11.8	14.1	Ca		N 3
11.5	14.4	Of	3168	K=H 2
11.7	15.1	Of	3169	K=H 2
11.1	16.1	gH		K=H 1
12.3	8.7	H		N 1
12.1	9.3	Of	3170	K=H 1
13.0	11.3	H		N 1
12.4	12.6	H		N 1
12.9	17.1	H		N 1
12.5	17.7	H		N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj..882F

R.A. 1855	Dec	BD. No.	R. A. 1855.		Dec. 1855.		Magn.
12 33.7	+13.8	+13° 4971	22h	33.7m	+13°	47'	5.8
12 34.9	+13.8	+13 4974	22	34.8	+13	46	6.2
12 35.5	+13.2	+13 4977	22	35.5	+13	17	8.0
12 37.3	+13.5	+13 4983	22	37.3	+13	32	7.5
12 40.2	+13.3	+13 4989	22	40.2	+13	24	7.0
12 50.8	+12.8	+12 4919	22	50.7	+12	51	7.8
12 53.4	+12.7	+12 4928	22	53.3	+12	41	7.7
12 25.5	+12.3	+12 4838	22	25.5	+12	18	7.0
12 29.5	+12.4	+12 4850	22	29.6	+12	25	7.2
22 31.1	+12.4	+12 4862	22	31.1	+12	24	8.2
22 30.0	+11.8	+11 4838	22	29.9	+11	50	6.8
22 21.0	+11.5	+11 4804	22	21.0	+11	31	7.5
22 39.4	+11.4	+11 4875	22	39.5	+11	26	4.8
22 49.5	+11.1	+11 4904	22	49.6	+11	4	6.9
22 57.2	+11.2	+11					
22 51.9	+10.9	+10 4859	22	51.9	+10	57	6.1
22 29.4	+10.9	+10 4781	22	29.4	+10	58	7.2
22 37.9	+10.9	+10 4811	22	38.0	+10	56	7.9
22 34.1	+10.0	+10 4797	22	34.3	+10	5	3.5
22 34.9	+10.3	+10 4800	22	34.9	+10	20	7.8
22 36.5	+10.2	+10 4805	22	36.5	+10	12	7.3
22 38.6	+10.4	+10 4815	22	38.7	+10	26	7.7
22 23.1	+9.9	+9 5055	22	23.2	+9	57	7.8
22 24.6	+10.0	+10 4769	22	24.6	+10	2	7.8
22 28.5	+9.6	+9 5068	22	28.4	+9	36	7.7
22 31.1	+9.9	+9 5075	22	31.2	+9	57	8.1
22 40.6	+9.6	+9 5104	22	40.5	+9	35	8.3
22 41.7	+9.8	+9 5109	22	41.7	+9	46	8.2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.1882F

July 28, 1893

Plate 6332.

V	H	Cl.	Rem.	K line Int	
12.5	18.0	Cu			K=0.8H 2
12.6	19.3	F	?	3171	K=H 2
13.0	19.5	F		3172	K=H 1
14.0	5.9	H			R 1
13.8	11.3	F		3173	K=H 3
13.8	22.4	F		3174	K=H 1
14.9	9.1	F		3175	K=H 2
14.8	10.5	F		3176	K=H 1
15.0	12.7	H			R 1
14.5	20.8	H			R 1
14.6	22.5	F		3177	K=H 2
15.9	7.1	F		3178	K=H 1
15.3	8.0	I			K=H 3
15.2	10.4	F		3179	K=H 1
15.7	20.8	Cu			R 4
15.8	22.6	F		3180	K=H 1
16.2	6.9	H			K=H 1
16.8	9.0	H			R 1
16.8	12.9	F		3181	K=H 1
17.8	6.7	F		3182	K=H 1
17.6	8.3	Cu			R 1
18.0	9.4	Cu			K=H 1
18.0	11.7	F		3183	K=H 1
17.4	14.8	H			R 1
18.0	17.1	F		3184	K=H 2
17.8	17.7	H			R 1
18.7	12.7	Cu			K=H 1
18.3	16.6	F		3185	K=H 2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj...882F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
22h 42.2m	+9.7	+9° 5111	22h 42.3m	+9° 44′	6.8
22 45.1	+9.7	+9 5123	22 45.1	+9 38	7.5
22 45.3	+9.4	+9 5125	22 45.3	+9 27	7.5
22 17.5	+9.0	+9 5040	22 17.5	+9 5	7.7
22 45.1	+9.0	+9 5122	22 45.1	+9 5	5.0
22 51.2	+9.0	+9 5140	22 51.2	+9 3	7.7
22 23.9	+8.6	+8 4880	22 23.9	+8 34	7.7
22 26.9	+8.7	+8 4892	22 26.9	+8 41	8.0
22 31.1	+8.5	+8 4906	22 31.2	+8 30	7.3
22 47.8	+8.7	+8 4960	22 47.9	+8 42	8.0
22 51.1	+8.6	+8 4973	22 51.2	+8 35	6.8
22 20.0	+8.2	+8 4870	22 20.0	+8 11	7.8
22 21.9	+8.4	+8 4874	22 21.9	+8 23	5.8
22 26.7	+8.4	+8 4890	22 26.7	+8 27	8.0
22 47.9	+8.0	+8 4961	22 48.0	+8 3	4.7
22 51.2	+8.0	+8 4974	22 51.3	+8 1	8.4
22 17.6	+8.0	+8 4863	22 17.6	+8 1	7.9
22 23.7	+7.7	+7 4883	22 23.7	+7 41	7.9
22 31.5	+7.7	+7 4904	22 31.6	+7 37	8.3
22 19.1	+7.1	+7 4873	22 19.1	+7 10	8.0
22 22.2	+7.2	+7 4880	22 22.3	+7 16	8.2
22 24.6	+7.0	+7 4886	22 24.5	+7 3	7.9
22 29.6	+7.0	+7 4898	22 29.6	+7 2	7.6
22 34.8	+7.3	+7 4913	22 34.9	+7 19	7.8
22 40.2	+6.9	+6 5064	22 40.2	+6 57	7.6
22 41.4	+7.1	+7 4931	22 41.4	+7 5	7.8
22 31.0	+6.7	+6 5043	22 31.1	+6 42	8.2
22 39.1	+6.8	+6 5060	22 39.2	+6 50	7.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 28. 1893

Plate 6332

V H Cl. Rem. Nr. Kline Smt.

16.1 19.6 Cf 3186 K=H 1
18.8 20.7 H Nr 1
18.6 20.9 a K=H1
18.7 22.5 a Nr 2
18.6 23.3 H Nr 1
18.6 23.4 a Nr 1
20.0 15.4 a Cf 3187 K=H 1
19.8 21.6 Cf 3188 K=H1
20.5 11.7 H Nr 1
21.7 17.2 Cf 3189 K=H1
23.1 14.7 a K=H1
24.2 X7.5 J K=H3
24.5 13.0 a Nr 2
24.3 13.8 H Nr 1
23.5 15.0 H Nr 1

