KG
11366
v.241

1907phae.proj.1243.

Meridian Photometer: No. 11.

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

1907phae.proj.1243.

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

1907phae.proj.1243.

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

1907phae.proj.1243.

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

1907phae.proj..1243.

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

1907phae.proj.1243.

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

1907phae.proj.1243.

Thursday, April 18, 1907

Series f 5

9 35.9	σ Det.	55.8	91	01
	43.6			
	123.8			
	110.2			
	223.3			
9 36.8		55.7	91	01
	289.8			
	36.2			
	28.2			
	113.8			
9 40.6				
~~Abb. +~~	Abb 13462	62.4	59	09
	1908			
	3146			
	91.0			
	235.3			
9 41.6		63.0	59	09
	270.0			
	52.8			
	185.9			
	315.0			
9 52.6	Abb. 13547	66.2	57	56
	24.0			
	114.2			
	103.1			
	225.8			

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

1907phae.proj.1243.

9 53.7	A&C. 13:47	665	57	54
	284.1			
	36.9			
	24.2			
	125.2			

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

1907phae.proj.1243.

D. D. 7698.

Series of 5 Thursday, May 2 1907

May 2, 1907—

9 21h. 5 Det.
20.2
116.9
114.3
212.2

9 28h6
293.0
27.2
27.1
114.1

9 31.1 Abb. 13462
220.9
282.7
302.2
22.3

9 32.0 52.2 58 53
122.3
199.4
220.3
285.2

10 05 Abb 13462 ~~13547~~ 67.6 59 04
~~20.8~~ 88.1 88.1
118.9 106.0 106.0
112.2 194.1 194.1
218.2 −0.27 −0.27

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

1907phae.proj.1243.

D. 7698.

Series 65 Thursday, May 2, 1907

9	21.6	♂ Oct.	56.2	90	39
		20.2	86.7	86.7	
		116.9	97.9	97.9	
		114.3	184.6	184.6	
		212.2	−0.09	−0.09	
9	25.6		56.2	90	39
		293.0	~~56.2~~	104.2	
		27.2	104.7	84.0	
		27.1	87.0	191.2	
		114.1	191.2		
			−0.21	−0.21	
9	31.1	Abb.	13462 518	58	53
			2209		
			252.7		
			202.2		
			22.3		
9	32.0		52.2	58	53
			122.3		
			199.4		
			220.3		
			255.2		
10	05	Abb.	13462 ~~13547~~	67.6	39 04
		20.8	88.1	88.1	
		118.9	106.0	106.0	
		112.2	194.1	194.1	
		218.2	−0.27	−0.27	

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

1907phae.proj.1243.

J.D. 7698

May 2, 1907

10	06.2	abb.	1346 ~~13547~~	67.8		59 03		
9	47.3		289.3	107.5	9.8	107.5	58	50
	18.9		36.8	90.0	58.0	90.0		+13
	.52		25.3	197.5		197.5		
	378		118.3	-0.33		-0.33		
	945							
	9.8							
10	08.0	abb.	13547	67.1		58 01		
9	50.5		215.2	74.8	9.3	74.8	57	50
	17.5		290.0	96.0	57.8	96.0		+11
	.53		296.1	170.8		170.8		
	525		32.1	+0.17		+0.17		
	875							
	9.3							
10	08.8			67.3		58 01		
			120.0	86.2		86.2		
			206.2	69.2		69.2		
			218.0	~~155.0~~		155.4		
			287.2	~~+0.48~~		+0.47		
10	10.8	abb	13714	65.2		56 58		
	57.7		37.1	74.7	7.2	74.7		45
	13.1		111.8	~~84.4~~	58.0	94.4		+13
	.55		114.6	~~159.1~~		169.1		
	655		209.0	~~+0.40~~		+0.20		
	655							
	7.2							
10	11.6			65.7		56 58		
			294.0	102.8		102.8		
			36.8	80.5		80.5		
			34.3	183.3		183.3		
			114.8	-0.06		-0.06		

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

1907phae..proj..1243.

J.D. 7698.

May 2, 1907

		a & b.		
10	13.3	13720	65.6	59 59
		206.8	96.2	96.2
		302.0	98.3	98.3
		292.3	194.5	194.5
		20.6	−0.27	−0.27
10	14.2		65.8	59 59
		112.2	106.5	106.5
		218.7	93.9	93.9
		204.2	200.4	200.4
		298.1	−0.39	−0.39
10	19.6	Z.b. #065	71.6	68 32
		61.2	23.8	23.8
		85.0	33.3	33.3
		147.7	57.1	57.1
		181.0	+2.97	+2.97
10	20.3		72.0	58 32
		324.6	37.5	37.5
		2.1	26.7	26.7
		59.2	64.2	64.2
		85.9	+2.71	+2.71
10	21.5	Z.b. #150	71.8	58 49
		240.1	25.9	25.9
		266.0	34.7	34.7
		323.0	60.6	60.6
		357.7	+2.84	+2.84

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

1907phae.proj.1243.

~~JD~~ 7698.

May 2, 1907

10 22.3	Z.b.	4150	72.2	58 49
		147.7	34.0	34.0
		181.7	30.3	30.3
		237.9	64.3	64.3 ✓
		268.2	+2.70	+2.70
10 23.4	Z.b.	4212	72.7	58 29
		63.0	19.3	19.3
		82.3	~~25.8~~	24.8 ✓
		151.6	~~45.1~~	44.1
		176.4	~~+3.50~~	+3.55
10 24.2			73.1	58 29
		330.2	26.7	26.7
		356.9	~~+7.6~~	27.6
		59.2	~~44.3~~	54.3 ✓
		86.8	~~+3.54~~	+3.09
10 26.2	Z.b.	4332	73.3	58 37
		235.9	31.1	31.1
		267.0	43.2	43.2 ✓
		320.0	74.3	74.3
		3.2	+2.37	+2.37
10 27.0			74.3	58 37
		139.1	47.0	47.0
		186.1	35.3	35.3 ✓
		236.8	82.3	82.3
		272.1	+2.13	+2.13

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

1907phae.proj.1243.

JD 7698.

10 28.2	36 4332	74.8	58 37
	55.0	39.7	39.7
	94.7	51.6	51.6
	134.2	91.3	91.3
	185.8	+1.88	+1.88
10 29.0		75.3	58 37
	322.7	40.3	40.3
	3.0	36.4	36.4
	54.1	76.7	76.7
	90.5	+2.29	+2.29
10 30.5	36 4212	77.2	58 38
	241.9	21.4	21.4
	263.3	27.2	27.2
	329.0	48.6	48.6
	356.2	+3.33	+3.33
10 31.5		77.7	58 37
	152.0	26.4	26.4
	178.4	20.1	20.1
	243.7	46.5	46.5
	263.8	+3.43	+3.43
10 33.5	36 4150	78.2	58 57
	60.4	22.3	22.3
	82.7	33.6	33.6
	146.2	55.9	55.9
	179.8	+3.02	+3.02

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

1907phae.proj.1243.

8 LD 7698

May 2 1907

10	34.1	3b 4150	78.9	58	57	
9	57.0	325.9	35.3 20.9/58.0	35.3	29	
	40.1	1.2	32.6	32.6	+28	
	.52	58.3	67.9	67.9		
	802	90.9	+2.58	+2.58		
	2005					
	20.9					
10	35.4	3b 4065	80.0	58	42	
9	52.7	242.7	22.5 22.6/57.4	22.5	13	
	42.7	265.2	31.9	31.9	+29	
	.53	328.0	54.4	54.4		
	1281	359.9	+3.08	+3.08		
	2135					
	22.6					
10	36.3		80.2	58	42	
		150.6	29.0	29.0		
		179.6	22.8	22.8		
		242.2	51.8	51.8		
		265.0	+3.19	+3.19		
10	37.0	3b 13720	78.0	60	18	
9	58.0	29.3	91.5 19.5/58.5	91.5 59	49	
	39.0	120.8	108.1	108.1	+29	
	.50	107.9	199.6	199.6		
	19.5	216.0	-0.37	-0.37		
10	~~38~~ 40.8		78.3	60	18	
		291.6	101.6	101.6		
		33.2	82.9	82.9		
		28.3	184.5	184.5		
		111.2	-0.08	-0.08		

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

1907phae.proj.1243.

LD 7698

May 2 1907

10 42.0 Abb. 13714,66 81.8 57 19

9 57.7 216.3 65.4 24.4 / 57.4 65.4 56 45 +84

44.3 281.7 ~~97.2~~ 77.2

.83 301.9 ~~132.6~~ 142.6

2215 19.1 ~~+0.92~~ +0.72

2215

24.7

10 43.8 82.0 57 19

57.7 126.3 78.8 25.4 / 56.6 78.8

46.1 205.1 71.4 71.4

.58 217.0 150.2 150.2

2305 288.4 +0.57 +0.57

2305

25.7

10 49.4 Abb. 13547 89.4 58 48

9 58.5 401 69.9 31.2 / 58.2 69.9 59 ~~49.50~~ +58

58.9 110.0 148.8 118.8

.59 104.3 188.7 188.7

1767 223.1 −0.16 −0.16

2945

31.2

10 50.2 90.0 ~~58~~ 58 51

294.0 106.4 106.4

40.4 86.1 86.1

26.9 192.5 192.5

13

130.0 −0.24 −0.24

h

−58° 1709.77

10 54.1 Abb. 13462 66 90.3 59 34

51.7 h 9 47.3 a 212.8 82.1 34.7 / 55.6 a 82.1 58 50 a +44

62.4 66.8 294.9 82.3 82.3

.52 .52 295.0 164.4 h 32.4 / 57.9 h 164.4 58 31 h +63

1248 1336 20.3 +0.30 +0.30

3120 3340

32.4 847

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

1907phae.proj.1243.

10 D 7698

-58° 1709 II May 2, 1907

10	54.9	Able.	13462	90.7		59	34
9	51.7	47.3	126.8	80.4	85.2 / 55.5 80.4	58	50
	63.2	67.6	207.2	82.4	82.4		+44
	52	52					
	1264	1352	204.8	162.8	162.8		✓
	3160	3380					
	329	348	287.2	+0.33	82.9 / 57.8 +0.33	58	81 / +63

10	57.3	♂ Oct.	55.1	90 29
		29.0	84.1	84.1
		113.1	94.1	94.1
		117.1	178.2	178.2 ✓
		211.2	+0.03	+0.03

10	58.3		55.1	90 29
		288.0	104.0	104.0
		32.0	100.8	100.8
		25.1	204.8	204.8 ✓
		125.9	−0.47	−0.47

Meridian & Jobs very hazy during observations.

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

1907phae.proj.1243.

JD 7699.

Friday, May 3, 1907

~~May 2 1907~~

Saves 95

9 24.4 σ Oct. 56.2 90 H2

205.3	94.6	94.6
299.9	110.8	110.8
288.0	205.4	205.4
38.8	-0.49	-0.49

9 25.5 56.3 90 H2

108.4	108.6	108.6
217.0	93.3	93.3
206.0	201.9	201.9
299.3	-0.42	-0.42

9 29.5 Ab 6 13462 48.2 59 03

~~48.1~~	25.2	93.6 9.3 57.5	93.6 ~~58~~	~~57~~ 7
47.3	118.8	108.0	108.0	✓ 58 50 +13
17.8	109.0	201.6	201.6	
.52	217.0	-0.41	-0.41	
356				
890				
9.3				

9 30.4 48.5 59 13

288.1	109.7	109.7
37.8	101.8	101.8
20.4	211.5	211.5
122.2	-0.60	-0.60

9 32.0 Ab 6. 13547 47.6 58 03

213.1	74.0	74.0
289.1	85.1	85.1
299.8	159.1	159.1
24.9	+0.40	+0.40

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

1907phae.proj.1243.

LD 7699.

May 3, 1907

9	32.9	A.G.C. 13527	48.1	58	03
		124.8	82.4	82.4	
		209.2	67.6	67.6	✓
		218.3	150.0	150.0	
		285.9	+0.58	+0.58	
9	35.1	A.G.C. 13714	45.4	57	03
		30.8	76.6	76.6	
		107.4	93.5	93.5	✓
		115.3	170.1	170.1	
		208.8	+0.19	+0.19	
9	36.0		45.9	57	03
		296.9	94.8	94.8	
		31.7	81.3	81.3	
		30.9	176.1	176.1	✓
		112.2	+0.07	+0.07	
9	37.4	A.G.C. 13720	47.1	60	03
		205.2	89.4	89.4	
		294.6	96.6	96.6	✓
		295.0	186.0	186.0	
		31.6	−0.11	−0.11	
9	38.3		47.3	60	03
		113.9	95.3	95.3	
		209.2	87.2	87.2	✓
		208.2	182.5	182.5	
		295.4	−0.05	−0.05	

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

1907phae..proj..1243..

LD 7699.

May 3, 1907

9	43.5	3.6. #065	52.9	58 23
		62.1	23.2	23.2
		85.3	26.9	26.9
		151.1	50.1	50.1
		178.0	+3.27	+3.27
9	44.6		53.6	58 23
		325.9	33.0	33.0
		358.9	23.4	23.4
		61.9	56.4	56.4
		85.3	+3.00	+3.00
9	46.6	3.6. #150	57.1	58 #1
		237.2	28.2	28.2
		265.4	35.9	38.9
		323.7	64.1	64.1
		359.6	+2.71	+2.71
9	47.5		54.4	58 #1
		143.7	37.6	37.6
		181.3	28.7	28.7
		240.3	66.3	66.3
		269.0	+2.63	+2.63
9	49.2	3.6. #212	55.2	58 18
		62.5	22.1	22.1
		84.9	28.5	28.5
		146.5	50.6	50.6
		175.3	+3.24	+3.24

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

1907phae.proj.1243.

HD 7699.

May 3, 1907

9 50.5	Zb. 4212	55.7	58 18
	330.3	25.8	25.8
	356.1	22.0	22.0
	62.4	47.8	47.8 ✓
	84.4	+3.37	+3.37
9 51.7	Zb 4332	55.6	58 19
	236.1	35.1	35.1
	271.2	48.3	48.3
	317.7	83.4	83.4 ✓
	6.0	+2.10	+2.10
9 52.5		55.9	58 19
	141.2	46.6	46.6
	187.8	37.1	37.1
	236.3	83.7	83.7 ✓
	273.4	+2.09	+2.09
9 54.0	Zb. 4332	56.7	58 19
	55.9	38.8	38.8
	94.7	53.8	53.8
	134.2	92.6	92.6 ✓
	188.0	+1.84	+1.84
9 54.7		56.9	58 19
	320.4	46.3	46.3
	7.1	36.2	36.2
	55.9	82.5	82.5 ✓
	92.1	+2.12	+2.12

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

1907phae.proj.1243.

JD 7699

May 3, 1907

9 55.6	3.6. 4212	58.2	58	19
	241.0	23.3	23.3	
	264.3	28.3	28.3	✓
	330.0	51.6	51.6	
	358.3	+3.20	+3.20	
9 56.5		58.6	58	19
	148.7	30.2	30.2	
	178.9	22.1	22.1	✓
	242.6	52.3	52.3	
	264.7	+3.17	+3.17	
9 57.8	3.6. 4150	59.4	58	38
	60.3	24.9	24.9	
	85.2	33.1	33.1	✓
	145.7	58.0	58.0	
	178.8	+2.94	+2.94	
9 57.9		60.0	58	38
	327.8	33.9	33.9	
	1.7	27.3	37.3	✓
	58.0	61.2	61.2	
	85.3	+2.81	+2.81	
90 00.2	3.6 4065	61.8	58	23
	241.2	24.9	24.9	
	266.1	28.8	28.8	✓
	329.2	53.7	53.7	
	358.0	+3.11	+3.11	

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

1907phae.proj.1243.

D 7699.

May 3, 1907

10 01.1	3 lb. 4065	62.3	58	23
	147.8	30.9	30.9	
	178.7	25.1	25.1	
	240.7	56.0	56.0	
	265.8	+3.02	+3.02	
10 02.7	a.2.b. 13720	60.0	59	59
	30.6	81.4	81.4	
	112.0	94.7	94.7	
	115.0	176.1	176.1	
	209.7	+0.07	+0.07	
10 03.6		60.2	59	59
	291.9	102.3	102.3	
	34.2	85.3	85.3	
	29.7	187.6	187.6	
	115.0	−0.14	−0.14	
10 05.9	a.2.b. 13714	62.3	56	57
	206.8	85.5	85.5	
	292.3	96.1	96.1	
	297.2	181.6	181.6	
	333	−0.03	−0.03	
10 06.7		62.9	56	57
	122.4	86.8	86.8	
	209.2	76.4	76.4	
	211.7	163.2	163.2	
	288.1	+0.32	+0.32	

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

1907phae.proj.1243.

LD 7699.

May 3, 1907

10	08.8	a.b.b. 13547	67.8	58	03
		38.1	65.0	65.0	
		103.1	82.8	82.8	
		119.4	147.8	147.8	✓
		202.2	+0.62	+0.62	
10	09.6		68.1	58	03
		205.2	83.6	83.6	
		28.8	72.3	72.3	
		36.9	155.9	155.9	✓
		109.2	+0.46	+0.46	
10	10.8	a.b.b. 13462	69.8	59	08
		203.6	93.4	93.4	
		297.0	109.9	109.9	
		285.3	203.3	203.3	✓
		36.2	-0.44	-0.44	
10	11.6		70.1	59	07
		109.8	108.5	108.5	
		218.3	92.0	92.0	
		205.7	200.5	200.5	✓
		297.7	-0.39	-0.39	
10	14.3	a.b.b. 13923	61.8	58	20
		33.3	78.0	78.0	
		111.3	98.0	98.0	
		109.9	176.0	176.0	✓
		297.9	+0.08	+0.08	

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

1907phae.proj.1243.

D 7699.

May 3, 1907

10 15.2	a Lb 13923	621	55 20	
	296.0	97.0	97.0	
	33.0	85.3	85.3	
	31.6	182.3	182.3	✓
	116.9	−0.04	−0.04	
10 16.7	a Lb 13925	632	57 34	
	203.5	93.3	93.3	
	297.1	98.8	98.8	
	292.4	192.1	192.1	✓
	31.2	−0.23	−0.23	
10 17.4		637	57 34	
	111.9	102.0	102.0	
	213.9	96.7	96.7	✓
	202.5	198.7	198.7	
	299.2	−0.36	−0.36	
10 19.0	a Lb 13947	634	59 28	
	33.0	74.9	74.9	
	107.9	92.1	92.1	✓
	118.8	167.0	167.0	
	210.9	+0.25	+0.25	
10 19.8		639	57 27	
	296.3	~~95.6~~	96.6	
	32.9	81.8	81.8	✓
	30.3	~~177.4~~	178.4	
	112.1	~~+0.05~~	+0.03	

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

1907phae..proj..1243.

LD 7699.

May 3, 1907

10 20.8	A.G.C. 14038	62.8	59	28
	208.9	80.2	80.2	
	289.1	95.0	95.0	
	297.8	175.2	175.2	✓
	32.8	+0.09	+0.09	
10 21.7		63.3	59	28
	117.1	88.9	88.9	
	206.0	81.0	81.0	
	209.9	169.9	169.9	✓
	290.9	+0.19	+0.19	
10 26.7	A.G.C. 13904	68.4	58	48
	47.3	49.9	49.9	
	97.2	64.9	64.9	
	131.8	114.8	114.8	✓
	196.7	+1.31	+1.31	
10 28.2		69.1	58	48
	311.3	65.5	65.5	
	16.8	49.2	49.2	✓
	48.9	114.7	114.7	
	98.1	+1.31	+1.31	
10 29.5	A.G.C. 13928	69.1	58	47
	232.1	42.2	42.2	
	274.3	63.8	63.8	
	307.1	106.0	106.0	✓
	11.9	+1.51	+1.51	

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

1907phae.proj.1243.

LD 7699.

May 3, 1907

10 30.2	Ab 13925	69.4	58 47
	139.3	55.3	55.3
	194.6	42.1	42.1
	230.8	97.4	97.4 ✓
	272.9	+1.72	+1.72
10 31.3	Zb 571	699	58 33
	56.0	36.3	36.3
	92.3	38.4	38.4
	145.9	74.7	74.7 ✓
	184.3	+2.36	+2.36
10 32.5		70.8	58 39
	323.1	39.0	39.0
	2.1	32.7	32.7
	57.1	71.7	71.7 ✓
	89.8	+2.45	+2.45
10 33.7	Zb 821	69.8	58 23
	240.0	27.2	27.2
	267.2	31.2	31.2
	327.2	~~58.0~~	58.4 ✓
	358.4	~~+2.94~~	+2.92
10 34.6		70.2	58 23
	147.9	32.8	32.8
	180.7	23.9	23.9
	241.4	56.7	56.7 ✓
	265.3	+2.99	+2.99

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

1907phae..proj..1243.

LD 7699.

May 3, 1907

10 36.0	36. 821	709	58 23	
	62.8	24.1	24.1	
	86.9	29.6	29.6	✓
	148.2	53.7	53.7	
	177.8	+3.11	+3.11	
10 36.9		71.2	58 23	
	327.1	30.0	30.0	
	357.1	22.3	22.3	✓
	61.6	52.3	52.3	
	83.9	+3.17	+3.17	
10 38.1	36. 541	74.1	58 40	
	237.8	30.3	30.3	
	268.1	43.3	43.3	✓
	323.7	73.6	73.6	
	7.0	+2.39	+2.39	
10 39.0		74.7	58 40	
	141.3	42.0	42.0	
	183.3	33.6	33.6	✓
	236.2	75.6	75.6	
	269.5	+2.33	+2.33	
10 40.5	36. 139 28	75.8	58 59	
	52.7	43.5	43.5	
	96.2	54.1	54.1	✓
	137.5	97.6	97.6	
	191.9	+1.72	+1.72	

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

1907phae.proj.1243.

D 7699.

May 3, 1907

10 41.5	A.B.G. 13928	76.1	58 59
	315.1	59.7	59.7
	14.8	46.9	46.9
	50.7	106.6	106.6
	97.6	+1.50	+1.50
10 42.8	A.B.G. 13904	77.1	58 59
	228.3	48.0	48.0
	276.3	65.1	65.1
	310.8	113.1	113.1
	15.9	+1.35	+1.35
10 43.7		77.6	58 59
	129.2	70.5	70.5
	199.7	50.8	50.8
	229.1	121.3	121.3
	279.9	+1.16	+1.16
10 48.6	A.B.G. 14038	77.3	59 49
	31.4	79.9	79.9
	111.3	96.4	96.4
	113.9	176.3	176.3
	210.3	+0.07	+0.07
	D		
10 49.7		77.8	59 49
	298.3	90.7	90.7
	29.0	72.7	72.7
	38.1	163.4	163.4
	110.8	+0.32	+0.32

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

1907phae..proj..1243.

D 7699.

May 3, 1907

10 50.9	A.D. 6	13947	79.5	59	52
	219.2		72.0	72.0	
	291.2		98.3	98.3	✓
	294.9		170.3	170.3	
	33.2		+0.18	+0.18	
10 51.8			79.8	59	52
	113.0		106.3	106.3	✓
	219.3		77.2	77.2	
	215.8		183.5	183.5	
	293.0		-0.06	−0.06	
10 53.8	A.D.	6 13925	83.0	58	06
	207.2		84.7	84.7	
	291.9		104.3	104.3	✓
	288.9		189.0	189.0	
	33.2		-0.17	−0.17	
10 54.7			83.2	58	06
	112.8		100.0	100.0	
	212.8		91.1	91.1	✓
	205.9		191.1	191.1	
	297.0		-0.21	−0.21	
10 55.8	A.D.	6 13923	83.7	58	52
	32.2		83.0	83.0	
	115.2		103.3	103.3	✓
	111.7		186.3	186.3	
	215.0		-0.12	−0.12	

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

1907phae.proj.1243.

JD 7699.

May 3, 1907

10 56.7	a. Gc 13923	84.0	59	52
	292.9	100.4	100.4	
	33.3	84.4	84.4	
	30.4	184.8	184.8	✓
	114.8	-0.09	-0.09	
10 58.6	α Oct.	55.7	90 29	
	200.9	97.9	97.9	
	298.8	103.3	103.3	
	292.1	201.2	201.2	✓
	35.4	-0.40	-0.40	
10 59.5		55.6	90 29	
	108.1	105.6	105.6	
	213.7	99.5	99.5	
	201.8	205.1	205.1	✓
	301.3	-0.48	-0.48	

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

1907phae.proj.1243.

JD 7700.

Series 45 Saturday May 4, 1907

9 21.2	σ Det.	56.6	90	42
	28.0	89.4	89.4	
	117.4	96.3	96.3	
	115.7	185.7	185.7	✓
	212.0	−0.11	−0.11	
9 22.2		56.7	90	41
	29.7	105.4	105.4	
	37.1	94.0	94.0	
	26.3	199.4	199.4	✓
	120.3	−0.37	−0.37	
9 25.8	a Lib. 13462	46.7	59 07	
	24.1	92.0	92.0	
	116.1	103.8	103.8	✓
	108.0	195.8	195.8	
	211.8	−0.30	−0.30	
9 26.6		47.0	59 07	
	92.0	105.7	105.7	
	37.7	93.1	93.1	
	26.7	198.8	198.8	✓
	119.8	−0.36	−0.36	
9 28.4	a Lib 13547	46.2	58 09	
	223.3	62.5	62.5	
	28.8	75.3	75.3	✓
	205.7	137.8	137.8	
	21.0	+0.82	+0.82	

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

1907phae.proj.1243.

AD 7700.

May 4, 1907

9 29.2	Able 13547	46.7	38 09
	28.0	72.0	72.0
	200.0	61.5	61.5 ✓
	220.4	133.5	133.5
	251.9	+0.91	+0.91
9 31.2	Able 13714	43.7	59 07
	37.0	77.7	77.7 ✓
	114.7	100.5	100.5
	112.3	178.2	178.2
	212.8	+0.03	+0.03
9 32.1		44.1	59 07
	295.9	95.1	95.1
	31.0	82.6	82.6 ✓
	32.4	177.7	177.7
	115.0	+0.04	+0.04
9 33.4	Able 13720	45.8	60 09
	209.0	88.4	88.4
	297.4	100.9	100.9 ✓
	293.0	189.3	189.3
	33.9	-0.17	-0.17
9 34.2		46.1	60 09
	116.0	94.3	94.3
	2103	80.7	80.7 ✓
	212.1	175.0	175.0
	3928	+0.09	+0.09

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

1907phae.proj.1243.

JD 7700.

May 4, 1907

9 35.6	Z.C. H065	H8.7	5T 29	
	62.2	22.6	22.6	
	84.8	28.2	28.2	✓
	149.0	50.8	50.8	
	177.2	+3.24	+3.24	
9 36.6		H9.2	5T 29	
	325.1	31.9	31.9	
	0.0	23.3	23.3	
	61.9	55.2	55.2	✓
	85.2	+3.05	+3.05	
9 37.9	Z.C. H150	H9.2	5T 47	
	337.7	30.6	30.6	
	268.3	36.0	36.0	✓
	326.0	66.6	66.6	
	2.0	+2.62	+2.62	
9 39.0		H9.8	5T H3	
	145.2	36.2	36.2	
	181.4	26.2	26.2	✓
	240.9	62.4	62.4	
	267.1	+2.77	+2.77	
9 40.3	Z.C. H212	50.0	5T 22	
	64.7	19.1	19.1	
	83.8	26.5	26.5	✓
	149.3	45.6	45.6	
	175.8	+3.48	+3.48	

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

1907phae.proj.1243.

