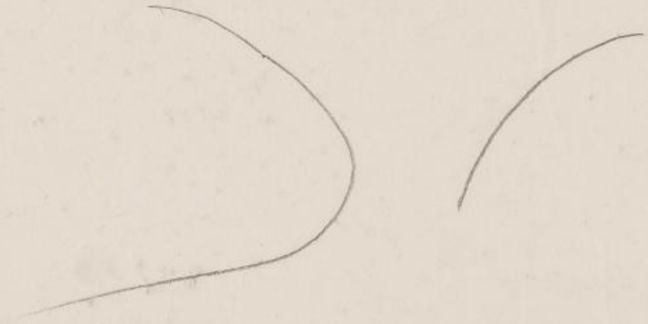
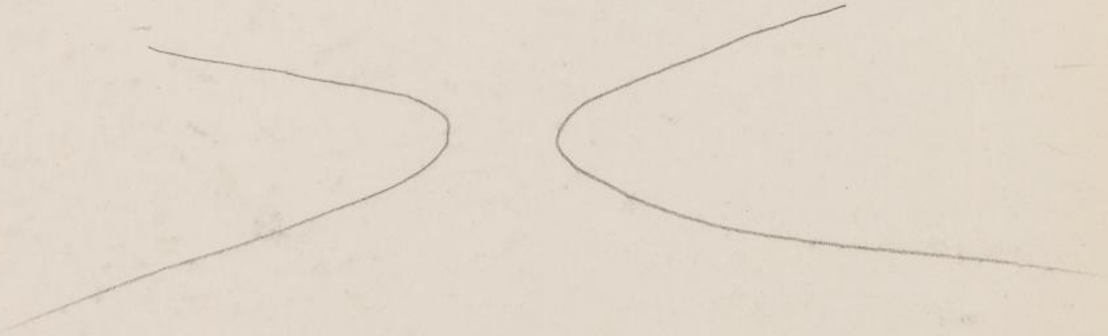
KG
11365
669

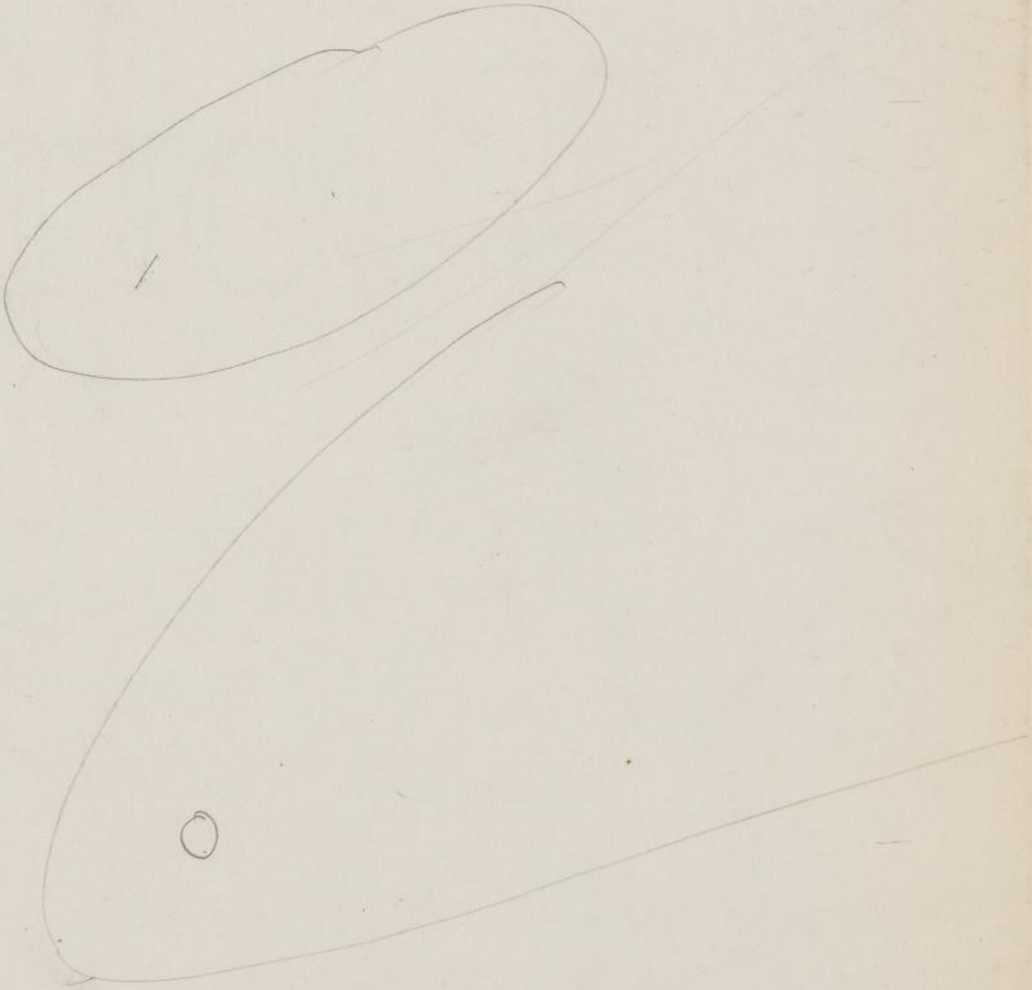
24" Reflector

07-4-11 — 07-11-9

KG 11365.669







1907phae.proj..67OC

KG 11365.669

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JUL 2 1956

Thursday April 11, 1907.

L. C Observer D. B. B. Recorder

Gould "

Continued from Book II

Measures of Standards near pole.

Notation of chart α.

	g	
	335	07
945	332	10
	333	09
	367	25
	167	51
	342 - 1	±13 - 1
	h	
	368	02
946	367	03
	372	02
	373	03
		10
	370	±02 + 2
	k'	
	403	05
947.8	399	01
	400	02
	392	06
	15 94	14
	398 + 2	±04 - 2
	l	
	437	07
950.2	432	02
	427	03
	422	08
	11 8	200
	430 - 2	±05

April 11, 1907.

	i		
	357	03	
951.8	361	01	
	358	02	
	364	04	
	0	10	
	360	±02 + 2	
	m		
	~~[illegible]~~ 448	04	
956	452	00	
	453	01	
	457	05	
	10	10	
	452 + 2	±02 + 2	
	n		
	458	05	
958.8	463	00	
	464	01	
	466	03	
	11	09	
	463 − 1	±02 + 1	
	h^{2}		Artificial star had to be
	366	02	refocussed due to slight movement
10:02.5	370	02	
	367	01	
	371	03	
	274	8	
	368 + 2	±02	
	h^{5}		
	411	01	
10 03.6	409	03	
	413	01	
	417	05	
	50	10	
	412 + 2	±02 + 2	

April 11, 1907

	k^3	
	410	02
10 05.2	413	01
	409	03
	415	03
	47	09
	412 - 1	±02 + 1
	k^4	
	414	05
10 07	408	01
	405	04
	27	10
	409	±03 + 1
	σ	
	478	02
10 10.7	479	03
	475	01
	474	02
	26	08
	476 + 2	±02
	σ	
	480	04
10 11.6	477	01
	476	00
	473	03
	26	08
	476 + 2	±02

p barely seen: too faint to measure.

April 11, 1907

	K4	
	4.31	07
10.29.8	4.47	09
	4.35	03
	4.39	01
	32	20
	438	±05
	~~K~~3 k3	
	4.26	04
10.31.5	4.31	01
	4.30	00
	4.32	02
	119	07
	430 -1	±02 -1
	k5	
	~~4.10~~	
	4.50	06
		01
10.32.6	4.45	02
		06
	4.42 15	15
	4.38 444-1	±04 -1
	k2	
	4.11	06
10.34.7	4.00	05
	4.03	02
	4.05	00
	19	13
	405 -1	±02 +1
	n	
	4.82	04
10.36.8	4.89	03
	4.92	06
	4.83	03
	26	16
	486 +2	±04

Apr 11 1907

	m	
	4.75	08
10.37.3	4.66	01
	4.61	06
	4.65	02
	27	17
	467 - 1	±04 + 1
	i	
	3.48	02
10.38.5	3.50	04
	3.43	03
	3.41	05
	182	14
	346 - 2	±04 - 2
	l	
	4.16	03
10.39.5	4.19	00
	4.21	02
	4.20	01
	76	06
	419	±02 - 2
	k	
	4.10	04
10.40.7	4.09	03
	4.05	01
	4.02	04
	26	12
	406	±03
	h	
	3.89	04
10.41.9	3.85	00
	3.84	01
	3.83	02
	21	07
	385 + 1	±02 - 1

Apr 11 1907

g
3.48 01
10.43.2 3.46 01
3.47 00
3.48 01
347 29 +1 03 +01 -1

9 6 h 4 ~~k 6 t~~ k^1 3 k^2 5 k^3 2 k^4 4 k^5
k^5 2 l 8 m 3 n 5 0 7 p.

.084803 S Hydrae
/ 8.40 +3.0 2.13 W
9.26 10.53 11.00
2.13 W +4.1
Est 12.0

.074922 U Gem
7.49 +22.4 3.16 W
/ 11.05 10.05
9.30 3.16 W +23.2
Est l'4,0n

.073723 S Gem
/ 7.35 +23.8 3.31 W
11.07 11.07
9.33 3.32 +24.2
Est 14.0

April 11 1907

	55353	Z Aurigae	
	5,48	+54.3	5.28 W
	11,10		11.12
9.37 ✓	5.22		+53,9
		Est 14,28	
	095421	V Leonis	
	9,52	+22,0	1,24 W
	11 15		11.18
	1.~~5~~3 W		+22,4
9,50 ✓	2	Est 13.8	
	115919	R Comae	
	11,56	+20,2	0,36 E
	11,20		11,23
	.36 E		+20,0
9,55 ✓		Est 13,0	
	141954	S Bootes	
	✓ 14,20	+52,6	2,43 E
	11,25		11,36
	2,55 E		+53,2
10,06		Est 13.3	
	132202	V Virginis	
	✓ 13,23	−2,4	1,36 E
	11,37		11,45
10,15	1,46 E	Est 12,9	−2,0

Apr 11 1907

130212 RV. Virginis
13.0 -12.5 1.12E
11.48 11.59
√ 1.12E -11.8

d4, 1e
10.20 Est e4f3g5h7k.

132706 S Virginis
√ 13.24 -5.5 1.30E
11.57 11.56
1.33E -5.8

10.26 Est 11.4

162119 U Herculis
√ 16.16 +19.5 4.15
1200 12.05
4.16E +19.8

10.35 Est 12.8

160210 U Serpentis
√ 1600 +10.2 352E
1200 1209
400E. M3, 2N +10.8

10 40

180531 T Herc.
1802 +30.5 55/6E
1210 Est 12.8 1215
552E +31.5

L.P.P.

13 ~~14~~ 4

415
46
132
28

Monday April 15, 1907.

Measurements of Standards in Pleides.

Measuring wedge of Photometer cleaned before beginning measures. Observer found the same quite ~~badly~~ dirty.

342
902
520 W.

j

9238	290	07
	278	05
	280	03
	283	00
	11 283	15 ±04

h

925	056	17
	078	05
	082	09
	076	03
	292 073	34 ±08

g

9255	027	01
	034	06
	024	04
	029	01
	34 028	12 ±03

k

926	270	13
	257	00
	246	11
	253	02
	228 257	26 ±06

Apr. 15 1907

	k	
	247	05
927	255	03
	250	02
	256	04
	8 252	14 ±04
	l	
	362	04
928	365	07
	350	08
	357	01
	234 358	20 ±05
	m	
	400	03
9295	404	01
	405	02
	402	01
	11 403	07 ±02
	n	
	452	04
9305	449	01
	448	00
	443	05
	32 448	10 ±02
	o	
	437	13
932	450	00
	453	03
	458	08
	198 450	24 ±06

April 15, 1907

	o		
	457	05	
933.	448	04	o barely seen; difficult
	449	03	to measure.
	452	00	
	6	12	
	452	±03	
	n		
	449	08	
9336	442	01	
	438	03	
	435	06	
	4	18	
	441	±04	
	am		
	406	03	
9342	408	01	
	415	06	
	408	01	
	37	11	
	409	±03	
	l		
	~~430~~		
935 ←	380	02	
	385	03	
	384	02	
	380	02	
	9	09 ±02	
	382		
	γ 215	09	
937	228	04	
	224	00	
	230	06	
	97	19	
	224	±05	

Apr. 15 1907

	k	
	244	05
9375	236	00
	234	02
	235	01
	26	08
	236	±02
	g	
	014	05
9385	025	06
	011	08
	027	08
	77	27
	019	±07
	h	
	073	04
9391	075	02
	085	08
	0-76	01
	29	15
	1077	±04
	g	
	280	03
9401	281	02
	280	03
	290	07
	11	15
	1283	±04
	g	
	305	13
943	293	01
	284	08
	284	08
	366	30
	292	±07

April 15, 1907.

~~h~~ n
426 02
944 420 04
423 01
423 01
14 08
424 ±02

h
085 04
945 080 01
084 03
076 05
5 13
081 ±04

m
415 09
946 406 00
398 08
406 00
25 17
406 ±04

l
389 13
947 376 00
368 08
369 07
302 28
376 ±07

k
99 ~~324~~ 285 07
94~~7~~6 ~~298~~ ~~285~~ 296 04
298 06
288 04
21
2857 ±05

April 15 1907

9496	g 239	09
	250	02
	257	09
	248	00
	194	20
	248	±05
9504	g 078	24
	040	14
	050	04
	049	05
	217	47
	054	±12
951	g 014	06
	023	03
	018	02
	027	07
		18
	020 2	±04
~~9513~~	g ~~174~~ wrong image	
952	246	06
	250	02
	253	01
	257	05
	6	14
	252	±04
9528	k 270	00
	273	03
	263	05
	270	00
		08
	278	
	270	±02

apr. 15 1907

	l	
	349	06
9535	344	01
	340	03
	338	05
	11	15
	343	±04
	o	
	430	09
956	434	05
	448	09
	443	04
	15 5	27
	439	±07
	o	
	443	03
9565	443	01
	446	04
	433	09
		17
	442	±04
	m	
	421	07
9578	414	06
	412	02
	407	07
	5 4	16
	414	±04
	h	
	035	11
958	062	04
	068	02
	077	11
	22	28
	066	±07

April 15, 1907.

n

380 25
9594 412 07
410 05
418 13
50
20 ±12
1405

γ
272 08
1600 264 00
257 07
263 01
16 16
264 ±04

H. A about 6:18
at end of setting

870612 U Puppis

754 −128 820 W
✓ 1010 s2,1t 1015
216 W. ~~9.5 Jan~~ −11.6
96r553t Est. 14th

830.

122160 T Urs Maj
✓ 1232 +60.45 1538 E
1032 Est = 7.4 1038
200 E. +60.6

848

✓ 123459 RS Urs Maj
M.S. l0,2m 148 E
" C k2,3l 1046
+59.8

3 418
266
133
28

(Wed.) April 17, 1907.
LCobs DBB. Rec.

Reappearance of Jup. II

929 19 - 2 sec. Sat. Reen. = Watch Time
Watch at 7 5 8.0 = 9 5 3 26 True
∴ Sat reappeared at 7 3 3 5 ½ M.T

3 4 2
9 3 2
5 3 0 W.

Too hazy for ~~photometric~~ measures.

Measurements of ~~Standards~~ Near Pole.

021281 Z ~~RR~~ Cephei 7 5 3 W
200 + 8 1 1 1005
1000 + 82.1
✓ 800 W η 6 L 4 k 6 l 4 m ~~l 5 Var~~.
809 m 3, Var Var barely seen.

022980 RR Cephei 7 4 3 W
228 + 8 1 0 10.3
✓ 1008 + 81.6
740 W. δ 6, ε 4 ζ 7 θ 6 η 7 b 4 a'
a' 5 Var. Var barely seen

817

063558 S Lyncis
655 + 5 7 2 347 W
✓ 1015 m 3 n o o 4 p 6 q 5 r 1020
340 W. r 5 5 + 58.7
824 Est q 2, 3 r.

April 17, 1907

065355 R Lyncis.
648 +55.6
1024
✓ 336 W. Est 12.4
334 W
1023
+56.0

829.

064030 x Gemin.
638 +30.2
✓ 1028
350 W. f 2,49
338 W
1029
+30.8

833.