R.A. 23h.3 Dec. +8°.4

Plate 6481

4.7 7.1 Cf 3190 K=H2
4.6 14.1 Cf 3191 K=H1
4.4 19.5 a Nr 1
6.0 6.3 a K=H1
7.1 12.8 a Nr 1
7.8 16.4 K K=1.2H 4
8.0 19.3 a K=0.5H2
7.9 22.5 a Nr 1
8.1 6.0 Cf 3192 K=H1
8.5 9.7 a K=H1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1850	Dec	BD. No.	R.A. 1855.		Dec. 1855.		Magn.
22 45.3	+6.9	+6° 5078	22h	45.3m	+6°	54′	7.9
22 47.4	+6.4	+6 5083	22	47.5	+6	30	7.8
22 48.0	+6.7	+6 5085	22	47.9	+6	41	8.7
22 51.4	+6.5	+6 5092	22	51.4	+6	34	7.3
22 52.6	+6.5	+6 5095	22	52.5	+6	35	8.5
22 52.9	+6.6	+6 5096	22	52.8	+6	37	8.5
22 36.8	+5.9	+5 5065	22	36.8	+5	59	7.5
22 49.2	+6.0	+6 5088	22	49.2	+6	2	7.6
22 29.1	+5.8	+5 5042	22	29.2	+5	45	7.7
22 40.2	+5.1	+5 5077	22	40.2	+5	8	7.8
22 35.0	+4.4	+4 4894	22	35.0	+4	24	7.5
22 20.5	+3.9	+3 4710	22	20.6	+3	59	4.8
22 31.4	+3.8	+3 4745	22	31.5	+3	47	6.5
22 33.1	+3.8	+3 4751	22	33.1	+3	49	6.6
22 35.4	+4.2	+4 4896	22	35.6	+4	12	7.0
23 2.7	+13.7	+13 5059	23	2.7	+13	39	7.7
23 17.1	+13.7	+13 5105	23	17.1	+13	41	8.0
23 28.3	+13.8	+13 5140	23	28.3	+13	48	7.6
23 1.2	+12.9	+12 4940	23	1.2	+12	56	8.4
23 14.3	+12.9	+12 4974	23	14.4	+12	24	8.7
23 21.8	+11.9	+11 5009	23	21.8	+11	57	4.8
23 27.8	+11.9	+11 5026	23	27.9	+11	52	7.7
23 34.6	+11.9	+11 5044	23	34.7	+11	56	8.4
23 0.7	+11.9	+11 4940	23	0.6	+11	57	7.8
23 8.0	+11.7	+11 4966	23	8.0	+11	39	7.7

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 28. 1893

Plate 6481

V. H Cl. Rem Klumpke Int.

8.7	13.5	K	K=H 3
8.6	18.9	H	R 1
8.3	19.1	C	K=H 1
8.9	21.1	a	K=H 2
9.2	11.2	F 3193	K=H 1
11.4	6.4	F 3194	K=H 1
11.6	7.3	H	R 1
11.4	8.3	H	K=H 1
11.1	8.6	K	K=H 3
11.5	17.4	H	R 1
11.3	18.0	a	K=H 2
11.3	19.3	H	K=H 2
11.2	20.2	a	K=H 2
12.6	17.1	H	R 1
12.5	22.0	F 3195	K=H 1
12.5	23.4	K	K=H 3
12.9	24.4	a	R 1
13.6	7.0	a	R 4
14.0	12.4	F 3196	K=H 1
13.8	17.5	H	R 1
13.8	21.7	a	R 3
13.5	23.1	H	R 1
14.4	5.5	K	K=H 3
14.3	10.9	H	K=H 1
14.4	11.4	F 3197	K=H 1
14.4	16.0	F 3198	K=H 2
14.3	17.2	G 3199	K=H 1
15.8	6.8	ma	K=H 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec. 1855	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
23 15.9	+11.5	+11° 4993	23 15.8	+11° 31	5.3
23 27.0	+11.6	+11 5020	23 27.0	+11 33	8.2
23 27.4	+11.7	+11 5022	23 27.4	+11 44	8.6
23 31.5	+11.4	+11 5038	23 31.6	+11 24	7.8
23 11.0	+11.3	+11 4977	23 11.1	+11 20	8.7
23 1.6	+10.1	+10 4887	23 1.5	+10 10	7.0
23 3.1	+10.0	+10 4894	23 3.2	+10 2	7.7
23 5.3	+10.1	+10 4899	23 5.3	+10 10	8.1
23 6.2	+10.3	+10 4902	23 6.2	+10 17	6.2
23 24.0	+10.1	+10 4945	23 24.0	+10 6	8.4
23 25.2	+10.2	+10 4949	23 25.2	+10 11	8.0
23 27.9	+10.1	+10 4958	23 27.9	+10 9	7.5
23 29.6	+10.2	+10 4963	23 29.6	+10 12	7.8
23 23.3	+9.5	+9 5226	23 23.4	+9 33	8.3
23 33.1	+9.6	+9 5258	23 33.2	+9 35	8.1
23 36.0	+9.5	+9 5268	23 36.0	+9 31	5.0
23 38.0	+9.4	+9 5277	23 38.0	+9 23	6.5
23 2.8	+9.0	+9 5170	23 2.7	+9 3	5.5
23 13.6	+8.9	+8 5048	23 13.7	+8 51	8.6
23 24.0	+8.9	+8 5072	23 24.0	+8 37	7.9
23 32.6	+8.9	+8 5095	23 32.5	+8 52	6.0
23 35.5	+9.0				
22 59.8	+8.6	+8 4997	22 59.7	+8 37	5.2
23 10.6	+8.7	+8 5039	23 10.6	+8 43	8.2
23 11.4	+8.6	+8 5041	23 11.6	+8 38	8.6
23 21.2	+8.6	+8 5066	23 21.2	+8 38	7.8
23 23.4	+8.7	+8 5071	23 23.6	+8 41	8.2
23 2.3	+7.9	+7 4981	23 2.2	+7 54	5.3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 25, 1893

Plate 6481

VH bl. Rem. Nr. Kline Int.

15.8	7.9	a		K=0.2H4
15.2	8.2	F	3200	K=H1
15.3	x8.5	ia		N2
15.4	15.0	H		N1
15.9	15.1	F5	G3201	K=H1
16.0	15.8	H		N1
15.8	18.9	F	3202	K=H1
17.0	9.0	F	3203	K=H1
16.8	11.5	F	3204	K=H1
17.0	15.5	J		K=H2
16.1	19.5	J		K=H2
16.4	19.6	F	3205	K=H2
16.5	22.2	F	3206	K=H1
18.0	10.2	H		N1
17.6	11.1	F	3207	K=H1
17.2	11.8	J		K=H2
18.0	12.9	H		N1
18.0	20.5	F	3208	K=H1
17.5	22.0	H		N1
17.3	22.2	H		N1
18.5	5.0	a		N3
18.8	11.6	J		K=H2
18.3	13.2	H		N1
18.5	16.2	F	3209	K=H1
19.0	17.9	F	3210	K=H2
15.6	22.4	a		N3
18.8	24.2	H		N1
19.5	12.1	F	3211	K=H1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R. a. 1855	Dec.	BD. No.	R. A. 1855.		Dec. 1855.		Magn.
23h 4.3m	+7°.9	+7°	4991	23h	4.7m	+7° 56'	6.0
23 5.0	+8.2	+8	5018	23	5.1	+8 15	8.5
23 5.8	+8.2	+8	5020	23	5.8	+8 10	7.7
23 18.1 5.8	+7.9 8.1	+8	5058	23	18.8	+8 8	7.3
23 19.1	+7.9	+7	5030	23	19.1	+7 52	7.1
23 20.8	+7.8	+7	5033	23	20.7	+7 50	7.9
23 27.0	+7.9	+7	5055	23	26.9	+7 55	8.5
23 6.8	+7.3	+7	4996	23	6.7	+7 21	8.7
23 11.8	+7.4	+7	5007	23	11.8	+7 27	8.8
23 20.0	+7.2	+7	5032	23	20.0	+7 16	7.7
23 28.1	+7.7	+7	5059	23	28.1	+7 43	6.5
23 28.3	+7.6	+7	5060	23	28.2	+7 35	7.2
23 33.5	+7.5	+7	5075	23	33.4	+7 32	8.3
23 9.3	+6.8	+6	5137	23	9.2	+6 48	8.1
23 10.9	+7.0	+7	5004	23	11.0	+7 3	8.1
23 12.6	+7.2	+7	5009	23	12.5	+7 12	7.3
23 14.5	+6.8	+6	5147	23	14.6	+6 50	8.3
23 [illegible]	+6.8	+6					
23 33.2	+7.0						
23 33.4	+7.1						
23 2.7	+6.5	+6	5124	23	2.8	+6 35	7.5
23 11.9	+6.4	+6	5141	23	12.0	+6 26	7.7
23 15.1	+6.7	+6	5148	23	15.2	+6 43	8.3
23 21.5	+6.6	+6	5160	23	21.3	+6 34	8.6
23 24.8	+6.3	+6	5168	23	24.8	+6 18	6.5
23 34.6	+6.4	+6	5183	23	34.6	+6 27	6.5
23 37.5	+6.3	+6	5197	23	37.4	+6 24	7.4
23 13.0	+6.0	+6	5143	23.	13.0	+6 4	7.8