~~D~~ 7700

May 4, 1907

9 41.3	26 4212	50.6	58 22	
	329.9	27.3	27.3	
	357.2	18.2	18.2	
	64.0	45.5	45.5	✓
	82.2	+3.48	+3.48	
9 42.5	26. 4332	50.5	58 26	
	232.9	37.2	37.2	
	270.1	47.7	47.7	✓
	320.4	84.9	84.9	
	8.1	+2.05	+2.05	
9 43.5		51.1	58 26	
	136.8	50.3	50.3	
	187.1	37.5	37.5	✓
	234.7	87.8	87.8	
	272.2	+1.97	+1.97	
9 44.6	26. 4332	51.9	58 26	
	57.0	33.0	33.0	
	90.0	47.9	47.9	✓
	141.7	80.9	80.9	
	189.6	+2.17	+2.17	
9 45.4		52.3	58 26	
	321.0	47.6	47.6	
	8.6	43.5	43.5	✓
	48.3	91.1	91.1	
	91.8	+1.88	+1.88	

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

1907phae..proj..1243..

AD 7700.

May 4, 1907

9 46.8	36. #212	54.1	58	22
	242.1	21.3	21.3	
	263.4	26.0	26.0	
	329.9	47.3	47.3	✓
	355.9	+3.40	+3.40	
9 47.8		54.7	58	22
	150.9	27.0	27.0	
	177.9	23.4	23.4	✓
	241.2	50.4	50.4	
	264.6	~~+3.24~~	+3.25	
9 49.5	36. 4150	55.7	58	41
	61.2	26.7	26.7	
	87.9	33.6	33.6	✓
	147.3	60.3	60.3	
	189	+2.85	+2.85	
9 50.4		56.2	58	41
	323.6	36.5	36.5	
	0.1	27.1	27.1	✓
	60.7	63.6	63.6	
	87.8	+2.73	+2.73	
9 52.0	36 #065	57.6	58	24
	240.0	25.9	25.9	
	265.9	28.6	28.6	✓
	329.7	54.5	54.5	
	358.3	+3.08	+3.08	

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

1907phae.proj.1243.

LD7700.

May 4, 1907

9	53.2	3 Gb 4065	58.0	58	24
		150.4	26.5	26.5	
		176.9	24.4	24.4	✓
		241.2	50.9	50.9	
		265.6	+3.24	+3.24	
9	55.3	AGb 13720	56.9	59	59
		90.2	81.8	81.8	
		112.0	98.2	98.2	
		112.8	180.0	180.0	✓
		211.0	0.00	0.00	
9	56.1		57.1	59	59
		293.0	106.3	106.3	
		39.3	86.7	86.7	
		27.0	193.0	193.0	✓
		113.7	-0.25	−0.25	
9	57.5	AGb 13714	57.9	56	56
		210.2	82.0	82.0	
		292.2	91.9	91.9	
		297.9	173.9	173.9	✓
		29.5	+0.11	+0.11	
9	58.3		58.2	56	56.
		114.1	96.0	96.0	
		210.1	88.4	88.4	✓
		205.9	184.4	184.4	
		294.3	-0.08	−0.08	

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

1907phae..proj..1243..

LD 77 00.

May 4, 1907

9 59.7	Abb. 13547	63.2	58 00
	40.3	63.9	63.9
	104.2	67.5	67.5 ✓
	129.7	131.4	131.4
	197.2	+0.95	+0.95
10 00.6		63.8	58 00
	306.9	73.0	73.0
	19.9	66.6	66.6
	41.2	139.6	139.6
	107.8	+0.78	+0.78 ✓
10 02.2	Abb. 13462	66.0	59 02
	199.8	99.5	99.5
	299.3	108.1	108.1
	291.1	207.6	207.6 ✓
	39.2	−0.53	−0.53
9 03.0		66.5	59 02
	107.3	113.0	113.0
	220.3	91.1	91.1 ✓
	205.0	204.1	204.1
	296.1	−0.46	−0.46
10 05.5	Abb. 13923	56.9	58 21
	29.2	84.6	84.6
	113.8	106.5	106.5 ✓
	111.2	191.1	191.1
	217.9	∓0.21	−0.21

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

1907phae.proj.1243.

HD 7700

May 4, 1907

10 06.3	A.Gb. 13923	57.2	58 21
	292.9	101.8	101.8
	34.7	88.3	88.3
	25.7	190.1	190.1
	114.0	−0.19	−0.19
10 07.8	A.Gb. 13925	58.0	57 ~~38~~
	206.9	93.1	93.1
	300.0	109.4	109.4
	28.5	202.5	202.5
	25.2	−0.43	−0.43
10 08.6		58.2	57 ~~38~~
	108.7	91.5	101.5
	210.2	86.9	86.9
	208.2	188.4	188.4
	295.1	~~−0.18~~	−0.16
10 10.3	A.Gb. 13947	58.2	59 31
	36.0	74.9	74.9
	110.9	104.5	104.5
	110.7	179.4	179.4
	215.2	+0.01	+0.01
10 11.1		58.9	59 31
	291.3	101.5	101.5
	32.8	82.1	82.1
	25.2	183.6	183.6
	117.3	−0.07	−0.07

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

1907phae.proj.1243.

LD 7700.

May 4, 1907

10 12.1	AGb 14035	37.9	59 29
	211.4	82.5	82.5
	293.9	94.7	94.7 ✓
	201.0	177.2	177.2
	35.7	+0.05	+0.05
10 12.9		57.2	59 29
	114.3	98.5	98.5
	212.8	74.7	74.7 ✓
	214.9	173.2	173.2
	289.6	+0.13	+0.13
10 14.7	AGb 13904	62.9	58 46
	47.7	50.7	50.7
	98.4	62.9	62.9 ✓
	133.0	113.6	113.6
	195.9	+1.34	+1.34
10 15.6		62.7	58 46
	311.8	59.1	59.1
	109	50.6	50.6
	47.7	109.7	109.7 ✓
	98.3	+1.42	+1.42
10 16.5	AGb 13928	62.7	58 47
	231.3	45.4	45.4 ✓
	276.7	55.9	55.9
	317.3	101.3	101.3
	13.2	+1.62	+1.62

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

1907phae.proj.1243.

AD 7700

May 4, 1907

10	17.4	α56 13928	63.1	58 46		
	7.6	137.9	59.3	5.1 / 58.0	59.3	32 / −14
	9.8	194.2	36.1		36.1	
	.52	233.9	95.4		95.4	
	196	270.0	+1.77		+1.77	
	490					
	5.1					
10	18.5	3h 571	638	58 33		
	7.7	56.9	32.4	5.6 / 58.2	32.4	20 / −13
	10.8	89.3	44.3		44.3	
	.52	140.7	76.7		76.7	
	216	185.0	+2.29		+2.29	
	540					
	5.6					
10	19.3		64.2	58 32		
		322.3	39.9		39.9	
		2.2	33.2		33.2	
		57.9	73.1		73.1	
		91.1	+2.41		+2.41	
10	20.7	3h. 821	631	58 19		
	11.0	241.6	24.1	5.1 / 58.0	24.1	7 / −12
	9.7	263.7	29.9		29.9	
	.53	326.9	54.0		54.0	
	291	356.8	+3.10		+3.10	
	485					
	5.1					
10	21.6		63.7	58 19		
		148.2	31.6		31.6	
		179.8	24.6		24.6	
		241.7	56.2		56.2	
		266.3	+3.01		+3.01	

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

1907phae.proj.1243.

LD 7700

May 4, 1907

10 22.6	26.821	64.2	58 19	
11.0	61.0	24.0 6.1 58.1	24.0	7
11.6	85.0	28.2	28.2	√2
.53	149.9	52.2	52.2	
3.48	178.1	+3.17	+3.17	
5.80				
6.1				
10 23.5		64.7	58 19	
	330.1	27.9	27.9	
	358.0	26.3	26.3	✓
	60.0	54.2	54.2	
	86.3	+3.09	+3.09	
10 24.9	26.571	67.2	58 38	
	236.7	34.1	34.1	
	270.8	44.0	44.0	
	320.1	78.1	78.1	✓
	4.1	+2.25	+2.25	
10 25.7		67.6	58 38	
	144.2	39.7	39.7	✓
	183.9	30.9	30.9	
	237.9	70.6	70.6	
	268.8	+2.49	+2.49	
10 26.5	26.13928	68.0	58 4/89	
	52.8	47.3	47.3	
	100.1	67.9	67.9	✓
	132.3	115.2	115.2	
	200.2	+1.30	+1.30	

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

1907phae.proj.1243.

ID 7700

May 4, 1907

10 9 27.5	139.28	68.2	58 49
	313.4	58.8	58.8
	12.2	40.3	40.3
	51.7	99.1	99.1
	92.0	+1.68	+1.68
10 9 28.6	Able 13904	69.1	58 51
	226.9	51.2	57.2
	278.1	66.0	66.0
	312.1	117.2	117.2
	18.1	+1.25	+1.25
9 10 29.5		69.5	58 51
	131.5	62.1	62.1
	193.9	52.6	52.6
	226.1	114.7	114.7
	278.7	+1.31	+1.31
10 31.5	Able 14038	68.2	59 36
	39.5	71.4	71.4
	111.2	88.2	88.2
	121.5	159.6	159.6
	210.0	+0.39	+0.39
10 32.4		68.7	59 36
	297.5	92.1	92.1
	29.9	75.6	75.6
	34.3	167.7	167.7
	109.9	+0.23	+0.23

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

1907phae..proj..1243.

LD 7700.

May 4, 1907

10 33.2	A. Ble. 13947	70.3	59 35
	210.8	83.4	83.4
	294.2	98.0	98.0
	290.8	181.4	181.4
	28.8	∓0.03	−0.03
10 34.1		70.7	59 35
	117.7	93.5	93.5
	211.2	84.6	84.6
	212.2	178.1	178.1
	296.8	+0.03	+0.03
10 36.0	A Ble 13925	73.8	57 49
	30.1	88.7	88.7
	118.8	102.6	102.6
	110.7	191.3	191.3
	213.3	∓0.21	−0.21
10 36.8		74.1	57 49
	291.0	103.7	103.7
	34.7	85.3	85.3
	28.6	189.0	189.0
	113.9	∓0.17	−0.17
10 37.5	A Ble. 13923	74.2	57 36
	207.4	87.4	87.4
	294.8	102.2	102.2
	292.9	189.6	189.6
	35.1	∓0.18	−0.18

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

1907phae.proj.1243.

Δ 7700.

May 4, 1907

10 38.5	a, Δ Lb. 13923	74.8	58 36
	116.0	~~74.8~~	101.2
	217.2	101.2	83.8
	211.0	83.8	185.0
	294.8	185.0	— 0.09
		∓0.09	
10 40.2	σ Oct.	55.9	90 39
	~~30.8~~	85.2	85.2
	116.0	109.8	109.8
	105.8	195.0	195.0
	215.6	∓0.29	— 0.29
10 41.1		55.9	90 39
	291.3	104.6	104.6
	35.9	84.8	84.8
	34.4	189.4	189.4
	119.2	∓0.18	— 0.18

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

1907phae.proj.1243.

D. 7831.

Thursday. September 12, 1907

Series 15

2 36.7	☌ Obs.	60.7	90 19	
	27.8	86.8	86.8	
	114.6	106.4	106.4	
	106.9	193.2	193.2	✓
	213.3	−0.25	−0.25	
2 57.7		60.7	90 19	
	291.2	103.0	103.0	
	34.2	88.4	88.4	
	28.6	191.4	191.4	✓
	117.0	−0.22	−0.22	
3 05.7	A.Lb. 2895	76.4	51 11	
2 38.3	201.1	108.0 17.0 59.4	108.0 20 +9	
27.4	309.1	110.1	110.1	
.62	286.1	218.1	218.1	✓
548	96.2	−0.74	−0.74	
1644				
17.0				
3 06.5		76.9	51 11	
	103.0	117.0	117.0	
	220.0	99.4	99.4	✓
	201.2	216.4	216.4	
	300.6	−0.70	−0.70	
3 09.2	A.Lb 3141 ~~3056~~	70.3	51 08	
	35.3	71.5	71.5	
	106.8	79.6	79.6	✓
	119.1	151.1	151.1	
	198.7	+0.55	+0.55	

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

1907phae.proj.1243.

40 ✓ HD 7831.

September 12, 1907

3 10.0 — A.G.C. 3141 — 71.1 — 51 08

	29.8	91.4	91.4 — 57 — 23 / +15
	26.2	65.0	65.0
	39.9	156.4	156.4 ✓
	104.9	+0.45	+0.45

3 19.1 — A.G.C. 3086 — 79.2 — 50 19

2	47.8	29.2	49.4 — 20.0 / 69.2 — 49.4 — 23 / +4
	31.3	97.6	66.4
	.64	30.8	115.8
	1252	13.2	115.8 ✓
	1878	827.8	+1.29
	20.0		+1.29

3 20.0 — 79.8 — 50 19

3.56	2	47.8	126.8	71.5 — 20.6 / 59.2 — 71.5 — 23 / +4	142.4 0.73
3.59		32.2	198.3	83.6	143.6 0.70
5.20		.64	200.4	155.1	208.0 −0.54
3.16		1288	284.0	155.1 ✓	126.4 1.05
		1932	809.5	+0.48	
		20.6		+0.48	

3 22.0 — Geb. II 1285 — 81.2 — 50 49

	60.1	26.8	26.8
	86.9	32.0	32.0 ✓
	146.2	58.8	58.8
	178.2	+2.91	+2.91
	471.4		
	831.4		

829.6
207.4
45.
252.4
162.4
72.4
342.4

3 23.2 — 81.9 — 50 49

	322.8	39.2	39.2 ✓
	2.0	24.7	24.7
	60.4	63.9	63.9
	85.1	+2.72	+2.72

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

1907phae.proj.1243.

LD 7831.

September 12, 1907

3 24.6 36. II 1310 81.9 50 47

2 47.9 238.8 35.0 23.1 58.8 35.0 50 44 +8

36.7 ,63 273.8 69.3 69.3

1101 300.4 104.3 104.3

2202 9.7 +1.55 +1.55

23.1

3 25.5 82.3 50 47

136.7 50.2 50.2 44

186.9 38.1 38.1

232.3 88.3 88.3

270.4 +1.96 +1.96

3 37.6 6291 -50° 866 87.6 50 19

2 57.1 63.1 19.2 27.8 59.8 19.2 10 -9

43.5 ,64 82.3 27.5 27.5

1740 150.2 46.7 46.7

2610 177.7 +3.42 +3.42

27.8

3 35.7 87.2

50 23

331.3 26.4 26.4

357.7 22.3 22.3

62.9 48.7 48.7

b 85.2 +3.33 +3.33

A.G.C. 3086, 7.1

3 40.0 A.G.C. 2898 7.0 92.5 50 49

2 58.3 a 47.8 b 225.8 58.3 58.3 a 54.2 58.3 51.20 a +81

61.7 52.2 284.1 65.4 65.4

.62 .64 310.0 123.7 123.7

1284 2088 15.4 +1.11 83.4 b +1.11 50 23 b

8702 3132 59.1 -26

58.3 33.4

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

1907phae.proj.1243.

D 7831.

A.G.C. 3086, T.I. September 12, 1907

3	40.9	A.G.C. ~~3086~~ 2898	92.9	50	49	
2	38.3 [a] 62.6 .62 12.52 37.56 38.8	47.8 [b] 53.1 .64 21.24 31.86 34.0	131.7 193.3 223.4 279.7	61.6 ~~88.5~~ 54.1 56.3 117.9 +1.24	~~58.9~~ 61.6 56.3 117.9 34.9 58.9 +1.24	51 ~~20~~ +31 [a] 3023 -26 [b]
3	42.5	A.G.C. 3141	92.2	51	50	
2	50.1 52.4 .62 10.48 31.44 32.5	28.8 108.4 120.0 211.0	79.6 82.5 91.0 59.7 170.6 +0.18	79.6 91.0 170.6 +0.18	23 -27	
3	43.5		92.7	51	50	
		298.0 29.9 28.9 108.0	~~91.9~~ 79.1 ~~161.0~~ 171.0 +0.17	91.9 79.1 171.0 +0.17		
3	44.9	A.G.C. 3086	96.9	50	59	
2	47.8 57.1 .64 22.84 34.26 36.5	227.8 278.8 314.1 17.2	51.0 36.5 60.4 63.1 114.1 +1.32	51.0 63.1 114.1 +1.32	23 -26	
3	45.7		97.3	51	59	
		128.3 198.1 217.7 281.1	69.8 63.4 133.2 +0.91	69.8 63.4 133.2 +0.91		

Region too far West to continue + plates very hazy
Series should probably be rejected

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

1907phae.proj.1243.

LD 783R.

Series i

Friday September 13, 1907

2	26.1	☐ Oct.	69.5	90 13	
		209.4	87.5	87.5	
		296.9	~~102.3~~	112.3	
		283.5	~~189.8~~	199.8	✓
		36.1	~~-0.19~~	-0.38	
2	27.0		60.7	90 13	
		109.6	106.6	106.6	
		216.2	97.1	97.1	
		199.9	203.7	203.7	✓
		297.0	~~-0.26~~	-0.45	
2	30.4	A.G.C. 2898	53.7	51 04	
		28.2	96.4	96.4	
		124.6	116.4	116.4	
		107.8	212.8	212.8	✓
		224.2	~~-0.43~~	-0.63	
2	31.3		54.2	51 03	
		287.9	115.94	115.9	
		43.5	103.7	104.7	
		17.2	220.6	220.6	✓
		121.9	-0.79	-0.79	
2	32.3	A.G.C. 3141	47.2	51 13	
		214.3	78.9	78.9	
		293.2	92.7	92.7	✓
		295.3	171.6	171.6	
		28.0	+0.16	+0.16	

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

1907phae.proj.1243.

D 7832.

September 13, 1907

2 33.5	A.Sb 3141	48.1	51 13
	113.8	91.4	91.4
	205.2	78.9	78.9
	212.8	170.3	170.3
	291.7	+0.18	+0.18
2 36.0	A.b.b 3086	51.0	50 10
	45.4	56.4	57.4
	102.8	66.4	66.4
	125.7	123.8	123.8
	192.1	+1.11	+1.11
2 36.9		51.7	50 10
	307.2	70.0	70.0
	17.2	50.4	50.4
	48.3	120.4	120.4
	98.7	+1.18	+1.18
2 38.7	36.II 1310	53.1	50 32
	232.9	40.8	40.8
	273.7	44.1	44.1
	322.0	~~88.9~~	84.9
	6.1	~~+1.94~~	+2.05
2 39.6		53.7	50 31
	139.1	48.3	48.3
	187.4	44.0	44.0
	230.8	92.3	92.3
	274.8	~~+1.85~~	+1.85

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

1907phae.proj.1243.

LD 7832.

September 13, 1907

3 41.1	Z 6. II 1285	55.0	50 31	
	62.8	24.2	24.2	
	87.0	33.5	33.5	
	145.7	57.7	57.7	✓
	179.2	+2.95	+2.95	
3 42.0		55.7	50 31	
	325.3	~~33.4~~	34.4	
	359.7	26.8	26.8	
	60.2	~~60.2~~	61.2	
	87.0	~~+2.85~~	+2.81	✓
3 44.9	6. DM -50° 866	55.0	49 54	
	242.9	21.1	21.1	
	264.0	27.8	27.8	
	329.4	48.9	48.9	✓
	357.2	+3.32	+3.32	
3 45.9		55.8	49 56	
	151.0	24.4	24.4	
	175.4	19.6	19.6	
	243.1	44.0	44.0	✓
	262.7	+3.56	+3.56	
2 47.2	A. G6. 3056	58.3	50 02	
	48.2	55.5	55.5	
	103.7	71.2	71.2	
	125.1	126.7	126.7	✓
	196.3	+1.05	+1.05	

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

1907phae.proj.1243.

HD 7832.

September 13, 1907

2 48.1	A.Bb 3086	58.9	50 03
	308.6	67.8	64.8
	16.4	57.6	57.6
	431	125.4	125.4
	100.7	+1.08	+1.08
2 49.4	A.Bb. 3141	58.3	51 06
	213.3	74.5	74.5
	287.8	102.2	102.2
	291.9	176.7	176.7
	34.1	+0.06	+0.06
2 50.3		58.8	51 06
	110.2	102.5	102.5
	212.7	78.6	78.6
	211.8	181.1	181.1
	290.4	-0.02	-0.02
2 51.6	A.Bb. 2898	67.7	51 03
	23.7	94.0	94.0
	117.7	109.5	109.5
	108.8	203.5	203.5
	218.3	-0.45	-0.45
2 52.5		68.1	51 03
	287.2	115.5	115.5
	42.7	105.8	105.8
	18.2	221.3	221.3
	124.0	-0.80	-0.80

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

1907phae.proj.1243.

LD 7832.

September 13, 1907

2 54.9	68 W -50°866	60.9	49 50
	243.2	20.7	20.7
	263.9	28.7	28.7
	330.3	49.4	49.4
	359.0	+3.30	+3.30
2 56.0		61.4	49 50
	150.2	27.0	27.0
	177.2	21.5	21.5
	241.3	48.5	48.5
	262.8	+3.34	+3.34
2 57.2	36 II 1285	65.7	50 29
	58.2	28.6	28.6
	86.8	30.7	30.7
	145.9	59.3	59.3
	176.6	+2.89	+2.89
2 58.2		66.3	50 29
	328.9	32.0	32.0
	0.9	24.5	24.5
	59.6	56.5	56.5
	84.1	+3.00	+3.00
2 59.2	36 II 1310	66.4	50 23
	234.7	39.7	39.7
	274.4	52.5	52.5
	317.1	92.2	92.2
	9.6	+1.86	+1.86

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

1907phae.proj.1243.

48 ✓ D 7882.

September 13 1907

3 00.0	Zb. II 1310	67.0	50 23
	138.7	47.5	47.5
	186.2	37.5	37.5
	230.4	85.0	85.0 ✓
	267.9	+2.05	+2.05
3 01.0	A.Zb. 3086	67.7	50 01
	46.3	52.4	52.4
	98.7	71.1	71.1 ✓
	123.8	123.5	123.5
	194.9	+1.12	+1.12
3 01.8		68.0	50 01
	308.0	68.8	68.8
	16.8	~~52.7~~	52.9 ✓
	47.4	~~121.5~~	121.7
	100.3	+1.16	+1.16
3 030	A.Zb. 3141	67.3	51 06
	211.7	77.4	77.4
	289.1	96.5	96.5 ✓
	295.8	173.9	173.9
	32.3	+0.11	+0.11
3 03.9		67.9	51 06
	117.9	85.8	85.8
	203.7	78.3	78.3 ✓
	213.9	164.1	164.1
	292.2	+0.30	+0.30

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

1907phae..proj..1243.

LD 7832.

Sept. 13, 1907

3 04.9	A.G.C. 2898	76.2	51 11
	18.0	105.8	105.8
	123.8	112.1	112.1
	106.1	217.9	217.9
	218.2	-0.73	-0,73
3 05.8		76.8	51 11
	294.3	116.8	116.8
	41.1	103.4	103.4
	18.7	220.2	220.2
	122.1	-0.78	-0,78
3 07.5	δ Oct.	60.8	90 14
	208.8	88.3	88.3
	297.1	~~88.9~~	98.9
	290.7	~~+77.2~~	187.2
	296	~~+0.05~~	-0.14
3 08.4		60.8	90 14
	111.3	107.7	107.7
	219.0	94.5	94.5
	203.3	202.2	202.2
	297.8	-0.42	-0.42
3 39.0	A.G.C. 5087	91.1	37 29
	229.2	51.8	51.8
	281.0	63.2	63.2
	314.1	115.0	115.0
	17.3	+1.30	+1.30

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

1907phae.proj.1243.

50 ✓ A D 7832. Sept

Sept. 13, 1907

3 40.0	A Sb 5087	21.9	37 29
	133.7	61.4	61.4
	195.1	52.5	52.5
	226.6	113.9	113.9
	279.1	+1.33	+1.33
3 41.2	A Sb. 5313	14.0	38 00
	15.2	110.9	110.9 (?)
	126.1	~~+19.0~~	119.0
	202.0	~~229.9~~	2 ×29.9
	3² 221.0	~~-0.98~~	~~+~~ 0.98
3 42.5		15.0	#35 00
	281.3	~~113.9~~	123.9
	41.2	116.5	116.5
	13.4	~~230.4~~	240.4
	129.9	~~-0.99~~	-1.20
3 44.0	A. Sb. 5315	16.1	38 21
	219.7	68.3	68.3
	288.0	71.0	71.0
	307.0	139.3	139.3
	18.0	+0.79	+0.79
3 44.7		16.6	35 21
	124.6	75.7	75.7
	200.3	64.3	64.3
	218.0	140.0	140.0
	282.3	+0.77	+0.77

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

1907phae.proj.1243.

HD 7832.

Sept 13 1907

346.2	a b c G. 36. 5283	19.9	39 31
	51.6	47.2	47.2
	98.8	52.9	52.9
	135.2	100.1	100.1
	188.1	+1.65	+1.65
347.8		20.9	39 31
	318.4	52.9	52.9
	11.3	54.5	54.5
	46.3	107.4	107.4
	100.8	+1.48	+1.48
347.8	a b c 36. 5300	21.4	40 18
	231.2	41.7	41.7
	272.9	45.3	45.3
	321.0	87.0	87.0
	63	+2.00	+2.00
348.6		21.9	40 18
	139.1	48.1	48.1
	187.2	41.0	41.0
	55.1	89.1	89.1
	96.1	+1.94	+1.94
350.2	a b c 36. 5332	21.3	39 26
	234.9	35.3	35.3
	270.2	29.3	29.3
	328.0	64.6	64.6
	357.3	+2.69	+2.69

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

1907phae.proj.1243.

AD 7832.

September 13, 1907

3 51.2	A. Bb. 5332	222	39 26
	146.2	33.7	33.7
	179.9	32.0	32.0
	236.0	65.7	65.7
	268.0	+2.65	+2.65
3 52.3	36 IV 1271	233	39 08
	58.2	31.6	31.6
	89.8	39.3	39.3
	144.8	70.9	70.9
	184.1	+2.48	+2.48
3 53.2		24.2	39 08
	324.9	37.3	37.3
	2.2	31.9	31.9
	55.2	69.2	69.2
	87.1	+2.53	+2.53
3 54.6	36 IV 1157	273	38 38
	240.4	23.2	23.2
	263.6	30.0	30.0
	327.1		
	~~330.9~~	53.2	53.2
	357.1	+3.13	+3.13
3 55.9		28.3	38 38
	148.8	26.5	26.5
	175.3	24.9	28.9
	241.9	51.4	49.4
	266.8	+3.21	51 +3.21

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

1907phae.proj.1243.

LD 7832.

Sept 13, 1907

3 58.4	A.G.C. 5315	27.7	38 00
	38.2	76.4	76.4
	114.6	76.4	76.4
	125.7	152.8	152.8
	202.1	+0.52	+0.52
3 59.2		28.1	38 00
	305.1	75.2	75.2
	20.3	65.7	65.7
	37.6	140.9	140.9
	103.3	+0.76	+0.76
4 00.2	A.G.C. 5313	28.9	37 31
	192.4	112.4	112.4
	304.8	121.3	121.3
	283.4	233.7	233.7
	44.7	−1.06	−1.06
4 01.9		29.4	37 31
	101.2	118.7	118.7
	219.9	112.3	112.3
	196.8	231.0	231.0
	309.1	−1.00	−1.00
4 02.6	A.G.C. 5087	39.8	37 01
	47.2	55.5	55.5
	102.7	57.0	57.0
	134.4	112.5	112.5
	191.4	+1.36	+1.36

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

1907phae.proj.1243.

54

AD 7832.