065530 RS Gemin
654 +30.6
✓ 1030
336 W. γ 3,16
339 W
1033
+31.4

836.

074922 U Gemin.
✓ 749 +22.2
1035
246 W.
249 W
1037
+22.6
η 3,20

839

052036 W Aurig
✓ 515 +372
1040
525 W. á 3 36
522 W
1041
+37.6

844

April 17, 1907.

053326 R R Tauri.
531 +25.8 512 W
✓ 1043 d 2, 2 e 1044
512 W. +27.0

849.

063308 R Monoc.
631 +9.0 414 W
✓ 1045 1046
414 W. f 3, 4 s +9.4

857

070109 V Can Min.
658 +8.8 350, W
✓ 1048 1050
350 W. 53 Var +9.6
14th Badly seen

855

071201 R R Monoc.
✓ 710 +1.5 342 W
1052 1054
342 W. r 2, N +2.2

858

050953 R Aur
✓ 503 +53.0 549 W
1055 1058
552 W. Est 13.2 +54.2

902

April 17, 1907.

090425 W Cancri
903 +26.0 202W
1100 1105
157 W. M 3,1 n. +26.3
✓

909.

133273 T Urs Min
1323 + 73.2
1106
217 E.
~~abandoned~~

120905 T Virginis
1207 -5.0 044E
✓ 1117 1124
50 W.E Est 13.7 -4.7

928.

122803 Y Virginis
1227 -3.5 058E
✓ 1627 1130
100 E. Est 12.2 -3.2

933.

154536 X W Coron
✓ 1544 +36.7 406E
1432 a 406 1137
412 E. L. P. P. 16 | 1434 | +38.5
16 | 47
16 | 149
| 28

942.

Saturday April 20, 1907.

L. C. ~~D.B.~~ Obs.
Rec

104814 W Leonis
1044 +14.065 112 E
914 983
✓ 130 E Est. o2, 2 p +15.2

725

083350 X Urs. Maj
830 +50.4 116 W
935 945
✓ 105 W. Est no Var. +57.2
n & Var. seen by glimpses

738

061702 V Monoc 344 W.
✓ 616 -3.2 957
946 Est so, 5 r -1.44
330 W. p6 q 7 s 4 r ~~x~~ 5 t 4 u 6 w

750

064707 W Monoc.
✓ 645 -6.8 317 W.
1000 1005
315 W Est. g o 5 f -6.7
g6 f6 k 4 h 4 l 3 m ~~x~~ 3 n 6 o

757

072708 S Can Min.
✓ 720 +8.6 247 W
1006 1010
246 W Est 12.7 +9.4

802

April 20, 1907.

060450 X Auriga
601 +50.0 414 W
1012 1015
✓ 411 W. Est. d 3, 4f +50.8

807

061647 U Auriga
611 +47.2 420 W
✓ 1017 1032
406 W Est 10.0 +48.8

825

070122a R Gemin.
6~~7~~56 +22.9 343 W
✓ 1036 1040
3~~2~~40 W. Est 12.4 +23.4

832

074922 U Gemin
✓ 749 +22.4 301 W
1041 946
252 W. Est b 4, d +22.8
9th

838.

175458 T Draco. 648 E
1751 +57.0 1101
1051 T Draco → +58.8
8 50 7 08 E. North fol. component = 123,38.
South fol. component = 03,3 p
Sou. fol. brighter than No. fol.

1907phae.proj..67OC

April 20, 1907

T Draco Cont.

Estimates of Comparison Stars.
Abandoned!

11 445
— 47
13 162
— 28

LPP

Monday April 22, 1907.

L. C. Observer DBP. Recorder.

090024 S Pyxidis
-25.5
902
932
30 W.
✓
057 W
1057
-24.0
Est. e 2 W
Moon bright. sky hazy.

742

093014 X Hydrae
-14.2
930
1000
30 W.
✓
039 W
1008
-13.4
Est. e 4 3 f
f difficult to see

754

094023 RR Hydrae
-23.2
936.
1010
34 W.
✓
039 W
1017
-22.8
Est. e 0, var (C)
Var & E barely seen
Var suspected [JEG]

8 04

094622 Y Hydrae
-23.0
946
1020
24 W
Too cloudy

074922 U Gem.
+22.4
749
1023
236 W
✓
24~~8~~6 W
1034
+22.8
d 2, Var (C)
d 4 Var (G)
LPP
3 448
1 48
= 162
= 28
Too cloudy to continue

8 20.

7690

G. D 7690 Wednesday April 24
L. C Obs. D B C Rec.

074922 U Gemini
749 +22.4 2 14 W
940 Est { e 2, 3 f (DEG) 1001
151 W. { e 1, 4 f (C) +22.8

737

094622 Y Hydrae
946 −23.0 0 30 W
1006 1013
20 W ~~Est~~ α 4 4 β −22.2
Var bright & red
750 Comp. stars distant. Est. difficult

104620 V Hydra
−19.5 ~~20.0~~
1046 0 14 E
1016 Est { 8.8 (Sonel) 10 30
30 E. { 9.0 (C) −19.8
Var very red; est difficult

810

071713 V Gemini
713 +13.4 3 04 W
1033 1049
320 W Est 8.8 } (~~Sonel~~) (C) +13.8

832.

095421 V Leonis
951 +22.0 1 12 W
1051 Est 13.5 if seen 11 05
100 W Not seen by G. +22.4

845

April 24, 1907

09 31 78 Y Draco +78.7 155 W
9 29
11 09
1 40 W
1120
+79.2
Est. k 3.3 k
Star too faint to est. by Gould

900

14 19 34 S Bootis
34.3
14 21
11 21
3 00 E.
14 8
11 48
2 20 E
2) 156
1152
2146
1202
+34.8
Est { 12.7 (G) / 12.8 (C)

Reappearance of Jup. II

Reap at 10 09 03 = 10 09 23 Corr. E.M.T. Rec. by D.B.O. 21

10 9.50 503
10 10 4 438
10 10 15 411
10 10 30 380

10:9:40 Corr. E.M.T. noted by Mr. Gould.

L.V. of Wedge = 5.55

10 10 40 357
10 10 53 324
10 11 08 350
10 11 19 334
44 00 165
10 11 00 341
Corr. E.M.T. 10 11 20

♃

10 11 29 324 02
10 11 37 327 05
10 11 44 319 03
10 11 52 320 02
46 42 90 12
10:12:00 Corr. 10 11 40 322 ±03

April 24 '07

101200	324	02
101208	324	02
101218	327	01
101229	331	05
55	106	10
10 12 14	326	±02
Corr EMT 10 12 34		

101235	324	00
101243	325	01
10 12 39	324	
10 12 59		

	328	05
101308	330	03
10 13 28	335	02
	340	07
		17
	133	
	333	±04

	331	01
101335	327	03
10 13 55	330	00
	332	02
		06
	120	
	330	±02

L.P.P. 7 4 55
– 48
– 162
– 28

	321	05
101424	316	00
10 14 44	315	01
	310	06
	62	12
	316	±03

Co watch used d
is 20s slow at
10:19 EMT

(Sat). April 27, 1907

7693 JD 7693 L.C. Obs & Rec

U Gem 074922

H.A. = 2:28 W

~~10 15~~ est e 3,2 f S.T. = 10:15

√7 41 Dec = +23.2

L.J. E.G.

Obs. through some haze but care exercised in taking same.

7 45 Too cloudy & hazy with strong moonlight to continue further

1 456

268

162

28

(Sat) May. 4, 1907.

$7^{1 00}$ LC Ob. & Rec. JD. 17700.

U Gemini. 074922 est n2,20

8 06 Var faint again.

~~H.A.~~ = 3:23 W
Decl. = + 22.7
S.T. = 11:10

V Cancri 081617

8 17 +17.5
11 27
3 10 W est 8.7

8 24

ST = 11.28
Dec = +18.2
Ha = 3.13 W

084803 S Hydrae

H.A. = 2:47 W
~~Dec~~ = + 3.1
ST = 11:34

8 30

8 41 + 3.1
11 31
2 50 W est 11.5

T Can Min. 072811

7 27 +12.0
11 37
4 10

8.35

est 13.7

Dec = +12.6
S.T. = 11.39
Ha. 4.11 W

U Can Min 073508

Ha 4.12
SLT=+ 9 2
ST = 11 47

07 33 + 8.7
11 42
4 09 W est 10.5

8 43

~~Sat~~ May 4, 1907

U Cancri 083019

8 29 +19.9 Ha 3.24 W

~~8 48~~ 11 49 S/T = 11.53

3 20 W Dec +20.0

est γ 2,2 γ

X Camelop 043274

4 36 +75.6 S.T = 12.01

11 56 Ha = 7.28 W

8 57 7 20 W Dec = +75.6

est α 0,4α'

S' Camelop 053068

5 28 +68.8 S.T=12.15

12 03 Ha = 6.47

9 11 -6 35 W Dec + 69.6

est 9.3

T Urs Min 133273

9 32 13 22 +73.1 13 53 +74.0

Can't find 12 18 12 28

~~1 4 East~~ 1 25 E

the region

S' Leonis 110506

S.T = 12.48

9 44 11 1 +6.0 Var Susp only

12 38

1 37 W est 13.8 or 14.0

Ha = 1.43 W ~~Dec~~ +68

May 4, 1907

R Comae 115919

9 48 11 57 +19.6 Dec = +20 0
12 50 S.T. = 12 52
0 53 W est 11.7 Ha = W

Y Virginis 122803

Dec = −3.2
12 26 −3.6 S.T. = 12:58
12 54 Ha = 0:30 W
9 54 0 28 W est 13.0

RU Virginis 124204

Dec = +5.4
12 41 +4.2 S.T. = 13:01
12 59 Ha = 0:21 W
9 58 0 18 W est 10.4

S Virginis 132706

Dec = −6.0
13 24 −5.5 S.T. = 13:02
10:04 13 04 Ha = E
20 East
est var 5 m = 11.5

Z Bootis 140113

13 59 +14.4 S.T. = 13:11
13 10 Dec +14.6
0 49 East Ha = 0:45 E
10:13 Var not certainly seen
at least 2 magns < other m

May 4. 1907.

V Boötis 142539

14 26 +39.0 S.T. 13:25
13 20 Dec +40.0
10:21 1 06 HA = 1:00 E.
est 7.6

U Boötis 144918

14 48 +18.3
13 26 S.T. = 13.29
Dec +18.6
10 25 1 22 E. HA = 1:21 E
est 10.0

R Draco. 163266

16 28 +67.4 Dec +67.7
13 32 S.T. 13:37
10 33 2 56 East HA = 2:49 E
est 11.4 = var bg.

RR Virginis 135908

13 57 −8.5 S.T. 13:48
13 41 Dec −8.0
10 44 0 16 E. HA = 0:9 E
est 11.6

Z Virginis 140412

14 2 −12.6 S.T. = 13:50
13 50 Dec = −12.2
10 46 0 12 E. HA = 0:13 E
est 12.8

May 4, 1907

RS Virginis. 142205—

14 24 +5.4 S.T. = 13:57
10 53 13 52 Dec +5.8
0 32 E. H.a E.
g 7 var

V Librae 143417

14 31 −17.2 S.T. = 14:02
10 58 13 59 Dec = −16.6
0 32 E. H.a. = 0:31 E
est m 6 var 10.5

S Serpentis 151714

15 13 +15.0 S.T. = 14:09
11 05 14 05 Dec + 15.5
1 08 E H.a = 1:17 E
est 12.0

R Herculis 160118
15 59 +19.0 14:21
14 10 +19.4
1 49 E 1:39 E
11 17 est 11.0

RU Herc 160625—

16 4 +25.A
14 24 14:25
Dec +26.2
11 21 1 40 E g 3, 4 h
Ha 1:39 E

May 4, 1907

W Coronae 161138

16 8 +38.4 14:30

+39.8

11 26 14 28 1:40 Σ

1 40 ε a 3.3 f

RV Herc 165631

16 55 +31.2 14:35

14 32

+32.2

11 31 2 23 ε 2:20 Σ

est 05, 2/p 14

U ~~St~~ Herculis 162119

16 19 +19.3 14:42

14 37 +19.9

11 38 1 42 ε 1:37± Σ

est 11.3

St δ¹ Herc 162807

16 26 +7.5 +8.2

14 43 14:50

11 46 1 43 ε 1:37 Σ

d 4.20

S¹ Herc 164715

16 45 +15.2 +15.9

14 52 14:55

11 51 1 53 ε Σ

est 9.3

May 4, 1907

RT Librae 150018

14 58 −18.6 15:02

14 08 −17 6

11 58 0 0 0:2 W

est m o var 13 ~~th~~

T Librae 150519

15:06

15 3 −19.2 −18 8

15 3 ±0:2 W

12 02 0 0 est k's var

S Librae 151520

15 12 −19.0 15:11

12 07 15 8 −19 2

0 4 E est 11.8 0:3 E

RU Librae 152714

15 28 −14.3

15 12 15:11 5

12 11 0 16 E −14.2

m 3 var 0:11 E

X Librae 153020

15:18

15 27 −20.5 −20 2

12 14 15 17 0:11 E

0 10 E est 11.2

May 4, 1907

R Librae 154715

15:29

15 46 −16.3 −15.2

15 26 0:18 ε

12 25 0 20 ε

est β 0,5 α

R R Librae 150018

15 48 −17.9 15:31

15 30 −17.2

12 27 0 18 ε 0:18 ε

est 8,5

Z Scorpii 160021

15:34

15 57 −21.4 −20.8

15 33 0:25 ε

12 30 0 24 ε est d 3,3 e

16 11 22 a R Scorpii

15:41

5

16 9 −22.5 −21.8

12 37 15 36 0:30 ε

0 33 ε est 11.7

161122 b S Scorpii

12 37 est var badly seen

if so < 13.5

May 4, 1907.

γ Scorpii 16 23 19

15 50
−18 2
0 32 ε
32, 48

12 46 16 19 −18.1
15 43
0 36 ε

12 47 New Var. N.p. γ = 22 27

δ'δ' Cygni 21 38 43

15 56
51 ε

12 52 21 36 +43.6
15 52 est 11.5 +43.7
5 44 ε

12 53 Quit for tonight

L.C.

~~39~~ 40 49 6 L.P.
2 50
= 16 2
— 28

Saturday May 11th 1907

L. C. observer   W G Fernandez Recorder

77.7   074922 U. Gem.

RA 7.49.   + 22.4
S. 11.19
3 ~~5~~ 30 W

7 55   Too cloudy

RA 7.49
S11.44
3.55 W

H. a. = 4:00 W
St. T. = 11:49
Dec. = +22.9

8 20   Est m 2,20

050953 R. Aurigae

5.3 + 53.0
11.52
6.49 W.

8.26

Ha. 6.47 W
S.T. 11.56
Dec. +54.4

Est 13.4

V Camelop 054974

R A 5.45   Dec + 73.9
8.40 S.T 11.59
6.14 W.

Ha. 6.19 W.
S.T. 12.10
Dec. ~~73 +74~~ +75.1

Est λ 3 var

May 11th '07

063558 S. Lyncis

~~$~~

6.34 +57.2 H.A. 6.41 W

12.14 12.17

8.50 5.40 W q³, 2r +58.4

065355 R Lyncis

5.43 W

9.5 6.48 +53.6 12.36

12.20 +56.2

~~.42~~ Est 13.0

5.32 W

090425 W Cancri

3.40

9.3 +26.0 12.45

9.15 12.40 +26.2

3.37 W Est ~~E~~ n 4 var.

095421 V. Leonis

c 3.56 W

9.51 +22.0 12.50

9.20 12.48 +22.4

2.57 W Est. 13.7

4.47

083350 X Urs. maj. 13.21

9.50 8.30 +50.4 +51.2

12.52

4.22 W Est. n 3 var

May 11 '07

104814 W Leonis

10·4 R A 10.45 +14.4
13.22
2 37

2.45
13. 34
+14. 5

120905 T Virginis Est S3 var

10.14
12.9 −5.0
13. 35
~~13 35~~
1 .26 W
Est 13.5

1.35
~~13 44~~
13. 44
−4. 8

130212 RV Virginis

10·20
13.0 −12.5
13.45
.45 W
est K4 var
Var just seen

13.50
0.47 W
−11.8

132202 V. Virginis

10:30
13.23 −2.4
13. 51
0.28 W.
Est 8.5

14.0
0.38 W
−1.8

180531 T Herculis

10.43
18.2 +30.5
14.2
4.0
Est 11.8

14.13
3.46 E
+32.0

May 11 '07

17^h 0^m 27 R. T. Herculis

17·9 — +25° 0 ~~14·23~~
14·15 —
10·53 2·54 Σ. Sst. d24e 2·43
14·23
+28·3

14 — 510
— 50 L. P. P.
— 162
— 28

09
~~7~~

(Monday) May 1~~2~~ 3th '07 L.C. Ob.
W.G.T. ft. Rec.

