KG
11365
671

KG 11365.671

KG 11365,671

HARVARD
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Stat. May 9, 1908 8071

8071.6 L.C. Obs. 8071

060547 — Aurigae 31.1907 est 12.4

9 34 6.56 w
+48.0
12.59

U Gemini 074922 est 138

9 43 7 49 +22.5
13 05
5 16 w
5.21 w
+224
13.08

SS Cygni 213843 est

21 37 +436
13 10
8 27 E

Too low at 9.50 ET

9.51 R Coronae 154428 HG. est 6.0

u Herculis HG ests =

9 54 Var 4 w Herc
Var 2 d "
9 Herc 6 ~~w Herc~~ Var

Corvus ests eye =

9 56 γ 1 β 4 δ 3 ε

-071

May 9, 1908.

R Hydrae ~~R.A.~~ 132228

10 00 est 7.7

R Comae 115919 est 11.8

10 6 11 57 +20.2 13:31
13 25 +19.8
1 28 w 1:33 w

T Can Ven 122532 est 9.2

13:35
12 24 +32.2 +32.2
10 10 13 34 1:11 w
1 10 w

R Virginis 123307 est 8.7

12 34 +7.6 +7.8
10 14 13 36 13:39
1 2 w 1:8 w

RU Virginis 124804 est 8.7

+4.8
12 41 +4.3
10 18 13 41 13:43
1 0 w 1:2 w

May 9, 1908

8071

U Virginis 124606 est 8.1

10 20 12 42 +5.9
13 44
1 2 w

+6.3
13:45
1:1 w

T Virginis 120905 est 14.0

12 7 −4.9
10 25 13 47
1 40 w

−5.2
13:50
1:40 w

R Corvi 121418 est 8.5

12 12 −18.4
13 52
10 27 1 40 w

1:40 w
−18.6
13:52

RT Virginis 125705 est 8.0

12 55 +5.7
13 55
10 31 1 0 w
V on south of prec = 12.7

~~0:59 w~~
+5.9
13:56
1:00 w

RV Virginis 130212 est 14.0

13 0 −12.4
10 34 13 57
0 57

0:58 w
−12.6
13:59

8071.7

May 9, 1908

V Virginis 132202 est 13.8

13 24 −2.3 −2.6
10 38 14 00 14:3
0 36 w 0 :42 w

S Virginis 132706. est 11.8

13 24 −5.5 −6.8
14 04 0:40 w
10 41 0 40 w 14:6

SS Cygni 213843 est ~~8.8~~ 9.0

21 37 +43.5 0:19 E
14 09 +43.5
10 52 0. 28 E 14:17
Blackett obs = ~~8.8~~ 9.0

18 1142 L.P.P.
− 192

May 11, 1908 Monday

LC Obs   J.D. 8073

– Aurigae 060547 est 13.3

6 2 +47.5   +47.9
8 03   11 22   11:34
5 20 w   5:30 w

B Gem.

7 39 +28.3
11 42
4 3 w   Tests made with achro. & ord. eyepiece

Jupiter

~~10~~ 8 35 +19.5
12 02
3 27

8 33   achro. eyepiece seems fairly the better of those used

Reap Sup. I.   LC Obs.
~~24~~ 26" Reff. Bl. Rec.

Bl's watch 8:~~46~~ 43:48 at 8:44:00 E.T.
Sid Watch = 12:17:37 at 8:44:00 E.T.
" " 12 ~~17~~ 18:37.5 at 8:45:00
" " 12:35:40.0 at 9:2:00 E.T.
Bl's Watch ~~9~~ 9:2:46 at 9:3 00 E.T.

1 1143 192 L pp

Bl's watch = 8 56 40 = Cs Obs.
Sid " = ~~8~~ 12 30:33 = Cs Obs.
" " = 12 31:14 = Bl's Obs. 5" tel.

9 10 Too cldy to continue

8074

Tues May 12, 1908

L.C. Obs   J.D. 8074

— Aurigae 060547 est w 1,3 X

9   02   new final notation used.

H.a. = 6:35 w   +48.0   12:40 S.T.

1   1144   L.P.P.
—   :49.2

8076

Thursday May 14, 08

H.B. obs

1 213843 SS Cygni est. ~~8.6~~ 8.7

12 33

21 37
16 13
5 24 E

5 18 E
16 19
+43.5

LC 1 1145 3 L.P.P.
19 2

Blackett 1 2

Sat May 16, 1908

LCBz JD. 8078

— Aurigae 060547 est x 2, 3 y

6 5 +47.5 +47.9

11 50 ests w 3 x 5 y 3 z 6:10 W

5 45 W 12:15

8 23 α β δ ζ not seen yet

$\frac{1}{3}$ 1144 192 L.P.P.

(Mon) May 18, 1908.

L.C. Obs. J.D. 8080

R Gem min 070122 Est 13.0 x ✓

6 57 +22.9 +23.0
8 15 12 13 12:17
5 16 w 5:17 w

δ' Can Min 072708 Est 10.5 x ✓

7 19 +8.6 5:4 w
8 20 12 19 +8.7
5 0 w 12:22

U Canis Min 073508 est 10.0 x ✓

7 33 +8.7 4 51 W
12 24 12 25
4 57 +8.8
8 23

T Canis Min 072811 est 13.2 x ✓

7 26 +12.0 5 2W
12 28 12 29
8 27 5 2W +12.1

V Gemin 071713 est 13.8 x ✓

7 13 +13.4 5.15 W
8 29 12 30 12 31
5 17 W +13.4

8080

May 18.08

8 31	S Gemini 073723 7 34 +23 8 12 32 4 58W	est 9.4	+ ✓ 4 57 W 12 33 +23 9
8 34.	T Gemini 074323 7 38 +24.0 12 34 4 56 W	est 13.0	+ ✓ 4,54 W ~~+24.0~~ 12 36 +24.0
8 36	U Gemini 074922 749 +224 1237 4 48	est 13.8	~~4 50~~ + ✓ 4 50 W +12 38 +22.4
8 41	– aurigae 060547 6 5 +47.5 12 40 6 35	est x 5 ly x 6 y 4 z 3 α 4 β β only suspected z not seen	X ✓ 6 38 W +47.9 12 43
8 45	V aurigae ~~05 35 31~~ 061647 6 11 +47.0 12 45 6 34 W	~~+9.8~~ est 9.8	+ ✓ 6 32 W +47.9 ~~+4~~ 12 47

May 18 : 08

8080 ?

	R Aurigae 050953	est 13.4	X ✓
8 47	5 3 +53.0 12 48 7 45 W		7 41 W 12 49 +53.4
	S Lyncis 063558	est 12.0	X ✓
8 50	6 34 +57.9 12 50 6 16 W		6 17 W 12 52 +58.2
	R Lyncis 065355	est 13.5	X ✓
8 53	6 49 +55.0 12 53 6 4 W		6 3 W 12 55 +55.4
	V Cancri 081617	est 13.1	X ✓
8 56	8 13 +18.0 12 56 4 43 W		4 44 W 12 58 +17.6
	U Cancri 083019	est 9.5	X ✓
8 58	8 29 +19.8 12 59 4 30 W		4 31 W 13 0 +19.4

8080

18 May 1908

9 3	V Camelop 5 45 +73.9 13 1 7 16 W	054974	est μ 5 V	+ ✓ 7 18 W 13 5 +74.6
9 6	V Leonis 9 57 +22.0 13 7 3 16 W	095421	est 9.5	× ✓ 3 16 W 13 8 +21.9
9 8	W Leonis 10 45 +14.2 13 9 2 24 W	104814	est 10.8	+ ✓ 2 24 W 13 10 +14.4
9 20	Z Cephei 2 0 +81.0 13 18 11 18 W	021281	est 13.8	× ✓ 11 12 W 13 22 +81.4
9 11	S Leonis 11 2 +6.3 13 12 2 10 W	110506	est 13.9	+ ✓ 2 9 W 13 13 +6.1

18 May 08

8080

R Leo Min 093934 est 12,9 X ✓

9 34 +35.0
13 14
3 40

9 15

3 39 W
13 17
+35.7

R R Cephei 023080 est 14.2 X ✓

2 28 +18.7
13 23
10 55

9 23

10 57 W
13 25
+80.9

X Ursae Maj 083350 est 11.0 X ✓

8 30 +50.4
13 26
4 56 W

9 26

4 56 W
13 28
+50.7

f X Draconis 09 31 78 est 9.0 X ✓

9 29 +78.7
13 29
4 0 W

9 28

4 0 W
13 30
+78.6

23 1167
1 193 L.P.P.

8086.7

24 May 1908 (Sunday)

JL 8086

	L. C. obs		H.B. rec	
11 49	RY Lyrae 18 41 +34.4 16 11 2 30 E	184134	est e 2, 2 f	2 28 E 16 13 +34.5
11 55	RW Lyrae 1842 +43.4 16 15 2 27 E	184243	A f 2 N	2 24 E 16 19 +43.5
11 56	RX Lyrae 18 48 +32.8 16 20 2 28 E	185032	invisible <14.0	2 2 20 E 16 25 +32.7
11 59	Z Lyrae 18 55 +34.6 16 22 2 33 E	185634	est 12.5	2 33 E 16 24 +34.8
12 2	RT Lyrae 18 57 +37.6 16 25 2 32 E	185737	est <14.0	2 32 E 16 27 est 37.5

24 May 08

8086

12 4	V Lyrae 19 3 +29.7 16 28 2 35 E	190529	est 13.0	2 37 E 16 29 29.6
12 7	RS Lyrae 19 7 +33.0 16 31 2 36 E	190933	est <14.4	2 37 E 16 32 +33.3
	S Lyrae 19 8 +25.6 16 34 2 34 E	190925 19 6 16 37 2 29	not found	
12 28	SS Cygni 8 21 37 +43.6 16 40 4 57	213843	est 11.0 for L. 6 est 11.0 for 1+B	4 46 E 16 53 +43.3

4 117′
4 197 L. P. P.

Be. 1 3

8087
~~808~~

25 May 1908 ~~Tues~~ Monday

JD = 8087.4

L C Obs H.Bl rec

T Virginis 120905 est 13.5

12 7 -4.8
13 28
1 24 W

9 4

1 22 W
13 31
-5.4

R R Virginis 135908 est 13.6

13 57 -8.5
13 33
24 E

9 8

0 24 E
13 35
-8.6

RS Virginis 142205 est 13.2

14 18 +5.5
13 37
41 E

9 13

0 42 E
13 40
+5.4

Z Bootis 140113 est 9.3

14 0 +14.7
13 44
16 E

9 18

0 16 E
13 45
+14.1

X Coronae 154536 est 13.5

15 46 +36.1
13 47
1 59 E

9 22

1 55 E
13 49
+36.6

25 May 1908

8087

Z Coronae 155229 est 14.0
15.50 +29.9
13 51
1 59 E
9 25
2 0 E
13 52
+29.7

R U Herculis 160625 est 11.0
16 4 +25.9
13 53
2. 11 E
9 26
2 11 E
13 54
+25.6

T Draconis 175458 T = est 12.8
17 52 +58.5
-Drac = Sprec, = 10.0
13 56
3 56 E
9 33
3 53 E
14 1
+ 57.6

T Drac fainter of the two var. tonight, and quite reddish

W Draconis 180565 est 10.3
18 7 +65.9
14 4
4 3 E
9 38
4 0 E
14 6
+66.2

X Draconis 180666 est < 14.0
9 40
4 . 0 E
14 8
+66.3

select fainter comparison stars

8087

25 May 1908

9 49	W Lyrae 181136 18 9~~4~~ +36.5 14 15 3 54 E	est 11.0	3 55 E 14 17 +36.7
9 51	RT Herculis 170627 17 4 +27.4 14 18 2 46 E	est 12.6	2 47 E 14 19 +27.3
9 54	RS Herculis 171723 17 18 +23.1 14 21 2 57 E	est 11.5	? 2 56 E 14 22 +23.0
9 57	RU Ophiuchi 172809 17 28 +9.6 14 23 3 5 E	est 13.3	3 4 E 14 25 +9.6
9 59	RY Herculis 175519 17 55 +19.6 14 26 3 29 E	est a 5,3 g	3 29 E 14 27 +19.7

25 May 1908

8087

RT Ophiuchi 175711 est < 13.5

17 57 +11.0
10 2 14 29
3 22 E

3 22 E
14 30
+11.2

RY Ophiuchi 181103 est 9.5

18 9 +3.6
10 8 14 34
3 33 E

3 35 E
14 36
+4.0

SV Herculis 182224 o 5 N

18 22 +24.6
10 11 14 38
3 44 E

3 44 E
14 39
+25.0

T Serpentis 182306 est 12.0

18 21 +6.1
14 41
10 14 3 40 E

3 42 E
14 42
+6.4

X Cygni 194632 est 5.8

19 45 +32.5
10 18 14 44
5 1 E

object pretty bright for this telescope - try fieldglass

5 0 E
14 46
+32.8

8087

25 May 1908

	TZ Cygni 192350	est 9.8	
10 21	19 14 +49.5 14 48 4 26 E		4 25E 14 49 +50.0
	R Cygni 193449	est 8.0	
10 23	19 33 +49.8 14 51 4 42 E		4 43E 14 52 +49.8
	RT Cygni 194048	est 8.5	L
10 24	19 39 +48.5 14 53 4 46 E		4 48E 14 53 +48.6
	Z Cygni 195849	est 13.3	
10 27	19 57 +49.6 14 55 5 2E		5 3E 14 56 +49.9
	S Lyrae 190925	< 14.0	
10 32	19 9 +26.1: 14 58 4 11E		4 8E 15 1 +25.8

25 May 1908

8087 1

1035	U Lyrae 191637 19 17 +37.6 15 3 4 14 E	est 11.7	4 13 E 15 4 +37.8
8087.7 1038	TY Cygni 192928 19 26 +28.0 15 5 4 21 E	est 13.4	4 23 15 7 +28.3
1040	T Sagittae 191717 19 16 +17.5 15 8 4 8E	est 9.0	4 9 E 15 9 +17.7
1054	SS Cygni 213843 21 37 +43.6 16 14 5 23	est 11.2 L.C est 11.1 H.B.	6 16 E 15 23 +43 3
		26 1197 4 201	L P. P.
		Be 1- 4 -. -	

Tuesday 2 June 1908 J.D. 8095 ~~J.D. 8093~~

L. B Obs HB Obs

	V Librae	143417	est 13.4	
10 19	~~15~~ 14 33 15 13 40 W	−17.5		0 44 W 15 19 −16.9
	T Librae	150519	est 13.4	
10 21	15 4 15 20 16 W	−19.4		0 16 W 15 21 −19.4
	Y Librae	150605	est 12.0	
10 24	15 4 15 22 18 W	−4.9	var & N foll Y = 12.0	0 18 W 15 24 −5.6
	S Librae	151520	est 9.8	
10 25	15 13 15 25 12 W	−19.9		0 10 W 15 25 −19.8
	R S Librae	151822	est 10.5	
10 27	15 14 15 26 12 W	−22.4		0 9 W 15 27 −22.4

2 June 1908

A.O.- 8095

	X Librae	153020	est 13.0	
10 29	15 27 -20.6 15 28 1 W			0 1E 15 29 -20.5
	U Librae	153620	est 12.5	
10 31	15 32 -21.0 15 30 2 E			0 5 E 15 31 -20.8
	Z Librae	154020	est 13.0	
10 33	15 39 -20.9 15 32 7 E			0 8 E 15 33 -20.6
8095.7	R Librae	154715	est 12.5 if correctly identified	
10 36	15 46 -16.3 15 34 12E			0 1.1 E 15 36 -15.8
	RR Librae	155018	est 14.2	
10 38	15 48 -17.9 15 37 11 E			0 12 E 15 38 -17.8

2 June 1908

~~JD 8093~~

8095 1

	R Z Scorpii	155823	est 13.0	
10 41	15 58 − 23.2 15 40 18E			0 17 E 15 41 −23.8
	X Scorpii	160221	est 11.8	
10 43	16 0 −21.0 1542 18E			0 19E 1543 +21.1
	W Scorpii	16 05 19	p 3, 39	
10 45	16 03 −19.8 15 44 19 E			0 20 E 1545 −19.8
	R X Scorpii	160524	est 11.8	
10 46	16 5 −24.2 1546 19 E			0 19E 15 46 −24.3
	R Scorpii	161122a	est R = 11.0 S = 14.3	
10 48	1609 −22.6 15 48 21 E			0 23 E 1548 −22.4

June 2, 1908

8095

	Y Scorpii 162319	est 10.5	
10 54	16 21 − 18.2 15 50 31 E	var N prec = 12.5	0 29 E 15 54 −18.9
	RR Ophiuchi 164319	est 13.0	
10 56	16 40 −19.0 15 55 45 E		0 46 E 15 56 −19.2
	R Ophiuchi 170215	est 14.2	
10 58	16 58 −16.3 15 58 1 0 E		1 3 E 15 58 −15.8
	S Cygni 200357	var suspected, if seen = 14.5	
11 5	19 59 +57.7 16 0 3 59		3 58 E 16 5 +57.8
	ST Cygni 202954	est 10.0	
11 10	20 27 +54.3 16 6 4 21 E		4 20 E 16 10 +547

June 2, 1908

8095 1

11 17	V Cygni 203847 20 36 +48.4 16 11 4 25 E	est 13.3	4 21 E 16 17 +47.8
11 18	RZ Cygni 204846 20 47 +47.2 16 17 4 30 E	est 10.8	4 30 E 16 18 +47.4
11 21	S X Cygni 201130 20 10 +30.8 16 20 3 50 E	k 4,3b	3 50 E 16 21 +30.8
11 26	W X Cygni 201437b 20 13 +36.5 16 22 3 51 E	est m 5 var	3 49 E 16 26 +37.2
11 29	U X Cygni 20 50 30 20 50 +29.7 16 27 4 23 E	est C 2,2d	4 21 E ~~+~~ 16 29 ~~16 29~~ +30.3

June 2, 1908.