Sept 13 1907

4 033	a. Sb 5087	40.6	37 01
	315.3	53.0	53.0
	8.3	48.6	48.6
	47.8	101.6	101.6
	96.4	+1.62	+1.62
4 05.3	Zb. 1157	36.0	38 20
	240.8	24.5	24.5
	265.3	26.7	26.7
	330.3	51.2	51.2
	357.0	+3.22	+3.22
4 06.3		36.7	38 20
	149.3	28.8	28.8
	178.1	23.7	23.7
	240.4	52.5	52.5
	264.1	+3.16	+3.16
4 07.5	Zb. 1271	353	38 37 47
	59.1	29.0	29.0
	88.1	44.9	44.9
	141.8	73.9	73.9
	186.7	+2.38	+2.38
4 08.3		36.0	38 48
	327.0	39.6	39.6
	2.6	28.4	28.4
	59.0	68.0	68.0
	87.4	+2.57	+2.57

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

1907phae.proj.1243.

LD 7832.

Sept. 13, 1907

4 09.6	A.G.C. 5332	36.6	39 00
	236.2	32.5	32.5
	268.7	33.8	33.8
	326.6°	66.3	66.3
	359.8	+2.63	+2.63
4 10.4		37.0	39 00
	146.0	32.9	32.9
	178.9	33.1	33.1
	236.9	66.0	66.0
	270.0	+2.64	+2.64
4 11.6	A.G.C. 5300	39.6	39 41
	54.3	40.6	40.6
	94.9	53.6	53.6
	134.6	94.2	94.2
	188.2	+1.80	+1,80
		40.2	
4 12.4			39 41
	320.1	50.0	50.0
	10.1	35.3	35.3
	52.6	85.3	85.3
	88.1	+2.04	+2.04
4 13.3	A.G.C. 3283	41.3	39 52
	228.4	54.7	54.7
	2931	45.9	55.9
	3137	100.6	110.6
	9.6	+1.64	+1,40

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

1907phae.proj.1243.

LD 7832

Sept. 13 1907

4 04.0	A.Bk. 5283	42.1	39 52
	134.2	61.6	61.6
	195.8	50.3	50.3
	330.3	111.9	111.9
	250.6	+1.37	+1.37
4 05.1	A.Bk. 5315	40.9	37 41
	39.4	66.8	66.8
	106.2	79.5	79.5
	124.3	146.3	146.3
	203.5	+0.65	+0.65
4 16.7		41.7	37 41
	306.7	77.0	77.0
	23.7	67.5	67.5
	40.7	144.5	144.5
	108.2	+0.68	+0.68
4 17.0	A.Bk. 5313	42.3	37 11
	192.6	114.6	114.6
	307.2	115.0	115.0
	289.2	229.6	229.6
	44.2	-0.97	-0.97
4 17.9		43.2	37 11
	105.2	109.9	109.9
	215.1	115.8	115.8
	190.4	225.7	225.7
	306.2	-0.89	-0.89

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

1907phae.proj.1243.

AD 7832.

Sept 13, 1907

4 18.8	A.G.C. 5087	52.9	36 49
	48.7	50.1	50.1
	98.8	53.5	53.5
	133.2	103.6	103.6
	186.7	+1.57	+1.57
4 19.3		53.3	36 49
	315.2	58.1	58.1
	13.3	51.4	51.4
	45.9	109.5	109.5
	97.3	+1.43	+1.43
4 21.0	ζ Cet.	60.1	90 23
	208.2	89.8	89.8
	298.0	107.1	107.1
	288.1	196.9	196.9
	35.2	-0.32	-0.32
4 21.7		60.1	90 23
	116.0	99.3	99.3
	215.3	88.8	88.8
	206.0	188.1	188.1
	294.8	-0.15	-0.15

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

1907phae.proj.1243.

D 7835.

Series 5 Monday September 16, 1907

2 41.2		60.5	90 12	
	213.1			
	46.7	79.2	79.2	
	292.3	108.1	104.1	
	291.8	187.3	183	
	39.9	−0.14	−0.14	
2 41.3		60.5	90 12	
	113.1	101.7	101.7	
	214.8	84.3	84.3	
	210.5	186.0	186.0	
	295.1	−0.11	−0.11	
2 44.7	D Sb. 2598	62.9	51 02	
	26.0	101.0	101.0	
	127.0	121.4	121.4	
	100.9	222.4	222.4	
	222.3	−0.82	−0.82	
2 45.4		63.7	51 02	
	286.4	116.8	116.8	
	43.2	109.9	109.9	
	18.0	226.7	226.7	
	127.9	−0.91	−0.91	
2 46.5	D Sb. 3141	56.5	51 02	
	210.5	83.9	83.9	
	294.7	95.0	95.0	
	293.1	178.9	178.9	
	28.1	+0.02	+0.02	

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

1907phae..proj..1243.

AD 7835.

Sept. 16, 1907

2 47.5	A.S.6 3141	57.2	51 02
	114.2	96.0	96.0
	210.2	77.6	77.6
	209.1	173.6	173.6 ✓
	286.7	+0.12	+0.12
2 ~~47.2~~ 52.2	A.S.6. 3086	61.5 ~~57~~	50 03
	50.4	45.0	45.0
	95.4	73.8	73.8 ✓
	128.4	118.8	118.8
	202.2	+1.22	+1.22
2 53.2		62.1	50 03
	310.4	72.6	72.6
	230	48.8	48.8 ✓
	48.2	121.4	121.4
	97.0	+1.16	+1.16
2 53.4	3b II 1310	62.9	50 28
	230.8	40.6	40.6
	271.4	52.1	52.1 ✓
	316.3	92.7	92.7
	8.4	+1.84	+1.84
2 54.5		63.3	50 27
	139.0	52.7	52.7 ✓
	191.7	36.9	36.9
	235.9	89.6	89.6
	272.8	+1.92	+1.92

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

1907phae.proj.1243.

LD 7835

Sept. 16, 1907

2 55.6	36 II 1285	64.9	50 31
	62.3	22.7	22.7
	85.0	35.5	35.5
	144.1	58.2	58.2
	179.6	+2.93	+2.93
2 56.4		65.3	50 31
	325.9	33.3	33.3
	359.2	24.5	24.5
	62.7	57.8	57.8
	87.2	+2.94	+2.94
2 57.7	36 BM-50° 866	63.4	49 51
	241.0	23.7	23.7
	264.7	27.8	27.8
	330.4	51.5	51.5
	358.2	+3.21	+3.21
2 58.7		64.1	49 49
	151.2	27.6	27.6
	178.8	21.0	21.0
	292.0	48.6	48.6
	264.0	+3.33	+3.33

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

1907phae..prof..1243.

HD 78365.

Sept. 16, 1907

2	59.8	A. Lb. 3086	67.2	50	04
		47.9	53.7	53.7	
		101.6	68.3	68.3	
		129.7	122.0	122.0	
		198.0	+1.15	+1.15	
3	00.7.		67.7	50	04
		310.8	66.4	66.4	
		17.2	54.1	54.1	
		42.8	120.5	120.5	
		96.9	+1.18	+1.18	
3	01.9	A. Lb. 3141	66.9	54	04
		216.3	~~74.1~~	75.1	
		291.4	93.9	93.9	
		297.4	~~168.0~~	169.0	
		31.3	~~+0.23~~	+0.21	
3	02.		67.3	54	04
		115.7	95.7	95.7	
		211.4	~~45.9~~	75.9	
		213.8	171.6	171.6	
		289.7	+0.16	+0.16	
3	03.5	A Lb. 2898	75.3	51	09
		30.8	~~85.6~~	95.6	
		126.4	113.6	113.6	
		103.2	~~+99.2~~	209.2	
		216.8	~~−0.37~~	−0.56	

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

1907phae.proj.1243.

JD 7835.

Feb. 16, 1907

3 04.4	A.S6. 2998	75.9	31 09
	289.8	114.4	114.4
	44.2	99.1	99.1
	25.1	213.5	213.5
	124.2	−0.64	−0.64
3 06.1	6.99N-50°866	68.7	49 57
	244.6	~~+8.3~~	19.3
	263.9	27.4	27.4
	328.8	~~45.7~~	46.7
	356.2	~~+3.47~~	+3.42
3 07.0		69.1	49 57
	148.6	27.3	27.3
	175.9	20.7	20.7
	243.3	48.0	48.0
	264.0	+3.36	+3.36
3 08.0	36 II 1285	72.1	50 39
	58.9	26.4	26.4
	85.3	~~40.0~~	40.0
	1382?	~~66.4~~	66.4
1582	178.2	+2.63	+2.63
3 08.8		72.6	50 39
	327.3	~~21.7~~	31.7
	359.0	23.4	23.4
	61.9	~~45.1~~	55.1
	85.3	~~+3.50~~	+3.05
		+3.05	

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

1907phae..proj..1243.

LD 7835.

September 16, 1907

3 10.0	3Lb. II 1310	72.9		50	33
	235.6	35.1		35.1	
	270.7	48.2		48.2	
	319.0	83.3		83.3	
	7.2	+2.10		+2.10	
3 10.8		93.3		50	33
	140.8	48.1		48.1	
	188.9	45.1		45.1	
	237.6	93.2		93.2	
	272.7	+1.83		+1.83	
3 11.4	A. Lb. 3086	74.4		50	13
	49.6	45.6		45.6	
	95.2	68.8		68.8	
	126.2	114.4		114.4	
	195.0	+1.32		+1.32	
3 12.2		75.0		50	13
	306.1	67.2		67.2	
	133	46.1		46.1	
	48.2	113.3		113.3	
	94.3	+1.34		+1.34	
3 13.6	A. Lb. 3141	73.9		51	17
	214.7	77.2		77.2	
	291.9	103.8		103.8	
	294.0	181.0		181.0	
	37.8	−0.02		−0.02	

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

1907phae.proj.1243.

LD 7835

Sept. 16, 1907

3 14.3	A. Gl. 3141	74.6	51	17
	109.0	95.8	95.8	
	204.8	82.0	82.0	
	213.0	177.8	177.8	
	295.0	+0.04	+0.04	
3 15.2	A. Gl. 2896	82.0	51	26
	94.1	98.8	98.8	
	122.9	111.1	111.1	
	104.7	209.9	209.9	
	215.8	−0.57	−0.57	
3 16.8		82.3	51	24
	285.7	115.2	115.2	
	40.9	100.5	100.5	
	24.9	215.7	215.7	
	125.4	−0.69	−0.69	
3 17.6	~~A~~ O Gt.	60.7	90	19
	215.7	82.3	82.3	
	298.0	109.9	109.9	
	283.4	192.2	192.2	
	33.3	−0.23	−0.23	
3 18.3		60.7	90	19
	109.9	105.4	105.4	
	215.3	83.9	83.9	
	210.3	189.3	189.3	
	294.2	−0.17	−0.17	

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

1907phae..proj..1243.

LD 7835.

Sept. 16, 1907

3 29.9	A.G.C. 5087	13.7	37 41		
H 26.4	48.7	44.5 − 45.2 / 58.9	44.5	9	
56.5	93.2	56.1	56.1	−82	✓
.80	133.7	100.6	100.6		
45200	189.8	+1.64	+1.64		
3 30.8		14.2	37 41		
	311.3	62.8	62.8		
	14.1	46.7	46.7		
	51.4	109.5	109.5		
	98.1	+1.43	+1.43		
3 32.0	A.G.C. 5313	6.2	38 17		
37.6	194.2	117.0 51.8 / 58.0	117.0	−37 23	
65.6	311.2	121.0	121.0	−55	✓
.79	282.3	238.0	238.0		
5904	43.3	−1.15	−1.15		
4592					
51.8					
3 32.8		6.9	38 18		
	98.3	123.4	123.4		
	221.7	114.1	114.1		✓
	193.8	237.5	237.5		
	307.9	−1.14	−1.14		
3 34.2	A.G.C. 5315	8.3	38 43		✓
	37.7	64.5	64.5	−37 51	
	102.2	82.7	82.7	−52	
	122.2	147.2	147.2		
	204.9	+0.63	+0.63		

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

1907phae.proj.1243.

LD 7835

Sept. 16, 1907

3 35.0	A.Gb 5315	9.3	3/8	#3
	311.0	75.2	75.2	
	26.2	61.2	61.2	
	42.0	136.4	136.4	
	1032	+0.85	+0.85	
3 36.3	A.Gb. 5283	12.7	39 47	
	299.2	51.1	51.1	
	280.3	53.1	53.1	
	316.7	104.2	104.2	
	9.8	+1.55	+1.55	
3 37.2		13.2	39 46	
	136.1	55.2	55.2	
	191.3	51.3	51.3	
	223.1	106.5	106.5	
	274.4	+1.50	+1.50	
3 38.1	A.Gb. 5300	139	40 32	
	51.4	38.8	38.8	
	90.2	51.1	51.1	
	136.9	89.9	89.9	
	188.0	+1.92	+1.92	
3 38.9		14.3	40 32	
	319.8	45.8	45.8	
	5.6	41.4	41.4	
	53.6	87.2	87.2	
	95.2	+1.99	+1.99	

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

1907phae..proj..1243.

D 7835.

Sept. 16, 1907

3 40.0	A.Gb. 5332	137	39 51
	238.4	32.7	32.7
	271.1	40.1	40.1
	323.8	72.8	72.8 ✓
	3.9	+2.42	+2.42
3 40.7		14.1	39 51
	142.8	38.4	38.4
	181.2	34.3	34.3
	235.0	72.7	72.7 ✓
	269.3	+2.42	+2.42
3 41.8	3b. ~~IV~~ 1271	15.0	39 22
	57.7	29.4	29.4
	87.1	34.0	34.0
	147.2	63.4	63.4 ✓
	181.2	+2.73	+2.73
3 42.8		15.8	39 21
	324.2	39.8	39.8
	4.0	30.6	30.6
	57.0	70.4	70.4 ✓
	87.6	+2.49	+2.49
3 44.2	3b ~~IV~~ 157	14.3	38 51
	240.6	23.3	23.3
	3639	29.2	29.2
	3280	52.5	52.5 ✓
	357.2	+3.16	+3.16

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

1907phae.proj.1243.

LD 7830;

Sept. 16, 1907

3 45.3	Lb 1157	20.3	38 51	
	148.7	27.3	27.3	
	176.0	21.7	21.7	✓
	242.0	49.0	49.0	
	263.7	+3.32	+3.32	
3 46.6	A.Lb 5315	18.0	38 13	
	38.8	61.5	61.5	
	100.3	76.5	76.5	
	124.1	138.0	138.0	✓
	200.6	+0.81	+0.81	
3 47.3		18.7	38 13	
	306.8	73.1	73.1	
	19.9	65.1	65.1	
	42.7	138.2	138.2	✓
	107.8	+0.81	+0.81	
3 48.1	A.Lb. 5313	19.2	37 47	
	201.2	105.0	105.0	✓
	306.2	128.9	128.9	
	360.1	233.9	233.9	
	49.0	−1.06	−1.06	
3 48.9		20.2	37 47	
	99.0	124.3	124.3	
	223.3	105.2	105.2	✓
	250.1	229.5	229.5	
	305.3	−0.97	−0.97	

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

1907phae.proj.1243.

LD 7835.

Sept 16, 1907

3 50.9 A. Bb. 5087 30.4 37 11

H	26.4	226.3	54.4	28.4 / 58.8	54.4	9 / −2
	35.5	280.7	63.6		63.6	
	.80	309.3	118.0		118.0	
	28.400	12.9	+1.24		+1.24	

3 51.5 31.0 37 11

	133.1	59.3	59.3	881.7
	192.4	~~55.0~~	56.0	207.9
	222.3	~~114.3~~	115.3	45
	278.3	~~+1.32~~	+1.30	252.9
	826.1			342.9
				162.9
				72.9

3 53.2 36. IV 1157 26.2 38 38

14.7	H	34.5	238.2	26.6	32.2 / 58.4	26.6	25 / −13	836.1 58.8 2.91
11.9		H1.3	264.8	36.7		36.7		209.0 47.6 3.88
14.8		.78	326.1	63.3		63.3		45
21.9		3304	4.8	+2.74		+2.74		254.0 59.2 2.89
		2891	835.9					344.0
		32.2						164.0 87.6 1.98
								74.0

3 54.0 27.0 38 38

15.6	H	34.5	148.4	27.6	~~89.4~~ 64	27.6	62.4 2.77
12.0		~~40~~ .5	176.0	25.1	81.6	25.1	48.0 3.36
10.1		.78	243.9	52.7	58.6	52.7	40.4 3.75
15.0		~~32~~ 40	269.0	+3.15		+3.15	60.0 2.86
		~~28~~ 35	837.3				
		~~39.4~~					
		31.6					

3 55.4 36 IV 1271 25.8 39 00

	H	37.9	57.1	34.8	33.2 / 59.0	34.8 −38	47 / −13
		42.5	91.9	34.9		34.9	
		.78	146.2	69.7		69.7	
		3400	181.1	+2.52		+2.52	
		2975	476.3				
		33.2	886.2				

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

1907phae.proj.1243.

LD 7835.

Sept. 16, 1907

3 56.2	36 1271	26.2	39 00	
	327.0	33.3	33.3	
	0.3	28.9	28.9	
	59.2	62.2	62.2	✓
	86.1	+2.78	+2.78	
3 57.0	A.B.6. 5332	26.7	39 11	
	235.7	33.3	33.3	
	269.0	35.6	35.6	
	324.4	68.9	68.9	✓
	0.0	+2.54	+2.54	
3 57.7		27.0	39 11	
	145.0	33.3	33.3	
	178.3	36.6	36.6	
	234.1	69.9	69.9	✓
	270.7	+2.51	+2.51	
3 58.5	A.B.6. 5300	29.3	39 53	
	53.3	39.8	39.8	
	93.1	49.8	49.8	
	139.4	89.6	89.6	✓
	189.2	+1.92	+1.92	
3 59.2				
		29.8	39 54	
	318.3	48.9	48.9	
	7.2	38.4	38.4	
	54.8	87.3	87.3	✓
	93.2	+1.99	+1.99	

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

1907phae..proj..1243.

HD 78385.

Sept. 16, 1907

4 00.2	A. Bb. 5283	31.1	39 04
	229.6	51.5	51.5
	281.1	66.1	66.1
	312.2	117.6	117.6 ✓
	18.3	+1.25	+1.25
4 01.9		31.8	39 04
	134.1	56.8	56.8
	190.9	42.1	42.1
	233.1	98.9	98.9 ✓
	275.2	+1.68	+1.68
4 02.2	A. Bb. 5315	30.7	39 57
	41.9	55.4	55.4
	97.3	79.9	79.9
	122.9	135.3	135.3 ✓
	202.8	+0.87	+0.87
4 03.8		31.2	39 57
	307.1	73.1	73.1
	20.2	61.2	61.2 ✓
	42.9	134.3	134.3
	104.1	+0.89	+0.89
4 04.7	A. Bb 5313	31.6	37 23
	199.0	105.9	105.9
	304.9	118.1	118.1
	283.9	224.0	224.0
	42.0	−0.86	−0.86

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

1907phae.proj.1243.

JD 7835.

Sept 16, 1907

4 04.6	A. Sh 5313	32.7	37 23
	97.8	123.9	123.9
	221.7	123.7	123.7
	189.7	247.6	247.6 ✓
	313.4	−1.36	−1.36
4 06.7	A. Sh. 5087	43.4	36 59
	50.9	48.2	48.2
	99.1	61.3	61.3
	131.0	109.5	109.5 ✓
	192.3	+1.43	+1.43
4 07.4		44.1	36 59
	317.4	59.5	59.5
	16.9	48.1	48.1
	49.3	107.6	107.6 ✓
	97.4	+1.47	+1.47
4 09.5	J Gött.	60.3	90 27
	207.2	84.6	84.6
	291.8	106.6	106.6
	293.3	191.2	191.2 ✓
	39.9	−0.21	−0,21
4 10.2		60.3	90 27
	112.0	101.0	101.0
	213.0	88.1	88.1
	209.6	189.1	189.1 ✓
	297.7	−0.17	−0.17

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

1907phae.proj.1243.

D 7836.

Series K 5

Tuesday Sept 17, 1907

2 43.2	J Oct	60.9	90	13
	31.9	83.9	83.9	
	115.8	106.5	106.5	
	108.2	190.4	190.4	
	214.7	-0.20	-0.20	
2 44.0		60.9	90	13
	289.2	105.0	105.0	
	34.2	81.9	81.9	
	32.0	186.9	186.9	
	113.9	-0.13	-0.13	
2 45.9	A Gl. 2598	64.0 ~~60.~~	51	04
	197.0	103.8	103.8	
	300.8	119.4	119.4	
	280.2	223.2	223.2	
	39.6	-0.84	-0.84	
2 46.7		64.4	51	03
	112.2	~~104.9~~	103.9	
	216.1	99.8	99.8	
	204.1	~~204.7~~	203.7	
	303.9	~~-0.47~~	-0.45	
2 47.8	A Gl. 3141	57.7	51	08
	30.3	82.6	82.6	
	112.9	97.2	98.2	
	111.6	180.8	180.8	
	209.8	-0.02	-0.02	

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

1907phae.proj.1243.

HD 7836. Sept

Sept 17, 1907

2 48.7	A.Gl. 3141	58.2	51 05
	295.2	91.7	91.7
	29.9	72.0	72.0
	35.6	163.7	163.7
	107.8	+0.31	+0.31
2 51.3	a. Gl. 3086	61.0	50 05
	227.7	57.3	57.3
	285.0	73.8	73.8
	304.4	131.1	131.1
	18.2	+0.96	+0.96
2 52.1		61.6	50 05
	125.2	73.5	73.5
	198.7	55.8	55.8
	224.2	129.3	129.3
	280.0	+0.99	+0.99
2 53.2	Gl. II 1310	62.2	50 26
	54.0	39.1	39.1
	93.1	51.1	51.1
	137.6	90.2	90.2
	188.7	+1.91	+1.91
2 54.0		62.9	50 27
	319.0	53.7	53.7
	12.7	37.1	37.1
	56.2	90.8	90.8
	93.3	+1.89	+1.89

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

1907phae.proj.1243.

LD 7836.

Sept 17, 1907

2 55.0	Lb II 1285	64.4	50	31
	~~98~~ 238.9	26.3	26.3	
	265.2	36.8	36.8	
	328.0	63.1	63.1	✓
	4.8	+2.74	+2.74	
2 56.0		65.1	50	31
	148.9	32.2	32.2	
	181.1	25.9	25.9	
	238.3	58.1	58.1	✓
	264.2	+2.93	+2.93	
2 57.7	LDM-50° 866	62.2	49	51
	63.6	49.2	20.2	
	83.8	32.7	32.7	
	149.0	52.9	52.9	✓
	181.7	+3.14	+3.14	
2 58.8		63.9	49	51
	329.9	27.1	27.1	
	357.0	19.6	19.6	
	63.3	46.7	46.7	✓
	82.9	+3.42	+3.42	
3 00.1	A.Lb. 3086	67.3	50	06
	227.7	49.3	49.3	
	277.0	70.6	70.6	
	302.8	119.9	119.9	✓
	13.4	+1.19	+1.19	

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

1907phae.proj.1243.

Δ 7836.

Sept. 17, 1907

3 01.0	A.Gb 3086	67.8	−50 06
	125.6	69.7	69.7
	198.3	56.0	56.0
	222.0	125.7	125.7
	278.0	+1.07	+1.07
3 02.2	A.Gb. 3141	66.9	50 07
	36.9	72.5	72.5
	109.4	86.0	84.0
	119.0	156.5	156.5
	203.0	+0.45	+0.45
3 03.0		67.6	51 07
	296.6	96.4	96.4
	33.0	80.1	80.1
	31.9	176.5	176.5
	112.0	+0.06	+0.06
3 04.1	A.Gb. 2898	75.8	51 11
	198.8	103.0	103.0
	301.8	111.0	111.0
	285.7	214.0	214.0
	36.7	−0.65	−0.65
3 04.9		76.1	51 11
	103.9	113.9	113.9
	217.8	98.4	98.4
	197.9	212.3	212.3
	296.3	−0.62	−0.62

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

1907phae.proj.1243.

LD 7836.

Sept 17, 1907

3 ~~06~~ 07.3	60 W - 50° 766	~~70.8~~ 69.3	49 53	
	242.4 ~~41.7~~	21.2	21.2	
	263.6	29.6	29.6	✓
	329.4	50.8	50.8	
	359.0	+3.24	+3,24	
3 08.2		70.0	49 52	
	150.8	23.5	23.5	
	174.3	24.8	24.8	✓
	241.0	48.3	48.3	
	265.8	+3.35	+3.35	
3 09.4	36 II 1285	73.2	50 38	
	62.6	24.6	24.6	+9 +11
	87.2	35.3	35.3	✓
	143.8	59.9	59.9	
	179.1	+2.86	+2.86	
3 10.5		74.4	50 40	
	326.9	34.4	34.4	✓
	1.3	23.2	23.2	
	60.8	57.6	57.6	
	84.0	+2.95	+2.95	
3 11.6	36 II 1310	74.6	50 31	
	232.6	41.4	41.4	✓
	274.0	51.7	51.7	
	320.2	~~92.1~~	93.1	
	11.9	~~+1.86~~	+1,83	

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

1907phae.proj.1243.

JD 7836.

Sept 17, 1907

3 12.4	3 Leo II 1310	~~+38.0~~ 75.1	~~75.1~~	50	31
2 47.9	138.0	51.8 15.4 / 59.7	51.8		44 / +18
24.5	189.8	35.9	35.9		
.63	237.3	87.7	87.7		✓
735	273.2	+1.98	+1.98		
1470					
15.4					
3 13.8	α Leo 3086	76.1	~~75~~	50	19
2 47.8	33.7	79.7 166 / 59.5	79.7		23 / +4
26.0	113.4	99.8	99.8		✓
.64	116.4	179.5	9.5 / 89		
1040	216.2	+0.01	See note on page 79		
1560			+0.01		
16.6					
3 14.7		77.0	50	19	
	293.9	98.2	98.2		
	32.1	77.9	77.9		✓
	34.2	176.1	176.1		
	112.1	+0.07	+0.04		
3 16.0	α Leo 3141	75.7	51	18	
2 50.0	203.7	98.4 16.1 / 59.6	98.4		23 / +5
26.0	302.1	117.2	117.2		✓
.62	286.0	215.6	215.6		
520	43.2	−0.69	−0.69		
1560					
16.1					
3 16.7		76.6	51	18	
	109.8	112.2	112.2		
	221.2	91.3	9 / See no 1.3		
	207.1	203.5	203.5		✓
	298.4	−0.45	−0.45		

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

1907phae.proj.1243.

HD 7836.

Sept.

3 17.9	A. Gb 2898		83.7	5 1 27	
2 38.3		15.8	182.9 246	112.9 20	
39.6		125.7	59.1 140.0	140.0 -7	
.62		92.8	252.9	252.9 See note on page 79	✓
792		232.8	-1.49	-1.49	
2376					
24.6					
3 18.6			84.3	5 1 28	
		276.1	140.3	140.3	
		56.4	112.2	112.2	
		19.7	252.5	252.5	✓
		131.9	-1.48	-1.48	
3 20.2	♂ Oct.		60.4	90 19	✓
		196.0	116.4	116.4	Strong star
		312.4	130.4	130.4 The star measured in the ~~movable~~ polar	
		280.3	246.8	246.8 mirror was not ♂ Oct. but the	
		50.7	-1.34	-1.34 other bright star near it.	
3 21.0			60.6	90 19	
		95.2	123.9	123.9	
		222.1	105.8	105.8	✓
		193.2	229.7	229.7	
		309.0	-0.97	-0.97	
3 ~~30.2~~ 32.7	A. Gb. ~~5313~~ 5087		~~43.9~~ 15.3	37 ~~40~~ 37	
4 26.4		48.4 ~~36.3~~	46.6 48.0 58.3	46.6	9 28 ✓
53.7		95.0 ~~116.8~~	~~53.9~~	63.9	
.80		133.9 ~~204~~	~~100.5~~	110.5	
42960		197.8 ~~207.1~~	~~+7.64~~	+1.41	

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

1907phae.proj.1243.