103769 R. Urs. Maj.

~~7~~ 7.45 10.32 / 11.15 W. / 0.43 / 10 / 0.53 Est 12.4 +69.4 0.54 / 11.27 / +70.2

123459 R. S. Urs Maj

8.10 12.23 / 11.29 E / .54 E / ~~47~~ 45 E Est C2, 2d copied from memory by L.C. 07-5-14. +59.2 0.39 / 11.53 / 59.8

123160 T Urs Maj

8.15 Est 7.4 11.58 / 0.32 / +60.8

123961 S. Urs Maj

8.15 Est 9.3 11.36 / 12.1 / +66.22

064030 X Geminorum

8.37 6.39 / 12.2 / ~~44.31~~ 5.35 / ~~5.23~~ 55 Est f 24g +30.2 5.40 / 12.20 / + 31.2

May 1$\overset{3}{2}$ '07

065530 R.S. Geminorum

+30.6 5.32
12.27
+31.2

6.53
δ
8.45 12.21
5.29 W. Est d 3.4 E

073723 S. Geminorum

+23.8. 4.56
12.33
+24.6

7.34
12.28
8.50 ~~54~~.54 W Est 13.0

060450 χ Aurigae

+50. 6.35
12.39
+50.8

6.1
12.34
6.33 W
9.56 Est. d 3.4 f

061647 V Aurigae

+47.0 12.34
14.50
48.4

6.10
9.7 12.46
6.36 W. Est 10.0

115919 R. Comae

+20.2 1.0
12.58
20.2

11.57
9.15 12.51
.54 W 11.0

May 13th 07

141954 S. Bootis

14·8 +52·5 1·8
9·26 13·0 13·9
1·8 ε Est 11·5 +55·2

154536 χ Coronae

15:43 +36·7 2·23
13·10 13:20
9·43 2·33 ε. Est. b 3·3b', +37·6
b5·b'3c

160210 U Serpentis

16·61 +10·4
13·22 2·30
9-53 2·39 ε. p Bg-var 13·30
var barely seen. 10·8

171723 R.S. ~~Herculis~~
Herculis

10·1 17·18 +23·0 3·36
13·32 13 40
3·48 ε Est. c2,3f +23·8

175654 V Draconis

17·56 +55·2
10·10 13·45 4·7
4·11 ε Est a2,4b 13·48
+55·6

3
May 17th '07

T. Draconis 175458.

+57.0

10.15 17.51
13.49
4. 2Σ

4.
13.54
+59.2

Est. T = n f component
Est. T 4388
s f comp. p 0.59

1434 17 V Librae

-17.3

60
14.31
10. 13.55
1.36 Σ.

0.31 Σ.
14.2
16.4

Var fainter than
< 12.8 ~~often not seen~~

150605 Y Librae

-5.0.

0.58 Σ
14.7
-4.8

15.4
10.30 14.3
1.1

Est m 3,2 n

W Lyrae 153215 S

-15.2

15.30
14.17
1.23 Σ. abandoned

U Librae 153620

1.14
14.20
-20.2

-21.0

10.44 15.32
14.11
1.21 Σ.

Est. Var at least fainter than the companion obs. can't separate the 2 stars

May 12$^{3\text{th}}$ '07

154020 Z Lyrae

10.45 Too 13.5 of seen var diff. to estimate. 1.16 E

14.23

-20.4

19 – 529

+1 – 51

— – 162

— – 28

L.P.

77.6 (Mon) May 20, 1907

LC Obs. W.G.T.H. Rec.

JD - 7724 24" telescope.

S.T. 12.15
11.43
+80.5

Y Cephei 003179

0 32 +79.4

7.50 11 47 Twilight still too strong.

8.5 11 15 W Est. of 3 var. barely seen.

Z Cephei 021281

2.0 +81.2 10.8 W
12.16 12.21
10.16 W. +82.4

8.17

k 0 var
var + k faint + diff.

RR Cephei 022980

22.8 +80.8 9.58 W
12.22 12.29
9.56 +81.5

8 25

b 5 n

T UMa Min. 133273 0.36 E
13.54 13.24 +74.0 +74.0
12.34 12.43 12.53
1.20 0.41 E.

12.18

Est b 2 3 m
region diff to identify

Omitted

by Mistake

77 16

May 20, 1907

S. Virginis 132766

12.59

13.25
12.53
.32 ξ.

-5.5

0.28 ξ.
-6.0
12.59

Est 11.8

R R Virginis 135908

9.4

13.57
13.2
0.55 ξ.

-8.5

0.50
-7.8
13.8

Est 12.5

14084 -12 ξ Virginis

9.8

14.2
13.9
0.53 ξ.

~~Est~~ -12.6

0.51
-12.0
13.12

Est 11.4

copied from memory by L. C

R S Virginis 142205

9.45

14.23
13.13
1.10 ξ.

+5.5

1.3 ξ
+5.8
1.19

Est 9.7 var

9.26

ξ Ophiuci 171401

17.14
13.20
3.54 ξ

+1.6

3.41
13.31
2.2

Est 133m

May 20, 1907

R T. Ophiuchi 175111

17.50 +11.0 4.14
9.34 13.32 13.36
4.18 Σ ~~H~~. +12.1
Est. α 3 2 β. Obs diff. stars hardly seen

R Y Herc. 175519
17.521 +19.5 4.11
13.37 13.42
9.41 4.17 Σ. +20.2
Est. α 5 var

R W Herc 180122 4.10
18.0 +22.2 13.50
13.43 +22.9
9.45 4.17 Σ
Est. m 3 3 0

W Lyrae 181136
9.58 ~~18.7~~ ~~18.6~~ +36.5
~~13.50~~ 18.15 4.8
~~4.16~~ Σ 13.57 14.1
4.11 4.18 +37.2
Est. C 4 3 d

R Z Herc 183225 4.24
10.3 18.31 +26.0 14.7
14.2 26.6
4.29 Σ Est. ~~m~~ ~~m 4~~
m 4 0 0.

77.6

~~Df~~ May 20, 1907

R.Y. Lyrae 184134

18.40 +34.5 =

10 08 14.8 14.12

4.32 E. 4.27 E

est f 2,2 c +35.4

R Coronae 154428 ~~f~~ F. G

Est. 5.7

10.10

R.W. Lyrae 184243

18.40 +43.4 4.18

10.18 14.16 14.21

4.24 E. +44.3

(Est. var barely seen seen, est. f 3 var.)

RX Lyrae 185032

18.48 +32.8 4.21

10.24 14.22 14.27

4.26 E. +37.4

Est. b 3 3 c

185634 Z Lyrae

4.21

18.52 +34.6 14.34

10.30 14.27 +35.8

4.25 E Est. f 3 3 g

May 20, 1907.

190967 U Draconis

60

19.12 +67.4 4.22

10.40 14.33 +68.2

4.39 Σ. Est. λ22θ 14.45 —

162815 T Ophiuci

60

16.24 -15.5 1.33 Σ

14.54.

10.45 14.47 -15.2

1.37 Σ

d22e

162816 S Ophiuci

·1.29

11.58 -16.2

14.58

Est. c24d

21 550

1 52 L.P.P.

162

28

7717

L.C. Obs.

Tues. May 21st 1907 W.G.T. At Rec

R. Cassiop. 235350

+49.8

9.43 23.52
13.48
10.4 E. abandoned
Too low

S Cassiop 01272

~~4~~ 1.8 +72.0 11.12 E
9.48 13.52 +73.0
12.44 W 13.58
Est. 13.0

S. Cygni 200357

19.58 +57.8
14.00 5.32
5.58 E. Est 12.8 +58.4
9.59 14.10

U Draconis 180666

18.6 +66.0
14.10
3.56 ~~4~~ E. 18 6
Cant identify 14 28
3 38 E

May 21st 1907

191637 U. Lyrae

19.14 +37.2 4.35
14.32 +35.6
10.30 4.42 E. 14.40

Est. η 30 θ.

T. Z Cygni 191350

~~19.13~~ 19.12 +49.8 4.26
14.41 +50.8
10.35 4.31 E ~~14.45~~

Est x 33 f.

TY Cygni 192928

19.25 +27.6 4.36
14.46 14.50
10.40 4.39 E. +28.8

Est. ε 4, 3 μ

V. Cygni 203847

+47.3

abandoned ~~20.43~~ 106 20.43
can't identify ~~14.57~~ 15.4
~~5.46 E~~ 5.39

213843 SS. Cygni

21.37 +43.6
11.22 15.8
6.29 E 6.23
15.12
6 556 L.P.P. Est. var 3 f = 9.1 +43.8
— 52
— 162
— 28

Monday June 3rd 1907.

7^{30} S. S Virginis 122001

12.12 +0.0
12.45
.33 W Twilight strong
Considerable haze
a5 b 4c 5d ~~6e~~ 3f 5e
4g 4h 6k 3m 5l 6n 405p

a2,5b redness q.

8.12 0.524
+1.8
13.12

X Urs Maj 083350

+50.4
8.30
8.45 13.14 4.52
4.44 W Est. l 3 X 13.45
+51.2

090425 X Cancri

+26.0 4.31
9.3.
13.46 13.34
4.43 Est. m 2.2 xn + 26.2

95421 V Leonis

9.51 +220 sky somewhat hazy
8.39 13.35 in the West
3.44 W. Est 12.0 3.45
13.39
+22.3

June 3rd 07

104814 W Leonis

10.44 +14.5 2.55

8.43 13.40 13.43

2.56 W Est 82 W +14.8

110506 S Leonis

+6.3

11.2 2.43

13.44 13.47

8.47 2.42 W Est < 12.0 + 6.6

~~[illegible]~~ 103769 R Ursae Maj

10.32 +69.3

13.48

3.16 W Abandoned too cloudy

144918 U Bootis

14.47 +18.3

9. 13.51

.56 E Abandoned too cloudy.

to continue

3 559

3 55 L.P.P.

13 185

1 29

77^{33} (Thurs.) June 6, 1907

L.C. Obs + Rec J.D. 7633

R Corvi 121418

S.T.=13:18
Dec=-18.0
Ha=1:4W

8.18
12 8 -16.6
13 8
1 0 W est 9.0

093934 R Leo. Min

S.T.=13:39
Dec+35.6
Ha=3:58W

8 ~~28~~
09 34 +35.7
13 20
3 46 W est 12.6

120905 T Virginis

S.T.=13:49
Dec=-4.8
Ha=1:41W

8 38
12 7 -4.8
13 43
1 36 W
Est 13.0

122803 Y Virginis

S.T.=13:55
Dec=-3.2
Ha.=1:27W

8 45
12 31 -3.5
13 53
1 22 W
est 13.4 ft.

T Urs. Maj. 1231

8 47
12 34 +60.5
13 57
1 23 W

Too cloudy

June 6, 1907

R Coronae 154428

8 00 F.L.G. est ~~6~~ 5.8

R Hydrae 132422

8 53 F.K.G. est ~~7.0~~ 6.5

wrong magn. of star n. assumed
changed by L.C. 907-6-7.

Too cloudy to continue at present

6 565
" 55
" 175
" 29

L.P.P.

S

Sat June 8th 1907

7735 - Lo-obs F. Rec

162815 T Ophiuchi

−15.7 1.5.2

9.14 16.24 Est. b 3 0 g −15.2

14.28 ,14.34

1.56

T. Lybri 150519

−19.5

15.3

14.35

.28 Clouds in region

T Urs. Maj 123160.

12.24 +59.5

14.40

2.16 R. abandoned clouds

182306 T Serpentis

+6.1 3.3

10. 18.21 +7.2

15.8 var seen with difficulty 15.20

3.13 E. Est 55, 2t

190108 R Aquilae

+8.0

10.5 19.0

15.21

3.39 E. abandoned too cloudy

June 8th '07
S.S. Cygni 21 38 43

+43.6

10.8 21.37
15.23
6.14 E
Est 11.8

6.9
+43.8
15.27

Too cloudy to continue

3 568
— 55
— 175
— 29

L.P.P.

1907phae.proj..67OC

7747
7738

(Tues.) June 11, 1907

L.C. Obs. JD 7738 F. Rec Rec.

141954 δ Bootis 36 ~~1~~E
+55.2
14 20 452.5 13.42
8 10 13 20 Est 10.0
1 0 E

S. Coronae 155731 1.21 E
8.15 15.16 +33.3 +32.6
13.47 13.55
1.29 E. Est 9.2

15.80

V Coronae 154539
15.44 +40 1.47 E
13.56 +40.7
1.48 E. 13.58
8.20 Est 9.2

R. Serpentis 154615
~~15.44~~ +15.8
~~13.59~~ ~~4~~15.2
~~1.45 E.~~ ~~15.45~~
~~14.05~~
~~1.40~~

14 19
31

(35)
15.45 1.35 E
8.35 14.9 +16.2
1.36 Est 6.8 14.11

Tues. June 11. '07

T. Urs Maj 123160.

12.24 +59.5 2:5

8.45 14.12 +60.5

14.25

1.48 W. Est. 9.5

star q + r easily seen;

star t, well seen;

, t 4 u, u 1 w, w 6 x,

x 4 y, y barely seen

R. S. Urs Maj. 123459.

14.20.

8.55 Est. b 3 4 c 2.14

+59.7

a 6 b, 5 c, 4 d, 3 d', 5 e, 4 e', 5 g,

6 h, 7 k, 5 l, l 3 n, 6 m, 3 o, 6 p.

S. Urs Maj. 123961

2.6

+62.3

9 Est 8.0

n 6 o, 4 p, 8 q, 6 r, 5 s

054974 V Camelop

5.45 +74.0 8.59

14.37 +75.2

9 5 8.52 W. Est. p 3 N 14.48

1907phae.proj..67OC

Tues. June 11 '07

S. Lyncis 063558

9.10 6.34 +57.2 3.42 W
14.49 +58.8
8.15 W. Est. p 3 var. 14.55
var barely seen

R Lyncis 065355

6.49 +55.0 3.53
14.56 14.49
9.15 8.07 W Est 13.3 +56.2
var diff to est. due to faintness

103769 R Urs. Maj

9.25 10.32 +69.3 5.30 W
15.01 +69.9
4.29 W Est 13.0 15.61

Y Virginis 122803

~~12.34~~ 12.31 -3.5 2.45 W
9.30 15.8 -3.4
2.37 W Est 13.4 15.15

130212 RV Virginis 2.16 W

9.32 13.0 -12.5 -12.2
15.11
2.15 W Est 9.3 N 15.09

June 11 Tues '07

132706 S. Virginis

9.35 13.25 — 15.20 / 1.55 W — —5.5 — Est 11.4 — 1.55 W / —6.2 / 15:22

135908 R R Virginis

9.40 13.57 / 15.23 / ~~.29~~ / 1.26 W — —8.5 — Est 13.3 — 1.28 W / —8.2 / 15:27

140412 Z Virginis

9.46 14.2 / 15.28 / 1.26 W — —12.6 — Est 10.7 — 1.26 W / —12.2 / 15:30

V Librae 143417

10. ~~14.32~~ / 14.31 / 15.31 / 1' W — —17.2 — Est 9.6 — 1 W / —16.6 / 15:34

R S Virginis 142205

10.10 14.24 / 15.35 / 1.11 W — +5.4 — Est 3 var — 15:40 / +5.8 / 1.18 W

June 11 '07

141113 z Boötis

14.0 +14.6 1.44 N

10.15 15.41 14.3

1.41 N. ~~St. mag~~ 15.46

k 4 m, 3 l, 6 m. Sat m 0.4 l.