9095 1

R aquilae 190108 est 12.0

19 0 +8.0
16 32
2 28E

11 33

2 28E
16 33
+8.2

RT aquilae 193311 est 9.7

19 30 +11.0
16 34
2 56 E

11 38

2 55 E
16 38
+11.8

RV aquilae 193509 est 11.3

19 34 +9.4
16 39
2 55 E

11 40

2 55 E
16 40
+9.9

X aquilae 194604 est 14.0

19 46 +4.0
16 41
3 5 E

11 45

3 1E
16 45
+4.3

SY aquilae ~~2212~~ 200212 est 9.3

20 0 +12.5
16 46
3 14 E

11 48

3 15E
16 48
+12.8

June 2, 1908

8095 F

	S aquilae	200715 a	est 8.8	
11 51	20 5 +15.0 16 49 3 16E			3 16 E 16 51 +15.2
	RU aquilae	200812	est 12.0	
11 53	20 7 + 12.6 16 52 3 15 E			3 15E 16 53 +12.8
	R Delphini	201008	est 8.5	
11 55	20 10 +8.5 16 54 3 16 E			3 15E 16 55 +9.2
	V Sagittae	201520	est 12.5	
11 57	20 13 +20.7 16 56 3 17 E			3 19 E 16 57 +20.9
	Z Delphini	202817	est 14.0	
12 1	20 26 +17.0 16 58 3 28E			3 26 E 17 1 +17.3

June 2, 1908

8095

Y Delphini 203611 var < 14.0

20 35 +11.0
17 3
3 32E

12 4

3 33E
17 4
+11.7

S Delphini 203816 est 10.0

20 36 +16 6
17 5
3 31E

12 7

3 31E
17 7
+16.8

T Delphini 204016 est 9.4

20 40 +15.8
17 8
3 32E

12 9

3 32E
17 9
+16.2

V Delphini 204318

20 40 +18.0
17 13
3 27E

12 23

var as marked on chart probably incorrect
* assumed as var = 4 h, 0 α
~~a 6 b~~ a 5 d 2 b 4 c 3 c^2 5 c^1 4 e

3 20
17 23
+19.2

X Delphini 205017

20 48 +17.2
17 24
3 24E

12 26

S. prec. ~~component~~ star = 11.8
{N foll star if seen = 14.2
{ this one is probably X

3 25E
17 26
+17.4

June 2, 1908

8095 1

	R Vulpec	205923	est 7.3	
12 29	20 58 +22.8 19 28 ~~16~~ 3 30 E			3 31 E 17 29 +23.6
	TW Cygni	210129	est 13.8	
12 31	20 59 +28.5 17 30 3 29 E			3 30 E 17 31 +29.2
	R Equulei	210812	est 14.3	
12 35	21 7 +12.6 17 32 3 35E			3 33 E 17 35 +12.6
	X Pegasi	211614		
	21 14 +13.7 17 36 3 38 E		region not found	
	R R Pegasi	214024	est 10.0	
12 42	21 38 +25 0 17 40 3 58 E			3 58 E 17 42 +24.7

June 2, 1908

8095

	RT Pegasi 215934	est 10.8.	
12 44	21 57 +34.6 17 43 4 14 E		4 16 E 17 44 +34.8
	S Lacertae 222439	est 8.3	
12 48	22 24 +39.2 17 45 4 39 E.		4 37 E 17 48 +40.2
	R Lacertae 223841	est 11.8	
12 54	22 37 +41.0 17 49 4 48 E		4 45 E 17 54 +42.2
	ST Sagittarii 185512	t2 N	
12 58	18 55 -12.9 17 56 59 E		0 57 E 17 58 -12.7
8095.8	RW Sagittarii 190819 RX 190818	RW est 9.5 RX est 10.0 -Sag = 13.0	
13 2	19 5 -19.2 18 0 1 5 E	RX 1 5 E 18 3 -18.9	RW 1. 6 E 18 1 -19.0

June 2, 1908

8095 1

	W aquilae 191007	est 8.8	
13 10	19 10 −7.4 18 4 1 3 E		1 0 E 18 10 −6.9
	T Sagittarii 191017	est 8.0	
13 12	19 9 −17.3 18 11 0 58E		0 58E 18 12 −17.2
	R Sagittarii 191019	est 7.5	
13 14	19 9 −19.2 18 13 0 58 E		0 57E 18 14 −19.3
	S Sagittarii 191319	est 11.5	
13 16	19 9 −19.3		0 57E 18 16 −19.2
	Z Sagittarii 191321	est 10.3	
13 20	19 11 −21.2 18 17 0 54E		0 54E 18 20 −20.9

June 2, 1908

8095

RR Aquilae 195202 est 8.7

13 22

19 51 -2.6
18 21
1 30 E

1 30 E
18 22
-2.2

RS Aquilae 195308 < 14.0

13 24

19 51 -8.3
18 23
1 28 E

1 29 E
18 24
-8.0

RY Sagittarii 191033 est 7.0

13 49

19 8 -33.7
18 48
20 E

0 20 E
18 49
-33.6

R Capricorni 200514 est 13.6

13 52

20 1 -14.7
18 50
1 11 E

1 13 E
18 52
-14.6

W Capric 200822 est 11.8

13 54

20 6 -22.4
18 53
1 13 E

1 15 E
18 54
-22.2

8095

June 21 1908

	Z Aquariae 200906	est 12.0	
13 57	20 7 -6.5 18 55 1 12 E		1 13 E 18 57 -6.3
	RT Capric 201121	est 7.0	
14 1	20 12 -22.0 18 58 1 14 E		1 10 E 19 1 -21.4
	RU Capric 202622	est 12.0	
14 7	20 24 -22.7 19 2 1 22 E		1 19 E 19 7 -21.9
	Y Aquarii 203905	9' 5 N	
14 8	20 37 -5.3 19 8 1 29 E		1 30 E 19 8 -4.9
	W Aquarii 204104	est 12.4	
14 12	20 39 -4.8 19 10 1 29		1 28 E 19 12 -4.6

June 2, 1908

8095 i

T Aquarii 204405 est 10.2

20 40 -5.5
19 14
1 26 E

14 15

1 29 E
19 15
-5.4

66 1263
4 205

L. P. P.

(Sat.) June 6, 1908

8099 1

L.C. Obs & Rec. J.D. ~~8101~~

8099.6 T Camelop 043065 est 10.2

4 26 +65.5
8 40 13 26
9 0 w

13:55
9:26 w
+66.2

X Camel. 043274 est 9.7

4 33 +75.0
8 43 13 57
9 24 w

13:58
9:26 w
+75.2

S Camel. 053068 est 8.8

5 30 +68.7
13 59
8 47 8 29 w

14:02
8:33 w
68.8

V Camelop 054974 est <14.0

5 45 +73.9
8 55 14 05
8 20 w

14:9
+74.7
8:30 w

S Lyncis 063558 est 12.6

6 34 +57.9
9 2 14 12
7 38 w

7:41 w
+58.3
14:17

June 6, 1908 8099

	R Lyncis 065355	est	14.0	
	6 48	+55.6		7:28 w
9 7	14 18			+55.6
	7 30			14:22
	X Urs Maj ~~est~~ 083350	est	11.2	
				5:54 w
	8 30	+50.4		+50.7
9 13	14 25			14:28
	5 55 w			
	R Urs Maj 103769	est	12.1	
	10 32	+69.3		3:56 w
9 18	14·28			+69.7
	3 56 w			14:33
	Y Cephei 003179	est	13.5	
				14:7 w
	0 30	+79.4		+80.0
9 25	14 36			14:40
	14 6 w			
	Z Cephei 021281	est	12.5	
				+81.5
9 35	2 0	+81.0		14:50
	14 42			12:33 w
	12 42 w			

099
099

8099 June 6, 1908

	RR Cephei 023080 est 14.0	
9 39	2 28 +80.7 14 52 12 24 w	+81.0 14:54 12:24 w
	T Urs Maj 123160 est 12.0	
9 48	12 31 +60.2 14 56 2 25 w	15:03 +60.2 2:32 w
	RS Urs Maj 123459 est 14.0	
9 51		+59.2 15:6 2:32 w
	T Urs Min 133273 est <13.5	
9 57	13 30 +73.8 15 10 1 40 w	+74.2 15:12 1:41 w
	R Camelop 142584 est 10.3	
10 3	14 40 +84.2 15 15 0 35 w	+84.4 0:40 w 15:18

June 6, 1908

8099

S Urs Min 153378 est 7.8

+79.2

10 09 15 33 +78.9

15 23

0 10 E

15:24 ~~0:7 E~~

~~15~~

0:11 E

~~0:15 E~~

10 12 T Cephei A.L.G. 210868 est 5.8

Z Virginis 140512 est 11.8

14 2 −12.6

10 22 15 32

1 30 W

1:32 W

−12.7

15:37

R S Virginis 142205 est 13.3

1:20 W

14 18 +5.5

10 26 15 38

1 20 W

+5.4

15:41

T Ophiuchi 162815 est 10.9

0:43 E

16 26 ~~15~~ −15.8

10 30 15 43

0 43 E

−15.6

15:45

Z Ophiuchi 171401 est 12.3

1:25 E

10 34 17 14 +1.6

15 47

1 27 E

+1.7

15:49

8099.7

June 6, 1908

SS Cygni 213843 est 11.9

21 37 +43.6 +43.4
125 52 15:55
10 40 5 45 E 5:44E

U Draco 190967 est 10.8

19 12 +67.4 +67.4
15 57 16:01
10 46 3 15 E 3:11E

10 48 R Coronae 154428 est = 5.8 [illegible]

10 50 R Hydrae 132422 est = 6.3 [illegible]

23 1286 L.P.P.
2 207

(Mon). June 8. 1908 JD-8101

L.C. Obs & Rec.

R Can Ven 134440 est 11.5

8 45	13 41 + 39.4 14 03 0 22 W	+40.3 14:11 0:26 W

R Bootis 143227 est 9.4

8 52	14 37 +27.2 14 14 0 23 E	+27.3 14:18 0:14 E

U Bootis 144918 est 10.5

8 57	14 48 +18.3 14 20 0 28 E	+18.3 14:23 0:26 E

S Serpentis 151714 est 10.6

9 01	15 14 +15.3 14 24 0 50 E	14:27 +14.9 0:49 E

Z Coronae 155229 est 13.6

9 5	15 50 +29.9 14 30 1 20 E	1:22 E +29.8 14:31

8101 6

~~✱C~~ June 8 1908.

	X Coronae	154536	est 13,4	
9 10	15 44 14 32 1 12 E	+ 36.6		1'8 E + 36.8 14: 36
	V Coronae	154639	est 10.1	
9 12	15 44 14 37 1 7 E	+ 40.0		1:7 E + 40.2 14.38
	W Coronae 161138		est 9.5	
9 17	16 8 + 38.5 14 40 1 28 E			+ 38.3 14: 43 1.28 E
	W Herc. 163137		est 12.7	
9 25	16 30 14 45 1 45 E	+ 37.0		1.40 E + 37.8 14: 51
	S S ~~R~~ Herculis	162807	est 9.5	
9 43	16 28 15 04 1 22 E	+ 6.9		+ 7.2 15: 07 1.21 E

8101 6

June 8, 1908

8101 6

U Serpentis 160210 est 9.0

9 46	16 1 +10.2 15 8 0 53 E	+10.4 15:10 0:52 E

RV Herc 165631 est 13.5

9 50	16 55 +31.1 15 13 1 42 E	+31.4 15:14 1:42 E

V Draco. 175654 est 13.4

10 00	17 54 +55.0 15 16 2 38 E	+54.0 15:23 2:32 E

X Cephei 210382 est 12.8

10 09	21 8 +82.4 15 25 5 43 E	+82.8 15:32 5:29 E

R Cygni 193449 est 7.8

10 16	19 32 +49.9 15 35 3 57 E	+50.2 15:39 3:53 E

8101 6

June 2, 1908

8101 6

8101 6

RT Cygni 194048 est 7.0

10 20 3:57 E 15:43 +48.8

194348 TU Cygni est 12.0

15:46 3:58 E +49.0

10 23

Z Cygni 195849. est 13.2

10 27

19 58 +49.6
15:48
4.10 E

+50.0
15:50
4 9 E

W Draco 180565 est 10.4

10 35

18 7 +65.9
15 52
2 15 E

+66.4
15:58
2:8 E

8101 7 X Draco 180666 est 10.6

10 36

~~8101 6~~

~~8101 6~~

+66.6
15:59
2:8 E

20 1306
− 207

P.P.

I think the bright star visible tonight is the var. & not the star obs ~~time~~ on the previous time

L.C.

July 6, 1908 (Monday)

8129 ~~8~~ 6 LC Ob & Rec PD 8129 H.C.O.

RV Virginis 130212 est 13.5

9 15
13 0 −12.4
16 24
3 24 W

3:28 W
−12.4
16:30

V Virginis 132202 est 13.8

Moon near region

9 19
13 23 −2.3
16 31
3 8 W

16:34
−2.2
3:11 W

Z Virg 140512 est 13.4

9 22
14 2 −12.6
16 35
2 33 W

2:34 W
−12.7
16:37

V Libræ (143417) est ~~14.5~~ 13.0

9 26
14 32 −17.0
16 38
2 6 W

−17.1
16:41
2:8 W

RS Virg. 142205 est 13.8

9 31
14 18 +5.5
16 42
2 24 W

16:45
+5.5
2:28 W

July 6. 1908

omitted

July 6, 1908

mistake

July 6, 1908

8129 6

T Librae 150519 est <13.5

9 35
15 4 -19.0
16 46
1 42 W

-19.6
16:49
1:45 W

X Librae 153620 est 13.8

9 39
15 27 -20.7
16 51
1 24 W

1:25 W
-20.8
16:53

U Librae 153620 est 13.4

9 43
15 33 -20.9
16 54
1 21 W

-20.9
1:23 W
16:57

Z Librae 154020 est 13.0

9 45
15 39 -20.9
16 59
1 20 W

1:20 W
-20.8
17:00

R Librae 154715 est 12.8 if cor. ident.

9 49
15 46 -16.3
17 01
1 15 W

-15.8
1:16 W
17:4

8129 6

July 6, 1908

RR Librae 1550-18 est 13.4

9 51	15 48 -180 17 05 1 17 w	1:16w -17.8 17:6

RZ Scorpii 155823 est 12.0

9 55	15 58 -23.2 17 08 1 10 w	1:11W -23.6 17:10

Z Scorpii 160021 est 9.3

9 58	16 0 -21.3 17 11 1 11 w	1:13W -21.3 17:1~~7~~6

W Scorpii 160519 est 12.0

10 1	16 3 -19.8 17 13 1 10 w	1:11W -19.7 17:16

RX Scorpii 160524 est 12.4

10 4	16 5 -24.2 17 17 1 12 w	1: 14 -24.6 17:19

July 6, 1908

8129 6

S Ophiuchi 162816 est <13.5

10 20	16 28 −16.9 17 28 1 0 w	17:35 −17.0 1:9 w

162319 RR Oph est 12.3

10 26	16 40 −19.0 17 40 1 0 w	0.59 w −19.1 17:41

R Ophiuchi 170215 est 13.6

10 29	~~+7~~ 16 58 −16.2 17 42 0 44 w	0:58 a −16.8 17:44

8129.7 S Herc 164715 est 11.5

10 39	16 46 +15.2 17 46 1 0 w	1:7 w +15.4 17:54

170627 RT Herc est <13.6

8129 7

10 42	17 4 +27.4 17 54 0 50 w	+27.4 0:51 w 17:57

8129 7

July 6, 1908

RU Oph 172809 est 12.0

	17 28 +9.6		0.33 W
10 46	17 58		+9.8
	0 30 W		18:01

RT Oph 175111 est 12.6

	17 51 +11.0		0.13 W
10 49	18 02		+11.4
	0 11 W		18:4

RY Herc 175519 est 13.9

	17 55 +19.3		+19.8
10 54	18 05		18.9
	0 10 W		0.15 W

SV Herc 182224 est f2, 29

	18 22 +24.6		+25.3
10 58	18 12		0.8 E
	0 10 E		18:13

RZ Herc 183225 est 10.4

11 02	18 30 +25.6		+25.8
	18 14		0.16 E
	0 16 E		18:17

8129 7

July 6, 1908

T Serp. 182306 Est 138

	18 21	+6.1		+6.6
11 6	18 18			0: 3 W
	0 03 E			18: 21

RY Lyrae 184134 est <14.0

	18 41	+344		0: 5 E
11 21	18 34			+348
	0 7 E			18: 36

RW Lyrae 184243 est <14.0

	18 42 +434			0: 3 E
11 25	18 37			+438
	0 5 E			18: 40

RX Lyrae 185032 est g 6 var

	18 ~~3~~48 +328			+328
11 28	18 41			0: 7 E
	0 7 E			18: 43

RT Lyrae 185737 est 13.3

11 31	18 57	+376		+37.6
	18 44			0: 12 E
	0 13 E			18: 46

July 6, 1908

V Lyrae 190529 est <13.8

	19 3 +29.7°	+29.8
11 35	18 47	0.14E
	0 16 E	18:50

S' Lyrae 190925 est 13.4

	19 8 +25.5	+26.2
11 39	18 51	0.16E
	0 17 E	18:54

RS' Lyrae 190933 est 13.9 (if seen)

	19 7 +33.0	+33.6
11 42	18 55	0.12E
	0 12 E	18:57

RU Lyrae 190941 est 13.7

	19 10 +41.0	+41.3
11 44	18 58	18:59
	0 12 E	0.10E

TZ Cygni 191350 est 10.0

11 53	19 14 +49.5	+50.2
	19 00	0.15 E
	0 14 E	19 8

3129 7

July 6, 1908

TY Cygni 192928 est 11.5

19 28 +28.0
11 59 19 09
0 19 E

+28.5
0 16 E
19:13

TU Cygni 194348 est 12.6

19 41 +485
12 02 19 15
0 26 E

0 26 E
+49.0
19:16

RT Cygni 194048 est 8.0

12 04

0:22
19:18
+49.2

X Aquilae 194604 est < 13.8

19 46 +40
12 08 19 19
0 27 E

~~0 2~~
19:23
+5.4
0:22 E

RS Aquilae 195308 est 13.4

12 15 19 51 -7.0
1925
0 26 E

19:30
-6.4
0:23 E

July 6, 1908

8129 7

Z Cygni 195849 est 13?

19 08 +49.6 0 22 E

12 21 19 32 19.36

0 26 +49.8

V Delph. 204318 est f' 2,8 g = Var

20 40 +18.7 +19.3

12 35 19 40 b 3 a 5 c 3 d 4 e 3 f 3 f' 4 g 0.33 E

1 0 E g 4 h 3 k 1 l 3 m' 5 n 3 p 19.50

p 3 n' 4 o' 3 o 7 4 p' 6 q 4 r 3 s 4 t

35 1341

7 214 L.P.P.