LD 7836

Sept 17, 1907

3 ~~31.3~~ 33.7	A.G.C. 5087	~~+1.8~~ 16.2	37	37 ~~44~~
314.7 ~~301.6~~		~~1~~60.5	60.5	
15.2 ~~27.4~~		54.2	54.2	
45.6		114.7	114.7	
99.8		+1.31	+1.31	

A.G.C. 5313, 5.1

3 35.2	A.G.C. 5315	8.9	38 09	
198.1		107.0 ~~49.5~~ 58.9 a	107.0	37 ~~51~~ 13 a
305.1		126.9	126.9	
281.2 ~~226.2~~		233.9	233.9	
48.1		-1.06	49.3 b 58.2 -1.06	37 ~~23~~ 46 b

3 36.8		9.10.6	38 09	
107.8		111.5	111.5	
219.3		111.6	111.6	
193.3		223.1	223.1	
304.9		-0.84	-0.84	

A.G.C. 5315, 6.8

3 37.9	A.G.C. 5313	11.8	38	35
41.2		63.6 ~~47.2~~ 59.0 a	63.6	37 ~~23~~ 72 a
104.8		80.2	80.2	
120.0		143.8	143.8	
200.2		+0.70	47.3 b 59.1 +0.70	51 ~~44~~ b

3 38.7		12.2	38	35
300.0		84.2	84.2	
24.2		68.4	68.4	
40.1		152.6	152.6	
108.5		~~+0.52~~	+0.52	

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

1907phae..proj..1243.

HD 7836.

Sept 17, 1907

3 39.9	A.Gb. 5283	15.2		.39	41
4 35.9	227.8	52.4	44.5 59.4	52.4	3 −38
56.0	280.2	58.5	43.7	58.5	
.78	311.2	110.9	58.9	110.9	✓
4480	9.7	+1.40		+1.40	
8920					
44.5					
48.7					
3 40.7		16.0		39	38
36.9	134.7	63.2		63.2	
	197.9	45.0		45.0	
	231.6	108.2		108.2	✓
	276.6	+1.46		+1.46	
3 41.8	A.Gb 5300	16.2		40	24
4 36.8	57.0	37.8	42.4 58.6	37.8	89 49 −35
55.0	94.8	50.0		50.0	
.77	137.2	87.8		87.8	✓
3850	189.2	+1.97		+1.97	
3850					
42.4					
3 42.7		17.1		40	24
	312.2	56.5		56.5	
	8.7	49.1		49.1	✓
	47.8	105.6		105.6	
	96.9	+1.52		+1.52	
3 44.0	A.Gb 5332	16.0		39	38
	238.9	28.0		28.0	6 −32
	266.9	35.8		35.8	✓
	324.3	63.8		63.8	
	0.1	+2.72		+2.72	

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

1907phae.proj.1243.

JD 7836.

Sept 17, 1907

3 44.7	A.Gb. 5332	16.9	40 37
	144.1	40.1	40.1
	184.2	32.8	32.8
	237.2	72.9	72.9
	270.0	+2.41	+2.41
3 46.7	Gb IV 1271	18.9	39 17
	37.2	32.9	32.9
	90.1	32.2	32.2
	148.2	65.1	65.1
	180.4	+2.67	+2.67
3 47.5		19.7	39 17
	327.2	34.0	34.0
	1.2	25.7	25.7
	61.3	59.7	59.7
	87.0	+2.87	+2.87
3 49.5	Gb. IV 1157	23.7	38 40
	240.7	24.5	24.5
	265.2	27.6	27.6
	331.1	52.1	52.1
	358.7	+3.18	+3.18
3 50.3		24.3	38 40
	147.8	29.6	29.6
	177.4	20.7	20.7
	242.0	50.3	50.3
	262.7	+3.26	+3.26

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

1907phae..proj..1243.

LD 7836.

Sept 17, 1907

3 52.0	A. Gb. ~~5087~~ 5085	31.3	37 08		
	52.7	81.5	81.5		
	134.2	50.5	50.5		
	138.2	132.0	132.0		✓
	188.7	+0.94	+0.94		
3 52.9		32.2	37 08		
	314.9	~~47~~ 57.8	57.8		
	12.7	55.8	55.8		✓
	48.2	113.6	113.6		
	104.0	+1.34	+1.34		
3 55.2	A. Gb 5313	24.4	37 37		
	197.0	109.2	109.2		
	306.2	120.8	120.8		
	280.8	230.0	230.0		✓
	41.6	~~-1.19~~	-0.98		
		-0.98			
3 56.0		25.8	37 38		
	103.3	121.6	121.6		
	224.9	107.2	107.2		
	194.1	~~228~~.8	228.8		✓
	301.2	-0.95	-0.95		
3 57.0	A. Gb. 5315	26.7	38 01		
	45.7	62.5	62.5		
	108.2	79.9	79.9		
	120.9	142.4	142.4		
	200.6	+0.73	+0.73		

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

1907phae.proj.1243.

LD 7836.

Sept. 17, 1907

3 57.8	A. Gb 531 I	27.3	38 01
	294.8	87.5	87.5
	22.3	60.9	60.9
	40.0	148.4	148.4
	100.9	+0.61	+0.61
	IV		
3 59.3	36. 1157	31.7	38 30
	242.8	24.3	24.3
	267.1	29.5	29.5
	329.5	53.8	53.8
	359.0	+3.11	+3.11
4 00.2		32.3	38 30
	148.0	28.2	28.2
	176.2	25.6	25.6
	60.0	53.8	53.8
	85.6	+3.11	+3.11
4 01.7	~~A. Gb~~ 36 IV 1271	30.7	38 49
	~~60~~ 236.9	33.7	33.7
	270.6	35.2	35.2
	327.2	68.9	68.9
	2.4	+2.54	+2.54
4 02.6		31.6	38 39
	146.0	33.6	33.6
	179.6	30.6	30.6
	238.2	64.2	64.2
	268.6	+2.71	+2.71

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

1907phae..proj..1243.

LD7836.

Sept. 17, 1907

4 03.5	A.Sb 5332	32.1	39 08
	57.4	30.0	30.0
	87.4	33.3	33.3
	146.8	63.3	63.3 ✓
	180.1	+2.74	+2.74
4 04.4		32.8	39 07
	326.2	32.5	32.5
	358.7	29.9	29.9
	58.2	62.4	62.4 ✓
	88.1	+2.77	+2.77
4 05.7	A.Sb. 5300	35.2	39 48
	231.2	45.5	45.5
	276.7	47.6	47.6
	320.2	93.1	93.1 ✓
	7.8	+1.83	+1.83
4 06.5		35.9	39 48
	141.5	49.5	49.5
	191.0	44.5	44.5
	228.2	94.0	94.0 ✓
	272.7	+1.81	+1.81
4 07.7	A.Sb. 5283	36.9	39 58
	54.8	41.1	41.1
	95.9	58.4	58.4
	135.7	99.5	99.5 ✓
	194.1	+1.67	+1.67

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

1907phae.proj.1243.

D7836.

Sept 17, 1907

4 08.5	A.Bb. 5283	37.3	
	314.8	61.0	61.0
	15.8	51.0	51.0
	49.2	~~111.0~~	112.0 ✓
	100.2	~~+1.39~~	+1.39 7
4 09.7	A.Bb. 5315	36.8	37 46
	217.6	65.6	65.6
	283.2	84.7	84.7 ✓
	300.2	150.3	150.3
	94.9	+0.57	+0.57
4 10.5		37.3	37 46
	123.2	80.9	80.9
	204.1	58.7	58.7 ✓
	221.2	139.6	139.6
	279.9	+0.78	+0.78
4 11.4	A.Bb. 5313	37.6	37 17
	13.8	110.5	110.5
	124.3	118.3	118.3 ✓
	103.6	228.8	228.8
	221.9	−0.95	−0.95
4 12.3		38.2	37 17
	287.4	113.4	113.4 ✓
	40.8	117.8	117.8
	8.9	~~231.2~~	231.2
	126.7	−1.00	−1.00

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

1907phae..proj..1243.

D 7836.

Sept 17. 1907

4 13.5	A. Sb. 5087	48.2	36 57
	231.8	43.6	43.6
	275.4	61.2	61.2
	313.2	104.8	104.8
	14.4	+1.54	+1.54
4 14.3		48.8	36 57
	131.8	61.6	61.6
	193.4	52.0	52.0
	227.5	113.6	113.6
	279.5	+1.34	+1.34
4 15.8	☐ Oct.	60.1	90 27
	35.2	81.0	81.0
	116.2	102.8	102.8
	110.4	183.8	183.8
	213.2	-0.07	-0.07
4 16.5		60.1	90 27
	291.0	101.8	101.8
	32.8	91.2	91.2
	28.3	193.0	193.0
	119.5	-0.25	-0.25
4 22.4	A. Sb. 5306	49.1	48 39
	46.0	~~49.4~~	59.4
	105.4	75.3	75.3
	119.7	~~124.7~~	134.7
	195.0	~~+1.09~~	+0.88

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

1907phae.proj.1243.

AD 7836.

Sept. 17, 1907

4 23.3	A.Sh 5306	49.9	48 40
	302.0	82.8	82.8
	24.8	50.2	50.2
	48.0	133.0	133.0
	98.2	+0.92	+0.92
4 24.4	A.Sh. 5370	48.3	48 24
	222.8	61.4	61.4
	284.2	73.9	73.9
	306.0	135.3	135.3
	19.9	+0.87	+0.87
4 25.1		48.8	48 24
	125.8	74.4	74.4
	200.2	64.8	64.8
	217.2	139.2	139.2
	282.0	+0.79	+0.79
4 27.8	A.Sh. 5350	51.7	50 32
	22.1	100.1	100.1
	122.2	122.4	122.4
	100.3	222.5	222.5
	222.7	-0.82	-0.82
4 28.5		52.2	50 32
	283.3	5118.9	118.9
	42.2	112.5	112.5
	19.3	231.4	231.4
	131.8	-1.01	-1.01

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

1907phae.proj.1243.

HD 7836.

Sept 17, 1907

α Aql 5426

4 30.5

428	239.7	51.3	50 39
12.3	267.0	27.3 7.7/59.0	27.3 −50 51/+12
.63	324.8	35.2	35.2
369	0.0	62.5	62.5
738		+2.77	+2.77
7.7			

4 31.5

	145.4	~~33.2~~	34.2
	179.6	27.8	27.8
	239.2	~~61.0~~	62.0
	267.0	~~+2.82~~	+2.79

α Aql

4 32.5

43.5	39.0	52.1	50 25
11.0	86.0	27.0 6.9/59.0	27.0 37/+12
.63	32.4	32.4	32.4
330	146.0	59.4	59.4
660	178.4	+2.88	+2.88
6.9			

4 33.2

	325.8	52.7	50 25
	358.9	33.1	33.1
	60.2	24.0	24.0
	84.2	57.1	57.1
		+2.97	+2.97

4 35.2

40.3	24.0	56.1	49 53
5.1	26.8	24.8 3.3/59.4	24.8 −50 8/+15
.64	33.1	33.1	33.1
204	325.8	57.9	57.9
806	358.9	+2.94	+2.94
3.3			

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

1907phae.proj.1243.

AD 7836.

Sept 17, 1907

4 36.0	b.C.D 628	56.9	49 53	
40.3	145.7	36.0 2.8	36.0 - 50	8
4.3	181.7	28.8 59.7	28.8	+15
.64	238.9	64.8	64.8	✓
172	267.7	+2.68	+2.68	
258				
2.75				
4 26.9	a.Lb 5350 ~~5345~~	57.7	50 28	
	27.0	98.2	98.2	
	125.2	117.9	117.9	✓
	104.9	216.1	216.1	
	222.8	-0.70	-0.70	
4 27.7		58.0	50 28	
	282.8	119.5	119.5	
	42.3	109.8	109.8	
	18.1	229.3	229.3	✓
	127.9	~~+0.96~~	-0.96	
4 38.9	a.Lb. 5370	58.2	48 19	
	222.9	~~52.2~~	62.2	
	285.1	82.9	82.9	✓
	302.8	~~135.1~~	145.1	
	25.7	~~+0.84~~	+0.67	
4 39.6		58.7	48 19	
	128.3	76.6	76.6	
	204.9	64.5	64.5	✓
	293.2	141.1	141.1	
	287.7	+0.75	+0.75	

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

1907phae..proj..1243.

LD 7836.

Sept. 17. 1907

4 40.6	A. Gl. 5306	61.2	48 33		
37.1	41.1	57.2	2.3 58.9	57.2	47 +14
3.5	98.3	70.1		70.1	
.66	131.0	127.3		127.3	
210	201.1	+1.04		+1.04	
210					
2.8					
4 41.3		62.0	48 33		
	312.8	70.8		70.8	
	236	54.2		54.2	
	47.0	125.0		125.0	
	101.2	+1.08		+1.08	
4 43.0	6 Gl. -50° 625 8.6	60.8	49 56		
40.3	239.3	~~27.9~~	1.8 59.5 1.7	26.9	50 8 +10
2.7 2.0	266.2	42.1		42.1	
.64 .64	318.2	~~70.0~~		69.0	
108 1280	0.3	~~+2.51~~		+2.54	
162					
1.7					
4 43.6		61.3	49 58		
40.3	145.8	38.2	2.1 59.2	38.2	50 8 +10
3.3	184.0	25.7		25.7	
.64	241.3	63.9		63.9	
132	267.0	+2.72		+2.72	
198					
2.1					
	a96				
4 44.6	~~Gl. 5438~~	59.9	50 23		
44.1	60.1	25.9	.3 59.6	25.9	84 +11
.5	86.0	36.4		36.4	
.64	145.7	62.3		62.3	
820	182.1	+2.77		+2.77	

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

1907phae.proj.1243.

JD 7836.

Sept 17, 1907

	asb		
4 45.4	5438	60.2	50 27
	325.1	37.7	37.7
	2.6	27.0	27.0
	58.3	64.7	64.7
	85.3	+2.69	+2.69
	asb		
4 46.2	5426	61.2	50 39
	241.1	26.2	26.2
	267.3	36.9	36.9
	325.0	63.1	63.1
	1.9	+2.74	+2.74
4 47.1		61.7	50 39
	148.0	34.9	34.9
	182.9	23.8	23.8
	238.9	58.7	58.7
	262.7	+2.91	+2.91
4 48.0	asb 5350	65.1	50 30
	18.3	102.8	102.8
	121.1	115.0	115.0
	109.0	217.8	217.8
	222.0	-0.73	-0.73
4 48.6		65.6	50 30
	288.8	116.9	116.9
	45.7	108.8	108.8
	18.8	225.7	225.7
	127.6	-0.89	-0.89

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

1907phae.proj.1243.

~~D~~7836.

~~A. Sb~~ Sept. 17, 1907

4 59.5	A. Sb. 5370	66.0		
	223.7	~~61.1~~	62.1	
	285.5	68.7	68.7	
	311.9	~~129.8~~	130.8	✓
	20.6	~~+0.98~~	+0.96	
4 50.0		66.2		
	125.8	72.2	72.2	
	198.0	55.6	55.6	
	2267	127.8	127.8	✓
	2823	+1.03	+1.03	
4 50.7	A. Sb. 5306	65.7		
	49.0	56.2	56.2	
	105.2	74.0	74.0	✓
	123.0	130.2	130.2	
	197.0	+0.97	+0.97	
		68.9		
	305.0	68.2	68.2	
	16.2	59.0	59.0	✓
	431	127.2	127.2	
	1021	+1.04	+1.04	
4 52.2	J Oct.	60.0	90 21	
	211.0	83.1	83.1	
	294.1	107.9	107.9	✓
	289.1	191.0	191.0	
	39.0	-0.21	-0.21	

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

1907phae.proj.1243.

LD 7836.

Sept 17, 1907

J Oct.	60.0	90 31
1139	101.1	101.1
2150	91.5	91.5
2047	192.6	192.6
2962	−0.24	−0.24

✓

Copy sent to Lowell Oct 3 '07.

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

1907phae.proj.1243.

J D 7853.

Friday October 4, 1907

Series L 5.

22 53.7	J Oct.	60.5	89	31
	205.0	93.1	93.1	
	298.1	104.0	104.0	
	293.0	197.1	197.1	✓
	37.0	−0.32	−0.32	
22 54.3		606	89	31
	110.1	102.1	102.1	
	212.2	90.3	90.3	✓
	205.8	192.4	192.4	
	296.1	−0.24	−0.24	
23 02.1	A.S.6. 31896	477	65	12
	45.0	57.3	57.3	
	102.3	68.6	68.6	✓
	132.2	125.9	125.9	
	200.8	+1.07	+1.07	
23 02.9		47.9	65	12
	309.9	73.1	73.1	
	23.0	53.5	53.5	✓
	44.9	126.6	126.6	
	98.4	+1.05	+1.05	
23 06.0	A.S.6. 31965	47.2	63	26
	211.1	76.3	76.3	
	287.4	80.1	80.1	✓
	302.3	156.4	156.4	
	22.4	+0.45	+0.45	

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

1907phae.proj.1243.

LDy853.

Oct 2, 1907

23 08.8	A.G.C. 31965	47.3	63.24	
	122.2	~~82.5~~	83.5	
	205.7	56.3	56.3	
	223.9	~~138.8~~	139.8	✓
	280.2	~~+0.80~~	+0.78	
23 08.6	A.G.C. 31896	~~65~~ 50.2	65.08	
	48.9	~~52.9~~	51.9	
	108	66.4	66.4	
	129.8	~~119.3~~	118.3	✓
	196.2	~~+1.21~~	+1.23	
23 09.3		~~65~~ 50.4	65 04	
	309.0	64.2	64.2	
	13.2	59.3	59.3	✓
	45.0	123.5	123.5	
	104.3	+1.12	+1.12	
23 10.3	A.G.C. 32065	47.2	64 58	
	206.9	90.8	90.8	
	297.7	103.7	103.7	
	292.2	194.5	194.5	✓
	35.9	−0.27	−0.27	
23 11.1		47.7	64 58	
	103.9	~~+12.4~~	112.4	
	216.3	89.6	89.6	✓
	206.4	202.0	202.0	
	296.0	16.42	−0.42	

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

1907phae.proj.1243.

~~D~~ 7853.

Oct. 2, 1907

23 12.1	A.G. 6. 31896	32.0	65 05
	48.9	51.1	51.1
	100.0	65.0	65.0 ✓
	131.7	116.1	116.1
	196.7	+1.28	+1.28
23 13.6		52.3	65 05
	308.6	58.6	58.6
	7.4	56.2	56.2
	45.6	114.8	114.8 ✓
	101.5	+1.31	+1.31
23 14.3	A.G. 6. 31965	50.7	63 18
	225.1	59.9	59.9
	285.0	78.1	78.1 ✓
	306.1	138.0	138.0
	24.2	+0.81	+0.81
23 15.1		50.9	63 18
	121.2	78.2	78.2 ✓
	199.4	57.9	57.9
	226.1	136.1	136.1
	284.0	+0.85	+0.85
23 16.3	A.G. 6. 31896	54.0	65 04
	43.2	56.6	56.6 ✓
	99.8	70.7	71.7
	128.2	128.3	128.3
	199.9	+1.01	+1.01

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

1907phae.proj.1243.

JD 7853.

Oct. 1907

23	17,0	A.Sb. 31896	54.3	65	04	
		307.1	70.8	70.8		
		17.9	44.6	44.6		
		51.4	115.4	115.4		✓
		96.0	+1.29	+1.29		
23	18.0	A.Sb. 32065	50.3	64	52	
2		205.7	88.3	88.3		
		294.0	107.4	107.4		
		287.8	195.7	195.7		✓
		35.2	−0.30	−0.30		
23	18.6		50.8	64	52	
		108.3	102.7	102.7		
		211.0	89.9	89.9		✓
		208.2	192.6	192.6		
		298.1	−0.24	−0.24		
23	20.0	A.Sb. 31896	55.7	65	04	
		46.1	48.9	48.9		
		95.0	68.0	68.0		
		128.2	116.9	116.9		✓
		196.2	+1.26	+1.26		
23	20.7		55.9	65	04	
		308.9	72.4	72.4		
		21.3	51.2	51.2		
		115.6	123.6	123.6		✓
		97.0	+1.11	+1.11		

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

1907phae.proj.1243.

LD 7853.

Oct 4, 1907

23 24.5	a Sb 32418	48.7	73 24
	227.0	50.1	50.1
	277.1	64.2	64.2
	315.0	114.3	114.3
	19.2	+1.32	+1.32
23 25.4		48.8	73 24
	129.7	62.4	62.4
	192.1	47.0	47.0
	230.2	109.4	109.4
	277.2	+1.43	+1.43
23 26.4	a Sb 32421	48.4	71 59
	27.1	86.9	86.9
	114.0	110.6	110.6
	105.4	197.5	197.5
	216.0	-0.33	-0.33
23 27.2		48.8	71 59
	287.3	110.9	110.9
	38.2	91.6	91.6
	25.2	202.5	202.5
	116.8	-0.43	-0.43
23 28.4	a Sb 32418	49.8	73 26
	230.2	46.8	46.8
	277.0	60.6	60.6
	311.1	107.4	107.4
	11.7	+1.48	+1.48

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

1907phae.proj.1243.

HD 78053.

Oct 4, 1907

93	29.1	A.G. 32418	50.0	73 26	
		132.9	64.0	64.0	
		196.9	52.1	52.1	
		225.9	116.1	116.1	✓
		278.0	+1.28	+1.28	
23	30.1	A.G. 83	48.8	73 49	
		42.3	61.0	61.0	
		103.3	76.6	76.6	✓
		126.4	137.6	137.6	
		203.0	+0.82	+0.82	
23	30.8		50.0	73 50	
		305.2	76.1	76.1	
		91.3	56.3	56.3	✓
		44.0	132.4	132.4	
		100.3	+0.93	+0.92	
23	31.8	A.G. 32418	50.9	73 26	
		224.6	48.8	48.8	✓
		273.4	61.5	61.5	
		313.3	110.3	110.3	
		14.8	+1.41	+1.41	
23	32.7		51.1	73 26	
		134.8	65.0	65.0	✓
		199.8	42.2	42.2	
		232.0	107.2	107.2	
		274.2	+1.48	+1.48	

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

1907phae.proj.1243.

JD 7853.

Oct 4, 1907

23 33.7	A.S6. 32421	50.8	71 58
	81.9	80.0	80.0
	111.9	112.9	112.9
	103.8	192.9	192.9 ✓
	216.7	-0.24	-0.24
23 34.5		51.1	71 58
	289.0	110.6	110.6
	39.6	85.4	85.4
	96.9	196.0	196.0 ✓
	112.3	-0.30	-0.30
23 35.7	A-S6.32418	52.1	73 22
	229.1	45.8	45.8
	274.9	59.6	59.6 ✓
	313.2	105.4	105.4
	12.6	+1.53	+1.53
23 36.4		52.2	73 22
	128.0	64.2	64.2
	192.2	52.3	52.3 ✓
	228.7	116.5	116.5
	281.0	+1.27	+1.27
23 37.6	A.S6.83	50.9	73 41
	49.0	53.8	53.8
	102.8	76.2	76.2 ✓
	126.0	130.0	130.0
	202.2	+0.98	+0.98

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

1907phae.proj.1243.

LD 7853.

Oct 4, 1907

23	38.2	A. Sb. 83	51.1	73	43
		300.4	88.6	88.6	
		29.0	64.7	64.7	
		40.3	153.3	153.3	
		105.0	+0.51	+0.51	
23	39.4	A. Sb. 32418	53.3	73	19
		228.7	49.2	49.2	
		277.9	56.3	56.3	
		313.0	105.5	105.5	
		9.3	+1.52	+1.52	
23	40.2		53.6	73	19
		130.1	66.1	66.1	
		196.2	49.4	49.4	
		227.4	115.5	115.5	
		276.8	+1.29	+1.29	
23	41.6	J Oct.	60.9	89	37
		29.2	85.8	85.8	
		115.0	107.5	107.5	
		107.4	193.3	193.3	
		214.9	-0.25	-0.25	
23	42.4		60.9	89	37
		288.1	109.1	109.1	
		37.2	83.3	83.3	
		28.1	192.4	192.4	
		111.4	-0.24	-0.24	

Copied to here Oct. 15, 1907 by Kay.

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

1907phae.proj.1243.

LD 7805.

Saturday October 5, 1907

Series mv 5

22 56.0	J Oct.	60.4	89 30	
	211.1	89.8	89.8	
	300.9	110.9	110.9	
	290.2	200.7	200.7	✓
	41.1	−0.39	−0.39	
22 56.9		60.5	89 30	
	105.9	116.2	116.2	
	222.1	89.1	89.1	
	209.1	205.3	205.3	✓
	298.2	−0.48	−0.48	
22 59.2	A.Z. 31896	46.7	65 11	
	46.7	52.3	52.3	
	99.0	71.7	71.7	
	127.2	124.0	124.0	✓
	198.9	+1.11	+1.11	
23 00.1		46.8	65 11	
	307.1	76.8	76.8	
	23.9	46.2	46.2	
	51.0	123.0	123.0	✓
	97.2	+1.13	+1.13	
23 01.4	A.Z. 31965	45.4	63 26	
	222.0	61.0	61.0	
	283.0	81.4	81.4	
	302.6	142.4	142.4	✓
	24.0	+0.73	+0.73	

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

1907phae.proj.1243.

JD 7854.

Oct. 5 1907

23 02.2	A.G.C. 31965	45.7	~~64~~ 63 26
	124.9	79.7	79.7
	204.6	67.1	67.1
	219.3	146.8	146.8 ✓
	286.4	+0.64	+0.64
23 03.5'	A.G.C. 31896	48.2	65 09
	44.1	57.1	57.1
	101.2	71.2	71.2 ✓
	129.4	128.3	128.3
	200.6	+1.01	+1.01
23 04.3		48.6	65 09
	306.8	78.5	78.5
	25.3	58.9	58.9
	44.0	137.4	137.4 ✓
	102.9	+0.83	+0.83
23 05.3	A.G.C. 32065	45.3	64 58
	208.2	88 XX.5	88.5
	296.7	109.9	109.9
	287.1	198.4	198.4 ✓
	37.0	−0.35	−0.35
23 06.1		45.7	64 58
	106.0	106.6	106.6
	212.6	87.1	87.1 ✓
	207.3	193.7	193.7
	294.4	−0.26	~~+~~ 0.26

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

1907phae.proj.1243.

HD 7854.

Oct 5 1907

23 07.3	A. Sb. 31896	49.7	65' 07
	40.9	53.9	53.9
	94.8	68.1	68.1
	127.7	122.0	122.0
	195.8	+1.15	+1.15
23 08.1		49.9	65' 07
	308.2	67.4	67.4
	15.6	56.9	56.9
	226.8	124.3	124.3
	47.9		
	283.7	+1.10	+1.10
23 10.2	A. Sb. 31963'	48.9	~~65~~ 63 21.
	41.0	62.2	62.2
	103.2	78.5	78.5
	123.4	140.7	140.7
	201.9	+0.76	+0.76
23 11.0		49.1	63 21
	302.0	84.1	84.1
	26.1	56.0	56.0
	44.0	140.1	140.1
	100.0	+0.77	+0.77
23 12.3	A. Sb. 31896	52.0	65' 07
	225.7	63.2	63.2
	288.9	67.7	67.7
	310.1	130.9	130.9
	17.8	+0.96	+0.96

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

1907phae.proj.1243.