150018 RT Librae

0.56 N.

−18.5

10.20 15.0 −17.6

15.48 15.56

.48 N m5 N

16.15

T. Librae 150579

15.4 −19.4 .56 N

15.56 −19.0

10.23 16.1

.52 N. St k' 2 var

Y Librae 150605

15.4 −5.0 1.2 N

10.25 16.2 −4.8

.58 N. Sat h 3 3 k 16.8

Y Librae 151520

0.58

10.30 −19.9 −19.4

15.13

16.9 N Sat 9.4 16.13

.56

1907phae.proj..67OC

Tues June 11 '07

R. S. Lyrae 15 1822

10.40 ~~15~~ 15.18 −22.0 1.1 W
16.14 −22.2
[illegible] g6 h3 k 6l. 16.19
.56 W Est e 3 0 b

R U Lyrae. 15 2714

10.45 15.28 −14.3 −14.2
16.20 W h6 k, 5l, 6m 16.28
.42 Est. e 2 2 f 1.2 W.

X Lyrae 15 3020

−20.5 1.3 W
10.47 15.27 −20.2
16.29 W Est 12.0
1. 2

155018 R R Librae

15 48 −17.9 ~~9~~
11 07 16 38 −17.4
0 .50 W Est 9.6 16.41
0.52 W

155823 R Z Scorpii ~~[illegible]~~

Est f 2, 2e 16.52
15 58 −23.2 0.56 W
11 17 16 43 −23.2
~~0 15~~ W c6 α4 ~~d~~ e 4f 5d 6g
0 45 g6 α'

June 11, 1907

160021 Z Scorpii
15 57 -21.4 16:57
16 57 -20.8
1 00 0:58 W
11 22 est e 3,0 f

160221 X Scorpii
16 0 -21.0
16 58 17:01
11 26 0 58 W -20.6
est e 3,3 f 0:59 W

160524 RX Scorpii
17:7
16 6 -24.0 1:1 W
11 33 17 3 -23.8
0 57 W est d 2,2 f

161122a R Scorpii
-22.2
16 8 -22.6 1:0 W
11 36 17 8 17:11
1 0 W
est = 13.3

161122b S Scorpii
11 38 Var susp = 13.2

June 11, 1907

161607 W Ophiuchi

16 15 −7.1 1.0 W

17 13 −6.7

114³ 0 58 W S.T. = 17.16

est l3 var var diff to est.

U Serpentis 160210

17.22

1149 16 1 +10.2 +10.6

17 18 1.20 W

1 17 W o2, 2 f

154715 R Librae

15 46 −16.4 1.41 W

17 25 −15.4

1 39 W 17.28

var thought to be correctly identified

1155 est = α 3, 3 β

144918 U Bootis

+18.6

14 48 +18.3 17.33

17 30 2.45 W

2 42 W

1200 est 10.5

34 602

3 58 L.P.P.

38 213

— 29

(Tues.) June 18, 1907

L.C. Obs. & Rec. J.D. 7745

163266 R Draconis

16 26 +67.4
14 26
2 0 E

8 25 Too cloudy & hazy

9 50 Too hazy & cldy to continue

(Wed.) June 19, 1907

L.C. Obs of Rec J.D. 7746.

164715 S Herc.

S.T. = 17:15
H.a. 0:28 W
Dec = +15:7

16 45 +15.2
17 12
11 10 0 27 W est 11.3

165631 ~~R~~ V Herculis

17:20
+31.8
0:25 W

16 5 6 +31.1
17 16
11 15 0 20 W est n b ran 00 (var to ft)

171401 Z Ophiuchi

17:37
+2.2
0:24 W

17 14 +1.5
17 21
0 7 w
11 32 est g 3, 3 h

RT Oph. 175111

0:5 E
17:45
+11.8

17 50 +11.0
17 40
11 41 0 10 E 35 var var ft

RY Oph 181103

17:57
+4.2
0:13 E

18 11 +310 o 3 n
17 48
11 52 0 23 E

a 4 b 3 c 5 d 4 e 6 f 3 k 5 g 4 h
h 6 l 2 m 4 n 5 o

June 19, 1907

181136 W Lyrae

18 6 + 36.6 18.3
18 0 + 37.4
11 58 0 6 E 0.7 E
~~est 8.0~~

182224 SV Herculis

18 22 + 24.6 18.11
18 5 + 25.6
0 17 E 0.10 E
a 4 b 4 c ~~6 x 5 e~~
1 26 c 5 c' 4 d 5 e 6 e' 5 f
f 4 g 6 h 5 k

k, n If correct star is marked as var on chart, none is seen in that place. Look up.

RZ Herc. 183225

18 31 + 26.0 18.17
18 13 + 26.6
0 18 E 0.14 E
12 11 est l 5 var

RY Lyrae 184134

18 40 + 34.4
12 22 18 18 Can't find region
0 22 E

June 19, 1907

6	608	
2	60	L.P.P.
20	233	
	29	

(Fri) June 21, 1907
L.C. Obs. JD-7748

8 00 Some clouds, haze & br moon.

R Corvi 121418
12 8 −16.7
14 38
8 20 2 30 W Too cldy & hazy

SS Cygni 213843
21 37 +43.6 14 52
14 47 +4 38
6 50 east 6.44 E
8 35 ~~est 8.4~~
Diff to est, but considered fair

1 − 609
− 60
− 233
− 29

L.P.P.

(Thurs) June 27, 1907

JD 7754 L.C. Obs.

7 45 Twilight too strong

R Leo Min 090934
9 34 +35.7
14 54
5 20

8 35 Twilight too strong

U Virginis 124606
12 42 +6.0
15 02
2 20 W

Dec +6.7
S.T. 15:9
H.A. 2:24W

8 45 est 12.8
stars diff to est

122803 Y Virginis

12 31 −3.5
15 13 est 12.6
8 50 2 42 W

Dec = −3.3
S.T. = 15:15
H.A. = 2:48W

R Corvi 121418

12 8 −16.6
8 55 15 18 est 7.8
3 10 W

−18.2
15:20
3.7 W

June 27, 1907

V Leonis 095421

9 51 + 22.0 + 22.8

9 06 15 23 15.31

5.37 W

5 32 W est 11.5

R Leo Min 093934

+ 35.6

9 34 + 35.8 15.37

9 12 15 34 5.58 W

6 0 W est 12.6

W Leonis 104814

10 44 + 14.4 + 14.8

15 40 15.43

9 18 4 56 W * 4.56 W

est h ≥ 2 k

S Leonis 110506

11 1 + 6.0 + 6.6.

9 25 15 45 15.50

4 44 W 4.46 W

est < 12.9

12 0905 T Virg

− 4.8

12 8 − 5.2 15.57

15 52 3.48 W

9 30 3 44 W

est 12.7

June 27, 1907

S Virginis 132706

13 25 − 6.5
16 05
9 35 2 40 W est 11.3

−6.2
16:5
2:39 W

135908 RR Virginis

13 57 − 8.5
16 07
9 39 2 10 W est (12.7

−8.2
16:10
−2:11 W

Z Virginis 140512

14 2 − 12.6
1.6 12
9 42 2 10 W est 11.7

−12.2
16:13
2:9 W

V Librae 143417

14 32 − 17.2
16 15
9 45 1 43 W est 8.8

−16.7
16:17
1.44 W

150018 RT Librae.

14 58 − 18.6
16 19
9 ~~40~~ 1 21 W

−17.7
16:21
1:22 W

est l 2.3 m diff

June 27, 1907

T Librae 150519

15 4 −19.2 −19.1
16 24 16:25
9 52 1 20 W 1:22 W
est if seen = 12.5

Y Librae 150605

15 4 −5.0 −5.0
16 27 16:31
9 57 1 23 W 1:26 W
est 12.8 if seen correctly
l easily seen

S Librae 151520 −19.6

15 12 −19.0 ~~M~~ 16:36
10 01 16 34 1.22 W
1 22 W
est 9.0

RU Librae 152714 −14.4
15 28 −14.3 16:40
16 38 1:14 W
10 04 1 10 W
est b4.4c

X Librae ~~est~~ 153020

15 27 −20.6 −20.2
10 08 16 42 ~~M~~ 16:44
1 15 W 1:16 W
est 12.2

June 27 1907

moon rising.

W Librae 153215

15 30 -14.0 -15.2
16 48 16:52
10 17 1 18 W 1:22 W
est h 0 var

~~15 36 4 20~~

153620 U Librae

15 33 -20.7 -20.1
16 55 17.00
10 25 1 22 W est h 2,2 k 1.26 W

Z Librae 154020

15 38 -20.9 -20.2
17 02 17:4
10 30 1 24 W est 12.0 1:26 W

R Librae 154715

15 46 -16.2 -15.2
17 07 $17^h 11^m$
1 21 W $1^h 25$ W

10:36 Var not seen.

Glenns June 27, 1907

RR Librae 155018

17 14 -17.9 -17.2
15 48
1 26 W 17h 16m
1 28 W

4
10:52 Est 10.0

RZ Scorpii 155823

17 18
15 58 - 23.9
1 20 W

10:50 Too hazy Brt moonlight

SS Cygni 213843

21 37 +43.6 +43.8
17 25
4 12 E 17h 30m
4 07 E

10:55 Est 8.4

Z Cygni 195849
~~203847~~

19 57 +49.6
17 32
2 25 +50.5

11:00 17h 34
2 24 E

mn 2, 2 m

22 631
3 63
= 233
29 LPP

Friday June 28th 07

7.55 Le. Obs F. Rec.

~~1340~~4 40 R Can Ven.

8.26
13.41
14.54
1.13 W. Est. 11.7
+39.4
1.27 W
+40.4
15.6

~~115919 R Comae~~
122532 T Can Ven
+32.2 2.47 W
8.32
12.24
15.07
2.43 W Est 10.8
+32.2
15.12

R Urs Maj. ~~R Urs Maj~~ 103769
+69.4 4.53
+69.8
15.29
8.49
10.32
15.25
4.53 W. Est 12.8

133273 T Urs Min
+73.0 1.56
8.54
13.24
15.30
2.06 W. Est l3 N
15.34
+74.5

141567 U Urs Min.
1.28
+67.5
+67.8
15.40
9.00
14.15
15.35
1.20 W
a4 b6 c~~8~~2 d5 e6 f3 g3 h4 l3 k
60, 5n, 4m.
Est ~~Var~~ g = 2 h

Friday June 28th 07

153378 S. Urs Min

9.10 15.35 15.35 +79.0 0.11
15.43 +79.5
.08 W Est 8.3 15.53

R Hercules 160118

9. 16.2 +17.5 .07
repair shutter light connecte 15.56 +19.2
0.06 E Est 10.0 15.8

160210 U Serpentis

16.1 +10.3 16.12
9.30 0.10 W
16.9 Est l4.0m +10.8
.8 W.

S Hercules 162807

+7.0 +7.7
9.46
3 16.26 0.11 E
16.13
.13 E Est l3.3m 16.16

RU Hercules 160625

16.4 +25.9 0.16 W
9.40 16.17 W Est l2,02 +25.8
.13 16.20

June 28th 07

16 11 38 W Coronae

16.8 +38.5 14 W
9.45 16.22 +39.8
·14 W. Est 10.5 16.25

U Herculis ~~Hst~~ 16 21 19

16.16 19.5 0.13 W
9.53 16.26 16.33
·10 W Est. 8.3 +19.5
var quite bright & red.

W Herculis 16 31 37

16.30 +37.4 0.5 W
9.56 16 34 +38.4
4 W. Est 12.8 16.36
20

155823 RZ Scorpii

51 W
15.58 06 −23.2 −23.2
10.9 16.39 16.49
·41 W Est f 3 3 g
20
69

RR Scorpii 16 05 24

16.6 −24.0 ·51 W
16.13 16.51 −23.8
·45 W Est g 3, 3 h 16.55

June 28 '07

ζ Scorpii 160021

10.16 15.57 −19.4 −20.8 .59
16.55
.58 W Est b 2,3 c 16.58

160221 χ Scorpii

10.20 1.0
−20.7

Est e 2,3 f

T Ophiuchi 162815

16.25 16.25 −15.8 0.38 W
17.2 −15.4
.37 W Est g 3,3 k 17.6

R Scorpii 161122a

16.9 −22.6 0.57 W
17.6 17.8
10.30 .57 W Var not seen ~~[illegible]~~ > 12.5

S Scorpii 161122b

10 31 Est. 12.2

June 28 '07

164319 RR Ophiuchi

16.40 —19.0 31.W

10.23 17.10 -18.6

.30 W Est 11.0 17.13

R Ophiuchi 170215

.18 W.

~~17.1~~ 16.58 —16.2

17.14 -15.3

10.39 .16 W Est 125 17.19

174406 RS Ophiuchi

17.44 -6.9 .19 W

10.50 17.20 17.42 -5.8

24 E. 17.21 17.30

21 E Est 11.5

[illegible] ~~[illegible] W Ophiuchi~~

161607 W Ophiuchi

16.13 —7.8

17.32

1.19 W abandoned cant identify

170627 RT Herculis

.44

+27.4 +27.8

17.4

11 7 17.44 Est 11.5 17.47

40 W

June 28th, 1907

171723. RS Herculis

17.18 +23.1

11 10 17.48 33.1

.30 W. Est d2, 3e. +23.6

17.50

175111 RT Ophiuchi

17.50 +11.0 32.W

11 14 17.50 17.54

0. Var not seen +11.8

~~fa~~ > 12.2

~~St 11.8~~

213843 SS Cygni

11 20 21.37 +43.6 ~~38 E~~

17.55 +44.0

3.42 E Est 8.6

Too cloudy & hazy to continue

24 655

3 66

12 245

— 29

L.P.P.

July 1, 1907 (Monday)

J.D. -7758   L.C. obs.

8 00 Too cloudy

8 30 Still cloudy

140113 Z Bootis

16:02

14 0 +14.6   2:02 W

15 55   +14.3

9 11   1 55 W   est 10.7

162816 S Ophiuchi

3   2

16:12

16 28 -16.8   0:18 E

16 6   #-16.2

9 21   ~~20~~ E   est d=, 2e

0 17 E

160519 W Scorpii

16:16

16 2 -19.7   0:12 W

16 14   -19.2

9 25   12 W

m 3 N   hazy

142205 RS Virginis

16:25

14 23 -5.5   2:3 W

16 19   + —

9 34   1 56 W   p=, 2q

July 11, 1907

161607 W Ophiuchi

16 15 − 6.8 16:30
9 40 16 26 0:15 W
11 W est h 2, 3 k −6.8

175111 RT Oph

16:36
17 50 + 11.0 1:16 ε
9 46 16 32 + 11.8
1 18 ε est 12.2

RY Herc. 175519

17 55 + 19.0 16:47
9 57 16 40 + 20.0
1 15 ε γ 3, 3 δ 1:7 ε
γ 6 δ 5 a

10 00 R Coronae b 2, 1 c + [illegible] 15 44 28

181136 W Lyrae

18 15 + 36.0
16 52 + 36.2
1 23 ε 1:6 ε
10 11 est Var 5 a = 7.3 17:1

July 1, 1907

RZ Herc 183225
18 31 +260 17:14
17 6 +266
10 24 1 25 E 1:18E
est l0,5 m

184134 R J Lyrae
18 40 +34.5 17:22
17 17 +354
10 32 1 23 E 1:17E
u 3 N

RW Lyrae 184243
18 40 +43.4 17:30
17 25 +442
10 40 1 15 E est 11.7 1:11E

185032 RX Lyrae
18 48 +328 17:40
17 32 +336
10 50 1 16 E 1:11E
g 3 N

185634 Z Lyrae
18 52 +34.6 5m
17 42
11 00 1 10 E Can't find region
abandoned
11 00 Observer head aches too badly to continue alone.

July 1, 1907

δ¹ δ¹ Cygni 21 37 +43

21 37 +43.6
17 45
3 52 E

11 10 g 3,3 h 98 +43.9
17:58
3',40 E

Ledgered J.E.G.

12 667
3 69
— 245
— 29

Tuesday, July 9, 1907

E. S. M. Obs.

170215 R Ophiuchi D 7766

10 37 Est 12.4

17 02 −16.0

ST 18 09
HA 1 08 W
δ −15.3

1. 668
– 69
– 245
– 29

L.P.