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 28, 1893

Plate 6481

v	H	Cl.	Rem.	Klumpke
19.5	19.9	H		N 1
19.1	21.5	a		N 1
20.9	9.7	H		N 1
20.8	14.1	a		N 3
20.3	15.8	K		K=H 4
21.0	16.0	of	3212	K=H 2
21.0	16.6	of	3213	K=H 1
20.4	17.0	a		N 1
20.8	21.4	a		K=H 1
20.6	22.4	of	3214	K=H 1
21.7	15.7	of	3215	K=H 1
21.8	21.8	of	3216	K=H 4
23.0	7.6	Sab		N 1
22.4	11.4	H		N 1
22.3	12.1	K		K=H 3
22.7	13.6	H		N 1
22.7	17.2	a		K=0.5H 2
22.2	19.0	of	3217	K=H 2
23.9	6.2	a		N 1
23.3	9.0	a		N 2
23.3	14.0	a		K=H 1
23.2	17.0	H		N 1

R.A. 1.3 Dec. +21.8

Plate 2906

6.0	9.5	a	K=0.5H 3
4.3	13.0	H	K=H 1
4.6	15.6	H	N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1993phae.proj.:002F

R.A.	Dec.	BD. No.	R.A. 1855.	Dec. 1855.		Magn.
23 28.9	+6.0	+6 5174	23 28.9	+6	4	7.8
23 32.0	+6.3	+6 5180	23 32.0	+6	16	8.4
23 8.1	+5.4	+5 5150	23 8.1	+5	24	7.5
23 15.0	+5.4	+5 ~~5173~~	~~23 23.0~~			
23 20.6	+5.6	+5 5173	23 20.6	+5	38	7.8
23 21.0	+5.2	+5 5175	23 20.9	+5	17	8.2
23 22.2	+5.3	+5 5178	23 22.2	+5	17	8.3
23 23.0	+5.6	+5 5183	23 23.0	+5	38	7.8
23 31.7	+5.4	+5 5204	23 31.8	+5	24	7.9
23 33.8	+5.4	+5 5209	23 33.8	+5	28	8.5
23 20.5	+4.9	+4 5013	23 20.4	+4	56	8.9
23 32.6	+4.8	+4 5035	23 32.5	+4	51	4.2
23 3.9	+4.2	+4 4975	23 3.9	+4	13	7.1
23 11.4	+4.7	+4 4994	23 11.5	+4	37	8.5
23 13.0	+4.6	+4 4997	23 13.0	+4	35	5.5
23 16.0	+4.4	+4 5003	23 16.0	+4	28	8.3
23 23.2	+4.4	+4 5019	23 23.3	+4	26	7.5
23 27.0	+4.7	+4 5029	23 27.0	+4	40	8.0
23 1.3	+3.9	+3 4828	23 1.2	+3	54	8.1
23 6.6	+4.2	+4 4985	23 6.6	+4	12	7.0
23 16.8	+4.1	+4 5004	23 16.7	+4	8	8.3
23 22.9	+4.2	+4 5016	23 22.8	+4	13	7.0
1 28.1	+16.7	+16 176	1 28.1	+16	42	6.5
1 20.6	+16.3	+16 154	1 20.6	+16	20	7.2
1 15.0	+16.4	+16 141	1 15.0	+16	27	8.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 28. 1893

Plate 2906

V 44 Cl. Rjnr. Kline Int.

5.7	15.1	F	3218	K=H 1
5.0	10.0	J		N 2
6.8	12.4	a		K=0.3H3
5.5	6.8	a		N 1
7.3	15.9	F	3219	K=H 1
9.0	17.2	a		K=H 1
8.4	13.9	K		K=H 3
8.3	14.1	F	3220	K=H 3
10.0	14.1	J	05N	K=H 2
9.2	21.8	G		K=H 3
10.7	6.5	J		K=H3
10.4	10.2	J		K=H2
10.6	14.6	a		N 1
10.8	15.4	H		N 2
10.9	18.9	H		N 1
10.7	19.1	a		N 2
10.3	23.1	H		N 1
12.0	18.4	F	3221	K=H2
11.9	21.0	K		K=1.5H3
11.4	22.7	a		K=0.1H3
12.8	8.4	H		N 1
12.6	8.8	a		N 1
12.8	23.7	a		N 4
13.9	8.3	a		N 1
13.4	12.9	H		N 1
14.0	15.9	F	3222	K=H1
13.9	22.5	H		N 1
15.0	9.0	H		N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.:892F

			BD. No.	R. A. 1855. h m	Dec. 1855. ° ′	Magn.
1	16.1	+17.1	+17° 200	1 16.1	+17 3	7.2
1	26.9	+17.8	+17 224	1 27.0	+17 43	6.3
1	22.0	+17.6	+17 210	1 22.1	+17 37	6.3
1	33.8	+17.9	+17 247	1 33.7	+17 55	8.2
1	14.4	+17.9	+17 197	1 14.4	+17 56	7.9
1	33.0	+18.7	+18 221	1 33.0	+18 39	8.2
1	18.9	+18.5	+18 189	1 18.9	+18 29	5.5
1	18.5	+18.4	+18 187	1 18.5	+18 25	5.3
1	18.5	+19.3	+19 238	1 18.6	+19 19	6.7
1	2.1	+18.9	+18 153	1 2.1	+18 53	5.8
1	34.8	+19.6	+19 279	1 34.6	+19 34	5.3
1	26.9	+19.5	+19 263	1 27.0	+19 26	8.0
1	17.6	+19.6	+19 234	1 17.5	+19 36	7.7
1	15.6	+19.8	+19 226	1 15.6	+19 43	6.2
1	8.0	+19.8	+19 213	1 8.1	+19 45	7.1
1	7.8	+19.7	+19 212	1 7.7	+19 39	6.8
0	59.4	+19.3	+19 180	0 59.4	+19 22	6.5
1	9.0	+20.3	+20 186	1 9.0	+20 19	7.0
1	3.6	+20.2	+20 172	1 3.7	+20 16	4.7
1	0.2	+19.9	+19 185	1 0.2	+19 58	5.7
1	30.8	+20.7	+20 264	1 30.7	+20 40	6.5
1	30.1	+20.5	+20 261	1 30.0	+20 32	8.0
0	57.9	+20.7	+20 156	0 58.0	+20 42	5.0
			+20 157	0 58.0	+20 42	6.0
1	31.0	+21.2	+21 224	31.0	+21 12	7.4
1	21.2	+20.9	+20 226	1 21.1	+20 59	7.8
1	14.5	+21.3	+21 182	1 14.6	+21 20	7.3
1	0.4	+21.2	+21 150	1 0.4	+21 11	7.5
1	29.6	+21.8	+21 218	1 29.6	+21 50	8.8

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 28, 1893

Plate 2906

V H Cl. Rem. Klme Smt.