LD 7854.

Oct. 5, 1907

23 13.0	A.G. 31896	52.6	65 07
	125.8	74.6	74.6
	200.4	55.2	55.2
	228.0	129.8	129.8 ✓
	283.2	+0.98	+0.98
23 14.0	A.G. 32065	48.7	64 57
	31.3	83.1	83.1
	114.4	99.2	99.2
	113.4	182.3	182.3 ✓
	212.6	-0.04	-0.04
23 14.9		48.9	64 57
	286.6	110.5	110.5
	37.1	83.6	83.6
	32.0	194.1	194.1 ✓
	115.6	-0.27	-0.27
23 16.0	A.G. 31896	54.1	65 08
	225.2	56.2	56.2
	281.4	77.6	77.6
	305.1	133.8	133.8 ✓
	227	+0.90	+0.90
23 16.8		54.3	65 08
	1,239	82.8	82.8
	206.7	55.9	55.9
	226.4	138.7	138.7 ✓
	282.3	+0.80	+0.80

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

1907phae.proj.1243.

LD 7854.

Oct. 5, 1907

23 19.8	A.G.C. 32418	47.7	73 29	
	46.4	52.8	52.8	
	99.2	55.7	55.7	
	134.1	108.5	108.5	✓
	189.8	+1.45	+1.45	
23 20.6		47.7	73 29	
	308.8	65.4	65.4	✓
	14.2	50.7	50.7	
	47.1	116.1	116.1	
	97.8	+1.28	+1.28	
23 21.8	A.G.C. 32421	47.2	71 59	
	205.0	88.0	88.0	
	293.0	104.6	104.6	✓
	290.3	192.6	192.6	
	34.9	-0.24	-0.24	
23 22.5		47.3	71 59	
	107.0	107.1	107.1	
	214.1	92.3	92.3	
	204.8	199.4	199.4	✓
	297.1	-0.37	-0.37	
23 23.8	A.G.C. 32418	48.7	73 29	
	51.9	40.1	40.1	
	92.0	61.0	61.0	✓
	131.4	101.1	101.1	
	192.4	+1.63	+1.63	

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

1907phae.proj.1243.

LD 7854.

Oct. 5, 1907

23	24.5	A.Gb 32418	48.5	73	29
		311.2	67.6	67.6	
		18.8	47.1	47.1	
		50.2	114.7	114.7	✓
		97.3	+1.31	+1.31	
23	25.4	A.Gb. 83	47.7	73	50
		226.5	65.2	65.2	
		291.7	74.8	74.8	
		303.4	140.0	140.0	✓
		18.2	+0.77	+0.77	
23	26.1		47.8	73	51
		123.1	82.9	82.9	
		206.0	61.1	61.1	
		223.9	144.0	144.0	✓
		285.0	+0.69	+0.69	
23	26.9	A.Gb. 32418	49.6	73	27
		50.3	44.9	44.9	
		95.2	65.8	65.8	
		127.3	110.7	110.7	✓
		193.1	+1.40	+1.40	
23	27.5		49.8	73	27
		311.7	65.6	65.6	
		17.3	46.8	46.8	✓
		50.0	112.4	112.4	
		96.8	+1.36	+1.36	

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

1907phae..proj.1243.

D. 7854

Oct. 05 1907

23 28.6	A.G.C. 32421	49.1	71	58
	203.7	99.2	99.2	
	302.9	111.2	111.2	
	287.9	210.4	210.4	✓
	39.1	−0.58	−0.58	
23 29.5		49.2	71	58
	107.0	112.7	112.7	
	215.7	91.4	91.4	
	206.2	204.1	204.1	✓
	297.6	−0.46	−0.46	
23 30.6	A.G.C. 32418	50.7	73	26
	49.8	42.9	42.9	
	92.7	59.8	59.8	
	135.1	102.7	102.7	✓
	194.9	+1.59	+1.59	
27 31.4		50.8	73	25
	316.0	61.0	61.0	
	17.0	40.6	40.6	
	53.3	101.6	101.6	✓
	93.9	+1.62	+1.62	
23 32.5	A.G.C. 83	49.3	73	47
	223.1	61.2	61.2	
	284.3	75.0	75.0	
	304.2	136.2	136.2	✓
	19.2	+0.85	+0.85	

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

1907phae.proj.1243.

LD 7854.

Oct. 25 1907

23 33.2	A.Sb.83	49.6	73	48	
	~~19.2~~	78.4	78.4		
	123.8	66.9	66.9		
	202.2	145.3	145.3		
	220.8	+0.67	+0.67		
	287.7				
23 34.4	A.Sb.32418	51.7	73	21	
	47.2	47.9	47.9		
	95.1	61.8	61.8		
	131.0	109.7	109.7		
	193.1	+1.42	+1.42		
23 35.2		51.9	73	21	
	314.4	63.7	63.7		
	18.1	51.5	51.5		
	49.3	115.2	115.2		
	100.8	+1.30	+1.30		
23 36.0	J Oct.	60.5	89	38	
	213.1	85.7	85.7		
	298.8	108.6	108.6		
	287.2	194.3	194.3		
	35.8	-0.27	-0.27		
23 36.8		60.8	89	38	
	109.8	109.2	109.2		
	219.0	97.6	97.6		
	203.7	206.8	206.8		
	301.3	-0.51	-0.51		

Sky heavily clouded soon after finishing these measurements.

Copied to here, Oct. 7, 1907.

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

1907phae..proj..1243.

LD 7856.

Series no 5

Monday, October 7, 1907

3 34.0 ▽ Oct.

35.3	79.4	79.4
114.7	115.4	115.4
105.0	194.8	194.8 ✓
220.4	−0.28	−0.28
475.4		
835.4		

3 35.0 60.3 90 15

270.3	123.7	123.7	8162
34.0	82.1	82.1	204.0
31.1	205.8	205.8 ✓	45
113.2	−0.49	−0.49	249.0
448.6		63	159.0
808.6			69.0
			339.0

3 41.3 A.Lb. 4880 44.2 64 36

39.0 4 16.3	210.0	86.8 15.8	86.8 − 63 34	156.0 +0.46
47.8 35.0	296.8	60.0	− 62	191.2 −0.21
50.2 45	288.8	112.9	112.9 ✓	200.8 −0.40
62.7 1750	41.7	199.7	199.7 − 2	250.8 −1.44
1400	837.3	−0.38	−0.38	
15.8			63	

3 42.0 44.6 64 36

4 16.3	111.2	101.1	101.1 68 84	
	212.3	80.4	− 62	
	209.9	181.5	80.4 ✓	
	290.3	−0.03	181.5 − 2	
	823.7		−0.03	

3 43.0 A.Lb. 4962 43.1 63 43

4 20.5	24.6	97.4 16.5	97.4 − 63 41	
37.5	222.0	59.6	− 2	
44	103.3	117.9	117.9	
1500	22.2	215.3	215.3	
1500	371.1	−0.68	−0.68	
16.5	831.1			

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

1907phae.proj.1243.

JD 7806.

October 7, 1907

3 43.8	A.Sla 4962	43.7	63 43
	285.9	114.9	114.9
	40.8	102.5	102.5
	21.2	217.4	217.4 ✓
	123.7	-0.72	-0.72
3 45.3	A.S. la. 5081	40.5	62 52
H 26.3	204.8	90.6 18.9	90.6 - 62 48
41.0	295.4	96.3 59.4	96.3 -4
.46	295.7	186.9	186.9 ✓
2460	32.0	-0.13	-0.13
1640			
18.9			
3 46.1		40.9	62 52
	112.2	~~101.3~~	102.3
	214.5	85.3	85.3 ✓
	209.8	~~186.6~~	187.6
	295.1	~~-0.13~~	-0.14
3 47.2	A. Sla. 5070	42.4	63 09
	45.8	58.9	58.9
	104.7	79.6	79.6 ✓
	124.0	138.5	138.5
	203.6	+0.80	+0.80
3 48.3		42.8	63 09
	308.1	74.1	74.1
	22.2	60.2	60.2
	43.8	134.3	134.3 ✓
	104.0	+0.89	+0.89

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

1907phae.proj.1243.

SD 7856.

October 7, 1907

3 50.1	A.G.C. 4934	47.0	63 23
	236.2	37.8	37.8
	274.0	42.9	42.9
	323.2	80.7	80.7
	6.1	+2.17	+2.17
3 54.9		47.2	63 23
	136.2	54.0	54.0
	190.2	37.4	37.4
	234.9	91.4	91.4
	272.3	+1.88	+1.88
3 52.1	A.G.C. 5091	43.8	62 00
	57.4	33.7	33.7
	91.1	44.6	44.6
	141.9	78.3	78.3
	186.5	+2.25	+2.25
3 52.9		44.3	62 00
	320.3	48.5	48.5
	8.8	30.3	30.3
	60.0	78.8	78.8
	90.3	+2.23	+2.23
3 54.2	ZC 825 IV	46.2	62 59
	238.7	31.0	31.0
	269.7	33.0	33.0
	328.1	64.0	64.0
	1.1	+2.71	+2.71

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

1907phae.proj.1243.

LD 7856.

October

3 55.0	3 Lb. II 825	46.7	62 59		
	146.2	34.9	34.9		
	181.1	27.8	27.8		
	240.0	62.7	62.7		
	267.8	+2.76	+2.76		
3 56.3	3 Lb. IV 740	467.9	63 28		
	243.0	20.1	20.1		
	263.1	29.0	29.0		
	328.9	49.1	49.1		
	357.9	+3.31	+3.31		
3 57.2		48.2	63 29		
	148.6	29.6	29.6		
	178.2	23.2	23.2		
	242.1	52.8	52.8		
	265.3	+3.15	+3.15		
3 58.3	A.G.Lb 4880	51.4	63 20		
	35.0	75.0	75.0	34	
	110.0	101.7	101.7	+14	
	108.0	176.7	176.7		
	209.7	+0.06	+0.06		
3 59.0		51.9	63 20		
	291.0	110.7	110.7		
	41.7	80.7	80.7		
	30.1	191.4	191.4		
	110.8	−0.22	−0.22		

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

1907phae.proj.1243.

LD 7856.

October 7, 1907

3 59.9	A.G. 4962	50.1	63 31	
	206.1	97.3	97.3	41
	303.4	120.0	120.0	+10
	285.2	217.3	217.3	
	45.2	-0.72	-0.72	v
4 00.7		50.4	63 30	
	102.0	121.6	121.6	
	223.6	93.9	93.9	
	206.1	215.5	215.5	v
	300.0	-0.68	-0.68	
4 01.7	A.G. 5081	48.2	62 39	
	26.2	75.8	75.8	
	102.0	99.8	99.8	
	113.4	175.6	175.6	v
	213.2	+0.08	+0.08	
4 02.5		48.4	62 39	
	287.6	104.6	104.6	
	32.2	87.8	87.8	v
	28.4	192.4	192.4	
	116.2	-0.24	-0.24	
4 04.2	36 IV 740	51.3	63 21	
	242.9	20.9	20.9	
	263.8	31.6	31.6	v
	327.0	52.5	52.5	
	358.6	+3.16	+3.16	

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

1907phae.proj.1243.

LD 7806.

October 7, 1907

4 05.1	Zb. IV 740	51.8	63 21
	149.9	28.2	28.2
	178.1	21.5	21.5
	242.7	49.7	49.7 ✓
	264.2	+3.28	+3.28
4 06.6	3b IV 825	50.9	62 50
	61.5	27.8	27.8
	89.3	36.7	36.7
	144.7	64.5	64.5 ✓
	181.4	+2.69	+2.69
4 06.9		51.3	62 49
	323.9	34.4	34.4
	358.3	26.2	26.2
	62.2	60.6	60.6 ✓
	88.4	+2.84	+2.84
4 07.9	A. 5b. 5091	50.9	61 49
	232.9	39.9	39.9
	272.8	47.1	47.1
	320.2	87.0	87.0 ✓
	7.3	+2.00	+2.00
4 08.6		51.4	61 49
	140.8	46.6	46.6
	187.4	35.3	35.3 ✓
	233.3	81.9	81.9
	266.6	+2.14	+2.14

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

1907phae.proj.1243.

AD7805-6.

October 7, 1907.

# 10.0	A. Gb. 4934 5070	56.2	63 11
	52.9	38.7	38.7
	91.6	49.3	49.3
	136.8	88.0	88.0
	186.1	+1.97	+1.97
# 10.7		56.3	63 11
	319.0	53.3	53.3
	12.3	37.8	37.8
	54.2	91.1	91.1
	92.0	+1.88	+1.88
# 11.8	A. Gb. 5070	53.8	62 49
	223.3	54.0	54.0
	277.3	78.6	78.6
	302.4	132.6	132.6
	21.0	+0.92	+0.92
# 12.7		54.3	62 51
	121.2	77.5	77.5
	198.7	53.8	53.8
	227.8	131.3	131.3
	281.6	+0.95	+0.95
# 13.5	A. Gb. 5081	54.4	62 32
	27.8	82.8	82.8
	110.6	103.6	103.6
	111.2	186.4	186.4
	214.8	-0.12	-0.12

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

1907phae.proj.1243.

LD7856.

October 7, 1907

4 14.2	A.Bb. 5081	54.7	62 32		
	292.8	102.3	102.3		
	35.1	85.7	85.7		
	28.5	188.0	188.0		✓
	114.2	−0.15	−0.15		
4 15.5	A.Bb. 4962	57.7	63 28		
	204.8	92.4	92.4	41	
	297.2	125.4	125.4	+13	
	277.4	217.8	217.8		✓
	42.8	−0.73	−0.73		
4 16.4		58.0	63 28		
	102.2	120.7	120.7		
	922.9	105.9	105.9		
	199.9	226.6	226.6		✓
	305.8	−0.91	−0.91		
417.4	A.Bb. 4880	60.1	63 18		
	32.9	77.3	77.3	34	
	110.2	103.6	103.6	+16	
	108.1	180.9	180.9		✓
	211.7	−0.02	−0.02		
4 18.1		60.2	63 19		
	297.4	97.3	97.3		
	34.7	79.1	79.1		✓
	31.6	176.4	176.4		
	110.7	+0.07	+0.07		

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

1907phae.proj.1243.

A D 7856.

October 7, 1907

4 19.8	J Gc.	60.2	90 28
	203.3	95.4	95.4
	298.7	104.3	104.3
	288.7	199.7	199.7
	33.0	-0.38	-0.38 ✓
4 20.7		60.2	90 28
	111.0	108.8	108.8
	219.8	83.1	83.1 ✓
	207.3	191.9	191.9
	290.4	-0.22	-0.22
4 45.2	A.G.C. 7601	53.2	86 00
6 12.7	46.9	52.1 6.1 59.8	52.1 -85 56 -4
87.5	99.0	61.8	61.8
.07			✓
6.125	132.9	113.9	113.9
	194.7	+1.33	+1.33
4 46.0		53.3	86 00
	310.2	64.8	64.8
	15.0	57.5	57.5
	44.2	122.3	122.3 ✓
	101.7	+1.14	+1.14
4 47.2	A.G.C. 9770 ~~9770~~	50.7	87 26
7 30.1	223.1	58.1 9.8 60.5	58.1 -86 49 -37 ✓
162.9	281.2	76.8	76.8
.06			
9.774	309.0	134.9	134.9
	25.8	+0.88	+0.88

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

1907phae.proj.1243.

LD 7806.

October 7, 1907

4	48.0	A.D.6. 9770	50.7	87 27
		121.9	78.1	78.1
		200.0	59.2	59.2
		223.8	137.3	137.3
		283.0	+0.83	+0,83
4	50.0	A.D.6. 5292	60.0	86 27
H	86.3	54.7	35.3 .8 59.2	35.3 -86 33 +6
	13.7	90.0	49.0	49.0
	.06	141.0	84.3	84.3
	.822	190.0	+2.07	+2.07
4	50.8		60.0	86 27
		321.1	45.3	45.3
		6.4	33.9	33.9
		55.9	79.2	79.2
		89.8	+2.22	+2.22
4	52.0	B.D. -86° 49	59.4	86 19
		237.2	28.4	28.4
		265.6	33.1	33.1
		325.2	61.5	61.5
		358.3	+2.80	+2.80
4	52.8		59.4	86 19
		147.0	32.8	32.8
		179.8	22.8	22.8
		241.3	55.6	55.6
		264.1	+3.03	+3.03

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

1907phae.proj.1243.

LD 7856.

October 7, 1907

4 54.0	6P.D -86° 53	58.3	86 27
	62.1	21.6	21.6
	83.7	24.5	24.5
	151.3	46.1	46.1 ✓
	175.8	+3.45	+3.45
4 55.0		58.4	86 27
	332.8	24.3	24.3
	357.1	18.8	18.8
	64.9	43.1	43.1 ✓
	83.7	+3.60	+3.60
4 56.9	6P.D -86° 80	53.9	86 31
	239.0	28.1	28.1
	267.1	28.5	28.5
	330.3	56.6	56.6 ✓
	358.8	+2.99	+2.99
4 57.6		54.0	86 31
	145.0	35.8	35.8
	180.8	25.0	25.0
	242.8	60.8	60.8 ✓
	267.8	+2.83	+2.83
4 58.7	6P.D -86° 81	53.5	86 26
	59.0	25.7	25.7
	84.7	31.1	31.1
	148.6	56.8	56.8 ✓
	179.7	+2.98	+2.98

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

1907phae.proj.1243.

LD 7856.

Oct. 7, 1907

4	59.8	G.C.D 86° 81	53.7		86	26
6	82.6	330.1	29.1	6.5	29.1 − 86	15
	92.8	359.2	23.1	60.2	23.1	−11
	.07	61.1	52.2		52.2	✓
	6.496	84.2	+3.17		+3.17	
5	01.0	A.G.C. 7601	54.4		85	59
6	12.7	233.3	43.4	5.0	43.4 − 85	56
	~~26.7~~ 71.7	276.7	66.2	59.4	66.2	−3
	.07	310.0	109.6		109.6	✓
	5.019	16.2	+1.43		+1.43	~~86~~ ?
5	01.5		54.4		85	59
		132.2	61.5		61.5	
		193.7	57.7		57.7	✓
		221.7	119.2		119.2	
		279.4	+1.21		+1.21	
5	03.0	A.G.C. 9770	51.4		87	19
7	30.1	38.8	60.4	8.8	60.4 − 86	49
	147.1	99.2	77.2	60.2	77.2	−30
	.06	124.9	137.6		137.6	✓
	8.826	202.1	+0.82		+0.82	
5	03.		51.5		87	19
		306.2	78.0		78.0	
		24.2	76.8		76.8	
		47.2	154.8		154.8	✓
		24.0	+0.48		+0.48	

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

1907phae.proj.1243.

AD 7806.

Oct. 7, 1907

5 05.0	G.P.D -86° 81	53.6	86 20
	61.2	23.1	23.1
	84.3	27.2	27.2
	150.8	50.3	50.3 ✓
	178.0	+3.26	+3.26
5 06.0	~~G.P.D.~~ -	53.5	86 20
	328.8	29.4	29.4
	358.2	19.8	19.8 ✓
	63.3	49.2	49.2
	83.1	+3.31	+3.31
5 07.1	G.P.D -86 80	54.6	86 28
	240.9	25.2	25.2
	266.1	31.0	31.0 ✓
	328.2	56.2	56.2
	359.2	+3.01	+3.01
5 08.0		54.7	86 28
	147.3	31.5	31.5
	178.8	34.3	34.3 ✓
	242.3	65.8	65.8
	276.6	+2.65	+2.65
5 10.3	G.P.D -86° 53	58.8	86 24
	63.3	19.6	19.6
	82.9	25.1	25.1 ✓
	150.7	44.7	44.7
	175.8	+3.52	+3.52

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

1907phae.proj.1243.

AD 7805-6.

October 7, 1907

7	11.3	B.D.-86°53	59.2	86 23
		329.8	27.3	27.3
		357.1	19.9	19.9
		62.9	47.2	47.2
		82.8	+3.40	+3.40
5	12.5	B.D.-86° 49	60.7	86 22
		239.1	26.0	26.0
		265.1	27.9	27.9
		329.3	53.9	53.9
		357.2	+3.11	+3.11
5	13.3		60.8	86 22
		147.0	30.9	30.9
		177.9	36.0	36.0
		240.9	66.9	66.9
		276.9	+2.61	+2.61
5	14.0	A.G.C. 5292	61.2	86 30
		55.2	34.2	34.2
		89.4	43.8	43.8
		139.2	78.0	78.0
		182.9	+2.25	+2.25
5	15.1		61.3	86 30
		316.6	~~50.6~~	50.4
		7.0	37.6	37.6
		52.1	~~88.2~~	88.0
		89.7	~~+1.96~~	+1.97

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

1907phae..proj..1243.

HD 7856.

October 7, 1907

5 18.0	A.G.C. 9770	52.6	87 12		
	222.2	66.6	66.6		
	288.8	73.9	73.9		
	307.2	140.5	140.5		✓
	21.1	+0.76	+0.76		
5 18.6		52.5	87 11		
	121.9	86.8	86.8		
	208.7	62.6	62.6		
	330.2	149.4	149.4		✓
	282.8	+0.59	+0.59		
5 19.9	A.G.C. 7601	56.0	85 56		
	42.9	58.1	58.1		
	101.0	68.2	68.2		✓
	129.9	126.3	126.3		
	195.1	+1.06	+1.06		
5 20.5		56.1	85 56		
	310.0	68.4	68.4		
	18.4	52.7	52.7		
	48.4	121.1	121.1		✓
	101.1	+1.17	+1.17		
5 22.6	♂ Oct.	59.6	90 26		
	203.1	91.7	91.7		
	294.8	100.0	100.0		
	296.0	191.7	191.7		
	36.0	−0.22	−0.22		

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

1907phae.proj.1243.

D 7856.

Oct. 7, 1907

5 23.4 | D Oct. | 59.5 | 90 26

109.8 | 104.4 | 104.4
214.2 | 92.9 | 92.9 ✓
205.0 | 197.3 | 197.3
297.9 | −0.33 | −0.33

Series from here to end is of very little value as it was made too hurridly to obtain good measures

5 28.6 | A. D6. 6574 | 57.7 | 28 29 28 446 +17

32.9 | 20.2 | 100.3 | 3.8 / 61.5
4.3 | 120.5 | 116.8
.88 | 106.9 | 217.1
844 | 223.7
844
3.8

100.3
116.8
217.1 ✓
−0.72

5 30.1 | | 58.2 | 28 30

277.3 | 122.8 | 122.8
40.1 | 100.8 | 100.8
21.4 | 223.6 | 223.6 ✓
122.2 | | −0.85

5 31.1 | A. D6. 6800 | 50.8 | 28 27

42.2 | 211.0 | 74.1 | 9.8 / 60.6 | 74.1 | 41 / +14
11.1 | 285.1 | 92.8 | 92.8 ✓
.88 | 294.2 | 166.9 | 166.9
888 | 27.0
888
9.8 | +0.20

5 32.3 | | 51.3 | 28 27

115.1 | 99.9 | 99.9
215.0 | 75.8 | 75.8 ✓
215.3 | 175.7 | 175.7
291.1 | +0.08

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

1907phae.proj.1243.

LD7856.

b

−29° 2898, 7.0 = Agb. 7520 Oct. 7. 1907

−29° 2883, 6.8

5 34.8 Agb. 7285 31.2 29 22

9.7 b 6 1.3 a 34.7 75.1 23.1 a 75.1 −29 45 a

34.9 26.5 109.8 75.3 54.3 75.3 +23

.87 .87 29.7 150.4 150.4

2443 1855 205.0

2792 2120 23.1

30.4 b

80.4 b +0.57 −29° 34′ b −29 22

60.6 295 +12 0

60.7

−29° 2898, 7.0 = Agb. 7520.

5 h 35.6 m 31.9 29 20

9.7 b 6 1.3 a 305.2 89.9 22.4 a 89.9 −29 45 a

34.1 25.7 35.1 73.9 54.3 73.9 +25

.87 .87 36.9 163.8 163.8

2387 1799 110.8

2728 2056 29.7 b +0.31 −29 √34 b

29.7 22.4 61.6 +14

5 39.0 Agb. −29° 2540 55.1 28 50

45.9 237.0 36.1 6.0 36.1 −29 9

6.9 273.1 38.1 61.1 38.1 +19 √

.87 323.2 74.2 74.2

483 1.3 +2.37

552

6.0

5 39.8 55.8 28 50

144.1 39.5 39.5

183.6 36.5 36.5 √

237.1 76.0 76.0

273.6 +2.32

5 41.1 Agb. −29° 2576 57.8 29 23

44.4 55.8 32.9 2.9 32.9 −29 38

3.3 88.7 60.7 3 +15

.87 141.1 44.8 44.8 √

231 77.7 77.7

264 +2.26

2.9 185.9

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

1907phae.proj.1243.

D 7856.

Oct. 7, 1907.

5 42.0	6D 911-29° 2516	58.8	29 22		
	325.3	39.9	39.9		
	5.2	32.1	32.1		
	36.1	72.0	72.0		
	88.2		+2.44		
5 43.4	6D 911-29° 2511	59.7	28 47		
	240.7	24.3	24.3		
	265.0	24.1	24.1		
	332.0	48.4	48.4		
	356.1		+3.84		
5 44.1		60.3	28 45		
	151.1	25.2	25.2		
	176.3	24.0	24.0		
	242.2	49.2	49.2		
	266.2		+3.31		
	835.8				
5					
~~4~~ 45.0	6D 911-29° 2519	60.9	28 51		
	62.9	~~80.0~~	180.0		
	242.9	29.1	19.1 (?)		
9.9	333.9		199.1		
9.2	353.0		-0.36		
	992.7				
5					
~~4~~ 46.0		61.9	28 51		
	154.1	19.3	19.3		835.4
	173.4	16.9	16.9		208.8
	245.3	36.2	36.2		45.
	262.2		+3.99		253.8
	835.0				163.8
					73.8
					343.8

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

1907phae.proj.1243.

JD 7856.

5 47.2	Lalande 29 2519	63.0	25 52
	64.0	19.0	19.0
	83.0	16.1	16.1
	155.7	35.1	35.1
	171.8		+4.06
5 48.2		63.9	28 52
	333.0	26.0	26.0
	359.0	19.9	19.9
	63.0	45.9	45.9
	82.9		+3.46
5 49.0	Lalande 29°2511	65.7	28 47
	239.8	27.2	27.2
	269.0	24.2	24.2
	332.0	51.4	51.4
	356.2		+3.21
5 49.8		66.1	~~29~~ 21
	152.4	25.4	25.4
	177.8	24.6	24.6
	240.4	50.0	50.0
	965.0		+3.27
5 50.6	Lalande 29°2516	66.8	29 21
	60.4	31.3	31.3
	91.7	34.0	34.0
	145.0	65.3	65.3
	179.0		+2.67

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

1907phae.proj.1243.

~~D~~ 7856.

5 51.2	6944 -29° 2516	67.3	29 20
	325.9	39.5	39.5
	5.4	26.2	26.2
	57.9	65.7	65.7 ✓
	84.1		+2.65
	-29°		
5 52.1	6944 2540	66.7	28 56
	236.3	32.7	32.7
	269.0	45.1	45.1 ✓
	318.8	77.8	77.8
	3.9		+2.26
5 53.7		67.5	28 56
	142.8	42.3	42.3
	185.1	30.5	30.5 ✓
	240.6	72.8	72.8
	271.1		+2.42
	6800		
5 54.0	A.G.C. ~~7685~~	71.2	28 27
	32.2	87.0	87.0
	119.2	90.4	90.4 ✓
	119.6	177.4	177.4
	210.0		+0.05
5 54.5		71.7	28 26
	300.2	84.8	84.8
	25.0	82.6	82.6 ✓
	31.4	167.4	167.4
	114.0		+0.24

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

1907phae.proj.1243.