Sat. July 27, 1907

L. C. Obs. J.D. 7784

S Herculis 164715

16 45 +15.2 0' 48 W

17 25 +16.2

9 05 0 40 W Est 11.5 S.T. 17:40

— Coronae 155229

15 50 +29.9 2:01 W

17 42 +29.8

9 22 1 52 W a4 b4 c5 d3 d4 f 17:55

5 g 4 h 5 k 5 l 6 m 6 n

l 4 var 2 m

154536 X Coronae

18:1

15 46 +36.1 +36.8

17 58 est var = l2, 2 m +2:14 W

2 12 W

9 28 e3 f4 g5 h4 k5 l4 m 6 n 6 o 4 p

160118 R Herculis

16 1 +17.4 18.7

18 5 +18.8

9 34 2 4 W est 11.5 2: ? W

162807 SV St Herculis

18:22

9 49 16 26 +7.0 +7.4

18 10 1.53 W

1 44 W est d' 3, 3 e

July 27, 1907

W Herc. 163137

16 30 + 37.4 | 18:30
9 57 18 25 | +37.7
1 55 W est l 3.8 | 1:57 W

RV Herculis 165631

16 55 + 31.0 | 18:37 +31.6
10 00 18 32 est ~~fg~~ 2, 3 r | 1:39 W
1 33 W

182224 SV V Herculis

18 12 +24.6 k 5 N | 18:52 + 25.0
10:19 18 42 | 0:28 W
0 30 W

18 $\overset{3}{\cancel{5}}$225 R Z Herculis.

18 30 +25.5 | 17:00 +26.3
10:27 18 55 | 0 26 W
0 25 W Est l 3, 3 m

184134 RY Lyrae

18 40 +34.4 | 19 08 +34.8
10 35 19 04 | 0 25 W
0 24 W

Est c 2, 7 d
Stars diff. to est.

July 27, 1907

184243 R W Sagittae

18 40 +43.4 19h13m
10h39 19 10 +43.8
0 30 W 0 28 W
Est 11.8

185032 R X Sagittae

18 48 +33.0 19h19m
10h45 19 11 +32.8
0 23 W 0 27 W
Est. g 6 var.
Var quite diff. to est.

11 679
1 20
22 267
— 29

L. P. P.

July 26, 1907.
mirror ? silvered & put in
place.

July 27. 1907.
Small flat mirror
silvered & re-placed.

Monday, July 29, 1907.

J.D. 7786

L. C. Obs. Bowie Rec.

	130212	RV Virginis		
8 30	13 00 17 15 4 15 w	− 12.4	Region too low	
	153620	U Librae		
8 44	15 33 17 18 1 45 w	−20.7	Est. 10.5	1 51 W 17 25 −20.4
	154020	Z Librae		
8 50	15 38 17 28 1 50	−20.7	Est 11.0	1 52 W 17 32 − 20.3
	155018	RR Librae		
8 57	15 48 17 34 1 46	$-1\overset{7}{7}.9$	Est 12.2	1 49 W 17 39 −17.4
	160519	W Scorpii		
9 2	16 3 17 41 1 38	−19.8	Est. 03 N	1 36 W 17 43 −19.6

July 29, 1907

160221 X Scorpii

9 5 Est # h 2, 2K 1 41 w
17 46
-20.8

161122a R Scorpii

16 9 -22.6
9 19 17 49 Est. 14.2 147 w
1 40 var. barely seen 18 00
-22.4

S Scorpii
9 20 Est. 10.2

161607 W Oph.

16 15 -7.1
9 25 18 3 1 49 w
1 48 Est l 3, 3m 18 6
-7.1

162815 T Oph.

16 24 -15.8
9 28 18 8 1 40 w
1 44 l 3, 1m 18 10
-15 8

July 29, 1907

16 28 16 S Oph

9 33 ~~16~~ — 1 45 w

bst l 3, 2 m — 18 14

-16.7

15 58 23 RZ Oph.

15 57 -23.5 — 2 25 W

9 43 18 16 — 18 24

2 19 w bst. ~~x~~ k 3 var. — -23.6

16 05 24 RX~~X~~ Scorpii

2 21 W

9 46 bst. l 2 2 m. — 18 27

24.4

16 23 19 Y Scorpii

16 19 -18.2 — 2 14 w

9 57 18 30 — 18 39

2 11 w Delta 2, 3 E — -18.8

18 55 12 ~~S~~ T Sagittarii

18 54 -12.0 — 0 2 E

10 13 18 43 — 18 54

0 11 E bst. s 2, 3 t — -12.6

July 29, 1907

19 13 19 S Sagittarii

10 20 19 10 −19.0
18 57 Est 125
0 13 E

0 13 E
19 1
~~−189~~ −18.8

19 10 07 U Aquilae

10 24 19 7 −7.4
19 3
0 4 E Est. n 5 var.

0 5 E
19 5
−6.8

19 46 04 X Aquilae

19 46 +4.0
10 32 19 7
39 E Est. 12.0

0 34 E
19 14
+4.6

19 10 33 RY Sag.

19 8 −33.7
10 39 19 17 c 0,3 d
0 9

0 11 W
19 20
−33.4

19 52 02 RR Aquilae

19 51 −2.5
19 22
10 43 0 29 E Est. e 3.3 g

0 28 E
19 25
−1.7

July 29, 1907

		19 53 08	RS Aquilae	
				0 25 E
10	48	19 51	−8.0	19 30
		19 27	Est. 14.0	−7.7
		0 23 E		
		18 56 34	Z Lyrae	
		18 52	+34.6	0 44 W
11	0	19 34	Est 2 4 2f	19 42
		0 42 W		+35.4
		18 57 37	RT Lyrae	
		18 56	+37.6	
		19 45		
11	5	0 49	Stopped by clouds Too cloudy to continue	

20 699
1 71
— 267
— 29

L.P.P.

Tuesday, July 31, 1907

L. C. Obs. Bowie Rec. J.D. 7788

134440 R Can. Ven.

13 41 + 39.2 — 3 10 W
8 7 16 52 — 16 55
3 11 w Est. 12.0 — +40.0
Sky somewhat hazy and light cloud

135908 RR Virginis

3 3 W
13 59 −8.6 — 17 3
8 14 16 58 — −8.2
2 59 w Est < 13.5

140512 Z Virginis

. 3 2 W
14 2 −12.6 — 17 7
8 18 17 5 — −12.6
3 3 w Est. 12.5

142205 RS Virginis

14 24 +5.5
8 21 17 9 — 2 47 w
2 45 w mo, 50 — 17 10
+5.5

150018 RT Librae

14 58 −18.5
8 25 17 12 — 2 13 W
2 14 w h2, 2k — 17 14
−8 0

July 31, 1907

		150519		T Librae	
					2 12 W
		15	4	−19.2	
8	29	17	16		17 18
		2	12 W	est 11.2	−19.4
		150605		Y Librae	
		15	4	−5.0	2 15 W
8	33	17	20		17 22
		2	16 W	P 5 var. var. barely seen in haze	−5.5
		153020		X Librae	
		15	27	−20.6	1 57 W
8	39	17	26		17 28
		1	59 W	Var barely seen if seen = 13.2	−20.4
		153620		U Librae	
		15	33	−20.7	
8	43	17	30	Abandoned. Too cloudy	
		1	57 W		
		182306		T Serpen	
		15	21	+6.1	0 48 E
8	47	17	34	est. 9.3 2r	17 36
		0	47 E:		+6.6

		21 38 43	SS Cygni	
				3 57 E
8	54	21 37	+43.6	17 43
		17 37	kat. 11.6	+43.~~6~~7
		4 0 E		
		17 55 19	RY Herculis	
		17 54	+19.6	
9	0	17 45		0 7 E
		0 9 E	kat. a 0 var	17 49
				+19.8
		18 57 37	RT ~~Librae~~ Lyrae	
		18 56	+37.6	1 5 E
9	6	17 51		17 54
		1 5 E	a 2, 2 b	+37.9
		19 05 29	V Lyrae	
				1 5 E
9	12	19 3	+29.8	18 1
		17 56	θ 3 N	+29.8
		1 3 E		
		19 09 25	S Lyrae	
				0 56 E
		19 2	+26.1	18 13
9	24	18 3	p 3 N	+26.4
		0 59 E		

July 31, 1907

		19 09 33	RS Lyrae	
		19 7 +33.0		0 53 E
9	29	18 16		18 17
		0 51 E	d 2 N	+33.5
		19 09 41	RU Lyrae	
9	33	19 10 +41.0		0 49 E
		18 19	Lambda 2, 2 θ	18 21
		0 51 E		+41.6
		19 13 50	TZ Cygni	
		19 14 +49.5		0 47 E
9	29	18 24		18 28
		0 50 E	Est. 10.5	+50.3
		1916 37	U Lyrae	
				0 44 E
		19 17 +37.6		18 34
		18 30		+38.2
9	45	0 47 E	Est. Sta 4, ~~4~~ 3 θ	
		19 29 28	TY Cygni	
				0 53 E
9	48	19 28 +28.1		18 37
		18 36	Est. 10.6	+28.6
		0 52 E		

July 21, 1907

	19 58 49	Z Cygni		
	19 57	+49.6		1 20 E 18 40
9 51	$\frac{18\ 39}{1\ 18}$ E		Est 12.3	+50.1
9 55	Sky too cloudy to continue with advantage			

16 >15 L. P. P.
4 75
= 267
= 29

(Wed.) Aug. 28, 1907

LC Obs. OW Rec. JD 78 16

Cluster 6656 = NG.

18 30 - 24.0
18 5
0 25 East

Focus left as found.

7 40 Examination of this cluster made by Prof. Pickering and Mr. Gould.

150519 δ Librae

18 32
3 32 W
-19 2

7 57
15 4 -19.0
18 30
3 26 W Est. 12.8

Region low and estimate difficult

150605 δ Librae

15 4 -5.0
18 34
3 30 W Impossible to identify region

3333

Aug. 28 1907

W. Scorpii.
160519

18 58
2 48w
16 3 −19.8
8 15 18 44 −19.8
2 41 W
Est. p 2,2 q

S' ~~R + S.~~ Scorpii. Est 10. 8 161226
161122a R Scorpii Est Fainter than 13.0 18 54
8 10 16 9 −22 6 2 39
~~S~~
−22 5

W. ~~S~~ R. X. Scorpii
160524

x8 20 16 5 −24.5 19 2
19 0 2 53W
2 55 W Est ~~x~~ m 5 v −24.4
Var. barely seen

8 21 161607 W Ophiuchi
16 15 −7.1 19 6
19 4 2 47W
2 49 W Est ~~x~~ k 2, 2 ~~H~~ h. −7.2
162319 Y. Scorpii

8 25 16 21 −18.5 19 9
19 7 2 43W
2 46 W Est. v 0,53 −18.6

Aug 28 '07

		162815			T. Ophiuchi		
8	27	16	24	−15.6		19	12
		19	10			2	41 W
		2	46 W		Est $\overset{l}{L}$ 6 Var.	−15.3	
		162816			S. Ophiuchi		
		16	28	−16.9			
8	31	19	14			19	16
		2	46 W			2	45
					Est. $\overset{q}{L}$ 2, 2 $\tilde{R}$.	−16.8	
		191033			R. Y. Sagitarii		
		19	8	−33.7		19	20
8	35	19	28			0	8 W
			−10 W		Est ~~b~~ 2, 4 c	−33.2	
		170215			R. Oph.		
		17	2	−15.5		19	23
8	39	19	21			2	15 W
		2	19 W		Est 13.5	−15.6	
		191007			W. Aquilae		
8	45	19	7	−7.4		19	26
		19	25			0	14 W
		0	18 W		Est n 4.10	−6.7	

Aug. 28/07.

		185512		S. T. Sagittarii	
		18 53	−12.5		19 35
8	54	19 29			0 37 W
		0 36 W		Est. w 3, N	−12.4
		164715		S. Herculis.	
8	59	16 45	+15.2		19 41
		19 36			2 50 W
		2 51 W		Est. 12.7	+15.3
		163137		W. Herculis.	
9	4	16 30	+37.0		19 45
		19 42			3 9 W
		3 12 W		Est. 13.6	+37.7
		165631		R.V. Herculis	
9	7	16 55	+31.0		19 49
		19 46			2 49 W
		2 51 W		Est 9.6	+31.7
		103769		R. Ursæ Maj.	
9	21	10 31	+69.2		20 3
		49 50			9 48 W
		9 19 W		Est. 12.0	+69.4

Aug. 28/07.

		133273		T Urs. Min.	
9	28	13 32	+74.0		20 10
		20 4			6 27 W
		6 32	W	Est. m b var.	+74.0
		134440		R Can. Ven.	
		13 41	+39.2		20 15
9	33	20 12			6 27 W
		6 31	W	Est 11.5	+40.3
		021218		Z. Cephei	
		26 0	+81.0		
		20 16		Abandoned.	
		5 44	E.		
		182306		T Serpentis	
		18 21	+6.2		20 33
9	51	20 25			2 6 W
		2 4	W	Est s 3, 2 u	+6.5
		195202		R.R. Aquilae	
10	.5	19 51	-2.6		20 47
		20 35			0 51 W
		0 44	W	Est f 2, 4 g	-1.8

Aug. 28/'07.

		195308		R. S. Aquilae.	
10	8	19 51	−8.2		20 50
		20 48			0 53 W
		0 57 W		Estd var ~~V~~ < 13.5 ~~var~~	−7.7
		194604		V. Aquilae.	
		19 46	+4.0		20 54
10	13	20 51			1 5 W
		1 5 W		Estd. p 5 var	+4.5
		200514		R. Capricorni	
		20 2	−14.7		21 0
10	18	20 57			0 51 W
		0 55 W		Estd 13.7 Var. barely seen	−14.2
		200822		W. Capricorni	
		20 6	−22.4		21 7
10	26	21 0			0 56 W
		0 54 W		Estd n 3 ve	−21.8
		200906		Z. Aquilae	
					21 12
		20 7	−6.8		0 59 W
10	30	21 9			−6.0
		1 2 W		Estd p 5 var Var. barely seen	

Aug 28/07.

202622 R. H. Capricorni

20 24 −22.5 21 15
10 33 21 13 0 45W
0 49 W Est o 5 var −21 7

204215 H. Capricorni

20 41 −15.0 21 19
10 37 21 16 0 34W
0 35 W Est 11.2 −14.4

210124 V. Capricorni

21 0 −25.5 21 23
10 41 21 20 0 18W
0 −20 W. Est 10.8 −23.9

200812 R. H. Aquilae

20 06 +12.5 21 28
10 46 21 24 0 17W
1 19 W Est 11.2 +13.0

204318 V. Delphini

20 41 +18.7 21 33
10 51 21 28 0 47W
0 47 W Est. ~~11~~ 11 +19.2

26 41
20 80
— 267
— 29

Aug. 29 /'07. (Thursday)

L.C. Obs. O. Housby Rec.

JD 7817

		142205			R. S. Virginis	
		14	24	+5.4		18 13
7	29	18	09			3 49W
		3	45 W		Est. e 2, 4 f	+5.6
		150018			R. T. Librae	
		14	58	-18.5		18 19
7	34	18	14			3 15W
		3	16 W		Est c 3, 2 d	-18.4
		150605			Y. Librae	
		15	4	- 5.0		18 21
7	37	18	19			3 13W
		3	15 W		Est 13.2	-5.6
		151822			R. S. Librae	
7	40	15	14	-22.5		18 25
		18	22			3 5W
		3	8 W		Est. f 2, 3 g.	-22.4
		152714			R. U. Librae	
		15	28	-14.3		18 27
7	43	18	25			2 58W
		2	57 W		Est b 2, 4 c	-14.6

Aug. 29 /07.