14.6	16.5	H		R 1
15.5	12.7	a		K=0.2H3
15.3	20.9	a		K=H1
15.7	21.9	a		K=H1
16.1	7.4	H		R 1
17.0	10.9	H		R 1
16.8	14.6	f	3223	K=H3
16.9	18.7	a		K=0.2H3
16.3	20.5	a		K=H1
17.9	11.0	H		R1
17.3	12.7	H		R1
17.4	21.8	a		K=1H2
18.9	19.9	K		K=1.3H4
20.3	7.3	H		R1
20.3	12.9	Dra		R1
20.7	21.5	K		K=1H2
21.5	7.6	f	3224	K=1H2
21.6	12.4	f	3225	K=1H1
24.3	14.2	H		R1
1 00	24.2	17.3	a	K=0.3H4

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855.	Dec.	BD. No.	R. A. 1855.	Dec. 1855.	Magn.
1	13.4 +21.6	+21 178	1	13.4	+21 36	7.0
1	21.8 +22.1	+22 236	1	21.8	+22 4	6.5
1	3.9 +21.9	+21 161	1	3.9	+21 57	7.5
1	1.8 +22.2	+22 182	1	1.6	+22 9	7.5
1	33.1 +22.3	+22 257	1	33.2	+22 18	7.0
1	25.4 +22.8	+22 246	1	25.6	+22 51	7.4
1	17.6 +22.8	+22 226	1	17.7	+22 46	6.5
*1	8.6 +22.8	+22 204	1	8.6	+22 48	7.0
1	4.7 +22.5	+22 192	1	4.6	+22 29	7.5
1	25.3 +23.3	+23 204	1	25.4	+23 13	7.3
1	22.0 +22.9	+22 238	1	21.9	+22 56	7.5
1	1.9 +23.0	+23 150	1	1.9	+23 2	6.8
1	6.0 +23.5	+23 158	1	5.9	+23 48	4.6
1	29.5 +24.4	+24 239	1	29.5	+24 26	7.3
1	21.5 +24.5	+24 222	1	21.4	+24 32	6.5
1	2.6 +24.7	+24 186	1	2.5	+24 42	6.0
1	33.2 +25.0	+25 276	1	33.2	+25 0	6.0
1	22.8 +25.1	+25 258	1	22.7	+25 9	7.0
1	18.8 +26.5	+26 239	1	18.7	+26 29	6.8
1	11.6 +26.5	+26 220	1	11.5	+26 30	4.7

*BD +22° 167 substituted for BD +22° 204

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 3h 6m Dec. +22° 30'

July 28 1893

Plate 337

23 40 H Cl. Rem. Kline Smt.

4.9	7.2	F	3226	K=H 2
7.4	15.3	G		K=H 1
7.4	16.0	a		N 3
5.8	23.3	a		N 1
9.2	7.5	a		K=H 1
9.9	15.0	a		N 3
9.8	17.6	a		K=0.1H2
7.7	19.8	a		N 1
9.3	22.4	a		N 1
9.1	22.8	a		N 1
10.8	9.2	H		K=H 1
10.7	13.4	a		K=H 1
10.5	14.6	a		N 1
10.8	17.0	a		K=0.5H 1
12.0	10.7	a		N 2
12.0	11.8	E		K=H 1
11.7	17.5	a		N 2
12.4	6.5	F	3227	K=H 1
12.5	5.6	G		K=H 3
13.0	9.5	a		K=H 3
12.5	12.7	a		N 3
13.5	11.7	E		K=H 1
13.3	12.6	F	3228	K=H 1
13.1	12.8	a		N 2
13.3	13.0	a		N 1
13.7	13.1	a		N 1
13.7	14.8	a		N 1
13.4	14.6	a		N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
3h 52.5m	+17.8	+17° 666	3h 52.5m	+17° 47	6.0
3 35.4	+19.2	+19 582	3 35.4	+19 12	6.0
3 34.0	+19.2	+19 578	3 34.0	+19 14	5.5
3 18.8	+18.2	+18 484	3 18.8	+18 15	6.5
3 52.3	+20.0	+20 684	3 52.2	+20 0	8.4
3 36.0	+20.5	+20 621	3 36.1	+20 28	6.2
3 30.5	+20.5	+20 602	3 30.6	+20 26	6.0
3 26.8	+19.3	+19 534	3 26.1	+19 18	8.2
3 20.5	+20.1	+20 573	3 20.4	+20 7	7.2
3 19.6	+19.9	+19 537	3 19.7	+19 57	7.0
3 48.7	+20.9	+20 669	3 48.7	+20 54	7.5
3 39.8	+20.9	+20 637	3 39.7	+20 54	8.2
3 37.0	+20.8	+20 624	3 37.1	+20 47	8.0
3 31.9	+20.9	+20 607	3 31.9	+20 56	7.0
3 45.5	+21.5	+21 550	3 45.5	+21 30	7.5
3 43.1	+21.6	+21 539	3 43.1	+21 36	7.2
3 30.8	+21.3	+21 492	3 30.8	+21 23	7.2
3 56.8	+21.6	+21 587	3 56.8	+21 36	6.5
3 56.1	+21.7	+21 585	3 56.1	+21 40	5.0
3 48.2	+22.1	+22 605	3 48.3	+22 3+	6.0
3 41.5	+21.8	+21 535	3 41.4	+21 48	6.5
3 43.6	+22.2	+22 583	3 43.5	+22 15	7.7
3 41.6	+22.2	+22 575	3 41.5	+22 10	7.8
3 41.1	+22.1	+22 572	3 41.1	+22 6	7.3
3 40.7	+22.2	+22 569	3 40.6	+22 10	7.8
3 40.4	+22.4	+22 586	3 40.4	+22 21	7.5
3 38.8	+22.5	+22 556	3 38.8	+22 29	8.5
3 37.1	+22.2	+22 544	3 37.2	+22 15	8.0

*BD +21° 586 interchanged BD +21° 587

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 28. 1893

Plate 337

V	H	Ch.	Rem.	Nr.	Kline Int.
13.5	16.2	F	3229		K=H1
13.6	17.4	a			N 1
13.2	17.8	a			N 3
13.6	22.5	E			K=H1
14.6	7.6	a			N 2
14.5	9.4	a			N 3
14.5	9.7	a			N 1
14.5	10.5	a			N 1
14.4	12.8	a			N 1
14.8	13.4	a			N 3
14.2	14.6	a			N 2
14.3	18.6	a			N 2
14.6	22.2	a			N 2
15.9	12.3	a			K=0.1H2
15.9	12.9	a			K=0.1H2
15.4	12.8	a			N 3
16.0	13.1	a			N 5
15.6	13.2	F	3230		K=H2
16.0	13.8	a			N 5
15.3	13.8	a			N 1
15.6	13.9	a			N 2
15.5	13.9	F	(?) 3231		K=H1
16.0	13.9	a			N 3
16.9	14.0	a			N 1
15.2	14.3	a			N 1
15.9	14.3	a			N 5
16.0	14.6	a			N 1
16.0	14.8	a			N 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855	Dec. 1855	Magn.
3h 33.7m	+22.8	+22° 532	3h	33.7m	+22° 20' 7.5
3 31.0	+22.4	+22 526	3	31.1	+22 22 7.8
3 30.2	+22.2	+22 523	3	30.2	+22 11 6.8
3 19.9	+22.3	+22 495	3	20.0	+22 19 6.0
3 52.3	+22.8	+22 617	3	52.4	+22 49 7.5
3 48.5	+22.7	+22 607	3	48.5	+22 46 7.0
3 47.9	+22.7	+22 601	3	47.9	+22 45 8.3
3 46.1	+22.8	+22 594	3	46.2	+22 46 8.5
3 41.2	+22.6	+22 573	3	41.1	+22 54 8.4
3 39.6	+22.9	+22 563	3	39.8	+22 59 6.9
3 37.2	+22.7	+22 545	3	37.3	+22 42 8.0
3 28.5	+22.7	+22 518	3	28.4	+22 45 7.0
~~3 42.3 +23.5~~					
3 42.3	+23.5	+23 570	3	42.3	+23 31 7.3
3 41.5	+23.4	+23 569	3	41.4	+23 24 7.5
3 41.2	+23.3	+23 563	3	41.1	+23 16 7.2
3 40.6	+23.6	+23 557	3	40.6	+23 36 4.0
3 40.3	+23.4	+23 556	3	40.3	+23 25 7.0
3 39.0	+23.6	+23 541	3	38.9	+23 39 8.2
3 38.9	+23.2	+23 539	3	38.9	+23 15 8.0
3 38.8	+23.4	+23 537	3	38.8	+23 21 7.5
		538	3	38.8	+23 28 7.5
3 38.7	+23.3	+23 535	3	38.7	+23 16 7.9
3 38.5	+23.6	+23 531	3	38.7	+23 40 8.5
		534	3	38.7	+23 41 8.0
		536	3	38.8	+23 39 8.0
3 38.5	+23.5	+23 528	3	38.5	+23 33 8.5
3 38.0	+23.1	+23 524	3	38.0	+23 10 8.4
3 37.8	+23.5	+23 522	3	37.7	+23 29 4.5
3 37.4	+23.6	+23 517	3	37.2	+23 35 8.2
3 37.0	+23.5	+23 510	3	36.8	+23 35 8.2