(Thurs) July 16, 1908

L.C. Obs. J.D. 8139

Dome slit would not open and it had to be fixed.

8139 6 St — 9 I

Z Bootis 160113 est 11.7

14 0 +14.7 +14.2

9 37 17 23 17 31

3 23 w 3:29w

U Bootis 144918 est 10.8

14 48 +18.3 +18.2

9 41 17 33 17:35

2 45 w 2:44w

161122a R Scorpii est 11.8

16 9 −22.6 −22.4

9 47 17 36 17:41

1 27 w 1:28w

S Scorpii 161122b est 11.5

9 48

July 16, 1908.

8139 6

ST Sagittarii 185512 est <14.0

9 53	18 55 −12.9 17 43 1 12 2	17:47 −12.6 1:11 Σ

X Aquilae 194604 est <13.5

10 7	19 46 +4.0 17 49 1 57 Σ	1:47 Σ .+44 18:1

RR Aquilae 195202 est 10.4

10 10	19 51 − 2.6 18 02 1 49 Σ	18:4 −1.8 1:49 Σ

RS Aquilae 195308 est <13.6

10 16	19 50 −7.2 18 05 1 45 Σ	1:44 Σ −7.8 18:10

R Capric. X200514 est 13.5

10 23	20 1 −14.7 18 12 1 49 Σ	18:17 1:48 Σ −14.4

July 16, 1908

8139 7

W Capric 200822 est 13.6

11 18 20 5 -22.4 1:1 E
19 2 -221
1 3 E — 19:7

RU Capric 202622 est <13.3

11 23 20 24 -22.7 1:10 E
19 8 -21.8
1 16 E 19:17

R Herculis 160118 est 11.0

10 45 — 6" tel. obs.

copied from memory

R Urs Maj 105769 est 9 <
11 00 6" tel Obs

copied from memory

9 1350 L.P.P.
4 218

Tues. July 21, 1908

8144 6 L. C. Obs of Rec J.D. 8144

RS Ursa Maj. 123459 Est 13.5

8 35 12 32 +59.2
16 38
4 6 W

16:48
+59.3
4:13 W

133273 T Ursae Min est 12.9

8 41 13 30 +73.8
16 50
3 20 W

16:54
+73.4
3:21 W

213843 SS Cygni est 8.7

8 47
~~9~~ 1

21 37 +43.6
16 57
4 40 E

Ida

+43.4
* 17:00
4:39 E

Z Oph. 171401 est 10.1

9 11 17 14 +1.6
17 18
0 4 W

+1.8
17:24
0:8 W

Z Coronae 155229 est 11.2

9 18 15 50 +29.9
17 26
1 36 W

1:36 W
+29.8
17:31

8144 6

July 21, 1908

16 56 31 RV Herc. est <14.0

9 21 16 55 +31.1
17 33
0 38 W
+31.4
17:34
0.38 W

17 17 23 RS Herc est 8.6

9 27 17 18 +23.1
17 38
0 20 W
+23.3
0.22 W
17:40

RU Oph 17 28 09 est 11.5

9 29 17 28 +9.6
17 42
0 14 W
+9.7
17:42
0:14 W

RS Oph 17 44 06 est 11.4

9 31 17 43 −6.8
17 43
0 0
−6.6
17:44
0 0

W Lyrae 18 11 36 est 8.0

9 35 18 10 +36.6
17 45
0 25 E
0:23 E
+36.8
17:48

July 21, 1908

81 4 6

U Lyrae 191637 est 12.2

9 41 | 19 17 +37.6
17 50
1 27 E

+37.8
17:54
1:23 E

R Aquilae 190108 est 10.8

9 48 | 19 1 +8.1
17 55
1 06 E

19.1
5.0
+8.1

Clds

11 1361
1 219

Thur Aug 18, 1908

L.C. Obs. J.D ~~8171~~ 8172

8172 5 144918 U Bootis est 11.2

14 47 +18.3 +18.3
8 4 18 04 18:8
3 17 W 3:18 W

R T Librae 150018 est 12.8

~~8172 6~~

14 58 −18.5 −18.2
8 11 18 09 18 15
3 11 w 3 14 W

8172.6 T Librae 150519 est <13.0

15 4 −19 0 −19.2
8 13 18 16 18:17
3 12 W 3:12 W

Y Librae 150605 est 10.7

15 4 −4 9 −15.4
18 18 18:22
8 18 3 14 W 3:15 W

Var nf Y = 12.8

RS Librae 151822 est 7.8

−22.6
15 14 −22.6 18 26
8 22 18 24 3:8 W
3 10 W

Aug 18, 1908

8172 6

152714 RU Librae, est 11.0

15 28 −14 3 — −14.8
8 24 — 18 27 — 18:28
2 59 w — 3:1 w

S Librae 153020 est 10.8

15 27 −20.6 — −20 6
8 29 — 18 29 — 18:33
3 2 w — 3:3 w

U Librae 153620 est 12.2

15 32 −21.2 — −20 8
8 33 — 18 34 — 18 37
3 2 w — 3 5 w

R Librae 154715 est 10.5

15 46 −16 3 — −15.6
8 38 — 18 38 — 18:42
2 52 E — 2:54 w

RR Librae 155018 est 12.9

15 48 −17.9 — −17.8
8 44 — 18 45 — 18:48
2 57 w — 2:57 w

Aug 18 1908

8172 6

RZ Scorpii ~~[illegible]~~ 155823 est 8.2

15 58 -23.2 -23.4
8 50 18 49 18:54
2 51 w ~~#~~
2:54w

Z Scorpii 160021 est ~~8~~ est 11.1

16 0 -21.3 -21.2
8 52 18 55 18:56
2 55 w 2:56w

X Scorpii 160221 est 12.2

-21.1
16 1 -21.1 18:58
18 57
8 54 2 56 w 2 55 w

W Scorpii 160519 est 10.7

-19.6
16 4 -19.8 19:2
8 58 18 59 2:56w
2 55 w

RT Scorpii 160524 est 11.0

9 1 16 5 -24.2 -24.0
19 3 19 5
2 58 w -2 59w

8172 6

Aug 18, 1908

R Scorpii 161122a est <13.3

16 11 −22.7
19 06
2 55 W

9 3

+22.3
19 7
2 55 W

S Scorpii 161122b est 10.0

W Oph 161607 est 11.0

16. 16 −7.4
19 08
2 52 W

9 6

−7.2
19 10
2 55 W

Y Scorpii 162319 est 10.6

16 21 −18.2
19 11
2 50 W

9 9

−18.9
19:13
2 51 W

162813 T Oph est 12.9

16 27 −15.8
19 13
2 46 W

9 11

−15.8
19:15
2:48 W

S Oph 162816 est <13.3

16 28 −16.9
19 15
2 47 W

9 13

−17.0
19:17
2:49 W

Aug 18, 1908

8172 6

R Can Ven. 134440 est 11.1

	13 41 + 39.2	+40.2
9 18	19 17	19:22
	5 36 w	5:37 w

S Bootis 141954 est 12.4

	14 20 +52.5	+54.3
9 24	19 24	19:28
	5 4 w	5:8 w

S Coronae 151731 est 12.5

	15 17 +31.7	+31.9
9 30	19 29	19:34
	4 12 w	~~5 6~~ 4:16 w

R Herc 160118 est 12.8

	16 2 +17.5	+18.8
9 35	19 35	19:39
	3 33 w	3:38 w

RU Herc 160625 est 9.2

	16 4 +25.9	+25.7
9 40	19 41	19:44
	3 37 w	3:38 w

Aug 18, 1908

8172 6

W Coronae 161138 est 9.3

9 44	16 8 + 38.5 19 46 3 38 W	+ 38 3 19:48 3 36W

W Aquilae (19100) est 11.2

9 51	19 7 −7.4 19 51 0 44 W	−7.2 19:55 0.44W

X Aquilae 194604 est 12.2

9 57	19 46 +4.0 19 56 0 10 W	+4.4 20:1 0:14W

RT Herc 170627 est 13.0

10 ~~27~~ 34	17 4 +27.4 20 4 3 0 W	+27.5 20:38 3.31W

8172.7 · 175111 RT Oph est <13.5

11 10 38	17 51 +11.0 20 39 2 48 W	+11.5 20:42 2:49W

Aug. 18. 1908

8172 7

X Coronae 15 45 36 est 8.3

10 44	15 46 +36.0 20 46 5 0 w	+36.8 20:48 5:2 w

Rly Herc 17 55 19 est 11.1

10 48	17. 55 +19.6 20 50 2 55 w	+19.8 20 52 2 56 w

29 | 1390 L.P.
4 | 223

8175 5

Friday, Aug 21, 1908

L.C. Obs. J.D. 8175

Z Bootis 140113 est 13.1

14 0 +147 +14.2
7 55 18 7 18:11
4 7 w 4.8 w

RV Virg. 142205 est

14 18 +5.5 Too cloudy here
7 58 18 12
3 54 w

162807 SW Herc. est 12.0

16 26 +6.9 +7.2
8 02 18 15 18:18
1 49 w ~~[illegible]~~ w
1:50

T Serpentis 182306 est 13.0

8175 6

18 21 +6.1 +6.6
8 13 18 21 0:4 w
6 6 18:29

RY Lyrae 184134 est 13.1 if seen

18 41 +3 44 +3 4.8
8 18 18 30 0:10 E
0 11 E 18:34

Aug. 21 1908.

8175 6

RW Lyrae 184243 Ext 1 30

A. 30m

18 42 +43.6
18 35
0 07 E

+43.6
0.2 W
18:45

5 1395
223 L.P.P.

(Friday) Aug. 28. 1908

8182 6 LC Obs. JD 8182

W Lyrae 181136 est 8.8

9 8	18 10 +36.5 19 48 1 38 W	+36.8 19:52 1:40 W

R X Lyrae 185032 est 13.2

9 12	18 48 +32.8 19 54 1 6 W	+33.0 19:56 1:6 W

Z Lyrae 185634 est. 11.8

9 15	18 55 +34.6 19 57 1 2 W	+35.0 19:59 1:2 W

185737 R T Lyrae est 11.1

9 19	18 57 +37.6 19 59 1 2 W	+37.8 20: 3 1:5 W

190529 V Lyrae est <13.6

9 24	19 3 +29.7 20 4 1 1 W	1:3 W +30.0 20:8

Aug. 28, 1908.

8182 6

S Lyrae 190925 est <13.8

9 30	19 8 20 10 1 2w	+25.5	1:3w +26 2 20:13

RS Lyrae 190933 est 13.5

9 34	19 7 20 14 1 7w	+33.0	+33.4 20:17 1: 8w

RU Lyrae 190941 est 11.1

9 38	19 10 20 18 1. 8w	+41.0	1:12w +41.3 20:21

TZ Cygni 191350 est 10.7

9 48	19 14 20 22 1 8w	+49.5	1:15w +50.2 20:31

U Draconis 190967 est 13.2

9 53	19 12 20 32 1 20w	+67.4	+67.3 20:36 1:23w

Aug 28, 1908

8182 6

	ST Cygni 200357 est 13.8 Var. sup.	
9 56	20 0 +57.7 20 38 0 38 W	+57.8 20:40 0:34 W
	SY Aquilae 20042 est 11.6	
10 11	20 0 +12.5 20 42 0 42 W	+12.0 0:52 W 20:55
	V Delphini 204018 est 11.1	
10 24	20 40 +18.4 20 56 0 16 W	0:21 W +19.2 21:5
	RU Aquilae 200812 est <13.8	
10 35	20 7 +12.6 21 7 1 0 W	21 6 18 1:10 W +12.8
8182.7	V Sagittae 201520 est 11.5	
10 39	20 13 +20.7 21 19 1 6 W	+21.2 21:22 1:5 W

8182 7

Aug. 28, 1908

Z Delphini 202817 est <13.4

10 43	20 27 +16.8	~~+~~
	21 24	0:57 w
	0 57 w	+17.2
		21:26

Y Delph. 203611 est <13.6

	20 35 +11.0	0:56 w
10 50	21 27	+11.8
	0 52 w	21:33

RR Aquilae ~~20~~ 195202 est 10.8

10 55	19 51 −2.6	1:45 w
	21 35	−1.8
	1 44 w	21:39

RS Aquilae 195308 est <13.1

10 59	19 51 −8.2	1:49 w
	21 41	−7.8
	1 50 w	21:43

R Capricorni 200514 est <13.2

11 03	20 3 −14.6	1:41 w
	21 44	−14.4
	1 41 w	21:47

Aug 28, 1908

8182 7

X Delph 205017 est 10.4 = N of two

20 48 +17.2 1:0 w
11 08 21 48 est southern = 13.0 +17.4
1 0 w 21:52

R Equulei 210812 est 8.8

21 7 +12.6 +12.6
11 19 21 54 0:54 w
0 47 w 22:3

X Pegasi 211614 est 11.4

21 14 +13.7 +14.3
11 22 22 04 0:49 w
0 50 w 22:6

214024 RR Pegasi est 12.8

21 38 +25.6 +24.7
11 27 22 07 0:30 w
0 29 w 22:11

Y Pegasi 220613 est 12.0

22 3 +13.9 +14.2
11 37 22 12 0:14 w
0 9 w 22:20

Aug 28, 1908

8182 T

RS Pegasi 220714 est 12.8

11 38

2221
0.14 W
+14.4

V Pegasi 215605 est 10.0

11 43 21 53 +5.4
22 23
0 30 W

0.30 W
+6.0
22.26

RT Pegasi 215934 est 11.0

11 47 21 57 +34.6
22 27
0 30 W

+35.2
0.30 E
22 30

SS Cygni 213843 est 11.9

11 53 21 37 +43.6
22 32
0 55 W

+43.6
0.56 W
22.30

~~SX Cygni~~ 233335 Est 10.9
ST Andromedae ~~00~~

12 29 23 31 +35.0
23 9
0 22 E

0.21 E
+35.6
23 14

Aug 28, 1908

8182 7

Z Pegasi 235525 est 11.3

12 36
23 5 3 +25.0
23 15
0 38 E

0:36 E
+25.6
23:20

X Androm 001046 Est 8.8

12 39
24 7 +46.0
23 20
0 47 E

+46.6
0.48 E
23:23

T Androm 001726 est < 13.3

12 43
24 12 +25.6
23 24
0 48 E

+26.0
0.51 E
23:27

RW Androm 004132 est 10.8

12 53
24 41 +32.2
23 28
1 13 E

1:7 E
+32.4
23:37

RX Androm 005840 est 12.0

8182 8

13 03
24 5.5 +40.6
23 38
1 17 E

1:13 E
+41.0
23:47

Aug. 28, 1908

8182 8.

U Androm 010940 est <13.0

13 8	25 8 23 48 1 20 E	+40.2		+40.5 1:18 E 23:52

W Androm 021143a est 8.2

13 21	26 4 23 54 2 10 E	+43.5		2:8 E +44.1 0:5

ο Ceti [illegible] 021403

13 24		est 6.2		

Z Ceti 010102 est 10.0

13 30	1 0 0 10 0 50 E	−2.5		0:49 E −1.7 0.14

S1 Pisc min 011208 est <12.8

13 34	1 7 0 15 0 52 E	+8.0		0:54 E +8.7 0:18

Aug 28, 1908

818.2 8

U Piscium 011712 est <13.0

13 37 1 15 +12.1 0:57 E
0 19 +12.6
0 56 E 0:21

R Triang 023133 est 11.4

13 41 2 30 +34.0 2:7 E
0 22 +34.2
2 8 E 0:25

Y Persei 032043 est 9.6

13 48 3 19 +43.8 2:50 E
0 27 +40.0
2 52 E 0:32

R Persei 032335 est 12.4

13 55 3 26 +35.3 2:47 E
0 33 +35.4
2 53 E 0:39

R Piscium 012502 est 11.7

14 5 0:38 E
1 20 +3.0 +2.8
0 42 0:50
0 38 E

Aug. 28, 1908

81828

S Arietis 015912 est 13.0

14 12
1 57 +12.2
0 52
1 05 E

+12.4
1.3 E
0.56

T Arietis 024217 est 9.0

14 16
2 41 +16.8
0 57
1 44 E

1:43 E
+17.4
1:00

~~022000~~ R Ceti est 10.2

14 28
2 14 −1.0
1 2
1 12 E

−0.7
1:10 E
1:12

U Ceti 022813 est 10.0

14 40
2 27 −13.0
1 20
1 07 E

1:6 E
−13.2
1:23

— Aurigae 060547 est 11.3

14 49
6 5 +47.4
1 25
4 40 E

R P.

40 1435
11 234

4:35 E
+48.0
1:32

Fri. Sept. 4, 1908

8189 6 LC Obs & Rec J.D. 8189

V Coronae 154639 est 12.5

8 37	15 46 +39.8 19 38 3 52 W	4.1 W +40.2 19.47

RU Herc. 160625 est 8.0

8 40	16 6 +25.9 19 48 3 42 W	+25.5 3 43 W 19.50

SS Herc 162807 est 12.0

8 43	16 28 +6.9 19 51 3 23 W	+7.4 3.26 W 19.53

RU Oph 172809 est 9.0

8 49	17 28 +9.6 19 54 2 26 W	2.31 W 19.59 +9.7

SS Cygni 213843 est 11.6

9 5	21 37 +43.5 20 00 1 37 E	1.23 E +43.4 20.15

Sept 4. 1908

8189 6

9 10 Cloudy.

9 45 Too cloudy.

8189 7

11 30 Clear.