		153020			X. Librae	
		15	27	−20.6		18 30
7	45	18	28			2 58 W
		3	1	W	Est 12.5	−20.5
		153620			U. Librae	
		15	35	−20.6		18 32
7	48	18	30			2 55 W
		2	55	W	Est e4, 2f	−20.6
		153215			W. Librae	
		15	30	−15.5		18 37
7	53	18	33			3 4 W
		3	-3	W	Est. h2, 2k	−15.8
		154020			Z. Librae	
		15	38	−20.7		18 40
7	56	18	38			2 58 W
		3	0	W	Est 13.0	−20.6
		155018			R.R. Librae	
		15	48	−17.9		18 43
7	59	18	41			2 51 W
		2	53	W	Est. 13.8	−17.8

Aug 29/'07

		144918		U. Bootis	
		14 48	+18.3		18 51
8	7	18 44			4 0 W
		3 56 W		Est 12.5	+18.2
		160118		R. Herculis	
		16 0	+18.8		18 55
8	10	18 52			2 51 W
		2 52 W		Est. 12.8	+18.8
		160625		R.U. Herculis	
		16 04	+25.9		18 57
8	13	18 55			2 50 W
		2 51 W		Est. g 2, 4 h	+25.6
		155229		— Coronae	
		15 50	+29.9		19 0
8	16	18 58			3 6 W
		3 8 W		Est. o 5 Var. Var. faintly seen	+29.7
		191321		Z. Sagittarii	
		19 11	−21.2		19 14
8	29	19 1			0 2 E
		0 10 E		Est. p 5 N	−20.8

Aug, 29 /07

		16 11 38		W. Coronae	
8	33	16 8	38.5		19 18
		19 14			3 4W
		3 6	W	Est. o 2, 2 p.	+38.3
		17 06 27		R. T. Herculis.	
		17 04	+27.4		19 22
8	38	19 19			2 14W
		2 15	W	Est k 2, 2 l	+27.2
		17 55 19		R. Y. Herculis	
		17 54	+19.6		19 25
8	41	19 23			1 29W
		1 29	W	Est. c 3, o d.	+19.6
		18 22 24		S. V. Herculis.	
		18 22	+24.6		19 29
8'	45	19 26			1 5W
		1 4	W	Est. n 5. N	+25.9
		h 4 k 5 l 5 m 4 n			
		18 41 34		R. Y. Lyrae	
		18 40	+34.5		19 32
8	49	19 30			0 49W
		0 50	W	Est. e 3 N	+34.6

Aug. 29 /07.

		185032		R. X Lyrae	
8	53	18 48	+32.8		19 37
		19 33			0 45W
		0 45	W	Est g6 N	+32.6
		185737		R. T. Lyrae	
		18 56	+37.6		19 45
9	0	19 40			0 45W
		0 44	W	Est b3 N	+37.7
		190529		V. Lyrae	
		19 03	+29.6		19 52
9	8	19 48			0 45W
		0 42	W	Est c2 N	+29.5
		190925		S. Lyrae	
		19 08	+25.5		19 55
9	12	19 52			0 45W
		0 44	W	Est. q 2, 2 r	+25.8
			o 5 p 4 q 4 r 5 s - r + s added to-night		
		190933		R.S. Lyrae	
		19 07	+33.0		20 4
9	20	19 57			0 52W
		0 50	W	Est d2 N	+33.7

Aug. 29/07

		190941		R. W. Lyrae	
		19 10 +41.0			20 10
9	26	20 5		δ	0 58 W
		0 55 W		Est. ~~delta~~ 2,2X γ	+41.2
		195849		Z. Cygni	
		19 57 +49.6			20 15
9	30	20 11			0 15 W
		0 14 W		Est. y' 3,3 z	+15.2
		180666		X. Draconis.	
		18 06 +65.9			20 20
9	35	20 15			2 12 W.
		2 09 W		Est o 6 Var.	+66.5
		18 05 65		W. Draconis	
					20 21
9.	37				2 16 W
				Est. h 2, 3 k	+66.3
		20 15 20		V. Sagittae	
		20 12 +20.8			20 33
9	49	20 27			0 16 W
		0 15 W		Est. 12.3	+21.2

Aug. 29/07.

20 28 17 Z Delphini

20 26 +16.3 20 39

9 55 20 34 0 09W

0 08 W Est. a 3 U +17.7

20 50 17 X Delphini

20 48 +17.4 20 42

9 58 20 40 0 10 8

0 8 E Est. 13.0 +17.7

– Delphini = Sus. Var slightly preceding + north of X. ~~W~~

9 59 20 44

Invisible ~~W~~ < Rho.

20 03 57 S. Cygni

10 5 20 19 58 +57.7 20 54

20 44 0 45W

0 46 W Est ~~W~~ < 14.0 +58.0

20 11 30 S.X. Cygni

20 ~~28~~ 10 +30.4 21 5

10 22 21 00 0 54W

0. ~~27~~ W Est. d 2, 2 e 31.2

0 50 W

Aug. 29/'07.

		201437 B		W.X. Cygni	
10	25	20 12	+37.6		21 10
		21 6			0 54 W
		0 54 W		Est. k 2, 2 l	37.2
		203847		V. Cygni	
		20 36	+48.3		21 16
10	32	21 10			0 37 W
		0 34 W		Est. 12.5	+48.0
		205030		U.X. Cygni	
		20 50	+29.6		21 24
10	40	21 17			0 32 W
		0 -27 W		Est a 3, 3 b	30.2
		210129		T.W. Cygni	
		20 57	+28.5		21 28
10	44	21 24			0 26 W
		0 27 W		Est. m 5 n	29.2
		210382		X. Cephei	
		21 8	+82.4		21 33
10	54	21 29	29 770 11 91 [illegible] 275 — 29	Est r 3, 0 s	0 23 W
		0 21 W		10~~8~~	+82.8

Mon. Sept. 16, 1907

L.C. Obs. & Rec. J.D. 7835

S.S. Cygni 213843 S.T. = 19:22

21 37 +43.6 Dec +43.8

7 28 Est 12.0 19 10 HA = 2:18 E

2 27 East

8 15 Too cloudy to continue RPB

Thursday Sept 26, 1907.

L. C. Obs.

Bowie Rec

J.D. 7845

204846 RZ Cygni

20 43 +47.2
22 ~~24~~ 30 2043
1 41 W 22 38
1 47 1 55

204846 RZ Cygni

22 43
10 9 20 43
22 40 C 2 3 m ~~76~~ 1 591W
1 57 W
+47.2

20 5030 UX Cygni

22 49
10 15 20 50 +29.6 1 56 W
22 45
1 55 W Zeta 5 var. +30.1

19 16 37 U Lyrae

22 54
10 20 19 17 +37.6 3 36 W
22 52
3 35 W α 2 2 B +37.9

19 58 49 Z Cygni

10 24
19 567 +49.6 22 58
22 56 2 56 W
2 59 W Est. 13.7 +50.0

Sept. 26, 1907

18 41 34 XY Lyrae

18 40 +34.5
22 59
4 19 W

Abandoned: shutter does not work

20 δ Delphi

Abandoned

21 03 82 X Cephei

23 12

10 37 21 8 +82.5 2 0 W

23 4 ~~Sept~~ 9 2 4 S +83. 2

1 56 W

5 775
— 91
— 275
— 29

L.P.P.

Mon. ~~Sept~~. 30, 1907
L. C. Obs.   J.D. 17849

S.D. — 10.4713

18 23 −10.9
20 03
1 40 W

Star found to be too badly out of shape, due to water on mirror, to allow of examination tonight

7 25 for coronal nebula.

V V Cygni. 210245 Algol Var

20 58 +45.3   20 ~~18~~. 21
7 31 20 18   n 4, 2.0 7.6   +45.9
0 40 East   0.43 E

S S Cygni 213843

21 37 +43.6   20 ~~48~~ 3
7 ~~48~~ 20 25   +43.7
1 12 E.   est 120   1.3 E

RR Pegasi 214024

+24.8
21 38 +24.0   0.51 E
8 00 20 43   est f 2.3 β   20.50
0 55 E

7849

Sept. 30, 1907.

Sowie Rec.

210245 UU Cygni

0 9 E
8 5 21 4 +45.9 0 1 4 P 9.5 20 55
20 54 +45.9
1 0 E a5 b3 d 2 c 3 e 6 f 3 g
4 h 3 k 0 l 5 m 4 n 6 0 3 p 3 q. q easily seen

210245 UU Cygni

o3 0p 4 q = est. on var 12.7
8 12

204318 U Delphini

0. 22 W
20 41 +18.8 21 6
8 16 21 4 Gamma 1 N
0 23 W +19.5

210812 R Equulei

21 7 +12.4
8 21 21 8 0 2 W
1 W o2 3 ~~t~~ p 21 11
+12.8

201130 SX Cygni

1.5 W
20 11 +31.0 21 18
8 28 21 13 16 ~~31.2~~ est of ~~var~~ h2 +31.2
.1 2 05 2 k / f 5 g 4 h 4 k 5 l

Sept. 30, 1907.

210245 U U Cygni

				0 17 W
8 32	21 4	+45.9		21 22
	21 20		P 3 29 15.4	+45.9
	16			

180666 X Draconis

	18 6	+66.0		3 20 W
8 41	21 24			21 30
	3 18 W		σ 3 N	+66.3

180565 St Draconis

				3 23 W
8 43			m 4 om	21 32
				+66.2

205017 X Delphini

				0 46 W
	20 48	+17.3		21 38
8 48	21 34		bst 12.9	+17.4
	0 46 W			

Snap Var north fol X = Pho 2 var.

Sept. 30, 1907

210245 V V Cygni

0 38 w
8 52 21 4 +45.9 21 42
21 41 p 4 2 q 16.0 +45.9
37

210129 T T Cygni

21 00 +28.5 0 46 w
9 0 21 44 σ 3 N 21 50
0 44 w +29.4

215605 V Pegasi

0 1 w
9 9 21 53 +5.5 21 59
21 52 +6.0 g 5 2 h +6.0
0 1 w

211614 X Pegasi

0 45 w
9 13 21 14 +13.8 22 3
22 00 Est 12.5
0 46 w +14 4

210245 V V Cygni

21 4 +45.9 1 3 w
22 4 22 7
9 17 1 0 w σ 2 1 p 11.5 +45.9

Sept 30, 1907

215934 RT Pegasi

9 21 | 21 58 +34.4 | 22 8 | 0 10 W | h 5 2l | 0 9 W | 22 11 | +35.0

220613 Y Pegasi

9 27 | 22 3 +13.9 | 22 13 | 0 10 W | p 2 var | 0 9 W | 22 17 | +14.4

220714 RS Pegasi

9 30 | o 3 2p | 0 11 W | 22 20 | +14.4

~~0~~ 225914 RW Pegasi

9 35 | 22 58 +14.5 | 22 22 | 0 36 E | k 3 2l | 0 36 E | 22 25 | +15.2

210245 X Cygni

9 40 | 21 4 +45.9 | 22 25 | 1 21 W | 25 | o 1 2p 105 | 1 25 W | 22 30 | +45.98

Sept. 30, 1907.

		23 14 25	H Pegasi	
		23 15 +25.8		0 40 E
9	47	22 33	f 2 3 e′	22 36
		0 42 E	kat. 10.2	+26.0
		23 39 56	Z Cassiop	
		37		0 54 E
9	56	23 38 +55.6		22 46
		22 38 43	n 5 N	+~~66.3~~ 56.3
		1 0 54 E		
		23 50 53	RR Cassiop	
		23 50 +53.0		1 2 E
10	0	22 48		22 50
		1 02	Delta 2 3 E	+53.6
		23 58 55	Y Cassiop	
		23 56 +54.7		1 4 E
10	5	22 51		22 55
		1 5	σ 3 N	+55.7
		21 02 45	V V Cygni	
		21 4 +45.9		1 58 W
10	11	22 56		23 2
		1 52 W	n 2 2 s 6.6	+45.8
		23 0		
		56		

Sept 30, 1907

220412 T Pegasi

10 20 22 2 +12.0 1 5 W

23 4 23 10

1 2 h 2 2k +12.4

Standards near Pole

25

1 0 +88.5

23 30

1 30 Cannot identify region. Abandoned

021403 o Ceti F.G.

10 56 t 2 2u 5.60

25 800

5 96 L. P. P.

18 29.3

— 29

End of fiscal year.

Tues. Oct. 1, 1907

L.C. Obs. JD. 7850

RR Draco 184062 Algol Var

18 36 +62.4 1.12W

19 36 19.54

7 00 1 0W est m 1, 2 n +63.0

200041 WW Cygni Algol Var

19 58 +41.1 0.1W

7 06 19 58 est h2, 1k +41.2

0 0 20.01

ND −10.4713

Examination of this star made by Profs

18 23 −10.9 Pickering and Bailey and L.C. but

20 03 no evidence of coronal nebula could be

1 40 W seen with certainty. Region somewhat low

and star images poor

184062 RR Draconis Bowie Rec

18 40 +62.9 2 11W

8 1 20 52 20 55

2 12W est k2 3 l +62.8

200041 WW Cygni

19 58 +41.1 1 2W

8 9 20 57 21 4

0 59W m 4 1 o +41.5

Oct. 1, 1907

210245 U V Cygni

0 6 w

8 16 21 4 +45.9 21 10

21 5 +45.9

1

k 1 2 l

h 3 k 3 l 6 m 4 n 5 o 3 p 6 q

184062 R R Draconis

2 32 w

8 21 18 44 +62.9 21 16

21 14 +62.9

2 30

h 2 3 k

a 4 b 5 c ~~5 d~~ 3 e 3 d 4 f 6 g 3 h
6 k 6 l 5 m 3 n 5 o

200041 K K Cygni

8 27 20 2 +41.5 1 20 w

21 20 21 22

1 18 w +41.5

n 4 o

~~a b k c~~ a 6 ~~k~~ a' 4 c 2 b 6 g
5 e 2 d 6 h e f 5 l 1 k 6 m 4 n 5 o
5 p

21 38 42 S S Cygni

8 39 21 37 +43 6 0 8 E

21 30 21 33

0 7 E +43.6

Est 12.1

2059~~8~~23 R Vulpeculae

20 57 +23.5 0 38 w

8 45 21 35 21 39

0 38 w +23.8

Est 8.3

Oct. 1 1907

184062 RR Draconis

8 49
18 44 +62.9
21 41
2 57w
f 3 2g
3 0 W
21 44
+62.9

200041 [illegible] Cygni

8 53
19 58 +41.6
20 2
21 46
1 44w
s 3 2p
1 45 w
21 47
+41.5

213678 S Cephei

9 5
21 36 +78.0
21 49
0 13w
21 18 47
21 57 32
39
Cst. 9.0
C = 10
.0 17 W
21 59
+78.4

1
0~~X~~1272 S Cassiop

9 12
25
1 8 +72.2
22 3
3 5 E
Cst 14.0
3 9 E
22.6
+72.5

184062 RR Draconis

9 16
18 44 +62.9
22 13
3 29w
d 5 2f
3 27 W
22 10
+62.9

Oct. 1, 1907.

9	19	200041 19 58 20 2 22 12 2 10w	H H Cygni +41.5 b 3 3 m	2 11 w 22 14 +41.5
9	31	003179 $\overset{24}{0}$ 30 22 16 2 14E	Y Cephei +79.4 r 2 3 d	2 13 E 22 25 +79.8
9	40	021281 2^{6} 0 22 27 3 33 E	Z Cephei +81.1 e 3 2 f	3 43 E 22 34 +82.2
9	42	022980 2 28	R R Cephei +80.8 est 10.0	3 58 E 22 26 +81.8
9	48	184062 18 44 22 39 3 55 w	R R Draconis +62.9 est c1 4e	3 58W 22 43 +62.9

Oct. 1, 1907.

200041 H. H. Cygni
20 2 +41.5
9 52 22 45
2 43
e 3 3 f
2 44 W
22 47
+41.5

235525 Z Pegasi
23 53 +25.0
10 0 22 50
1 3 E
p 3 2 rg
1 3 E
22 54
+25.6

004533 RR Androm.
10 5 34 43 +33.5
22 57
31 46 E
a" 2 var 5 γ
.1 4 ~~7~~8 E
23 0
+44.2

013338 Y Androm
25 1 32 +40.0
10 11 23 02
2 30 E
k 3 N
2 30 E
23 6
+39.6
y

~~R W An~~
~~Meteor~~ through field
R. A. North prec about 40°
23 9
2 26 E
+38.7

Oct. 1, 1907

	0 1 $\overset{3}{8}\overset{2}{8}$ 38	R U Androm	
			2 24E
10 17		k2 4l	23 12
			+38.7
	20 00 41	H U Cygni	
10 25	20 2	+41.5	3 17 w
	23 15	b3 3e	23 20
	3 13 W		+41.5
	18 40 62	R R Draconis	
	18 44	+62.9	4 38 W
10 25	23 23	b3, 1e	23 23
	4 39 w	copied by L.C. from memory 07-10-2	+62.9

2^5^ 1 33 1   25 1 33 1 L.P.P.

(Wed) Oct. 2, 1907.