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 28, 1893

Plate 337

v H Cl. Rem. Kline Int

16.0	15.0	a	N 5	3
15.2	15.5	a	N 1	3
16.5	6.1	F 3222	K=H2	3
16.3	8.9	a	N 2	3
17.0	9.4	F	K=H2	3
16.9	12.5	a	K=0.8H2	3
16.6	12.7	a	K=0.2H2	3
16.5	13.0	a	N 1	3
16.7	13.0	a	N 2	3
16.9	13.1	a	N 1	3
16.3	13.1	a (2) 3223	N 3	3
16.7	13.4	a	K=0.2H2	3
16.7	13.8	a	N 2	3
17.0	14.1	a	K=0.H2	3
16.5	14.4	a	N 1	3
16.4	14.5	a	N 1	3
17.0	14.6	a	N 2	3
17.0	14.6	a	N 2	3
16.4	14.7	a	N 5	3
16.6	14.8	a	N 2	3
16.8	15.0	a	N 4	3
16.4	15.1	a	N 3	3
16.7	15.2	a	N 1	3
17.0	15.4	a	N 1	3
16.7	15.5	a	N 1	3
16.8	19.8	a	N 3	3
16.4	20.0	a	N 1	3
17.9	13.6	H	N 1	3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855 h m	Dec. °	BD.	Nos.	R.A. 1855	Dec. 1855		Magn.
3 36.2	+23.7	+23	507	3	36.3	+23 39	4.7
3 35.2	+23.2	+23	496	3	35.1	+23 12	8.4
3 55.8	+23.7	+23	609	3	55.7	+23 43	6.0
3 49.8	+23.7	+23	594	3	49.7	+23 40	7.3
3 48.8	+24.0	+24	599	3	48.8	+24 4	6.8
3 42.0	+24.0	+24	578	3	41.8	+24 3	7.7
3 41.2	+23.9	+23	567	3	41.3	+23 54	7.9
3 41.0	+23.8	+23	565				
3 41.0	+23.9	+23	562 564				
3 40.6	+23.6						
3 40.6	+23.6	+23	557	3	40.6	+23 36	4.0
3 39.9	+23.9	+23	553	3	39.9	+23 54	7.8
3 38.8	+23.8	+23	540	3	38.9	+23 51	7.0
3 38.4	+24.1	+24	562	3	38.4	+24 4	7.5
3 37.9	+23.8	+23	523	3	37.8	+23 48	8.0
3 37.8	+23.7						
3 36.3	+24.1						
3 36.2	+24.1						
3 37.2	+23.9	+23	576	3	37.2	+23 55	4.8
3 37.1	+23.9	+23	512	3	37.0	+23 53	8.1
3 36.6	+24.0	+24	547	3	36.6	+24 1	5.0
3 36.1	+23.9	+23	505	3	36.2	+23 50	6.5
3 35.8	+23.9	+23	504	3	35.8	+23 56	8.7
3 34.4	+24.1						
3 35.0	+23.9	+23	495	3	35.1	+23 55	8.3
3 25.9	+23.9	+23	473	3	25.9	+23 59	6.2
3 25.2	+23.7	+23	470	3	25.3	+23 45	7.8
3 39.4	+24.5	+24	571	3	39.5	+24 32	7.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.882F

July 28, 1893

Plate 337

v H Cl. Rem. Klinc Int.

17.1 13.9 a N 1
17.5 15.0 a N 3
18.0 15.6 a K=0.5H1
17.9 16.7 H N 1
17.3 17.7 a N 2
18.3 11.8 F 3234 K=H 2
18.3 12.1 a N 2
18.7 13.8 a N 1
18.8 14.6 a N 1
18.5 16.9 a K=0.2H3
19.4 11.2 a N 2
20.0 12.0 a N 1
19.1 12.7 a K=0.3H3
19.7 13.4 a N 1
19.3 15.8 F 3235 K=H 2
19.9 18.5 F 3236 K=H1
20.1 7.1 a K=H1
20.5 11.9 F 3237 K=H1
22.6 8.8 a N 2
22.9 22.2 a N 3
23.4 21.3 a N 2
23.6 5.5 a N 2

R.A. 4h 0 Dec. +21.°8

Plate 2138

3.9 5.8 J K=H 2
4.6 8.2 a N 3
4.2 14.2 a K=H1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
3h 38.9m	+24.1°	+24° 566	3h 38.8m	+24° 8′	8.0
3 36.5	+24.4	+24 546	3 36.5	+24 23	6.3
3 35.1	+24.6	+24 537	3 35.1	+24 36	7.3
3 32.8	+24.5	+24 533	3 32.7	+24 32	8.2
3 30.5	+24.2	+24 527	3 30.5	+24 14	7.7
3 43.6	+24.7	+24 577	3 43.5	+24 45	7.5
3 42.8	+24.7	+24 583	3 42.7	+24 44	7.7
3 39.1	+24.9	+24 568	3 39.1	+24 56	8.4
3 37.1	+24.9				
3 32.1	+24.9	+24 529	3 32.1	+24 51	6.7
* 3 44.9	+25.2	+25 641	3 44.8	+25 15	6.6
3 43.1	+25.5				
3 41.6	+25.1	+25 624	3 41.6	+25 9	6.0
3 39.9	+25.4	+25 620	3 41.0	+25 21	8.5
3 34.4	+25.2	+25 593	3 34.4	+25 12	7.0
3 28.5	+25.5	+25 580	3 28.5	+25 31	8.0
3 54.0	+25.5	+25 664	3 53.9	+25 31	8.1
3 43.4	+25.8	+25 632	3 43.4	+25 48	8.1
		+25 633	3 43.5	+25 48	9.1
3 50.3	+26.8	+26 655	3 50.3	+26 47	6.8
3 22.8	+27.1	+27 575	3 22.6	+27 4	5.7
3 22.4	+27.2	+27 573	3 22.2	+27 13	8.0
		+27 574	3 22.3	+27 13	8.0
3 57.7	+27.2	+27 633	3 57.7	+27 14	5.1
4 21.0	+16.0				
4 15.0	+16.4				
4 2.9	+16.2				

* BD. +25° 640 omitted in BD + 25° 641

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 28. 1893

Plate 2138

V H Cl Rim. No. Kline Int.