— Aurigae 060547 est 11.3

11 44 obs. diff. in Rage. 7:14 E
+48.0
22.54

6 1441 L.P.P.
234

Tues. ~~Sept~~ Sept 8, 1908

8193 5

L.C. Obs J.D. 8/~~8~~ 9 3

R Camelop. 142584 est 13.0

7 38 14 40 +84.2 +84.8
~~19~~ 18 50 4:41 W
~~5~~4 10 W ~~1~~19:04

R Draco 163266 est 11.1

7 44 16 33 +66.5 +67.2
19 06 19:10
2 33 W 2:38 W

T Draco 175458 S.p. = – = 10.6
N.f. = T = ~~10~~ 10.5

7 59 17 52 +58.5 17 56 +58.5
19 12 19 23 19.25
1 20 W 1 27 W 1.31 W

V Draco 175654 est < 13.0

8 03 17 55 +55.1 +55.3
19 27 19.29
1 32 W 1:33 W

W Draco 180565 est < 13.0

8 06 18 7 +65.9 +66.3
19 30 19 32
1 23 W 1:26 W

8 08 X Draco 180666 ~~est~~ +66.6
19 36
est 12.8 susp. 1 28 W

Sept 8, 1908

8193 b

RT Herc ~~#~~ 170627 est <131

8 24	17 4 +27.4 19 37 2 33 W	2:40 W +27.5 19:47

171723 RS Herc est 76

8 28	17 18 +23.1 19 48 2 30 W	2 33 W +23.5 19:51

SX Cygni 201130 est fr4 Var

8 38	20 10 +30.8 19 53 0 17 E	0:12 E +31.3 20:01

V Cygni 203847 est 125

8 49	20 38 +47.8 20 02 0 36 E	+48.2 20.12 0:27 E

V Sagittae 201520 est 11.5

8 58	20 13 +20.7 20 13 0 0	+21.1 0.6 W 20 21

Sept 8, 1908

8193 6

T Delph 204016 est 12.5

9 1 20 41 +16.0 +16.2
20 22 0:17 E
0 19 E 20 24

S Delph. 203816 est 9.8

9 4 0:12 E
+17.0
20 27

RZ Cygni 204846 est 11.5

20 47 +47.2 0:16 E
9 10 20 30 +47.3
0 17 E 20 33

205830 2d X Cygni est 11.8

9 14 20 50 +29.7 +30.3
20 34 20.37
0 16 E 0.14 E

210129 TW Cygni est < 12.8

20 57 +28.5 +29.4
9 19 20 37 0:20 E
0 20 E 20 42

Sept 8, 1908

8193 6

SS Cygni 213843 est 9.4

9 31	21 37 +43.6 20 45 0 52 E	+43.8 0 46 E 20:54

RT Pegasi 215934 est 11.0

9 46	21 57 +34.6 21 05 0 52 E	+34.8 0 51 E 21:09

RV Pegasi 222129 est <12.8

9 57	22 18 +29.8 21 11 1 7 E	1:07 E +30.0 21:14

V Cassiop 230759 est 12.8

10 5	23 4 +58.5 21 15 1 49 E	1:40 E +59.2 21:28

Z Cassiop 233956 est 11.0

10 11	23 37 +55.5 21 30 2 07 E	+56.2 21:34 2:6 E

Sept 8, 1908

8193 6

R Cassiop 235350 est ~~12~~ 5 var
sure of identification

1020 23 52 +50.4 | 21 43
21 36 | ~~23~~ +51.1
2 16 E | 2 12 E

RR Cassiop 235053 est 12.6

23 49 +529 | 2:0 E
10 29 21 44 | +53.4
2 5 E | 215 2

8193.7 y Cassiop 235855 Est <12.8

23 56 +54.7 | +55.4
10 39 21 54 | 1:57 E
2 2 E | 22:2

SS Cygni 213843 Est 9.4

~~8193 7~~

~~21 37~~ +43 ~~.8~~ | +43.4
10 43 21 40 | 22.6
22 04 | 0.26 W
0 24 E

— Aurigae 060547 Est 12.2

+48.1
10 57 6 30 5 +47.4 | 22:22
22 5 alt low | 7:45 E
8 0 2 moon bright

8193 T

Sept 8, 1908

o Ceti 021403 est [illegible]

est = k 2, 2 l

11 00

22 1463 L pp
6 240

Mon. Sept. 14, 1908.

Small mirror reported as resilvered on this day

8200

Sept 15, 1908

L.C. Obs. J.D. 8205

8200.7 — Aurigae 060547 est < 12.6

8303 +47.5
2223
7 40 E

+ 47.4
22 33
7 E

10 40

Region low, moon near & some foggy condition low down, obs. tedious and diff

T 1463/241 L.P.P.

8204 5

Sat. Sept. 19. 1908

L C Obs. J.D. 8204

~~o Ceti~~

R Coronae 154428

7 12 ~~H G.~~ est 6.0

Y Draco. 093178 ~~est 10~~

est 12.5

7 31
9 29 +78.7
19 29
10 0 ~~W~~

+78.6
19:41
10:8W

U Urs Min 141567 est 9.8

7 37
14 15 +67.7
19 43
5 28 W

+67.2
5:32W
19:47

S Bootis 141954 est 12.7

7 42
14 21 +54.4
19 49
5 28 W

+54.2
5:32W
19:52

R Bootis 143227 est 9.2

7 48
14 37 +27.2
19 53
5 16W

5:26W
+27.3
19:58

Sept. 19, 1908

8204 5

S Coronae 151731 est 12.3

15 17 +31.7
7 50 19 59
4 42 w

+31.6
4:44 w
20 00

RR Herc. 160150 est 8.5

15 55 +50.3
7 55 20 02
4 07 w

4:3 w
+50.7
20:.5

T Herc. 180531 est 12.2

18 2 +30.5
8 00 20 6
2 4 w

+30.8
2:6 w
20:10

SV Herc 182224 est 12.0

18 22 +24.6
8 03 20 12
1 50 w

1:51 w
+24.8
20:13

RZ Herc 183225 est 11.0

8 9 18 30 +25.6
20 15
1 45 w

1:47 w
+25.8
20:19

Sept ~~21~~ 19, 1908

8204 6

SS Cygni 213843 est 8.9

8 14	21 37 +43.6 20 20 1 17 E	20:24 +43.9 1:15 E

TZ Cygni 191350 est 9.3

8 21	19 14 +49.5 20 26 1 12 W	+49.8 20:31 1.17

RT Cygni 194048 est 11.4

8 25	19 39 +48.5 20 33. 0 54 W	20 35 +48.5 0.56 W

TU Cygni 194348 est b1.4 x

8 29		20:39 +48.8 0.57 W

194632 χ Cygni est 11.1

8 35	19 41 +33.4 20 41 1 0 W	+32.8 0:58 W 20:45

Sept 19, 1908

8204 6

201437b W X Cygni est k4,2l

8 39 20 12 +37.5 — 0.35W
20 47 — 20:49
0 35 W — +37.2

V Sagittae 201520 est 11.6

8 55 20 13 +21.1 — 0.50W
20 51 — +20.6
0 38 W — 21:5

S Delph. 203816 est 10.4

9 06 — +16.7
21:16
0:38W

204016 T Delph. est < 12.3

9 00 20 40 +16.0 — 21:10
21 06 — +15.9
0 26 W — 0:30W

V Delph 204319 est 12.0

9 08 20 42 +18.5 — +18.8
21 17 — 21:18
0 35 W — 0:35W

8204 6

Sept. 19, 1908

R Vulpec 205923 est 9.8

9 12	20 56 +22.8 21 20 0 24 W		+23.2 21:22 0:32 W

V Pegasi 215605 est 8.7

9 16	21 53 +5.4 21 23 0 30 E		+5.5 0:29 E 21:26

T Pegasi 220412

	22 4 +12.0 21 28 0 36 E	abandoned cant identify	

RX And. 005840 est 12.0

9 51	24 55 +40.6 21 55 3 0 E		+40.6 22:1 2:59 E

Y Cephei 003179 est 9.0

9 56	24 30 +79.4 22 03 2 27 E		22:6 +79.6 2:26 E

Sept. 19, 1908

8204 6

Z Cephei 02128 1

26 0 +81.0

10 10 22 8

352 E

Too hazy

23 1486 LPP

1 242

Sunday Sept. 27, 1908

8212 5 L.C. Obs & Rec J.D. 8212

SS Cygni 213843 est 9.3 h = 9.7

7 23 21 37 +43.6 20.5
20 02 +43.1
1 35 E 1.34 E

ST Cygni 202954 est 11.2

7 30 20 27 +54.3 +53.8
20 07 20:12
0 20 E 0:19 E

V Cygni 203847 est 11.0

7 41 20 38 +47.0 +47.5
20 13 0 17 E
0 25 E 20:23

X Cephei 210382 est 10.5

7 50 21 8 +82.4 +82.6
20 25 20:32
0 43 E 0:32 E

R Coronae 154428

7 52 HLG est 60

Sept 27, 1908

8212 5

R Scuti 184205

7 54 est c 2, 2d = 5.1

R Cassiop 235350 n 3, 0 v = 9.6

3 13 E
+50.7
~~20~~
20:41

~~8 00~~ 2352 +50.0
20 39
3 13 E

Z Androm 232848 est h2, 3k

8 04 23 28 +48.5
20 43
2 45 E

+48.3
20:45
2 45 E

ST Androm 233335 est 9.3

8 09 23 33 +35.3
20 47
2 46

+35.2
20:50
2:45 E

RW Pegasi 225914 est 11.0

8212 6

8 13 22 58 +14.5
20 51
2 7 E

+14.6
20:54
2:6 E

Sept. 27, 1908

8212 6

R Lacertae 22 38.41 est 12.0

8 19	22 39 20 56 1 43 E	+41.0	+41.6 21.05 1.40 E

S Lacertae 22 24 39 est 11.9

8 26	22 24 21 02 1 22 E	+39.5	+39.8 7 21.7 1.18 E

8 30 Saturn eye = 0.8 est

13 1499 L.P.P.
242

8220 5

Mon Oct. 5, 1908
LC Obs. J.D. 8220

R Coronae 154428
est Ady. = 6.2
7 12

R Scuti 184205 est Ady. = 5.5
7 14

SS Cygni 213843 est 11.0

7 21
21 37 +43.6
20 34
1 3 2

1:32
+43.2
24.36

T Ursæ Min 133273 est 9.6

7 30
13 32 +73.0
20 38
7 6 W

7:13W
+73.7
20:45

R Herc 160118 est <13.5

7 41
16 2 +17.5
20 47
4 45 W

4:54W
+18.5
20 56

Oct. 5, 1908.

8220 5

SW Herc 162807 est 9.4

7 44	16 26 +69 20 57 4 31 W	+6.8 20:5.9 4:33 W

RT Herc 170627 est 13.2

7 53	17 4 +27.4 21 4 4 0 W	4:1 W +27.2 21.8

RT Oph 175711 est <13.4

7 57	17 51 +11.0 21 09 3 18 W	3:20 W +11.2 21:12

RY Oph 181103 est 13.2 if correctly ident.

8 00	18 6 +3.6 21 12 3 6 W	3:4 W +3.5 21:15

T Serpen 182306 est 11.7

8 03	18 21 +6.1 21 16 2 55 W	2 56 W +6.1 21:18

Oct. 5, 1908

8220 5

RZ Herc 183225

8 7
18 30 +25.6 northern of 3 = 13.2
21 19 ~~southern of 3 = 12.0~~
2 49 W ~~is northern = Var or the southern~~
~~look up~~ northern = Var.

+25.8
21 : 22
2 : 51 W

NV Herc 182224 est 13.4

~~8220 6~~

8 10
18 22 +24.6
21 24
3 2 W

3.3 W
+24.8
21 : 25

8220.6 RX Lyrae 185032 est 12.4

8 15
18 48 +32.8
21 27
2 39 W

2,41 W
+32.4
22 : 30

RY Lyrae 184134 est 12.3

8 18
18 41 +34.4
21 31
2 50 W

2 : 51 W
+34.4
22 : 33

Z Lyrae 185634 est 12.8

8 20
18 55 +34.6
21 33
2 38 W

2 : 39 W
+34.8
22 35

8220 6

Oct. 5, 1908

RT Lyrae 185737 est 10.5

8 23	18 57 +37.6 21 37 2 40 W	2:40 W +37.3 21:38

~~R~~V Lyrae 190529 est <13.5

8 26	19 3 +29.7 21 38 2 35 W	2:37 W +29.6 21:41

S Lyrae 190925 est <13.8

8 29	19 8 +25.6 21 42 2 34 W	2:35 W +25.8 21.44

RS Lyrae 190933 est 12.2

8 31	19 7 +33.6 21 45 2 38 W	2:36 W +33.8 21:46

RW Lyrae 184243 est <13.3

8 36	18 42 +43.4 21 47 3 5 W	3:9 W +43.4 21:51

Oct 5, 1908

8220 6

RU Lyrae 190941 est 11.0

19 10 +41.0
8 39 21 52
2 42 W

2:46 W
41.1
21:54

U Draconis 190967 est 13.2

19 12 +67.4
8 43 21 55
2 43 W

2:57 W
+67.4
22 58

SY Aquilae 200212 est 12.~~4~~

20 0 +12.5
8 49 22 0
2 0 W

2:1 W
+12.6
23:4

RU Aquilae 200812 est <13.3

20 7 +12.6
8 51 22 5
1 58 W

~~2~~ 1:58 W
+12.5
22:6

201520 V Sagittae est 11.5

20 13 +20.7
8 5X 22 07
1 54 W

+20.6
1:54 W
22:9

Oct 5, 1908

8220 6

Z Delph. 202817 est 125

8 57 2027 +16.8 1:44W
22 10 +16.8
1 43 W 22:12

Y Delph. 203611 est <13.5

9 05 20 35 +11.0 1:38W
22 13 +11.6
1 38 W 22:15

204846 RZ Cygni est 12.2

9 3 2047 +47.2 +46.8
2217 22:18
1 30 W 1:31W

δ Cephei 213678 est 9.0

9 12 2136 +78.0 Telescope moved
22 20 before setting could
0 44 W be made.
Too diff to refind

X Pegasi 211614 est 13.2

9 21 2114 +13.7 +13.8
22 30 1:20W
1 ~~4~~16 W 22 36

Oct 5, 1908

8220 6

V Pegasi 215605 est 9.3

9 24 21 53 +5.4
22 36
0 43 W

0:44 W
22:39
+5.5

T Pegasi 220412 est <13.4

22 5 +12.4
9 34 22 40
0 35 W

+11.8
22:49
0:44 W

RS Pegasi 220714 est <13.4

22 5 +14.0
9 37 22 50
0 45 W

0:45 W
+14.0
22 52

Y Pegasi 220613 est 10.0

9 38

0:45 W
+13.8
22:53

TW Cygni 210129 est <13.5

21 0 +28.5
9 45 22 55
1 55 W

1:57 W
+28.8
23 00

Oct 5, 1908

8220 6

RR Pegasi 214024 est <13.4

9 49 21.38 +24.5 | +24.4
23 02 | 1:25 w
1 24 w | 23 4

RV Pegasi 222129 est 9.0

9 53 22 18 +29.8 | +29.8
23 06 | 0 47 w
0 48 w | 23:8

RVulpec. 205923 est 8.0

20 56 +22.7 | 2:13 w
9 59 23 09 | +23.2
2 13 w | 23:14

S Pegasi 231508 est

10 6 23 12 +7.2 Abandoned
23 15
0 3 w can't find

231425 W Pegasi est 9.6

10 8 23 15 +25.8 | +25.6
23 21 | 0:8 w
0 6 w | 23:23

Oct 5, 1908

8220 6

S Pegasi 231508 ~~est~~ 12.0

resumed 23:26
10 11 0:11 W
+8 3

Z Pegasi 235525 est 10.4

23 33 +25.0 23:29
10 14 23 28 0:26 E
0 25 E +25 K

T Androm 001726 est 11.0

24 14 +25.6 23:33
10 18 23 31 0:44 E
0 43 E +26 3

V Androm 004435 est 11.1

24 46 +34 5 1:7 E
10 22 23 34 +34 8
1 12 E 23:37

RR Androm 004533 est 10.8

10 25 24 43 +33.5 1:06 E
23 38 +33.6
1 05 E 23:40

Oct 5, 1908

8220 6

	0 44 + 46.8 23 41 1 3 E	RV Cass est 12.4 004746	1.0 E +46.8 23:45
10 30			
	U Cass 004047 est 13.0.		
10 33	0 40 + 47.7 23 46 0 54 E		+47.6 23:48 0:53 E
	RX And. 005840 est 12.8		
8220 7 10 41	0 55 +40 6 23 50 ~~0 05~~ E 1	2 5 0 23 51 1 9 E	23 56 +40.6 1:8 E
	V Cassiop 230759 est		
10 50	23 6 +58.8 23 58 0 52 W	abandoned	

36 36 L.P.P.
11 11

(Tues) Oct. 6, 1908

8221 5 L.C. Obs & Rec PD-8221 24"

SS Cygni 213843 est 11.3

7 14	21 37 +43.6 20 27 1 10 E		1:9 E +43.1 20:29

R Bootis 143227 est 9.9

7 35	14 37 +27.2 20 31 5 54 W		6:7 W +27.0 20:40

U Bootis 144918 est 11.7

7 29	14 50 +18.1 20 41 5 51 W		5:53 W +17.9 20:44

S Coronae 151731 est 12.8

7 36	15 17 +31.8 20 45 5 28 W		5:34 W +31.5 20:51

U Serp. 160210 est 12.8

7 39	16 1 +10.2 20 52 4 51 W		4:51 W +10.2 20:54

Oct. 6, 1908

8221 5

X Coronae 15 45 36 est 10.2

7 43
15 43 +36.6
20 56
5 13 W

36.5
5:12 W
20:58

Z Coronae 15 52 29 est 10.1

7 49
15 52 +29.5
20 58
5 6 W

+29.4
5:12 W
21 4

T Herc 18 05 31 est 9.6

7 53
18 2 +30.5
21 6
3 4 W

+30.8
3:3 W
21:8

T Draconis 17 54 8 T = 10.2
— = 11.5

7 57
17 56 +58.5
21 10
3 14 W

+58.2
21:12
3:18 W

V Draco 17 56 54 est 12.7

8 00
17 55 +55.1
21 14
3 19 W

21:15
+54.7
3:19 W

Oct. 6, 1908.