D 7856.

A. Sk. 6574

5 56.6	~~6.991.~~	81.0	25 71
	198.8	108.0	108.0
	306.8	119.0	119.0
	~~955.0~~	227.0	227.0
	440		−0.92 ✓
5 56.0		81.4	
	104.2	112.8	112.8
	217.0	104.9	104.9
	200.4	~~117.7~~	217.7
	305.3		−0.73 ✓
5 57.4		58.2	90 28
	32.2	86.0	86.0
	118.2	101.9	101.9
	114.2	187.9	187.9 ✓
	216.1		−0.15
5 57.8		59.2	
	295.0	100.1	Last 7 stars faint on acct of
	35.1	~~90.8~~	100.1
	27.1	~~90.9~~	~~190.6~~ light, standard stars not
	117.7		190.7 measured in middle of sequence. +
			−0.20
			one standard omitted at close on
			this account

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

1907phae.proj.1243.

HD 7864.

Series 05 — Tuesday, October 15, 1907.

3 50.6	T Gb.	60.2	90 19	
	209.4	86.6	86.6	
	296.0	105.0	105.0	
	293.9	191.6	191.6	✓
	38.9	−0.22	−0.22	
3 51.4		60.2	90 21	
	113.2	100.9	100.9	
	214.1	86.8	86.8	
	209.4	187.7	187.7	✓
	294.2	−0.14	−0.14	
B 18.0	A. Gb. 7601	51.1	86 17	
	224.8	53.5	53.5	
	278.3	66.3	66.3	✓
	311.7	119.8	119.8	
	18.0	+1.20	+1.20	
B 19.0		51.1	86 17	
	123.0	78.2	78.2	
	201.2	53.6	53.6	✓
	226.1	131.8	131.8	
	279.7	+0.94	+0.94	
B 21.2	A. Gb. 9770	49.5	87 41	
	45.0	59.1	59.1	
	104.1	77.8	77.8	✓
	128.9	136.9	136.9	
	216.7	+0.84	+0.84	

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

1907phae.proj.1243.

D 7864.

October 15, 1907

B 4 21.9	A.G. 9770	49.6	87 41
	303.2	82.0	82.0
	95.2	63.9	63.9
	42.2	145.9	145.9 ✓
	106.1	+0.66	+0.66
B 4 25.6	A.G. 5292	58.4	86 23
	236.9	36.0	36.0
	272.9	40.6	40.6
	324.8	76.6	76.6 ✓
	5.4	+2.30	+2.30
B 4 26.3		58.4	86 23
	139.3	47.8	48.1
	187.4	38.1	38.1
	231.4	86.2	86.2 ✓
	269.5	+2.02	+2.02
B 4 27.6	G.C.S. -16° 19	58.2	86 19
	60.3	26.7	26.7
	87.0	31.0	31.0
	148.8	57.7	57.7 ✓
	179.8	+2.95	+2.95
B 4 28.2		58.2	86 19
	327.0	34.6	34.6
	1.6	24.5	24.5
	61.3	59.1	59.1 ✓
	85.8	+2.89	+2.89

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

1907phae.proj.1243.

JD 7864.

October 15, 1907

3h 27.2	B.D.-86° 63	56.9	86 26
	942.0	20.8	20.8
	962.8	28.6	28.6
	328.8	49.4	49.4
	357.4	+3.30	+3.30
3h 30.2		56.9	86 26
	151.1	25.1	25.1
	176.2	17.6	17.6
	244.2	42.7	42.7
	261.8	+3.62	+3.62
3h 32.0	B.D.-86° 80	51.8	86 35
	62.4	23.6	23.6
	86.0	34.5	34.5
	144.7	58.1	58.1
	179.2	+2.93	+2.93
3h 32.6		51.8	86 38
	326.2	34.1	34.1
	0.3	25.8	25.8
	59.0	59.9	59.9
	84.8	+2.86	+2.86
3h 33.7	B.D.-86° 81	51.7	86 34
	942.1	23.2	23.2
	265.3	29.1	29.1
	330.3	52.3	52.3
	359.4	+3.17	+3.17

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

1907phae.proj.1243.

LD 7864

October 13, 1907

3 34.5	BD -86° 81	51.7	86 34
	~~49.3~~	~~28.6~~	29.6
	178.9	24.2	24.2
	~~241.6~~	~~52.8~~	53.8
	265.8	~~+3.15~~	+3.11
3 35.4	A.G. 6. 7601	52.4	86 04
	52.8	47.2	47.2
	100.0	69.5	69.5
	128.3	116.7	116.7
	197.8	+1.27	+1.27
3 36.0		52.6	86 04
	310.4	69.2	69.2
	19.6	51.2	51.2
	46.2	120.4	120.4
	97.4	+1.18	+1.18
3 37.2	A.G. 6. 9770	50.1	87 30
	219.3	62.1	62.1
	281.4	85.6	85.6
	302.2	147.7	147.7
	27.8	+0.62	+0.62
3 38.0		50.1	87 30
	125.3	78.0	78.0
	203.3	63.0	63.0
	220.9	141.0	141.0
	283.9	+0.75	+0.75

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

1907phae.proj.1243.

HD 7864.

October 15, 1907

3	39.5	G.P.D.-86°81	51.9	86 31	
		59.7	24.9	24.9	
		84.6	29.8	29.8	
		149.0	54.7	54.7	✓
		177.8	+3.07	+3.07	
3	40.5		51.9	86 31	
		329.0	27.0	27.0	
		356.0	18.8	18.8	
		64.2	45.8	45.8	✓
		83.0	+3.47	+3.47	
3	41.8	G.P.D.-86°80	52.7	86 39	
		240.6	26.1	26.1	
		266.7	32.0	32.0	✓
		326.0	58.1	58.1	
		358.0	+2.93	+2.93	
3	42.6		52.7	86 38	
		147.8	30.8	30.8	
		178.6	25.4	25.4	✓
		240.6	56.2	56.2	
		266.0	+3.01	+3.01	
3	44.2	G.P.D.-86°~~80~~ 53	57.7	86 29	
		62.8	21.3	21.3	✓
		84.1	26.1	26.1	
		150.9	47.4	47.4	
		177.0	+3.39	+3.39	

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

1907phae..proj..1243.

HD7864.

October 15, 1907

3 45.0	6P.D -86° 53	57.7	86 29
	331.3	24.9	24.9
	356.2	20.3	20.3
	61.6	45.2	45.2
	81.9	+3.50	+3.50
3 46.1	6P.D -86° 49	59.0	86 21
	240.5	23.4	23.4
	264.2	33.2	33.2
	328.0	56.6	56.6
	1.2	+2.99	+2.99
3 47.0		58.9	86 21
	147.7	33.3	33.3
	182.0	25.7	25.7
	241.4	59.0	59.0
	267.1	+2.90	+2.90
3 47.8	A.Gl. 5292	59.8	86 28
	58.8	33.9	33.9
	92.7	45.1	45.1
	139.9	79.0	79.0
	185.0	+2.22	+2.22
3 48.5		59.8	86 28
	318.3	48.7	48.7
	7.0	31.5	31.5
	56.8	80.2	80.2
	88.3	+2.19	+2.19

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

1907phae.proj.1243.

HD 7864.

October 15, 1907

# 50.8	A. Sla. 9770	50.8	87 29
	222.0	63.3	63.3
	285.3	86.4	86.4
	303.7	149.7	149.7
	30.1	+0.58	+0.58
4 50.8		50.8	87 29
	117.2	86.9	86.9
	204.1	63.7	63.7
	218.9	150.6	150.6
	282.6	+0.56	+0.56
4 51.5	A. Sla. 7601	54.0	86 04
	46.1	48.8	48.8
	94.9	71.4	71.4
	125.2	120.2	120.2
	199.6	+1.19	+1.19
4 52.2		54.0	86 04
	304.7	86.2	76.2
	20.9	51.5	51.5
	47.3	127.7	127.7
	98.8	+1.03	+1.03
4 53.2	J Det.	59.7	90 34
	216.8	74.3	74.3
	291.1	112.3	112.3
	266	186.6	186.6
	38.7	−0.13	−0.13

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

1907phae.proj.1243.

D7864.

October 15, 1907

4 54.1	δ Oct.	59.8	90 33
	111.3	105.6	105.6
	216.9	86.7	86.7
	207.7	192.3	192.3
	294.4	-0.23	−0.23
5 07.1	A.G. 6574 6800	26.4	28 40
	20.0	105.7	105.7
	125.7	119.4	119.4
	101.8	225.1	225.1
	221.2	-0.88	−0.88
5 09.8		26.9	28 40
	283.2	118.9	118.9
	42.1	111.3	111.3
	17.7	230.2	230.2
	129.0	-0.98	−0.98
5 10.7	A.G. 6800	31.7	28 41
	212.8	82.6	82.6
	295.4	83.6	83.6
	303.2	166.2	166.2
	26.8	+0.26	+0.26
5 11.2		32.2	28 41
	112.2	101.1	101.1
	213.3	86.8	86.8
	206.1	187.9	187.9
	292.9	-0.15	−0.15

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

1907phae.proj.1243.

LD 7864.

October 15, 1907

5	12.2	G.D.M. -29°2540	29.4	29 13
		54.2	35.6	35.6
		89.8	45.7	45.7
		138.7	81.3	81.3
		184.4	+2.16	+2.16
5	13.0		30.3	29 13
		319.3	42.9	42.9
		2.2	30.3	30.3
		57.4	73.2	73.2
		87.7	+2.40	+2.40
5	14.6	G.D.M. -29°2516	37.4	29 33
		237.0	31.0	31.0
		268.0	37.1	37.1
		325.0	68.1	68.1
		2.1	+2.57	+2.57
5	15.3		34.0	29 35
		145.3	35.1	35.1
		180.4	35.5	35.5
		237.7	70.6	70.6
		273.2	+2.49	+2.49
		G.D.M. 25 11		
5	16.6	~~G.D.M. -29° 2519~~	35.2	29 00
		63.2	20.6	20.6
		83.8	28.2	28.2
		150.0	48.8	48.8
		178.2	+3.33	+3.33

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

1907phae.proj.1243.

D 7864.

October 15, 1907

5 17.3	6 Gem -29°25'11	35.7	-29 00	
	329.2	26.0	26.0	
	355.2	23.2	23.2	
	61.0	49.2	49.2	✓
	84.2	+3.31	+3.31	
5 18.3	6 Gem -29°25'19	36.1	29 07	
	242.3	19.7	19.7	
	262.0	19.1	19.1	
	334.2	38.8	38.8	✓
	3533	+3.84	+3.84	
	1191.8			
	831.8			
5 19.0		36.7	29 07	
	152.7	~~30.3~~	180.3	
	333.0	19.9	19.9	✓
10.7	62.3	~~40.2~~	200.2	
9.2	82.2	~~+3.76~~	-0.38	
	630.2			
5 20.1	A.G. 66.6574	48.1	28 33	
	200.9	103.9	103.9	
	304.8	123.3	123.3	✓
	281.7	227.2	227.2	
	45.0	-0.92	-0.92	
	832.4	✓		
5 20.8		48.6	28 35	
	104.1	119.9	119.9	
	224.0	110.6	110.6	✓
	200.3	230.5	230.5	
	310.9	-0.99	-0.99	

832.1
208.0
45.
253.0
343.0
163.0
73.0

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

1907phae.proj.1243.

HD 7864.

October 15, 1907

5 21.8	G Lb 6800	~~41.7~~ 41.2	28 36
	36.7	78.5	78.5
	115.2	89.5	89.5
	116.2	168.0	168.0
	205.7	+0.23	+0.23
5 22.6		41.9	28 36
	294.2	97.7	97.7
	31.9	85.7	85.7
	25.2	183.4	183.4
	110.9	-0.06	-0.06
5 23.7	G DM-29°2519	40.9	29 00
	243.7	~~18.5~~	18.8
	262.5	16.6	16.6
	335.2	~~35.1~~	35.4
	351.8	~~+4.06~~	+4.04
5 24.6		41.8	29 00
	153.0	20.1	20.1
	173.1	18.0	18.0
	245.0	38.1	38.1
	263.0	+3.88	+3.88
5 25.5	G DM-29°2511	43.2	28 52
	61.2	~~23.8~~	22.8
	84.0	26.3	26.3
	150.7	~~50.1~~	49.1
	177.0	~~+3.27~~	+3.31

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

1907phae.proj.1243.

LD 7864.

October 15, 1907

5 26.4	6.9 M-29°2511	43.8	28	53
	332.8	23.5	23.5	
	356.3	22.0	22.0	
	62.8	45.5	45.5	
	84.8	+3.48	+3.48	
5 29.2	6.9 M-29°2516	44.8	29	29
	237.2	34.8	34.8	
	2720	36.9	36.9	
	326.1	71.7	71.7	
	30	+2.45	+2.45	
5 28.0		45.3	29	29
	145.9	36.8	36.8	
	182.7	31.6	31.6	
	238.0	68.4	68.4	
	269.6	+2.56	+2.56	
5 29.1	6.9 M-29°2540	44.9	28	58
	54.8	35.3	35.3	
	90.1	52.8	52.8	
	138.1	88.1	88.1	
	190.9	~~+1.70~~ +1.96	+1.96	
5 29.9		45.4	28	58
	323.0	42.9	42.9	
	5.9	32.5	32.5	
	57.4	75.4	75.4	
	89.9	+2.33	+2.33	

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

1907phae.proj.1243.

HD 7864.

October 15, 1907

5	30.6	A. Sk. 6800	49.0	28	29
		206.2	87.4	87.4	
		293.6	95.4	95.4	
		295.0	182.8	182.8	✓
		30.4	−0.05	−0.05	
5	31.5		49.7	28	28
		116.7	91.2	91.2	
		207.9	78.4	78.4	✓
		214.2	169.6	169.6	
		292.6	+0.20	+0.20	
5	32.3	A. Sk. 6594	48.8	28	29
		27.2	103.0	103.0	
		130.2	111.2	111.2	✓
		107.0	214.2	214.2	
		218.2	−0.66	−0.66	
5	33.0		49.3	28	29
		289.8	111.5	111.5	
		41.3	105.1	105.1	✓
		19.7	216.6	216.6	
		124.8	−0.71	−0.71	
5	34.6	J Oct.	59.4	90	39
		210.6	83.6	83.6	
		294.2	102.0	102.0	✓
		292.3	185.6	185.6	
		34.3	−0.11	−0.11	

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

1907phae.proj.1243.

JD 7864.

October 15, 1907

5 35.5	♂ Oct.	59.4	90 39
	112.8	104.0	104.0
	216.8	95.9	90.9
	204.0	199.9	199.9
	299.9	-0.38	-0.38

Sky hazy

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

1907phae.proj.1243.

JD 7865.

Series 5

Wednesday, October 16, 1907.

5 08.4	ζ Oct.	59.8	
	33.0	82.8	82.8
	115.8	102.0	102.0
	110.2	184.8	184.8 ✓
	212.2	−0.09	−0.09
5 09.6		59.8	
	287.9	108.9	108.9
	36.8	87.7	87.7
	32.1	196.6	196.6
	119.8	−0.30	−0.32 ✓
5 13.5	A.G.C. 7601	55.2	85 58
	228.2	47.1	48.1
	276.3	61.4	61.4 ✓
	312.8	108.5	109.5
	14.2	+1.43	+1.43
5 14.3		55.2	85 58
	128.0	68.8	68.8
	196.8	50.6	50.6
	227.1	119.4	119.4 ✓
	277.7	+1.21	+1.21
5 15.5	A.G.C. 9770	51.8	87 19
	42.2	64.9	64.9 ✓
	107.1	77.4	77.4
	123.9	142.3	142.3
	201.3	+0.73	+0.73

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

1907phae..proj..1243.

LD 7865.

October 16, 1907

5 16.3	A.G. 9770	51.8	87 19
	301.9	81.3	81.3
	93.2	56.7	56.7
	45.0	138.0	138.0
	101.7	+0.81	+0.81
5 18.0	A.G.C. 5292	61.3	86 34
	237.9	30.4	30.4
	268.3	49.9	49.9
	319.3	80.3	80.3
	9.2	+2.19	+2.19
5 18.8		61.3	86 34
	141.0	47.9	47.9
	188.9	31.8	31.8
	237.1	79.7	79.7
	268.9	+2.20	+2.20
5 19.9	G.P.S. - 86° 49	61.1	86 27
	61.8	22.5	22.5
	84.3	32.7	32.7
	146.8	55.2	55.2
	179.5	+3.05	+3.05
5 20.8		61.1	86. 27
	326.2	36.2	36.2
	2.4	22.0	22.0
	62.3	58.2	58.2
	84.3	+2.93	+2.93

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

1907phae.proj.1243.

ID 7865

October 16, 1907

5 22.0	6 P.D. -86° 53	59.6	86 31
	245.0	17.1	17.1
	262.1	25.1	25.1
	329.9	42.2	42.2 ✓
	355.0	+3.65	+3.65
5 22.8		59.7	86 31
	150.8	26.0	26.0
	176.8	19.8	19.8 ✓
	242.9	45.8	45.8
	262.7	+3.47	+3.47
5 24.3	6 P.D. -86° 80	55.1	86 27
	61.1	22.7	22.7
	83.8	38.9	30.9 ✓
	149.1	53.6	53.6
	180.0 ~~327.8~~ wrong reading	+3.11	+3.11
5 25.8		55.1	86 27
	148.3	30.4	30.4
	178.7	22.8	22.8 ✓
	240.3	53.2	53.2
	263.1	+3.13	+3.13
5 26.9	6 P.D. -86° 81	55.1	86 20
	64.3	19.6	19.6
	83.9	29.1	29.1 ✓
	148.7	48.7	48.7
	177.8	+3.33	+3.33

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

1907phae.proj.1243.

LD 7865.

October 16, 1907

5	27.6	6 P.T. -86° 81	55.1	86 20
		330.2	~~28.5~~	29.5
		359.7	20.7	20.7
		62.0	~~49.2~~	50.2
		82.7	~~+3.31~~	+3.26
5	29.2	A.6. 7601	56.2	85 57
		227.1	50.7	50.7
		277.8	64.2	64.2
		308.2	114.9	114.9
		12.4	+1.31	+1.31
5	30.0		56.6	85 58
		130.3	~~63.5~~	64.5
		194.8	~~43.6~~	53.6
		225.3	~~107.1~~	118.1
		278.9	~~+1.49~~	+1.23
5	30.9	A.6. 9770	53.0	87 11
		40.2	60.8	60.8
		101.0	83.0	83.0
		121.2	143.8	143.8
		204.2	+0.70	+0.70
5	31.6		53.0	87 11
		305.4	~~77.5~~	78.5
		23.9	61.1	61.1
		43.9	139.6	139.6
		105.0	+0.78	+0.78

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

1907phae.proj.1243.

LD 7865.

October 16, 1907

5 32.8	6PD -86° 81	55.7	86 19
	242.0	22.3	22.3
	264.3	26.1	26.1
	330.9	48.4	48.4
	357.0	+3.34	+3.34
5 33.6		55.7	86 19
	149.8	29.8	29.8
	179.6	21.1	21.1
	243.0	50.9	50.9
	264.1	+3.24	+3.24
5 34.8	6PD -86° 80	56.0	86 24
	61.3	24.4	24.4
	85.7	33.0	33.0
	147.9	57.4	57.4
	180.9	+2.96	+2.96
5 35.6		56.0	86 25
	328.3	29.9	29.9
	358.2	21.4	21.4
	63.3	51.3	51.3
	84.7	+3.22	+3.22
5 36.9	6PD -86° 53	60.7	86 31
	244.0	19.2	19.2
	263.2	24.2	24.2
	331.2	43.4	43.4
	355.4	+3.59	+3.59

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

1907phae.proj.1243.

LD 7865.

October 16, 1907

5 37.8	6 Q Y -86° 53	60.7	86 31	
	151.3	25.8	25.8	
	177.1	18.1	18.1	
	244.2	43.9	43.9	✓
	26 23	+3.56	+3.56	
5 38.7	6 P.D -86° 49	62.3	86 31	
	62.9	21.5	21.5	
	84.4	29.9	29.9	✓
	148.8	51.4	51.4	
	178.7	+3.21	+3.21	
5 39.7		62.4	86 31	
	329.1	~~28.6~~	29.6	
	358.7	~~23~~ 24.8	23.8	
	60.8	~~52.4~~	53.4	✓
	84.6	~~+3.17~~	+3.12	
5 40.5	A.G. 6, 5292	63.1	86 38	
	235.5	~~33.4~~	34.4	
	269.9	39.1	39.1	
	323.7	~~72.5~~	73.5	✓
	2.8	~~+2.43~~	+2.39	
5 41.3		63.0	86 38	
	140.8	47.4	47.4	✓
	188.2	31.2	31.2	
	236.0	78.6	78.6	
	267.2	+2.24	+2.24	

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

1907phae.proj.1243.

LD 7865.

October 16, 1907

5 42.6	A.56.9770	53.4	87 04
	44.4	56.0	56.0
	100.4	~~77.9~~	77.9
	120.9	133.9	133.9 ✓
	198.8	+0.90	+0.90
5 43.5		53.4	87 07
	301.1	83.8	83.8
	24.9	63.2	63.2 ✓
	45.9	147.0	147.0
	109.1	+0.63	+0.63
5 45.2	A.56.7601	✕ 57.3	85 54
	223.9	56.1	56.1
	280.0	61.0	61.0 ✓
	312.7	117.1	117.1
	13.7	+1.26	+1.26
5 46.0		✕ 57.3	85 54
	126.3	70.7	70.7
	197.0	54.8	54.8 ✓
	224.0	125.5	125.5
	278.8	+1.07	+1.07
5 47.6	T Oct.	59.2	90 39
	30.8	81.0	81.0
	111.8	104.8	104.8 ✓
	112.7	185.8	185.8
	217.5	−0.11	−0.11

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

1907phae.proj.1243.

HD 7865.

October 16, 1907

5 48.5	T Oct.	59.2	90 39	
	291.0	104.1	104.1	
	35.1	87.3	87.3	
	28.9	191.4	191.4	✓
	116.2	~~-0.20~~	-0.22	

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

1907phae.proj.1243.

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

1907phae..proj..123..

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

1907phae.proj.1243.

DD 7867.

Friday October 18, 1907

Series of 5

20 42.2	ζ Geb	59.4	89 19
	33.9	78.7	78.7
	112.6	106.5	106.5
	111.6	185.2	185.2
	218.1	−0.10	−0.10
20 49.1		59.5	89 19
	288.8	107.4	107.4
	36.2	81.0	81.0
	34.1	188.4	188.4
	115.1	−0.16	−0.16
20 51.8	A.R. 7997	63.2	18 02
	215.2	79.2	77.2
	295.4	79.3	77.3
	305.4	154.5	154.5
	22.7	+0.49	+0.49
20 52.6		64.1	18 02
	125.9	74.5	74.5
	203.4	74.1	74.1
	279.0	148.6	148.6
	293.1	+0.60	+0.60
20 55.2	A.R. 8019	60.0	68 30
50.0	42.3	64.9 1.9 58.1	64.7 −68 42
5.2	107.0	87.2	87.2 +12
.36	119.8	151.9	151.9
312	207.0	+0.54	+0.54
156			
1.9			

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

1907phae.proj.1243.

LD7867.

October 18, 1907

20 56.2	HR. 8019	60.1	68 31
	295.1	90.7	90.7
	285	65.7	65.7
	41.1	156.4	156.4 ✓
	106.8	+0.45	+0.45
20 57.6	HR. 8050	60.2	27 49
	215.3	79.2	79.2
	294.5	89.4	89.4 ✓
	299.7	168.6	168.6
	29.1	+0.22	+0.22
20 58.6		61.1	27 49
	119.9	85.9	85.9
	205.5	81.9	81.9
	212.9	167.8	167.8 ✓
	294.8	+0.23	+0.23
21 02.4	HR. 8052	59.7 1.9	76 31
20 54.3	44.7	57.0 57.8	57.0 −76 42
8.1	101.7	71.6	71.6 +11 ✓
.23	128.8	128.6	128.6
243	200.4	+1.01	+1.01
162			
1.9			
21 03.1		59.8	76 31
	300.4	74.5	74.5
	22.9	51.2	51.2 ✓
	47.9	125.7	125.7
	99.1	+1.07	+1.07

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

1907phae.proj.1243.

LD 7867.

October 18, 1907

21 05.9	HR. 8081	60.1	72 51		
20 58.7	216.1	76.6	2.1 / 58.0	76.6 − 73	3
7.2	292.7	89.0		89.0	+12
.29	301.4	165.6		165.6	
648	30.4	+0.27		+0.27	
144					
2.1					
21 06.7		60.2	72 51		
	115.1	97.3		97.3	
	212.4	69.1		69.1	
	220.7	166.4		166.4	
	289.8	+0.26		+0.26	
21 09.2	HR. 8111	59.1	75 41		
	45.2	55.5		55.5	
	100.7	82.3		82.3	
	120.9	137.8		137.8	
	203.2	+0.82		+0.82	
21 10.1		59.2	75 41		
	297.4	86.5		86.5	
	23.9	64.4		64.4	
	40.4	150.9		150.9	
	104.8	+0.56		+0.56	
21 12.0	HR. 8142	59.1	28 52		
	212.1	79.2		79.2	
	291.3	83.8		83.8	
	303.8	163.0		163.0	
	27.6	+0.34		+0.32	

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

1907phae..proj..1243..

DD7867.

October 18, 1907

21 12.9	HR. 8142	59.8	28 53
	123.2	82.8	83.8
	207.0	80.2	80.2
	216.8	164.0	164.0 ✓
	297.0	+0.30	+0.30
			26 28
21 15.5	HR. 8148	61.2	27 53
	42.9	69.0	67.0
	109.9	74.9	74.9 ✓
	123.3	141.9	141.9
	198.2	+0.74	+0.74
21 16.4		61.9	26 28
	306.0	83.2	83.2
	29.2	67.2	67.2 ✓
	39.9	150.4	150.4
	107.1	+0.57	+0.57
21 18.3	HR. 8152	62.3	50 11
	215.7	99.1	77.1
	292.8	92.8	92.8
	295.1	169.9	169.9 ✓
	27.9	+0.19	+0.19
21 19.3		62.9	50 11
	117.3	88.8	88.8
	206.1	70.2	70.2 ✓
	218.0	159.0	159.0
	288.2	+0.40	+0.40

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

1907phae.proj.1243.

LD 7867.

October 15. 1907

21 22.9	A.R. 8159	60.9	72 04
	37.8	71.9	71.9
	109.7	94.1	94.1
	119.8	166.0	166.0
	213.9	+0.27	+0.27
21 23.8		61.1	72 07
	299.7	93.0	93.0
	32.7	80.1	80.1
	33.2	173.1	173.1
	113.3	+0.13	+0.13
21 27.1	A.R. 8177	66.9	46 50
	216.6	73.6	73.6
	289.2	92.8	92.8
	299.0	166.4	166.4
	31.8	+0.26	+0.26
21 27.8		67.3	46 51
	117.3	93.5	93.5
	210.8	78.0	78.0
	212.4	171.5	171.5
	290.4	+0.16	+0.16
21 31.0	A.R. 8184	71.8	22 53
	39.4	73.3	73.3
	112.7	84.0	84.0
	121.7	157.3	157.3
	205.7	+0.43	+0.43

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

1907phae.proj.1243.

D 7867.