6.2	7.8	F	3238	K=H	1
5.9	8.0	a		K=0.2H	4
6.0	8.6	K		K=1.5H	4
5.4	13.5	K		K=1H	1
5.4	15.2	a		K=1H	1
5.4	15.6	it		K=1H	1
5.3	19.1	a		R	2
6.4	22.9	F	3239	K=1H	2
6.9	7.4	a		R	4
7.0	19.0	F	3240	K=H	2
7.5	6.9	a		R	2
7.7	9.3	F	3241	K=H	1
7.5	9.4	a		R	1
7.6	14.4	F	3242	K=H	2
9.0	7.9	F	3243	K=1H	2
8.8	7.8	a		K=H	1
8.4	9.9	F	3244	K=H	2
9.3	6.0	K		K=1.5H	4
9.3	10.0	F	3245	K=H	1
9.9	13.5	a		K=H	1
9.8	15.2	g		K=H	3
9.0	16.3	F	3246	K=H	1
10.7	6.8	F	3247	K=H	1
10.6	10.4	F	3248	K=H	1
10.1	11.5	F	3249	K=H	1
10.2	15.5	a		K=H	1
10.4	18.5	F	3250	K=H	1
10.9	18.9	a		K=H	1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1850.0	Dec.	BD. No.	R.A. 1855.	Dec. 1855	Magn.
4h 16.0m	+16° 8	+16 591	4 16.0	+16 44	8.0
4 15.8	+17.1	+17 714	4 15.7	+17 7	4.8
4 14.6	+17.2	+17 712	4 14.6	+17 12	3.7
4 4.2	+16.9	+16 569	4 4.2	+16 55	6.0
4 0.5	+16.9	+16 561	4 0.5	+16 54	8.0
3 59.7	+16.9	+16 560	4[3] 59.7	+16 57	5.6
3 52.4	+16.9	+16 544	3 52.3	+16 52	6.5
3 44.9	+16.9	+16 523	3 44.9	+16 54	6.1
4 17.2	+17.6	+17 719	4 17.1	+17 36	4.7
3 52.5	+17.8	+17 666	B 52.5	+17 47	6.0
4 18.7	+17.9	+17 724	4 18.7	+17 52	6.9
4 13.1	+18.0	+18 629	4 13.1	+18 4	7.0
4 13.0	+17.9	+17 709	4 13.0	+17 55	8.0
4 2.3	+18.0	+18 594	4 2.3	+18 3	6.5
4 16.6	+18.7	+18 633	4 16.5	+18 42	6.5
4 16.2	+18.6	+18 632	4 16.3	+18 33	7.5
4 11.9	+18.4	+18 624	4 12.0	+18 22	6.0
4 20.1	+18.9	+18 640	4 20.1	+18 52	3.7
4 11.7	+18.9	+18 623	4 11.8	+18 53	7.9
4 4.6	+19.2	+19 675	4 4.4	+19 9	8.0
4 0.8	+19.2	+19 672	4 0.7	+19 14	6.2
3 58.2	+18.8	+18 581	3 58.2	+18 45	7.5
4 18.5	+19.6	+19 721	4 18.6	+19 31	7.8
4 11.1	+19.6	+19 698	4 11.0	+19 35	8.2
4 8.6	+19.3	+19 689	4 8.6	+19 18	7.8
3 59.9	+19.4	+19 668	3 59.9	+19 21	8.0
3 53.5	+19.5	+19 647	3 53.5	+19 31	8.5
3 52.8	+19.8	+19 643	3 52.7	+19 48	7.0

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 28, 1893

Plate 2138

v A Cl. Rüst Klinc Ent.

11.8	11.5	a		K=0.3H 4
11.3	19.1	F	3251	K=H 1
12.4	6.2	F	3252	K=H 1
12.9	8.6	a		R 3
12.4	9.1	H		K=H 1
12.9	9.6	F	3253	K=H 2
12.9	10.5	a		R 4
12.7	17.6	F	3254	K=H 1
13.9	7.3	E		K=H 1
13.2	9.5	F	3255	K=H 1
13.8	11.1	a		K=H 3
13.1	20.8	I		K=H 1
14.1	6.6	a		K=0.3H 3
14.3	8.4	F	3256	K=H 1
14.2	10.5	a		R 4
14.5	17.0	F,B	3257	K=H 3
14.6	17.3	K		K=1.2H 4
14.4	22.3	a		R 2
14.6	23.4	E		K=H 1
14.9	24.2	a		R 3
15.2	7.8	a		K=H 3
15.3	7.9	a		K=0.2H 4
15.5	12.9	F	3258	K=H 2
15.3	13.7	a		R 3
15.4	18.5	F	3259	K=H 1
15.4	21.0	F	3260	K=H 3
15.6	24.3	a		R 2
16.8	7.1	a		R 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec	BD. No.	R.A. 1855	Dec. 1855	Magn.
4h 8.9m	20.2	+20° 724	4h 8.8m	+20° 14′	5.7
3 52.3	20.0	+20 684	3 52.2	+20 0	8.4
4 20.2	20.3	+20 761	4 20.2	+20 21	8.3
4 15.0	20.6	+20 751	4 15.0	+20 38	6.2
4 14.0	20.5	+20 744	4 13.9	+20 28	6.5
4 13.0	20.7	+20 740	4 13.0	+20 42	7.0
4 11.0	20.8	+20 733	4 10.9	+20 48	6.2
3 55.4	20.7	+20 692	3 55.5	+20 40	8.0
4 17.9	21.1	+21 644	4 17.7	+21 8	7.5
4 13.1	20.9	+20 741	4 13.1	+20 50	7.2
4 10.0	21.2	+21 618	4 9.8	+21 13	6.0
3 48.9	20.9	+20 669	3 48.7	+20 54	7.5
4 19.5	21.3	+21 647	4 19.4	+21 17	6.5
4 15.7	21.4	+21 641	4 15.6	+21 28	8.0
4 11.1	21.5	+21 623	4 11.1	+21 27	5.8
3 56.8	21.6	+21 587	3 56.8	+21 36	6.5
3 56.1	21.7	+21 585	3 56.1	+21 40	5.0
3 45.6	21.5	+21 550	3 45.5	+21 30	7.5
3 43.0	21.6	+21 539	3 43.1	+21 36	7.2
3 41.6	21.8	+21 535	3 41.4	+21 48	6.5
4 16.9	+21.9	+21 643	4 16.8	+21 02	6.0
4 16.8	+21.9	+21 642	4 16.7	+21 58	4.3
4 6.0	+22.1	+22 607	4 5.9	+22 5	7.0
4 4.3	+22.0	+22 649	4 4.3	+22 3	6.0
3 53.7	+22.0	+22 622	3 53.7	+22 1	8.1
3 48.2	+22.1	+22 605	3 48.3	+22 3+	6.0
3 41.2	+22.1	+22 572	3 41.1	+22 6	7.3
4 18.8	+22.7	+22 699	4 18.6	+22 39+	6.2

*BD +21° 588 omitted and BD +21° 587

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 28, 1893

Plate 2138

VH Cl. Rim. Klinkert.