180565 W Dracon. est 12.8

A 06 18 7 +65.9 3:16 W
21 17 +65.8
3 10 W 21:21

180666 X Dracon est 12.0

A 07 3:16 W
+66.1
21:22

RT Aquilae 193311 est 12.8

A 19 19 30 +11.0 +11.4
21 30 21:34
2 0 W 2:1 W

RV Aquilae 193509 est 13.2
if seen

A 21 19 34 +9.4 21:36
21 34 2:1 W
2 0 W +9.5

15 51 L.P.P.
11

8228 5

Tues Oct. 13, 1908

L.C. Obs. & Rec 24" J.D. 18228

SS Herc. 162807 est 9.6

7 39	16 26 +7.0 20 56 4 30W	16 26 21 16 4 50W	4 53W +68 21:22 16:29

ST Sagittarii 185512 est 14.0

7 45	18 55 −12.9 21 25 2 30 W		−13.2 21:28 2.33W 18:55

R Sagittarii 191019 est 12.9

7 50	19 9 −19.2 21 29 2 20W		21:33 −19.6 2 22W 19:11

RW Sagitt. 190819 est 10.1

7 52			2:26W 21:35 ~~57~~ −19.2 19:9

RX Sagitt 190818 est 13.6

7 54			2:27W 21:37 −19.1 19:10

Oct. 13, 1908

8228 5

T Sagitt 191017 est 10.4

7 56 19 11 −17.8
21 38
2 27 W

2 28 W
−17.4
21:39
19:11

S Sagitt 191319 est 12.8

7 57

2:26 W
−19.4
21:40
19:14

Z Sagitt 191321 est 12.0 évident. sure

8 00

2 28 W
−21.4
21:43
19:15

W Aquil 191007 est 12.6

8 6

−7.4
2:38 W
21:49
19:11

R Aquilae 195308 est 12.6

8 10 19 51 −8.0
21 51
2 0 W

1:59 W
−8.4
21:53
19:54

Oct 13, 1908

8228 6

R Capric 200514 est 12.8

8 13
20 3 -14.6
21 54
1 51W

1:50 W
-14.7
21:56
20:6

W Capric. 200822 est 03.2f

8 16
20 8 -22.3
21 58
1 50W

Var diff to
est. 14th
at least

1.51W
-22.3
21:59
20:8

Z Aquilae 200906 est 11.6

20:9

8 18
20 7 -6.5
22 0
1.53 W

22 1
1.52W
-6.7

RT Capric 201121 est 7.1

8 19
20 12 -21.9
22 02
1 50 W

-21.8
1.51W
22 2
20:11

Y Aquarii 203903 est 9'5 var
old not.

8 23
20 39 -5.3
22 03
1 24 W

14th

1:26 W
-5.0
22:6
20:40

Oct 13, 1908

8228

W Aquarii 204104 est 9.3

8 25 20 39 -4.8
22 07
1 28 W

1:26 W
-4.7
22:8
20:42

T Aquarii 204405 est 12.1

8 27 20 42 -5.5
22 09
1 27 W

1:26 W
-5.8
22: 10
20:44

U Capric 204215 est 11.4

20 43 -15.1
8 33 22 11
1 28 W

1:31 W
-15.3
22:14
20:43

V Capric 210124 est 13.7 var susp

21 3 -24.0
8 42 22 15
1 12 W

-24.4
1:21 W
22:23
77
20:2

210221 X Capric. est 12.9

21 3 -21.6
8 43 22 23
1 20 W

1:22 W
-21.8
22:24
21:2

8228 6

Oct 13, 1908

RZ aquarii 210504 est 12.0

8 47	21 4	-4.7	1:23W -4.6 22:28 21:5
	22 25		
	1 21W		

Z Capric. 210516 est 11.9

8 49	21 3	-17.2	-16.8 1:26W 22:30 21:4
	22 29		
	1 26W		

RR aquarii 210903 est 10.0

8 52	21 8	-3.2	1:24W -3.4 22:33 21:9
	22 32		
	1 24W		

T Capric 211615 est 11.8

8 55	21 16	-15.4	-15.8 1:20W 22:36 21:16
	22 34		
	1 18W		

Y Capric. 212814 est <13.5

9 01	21 29	-14.0	24 75 1 12 L.P.P.	1:14W -14.6 22:42 21:28
	22 36			
	1 7W			

Mon Oct 19, 1908

8234 5 L.C. Obs 24" J.D. 8234

Saturn's rings looked at but no marked evidence of brownish

Y 8.3 ring seen by L.C. Seeing fair at intervals.

8234 6 Comet c Morehouse look for with 1.L.G. but not found

8 1 ~~8~~

RT Persei 031646 est h 2, 2 h'

8 10 ~~27~~ 17 +46.8 3 : 16

8 1 22 12 S.T. 22 : 18

~~8~~ +0 9 = +.006 5 5 E ~~4~~ 58 E

~~17 21~~

+46.2

RV Herc 165631 est 10.0

16 56 +31.5 22 : 31

8 2 3 22 18 5 : 32 W

5 22 W 16 : 5~~7~~1

+33.2

RU Capric 202622 est < 12.4

8 3 3 20 26 -22.7 22 : 41

22 34 2 : 16 W

2 8 W 20 ; 25

-22.4

Oct. 19/1908

8234.6

U Aquarii 215717 est 11.6

8 39	21 57 -17.4 22 44 0 47 W		22:47 0:50 W 21 57 -17.2

T Aquarii 204405 est 12.5

8 44	20 45 -5.5 22 49 2 4 W		22:52 2:8 W 20:44 -5.8

~~U~~ Urs Min 141567 est 8.9

8 56	14 15 +67.7 22 58 8 43 W		23 4 8:57 W +67.1

R Camelop 142584 est 8.5

9 1	14 35 +84.0 23 05 8 30 W		23:9 8:50 W +84.2

S Cygni 200357 est 12.2

9 11	20 3 +57.7 23 11 3 8 W		23:19 3:16 W +57.6

Oct 19, 1908

8234 6

Z Cephei 021281 est 13.8

9 20 | 26 0 +81.2
23 20
2 40 E
23:28
2:45 E
+81 3±

RR Cephei 023080 est 10.1

9 24 | 23 32
2:58 E
+80.8

RT Persei est g'2,3h

3 16 +46 2.
9 30 | 23 33
8 1 | 3 43 E
+1 29 = .062
23:38
3.38 E
+46 2

X Camelop 043274 est 10.3

23 42
9 36 | 4 50 E +74.9
23:44
4.49 E
+74.8

V Camelop 054974 .5 est 12.8

29 51
9 40 | 23 46
6 5 E +74.5
23:48
6.4 E
+746

Oct. 19, 1908

8234 6

	Y Draco. 093178 est 13.8	
9 46	9 31 +78.3	23:54
	23 51	9:36 E
	9 40 E	
		+78.2
	060547 — Aurigae est 10.8	
9 51	6 4 +47.5	23 59
	0 0	6:7 E
	6 4 E	
		+47.7
	U Draco. 190967 est 13.8	
10 2	1912 +67.5	0:10
	24 06	5 00 W
	4 54 W	
		+67.0
	V Sagittae 201520 est 11.0	
		4:16 W
10 25	20 15 +20.8	0 33
	24 27	
	4 12 W	+20.6
	TU Cygni 194348 est 12.0	
10 21	19 48 +48.7	4:43 W
	24 12	24 27
	4 28 W	
		+48.7

Oct 19, 1908

8234 6

SS Cygni 213843 est 9.6

21 37 +43.1 | 2 58 W
10 29 24 37 | 0: 37
3 0 W | +43.0

8234.7 RW Peg 225914 est 13.6

22 59 +14.8 | 0:48
10 46 24 44 | 1:49 W
1 45 W | +14.8

~~8234 7~~ RT Persei est 9 4. 3 9'

3 16 +46.2 | ~~E~~ 1: 1
10 53 0 53 | 2 16
8 1
+2 52 2 23 E | +46 2
+.119

o Ceti exp est 3.7

10 58

21 96 L.P.P.
1 13

Tues. Oct. 20, 1908

8235 5 LC. Obs. ~~AD~~ 8235 24"

RR Draco 184062 h 2, 3 k

18 40 +62 6
21 20
2 40 W

21:24
2:44 W
18:40 = R.A.
+62.4

7 13
8 7
−0 54
−.037

k 3, 3 l = est

21:53
~~A~~ 3.14 W
~~3~~ 18:39
+62.4

7 42
8 7
−0 25
−.017

k 4, 1 l = est

8235 6

~~7~~ 13
8 7
+0 6 +.004

22:24 +62.4 3:45 W

l 1, 3 m

8 50
8 7
+0 43 +.030

23:00 +62.4 4:21 W

g 1, 2 f

9 38
+1 31 +.063

23:48 +62.4 5:~~4~~9 W

d 3, o.e. 5 f

10 15
+2 8 +049

24:25 +62.5 5:45 W

8235.7

c 2, 1 d

10 51
+2 44 +114

1:2 +62.4 6:23 W

~~8235 6~~

Oct. 20, 1908

8235 7

— Aurigae 06 05 47 at 10.6

1:6

06 5 +47 5

4.59 Σ

10 55 1 5

+47.7

Σ 5 0 Σ

A 104 L.P.P.
13

~~L.C. Obs.,~~
~~D 8236~~
~~24" Reflect~~

Wednesday Oct. 21 1908

8236 ~~7~~ 5

V V Cygni 2~~1~~0245 ~~Est. N 1, 5~~.0

21 2 +~~5%5~~ + 45.3 Est n 1, 50

7 15
~~7~~8 36
— 1 21

21 25
0 23 W

21 30
0 28 W

+ 45.2

n 3, 10

7 51
-0 45

1 : 5 W 22 : 6 + 45.2

8236 6

8 18 est o 3 var
-0 18

1 32 W 22 : 33 + 45 2

est 0 3 var

8 47
+ 0 11

2 0 W 23 : 2 + 45 2

est n 3, ~~0~~00

~~8~~ 9 2~~4~~8
+ 0 48

2 37 W 23 : 39 + 45.3

est l 4 3 n

9 58
+ 1 22

3 11 W 24 : 13 + 45 3

est h 5, l 1, 4 m

10 33
+ 1 57

3 46 W 0 48 + 45 2

Oct 21/1908

8236 7 VV Cygni Est. h 2,3 l.

1 14

4 12

10 59

+2 23

+45.2

– aurigae 060547 Est. 11.0

~~1 15~~

06 5 +47.5

5

11 5 1 15

4 50 E

1 20

4 45

+47.6

9 113 L.P.P.

13

Fri. Oct. 23, 1908.

L.C. Obs. J.D. 8238 26′

8238 6	— Aurigae	060547		
9 8	est	12.7		6:34 E 23 31 +47.6
		1	114 13 L.C.C.	

(Tues) Oct 27. 1908

8242 5 LC Obs 24" Reflect. 8242

7 02 R Scuti est Alg = e4 2f

184205

7 04 R Coronae 154428 Alg. est = 6.1

RT Aquilae 193311 est 9/0. 3r 13.5th

21:59

1930 +11.0 +11.4

7 20 21 52

2 22W 2:26 W

RV Aquilae 193509 Est. π 3 N

7 31 1934 +9.4 22 10

22 07 2 34 W

2 33 W

+9.5

R S Aqilae 195308 Est 11.8

19 53 −8.0 22 14

7 35 22 12 2 20 W

−8.2

2 19W

R Capric. 200514 Est 11.2

7 38 20 4 −14.6 22 17

22 15 2 12 W

2 11W

−14.7

Oct. 27, 1908

8242 5

W Capric. 200822 — Est < 13.0

7 41

20 8 −22.3
22 18
2 10w

22 20
2 12w
−12.4

Z Aquilae 200906 — Est 10.8

7 44

20 9 −6.4
22 21
2 12w

22 23
2 14w
−6.7

X Capric. 210221 — Est. 11.2

7 47

21 3 −21.6
22 24
1 21w

22 26
1 24w
−21.9

V Capric. 210124 — Est. < 12.5

7 50

21 3 −24.2
22 28
1 25w

22 29
1 27
−24.4

Y Capric. 212814 — < 13.0

7 56

21 29 −14.0
22 31
1 2w

22 35
1 7w
−14.6

Oct 27, 1908

8242 5 RY Ophiuci 181103 — Est 11.4
18 7 +3.6 — 22 41
22 38 — 4 30.0W
β 2 — 4 7W
31W
+ 3.5

SV Herculis 182224 — Est. 13.9
18 23 +24.6
22 42 — 4 23W
β 5 — 4 19W
+24.8

SY Aqilae 200212 — Est. 12.0
20 2 +12.6 — 22 48
22 46 — 2 45
β 9 — 2 44W
+12.5

R U Aqilae 200812 — Est. 13.5
~~8242 6~~ 20 9 + 12.7 — 22 50
22 49 — 2 43
β 11 — 2 40W
+ 12.5

R Delph. 201008
20 10 +8.5
22 52
2 42W

see next page

Oct. 27 1908

8242

8 17

R Delph.
20 12
22 54
2 42w

Est. 13.7
22 56
2 47w
+8.6

8 21

V Sagittae 20 15 20
20 14 +20.7
22 57
43w

11.1
23 0
2 45w
+20.7

8 27

Y Aquarii 203905
20 39 −5.2
23 1
. 2 38w
25

Est. 12.0 ~~9 1 5~~
23 6
2 27w
−5.5

8 30

Y Delph. 203611
20 36 +11.2
23 8
2 32w

Est. 13.8
23 9
2 33w
+11.3

8 33

T Delph. 204016
20 42 +16.0
23 11
2 29w

Est. <13.8
23 12
2 32
+ 15.~~9~~
+ 15.9

Oct 27, 1908

8242 6 8 37	Z Lyrae 18 57 23 14 4 17w	185634 + 34.6		Est. 13.3 23 16 4 21w +34.7
8 41	RZ Herculis 18 31 23 17 4 46w	183225 +25.6		Est. 13.0 23 20 4 48w + 25.8
8 44	V Lyrae 19 5 23 22 4 17w	190529 - 29.8		Est < 13.8 ~~< 13.8~~ 23 23 4 18 +29.4
8 47	S Lyrae 19 10 23 24 4 14w	190925 +25.5		< 14.0 23 26 4 17w. * + 25.6
8 50	R X Equulei 21 9 23 27 2 18w.	210812 +12.5		Est 11.5 23 29 2 22w + 12.2

Oct. 27 1908

8242	X Pegasi 21/16 14	Est. 12.0–
	21 16 + 14.0	
	23 30	23 32
8 53	2 14w	2 17w
		+ 13.9
	T Draconis 175458 a	10.0
	17 55 +58.2	
	23 34	23 36
8 57	5 39w	5 42
	South prec. comp. = 11.2	
		+58.2
	V Draconis 175654	11.9
	17 56 + 55.1	23 38
8 59	23 38	5 42
	5 42w.	
	New Var. South prec. = 7.8	+ 54.7
	W Draconis 180565	Est. 11.2
	18 6 + 65.9	
	23 40	23 42
9 3	5 34w.	5 37w
		+65.8
	X Draconis 180666	Est < 12.6
		23 43
		5 37w
9 4		+ 66.0

Oct 27, 1908

8242 6	TU Cygni	194348	Est. 12.8
	19 43	+48.3	
9 16	23 45		23 55
	4 2w		4 12
			+48.7
	U Drac.	190967	Est. 13.4
	19 12	67.4	23 58
9 19	23 56		4 49 w
	4 44w		
			+67.0
	S Cygni	200357	Est. 11.9
	20 3	+57.7	
	23 56		24 2
9 23	3 53w.		3 59w
			+57.7
	X Cephei	210382	Est. 9.9
	21 3	82.5	24 7
	24 3		
9 28	3 0w		3 5.w
			+82.5
	RZ Cygni	204846	Est 13.2
	20 47	+47.2	24 11
	24 8		3 22w
9 32	3 21w		
			+47.0

Oct 27, 1908

8242 6

T W Cygni 210129 — 11.4
21 1 +28.8 — 24 14
24 12 — 3 13 w
3 11 w
9 35 — +28.9

SS Cygni 213843 — Est. 10.6
21 38 +43.2
24 15 — 24 17
9 38 — 2 37 W — 2 39 W
Lowe recorded 11.6 for 10.6. 10.6 is my est. I am sure. L. C. Oct 28. — +43.1

– Aurigae 060547
6 5 +47.5
0 18
9 45 — 5 47 E — Sky cloudy. Unable to observe – Aurig.

Sky clouded quickly.

9 50

31 145
A 21 L. O. P.

8242 6

Oct. 30, 1908 (Friday)

L.C. Obr 24" JD 8245

8245 6 — Aurigae 060547 est x 4 Var

4 ε
1:10
4:56
+47.6

10 19

8245 6

1 146 L.P.P.
21

Sat. Oct. 31, 1908

L.C. Obs   J.D. 8246   24"

S S Cygni 213843

8246 5

6 22   ~~21 38~~   est 10.6   21 17
0 20 E

1 147/24   +43 3

L.P.P.

Thurs. Nov. 12, 1908

~~LC~~ Obs. Lowe Rec. J.D. 8258 24″

8258 5 | S S Cygni 21 ~~3~~8 43 × | Est. 8.8
6 45 | ~~21 38~~ | 22 27
21 38 +43.6 | 0 48 w
22 23
0 ~~4~~5 w | +43.2

S Bootis 141954 × | Est. 10.4
| 22 37
6 55 | 14 18 +54.2 | 8 18 w
22 29
~~12~~ 8 11 w | ~~+52~~ +54.0

R U Ophiuci 172809 × | Est. 12.6
17 28 +9.6 | 22 42
7 00 | 22 39 | 5 15 w
5 11 w
| +9.3

R T Ophiuci 175111 × | Est. 12.4
17 52 +11.0 | 22 45
22 44 | 4 54 w
7 3 | 4 52 w
| +11.0

R T Herculis 170627 × | Est. 12.2
17 4 +27.4 | 22 49
7 7 | 22 47 | 5 43 w
5 43 w

8258 5 | +26.9

Thurs. Nov. 12 1908.