October 18, 1907

21 31.5	H.R. 8194	72.6	22 53
	299.6	86.6	86.6
	26.2	75.0	75.0
	36.2	161.6	161.6 ✓
	111.2	+0.35	+0.35
21 36.0	H.R. 8211	68.4	54 01
	209.9	83.0	83.0
	292.9	83.9	83.9
	304.9	166.9	166.9 ✓
	28.8	+0.25	+0.25
21 36.7		68.8	54 01
	127.2	80.9	80.9
	208.1	76.1	76.1
	218.2	157.0	157.0 ✓
	294.3	+0.44	+0.44
21 39.3	H.R. 8233	67.9	53 02
	46.7	60.2	60.2
	106.9	83.4	83.4
	124.7	143.6	143.6 ✓
	208.1	+0.70	+0.70
21 40.0		68.2	53 02
	300.5	86.8	86.8
	27.3	71.5	71.5
	36.1	158.3	158.3 ✓
	107.6	+0.41	+0.41

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

1907phae.proj.1243.

AD 7867.

October 18, 1907

21 42.6	H.R. 8241	70.9	43 13
	215.2	81.0	81.0
	296.2	94.3	94.3
	298.8	175.3	175.3
	33.1	+0.09	+0.09
21 43.5		71.2	43 12
	117.8	92.4	92.4
	210.2	78.3	78.3
	214.1	170.7	170.7
	292.4	+0.17	+0.17
21 45.7	H.R. 8247	75.9	23 39
28.1	37.0	76.6 (16.0 / 59.7)	76.6 24 0
17.6	113.6	93.7	93.7 +21
.91	117.7	170.3	170.3
176	211.4	~~+0.19~~	+0.18
1584			
16.0			
21 46.6		76.4	23 39
	300.0	88.8	88.8
	28.8	74.0	74.0
	37.2	162.8	162.8
	111.2	+0.33	+0.33
	H.R. 8269		

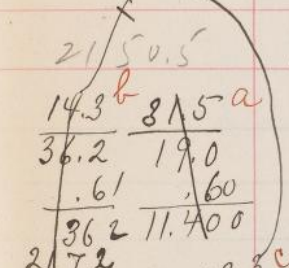
John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1997phae.proj.1243.

JD 7867.

October 18, 1901

G.P.D. −52° 11862, 7.5



21 50.5 — 14.3 b 36.2 .61 362 2172 22.1 — 81.5 a 19.0 .60 11.400 — 13.5 c 37.2 .61 872 22372 22.1

AR. 8269

220.2
280.7
310.0
26.3
123.8
205.9
221.8
282.7

82.1 — 22.7 c 59.4 — 60.5 — 96.3 — 136.8 — +0.84

82.1 — 11.4 a 70.7 — 60.5 — 76.3 — 136.8 — +0.84

52 22 — 60.5 − 52 — 55 a + 83 ✓

22.1 b 60.0 — −52 — 28 b +6

−52° 24 c +2

21 52.0 — 81.5 — 20.5 .60 12.300

83.0 — 82.1 — 60.9 — 143.0 — +0.71

82.1 — 12.3 — 70.7 — 82.1 — 60.9 — 143.0 — +0.71

~~21 58.8~~ ~~A.R. 8271~~ ~~84.6 84.0~~

~~237.0~~ ~~277.0~~

22 ~~07.0~~ ~~02.2~~

A.R. 8271

21 31.7 — 35.3 .55 1765 1765 — 14.4

40.6 ~~230.0~~
109.9 ~~276.9~~
122.0
208.6

~~21.9~~ 78.9 — 69.3 — 86.5 — 155.8 — +0.46

69.3 — 19.4 — 59.5 — 69.3 − 56 — 18 — 0 ✓ — 86.5 — 155.8 — +0.46

22 17.8

299.3
29.9
42.0
109.8

79.1 — 90.6 — 69.8 — 158.4 — +0.41

56 19 — 90.6 — 67.8 — 158.4 — +0.41

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

1907phae.proj.1243.

AD 7867.

b

-25° 15571, 73? October 18, 1907

22 19.9 H.R. 8282 89.1 25 17

29.8 2 34.6 a 21 32.7 924.8 29.2 b 56.9 81.8 a 56.9 40 a
29.9 35.3 37.2 281.7 59.9 57.3 +23
.90 .90 .90 315.8 59.9 59.9
26.970 31.770 33.480 15.7 116.8 116.8
37.4 b +2.26 83.5 +1.26 −25 28 ✓ b
32.5 56 ##
.90 +11
29.250

22 10.6 90.7 32.4 25 17

37.4 34.6 133.8 59.3 58.3 59.3
33.2 36.0 193.1 53.3 53.3
.90 .90 228.3 112.6 112.6 ✓
29.880 32.400 281.6 +1.36 29.9 +1.36
60.8

22 32.2 H.R. ~~8352~~ 8614 59.3 28 54

31.8 40.4 68.0 .3 68.0 29 24
0.4 108.4 59.0 +26 ✓
.87 120.1 85.5 85.5
.848 205.6 153.5 153.5
+0.51 +0.51

22 33.0 59.9 28 57

301.2 86.9 86.9
28.1 75.5 75.5 ✓
38.2 162.4 162.4
113.7 +0.33 +0.33

22 34.5 H.R. 8635 58.7 47 31

35.2 208.8 85.4 .5 59.2 85.4 51
0.7 294.2 93.9 93.9 +20
.67 298.1 179.3 179.3
.469 32.0 +0.01 +0.01

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

1907phae.proj.1243.

AD 7867.

October 18, 1907

22 35.4	H.R. 8635	59.1	47 31
862	111.2	103.2	103.2 #4
	214.4	88.0	88.0
	211.8	191.2	191.2
	295.8	−0.21	−0.21
22 36.8	H.R. 8646	59.0	60 51
862	39.2	71.0 ·3 58.7	71.0 −61 9
·6	110.2	91.4	91.4 +18
·48	119.1	162.4	162.4
·288	210.5	+0.33	+0.33
22 37.5		59.2	60 51
	297.7	93.1	93.1
	30.8	71.3	71.3
	37.9	164.4	164.4
	109.2	+0.30	+0.30
22 39.3	H.R. 8658	59.4	49 19
	220.8	71.3	71.3
	292.1	84.1	84.1
	299.8	155.4	155.4
	23.9	+0.47	+0.47
22 40.1		~~60~~ 59.9	49 19
	122.7	81.7	81.7
	204.4	66.1	66.1
	220.9	147.8	147.8
	289.0	+0.62	+0.62

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

1907phae.proj.1243.

JD 7867.

October 18, 1907

22 41.6	H.R. 8662	60.5	47 17
	41.4	63.6	63.6
	105.0	80.7	80.7
	122.4	~~154.3~~	144.3
	203.1	~~+0.49~~	+0.69
22 42.6		60.3	47 17
	301.1	88.9	88.9
	30.0	70.0	70.0
	39.7	158.9	158.9
	109.7	+0.40	+0.40
22 46.5	H.R. 8664	69.9	77 28
	~~294.3~~ 49.9	54.8	54.8
	104.7	79.7	79.7
	124.2	134.5	134.5
	203.9	+0.89	+0.89
22 47.0		60.0	77 28
	306.2	~~73.8~~	74.7
	20.9	58.3	58.3
	45.6	~~134.1~~	133.0
	103.9	~~+0.94~~	+0.92
22 51.5	H.R. 8669	64.4	62 03
	218.8	72.4	72.4
	291.2	98.5	98.5
	294.7	170.9	170.9
	33.2	+0.17	+0.17

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

1907phae.proj.1243.

LD 7867.

October 18, 1907

22 52.4	HR 8669	64.9	
	122.9	85.9	85.9
	~~288.8~~	80.4	80.4
	213.8	166.3	166.3 ✓
	~~294.2~~	~~+0.26 +0.65~~	+0.26
22 54.0	HR 8672	62.9	70 46
	36.5	71.6	71.6
	108.4	84.7	84.7
	120.6	156.3	156.3 ✓
	205.3	~~+0.51~~	+0.45
22 54.8		63.1	70 47
	300.1	87.5	87.5
	27.6	64.8	64.8
	42.2	152.3	152.3 ✓
	107.0	+0.53	+0.53
22 56.6	HR 8674	73.3	26 11
141.1	215.0	78.0 13.8 59.5	78.0 34 +23
15.5	293.0	91.5	91.5 ✓
.89	301.8	169.5	169.5
1395	33.3	+0.20	+0.20
1240			
13.8			
22 57.3		73.9	26 11
	119.7	85.4	85.4
	205.1	86.1	86.1 ✓
	210.0	171.5	171.5
	296.1	+0.16	+0.16

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

1907phae.proj.1243.

AD 7867.

October 18, 1907

23 02.8	H.R. 8686	68.7	60 19
	45.9	66.1	66.1
	112.0	82.5	82.5
	123.8	148.6	148.6 ✓
	206.3	+0.60	+0.60
23 03.5		89.0	60 19
	301.2	86.7	86.7
	27.9	62.5	62.5
	42.4	149.2	149.2 ✓
	104.9	+0.59	+0.59
23 05.0	H.R. 8700	71.6	49 01
	213.2	81.8	81.8
	295.0	101.8	101.8 ✓
	294.9	183.6	183.6
	36.7	−0.07	−0.07
23 05.7		72.	49 01
	112.4	103.6	103.6
	216.0	82.6	82.6
	212.8	186.2	186.2 ✓
	295.4	−0.12	−0.12
23 09.2	H.R. 8746	73.7	25 52
	34.2	~~78.5~~	79.5
	113.7	84.7	84.7 ✓
	122.4	~~+63.2~~	164.2
	307.1	~~+0.33~~	+0.30

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

1907phae.proj.1243.

HD 7867.

October 18, 1907

23 10.0	H.R. 8746	76.3	95 52
	298.1	79.1	79.1
	17.2	75.8	75.8
	35.3	154.9	154.9
	111.1	+0.48	+0.48
23 12.7	H.R. 8764	75.8	21 09
	210.3	85.6	85.6
	295.9	94.5	94.5
	297.5	180.1	180.1
	32.3	0.00	0.00
23 13.6		76.4	21 08
	114.1	96.3	96.3
	210.4	90.1	90.1
	210.4	186.4	186.4
	300.5	−0.12	−0.12
23 15.3	ζ Ori.	60.8	89 39
	35.8	84.1	84.1
	119.9	101.6	101.6
	~~307.4~~ 294.4	185.7	185.7
	36.0	−0.11	−0.11
23 16.7		60.7	89 39
	108.8	108.2	108.2
	217.0	86.5	86.5
	209.3	194.7	194.7
	295.8	−0.28	−0.28

Copied to here Oct 19, '07

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

1907phae.proj.1243.

LD 7893.

Wednesday, November 13, 1907.

Swift 25

7 00.3	J Set.	58.2	
	207.8	86.0	86.0
	293.8	103.1	103.1
	292.9	189.1	189.1
	36.0	-0.17	-0.17
7 01.0		58.2	
	115.2	100.9	100.9
	216.1	86.0	86.0
	209.0	186.9	186.9
	295.0	-0.13	-0.13
7 17.0	A.Lb. 10211	41.7	46 23
	18.9	106.5	106.5
	125.4	126.3	126.3
	101.1	232.8	232.8
	227.4	-1.04	-1.04
7 18.0		42.2	46 23
	284.0	114.8	114.8
	38.8	106.8	106.8
	17.0	221.6	221.6
	123.8	-0.81	-0.81
7 9 18.8	A.Lb. 10268	41.8	46 10
	190.0	129.8	129.8
	319.8	147.9	147.9
	270.1	277.7	277.7
	58.0	-2.13	-2.13

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

1007phae.proj.1243.

LD 7893.

November 13, 1907

7	19.8	A. Lb. 10268	42.6	46	10
		92.8	142.1	142.1	
		234.9	126.2	126.2	
		192.7	268.3	268.3	
		318.9	-1.87	-1.87	
7	21.0	A. Lb. 10269	43.8	46	39
		32.3	84.7	84.7	
		117.0	105.7	105.7	
		109.2	190.4	190.4	
		212.9	-0.20	-0.20	
7	21.8		44.2	46	39
		286.0	114.9	114.9	
		40.9	89.5	89.5	
		29.4	204.4	204.4	
		118.9	-0.47	-0.47	
7	23.0	A. Lb. 10122	47.9	46	43
		216.8	68.5	68.5	
		285.3	82.0	82.0	
		299.9	150.5	150.5	
		21.9	+0.57	+0.57	
7	24.0		48.4	46	43
		118.8	88.2	88.2	
		207.0	67.1	67.1	
		220.9	155.3	155.3	
		288.0	+0.44	+0.47	

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

1907phae.proj.1243.

LD 7893.

November 13, 1907

7 25.0	A.Lb. 10219	47.4	46 48
	39.8	61.4	61.4
	101.2	77.3	77.3
	124.4	138.7	138.7
	201.7	+0.80	+0.80
7 26.0		48.0	46 47
	304.9	80.2	80.2
	25.1	68.4	68.4
	38.6	148.6	148.6
	107.0	+0.60	+0.60
7 26.9	A.Lb 10191	49.1	46 48
	230.4	~~46.4~~	47.4
	277.8	61.7	61.7
	315.1	~~108.1~~	109.1
	16.8	~~+1.46~~	+1.44
7 27.8		49.7	46 48
	137.8	54.8	54.8
	192.6	44.9	44.9
	228.8	99.7	99.7
	273.7	+1.66	+1.66
7 28.8	Zb VII 9215	49.9	46 49
	54.6	37.6	37.6
	92.2	60.3	60.3
	134.6	97.9	97.9
	194.9	+1.71	+1.71

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

1907phae.proj.1243.

HD 7893.

November 13, 1907

7	29.8	26 VII 3215	50.4	46	49
		314.9	60.9	60.9	
		13.8	45.5	45.5	
		47.0	106.4	106.4	✓
		92.5	+1.50	+1.50	
7	31.0	26 VII 3263	51.7	47	50
		230.3	42.5	42.5	
		272.8	38.9	38.9	
		325.2	81.4	81.4	✓
		4.1	+2.15	+2.15	
7	31.9		51.8	47	50
		141.4	42.6	42.6	
		184.0	37.7	37.7	
		235.3	80.3	80.3	✓
		273.0	+2.19	+2.19	
7	33.5	26 VII 3184	54.1	47	51
		60.4	26.6	26.6	
		97.0	34.9	34.9	
		147.0	61.5	61.5	✓
		181.9	+2.80	+2.80	
7	34.6		54.8	47	51
		325.2	38.5	38.5	
		3.7	26.0	26.0	
		60.9	64.5	64.5	✓
		86.9	+2.69	+2.69	

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

1907phae.proj.1243.

AD 7893.

November 13, 1907

7 35.7	A.Lb. 10211	55.1	46 17	
	199.8	103.6	103.6	
	303.4	124.8	124.8	
	281.0	228.4	228.4	v
	45.6	-0.95	-0.95	
7 36.7		55.8	46 17	
	104.6	116.5	116.5	
	221.1	105.0	105.0	
	200.9	221.5	221.5	✓
	305.9	-0.80	-0.80	
7 37.7	A.Lb. 10268	55.4	46 00	
	17.8 (? 7.8)	138.6	138.6	
	146.4	143.4	143.4	
	89.4	282.0	282.0	✓
	232.8	-2.25	-2.25	
7 38.7		56.0	46 00	
	273.0	143.8	143.8	
	56.8	~~134.5~~	133.5	
	8.3	~~278.3~~	277.3	✓
	141.8	~~-2.14~~	-2.12	
7 39.6	A.Lb. 10269	56.8	46 31	
	203.2	~~83.8~~	93.8	
	297.0	117.4	117.4	
	288.0	~~201.2~~	211.2	✓
	45.4	~~-0.40~~	-0.60	

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

1907phae.proj.1243.

J D 7893.

November 13, 1907

7 40.4	a. Bl. 10269	57.2	46	31
	112.3	106.6	106.6	
	218.9	90.6	90.6	
	206.9	197.2	197.2	✓
	297.5	-0.33	-0.33	
7 41.5	36. VII 3184	59.0	47	49
	39.2	28.6	28.6	
	87.8	41.3	41.3	✓
	142.0	69.9	69.9	
	183.3	+2.51	+2.51	
7 42.2		59.4	47	49
	324.9	36.8	36.8	
	1.7	32.3	32.3	✓
	58.0	69.1	69.1	
	90.3	+2.54	+2.54	
7 43.2	36. VII 3263	59.3	46	52
	235.0	36.9	36.9	
	271.9	43.6	43.6	
	322.0	80.5	80.5	✓
	5.6	+2.18	+2.18	
7 44.0		60.0	46	52
	140.3	44.1	44.1	
	184.4	37.6	37.6	
	233.0	81.7	81.7	✓
	270.6	+2.14	+2.14	

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

1907phae.proj.1243.

JD 7893.

7 45.0	26 ~~VII~~ 3215	61.0	46 42
	52.1	42.9	42.9
	95.0	55.4	55.4
	140.3	98.3	98.3 ✓
	195.7	+1.70	+1.70
7 45.9		61.3	46. 42
	320.8	~~67.6~~	47.6
	8.4	37.4	37.4
	56.7	~~+05.0~~	85.0 ✓
	94.1	~~+1.54~~	+2.05
7 46.5	A Lb. 10191	62.7	46 42
	230.9	48.2	48.2
	279.1	51.8	51.8
	317.0	100.0	100.0 ✓
	8.8	+1.66	+1.66
7 47.3		63.2	46 41
	138.7	52.1	52.1
	190.8	45.5	45.5
	232.1	97.6	97.6 ✓
	277.6	+1.72	+1.72
7 48.2	A Lb 10219	63.7	46 41
	40.3	60.1	60.1
	100.4	70.1	70.1 ✓
	129.6	130.2	130.2
	199.1	+0.97	+0.97

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

1907phae.proj.1243.

SD 7893.

7 48.9	A Db. 10219	64.1	46 41	
	305.3	81.6	81.6	
	26.9	64.1	64.1	
	39.8	145.7	145.7	v
	103.9	+0.66	+0.66	
7 49.7	A. Db. 10122	66.9	46 41	
	218.1	68.1	68.1	
	286.2	79.7	79.7	v
	306.3	147.8	147.8	
	26.0	+0.62	+0.62	
7 50.5		67.2	46 41	
	123.1	81.6	81.6	
	204.7	~~66.4~~	66.5	v
	221.8	~~148.0~~	148.1	
	288.3	+0.61	+0.61	
7 51.2	A. Db. 10269	64.7	46 30	
	29.8	88.4	88.4	
	118.2	107.9	107.9	v
	108.4	196.3	196.3	
	216.3	-0.31	-0.31	
7 52.0		63.1	46 31	
	289.4	112.6	112.6	v
	42.0	91.4	91.4	
	27.3	204.0	204.0	
	118.7	-0.46	-0.46	

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

1907phae.proj.1243.

AD7893.

7 52.7	A. Sle. 10268	66.0	46 02
	186.4	137.0	137.0
	323.4	141.9	141.9
	273.0	278.9	278.9
	54.9	-2.16	-2.16
7 53.5		66.6	46 00
	90.0	140.8	140.8
	230.8	130.8	130.8
	185.9	271.6	271.6
	316.7	-1.96	-1.96
7 54.5	A. Sle. 10211	68.1	
	22.2	110.6	110.6
	132.8	123.3	123.3
	101.7	233.9	233.9
	225.0	-1.06	-1.06
7 55.2		68.4	
	284.6	123.1	123.1
	47.7	111.6	111.6
	21.9	234.7	234.7
	133.6[5]	-1.08	-1.08
7 56.5	J Oct.	57.7	90 42
	207.2	88.9	88.9
	296.1	103.1	103.1
	292.1	192.0	192.0
	35.2	-0.23	-0.23

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

1907phae..proj..1243.

HD 7893.

7 57.2	8 Oct.	57.7	90	42
	112.4	105.5	105.5	
	217.9	~~91.0~~	89.0	
	208.2	~~+96.5~~	194.5	✓
	297.2	~~-0.31~~	-0.27	

Gas light strong at close.

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

1907phae.proj.1243.

HD 7898.

Monday, November 18, 1907

23 24.0
Series No 5

	J Dec.	60.9	89 39
	203.9	99.1	99.1
	303.0	106.7	106.7
	286.9	205.8	205.8
	33.6	-0.49	-0.49

23 25.0

	60.9	89 39
108.2	106.9	106.9
216.1	92.8	92.8
202.3	199.7	199.7
295.1	~~-0.36~~	-0.38

23 27.1

H.R. 9	28.8	23 39
27.3	92.1	92.1
119.4	87.2	87.2
122.1	179.3	179.3
209.3	+0.01	+0.01

23 28.0

	29.1	23 39
292.4	99.7	99.7
32.1	86.1	86.1
31.1	185.8	185.8
117.2	-0.11	-0.11

23 30.5

H.R. 32	49.0	73 50
222.2	62.8	62.8
285.0	87.2	87.2
298.9	150.0	150.0
26.1	+0.58	+0.58

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

1907phae.proj.1243.

D 7898.

Nov. 18, 1907

23 31.3	HR. 32	49.3	13 49
	124.3	81.5	81.5
	205.8	62.9	62.9
	221.7	144.4	144.4
	284.6	+0.69	+0.69
23 33.3	HR. ~~57~~ 43	128.9	26 56
	80.9	88.5	88.5
	119.4	97.2	97.2
	113.9	185.7	185.7
	211.1	-0.11	−0.11
23 34.1		29.8	26 56
	294.1	103.8	103.8
	37.9	86.7	86.7
	31.3	190.5	190.5
	118.0	-0.20	−0.20
23 ~~34~~ 46.3	HR. ~~19~~ 58	~~53~~ 53.3 5.5 58.8	~~75~~ 76 ~~59~~ 25
0 10.2	231.9 45.3	54.8	54.8 86 +11
23.9	~~272.9~~ 100.1	82.1	82.1
.23	317.2 125.0	136.9	136.9
717	207.1	+0.84	+0.84
478			
5.5			
23 47.		53.7	76 25
	302.1	79.9	79.9
	220	~~62.9~~	61.9
	42.1	~~142.8~~	141.8
	104.0	~~+0.72~~	+0.74

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

1907phae.proj.1243.

HD 7898.

Nov. 15, 1907

b
−79° 8, 7.6

23 51.0 H.R. 64, 6.4 55.2 79 41

0 | a | b | | a | a
11.2 | 12.4 | 234.2 | 35.8 | 5.6 / 58.8 | 30.8 | 28 / −23
20.2 | 21.4 | 270.0 | 45.4 | | 48.4 |
.18 | .17 | | 81.2 | | 81.2 |
16.16 | 1498 | 321.6 | +2.16 | 86 b / 588 | +2.16 | 56 b / +15
202 | 214 | 7.0 | | | |
3.6 | 3.6 | | | | |

23 51.9 55.3 79 41

1400 | 48.0 | 48.0
188.0 | 39.6 | 39.6
233.6 | 87.6 | 87.6
273.2 | +1.98 | +1.98

23 54.3 H.R. 87. 54.7 77 56

0 | 4.6 | | | |
16.1 | 80.2 59.3 | 80.2 | 78 | 7
21.8 | 31.8 | 92.4 | 92.4 | + 11
.21 | 112.0 | 172.6 | 172.6 |
218 | 115.4 | +0.14 | +0.14 |
4 36 | 208.2 | | |
4.6 | | | |

23 55.2 54.9 77 57

292.1 | 102.2 | 102.2
34.3 | 75.2 | 75.2
36.8 | 177.4 | 177.4
112.0 | +0.05 | +0.05

23 58.1 H.R. 102 58.8 25 58

213.8 | 80.0 | 80.0
293.8 | 102.6 | 102.6
293.8 | 182.6 | 182.6
36.4 | −0.05 | −0.05

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

1907phae.proj.1243.

JD 7898.

Nov. 18, 1907

23 58.9	AR. 102	39.6	25′ 58	
	117.2	97.6	97.6	
	214.5	91.8	91.8	
	206.2	189.4	189.4	✓
	298.0	-0.18	−0.18	
0 01.5′	AR. 111	46.6	51 00	
	34.2	78.2	78.2	
	112.4	96.1	96.1	✓
	116.8	174.3	174.3	
	212.9	+0.11	+0.11	
0 02.4		47.0	51 00	
	94.8	103.0	103.0	
	37.8	74.9	74.9	
	37.4	177.9	177.9	✓
	112.3	+0.04	+0.04	
0 04.3	AR. 119	44.9	41 22	
	217.9	94.3	74.3	
	292.2	99.9	99.9	
	295.3	174.2	174.2	✓
	35.2	+0.11	+0.11	
0 05.1		45.4	41 22	
	120.2	99.5	99.5	
	219.7	80.4	80.4	✓
	211.4	179.9	179.9	
	291.5	+0.00	+000	

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

1907phae.proj.1243.

HD 7898.

2.7 / 7 / 16.8 — 3.2 / 3 / .2

Nov. 18, 1907

0 07.4	H.R. 160	49.2	65 40
	39.0	70.9	70.9
	109.9	92.4	92.4
	118.8	163.3	163.3 ✓
	211.2	+0.32	+0.32
6 08.1		~~50~~ 49.3	65 40
	302.3	86.1	86.1
	~~35~~.4	66.9	66.9 ✓
	40.9	153.0	153.0
	107.8	+0.52	+0.52
0 11.8	H.R. 169	52.8	73 38
	223.1	58.8	58.8
	281.9	79.6	79.6 ✓
	302.2	138.4	138.4
	21.8	+0.81	+0.81
0 12.7		530	73 38
	120.5	86.3	86.3
	206.8	56.4	56.4 ✓
	221.7	142.7	142.7
	278.1	+0.72	+0.72
0 14.6	H.R. 171	463	45 17
	30.8	84.6	84.6
	115.4	101.2	101.2 ✓
	113.1	185.8	185.8
	214.3	−0.11	−0.11

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

1907phae.proj.1243.

D 7898.

Nov 18, 1907

σ 15.4	HR. 171	46.9	45 17
	289.7	107.9	107.9
	37.6	89.4	89.4
	32.0	197.3	197.3 ✓
	121.4	−0.33	−0.33
0 17.6	HR. 198	43.4	43 08
	206.1	90.7	90.7
	246.8	106.6	106.6
	289.7	197.3	197.3 ✓
	36.3	−0.33	−0.33
0 0 18.3		45.0	43 08
	113.2	99.0	99.0
	212.2	80.2	80.2
	213.8	179.2	179.2 ✓
	294.0	+0.02	+0.02
0 20.0	HR. 199	50.3	62 55
	33.3	83.9	83.9
	117.2	94.8	94.8
	151.2	178.7	178.7 ✓
	210.0	+0.02	+0.02
0 20.9		50.7	62 55
	294.9	99.2	99.2
	34.1	85.4	85.4
	32.6	184.6	184.6 ✓
	118.0	−0.09	−0.09

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

1907phae.proj.1243.

HD 7898.

~~H.D. 0 23.1~~	H.R. 202	49.9	54 11
	210.3	81.1	81.1
	291.4	103.9	103.9
	292.1	185.0	180=0
	86.0	-0.09	-0.09
0 23.7		50.2	54 11
	114.8	99.8	99.8
	214.6	84.1	84.1
	209.7	183.9	183.9
	293.8	-0.07	-0.07
0 25.7	H.R. 232	43.7	23 42
	31.4	82.3	82.3
	113.7	90.7	90.7
	117.2	173.0	173.0
	207.9	+0.13	+0.13
0 26.4		44.3	23 42
	293.7	97.1	97.1
	30.8	82.2	82.2
	34.0	179.3	179.3
	116.2	+0.01	+0.01
0 28.0	H.R. 251	42.6	25 10
	208.2	82.2	82.2
	290.4	94.8	94.8
	296.2	177.0	177.0
	31.0	+0.06	+0.06

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

1907phae.proj.1243.