16.4	7.5	a	K=a4H4
16.3	8.3	F 3862	K=H1
16.3	11.2	F 3862	K=H1
16.7	15.4	a	K=H2
16.7	19.1	a	K3
16.8	20.8	a	K3
17.0	21.7	a	K1
17.7	10.4	H	K1
17.7	14.0	E	K=H1
17.7	19.9	H	K1
17.7	24.2	a	K3
18.2	5.7	a	K1
18.4	8.1	a	K=H1
18.2	10.6	a	K1
18.0	13.0	H	K=H1
18.5	15.0	H	K=H1
18.7	15.1	a	K=H2
18.3	15.5	H	K=H1
18.6	17.5	F 3863	K=H3
18.6	20.3	a	K2
18.4	23.7	a	K2
18.2	24.2	a	K2
19.4	8.7	F 3864	K3
19.6	9.0	F 3863	K=H1
19.3	20.7	H	K1
20.8	23.2	F 3866	K=H1
20.7	23.5	a	K2
22.0	7.5	a	K4

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

R.A. 1855	Dec	B.D. No.	R.A. 1855	Dec. 1855	Magn.	
4 17.6	22.5	+22° 696	4h 17.6m	+22° 28′	4.5	
4 15.9	22.4	+22 688	4 15.8	+22 25	8.0	
4 9.5	22.4	+22 670	4 9.6	+22 27	7.5	
4 0.2	22.7	+22 637	4 0.3	+22 44	7.0	
~~4~~ 3 52.3	+22.8	+22 617	3 52.4	+22 49	7.5	?
3 48.5	+22.7	+22 607	3 48.5	+22 46	7.0	?
3 46.0	+22.8	+22 594	3 46.2	+22 46	8.5	
4 11.4	+23.2	+23 675	4 11.4	+23 14	7.5	
* 4 3.8	+23.2	+23 {641	~~43~~ 3.8	+23 14	9.5	
		+23 {642	4 3.8	+23 13	7.5	
3 50.4	+23.2	+23 600	3 50.4	+23 12	8.0	
3 41.1	23.3	+23 563	3 41.1	+23 16	7.2	
4 21.7	+23.2	+23 701	4 21.7	+23 16	7.0	
4 16.6	+23.4	+23 688	4 16.6	+23 27	8.6	
4 11.1	+23.4	+23 n. 672 -3				
4 6.0	+23.3	+				
4 1.7	23.6	+23 632	4 1.6	+23 35	7.5	
4 1.1	23.7	+23 627	4 1.0	+23 41	7.5	
4 0.2	23.4	+23 624	4 0.2	+23 32	7.2	
3 55.8	23.7	+23 609	3 55.7	+23 43	6.0	
3 49.8	23.7	+23 594	3 49.7	+23 40	7.3	
3 42.4	23.5	+23 570	3 42.3	+23 31	7.3	
3 41.5	23.4	+23 569	3 41.4	+23 24	7.5	
4 15.2	23.9	+23 ~~683~~	~~4 15.2~~	~~+23 58~~	~~8.5~~	← Superposed chart plate B 232 on this. Miss F. that says the fainter star does not affect spectrum of the brighter which class B
		+23 684	4 15.3	+23 58	6.5	
4 14.9	24.0	+24 654	4 14.8	+24 4	7.3	
3 48.8	24.0	+24 599	~~4~~ 3 48.8	+24 4	6.8	?
3 43.5	24.7	+24 587	3 43.5	+24 45	7.5	
3 42.9	24.7	+24 583	3 42.7	+24 44	7.7	
4 13.8	+25.2	+25 707	4 13.8	+25 17	5.7	

* BD +23° 641 [illegible] BD +23° 642

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

1893phae.proj..882F

July 28, 1893

Plate 2138

V H bl. Rin. Klinc Int.

22.0 16.5 a R 1
21.8 22.5 a R 2
21.6 24.0 a R 3
22.4 10.4 a R 1
23.1 13.2 F 3269 K=H1
23.5 14.9 F 3268 K=H3
22.3 18.4 a R 1

R.A. 5h 4 Dec. +21.5

Plate 2139

3.8 7.5 a R 2
4.0 9.1 a R 1
4.4 9.3 B 3269 R 3
4.2 15.2 a R 1
4.6 15.4 a R 1
4.2 15.5 F 3270 K=H1
4.6 16.5 B 3271 R 3
4.4 17.5 a R 1
4.6 17.7 a R 3
5.4 11.4 a K=0.4H4
5.4 13.7 a R 4
5.7 15.6 ma(2) R 2
5.6 17.1 a R 1
5.7 17.3 F 3272 K=1.5H4
5.7 19.1 a R 1
6.4 5.9 a R 1
6.9 6.4 a K=H 4
6.4 13.8 a R 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

R.A. 1855	Dec	BD.	No.	R.A. 1855	Dec. 1855	Magn.
3 58.0	25.3	+25°	677	3h 57.9m	+25° 20′	8.2
3 45.0	25.2	+25	641	3 45.8	+25 15	6.6
3 41.6	25.1	+25	624	3 41.6	+25 9	6.0
4 11.7	25.4	+25	703	4 11.7	+25 29	7.8
4 5.9	25.9	+25	685	4 5.7	+25 53	7.6
4 2.2	26.1	+26	686	4 2.0	+26 5	5.8
3 53.9	25.5	+25	664	3 53.9	+25 31	8.1
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	+16.5	+16	841	5 32.9	+16 28	5.5
5 20.5	+16.3	+16	786	5 20.5	+16 17	8.0
5 20.0	+16.5	+16	783	5 20.0	+16 29	8.2
5 19.8	+16.3	+16	782	5 19.8	+16 20	6.9
5 17.8	+16.6	+16	775	5 17.7	+16 33	7.0
5 15.8	+16.4	+16	767	5 15.8	+16 26	8.4
*5 15.3	+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 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	920	5 16.0	+17 15	5.5
5 12.4	+17.1	+17	901	5 12.3	+17 6	8.0
5 40.1	+17.4	+17	1013	5 40.0	+17 22	7.8
5 38.9	+17.7	+17	1004	5 38.0	+17 40	6.1
5 23.4	+17.4	+17	945	5 23.6	+17 26	8.2

*BD +16° 744 substituted for BD +16° 745

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..082F

July 25, 1893

Plate 2139

VH Cl. Penn. Klinc Int.

7.0	16.0	B	3273	R 4
8.1	5.9	F	3274	K=H 1
9.0	7.3	a		R 2
8.8	7.6	a		R 1
9.0	8.1	a		R 1
8.2	13.2	B	3275	R 4
8.3	13.8	a		K=H 3
8.0	14.9	a		VR 2
7.9	15.0	a		K=0.2H3
7.7	14.0	H		R 1
8.2	15.9	a		R 1
8.7	16.0	a		K=H 1
9.0	18.7	F	3276	K=H 1
8.0	21.0	a		R 2
9.3	8.7	a		R 3
9.2	11.7	H		R 1
9.4	13.7	F	3277	K=1H 1
9.1	18.1	E		K=H 1
10.2	9.3	a		R 1
10.6	10.1	a		R 2
10.8	11.3	a		R 1
10.3	12.0	a		R 2
10.8	12.4	a		K=H 1
10.7	19.0	F		K=H 2
10.2	19.3	a		R 3
11.7	7.0	F	3278	K=H 1
12.0	13.2	a		R 3
11.2	15.2	a		K=H 1

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.882F

R.A. 1855	Dec.	BD. No.	R.A. 1855.	Dec. 1855.	Magn.
5h 18.8m	+17.9	+17° 928	5h 18.7m	+17° 50′	6.0
5 40.4	+18.2	+18 970	5 40.3	+18 11	7.3
5 37.3	+18.7	+18 957	5 37.3	+18 44	8.2
5 36.8	+18.7	+18 950	5 36.7	+18 38	7.5
5 35.7	+18.8	+18 938	5 35.8	+18 47	7.8
5 25.0	+18.4	+18 877	5 25.1	+18 26	6.2
5 23.8	+18.4	+18			
5 21.4	+18.3	+18 863	5 21.4	+18 18	7.9
		864	5 21.4	+18 19	7.9
5 21.0	+18.2	+18 862	5 20.8	+18 15	7.0
5 23.2	+18.1	+18 873	5 23.2	+18 8	7.4
5 18.9	+18.4	+18 855	5 19.0	+18 22	8.7
5 18.8	+18.6	+18 853	5 18.9	+18 36	8.8
5 13.2	+18.8	+18 831	5 13.2	+18 46	7.8
5 8.2	+18.3	+18 812	5 8.3	+18 17	7.8
5 34.4	+18.9	+18 923	5 34.4	+18 55	7.1
5 28.1	+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 33.2	+19.3	+19 1023	5 33.2	+19 17	8.0
5 31.4	+19.6	+19 1004	5 31.6	+19 36	7.8
5 29.0	+19.7	+19 986	5 29.0	+19 41	8.8
5 27.3	+19.5	+19 972	5 27.5	+19 27	7.5
5 26.8	+19.7	+19 971	5 26.7	+19 40	8.1
5 12.5	+19.7	+19 902	5 12.4	+19 40	6.5
5 11.8	+19.4	+19 898	5 11.8	+19 27	6.5
5 38.1	+20.1	+20 1093	5 38.2	+20 7	7.3
5 25.0	+20.4	+20 989	5 25.0	+20 22	6.3
5 20.5	+19.9	+19 936	5 20.5	+19 55	8.7

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

July 28, 1893

Plate 2139

VH Cl. Pun. Kline Int.