8258 5

		R S Herculis 171723			×	Est. 12.0
7	10	17 19 22 50 5 31 w	+23.0			22 52 5 35 w + 22.8
		R Y Ophiuci 181103			×	Est. 9.9
7	13	18 9 22 53 4 44 w	+ 3.6			22 55 4 44 w + 3.4
		W Aquilae 191007			×	Est. 13.8 if seen.
7	19	19 9 22 57 3 48 w	−7.2			23 1 3 52 w −7.6
		R T Aqilae 193311			×	Est. 9 3,2 r
7	29	19 32 23 3 3 31 w	+11.0	19 29 23 7 3 38 w		23 11 3 39 w +11.2
		R V Aqilae 193509			×	Est. c 3, N
7	45	19 35 23 13 3 38	9.7	19 35 23 17 3 42 w		23 27 3 52 w + 9.5

8258 5

Thurs. Nov. 12 1908

8258 5	RR Aqilae 195202		×	Est 11.5
7	19 51	−2.6		23 35
8 53	23 28			3 43W
	3 37w			
				−2.6
	RS Aqilae 195308		×	11.3
7	19 53	−8.0		23 37
8 55	23 36			3 44 W
	3 43w			
				−8.4
	SY Aqilae 200212		×	Est 13.0
7	20 2	+12.6		23 41
8 59	23 38			3 39 W
	3 36w.			
				+12.4
	R Capric. 200514		×	Est. 11.0
8				
9 3	20 3	−14.6		23 45
	23 43			3 41 W
	3 40 w			
				−14.8
8258 5	W Capric. 200822			
	20 8	−22.3		
	23 46			
	3 38w			

Region too low

Thurs. ~~W~~ Nov. 12 1908

8258 5 U Capric 204215 x Est. 12.5

A f
20 43 -15.2
23 48
3 5w

23 50
3 8W

-15.4

4
8258 6 T Aquarii 20~~2~~405 x Est. 11.8

A 13
20 40 -5.5
23 51
3 11w

23 55
3 11w

-5.8

RS Aquarii 210504 x

21 ~~4~~ -4.7
23 57
-2 53w

see below

— Aurigae 060547 x w 3, N
6 5 +47.5
f 33.
0 13
5 52 E

0 15
5 51 ~~W~~ E

+47.6

RS Aquarii x Est. 11.0
21 4 -4.7
A 39
23 4
0 15
9

8258 6

0 21
3 17W

-4.6

Nov. 12 1908

8258 6

T Drac. 175458 × Est. 10.2

17 56 +58.5 = n.f comp.

A 46 0 24 0 28

6 28W s.p comp. = 11.6 6 36 W

+58.2

V Drac. 175654 × Est. 11.1

A 49 17 55 +55.1 0 31

0 30 6 36 W

6 35W

+54.6

W Drac. 180565 × Est. 10.3

18 6 +65.9

0 32

A 52 6 26W 0 34

6 32 W

+65.7

X Drac. 180666 × Est. 10.6

0 35

A 53 6 31 W

+66.0

T Urs. Min. 133273 × 9.6

13 32 +73.9 0 43

0 37 11 13 W

9 1 17 5W

+73.7

8258 6

Nov 12 1908

8258 6

		W Lyrae	18 11 36	×	Est. 12.0
9	6	18 10	+ 36.6		0 48
		0 44			6 38 W
		6 34 w			[illegible]
					+ 36.4
		SV Herculis	18 22 24	Var+ inv.	< 12.5
		18 22	+ 24.6	Seen very poor	
9	10	0 50		Region low	0 52
		6 28 w			6 29 W
					+ 24.8
		χ Cygni	19 46 32	×	Est. 12.6
		19 42	+ 33.4		
9	14	0 53			0 56
		5 11 w			5 10 W
					+ 32.5
		~~[illegible] Cygni~~ S Cygni	200357	×	Est. 11.8
9	16	20 3	57.7		0 58
		0 57			4 57 W
		4 54 w			
					+ 57.6
		R R Pegasi	21 40 24	×	Est. < 13.0
		21 40	+ 24.6		
9	21	1 0			1 3
		3 20 w			3 25 w
					+ 24.5

8258 6

Nov. 12 1908

8258 6	T Pegasi 220412			×	Est. 12.4
9 25	22 4	+12.4			1 7
	1 5				3 4w
	3 1W				
					+11.8
	Y Pegasi 220613			×	Est. 13.6
9 27	22 4	+13.9			1 9
	1 8				3 3w
	3 4w				
					+13.8
	RS Pegasi 220714			×	Est. 13.5
9 29					1 11
					3 5w
					+13.9
	S Lacertai 222439			×	Est. 12.2
	22 26	+39.8			1 17
9 35	1 12				2 54w
	2 46w				
					+39.8
	R Lacertai 223841			×	Est. 13.8
	22 39	+41.5			
	1 18				1 23
9 41	2 39w				2 45w
8258 6					+41.8

Thurs. Nov. 12 1908

8258 6

	RX Androm. 005840		×	Est 13.3
9 50	0 55	+40.6		1 32
	1 26			0 34 W
	0 31 W			
				+40.7
	X Androm. 001046		×	Est. 12.2
	0 7	+46.0		
9 53	1 33			1 35
	1 26 W			1 25 W
				+46.4
	RW Androm. 004132		×	Est. 12.8
	0 42	+32.2		
9 55	1 36			1 37
	0 54 W			0 56 W
				+32.2
	RV Cassiop. 004746		×	Est. <13.5
	0 46	+47.0		
9 57	1 38			1 39
	0 52 W			0 53 W
				+46.7
	RR Androm. 00$\overset{4}{3}$533		×	Est. 12.8
	0 44	+33.6		
10 00 9	1 40			1 42
	0 56 W			0 56 W
				+33.8

8258 6

Thurs. Nov. 12 1908.

8258 6	U Androm. 010940	×	Est. Var. Susp. = =13.4
	1 9 +40.2		
	1 43		1 44
10 2	0 34 W		0 35 W
			+40.1
	Metcalfs Var. 033105	×	Est. m 0.4 n
	3 32 +5.0		
	1 46		1 52
10 16			1 40 E
	1 46 E		
			+4.8
	R Arietis 021024		Est. 13.0
	2 9 +24.4		
	1 54		1 57
10 15	0 15 E		0 14 E
			+24.4
8258 6			

37 184 L. P. P.
5 26

82 5,9 ~~8.0~~
24''

L. C. Obs.
Lowe Roe

Friday Nov. 13 1908.

19

	U Sagittae 191419		Est. 9.6
7 20	19 14 22 56 ~~4~~ 3 42w	+19.4	23 7 3 53w +19.2
	o Ceti 021403 eye est = 4.1		
7 18			
	RR Aquilae 195202.		Est. 12.0
7 24	19 53 23 9 -3 16w	−2.6	23 11 3 19w −2.4
	RZ Herculis 183225		13.0
7 29	18 32 23 13 4 41w	+26.0	23 16 4 44w +25.8
	RU Aquilae 200812		Est. 12.5
7 33	20 9 23 18 3 9w	+12.7	23 20 3 13W +12.6

Nov. 13 1908.

825~~8~~9 5	R Delphini		201008	Est. 12.7
	20 10	+8.5		
	23 21			23 24
7 37	3 11w			3 15w
				+8.6
	V Sagittae 201520			Est. 11.6
	20 13	+20.7		
	23 25			23 26
7 39	3 12w			3 11w
				+ 20.7
	V Delph.	204318		Est. 12.7
	20 42	+18.9		
	+23 28			23 2~~8~~9
7 42	2 46w.			3 46w
				+18.9
	X Delph.	205017		Est 10.5
	20 50	+17.3	Var. S. pr.	23 31
7 44	23 30		=12.7	2 41w
	2 40w			
				+17.0
	Z Capric.	210516		Est. 12.2
	21 3	-16.6		
7 54	23 33			23 39
	2 30w			2 35w
				-16.9

Nov. 13 1908.

825~~8~~9 5	X Aquarii ~~2X~~ 221321		Est. 13.0
7 58	22 11 23 40 1 29 w	− 21.5	23 . 4~~X~~5 1 33 w −21.6
	#S Aquarii 225120		Est. 12.0
8 2	~~2N~~ 22 50 23 47 0 57 W	− 20.8	23 49 0 58 w −21.1
	W Ceti 235715		Est. 7.5
8 5 −	23 55 23 50 0 5 E	− 15.9	Var. diff. to estima 23 52 0 4 E −15.4
	S Y Aquilae 200212		Est. 13.2
8 9	20 0 23 54 3 54 w	+ 12.5	23 56 0 54 W +12.5
825~~8~~9 6	R Y Lyrae 184134		Est. 9.8
8 12 −	18 41 23 57 5 16 w	+34.4	23 59 #5 18 W ~~2 3 3~~ +34.2

Nov. 13, 1908

825B96 R W Lyrae 18 42 43 Est. 12.9

A 14
18 42 + 434
24 0
5 18w

0
&3 1
5 20

+43.4

R X Lyrae 18 50 32 Est. 12.3

A 16
18 48 + 32.8
0 2
5 14w

0 3
5 14w

+32.4

Z Lyrae 18 56 34 Est. 14.0

A 19
~~18 55~~
18 55.
0 5.
5 10w

0 6
5 11w

+ 34.6

R T Lyrae 18 57 37 Est. 13.0

A 21
18 57.
10 8
5 11W

0 8
5 12 w

+37.4

V Lyrae 19 05 29 Est 13.8

A 2K
19 3
0 9
5 6w

0 11
5 7w

+29.4

Nov. 13 1908.

8253 9 6

S Lyrae 190925

β 2~~6~~6

19 9
~~21~~
0 11
5 2w

Est. if seen = 14.0.
0 13
5 5w.

+25.6

TU Cygni 194348

β 29

19 43
0 14
4 31w

Est 13.6.
0 16
4 35w

+48.6

RT Cygni 194048

β 31

Est. ρ 3, 3γ
0 18
4 38w

+48.4

U Draconis 190967

β 3~~3~~4

19 11
0 19
5. 8w

Est. 13.4
0 21
5 14w

+67.1

X Cephei 210382

β 43

21 8
0 22
3 14w

Asum. S. Compr. of double as Var.
Est = 13.1

Assuming Star S. of double as Var. Est = 11.6
0 30
3 33w

+82.7

Nov. 13 1908

825~~3~~9 6 R W Pegasi 22 ~~4~~5 9 1 ~~3~~4 Est 13.~~6~~7

22 58 + 14.5
8 49 0 33
1 35 w

0 36
1 37 w

+ 14.6

S Pegasi 23 15 0 8 Est. 12.2

8 54 23 18 + 8.0
0 37
1 19 w

0 41
1 26 w

+ 8.2

SS Cygni 21 38 43 Est. 9.0

8 57 21 38
0 42
3 ~~18~~4 w

0 44
3 6

+43.2

Y Pegasi 22 06 13 Est. 13.6

22 4 –
8 59 0 45
2 41 w

0 46
2 40 w

+13.7

R S Pegasi 22 07 14 Est. 13.3
0 47
2 40 w

9 00

+ 13.9

Nov 13 1908

825~~8~~9 6 SS ~~[illegible]~~ Aurigae ~~6054~~ 060547 Est. y 3. N

9 6

6 5
0 50
5 15E

0 53
5 14E

+47.6

~~R~~AZ Cassiop: 233956 Est. 13.5

9 13

23 37
0 55
~~3~~1 18w

1 0
1 22w

+55.8

RR Cassiop 235053 ~~S~~ Var. not seen.
Look up chart.

9 18

23 49
1 2
-1 13w

1 5
1 15w

+53.1

Y Cassiop 235855 Est. <13.8

9 21

23 56
1 7
1 11w

1 8
1 10w

+55.0

RV Cassiop ~~007~~ 004746 Est 14.0

9 25

0 45 +46.8
1 10
0 25W

1 12
0 25w

+46.8

Nov. 13 1908

825~~8~~9 6	RX Androm	005840 '	Est. 13.4
	0 58		1 13
9 26	1 13		0 15W
	0 15W		
			+41.0
	U Androm 010940	'	Est. 13.8
	1 8		
9 28	1 14		1 15
	0 6W		0 6W
			+40.3
	RU Androm.	013238 '	Est. 13.8
	1 30 +37.9		
	1 17		1 25
9 38	0 13E		0 8E
			+38.2
	Y Androm 013338	'	Est. < 13.8
			1 27
9 40			0 7E
			+38.9
	Z Ceti 010102	'	Est. 12.0
	1 0 −2.5		
9 46	1 28		1 38
	0 28W		0 32
			−2.3

Nov. 13, 1908

825~~8~~9 6	S Piscium ~~0101~~ 011208		Est <14.0
9 50	1 10 1 35 0 25w		1 37 0 25W +8.3
	R Piscium 012502		Est. 13.9
9 54	1 20 1 38 0 18w	+ 3.0	1 41 0 16w + 2.2
	S Arietis 015912		Est <13.9
9 56	1 59 1 42 0 17E	+	1 43 0 15E +11.8
	R Arietis 021024		Est. 13.2
9 58	2 8 1 45 1 37E	+	1 45 1 35E +24.4
	U Arietis 030514		Est. 13.5
10 1	3 5 1 46 1 19E		1 48 1 17E +14.3

Nov. 13, 1908

8258 9 6 R Tauri 042209 ' Est 13.3
4 22
1 49
10 4 ~~3~~ 2~~7~~ 1 51
2 33E 2 33E

+9.8

S, Tauri 042309 ' <14.6

10 8 1 55
+ ~~9.6~~ 2 29E

+9.6

Metcalfs Var. 033105 ' Est 01, 2P
3 31
1 56 a 2, b 4, c 3 d 5 e 1 58
10 12 1 35E 1 33E

+4.8

8259 6

42 226 L.P.P.
7 33

L. C. Obs.
Blackett Rec.

J.D. 8266

~~Friday~~ Friday Nov 20d 1908

8266 5

182306 T Serpentis est 10.0

1822 +6.1
22 54
4 32 W

6 42

22 56
4 32 W

+6.2

200822 W Capricorni est 11.3

20 8 −22.3
22 57
2 49W

22 59
2 51W

−22.4

202622 RU Capricorni est 12.8

20 26 −22.5
23 00
2 34W

23 1
2 35 W

−22.3

204215 U Capricorni est 13.9

20 43 −15.2
23 2
2 19W

23 3
2 21W

−15.4

210124 V Capricorni est 13.2

21 2 −24.0
23 4
2 2W

23 6
2 5W
21 01
−24.4

8266 5

8

Friday Nov 20 1908

8266 5 210221 X Capricorni est 11.5

23 7
2 5 W
21 02

-21.9

210903 R R Aquarii est 12.0 ✓

21 8 -3.0
23 8
2 0 W

23 9
2 0 W
21 09
-3.4

212814 Y Capricorni est 13.8 ✓

21 29 -14.0
23 10
1 41 W

23 13
1 45 W
21 28
-14.4

215717 U Aquarii est 11.7 ✓

21 57
23 14
1 17 W

23 15
1 18 W
21 57
-17.3

~~16 1910~~ 16 1908 - Vulpec. ✓

19 10 +21.0
23 19
4 9 W

a 4 b 4 c var = a

8266 5

23 23
4 11 W
19 12
+22.1

Friday Nov 20, 1908

8266 5	193311	RT Aquilae	μ4,39 ✓	
	19 31 +11.0 23 25 3 54W			23 29 3 56W 19 33 +11.5
	193509	RV Aquilae	b3 N ✓	
	19 35 23 31 3 56W			23 32 3 57W 19 35 +9.5
	201008	R Delphini	est 12.2 ✓	
	20 10 +8.8 23 33 3 23W			23 34 3 25W 20 09 +8.7
	20 15 20	V Sagittae	est 11.5 ✓	3
	20 13 +20.8 23 35 3 22W			23 17 3 22W 20 15 +20.6
	203611	Y Delphini	est 13.3 ✓	
	20 36 23 38 3 2W			23 39 3 3W 20 36 +11.4
8266 5				

Friday Nov 20 1908

8266 5	204405	T Aquarii	est 11.9 ✓	
	20 44 23 41 2 57W			23 43 2 59W 20 44 −5.6
	204016	T Delphini	est 14.0 ✓ var barely seen	
	20 41 23 44 3 3W			23 45 3 5W 20 40 +15.9
	204318	V Delphini	est 13.2 ✓	
	20 42			23 46 3 3W 20 43 +18.9
	221321	X Aquarii	✓	
	22 13 23 47 1 34W		too cloudy	
	180565	W Draconis	est 9.9 ✓	
8266 5	18 06 +65.8 23 49 5 43W			23 52 5 47W 18 05 +65.9

Friday Nov 20 1908

8266 5	180666	X Draconis	est 9.8 ✓	2352 548W 1807 +66.1
7 41	190967 19 12 23 54 4 42W	U Draconis	est 13.5 ✓	23 55 5 45W 19 10 +67.2
7 43	191350 19 13 23 56 4 43 W	TZ Cygni	est 10.5 ✓	23 57 4 45W 19 12 +50.2
7 45	190941 19 09 23 58 4 49W	RU Lyrae	est 13.0 ✓	23 59 4 50W 19 09 +41.1
7 47	201130 20 11 0 0 3 49	SX Cygni	* est 12.4 ✓	0 1 3 50W 20 11 +30.6

8266 5

Friday Nov 20 1908

8266 5

204846 RZ Cygni est 13.4 ✓

20 48
0 2
3 14 W

7 49

$^{24}0$ 3
3 15 W
20 48
+47.0

205530 UX Cygni est 13.0 ✓

20 52
0 4
3 12 W

7 52

$^{24}0$ 6
8 15 W
20 51
+30.2

210129 TW Cygni est 12.0 ✓

21 1
0 7
3 6 W

7 57

$^{24}0$ 11
3 10 W
21 01
+29.0

220412 T Pegasi est 12.0 ✓

22 5
0 12
2 7 W

8 4

$^{24}0$ 18
2 14 W
22 04
+12.0

213843 SS Cygni est 9.8 ✓

21 38
0 19
2 41 W

8 6

$^{24}0$ 20
2 41 W
21 39
+43.2

8266 5

8266 6

Nov 20 1908

214024 RR Pegasi est 14.0 ✓

f 24

21 40
0 37
2 57 W

24 0 38
2 59W
21 39
+24.5

215934 RT Pegasi est 11.0 ✓

21 58
0 39
2 41 W

24 0 40
2 41 W
23 59
+34.7

221321 X Aquarii 13.5 ✓

22 12
0 42
2 30W

24 0 44
2 32W
22 12
-21.5

235209 V Ceti est 11.0 ✓

23 51
0 45
0 54 W

0 49
0 58W
23 51
-9.7

004132 RW Androm est 13.2 ✓

0 42
0 51
9W

0 53
0 12W
0 41
+32.0

8266 6

Nov 20, 1908

8266 6	004533	RR Androm	est 13.5	
	0 45 0 54 0 9W			0 54 0 10 W 0 44 +33.7
	004746	RV Cassiop	est 14.0 ✓	
	0 47 0 55 8 W			1 0 0 14 W 0 46 +47.0
	005840	RX Androm	est 13.2	
	0 56 1 1 5W			~~25~~ 1 1 0 4 W 0:58 +40.8
	010940	U Androm	< 13.8 ✓	
	1 10 1 2 8E			1 3 0 5E 1:08 +40.2
	011208	S Piscium	<14.0	
8266 6	1 10 1 4 6 E			1 6 0 5E 1:11 +8.2

Nov 20 1908

8266 6	011712	U Piscium	est 11.3 ✓	
	1 16 1 7 9E			1 7 0 9E 1:16 +12.3
	012502	R Piscium	est 13.8 if seen ✓	
	1 20 1 9 0 11 E			1 12 0 12E 1:24 +2.3
	022000	R Ceti	est 13.0 ✓	
	2 21 1 13 1 8 E			~~25~~ 1 18 1 2 E 2:20 -0.7
	060547	~~Ot~~ SS Aurigae	✓	
9 11 8266 6	6 5 1 19 4 46 E		est x 2 N	~~25~~ 1 25 4 40 ~~W~~ E 6:05 +47.5

39 265 L.P.D.
4 37

Blackett of L C Obs

Saturday Nov 21 1908

8267 5 210245 VV Cygni

21 2 +45.4
23 24
2 22W

23 27
2 25 W
21 : 02
+45.4

7 9 → n2,20 LC. Obs.