DD 7898.

Nov 18, 1907

0 2 8.6	H.R. 251	43.2	25' 10
	121.9	86.1	86.1
	208.0	74.0	74.0
	219.7	160.1	160.1 ✓
	293.7	+0.38	+0.38
0 30.1	H.R. 281	48.2	61 12
	37.2	73.8	73.8
	111.0	86.5	86.5 ✓
	122.3	160.3	160.3
	208.8	+0.38	+0.38
0 37.0		48.6	61 11
	296.0	98.1	98.1
	34.1	80.7	80.7 ✓
	33.2	178.8	178.8
	113.9	+0.02	+0.02
0 33.7	H.R. 304	49.1	65 57
	214.2	73.9	73.7
	287.9	91.6	91.6 ✓
	296.4	165.3	165.3
	28.0	+0.28	+0.28
0 34.5'		~~50~~ 49.7	65 54
	121.6	84.7	84.7
	206.3	69.7	69.7 ✓
	219.9	154.4	154.4
	289.6	+0.49	+0.49

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

1907phae.proj.1243.

JD 7898.

3.8 / 6 / 22.9

4.1 / 7 / 28.7

Nov 15, 1907

0 37.0	H.R. 320	38.4	24 21
	34.2	80.5	80.5
	114.7	94.1	94.1
	117.3	174.6	174.6
	211.4	+0.10	+0.10
0 32.9		39.2	24 22
	292.8	100.0	100.0
	32.8	~~81.0~~	79.0
	37.9	~~181.0~~	179.0
	116.9	-0.02	+0.02
0 39.6	H.R. 325	40.0	24 22
	214.4	76.3	76.3
	240.7	97.9	97.9
	295.2	174.2	174.2
	33.1	+0.11	+0.11
0 40.4		40.6	24 22
	122.2	83.9	83.9
	206.1	76.6	76.6
	214.6	160.5	160.5
	291.2	+0.37	+0.37
0 42.0	H.R. 350	41.2	58 13
	37.4	73.6	73.6
	111.0	90.1	90.1
	117.9	163.7	163.7
	208.0	+0.31	+0.31

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

1907phae.proj.1243.

LD 7898.

Nov. 18, 1907

042.9	HR 350	47.8	58 13
	297.3	93.9	93.9
	31.2	63.4	63.4
	44.4	157.3	157.3 ✓
	107.8	+0.43	+0.43
	35		
0 45.5'	HR. 440	33.8	47 31
	214.8	98.4	78.4
	293.2	95.0	95.0 ✓
	291.9	173.4	173.4
	26.9	+0.13	+0.13
0 46.2		34.2	47 31
	117.3	93.4	93.4
	210.7	84.1	84.1
	213.0	177.5	177.5 ✓
	297.1	+0.05	+0.05
0 48.1	HR. 443	33.3	46 18
	35.1	83.2	83.2
	118.3	94.6	94.6 ✓
	117.2	177.8	177.8
	211.8	+0.04	+0.04
0 48.8		34.0	46 18
	294.8	100.2	100.2
	35.0	86.3	86.3 ✓
	32.0	186.5	186.5
	116.3	-0.12	-0.12

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

1907phae.proj.1243.

D7898.

4.3
37°

March 18, 1907

0 50.8	HR 447	36.1	50 27
	2146	76.0	76.0
	990.6	102.0	102.0
	295.0	178.0	178.0
	37.0	+0.04	+0.04
0 51.5		36.9	50 27
	117.3	93.1	93.1
	210.4	72.4	72.4
	2 17.3	165.5	165.5
	289.7	+0.27	+0.27
1 28.7	HR 474	55.6	25 17
	29.3	76.4	76.4
	115.7	77.7	77.7
	125.6	154.1	154.1
	203.3	+0.50	+0.50
1 29.7		56.6	25 17
	300.1	85.3	85.3
	25.4	77.4	77.4
	25.9	162.7	162.7
	113.3	+0.33	+0.33
1 31.0	HR. 479	57.9	53 47
	221.0	63.2	63.2
	284.2	~~88.6~~	78.6
	305.1	~~151.8~~	141.8
	23.7	~~+0.54~~	+0.74

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

1907phae.proj.1243.

JD 7898.

Nov 18, 1907

1 31.8	HR. 479	58.2	53	48
	122.3	99.3	79.3	
	201.6	63.5	63.5	✓
	223.3	162.8	142.8	
	286.8	+0.72	+0.72	
1 33.5	HR. 501	57.8	50	22
	40.7	91.0	71.0	
	111.7	87.8	87.8	✓
	121.0	158.8	158.8	
	208.8	+0.40	+0.40	
1 34.2		58.1	50	22
	300.6	90.7	90.7	
	21.3	71.2	71.2	
	37.7	161.9	161.9	✓
	108.9	+0.34	+0.34	
1 36.5	HR. 517	56.8	27	34
	211.2	79.8	79.8	
	291.0	99.8	99.8	✓
	294.0	179.6	179.6	
	33.8	+0.01	+0.01	
1 37.4		57.6	27	37
	119.0	91.4	91.4	
	210.4	79.9	79.9	✓
	214.9	169.3	169.3	
	292.8	+0.20	+0.20	

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

1907phae.proj.1243.

1907 Aug 8.

Obs.

1 39.0	HR 524	57.8	42 01	
	32.3	83.6	83.6	
	115.9	99.1	99.1	✓
	115.6	182.7	182.7	
	214.7	-0.05	-0.05	
1 39.7		58.2	42 01	
	295.3	~~97.0~~	104.0	
	39.3	78.0	78.0	✓
	35.2	~~172.0~~	182.0	
	113.2	~~+0.15~~	-0.04	
1 41.5	HR. 537	57.6	48 10	
	212.7	83.1	83.1	
	295.8	103.9	103.9	✓
	289.2	~~186.0~~	187.0	
	33.1	~~-0.11~~	-0.13	
1 42.1		58.0	48 10	
	114.2	97.5	97.5	
	211.7	81.5	81.5	✓
	213.8	179.0	179.0	
	295.3	+0.02	+0.02	
1 44.5	H.R. ~~537~~ 576	56.2	61 19	
	31.4	85.9	85.9	
	117.3	97.6	97.6	✓
	114.2	183.5	183.5	
	211.8	-0.06	-0.06	

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

1907phae.proj.1243.

LD7898.

1 45.4	H.R. 591	56.6	61 18
	294.2	100.6	100.6
	34.8	86.6	86.6
	32.4	187.2	187.2 ✓
	119.0	~~−0.13~~	−0.14
1 47.2	H.R. 584	56.4	65 50
	214.8	78.0	78.0
	292.8	93.2	93.2
	299.2	171.2	171.2 ✓
	32.4	+0.17	+0.17
1 48.0		57.0	65 50
	123.0	85.0	85.0
	208.0	65.8	65.8
	223.2	150.8	150.8 ✓
	289.0	+0.56	+0.56
1 49.6	H.R. 593	57.9	78 49
	34.8	80.2	80.2
	115.0	96.9	96.9 ✓
	116.8	177.1	177.1
	213.7	+0.05	+0.05
1 50.5		58.1	78 49
	299.1	88.2	88.2
	27.3	79.9	79.7 ✓
	33.1	167.9	167.9
	112.8	+0.23	+0.23

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

1907phae.proj.1243.

JD 7895.

Nov. 18, 1907

1 52.7	HR. 600	58.0	66 28
	212.0	77.0	77.0
	289.0	108.9	108.9
	289.4	185.9	185.9 ✓
	38.3	−0.11	−0.11
1 53.5		58.2	66 30
	118.2	89.1	89.1
	207.3	77.5	77.5
	215.3	166.6	166.6 ✓
	292.4	+0.25	+0.25
1 57.0	H.R. 636	54.3	44 09
	36.1	77.1	77.1
	113.2	94.8	94.8
	118.0	171.9	171.9 ✓
	212.8	+0.15	+0.15
1 57.7		55.0	44 10
	295.8	93.3	93.3
	29.1	82.3	82.3
	33.7	175.6	175.6 ✓
	116.0	+0.08	+0.08
2 00.0	H.R. 637	56.7	31 11
	214.6	82.5	82.5
	299.1	97.0	97.0
	297.0	179.5	179.5 ✓
	34.0	+0.01	+0.01

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

1907phae.proj.1243.

HD 7898.

2 00.9	HR. 637	57.0	57. 11
	119.2	92.9	92.9
	212.1	78.9	78.9
	214.7	171.8	171.8 ✓
	293.6	+0.16	+0.16
2 02.8	HR. ~~686~~ 785	51.0	42 09
	37.0	~~88.9~~	78.9
	115.9	89.4	89.4
	118.8	~~178.3~~	168.3 ✓
	208.2	~~+0.03~~	+0.22
2 03.6		51.8	42 09
	293.1	99.8	99.8
	32.9	79.4	79.4
	35.4	~~178.8~~	179.2 ✓
	114.8	~~+0.02~~	+0.02
2 05.8	HR. 698	51.2	43 30
	220.0	74.1	74.1
	294.1	95.3	95.3
	295.7	169.4	169.4 ✓
	34.0	+0.20	+0.20
2 06.5		51.9	43 29
	121.6	82.6	82.6
	204.2	79.8	79.8
	213.0	162.4	162.4 ✓
	292.8	+0.33	+0.33

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

1907phae.proj.1243.

J D 7898.

Nov. 15, 1907

2 11.5	H.R. 698	56.1	43 38
	296.0	76.0	76.0
	112.0	93.6	93.6
	119.4	169.6	169.6 ✓
	213.0	+0.20	+0.20
2 12.3		56.6	43 38
	293.6	98.5	98.5
	32.1	75.9	75.9
	37.3	174.4	174.4 ✓
	113.2	+0.11	+0.11
2 14.0	H.R. 706	56.1	41 07
	213.9	80.5	80.5
	294.4	102.2	102.2
	293.1	182.7	182.7 ✓
	35.3	−0.05	−0.05
2 14.7		56.6	41 07
	121.2	89.2	89.2
	210.4	79.1	79.1 ✓
	214.0	168.3	168.3
	293.1	+0.22	+0.22
2 17.2	δ Oct.	60.9	90 11
	35.1	85.9	85.4
	120.5	103.4	103.4 ✓
	110.5	189.1	189.1
	2 14.2	−0.17	−0.17

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

1907phae.proj.1243.

J D 7 898.

Nov. 18, 1907

2 17.7	☌ Oct.	60.9	90 11
	291.8	103.2	103.2
	35.0	87.9	87.9
	20.2	191.1	191.1 ✓
	118.1	−0.21	− 0.21

Copied to here, Nov. 20, 1907

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

1907phae.proj.1243.

JD 7965.

Friday January 24 1908

Series t 5

7 01.8	T Oct.	58.0	90 52
	207.8	86.5	86.5
	294.3	106.8	106.8
	293.6	193.3	193.3 ✓
	40.4	−0.25	−0.25
7 02.8		58.0	90 52
	108.4	103.7	103.7
	212.1	85.7	85.7
	208.2	189.4	189.4 ✓
	293.9	−0.18	−0.18
7 21.3	A.G.C. 10211	40.6	46 39
	24.8	100.3	100.3
	125.1	127.0	127.0
	99.7	227.3	227.3 ✓
	226.7	−0.92	−0.92
7 22.3		41.7	46 39
	278.9	130.7	130.7
	49.6	104.5	104.5
	199.2	235.2	235.2 ✓
	303.7	−1.09	−1.09
7 31.2	A.G.C. 10268	47.2	46 18
	186.8	133.7	133.7
	320.5	142.1	142.1
	272.1	275.8	275.8 ✓
	54.2	−2.07	−2.07

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

1907phae.proj.1243.

D 7965.

January 24, 1908

7 32.0	A.G.C. 10265	47.9	46 18	
	92.7	139.7	139.7	
	232.7	124.7	124.7	✓
	190.2	264.4	264.4	
	314.9	-1.77	-1.77	
7 34.3	A.G.C. 10269	48.7	46 41	
	22.1	92.0	92.0	
	114.1	116.7	116.7	✓
	107.0	208.7	208.7	
	223.7	-0.55	-0.55	
7 35.0		49.0	46 41	
	286.6	105.1	105.1	
	31.7	84.3	84.3	✓
	29.9	189.4	189.4	
	114.2	-0.18	-0.18	

~~A.G.C. 10122~~

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

1907phae.proj.1243.

JD 7965.

January 24, 1908

7	36.5	A. Lb. 10122	53.2	46	50
		219.9	64.3	64.3	
		284.2	84.6	84.6	
		304.3	148.9	148.9	✓
		28.9	+0.60	+0.60	
7	37.2		53.7	46	47
		118.1	85.9	85.9	
		204.0	62.9	62.9	
		223.1	148.8	148.8	✓
		286.0	+0.60	+0.60	
7	38.4	A. Lb 10219	52.3	46	49
		42.2	~~58.6~~	59.6	
		101.8	75.3	75.3	
		120.3	~~+33.9~~	134.9	✓
		195.6	~~+0.90~~	+0.88	
7	39.1		53.0	46	49
		304.9	78.2	78.2	
		23.1	61.8	61.8	
		42.9	140.0	140.0	✓
		104.7	+0.77	+0.77	
7	40.1	A Lb 10191	54.5	46	51
		233.2	42.9	42.9	
		276.1	53.2	53.2	✓
		316.7	96.1	96.1	
		9.9	+1.75	+1.75	

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

1907phae.proj.1243.

LD 7965.

January 24, 1908

7 41.1	A. Lb. 10191	57.9	~~57.9~~	46 51
	137.2	57.7	57.7	
	194.9	43.8	43.8	
	231.0	101.5	101.5	✓
	274.8	+1.62	+1.62	
7 42.1	3 b. VII 3215	55.3	46 51	
	54.9	44.3	44.3	
	99.2	46.0	46.0	
	141.0	90.3	90.3	✓
	187.0	+1.91	+1.91	
7 43.0		55.9	46 51	
	316.2	52.7	52.7	
	8.9	47.2	47.2	
	60.0	99.9	99.9	✓
	97.2	+1.66	+1.66	
7 44.0	3 b VII 3263	56.4	47 03	
	234.4	35.2	35.2	
	269.6	40.9	40.9	
	323.2	76.1	76.1	✓
	4.1	+2.31	+2.31	
7 44.9	~~3 b. +45.6~~	56.5	47 03	
	145.8	38.0	38.0	
	183.8	37.9	37.9	
	235.8	75.9	75.9	✓
	273.7	+2.32	+2.32	

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

1907phae.proj.1243.

JD 7965.

January 24. 1908

7 54.3	3b VII 3184	58.4	47 04
	60.8	27.0	27.0
	87.8	32.5	32.5
	148.4	59.5	59.5
	180.9	+2.88	+2.88
7 52.1		58.9	47 04
	326.0	36.8	36.8
	2.8	30.4	30.4
	57.7	67.2	67.2
	88.1	+2.60	+2.60
	3b VII 3184		
7 53.0	~~3b 1621~~	59.7	47 04
	241.2	26.9	26.9
	268.1	35.1	35.1
	325.2	62.0	62.0
	0.3	+2.79	+2.79
7 53.9		60.1	47 04
	147.9	32.2	32.2
	180.1	26.6	26.6
	240.4	58.8	58.8
	267.0	+2.91	+2.91
	~~3b VII 3263~~		
7 56.3	~~3b 1028~~	65.0	47 10
	59.7	30.0	30.0
	89.7	36.8	36.8
	147.2	66.8	66.8
	184.0	+2.61	+2.61

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

1907phae..proj..1243.

JD 7965.

January 24 1907

		36 VII 3263		
7	56.9	A.G.C. 10268	65.1	47 10
		323.7	41.5	41.5
		5.2	34.8	34.8
		54.0	76.3	76.3
		88.5	+2.31	+2.31
		36 VII 3215		
7	58.2	A.G.C. 10267	66.3	46 52
		228.0	45.3	45.3
		273.3	56.2	56.2
		319.6	101.5	101.5
		15.8	+1.62	+1.62
7	59.0		67.2	46 52
		135.1	56.0	56.0
		191.1	38.8	38.8
		233.1	94.8	94.8
		271.9	+1.79	+1.79
8	00.0	A.G.C. 10191	68.2	56 46 52
		51.3	45.7	45.7
		97.0	48.9	48.9
		137.3	94.6	94.6
		186.2	+1.79	+1.79
8	00.8		68.8	46 52
		316.4	53.8	53.8
		12.2	46.1	46.1
		48.8	99.9	99.9
		94.9	+1.66	+1.66

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

1907phae.proj.1243.

JD 7960.

January 24, 1908

δ 01.5	A.Gb. 10219	69.1	46 52	
	225.2	58.1	58.1	
	283.3	~~81.1~~ 77.1	135.2	
	305.0	~~139.2~~		✓
	22.1	~~+0.79~~	+0.87	
δ 02.7		69.3	46 52	
	122.7	80.8	80.8	
	203.5	53.0	53.0	
	223.0	133.8	133.8	✓
	276.0	+0.90	+0.90	
δ 03.0	A.Gb. 10122	71.8	47 02	
	45.2	58.1	58.1	
	103.3	88.6	88.6	
	116.8	146.7	146.7	✓
	205.4	+0.64	+0.64	
δ 04.0		72.3	47 01	
	303.0	86.9	86.9	
	29.9	61.8	61.8	
	41.3	148.7	148.7	✓
	103.1	+0.60	+0.60	
δ 05.1	A.Gb. 10269	70.5	46 49	
	204.8	90.9	90.9	
	295.7	110.5	110.5	
	286.4	201.4	201.4	✓
	36.9	−0.41	−0.41	

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

1907phae.proj.1243.

~~D7965~~

January 24. 1908

δ 06.3	A.Gb. 10269	70.6	46 49	
	~~286.1~~			
	~~110.5~~ 39.8	113.3	113.3	
	~~210.3~~	89.2	89.2	
	28.4	202.5	202.5	✓
	117.6	-0.43	-0.43	
δ 07.6	A.Gb. 10268	71.9	46 19	
	189.8	128.9	128.9	
	318.7	139.2	139.2	
	274.8	268.1	268.1	✓
	54.0	-1.86	-1.86	
δ 08.3		72.0	46 19	
	92.8	138.5	138.5	
	231.3	126.2	126.2	
	186.8	264.7	264.7	✓
	313.0	-1.77	-1.77	
δ 09.2	A.Gb 10211	74.3	46 37	
	20.0	102.0	102.0	
	122.0	123.6	123.6	
	101.4	225.6	225.6	✓
	225.0	-0.89	-0.89	
δ 10.0		74.8	46 37	
	282.9	120.0	120.0	
	42.9	109.1	109.1	
	15.7	229.1	229.1	✓
	124.8	-0.96	-0.96	

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

1907phae.proj.1243.

JD 7965

January 24, 1908

δ 11.5	δ Oct.	57.0	90 59
	216.4	79.4	79.4
	295.8	105.7	105.7
	289.1	185.1	185.1
	34.6	−0.09	−0.09
δ 12.3		57.0	90 59
	110.9	104.9	104.9
	215.8	89.9	89.9
	209.7	194.8	194.8
	299.6	−0.28	−0.28

A.G.C. 10211

Copied to here, Feb. 5, 1908

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

1907phae.proj.1243.

JD 7977.

Wednesday. February 5, 1908

Series no 5

7 09.3	δ Oct.	57.4	90 49	
	32.7	85.6	85.6	
	118.3	106.8	106.8	
	110.2	192.4	192.4	✓
	217.0	-0.24	-0.24	
7 09.9		57.6	90 49	
	240.2	102.6	102.6	
	32.8	91.7	91.7	
	26.2	194.3	194.3	✓
	117.9	-0.27	-0.27	
7 18.5	A.G.C. 10211	40.7	46 30	
	15.0	115.3	115.3	
	130.3	124.2	124.2	✓
	102.8	239.5	239.5	
	227.0	-1.18	-1.18	
7 19.3		41.2	46 30	
	278.7	128.2	128.2	
	46.9	112.9	112.9	✓
	15.8	241.1	241.1	
	128.7	-1.22	-1.22	
7 20.5	A.G.C. 10268	40.9	46 18	
	180.9	~~131.3~~	141.3	
	322.2	~~139.2~~	149.2	✓
	270.9	~~270.5~~	290.5	
	60.1	~~-1.93~~	-2.52	

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

1907phae.proj.1243.

J.D. 7977.

February 5, 1908

7 01.3	A.Gb. 10268	41.4	46 18		
	90.8	134.4	144.4		
	233.2	128.4	128.4		
	188.9	272.8	272.8	✓	
	317.3	-1.99	-1.99		
7 22.2	A.Gb. 10269	42.3	46 43		
	21.1	94.7	94.7		
	115.8	118.8	118.8		
	103.3	213.5	213.5	✓	
	222.1	-0.64	-0.64		
7 23.0		43.0	46 43		
	282.6	118.4	118.4		
	41.0	93.0	93.0		
	26.1	211.4	211.4	✓	
	119.1	-0.60	-0.60		
7 24.1	A.Gb 10122	46.7	46 51		
	217.1	70.1	70.1		
	287.2	83.2	83.2		
	304.1	153.3	153.3	✓	
	27.3	+0.51	+0.51		
7 24.0		47.2	46 52		
	116.0	93.2	93.2		
	209.2	71.0	71.0		
	218.1	164.2	164.2	✓	
	289.1	+0.30	+0.30		

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

1907phae.proj.1243.

HD 7977.

February 5, 1908

7 26.4	A Gb 10219	46.3	46 51
	39.4	67.9	67.9
	107.3	81.6	81.6
	122.7	149.5	149.5
	204.3	+0.58	+0.58
7 27.0		46.7	46 51
	301.3	85.5	85.5
	26.8	62.7	62.7
	40.3	148.2	148.2
	103.0	+0.61	+0.61
7 28.0	A Gb 10191	47.7	46 51
	225.8	51.0	51.0
	276.8	64.3	64.3
	314.9	115.3	115.3
	19.2	+1.30	+1.30
7 28.8		48.1	46 51
	127.6	70.8	70.8
	198.4	48.6	48.6
	231.1	119.4	119.4
	279.7	+1.21	+1.21
7 29.8	Zb VII 3215	46.1	46 51
	50.2	47.2	47.2
	97.4	53.0	53.0
	138.9	100.2	100.2
	191.9	+1.65	+1.65

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

1907phae.proj.1243.

LD 7977.

February 5, 1908

7 30.6	Zb VII 3215	48.8	46 57	
	315.0	55.1	55.1	
	10.1	40.5	40.5	
	53.2	95.6	95.6	✓
	93.7	+1.77	+1.77	
7 31.7	Zb VII 3263	49.2	47.02	
	232.0	41.9	41.9	
	273.9	47.8	47.8	✓
	323.9	89.7	89.7	
	11.7	+1.92	+1.92	
7 32.5		49.8	47 02	
	143.9	43.4	43.4	
	187.3	39.8	39.8	✓
	232.2	83.2	83.2	
	272.0	+2.10	+2.10	
7 33.2	Zb. VII 3184	53.2	47 48	
	56.3	39.6	39.6	
	95.9	45.0	45.0	✓
	142.9	84.6	84.6	
	187.9	+2.06	+2.06	
7 37.9		53.8	47 48	
	320.2	44.8	44.8	
	5.0	33.8	33.8	✓
	56.4	78.6	78.6	
	90.2	+2.24	+2.24	

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

1907phae.proj.1243.

JD 7977.

February 5, 1908

7 38.8	36 VII 3184	57.3	47 48
	235.0	36.0	36.0
	271.0	46.5	46.5
	323.3	82.5	82.5 ✓
	9.8	+2.12	+2.12
7 39.7		57.0	47 48
	140.4	48.6	48.6
	189.0	37.8	37.8 ✓
	234.2	86.4	86.4
	272.0	+2.01	+2.01
7 40.7	36 VII 3263	55.7	46 59
	53.0	38.4	38.4
	91.4	50.5	50.5
	134.7	88.9	88.9 ✓
	185.2	+1.94	+1.94
7 41.5		54.3	46 59
	325.6	41.0	41.0
	6.6	31.6	31.6 ✓
	57.2	72.6	72.6
	88.8	+2.42	+2.42
7 42.6	36 VII 3215	47.3	46 48
	231.9	47.6	47.6
	279.5	54.3	54.3 ✓
	319.3	101.9	101.9
	13.6	+1.61	+1.61

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

1907phae.proj.1243.

JD 79.77.

7 43.5	Zb VIII 3215	57.9	46 48
	139.9	50.1	50.1
	190.0	42.7	42.7
	234.3	92.8	92.8
	277.0	+1.84	+1.84
7 44.7	A.Zb 10191	59.0	46 48
	53.8	44.0	44.0
	97.8	50.5	50.5
	137.8	94.5	94.5
	188.3	+1.80	+1.80
7 45.4		59.4	46 48
	318.6	~~47.3~~ 57.3	58.3
	16.9	39.8	39.8
	52.1	~~97.1~~	98.1
	91.9	~~+1.73~~	+1.70
7 46.3	A.Zb. 10219	59.7	46 44
	222.8	58.0	58.0
	280.8	78.5	78.5
	305.2	136.5	136.5
	23.7	+0.84	+0.84
7 47.2		60.1	46 44
	124.2	78.7	78.7
	202.9	67.0	67.0
	220.0	145.7	145.7
	287.0	+0.66	+0.66

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

1907phae.proj.1243.

JD 7977.

7 48.2	A.Gb. 10122	63.1	46 44
	32.3	76.6	76.6
	108.9	86.0	86.0
	121.9	162.6	162.6
	207.9	+0.33	+0.33
7 49.0		63.7	46 44
	298.6	82.7	82.7
	21.3	61.5	61.5
	41.8	144.2	144.2
	103.3	+0.69	+0.69
7 50.0	A.Gb. 10269	60.9	46 35
	205.8	93.6	93.6
	299.4	106.9	106.9
	291.4	200.5	200.5
	38.3	-0.39	-0.39
7 50.8		61.2	46 31
	112.2	105.8	105.8
	218.0	97.9	97.9
	201.8	203.7	203.7
	299.7	+0.45	-0.45
7 51.6	A.Gb. 10268	62.3	46 08
	4.2	127.1	127.1
	131.3	143.8	143.8
	90.9	270.9	270.9
	234.7	-1.94	-1.94

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

1907phae.proj.1243.

JD 7977.

7 52.4	Able 10268	63.0	46 08		
	267.9	148.4	148.4		
	56.3	133.2	133.2		
	8.9	281.6	281.6	✓	
	142.1	-2.24	−2.24		
7 53.2	A. Gla. 10211	65.1	46 21		
	206.8	96.9	96.9		
	303.7	126.2	126.2		
	279.8	223.1	223.1	✓	
	46.0	-0.84	−0.84		
7 54.1		66.5	46 21		
	99.8	123.0	123.0		
	22.8	111.3	111.3		
	193.7	234.3	234.3	✓	
	305.0	-1.07	−1.07		
7 56.0	T Oct.	57.2	90 50		
	33.9	81.3	81.3		
	115.2	103.9	103.9	✓	
	112.2	185.2	185.2		
	216.1	-0.10	−0.10		
7 ~~56.~~ 54.8		57.2	90 49		
	297.6	97.0	97.0		
	34.6	88.6	88.6	✓	
	26.2	185.6	185.6		
	114.8	-0.11	−0.11		

Skeya somewhat hazy

Copied to here Feb. 7, 1908

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

1907phae.proj.1243.

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

1907phae.proj.1243.

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

1907phae.proj.1243.

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

1907phae.proj.1243.

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