12.0	15.2	H		N 1
11.3	19.8	G3		K=H 2
11.3	20.6	F	3279	K=H 2
11.3	20.9	a		K=H 1
11.2	21.7	F	3280	K=H 1
12.4	8.0	a		N 1
12.5	9.1	a		N 1
12.4	11.6	F	3281	K=H 1
12.2	14.8	a		N 3
12.2	17.0	a	3282	N 3
12.4	19.2	a		N 2
13.7	6.0	a		N 2
13.1	6.3	B	3283	N 3
13.3	6.6	a		N 1
13.9	9.5	b		K=H 2
13.3	11.4	a		N 5
14.0	12.3	a	3284	K=H 2
13.3	13.0	F	3285	K=H 1
13.7	15.2	F	3286	K=H 1
13.5	22.2	a		K=0.3H 2
14.2	8.7	a		N 1
14.7	10.6	a		K=0.2H 3
15.0	12.0	F	3287	K=H 2
15.3	14.3	Ind		N 1
14.7	15.8	B	3288	N 4
14.6	20.2	a		N 2
15.7	8.8	a		N 1
15.9	14.7	A		K=H 3

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj. 882F

R.A. 1855	Dec.	B.D. No.	R.A. 1855	Dec. 1855	Magn.
5h 20.7m	+20.3	+20° 961	5h 20.4m	+20° 19'	7.5
5 10.8	+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 36.1	+20.5	+20 1073	5 36.2	+20 29	8.2
5 33.9	+20.3	+20 1054	5 33.8	+20 32	8.3
5 28.5	+20.7	+20 1018	5 28.4	+20 38	8.5
5 21.6	+20.4	+20 969	5 21.6	+20 26	7.5
5 16.6	+20.4	+20 948	5 16.6	+20 27	7.5
*5 12.0	+20.7	+20 929	5 12.1	+20 41	8.6
5 40.6	+21.1	+20	5 3		
5 39.8	+20.8	+20 1106 / 1105	5	39.7 +20 49	7.3
5 39.0	+20.9	+20 1100	5 39.0	+20 53	8.0
5 37.2	+21.2	+21 978	5 37.3	+21 15	8.0
5 29.0	+21.0	+21 908	5 29.0	+21 3	3.1
5 27.0	+21.3	+21 899	5 27.0	+21 18	7.8
5 20.6	+21.2	+21 857	5 20.6	+21 11	8.4
5 20.8	+21.2	+21			
5 5.4	+21.0	+21 796	5 5.5	+21 3	7.7
5 34.8	+21.3	+21 946	5 34.7	+21 21	8.3
5 30.8	+21.7	+21 918	5 30.8	+21 40	7.0
5 27.7	+21.9	+21 902	5 27.7	+21 54	7.4
5 22.8	+22.1				
5 18.9	+21.8	+21 847	5 18.9	+21 48	5.8
5 9.9	+21.7	+21 813	5 9.8	+21 39	7.8
5 34.8	+22.1	+22 1007	5 34.6	+22 8	8.7
5 22.0	+22.4	+22 925	5 22.0	+22 21	7.5

The 8.0 mag. star does not affect the bright. wing. Chase F. says she observed that B.D. +22°934 was it.

*B.D. +20°1098 entered for B.D. +20°1099.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.002F

July 28, 1893

Plate 2139

V. H Cl. Rem. Kmin. Int.

15.1	19.8	G5		K=1.2H 4
15.5	21.6	a		K=0.2H 3
15.3	24.0	a		K 1
16.2	9.0	a		K 1
16.6	9.0	a		K 1
16.5	9.5	H		K=H 2
16.5	15.6	H		K 1
17.6	8.9	B	3289	K=H 3
17.8	9.6	a		K 3
17.4	11.5	a		K 1
17.6	15.8	a		K 1
18.9	5.9	a		K 2
19.0	12.6	B	3290	K 4
19.0	20.6	I		K=H 2
19.3	7.8	a		K 1
19.9	9.6	a		K=H 1
19.9	10.0	E		K=H 1
19.6	10.6	F	3291	K=H 1
19.6	12.8	H		K=H 2
20.4	6.4	I		K=H 3
20.4	6.6	a		K 1
20.7	6.9	H		K 1
20.7	8.2	a		K 1
20.2	10.4	H		K 1
20.3	13.5	a		K 2
20.9	17.7	a		K 1
21.5	8.0	H		K 1
22.0	8.9	a		K=H 1

(Continued in Book (8. hr. 4.)

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.:882F

R. a. 1855	Dec.	BD. No.	R. A. 1855	Dec. 1855	Magn.
5h 10.7	+21.9	+21 816	5 10.6	+21 57	6.5
5 6.9	+22.1	+22 864	5 6.8	+22 7	6.8
5 1.7	+21.9	+21 778	5 1.5	+21 58	8.0
5 34.3	+22.4	+22 1003	5 34.3	+22 23	8.6
5 34.3	+22.4				
5 33.5	+22.6	+22 996	5 33.3	+22 35	6.8
5 19.7	+22.6	+22 914	5 19.7	+22 37	7.7
5 34.7	+23.1	+23 1015	5 34.5	+23 8	6.3
5 33.1	+23.3	+23 1007	5 33.1	+23 14	6.8
5 28.9	+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 37.1	+23.7	+23 1036	5 37.1	+23 41	7.8
5 26.6	+23.9	+23 954	5 26.6	+23 56	5.9
5 8.8	+23.9	+23 888	5 8.7	+23 52	6.8
5 37.1	+24.1	+24 950	5 37.1	+24 10	8.0
5 33.2	+24.2	+24 920	5 33.1	+24 14	7.8
5 32.2	+24.2	+24 918	5 32.2	+24 16	8.2
5 31.0	+24.1	+24 909	5 31.0	+24 8	7.0
5 26.2	+24.2	+24 868	5 26.2	+24 11	7.8
5 40.0	+24.5	+24 970	5 40.1	+24 31	5.3
5 39.8	+24.5	+24 968	5 39.7	+24 29	8.5
5 39.0	+24.6	+24 963	5 39.0	+24 38	7.0
5 36.3	+24.6	+24 942	5 36.3	+24 37	8.0
5 31.4	+24.4	+24 913	5 31.4	+24 27	7.2
5 24.6	+24.5	+24 854	5 24.6	+24 31	7.0
5 15.1	+24.8	+24 826	5 15.1	+24 49	8.2
5 36.6	+25.0	+25 961	5 36.6	+25 3	8.0
5 34.8	+25.4	+25 941	5 34.7	+25 22	6.8 ?

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1999plac.proj...02F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj.882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1893phae.proj..882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics - Provided by the NASA Astrophysics Data System

1893phae.proj..882F

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System