7 16 ~~n 0,0~~ n 0 0 0 Bl. Obz.

7 47 n 0.02 Be Obs.

0 5
3 3 W
21 : 2
+45.4

7 58 o 3, 2 q LC Obs

0 16
3 13 W
21 : 03
+45.4

8267 6

8 18 o2, p0 Bl. Obz.

Dec +45.2
S.T. 0 : 36
Ha. 3 : 34W
R.A. 21 : 02

8 27 o 5, 9 z LC Obs.
0.45 3.43 W +.45.3

25
1 7
4 5 W
21 : 2
+45.2

8 49 o2 p1 Bl Obs

o 4 0 q LC Obs.

9 00 1 : 19 4 : 17 W +45.2

Nov. 21, 1908

8267 6 VV Cygni Cont.

9 16 o 2, 1 Bl Obs 1 24 4 33 W +45.2

9 27 o 3, 19 L.C. Obs
1:45 4:43 W +45.2

est n 2, 10 Bl Obs 2 4 5 3 W +45.2

9 46

9 58 est n 4, 00 L.C. Obs
2:17 5:16 W +45.2

10:34 est n 1, 40 L.C. Obs
2 53 5:52 W +45.3

8267 7 est n 0, 20 Bl Obs 3 3 6 2 W +45.2

10 45

11 00 est l 3, 3 n L.C. Obs 3:17 6 16 W +45.3

Blackett 6 6 8 273 37 L.P.P.

Tues Nov. 24, 1908

LC Obs. JSD. 24" Bl. Rec.

8270 5 VV Cygni 210245 — LC. Obs.

est 05, q2

23 52
2 51 W

212 +45.4
2350
248V

+45.4

7 23
-0 33
-.023

7 35 est 02, p0 H.Bols
-0 21
.015

est 04, q2 LC. Obs.

~~4 50~~

8 04 3 32W 24:33 +45.4
+0 8 = +.006

8270 6 est 02, 09

8 36 4!03W 1:5 +45.3
+0 40 +.028

est n2, 20

9 22 4:49 1:51 +45.3
+1 26
+.060

9 35 5 3W est n!30 2 5 +45.3
+1 39
+.069

8 222439 S Lacertae est 11.5

26
2 9
3 45W
22 24
+39.8

9 40 22 26 +39.6
2 7
3 41 W

8270 6

Nov 24 1908

	223841 22 37 2 10 3 33 W	R Lacertae	est 13.8 ✓	2.6 2 11 3 56 W 22 35 +41.8
9 46	210382 21 08 +82.7 2 12 5 4 W	X Cephei	est 11.6 ✓	2.6 2 15 5 15W 21 0 +82.6
	060547 6 5 +47.5 2 16 3 49 E	SS Aurigae est	w 3 N ✓	2 21 3 45E 6 06 +47.5
	043065 4 28 +65.9 2 22 2 6 E	T Camelop	est 10.5 ✓	2 26 2 4E 4 30 +65.8
043274	X Camelop 4 34 +75.0 2 27 2 7E		est 10.0 ✓	2 32 2 1E 4 33 +75.0

8270 6

Nov 24 1908

063558 S Lyncis est 13.2

6 34 +58.0
2 33
4 1 E

2 38
3 57 E
6.'35
+58.0

033105 Metcalf's var m 4.2 w

3 33 +5.0
2 40
0 53 E

2 46
0 44 E
~~2 2~~
3.'30
+5.1

210245
VV Cygni est 11,4 w

21 02 +45.7
2 48
5 46 W

~~26 2 54~~
5 49 W
21 : 2
+45.4

10 22
+2 26
+101

8270 6 Blackett 1 - 7 | 13 286
1 38 L. C. L.

Fri Nov. 27, 1908

L.C. Obs. 24" J.D. 8273

V V Cygni 210245 est 0 4, 9/2 L.C. Obs.

6 21 20 W +45.4 23: 2

1 287 L.P.P.
38

Phaea Dec. ~~7~~ 3, 1908

L.C. Obs. 28" ~~P~~ 27~~8~~9.6

SS Aurigae 060547

1/3

10 22 ± est < 13.0 L.~~R~~ P.P.

sky rather hazy & moon bright.

— 287
1 39 L.P.P.

8284 5

4
Tuesday Dec 8, 1908

24" T.C obs. MacAuliffe Rec

SS Cygni 213843 × est 10.4

2137 +43 2 23.22
2252 21 37 1 44 w
1.15 W 23 19
1 42 W

+43.2

W Lyrae 181136 est 11.5 ×

18 10 +36 6 23 31
23.29 5 21 w
5.19 W

+36.6

RY Lyrae 184134 est 9.8 ×

18 42 23 35
23 32 4 45 W
4.50 W

+34.5

RW Lyrae 184243 est 12.8 ×

1843 23.
2335 watch ~~stopped.~~
4.52 W 4.59 W

+43.4

RX Lyrae 185832 est 13.4 ×

1858 23.49
2347 4.57 W
457 W

+32.6

8284 5

8284 5

Dec 8, 1908

Z Lyrae 185634 est 13.2 ×

6 2A

1856
2350
4.54 W

23.53
4 57 W

+34.8

6 293
— 39

Wednesday Dec 9, 1908

J D 8285 L C obs Mac A Rec.

SS Cygni 213843 est 10.5 +

8285 5

259 W
038

~~+43~~ 3

4. 8 ~~038~~

+43 3

1 294/39 L.P.P.

8290.

L. C. Obs Monday Dec 14, 1908 MacA Rec

8290 5 1805-31 T Herculis est 1$\overset{0}{2}$.2 ×

18 3 + 305 6 12 W

6 27 24 8 0 15

~~+8~~ 6 3 W cor. by L.C. Dec. 15, '08. recorded wrongly

+30.8

16.1908 — Vul Dec

19 12 + 228

24 16

5.04 too Cloudy in west

213843 SS Cygni Est 9.4 ×

RA – 21 37 + 432 2 45 W

ST – 24 20 0 24

6 36 2 43 W

+ 432

060547 SS Aur Est <12.5 ×

6 65 5 32 E

20 28 0 35

6 47 5.37 E est made through gaps in clouds + var certainly not seen + 475

8290 5 SS Aurigae 060547 est u 5 M ×

7:39

7 57 6 5 + 47.5 4:28 E

1 37

4 28 E +47.X

Dec. 14, 1908

8290 5 — Taur 054319 Var not surely seen *

8 04 — 5 43 / 1 41 — 4 2 E — +18.5 — Obs. troubled by clds. — 1 5 2 / 3 5 2 E — 5 44 — +18.8

8290 6 — *

8 14 — star X seen same as above — 3 4 2 / 2 0 2 E

Obs made through gap in clouds but considered fairly good — est = Var suspected if seen ~~surely~~ certainly 14.2 * ± — +18 9

8 50 Too cloudy to continue

2 296 L. P. P.
3 42

Tues Dec. 15, 1908

8291 5 . L.C. Obs. J.D. 8291 2 x"

SS Aurigae 060547 est 11.5, N × ✓

0 41

6 47 +47.5 5 26 E

6 49 0 34

5 33 E

+47 6

— Tauri 054319 est x5, N × ✓

5 44 +189 0 47

6 55 0 43 4 57 E

5 01 var not seen any certainty

+18 8

7 38 SS Cygni 213843 est 9.2 × ✓

1 30

21 38 +43.2 3 52 W

25 25

3 47 W

+43.2

U Draco 190967 est 12.2 × ✓

6 35 W

19 10 +67.5 1 : 43

25 32

6 22 W

67.2

R Cygni 193449 est 11.2 × ✓

19 34 +49.8 not read up

25 44 cldy to cldy [illegible]

8291 5 6 10 W

Dec 15, 1908

Z Ceti 010102

1 1 -2 0

1 59

~~8.20~~ 58 W too cloudy for this star

8 20 too cloudy too obs. any farther

3 299 L. P. P

2 44

Tue Dec 16, 1908
L.C. Obs. J.D. 8292 24"

8292 5 UW Cyg 201942 est 0.5 np / Var ×✓

20 19 +42.8 1 17
7 20 24 5.4 4 58 w
4 35 w Var? = c 0.5 e +42.9

T Draco 175458a est n.f. = 10.5 × ✓
– Draco 175458b est sp = 11.5 ✓
17 54 +58.5 1 25
7 29 25 23 7 31 w
7 29 w +58.2

V Drac 175654 est 10.3 × ✓
1 31
7 35 17 56 +55.2 7 37 w
25 26
7 30 w +54.9

W Drac 180565 est 9.5 × ✓
1 33
7 37 18 5 +65.9 7 29 w
25 33
7 28 w +65.9

X Draco 180666 est 9.8 × ✓
1 38
7 38 7 28 w

8292 5

+66.1

Dec 16, 1908

8292 5

	RU Lyrae 190941 est 13.4			× ✓
				1 40
7 44	19 9	+41.1		6 32w
	25 36			
	6 27 w			+41.1
	UW Cyg 201942	p2, 39 = est		× ✓
				1 42
7 46	20 19	+428		5 23w
	25 41			
	5 22 w			+428
	TZ Cyg 191350	est 9.8		× ✓
				1 47
7 51	19 14	+48.8		6 34w
	25 44			
	6 30 w			+49.9
	U Lyrae 191637	est 10.5		× ✓
				1 49
7 53	19 18	+37.5		6 32
	25 48			
	6 30 w			+37.5
	RT Cyg 194048	est 7.4		× ✓
				1 51
7 55	19 40	+48.5		6 11w
	25 50			
	6 10 w			+48.5

8292 5

Dec. 16 1908

8292 5	TU Cyg.	194348	est 12.4	× ✓
				1 5 3
7 57				6 12 w
				+48.8
	χ Cyg.	194632	est 12.2	× ✓
	19 43	+32.6		1 5 8
8 2	25 54			6 ~~1~~3 w
	6 11 w			
				+ 32 5
	Z Cyg.	~~21~~ 195849	est 11.5	× ✓
				2 1
8 5	19 58	+49.8		6 3 w
	25 59			
	6 1 w	+		+49.7
	SV Cygni	200357	est	10.1 × ✓
				2 4
	20 3	+57.7		6 3 w
8 8	26 3			
	6 0 w			+57.8
	SX Cyg.	201130	est	13.5 × ✓
				2 8
8292 6	20 11	+30.8		5 57 w
8 12	26 06			
	5 55 w			+30.6

Dec. 16, 1908

8292 6

	UW Cyg	201942	est l2, 2n	× ✓
				2 10
8 14	20 19	+428		5 52 w
	26 09			
	5 50 w			+428
	WX Cyg.	201437 b	est 10.3	× ✓
				26 12
8 16	20 14	+36.6		5 59 w
	26 12			
	5 58 w			+37.2
	RW Cyg	202539	est .3 ×	✓
				26 14
8 18	20 25	+39.6		5 49 w
	26 13			
	5 48 w			+39.5
	V Cygni	203847	est 10.2 ×	✓
				2 17
8 21	20 38	+47.9		5 40 w
	26 15			
	5 37 w			+47.6
	NT Cyg	202954	est δ 5 Var	× ✓
				2 20
8 24	20 30	+54.5		5 52 w
	26 18			
	5 48 w			+54.5

8292 6

Dec. 16, 1908

8292 6

	RZ Cyg	204846	est 13.3	× ✓
				2 25
8 29	20 48	+47.2		5 38 w
	26 21			
	5 33 w			+47.0.
	UW Cyg	201942	k5, l0,5 n	× ✓
				2 28
8 32	20 19	+42 8		6 9 w
	26 27			
	6 08 w			+42 9
	UX Cyg	205030	est <13.0	× ✓
				2 35
8 39	20 52	+30.0		5 46 w
	26 30			
	5 38 w			+30 2
	TW Cyg	210129	est 11.3	× ✓
				2 40
8 44	21 0	+28 5		5 39 w
	26 36			
	5 36 w			+28 6
	NS Cyg.	213843	est 9.4	× ✓
				2 41
8 45	21 38	+43 2		5 4 w
	26.41			
	5 3 w			+43.2

8292 6

Dec. 16 1908

8292 6

	RR Peg	214024	est <13.5 ×	✓
8 49	21 40 26 42 5 2 w	+24.4		2 45 5 6 w +24.8
	RV Peg	2221.29	est 10.5 ×	✓
8 52	22 21 26 46 4 25 w	+29.9		2 48 4 27 w +29.8
	RT Peg.	215934	est 12.6 ×	✓
8 54	21 57 26 49 4 52 w	+34.5		2 50 4 57 w +34.7
	RW Peg	225914	est 13.5 ×	✓
8 57	22 59 26 51 3 52 w	+14.6		2 53 3 54 w +14.7
	R Lacert	223841	est 13.8 ×	✓ (8 to est)
9 06	22 39 26 54 4 17 w	+41.8		2 56 4 19 w +41.9

8292 6

Dec 16 1908

8292 6

UW Cyg 201942 est k1, 3l × ✓

9 4 20 19 +428 3 0
26 58 6 40 W
6 39 W +42.9

RR Cas 235053 est 12.8 × ✓

3 7
9 11 23 5 3 +53.1 3 17 W
27 01
3 0 8 W +53 ?

9 12 Cldy in north now.

SS Aur 060547 est <13.5 × ✓

3 17
9 21 6 5 +47.5 2 48 E
3 11
2 54 E +47.6

9 30 Too Cldy to continue

31 3 30 L. P. P.
3 47

8292 6

Sat. Dec 19, 1908

L.C. Obs 24" J.D. 8295

8295 5

SS Aurigae 060547 x 2 N × V

0 21

6 11 5 46 E

+47.6

161908 – Vulpec a 3, 3 b × V

Θ: 3.5

19 12 +22.8 (a 6 b) 5 21 W

6 25 24 24

5 12 W

+22.1

RT Aquilae 193311 est 9, 2 × V

5 8 W

6 31 19 30 +11.0 0 41

24 37

5 7 W

+11.4

RV Aquilae 193509 est 12.0 × V

5 8 W

6 34 19 35 +9.4 0 44

24 42

5 7 W

+9.6

R Delph 201008 est 11.6 × V

4 36 W

6 36 20 10 +8.8 0 4 6

24 45

4 35 W

8295 5 +8.9

Dec. 19, 1908

8295 5	V Sagittae 201520 est 11.5	× V
		4 33 w
6 39	20 14 +20.9	0 49
	24 47	
	4 33 w	+20.8
	Y Delph 203611 est 13.5	× V
		0 52
6 42	20 36 +11.0	4 15 w
	24 50	
	4 14 w	+11.5
	Y Aquar 203905 9.0 = est	× V
		4 17 w
6 46	20 39 −5.2	0 56
	24 53	
	4 14 w	−5.4
	~~T Delph 204405~~	× V
		1 0
6 50	~~20~~ T Aquarii 204405	4 16 w
	est 10.0	
		−5.5
6 52	O Ceti 021403 eye est = 5.1	× V

8295 5

Dec. 19, 1908

8295 5

W Aquar. 204104 est 11.0 × ✓

0 4

6 5X 20 41 −4.4 4 23W

25 03

4 22W

−4.5

RS Aquarii 210504 est 9.8 × ✓

4 2W

21 5 −4.4 +1 7

6 57 25 5

4 0W (star α = 10.5)

−4.5

X Aquar. 22132*l* ×

22 13 −21.2 Too low

25 8

2 53W

RX Lyrae 185032 est /

18 479 +32.9

25 18

6 29W

RS Cephei 044680 e 3, 4h × ✓

1 25

7 25 4 48 +80.8 3 26E

1 19 4 51

3 29E +80.0

8295 5

Dec. 19, 1908

8295 5 U Cephei 005381 est 8.3 × ✓

				1 47
	0 53 1 26 0 33 W	+81.3	0 53 1 44 0 51 W	✱ 0 51 W 0 56
7 37				+81.2

RS Cephei 044880 est e 3.5 h × ✓

				1 51 3 2 E
7 41	4 51 1 48 3 3 E	+80.0		4 53 +80.0

Z Cephei 021281 est < 13.2 × ✓

7 48	2 5 1 54 0 11 E	+81.2		0 20 E 1 58 +81.4

RR Ceph. 023080 est 12.4 × ✓

				2 2
7 52	2 35 2 00 0 35 E	+81.0		+80.8 0 30 E

8295.6 U Cephei 005381 est 8.7 × ✓

				2 23
8 13	0 56 2 20 1 24 W	+81.2		1 25 W +81.2

Dec. 19, 1908

R S Ceph. 044480 ~~+~~

4 5 3 +80.0
2 24
2 29 2

Too cldy

S S Aurig. 060547

6 7 +47.5
2 27
3 40 3

clouds here

Too cloudy to continue.

P 35

17 347 L. P. P.
2 49

Sun Dec. 20, 1908

L.C. Obs. 24" A296

6. 10 S' S' Aurigae 060547 x3 N × ✓

sky clear here

S' S' Cygni ~~st~~ est 9.4 × ✓

213843

6 15

sky clear here

1 348

1 50

L.C.P.