L.C. Ob. J.D. 7851

SS Cygni 213843

21 37 + ~~4~~43.6 0:13 E

8 30 21 24 est 11.5 +43.6

0 13 East 21:28

WW Cygni 200041 ~~est~~

8 36 20 0 +41.5 c4,1b = est Var

21 30 c5b 3g 5e 4d 6f 3h 4l 2k 1:35 W

1 30 W k5m 4n 3o 6p +41.5

21:37

RR Draconis 184062

18 42 +62.9 2 58 W

8 44 21 42 b3 4c 21 43

3 0 W a5b7c 3e 4d 6f 5g +62.9

4h 4k 6l 6m 4n 6o

16 31 37 X Herculis

16 30 +37.4 5 19 W

8 55 21 47 21 53

5 17 est 11.8 +37.8

17 56 54 V Dracon

17 55 +55.1 3 59 W

9 0 21 55 21 58

4 0 W 13.8 +55.3

Oct. 2, 1907.

		18 22 $\overset{2}{3}$4	S V Herculis	
		18 22	+24.6	3 39 w
9	5	22 00	Est. n 2 2 o	22 3
		3 38 w	~~a b c 5 b 3 d~~	+25.4
		a b c' 2 c 4 b 4 d 6 e 5 e' 3 f 5 g 6 h 4 k 5 m 4 l 5 n 6 o		
		18 32 25	R Z Herculis	
9	13	18 31	+26.0	3 36 w
		22 9	Est. 10, 4	22 11
		3 38	l 7 m 4 n 6 o	+26.5
		18 41 34	R Y Lyrae	
9	17	18 40	+34.4	3 31 w
		22 13	g 2 N	22 15
		3 33		+34.5
		18 42 43	R U Lyrae	
		18 42	+43.4	3 34 w
9	20	22 16		22 14
		3 34	Delta 4 3 Zeta	+43.9
		18 $\overset{5}{4}$0 $\overset{3}{1}$2	R X Lyrae	
		18 48	+32.6	3 30 w
9	24	22 26		22 22
		3 32	Est. g 5 N	+33.0

Oct. 2, 1907.

185634 Z Lyrae

9 27 18 54 +34.6 3 27 w

22 24 a 2 2 b 22 25

3 30 w

Gamma 3 ε 4 Delta 6 Eta 4 a +35.2

4 θ 5 b 4 Zeta 4 Lambda 6 μ 4 d 6 e 5 f 6 g

190941 RW Lyrae

9 34 19 10 +41.0 3 21 w

22 30 Delta 4 3 γ 22 32

3 20 w +41.4

200212 ~~Z Cygni~~ SY Aquilae

20 0 +12.5 2 34 w

9 40 22 35 22 39

2 35 w m 4 2 p +13.0

a 4 b 6 c 5 e 5 f 6 h 5 g 6 m 4 k

~~bd~~ 4 o 4 l 3 m 5 ~~t~~ h 6 ~~k~~ 6 ~~x~~ h

201520 V Sagittae

20 13 +20.8 2 30 w

9 49 22 46 22 48

2 33 w Est. 12.5 +21.3

202817 Z Delphini

20 27 +16.9 2 24 w

9 56 22 49 a 6 N 22 54

2 23 w ~~Zeta 3 c~~ Eta 5 Zeta 6 ρ +17.3

5 a 6 a' Star b not certainly seen

Oct. 2 1907

203611 Y Delphini

10 3 20 35 +11.0
22 59
2 24w

bst 13.0

2 22w
23 1
+11.6

210903 RR Aquarii

10 9 21 8 −3.2
23 4
1 56w

e4 3f

1 56w
23 7
−2.9

211615 T Capricorni

10 14 21 14 −15.5
23 14
2 59

var. < than 13.0

1 54w
23 12
−15.3

212814 Y Capricorni

10 13 21 26 +14.1
23 13
1 47

bst 13.7

1 46w
23 16
−14.2

221321 X Aquarii

10 24 22 10 −21.4
23 18
1 8w

k2 2k

1 7w
23 22
−21.0

Oct. 2, 1907

22 17 22 RT Aqr

22 14 -22.3 | 1 7 W

10 28 23 24 g 2 2k | 23 26

1 10 | -22.2

23 47 16 Z Aquarii

| 0 17 E

10 33 23 46 -17.2 | 23 31

23 28

1 8 E 7.4 | -16.2

22^3 52 09 V Ceti

10 36 22^3 48 -9.8 | .0 20 E

23 33 var < than 13.3 | 23 34

1 5 | -9.2

23 57 15 W Ceti

23 55 -15.9 | 0 20 E

10 40 23 35 | 23 38

20 a'24a | -14.8

00 19 09 S Ceti

^{2}04 12 -9.6 | 0 38 E

10 44 23 40 ~~Est~~ 12.8 | 23 42

32 E | -9.6

Oct 2 1907

		011208	S Piscium	
10	48	25 8	+8.0	1 28 E
		23 44	var < than 13.8	23 46
		1 24 E		+9.2
		011712	U Piscium	
		1 14	+12.0	1 30 E
10	52	23 48		23 50
		1 26	var < than 12.5	+12.6
		012502	R Piscium	
		1 23	+2.1	
11	00	23 51	Abandoned	
		1 32		

20 45
7 8 L. P. P.
70 103
– 1

7853

~~Thur~~ Fri. Oct 4. 1907

L.C. Obs.

JD 7853. Rec

7 00 S S Cygni 213843
est 12.0
1:32 ~~tt~~ E
+43 6
20:9

S Serpentis 151714
15 14 +15.2
7 16 20 14 est 9.8
5 0 W
5:14 W
+15.6
20:23

R Bootis 143227
.5:52 W
7 20 14 37 +27.1 est 12.3
20 27
5 50 W
+27.6
20:27

U Bootis 144918
14 48 +18.2
7 24 20 29 est 12.6
5.41 W
20:31
+18.6
5:39 W

R Can Ven 134440
13 41 +39.2 est 10.3
7 30 20 38
6 57 W
+40.2
20:37
6:58 W

Oct. 4, 1907.

u Herc 162119 Est 10,0

7 36 | 16 17 +19,5 | 20:40 +19.9
20 39
4 22 W | 4:19 W

S Coronae 151731 Est 12,5

7 45 | 15 15 + 31.9 | 20:51 +32.1
20 49
5 34 W | 5 ~~[illegible]~~ 32 W

R Serpentis 154615 est 8.7

7 49 | 15 45 +15.2 | +16.2 20:56
20 ~~44~~ 54
5 9 W | 5:7 W

R Herc. 160118 Est 13,4

7 53 | 16 0 +19.0 | +18.9 20:59
20 56
4 56 W | 4:54 W

SS Herc 162807 Est m 5,0m

8 00 | 16 26 +7.0 | +7.3 21:6
20 59
4 33 W | 4:36 W

Oct. ~~1~~4, 1907

S Herc. 164715 Est 11 0
16 46 +15.2 +15.8
8 03 21 08 21:9
4 22 W 4.22 W

Z Ophiuchi 171401 est a 0, 5 b
17 14 + 1.6 3:57 W
21 10 +2.1
8 07 3 56 W 21: 13

172809 RU Ophiuchi
ET. 8 10 3 46 w
17 28 +9.6 h 3 0 k 21 16
21 15
3 47 w b 4 a 4 c 5 d 4 e 6 f 5 f' +9.8
6 g ~~4 h~~ 4 h 5 k 3 l 6 m

154536 X Coronae
15 46 +36.1 5 35 w
8 16 21 20 21 22
5 34 w m 5 2 ~~x~~ b +36.9
e 5 f 4 g 6 h 6 k 5 m ~~4~~ 3 l 6 n 5 o 4 p

155229 – Coronae
15 50 +29.9 5 35 w
8 23 21 28 m 3 0 n 21 29
5 35 W +29.8
37

Oct. 4, 1907.

16 06 25 RU Herculis

8 27 16 4 +25.9 5 25 w

21 31 g 3 3 h 21 33

5 27 W +25.8

16 11 38 W Coronae

16 10 +38.5 Poor enlarg.

21 36 Chart so poor cannot ident. var

5 26 ~~with certainty~~ ~~Var~~ fnt, not seen

17 06 27 RT Herculis

17 04 +27.4 4 41 w

8 44 21 44 21 50

4 40 w l 3 N +27.8

17 17 23 RS Herculis

17 18 +23.1 4 35 w

6 48 21 51 l 2 3 m 21 54

4 33 w l 5 k 4 m 5 n +22.2

17 51 11 RT Ophiuchi

17 51 +11.0 4 4 w

8 52 21 56 α 4 3 β 21 58

4 5 +11.4

Oct. 4, 1907.

09 31 78 Y Draconis
$\overset{38}{9}$ 29 +78.7
21 39 Abandoned
11 30

17 55 19 RY Herculis
17 55 +19.6 4 5 E
8 56 22 00 22 2
4 5E d 4 2 g +19.8

18 11 03 RY Ophiuchi
18 8 +3.6 3 55 W
9 2 22 4 22 8
3 56 W $\overset{k}{\cancel{a}}$ 3 3h +3.9
f 4 g 4 k 6 h 6 h' 4 k' 3 l 6 m

5 m 40
18 23 06 T Serpentis
18 21 +6.1 3 48 W
9 7 22 11 m 3 2 n 22 13
3 50 W m 5 o 3 n $\overset{o}{\cancel{o}}$ q 6 p 5 s +6.6
4 r 5 u 6 t

19 01 08 R Aquilae
19 0 +8.0 3 14 W
9 11 22 16 * 22 17
3 16 W ~~est~~ 8.9 +8.4
Color est. 7

Oct. 4, 1907.

18 05 31 T Herculis
18 02 +31.0 4 16 w
9 17 22 20 22 23
4 17 w Est 13.5 +31.5

19 09 32 RS Lyrae
19 7 +330 Chart poor 3 16 w
9 21 22 25 22 27
3 18 w a 5 N +33.5

19 46 04 X Aquilae
19 446 +4.0 2 43 w
9 25 22 28 22 31
2 42 w Est 11.4 +4.4

19 52 02 RR Aquilae
19 51 −2.6 2 43 w
9 31 22 33 22 37
2 42 w α 3 3 β −2.0

19 53 08 RS Aquilae
19 51 +8.1 2 47
9 36 22 39 22 42
2 48 w Est 11.8 −7.7
19 52
22 41
2 49

Oct. 4, 1907

200514 R Capricorni

20 2 -14.7

9 41 22 44

2 42 w

Est. 13.5

2 40 w

22 47

-14.3

200822 W Capricorni

20 6 -22.4

9 44 22 48

2 42 w

o 3 2 p

2 40 w

22 50

-22.2

203905 Y Aquarii

20 40 -5.5

9 47 22 51

2 11 w

p 3 2 q

2 13 w

22 53

-4.9

204104 W Aquarii

20 39 -4.8

9 49 22 54

2 15 w

f 3 3 g

2 13 w

22 55

-4.2

c4 d5 e6 g 4h 2x k 4l

X 5n 4m 6o 3p 5q 4r 4s 0t 5u 3w

204405 Xl T Aquarii

20 40 -5.5

9 55 23 00

2 20 w

13.2

2 15 w

+23 1

-5.2

Oct. 4, 1907.

20 42 15 U Capricorni
20 40 −15.4 — 2 20
9 57 23 3 Est 13.3 — 23 3
2 23 w — −14.8

22 51 20 S Aquarii
10 2 22 48 −21.0 — 0 15
23 5 Est 10.0 — 23 8
17 w — −20.6

19 09 67 U Draconis
10 10 19 12 +67.4 — 4 2 w
23 11 Est 12.8 — 23 16
3 59 w — +67.8

17 54 58 T Draconis
10 13 17 51 +57.0 = T Dr. — 5 21
23 17 h 3 2 k north — 23 19
5 26 fol. star South prec — +58.6
star = p 2 2 q

19 34 49 R Cygni
19 33 +49.9 — 3 45
10 17 23 22 Est 11.8 — 23 23
3 49 w — +50.4

Oct. 4, 1907.

		19 40 48	R T Cygni	
10	20	19 39 +48.4 23 25 3 ~~4~~6 w	~~Ditto~~ 5 var.	3 42 23 26 +48.9
		19 43 48	TU Cygni	
10	23		g 3 var	3 42 w 23 29 +49.2
		19 46 32	X Cygni	
10	28	19 41 +33.3 23 31 3 50 w	~~est~~ 11.8	3 45 23 34 32.9
		20 40 16	T Delphini	
10	32	20 40 +15.5 23 36 2 56 w	13.4	2 55 w 23 38 ~~+13.4~~ 16.3
		20 38 16	S Delphini	
10	33		d 2 2 f	2 59 23 39 +17.0

Oct. 4, 1907

23 01 10 R Pegasi

10 40 23 0 +8.6

23 41

0 41 w

Est 8.2

0 43 w

23 46

+10.3

23 15 68 S Pegasi

23 19 +8.0

10 47 23 47

0 28 w

23 13 +8.2

23 51

0 38

Est ~~+2.8~~ 10.5

0 38 w

23 53

+8.6

20 38 47 V Cygni

10 53 20 43 +47.3

23 54

3 11 w

Est 10.8

3 18 w

23 59

+48.2

19 58 49 Z Cygni

19 57 +49.6

10 58 24 3

4 6 w

Est. 13.3

4 3 w

0 4

+50.2

46 91

2 10 L.P.P.

51 154

7 3

JD. 7856

Mon. Oct 7, 1907

L.C. Obs JD-7856 Rec.

SS Cygni 213843

21 37 +43 6 est 11.5 +43 6

20 05 20. 8

6 49 1 32 E 1:32 E

R Ophiuchi 170215

-15 0

17 2 -15.5 20:16

6 57 20 12 est 13.2 3:1~~7~~4 W

3 10 W acc. low obs. diff

174406 RS Oph est 11,5 -6 3

17 44 -6.8 20:24

7 05 20 19 2:37 W

2 35 W

185512 ST Sagittarii ~~est~~ m 3 N

-12.5

18 55 -12,5 20:34

7 15 20 28 1:37 W

1 33 W

R ~~X~~ X Sagitt 1908~~1~~8 est m 2,1 m = R.R.

19 9 -19.2 -18.7

20 39 20:45

7 26 1 30 W 1:36 W

7856

Oct. 7. 1907.

RW Sagitt. 190819 est 10.7

> 28 Hazy. −18.7
1:37 W
20:47

Star b marked 95 on chart
much brighter than star c & k

> 30 R Coronae 154428

est f.g. 6.0

191007 W Aquilae est n 3,10 = 13th

19 7 −7.4 −6.8

7 45 2058 21:12

1 57 W 1:50 W

T Sagittarii. 191017 est h, 3k

19 6 −17.5 1:56 W

7 53 21 6 −16.8

2 0 21:9

191321 T Sagittarii

19 14 −21.0 1 56 W

7 55 21 9 11.3 21 12

1 55 −20.5

7856

Oct. 7, 1907.

222439 S Lacertae

8 4 22 25 +39.2
21 15
1 10 E
~~Cat~~ 8.3
1 5 E
21 21
+40.4

223841 R Lacertae.

8 8 22 35 +41.6
21 23
1 12 E
~~Cat~~ 9.2
1 15 E
21 25
+42.4

222129 R V Pegasi

22 18 +29.8
8 17 21 29
0 49 E
~~cat~~ e 3, 1 g
a 3 b 2 b' 4 c 4 d 2 e
e 3 g 4 f ~~g~~ 4 h 4 k 6 l 4 m
.0 49 E
21 ?
+30.2

232848 Z Androm.

8 25 23 26 +47.8
21 38
1 48 E
g 3, 2 h
a 6 f 3 c 6 e 5 g 4 h 6 k
(a 2 f 2 b) k 4 l 5 m 2 n 5 o 6 p
1 47 E
21 42
+48.8

233335 – Androm

23 31 +34.8
8 36 21 50
1 41 E
k 2, 2 l
b 6 a 2 d 3 e 5 c 3 g 5 f
6 h 3 k 4 l 4 m 4 n 2 o 6 o' 4 p
p 5 r q 6 r 5 s
1 41 E
21 54
+35.7

7836

Oct. 7, 1907.

00 41 32 RW Androm

8 45 $\overset{24}{0}$ 41 +32.2 2 40 E

22 00 22 2

2 41 E

q 1 $\underline{\underline{N}}$

a 3 b 3 d 2 e 4 c 2 f 6 g · +32.7

g 3 k 3 ~~k~~ h 4 l 4 m 5 ~~m~~ o 3 n 4 p 5 q

00 58 40 RX Androm

0 55 +40.6 2 47 E

8 56 22 8 22 13

2 47 E

~~f 2~~ g 2 ~~g 2~~/ 3 g′

~~a 3 b 6 c~~ clouds clouds again +41.2

a′ 2 a 3 d 6 b 5 c 3 e 4 c 6 ~~f~~ g 3 f 4 g′

g′ 3 h 4 l 3 k 4 m

00 10 46 X Androm

0 7 +46.0 1 11 E

9 43 22 55 23 0

1 1 2 E

ε 2, 3 y

Star a near X Androm est = +47.3

α 2 2 z Too cloudy to continue on est.