(Mon) Dec 21, 1908

L.C. Obs. J.D. A297 24"

8297 5 SS Aurig 060547 est x 5 ~~var~~ n x ~~if seen~~

7 1 1.17
4 48 E

+47.7

SS Aurigae 060547 x
est x 5 n

7 40 1 56
4 09 E
+47.7

— Tauri 054319 est x 3 N x

7 59 5 43 +18.9 2 15
2 9 3 27 E
3 34 E +18.9

SS Cygni 213843 est 9 3 x

8 7 21 37 +43.2 4 46 W
26 20 2 23
4 43 W +43.2

8297 6 T Delph 204016 est 13.6 x

8 R 4 20 42 +15.9
26 25
5 43 W

Dec 21, 1908

8297 6 V Delph 204318 est 13.6 ×

1
8 ~~1~~6

X Delph 205017 est 12.0 ×

1
8 ~~1~~8

X Pegasi 211614 est 10.0 ×

21 16 +14.0 +14.1
8 28 26 42 2 44
5 26 w 5 w

V Peg. 215605 est 11.5 ×

21 55 +5 5 2 47
8 31 26 45 4 51 w
4 50

+5.6

Y Pegasi 220613 est 13.9 ×

2 50
8 34 22 4 +13.9 4 44 w
26 48
4 44 w +13.8

8297 6

Dec 21, 1908

8297 6 RS Peg ~~220714~~ est 13.9 ×

2 52
8 36 ~~22~~
4 45w

+14.0

T Pegasi 220412 est 11.3 ×

2 : 5~~4~~
8 58 22 5 +12.6
4 49w
26 53
4 48 W

+12.0

X Cephei 210382 est 13.4 ×

~~7~~3 1.0
8 54 21 3 +82.6
6 13w
27 3
6 0 w

fuse burned out

+82.6

Y Cassiop 235855 est 13.5 if seen ×

3 19
9 3 23 58 +55.0
3 22w
27 11
3 13 w

+55 2

Y Cephei 003179 est 11.7 ×

3 27
0 35 +79.4
2 56w
9 11 3 22
2 47 w

+80.2

8297 6

Dec. 21, 1908

8297 6

	X And. 001046 est 13.0		×
			3 35
	0 8 +46.0		3 25 w
9 19	3 28		
	3 20 w		+46.4
	RV Cass 004746 est 13.7		×
			3 38
	0 46 +47.0		2 51 w
9 22	3 36		
	2 50 w		+47.0
	—Cass n. p RV = 11.0		
	RW And 0041^{32} est 13.5		×
			4 0
	0 40 +31.8		3 18 w
9 44	3 40		
	3 0 w		+42.2
	RR And 004533 est <13.6		×
			4 2
	0 44 +33.8		3 17 w
9 46	4 01		
	3 17 w		+33.8
	RX And 005840 est 11.2		×
			4 5
9 49	0 56 +40.6		3 6 w
	4 03		
	3 7 w		+40.8

8297 6

Dec. 21, 1908

8297 6	U And.	010940	est. <13.6	x
9 53	1 10 4 5 2 53 w	+40 2		4 9 3 1 w +40.2
	Y And	013338	est <13.5	x
9 56	1 3 3 4 10 2 37	+38.9 w		2 38. 4 12 +38.8
	RU And	013238	est 13.5 – if seen	x
9 58				2 42 4 14 +38 ?
	R Arie.	021024	est 10.5	x
10 3	2 10 4 16 2 6 W	+24 6		2 8 w 4 19 +24 5
	W. And.	021143 a	est 11.8	x
10 6	2 16 4 20 2 10 W	+44 0		2 12 w 4 22 +43 9
8297 6				

Dec 21, 1908

82.97 6	R, R Per.	022158	est 13.5	×
10	2 ~~22~~	+58 80		2 04 w
10 ~~4~~	4 23			4 26
	2 1 w			
				+58 8
	Nova Per.	032443	u 3,	3 w ×
	3 21	+44 0		1 6 w
	4 27			4 30
10 14	1 6 w			
				+40 6
	− Tauri	030105	~~4~~ m 4,	3p ×
	3 33	+55		1 3 w
	4 31			4 04
10 18	58			
				+50
	SS Aug.	060547	est × 3,	N ×
	6 5	+44 78		1 23 E
	4 40			4 43
10 27	~~2 31~~ E			
	1 25			
				+40 77
82.97 6	2 2 ~~2~~	370 58		L. P. P.

Wednesday Dec 23, 1908

SS Aurigae 160547 est W2, 4X

				1 13 454 E
6:~~48~~ 50	var apparently on the rise			
				+475
	est W2,5X			
7:~~09~~ 11	1 34	+47.6	4 32 E	
	est w2,4X			
7 ~~29~~ 30	1:5~~2~~3	+47.6	4 1~~4~~3 E	
	est w2,4X			
8 00	2:23	+47.6	3 ~~4~~3 E	
	est w4,2X			
8 54	3 19	+47.6	2 49 E	
	est w2,4X			
	4 43	+47.5	~~4~~ 1 23 E	
10.20				

Dec. 23, 1908.

Y Camel. 072776

7 42 — 7 27 +76.3 / 1 57 / 5 30 E — g 5,3 h — 2 5 / 5 23 E / +76 2

7 56 — g 6,1 h / +76.2 — 5 10 E — 2 19

8 14 — h 0 var / +76 2 — 4 ~~4~~ 51 E — 2 37

8 35 — h 2 var / +76.2 — 4 90 E — 2 58

8 51 — h 4 var 4 k, 4 l / +76.1 — 4 14 E — ~~3 14~~ / 3 14

9 15 — k 0, 1 l, 3 m / +76.2 — 3 50 E — ~~[illegible]~~ 3 38 / ~~2 60~~ / ~~4 39~~

~~9~~ 10 16 — ext h 2, 3 k — 4 39 — +76 0

2 50 E

Dec. 23, 1908

X Camel 0K3274 est 10.9

4 32
X 32
0 25

0 0
4 35

+75 0

~~Y Camel~~ RX And. 005840 est 11.4

10 25

1 55 +406
4 45

4 48
3 50 W

+405

15 385 L. P. P.
— 58

(Sat) Dec. 26, 1908

L.C. Obs. 24" JD 8302

SS Cyg 213843 est 9.8 ×

1: 26

6 50 3 48 W

+43.2

UZ Cyg 215343 est c 3, 2 d ›

1: 33

6 57 21 56 +43.2 / 3 38 W

25 29

3 33 +43.7

SS Aurigae 060547 est 11.0 ×

1 47

7 11 6 5 [illegible] 4 18 E

1 35

4 30 E chord caught in Decl Index changing same +45.8

3 388 L P P.

58

Mon Dec. 28, 1908

LC Obs. JD. 8304 24"

SS Aurig 060547 est 10.9 ×

0 50
5 15 E

Decl circle still out of order +45.9

Z Draco 113972 est h3.0k ×

			1: 8
6 24	11 39 +72.6		10; 31 E
	10 53	11 39	11; 39
	10 46 E	1 4	
		10 35 E	+70.8

VW Cyg. 201134 g' 2.3 h ×

		1 19
6 35	20 9 +34.0	5 08 W
	25 10	20:11
	5 1 W	+32.3

VV Cyg 210245 est 05.0 g ×

		1 23
6 39	21 1 +45.2	4 21 W
	25 21	21 2
	4 20 W	+43.5

SS Cyg 213843 est 10.1 ×

		1 26
6 42	21 37 +43.6	3 49 W
	25 25	
	3 48 W	+41.5

Dec. 28, 1908

	SZ Cyg	202946	est 9.9 ×	
6 49				1 33
	20 30	+46 2		5 53 w
	25 28			
	4 58 w			+44.4
	VX Cyg.	205339	est 9.9 ×	
7 ~~03~~ 03				1 47
	20 54	+39.8		4 54 w
	25 34			
	4 40 w			+38.1
	TX Cyg	205642	est 9.0	×
7 8				1 52
	20 56	+42.4		4 55 w
	25 49			
	4 53 w			+40.4
	VY Cyg	210039	est 9.5	×
7 12				1 56
~~7~~ 9	21 0	+39.6		4 55 w
	25 53			21 01
	4 53 w			+37.8
	VW Cyg	201134	est 9 5, 0 h	×
				2 .5
7 21	20 11	+32 3		3 55 w
	25 57			
	~~4~~ 46 w 5			+32.3

Dec 28, 1908

Z Draco 11397 — est C 3,3 e *

7 26 11 39 +70.8 2 10
2 07 9 30 E
9 32 E +70.6

VV Cyg 210245 — est o 2,29 ×

7 30 21 2 +43.5 2 14
26 12 5 52 W
5 50 W clds troublesome +435

7 45 Too cldy to continue.

12 400 L.P.P.
58

(Tues) Dec 29 1908

L C Obs. JD 8305 24″

	SS Cyg	213843	est 10.0	×
7 07	21 38 25 53 4 15 w	+43.2		1:55 4 16 w 21:39 +41 4
	U Cephei	005381	est 8.3	×
7 11 −1 20	0 55 1 57 1 2 w	+81.5		1 59 1 : 3 w 0 56 +79.6
	U Cephei again			×
7 35 −0 56		est 8.8		2 23 1 27 W +79.6
	UZ Cygni	215543	est d2, 4e	×
7 43	21 55 26 26 4 31 w	+42.0		2 31 4 35 w +42.2
	U Ceph.	again	est 9.1	×
7 52 −0 39				2 40 1 45 W +79.6

Dec. 29, 1908

	SZ Cyg	202946	est 9.1	×
				2 5 1
8 03	20 30	+44.4		
	26 43			
	6 13 w			+44.4
	TX Cyg	205642	est 9.3	×
				2 5 5
8 7	20 57	+40.4		5 58 w
	26 53			
	5 56 w			+40.4
	VX Cyg	205339	est 10.2	×
				+38.0
8 11	20 54	+391		
	26 56			2 5 9
	6 2 w			6 5
83,06.6	VY Cyg	210039	est 9.6	×
				3 7
8 19	21 1	+37.8		6 6 w
	27 1			
	6 0 W			+37.8
	VZ Cyg	214742	est 9.0	×
				+40.6
8 24	21 47	+42.0		
	27 10			3 12
	5 23 W			5 25 w

Dec. 29, 1908

U Ceph again est 9.1 ×

8 29 0 56 +79.6 3 17
-0 12 3 14 2 22W
2 18 W +79.5

V Lacert. 224453 est 9.4 ×

4 39W
8 36 22 46 +53. ~~4~~ 3 2 4
27 20
4 34W +54.2

RX And 005840 est 12.0 copied Dec. 30th from memory L.C.

8 56 0 56 +40.6 3 44
3 34
2 38 W 2 44W
+39.0

U Cepher again est ~~8.9~~ 9.2 ×

2 56W
~~08~~ 0 56 +79 6 3 47
8 59 3 45
+0 28 2 49 +79 5

SU Aurig 060547 est 10.8

3 52
9 6 6 6 +45.9 2 15E
3 50
2 16 E +45.7

Dec. 29, 1908

U Ceph again ~~est~~ ~~8.6~~ 9.1 ×

3 57

9 8 | 0 56 | +79.6 | 3 1W

+0 37 | 3 53

2 57 W

+79.6

U Cephei again est ~~8.5~~ 9.0 ×

9 17 | 4 6

+0 46 | 3 11 W

+79 5

Y Camel 072776 est C 2,4 d ×

7 29 | +76 4

4 08 | 4 15

9:26 | 3 21 E | 3 16 E

+74 6

U Cephei again est ~~8.5~~ 9.0 ×

4 21

3 26 W

9:32

+1 1

+79 6

U Cephei again est ~~8.4~~ 8.9 ×

4 37

9:49 | 20 420 | 3 42 W

+1 18 | 58

L. P. P.

+79 5

Dec. 29, 1908.

In obs. of U Cephei after 8:59 I estimated the obs. 1/2 magn. too high throughout the rest of the obs., by trusting to memory for the magn. of the comp. ★.

L.C.

Thurs Dec 31, 1908

L.C. Obs J.D. 8307 2X

8307.5 S.S. Cygni 213843 ×

> vv est 10.2

S.S. Aurigae 060547 ×

> 05 est 11.0

2 422 58 L.P.P.

Fri. Jany. 1, 1909

L.C. Obs. 24" 8308 = J.D.

8308.9 HV404 0 90031 — Hydrae X

−33.8

14 28 var not seen, sure of region, but same to hazy to see ft. ~~stars~~.

9:28
0:30 W

— 422
1 59 P.P.

Wed. Jan. 6, 1909

L.C. Obs 24" JD 8313

8313.5 SS Cygni 213843 +

7 00 est 10.5

SS Aurig 060547 est 11.8+

7 14 6 5 +47.5 2:33
2 30 3:34E
3 35 E
(corr Decl Index by +1°.9) ✓ +45.9
U Geminorum 074922

7 49 +22.0
7 20 2 35
5 14 E Too cldy here

7 30 Region too near the full Moon

2 424 J.P.P.
— 59

Fri. Jan. 15, 1909.

LC Obs 24" JD 8322

8322.5 SS Cygni 213843 est 11.2*

6 ~~5~~0 21 38 +43.6 2:49

26 40 5 10 W

5 2 W +43.2

Repair W Pier light

SS Aurig 060547 est 13.6*

+47.8

7 00 6 6 +46.9

2 50 3:00

3 16 E 3, 7 E

L.P.P.

2 426

− 59

Mon. Jan. 18, 1909

L. C. Obs. 2x" JD. 8325

8325 5	S S Aurigae 060547 est <13.2	×
R.A.	6 5 +47.5 Dec S.T.	2:40 ~~S.T.~~
6 34	2 35 S.T. H.A.	3:27 E
EMT	− 3 30 E H.A.	
	Dec =	+47.8
	U Cephei 005381 est 8.8	×
		3:4
6 58	0 53 R.A. +81.3 Dec	2:7 W
7 11	2 48 S.T.	0:57
− 0 13	1 55 W H.A.	+81.6
−.009		
	S S Cygni 213843 est 11.3	×
		3:21
R.A.	21.38 +43.6 Dec	5:42 W
7 15	27 06 S.T.	
EMT	+5 28 W H.A.	+43.3
	U Cephei 005381 est 8.8	×
		3.47
7.41	0 57 +81.6	2.53 W
7 11	3 40	
+0 30	2 43 W	+81.5
+.021		
	U. Cephei 005381 est. 8.9	×
		4.00
7.54	0 57 +81.6	3.06 W
7 11	3 58	
+0 43	3 01 W	+81.5
+030		

Monday. Jan. 18 1909

8325 5	X Cephei	210382	est. 13.2	*
8.00	21.05 ~~28.02~~ ~~84.7~~ 6.57	+84.7 W		7.11 W 4.06 +82.8
	S. Lacertae	222439	est. 8.5	*
8.09	22.26 28.08 5.42	+39.5 W		4.15 5.50 W +39.8
8325 6	R. Lacertae	223841	est. 13.0 if seen	*
8.12	22.39 28.16 5.37 W	+41.0		4.18 5.40 W +41.8
	Z. Androm.	232848	est. 12.0	*
8.19	23.29 28.19 4.50 W	+48.5		4.25 4.57 W. +48.3
	U Cephei	005381	est. 8.9	*
8.39 7 11 +1 28 +.061	0 55 4.35 3.40 W.	+81.6		345. 437 +81.7

Monday Jan-18-1909

L. C. Obs. 24"

8325 6	R. Cass.	235350	est. 8.8	×
				444
8.38	23.53	+50.8		4.50 W
	28.38			
	4.45 W.			+51.2
	RX. Androm.	005840	est. 12.5	×
				351 W.
8.44	0.56	+40.5		450
	4.45			
	3.49 W.			+40.9
	S. Cass.	011272	est. 12.6	×
				4.55
8.49	1.08	+72.0		347 W
	4.52			
	3.44 W.			+72.2
	W. Cephei	005381	est. 8.6	×
				4.58
8.52	0.55	+81.6		4.06 W
7 11	4.56			
+1 41	4.01 W			+81.6
+.070				
	U. Cephei	005381	est. 8.6	×
				5.16
~~8.10~~	0.55	+81.6		4.24 W.
9.10	5.15			
7 11	4.20 W.			+81.6
+1 59	+.083			

Jan. 18. 1909.

8325 6	U. Gemin.	074922	~~fainter than~~ <12.5	*
9.26	7.49 5.18 2.31 E.	+22.0		5.32 2.18 E +22.2
		14 2	44° 6, D.P. P.	

Thur Jan. 28, 1909

L.C. Obs 2x" LD 8335 1

8335 ~~6~~ 5 SS Cyg 213843 est 10.5 x

6 ~~38~~ 3:24 5:46w +43.2

U Cephei 005381 est 8.9 x

6 44 0 55 +81 6 2:38w +81.6
+0 14=+.010 3 25 Algol Var
2 30w 3:30

7 4 est 8.9
+0 34 +.024 2:59w +81.6 3:50 x

7 46 +.053 3:42w +81.6 4:32 est 8.9 x
+1 16

8335 6

8 46 4:41w +81.6 5:32 est 8.2 x
+2 16 +.094

9 1 4:56w +81.6 5:47 est 8.0 x
+2 31 +.105

9 24 5:17w +81.6 6:10 est 7.8 x
+2 54 +.121

LP. P.

7 447
61

Mon. Feb. 8. 1909

L.C. Obs. J.D. 8346 5 7346 Catterol Rec

8346 5	X Cephei	210382	est 14.3	✓
7 38 21:05 29:00 7:55 W	82.8			8:11 W 5:08 +83.0
	Z. Cass.	233956	est. 14.2	✓
7 44	23:39 29:10 5:31 W.	+56.0		5:35 W. 5:14 +56:3
	RR ~~Pegasi~~ Cass	235053	est. 12.0	✓
7 48	23:51 29:16 5:25 W.	+53.0		5:18 5.28 W +53.0
	R. Cass.	235350	est. 8.7	✓
7 52	23:53 29:19 5:26 W	+50.0		5:22 5.29 W +51.0
	Y. Cass.	235855	est. 13.0	✓
7 55	23:58 29:23 5:25 W	+54.9		5.25 5.27 W +55.5
8346 5				

Feb. 8, 1909.
L.C. Obs.

8346 5

	Z. Androm	232848	10.6 est.	✓
8 0	23.30 29:26 5:56W	+48.5		5:30 6:01W +48.6
	X. Androm	001046	est. f3. var.	✓
8 3	0:08 5:30 5:22W.	+46.2		5:33 5:23W +47.0
~~8346 6~~	R. Androm.	001838	est 13.0	✓
8 10	0.17 5:34 5:17W.	+38.3		5:40 5:22W +38.4
8346.6	Y. Cephei	003179	est. g. 3, var.	✓
8 14	0:35 5.40 5:0.5W	+79.4		5:44 5:13W +80.0
	RW. Androm	004132	est. 14.2	✓
8 20 8346 6	0.43 5:45 5:02	+32:3		5:50 5.09W +32.4

L.C.

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