02 14 03 o Ceti

9 30 Eye est. = 4.8

9 50 Too ~~cl~~ cloudy to continue

17 108

2 12 L.P.P.

67 221

3

(Tues.) Oct. 8, 1907

Lc. Obs   D 7857 Bowie Rec

S^t S^t Cygni 213843 est 120

+43.6

6 55   20:15

1.24 E

T Urs Maj. 123160 est 12.2

7:56 W

12 34 +60.5   +60.4

7 10   20 22   20:30

7 38 W

S Urs Maj 123961 est 11.6

7:49 W

7 12   +62.1

20:32

R Urs Maj 123459 est [illegible] 2.2 f

7:56 W

+ 59.4

7 15   20:35

Pole +90

8 24   Can't identify.

7857 Oct. 8, 1907

		3 11 19 35 09		RT Aquilae	
8	32	21 47 19 30 2 17w	+11.0	Est. 11.8	2 18w 21 53 +11.8
		19 35 09		RV Aquilae	
8	41	19 34 22 0 2 26w	+9.5	b 2, 2 c = 14th	2 25 W 22 2 +10.0
		20 08 12		RU Aquilae	
8	47	20 8 22 4 1 56w	+12.0	a 3, 3 c 13.8th	1 58 22 13 +13.1
		19 15 17		– Sagittae	
		19 12 22 9 2 57w	+17.5	Abandoned	
		19 14 22 14 3 0			
		20 15 20		U Sagittae	
9	0	20 12 22 16 2 4w	+20.5	σ 4 var Star. quite faint = 14th	2 4 22 24 +21.2

Oct. 8, 1907.

18 41 34 RY Lyrae

9 5 18 42 +34.5 3 43 w
22 24 22 26
3 42 w e 4, 2 f +35.0

Delta 4 θ 5 a 6 b 3 c 6 d 5 e 7 f

18 57 37 RT ~~Aquilae~~ Lyrae

18 57 +37.6 3 31 w
9 10 22 29 a 2 N 22 31
3 32 w Var and c not seen +37.7

19 05 29 U Lyrae

9 14 19 3 +29.6 3 28 w
22 33 c 1 N 22 35
3 30 w +30.2

22 04 12 T Pegasi

9 22 22 2 +12.0 0 28 w
22 37 h 4, 2 k 22 43
0 35 w +12.3

23 39 56 Z Cassiop

23 37 +55.6 1 8 E
9 29 22 45 Var. susp. if seen 22 50
0 52 E = m 5 +55.6

Oct 8, 1907.

7857

23 5053 RR Cassiop

9 35 23 49 +53.0 — 0 57E

22 52 — 22 56

0 57E Ditto 5, 2 E — +53.6

23 $\overset{5}{\cancel{2}}$855 Y Cassiop

9 49 23 56 +54.7 — 0 51E

22 58 — +55.5

0 58E σ 2 N — 23 10

005840 RX Androm.

9 52 0 55 +40.6 — 1 47E

23 11 — 23 13

1 44E g 3, 2g' — +41.3

001726 T Androm

9 57 0 14 +26.2 — 1 11E

23 14 — 23 18

1 0E var o α — +27.1

001838 R Androm.

0 16 +37.8 — 0 58E

10 1 23 19 Est 10.3 — 23 22

0 57E — +38.5

Oct. 8, 1907.

		004047	U Cassiop	
10	8	0 37 +47.4 23 24 1 13 E	r' 2, 2 s'	1 14 E 23 29 +48.3
		004435	V Androm	
10	14	0 43 +34.7 23 30 1 13 E	Est 12.2	1 12 E 23 35 +35.4
		004958	W Cassiop	
10	21	0 46 +58.2 23 36 1 10 E	Est 8.8	1 10 E 23 42 +58.5
		010940	U Androm	
10	29	1 8 +40.2 23 43 1 25	m 3, 2 n	1 22 E 23 50 1 +40.4
		014958	X Cassiop	
10	33	1 46 +58.5 23 51 1 55	e 2 4 f Color 8	1 58 E 23 54 +59.4

7857 Oct. 8, 1907.

015254 U Persei
10 36 1 49 +54.2 1 59 E
23 55 Est 10.4 23 57
1 54E +54.6

021143 W Androm
10 39 2 8 +43.9 2 13
23 58 0 0
2 1 0E Jeta 2,2E +44.4

023133 R Trianguli
2 27 +34.0 2 30 E
10 42 0 1 0 3
2 26E Est 11.0 +34.4

012502 R Piscium
1 23 +2.2 1 20
10 46 0 4 0 7
1 19E Est 13.2 +2.8

015912 S Arietis
10 51 1 55 +11.8 1 49E
0 9 0 12
1 46E Est 14.0 +12.4

Oct. 8, 1907.

021024 R Arietis

2 8 +24.4 1 54 E

10 57 0 85 0 18

2 0 E Est. 12.6 +25.2

53

0 15 Look magn of star to

1 53 Tonight's star to 3) ~~the~~ star r

26 ,34

3 15 L. P.

7 228

1 4

Wed. Oct. 9, 1907

L.C. Obs. J.D. 7858 Rec.

160210 U Serpentis
est e2, 3f

16 1 +10.2
20 8
6 43 4 7 W
20:13
+10.5
4:8 W

R Sagittarii 191019
19 9 − 19.2
20 16 est 7.2
6 55 1 7 W
20:19
−18.9
1:6 W

S Sagittarii 191319
est 11.2
6 57
20:21
1:6 W
−18.75

Z Aquilae 200906 est e2, 1f
20:26
20 8 −6.7
7 01 20 25
0 17 W
0:16 W
−6.2

T Urs Min 133273 est 11.8
20:48
7 23 13 43 +74.0
20 33
6 50
5:10 W
+74.1

Oct. 9, 1907.

141567 U Urs Min d 2, 2 e

20.'57
14 16 +67.6
+67.7
7 32 20 51
6 35 W
6:37W

sky hazy in North.

142584 R Camelop est 12.0

21.'7
14 40 +84.2
+84.6
7 42 21.00
6 20 W
6.22W

215717 U Aquarii est 12.6

21.'15
7 50 21 54 −17.6
−16.7
21 12
0 42 E
0.'44E

~~X~~ R S' Lyrae 190925 l 3,3 m

21.'24
19 8 +25.6
+26.2
7 58 21 18 l 6 mean 5p406r
2 10 W ~~270~~ r6a4q
2:13W

191637 U Lyrae α 2, 2 β = Sat

21.'29
19 17 +37.6
+38.2
8 4 21 27 susp. var. prec U = .3 > b
2 10 W
2:10 W

Oct. 9, 1907

V Sagittae 20 15 20

Bowie Rec 1 21 w

8 13 20 17 +21.2 est 12.0 21 39

21 31 +21.0

1 14 w

20 50 17 X Delphini

20 48 +17.2 0 52 w

8 19 21 40 est 12.8 21 45

0 52 w +17.6

21 08 12 R Aquulei

8 24 21 7 +12.3 0 39 w

21 46 p 2, 2 r95 21 50

0 39 w +12.6

21 16 14 X Pegasi

21 14 +13.7 0 34 w

8 26 21 51 est 12.5 21 52

0 37 w +14.3

20 11 30 S S X Cygni

20 10 +30.4 1 42 w

8 30 21 53 g 5 #, 0 h, 5 k 21 56

1 43 w +30.8

Oct. 9, 1907

210129 T X Cygni

21 0 +28.5 | 0 57 w

8 35 20 59 | n ~~m~~ 3 IV | 22 1

21 57 | +29.4

0 58 w

204546 R Z Cygni

20 47 +47.2 | 1 14 w

8 39 22 2 | m 2, 2 n | 22 5

1 15 w | +47.4

16 150

1 16 L.P.

7 235

— 4

JD. 7859

Thurs. Oct 10, 1907.
L.C. Obs.

V Pegasi 215605

~~21 38 +25.0~~ 21 53 +5.6 21.37
8 07 ~~21 33~~ 21 33 +5.9
~~0 5 E~~ 0 20 E 0.20 E
~~est~~ f 2,2 g

RR Pegasi 214024

+24.8
21 38 +25.0 est f 0,5 B 0.1 W
8 12 21 40 21.42
2 W

215934 RT Pegasi
21 56 +34.6 − 16
8 16 21 44 l 5, 0 m 21 46
1 2 E +34.8

201008 R Delphini
8 22 20 10 +8.5 1 41
21 47 est 10.5 21 52
1 37 E +9.0
1 40

225914 RV Pegasi
22 58 +14.5 1 4 E
21 53 21 56 9
8 26 1 ~~4~~ 5 +15.0
0 2,2 V
est 13 ~~th~~

Oct. 10, 1907.

1425
23 ~~152~~ U Pegasi
23 15 +25,8 | 1 10 E
8 37 21 58 f 2, 2 d | 22 7
1 17 | +26.2
22 1
16

005840 R X Androm.
0 55 +40,6 | 2 51 E
8 40 22 8 g 2, 3 g′ | 22 10
2 47 E | +41.2

003179 Y Cephei
0 30 +79,4 | 2 22 E
8 47 22 12 a 3, 3 b | 22 17
2 18 E | +80.2
1

011272 S Cassiop
1 8 +72.2 | 2 50 E
8 56 22 23 | 22 26
2 45 E est 13.7 | 72.7
22 26
~~2 48~~

021281 Z Cephei
2 0 +81.2 | 3 43
9 ~~44~~ 10 22 27 e 3, 1 f | 22 39
3 33 E | +81.8
22 33
3 27

Oct 10, 1907 7859

023080 QR Cephei
2 27 +80.7 3 5~~4~~ E
9 14 22 41 22 44
3 46 E Est 9.8 +81.3

013238 RU Androm
9 22 1 20 +37.9 2 43 E
22 47 g 4, $\overset{0}{\text{o}}$ k 22 52
2 43 E e 6 α 3 f 1 h 6 g 6 k 7 l +38.4
4 m 6 n

043065 T Camelop
9 31 4 24 +65.8 5 32 E
22 54 Est 13.0 23 1
5 30 E +66.3

043274 X Camelop
4 3~~8~~2 +75.5 5 29 E
9 40 23 4 Est 10.8 2~~3~~^{3} 10
5 28 E +75.5

050953 R Auriga
5 3 +53.0 5 56
9 45 23 13 Est 9.1 23 15
5 50 E +53.9

Oct. 10, 1907.

		030514		U Arietis	
9	52	3 3 23 17 3 46E	+14.6	Est 13.7	3 45E 23 22 +14.8
		032443		Nova Persei No 2	
10	5	3 18 23 24 3 54E 29 3 49 32 16	+43.9	t 3,1 m	3 51E 23 35 +43.9
		052034		S Aurigae	
10	14	5 18 23 37 5 41 E 5 16 23 42 5 34	+34.2	Est. 11.0 Color 7	5 38E 23 44 +34.5
		052036		W Aurigae	5 34E
10	18	5 15 23 45 5 30E	+37.2	var. fainter than 13.0	48 +37.3
		053531		U Aurigae	5 4
10	22	5 31 23 49 5 42E	+31.5	Est 8.0	5 45 23 52 +32.3

Oct. 10, 1907, 7859

055353 Z Aurigae
10 27 5 50 +53.5 5 59 E
23 53 Est 9.2 23 57
5 57E +53.7

060450 X Aurigae
10 31 6 1 +50.0 6 5E
23 58 d 2, 3 f 0 1
6 3E +50.6

06a547 – Aurigae 31.1907
10 34 6 2 +47.4 6 4E
0 3 p 3 N 0 4
5 59 E a4c4b5d6e'6Xe +48.0
3g5f6h5k0l5m4n5o8p

061647 V Aurigae
6 16 +47.9
0 10 5
6 6E Abandoned
6 10 11
0 13
5 57

21 171
2 18 L.P.P.
23 258
1 5

Sun. Oct. 13, 1907

Moon

19 0 -22 17
20 52
1 52 W

Mars

20 11 -230
21 21
1 10 W

Pleiades

27 39 +24.1
22 22
5 17 E

Saturn

23 35 -5.3
21 45
1 50 E

18 48 +32.8
21 59
3 11 W

19 27 +27.8
22 12
2 45 W

Tues. Oct 15, 1907

L.C. Obs. J.D. 7864 L.C. Rec

SS Cygni 213843

21 37 +43.6 — 20.48

6 59 20 43 — +44.0

0 54 E est 11.9 — 0.51 E

R U Capricorni 202622

20 24 −22.7 — 20.59

20 52 — −21.4

7 10 0 28 W est 12.20 — 0.32 W

Moon near making observation difficult.

V Capricorni 210124

21 0 −25.5

21 0

7 23 0 0 Moon too near to observe this Var

V Coronae 154539

21.18

15 44 +40.1 — +40.4

7 29 21 14 est 12.2 — 5.32 W

5 30 W

T Herculis 180531

18 2 +30.6 — 21.23

7 3K 21 22 est 12.9 — +31.5

3 20 W — 3.15 W

Oct. 15, 1907

S V Herc 182224

21:28
3:05 W
+21.2

18 22 +24.6
7 39 21 25 est k 3, al
3 3 W

χ Cygni 194632

21:40
1:53 W
+33.2

7 51 19 41 +33.4
21 31 est 13.4
1 50 W

Z Cygni 195849

21:46
+50.2
1:47 W

19 57 +49.6
7 57 21 43 est 13.2
1 46 W

Z Delphini 202817

21:59
1:31 W
+17.6

20 26 +16.3
8 10 21 49 a 3 N
1 23 W

= V Cygni 203847

22:7
+48.4
1:30 W

20 43 +47.3
8 18 22 03 est 11.0
1 20 W

7864

Oct. 15, 1907.

		RX Androm. 005840			
		2455	+40.6		22 20
f	31	22 15			+41.6
		2 40 E		est g 4,1 g'	2 39 E
				Bowie Rec	
		063558 S Lyncis			
		6 34	+57.2		8 5 E
8	42	22 24		f2,4g	22 31
		8 10 E			+58.6
		065355 R Lyncis			
8	46	6 58	+55.6		8 19 E
		22 33		est. 9.8	22 35
		8 15 E			+56.2
		061647 V Auriga			
		6 7	+46.4		7 32 E
8	55	22 39		est 10.8	22 44
		7 28			+48.4
		022000 R Ceti			
		2 15	-0.4		3 31 E
9	0	22 46		est. 7.5	22 49
		3 29 E			+0.2

Oct. 15 1907

022813 U Ceti

9 7 | 2 27 −13.0
22 51
3 3 6E | s 3, 2 t 12.3 | 3 33 E
22 56
−12.8

031401 X Ceti

9 10 | 3 11 −1.6
22 58
4 1 3E | r 4, 0 d | 4 15 E
22 59
−0.7

024403 o Ceti

9 17 F. Bowie Ob. eye = l 3, 0 m .4.1
L. B. " " = l 3, 1 m var. 4.0 some red

041619 T Tauri

9 31 | 4 12 +19.0
23 10
5 2E
4 20 +17
23 17
53 | bst 10.0 | 4 54 E
23 20
+20.0

044617 V Tauri

9 38 | 4 43 +18.6
23 28
5 1 5E | bst 11.8 | 5 18 E
23 27
+18.4

Oct. 15, 1907 7864

042215 W Tauri

9 43 4 20 +15.6 l 2,2 m 4 50 E

23 30 — 4 50 E 23 32 +16.6

042209 R Tauri

4 20 +9.6 4 41 E

9 52 23 34 — 4 36 E Est 11.7 23 41 +10.8

4 19 23 37 — 4 42

042309 S Tauri

4 40 E

9 54 Est < 12.9 23 43 +10.6

052326 RR Tauri

10 3 5 21 +25.9 5 40 E

23 46 — 5 45 E k 4,3 l 23 52 +27.4

043208 RX Tauri

4 31 +7.6 4 35 E

10 8 23 55 — 4 36 k 2 2 l 23 57 +9.0

New Var. (?) on same chart as RX not seen ~~with certainty~~

a 3 b 6 d 6 e 5 f 6 g 2 h 4 k 6 l 6 m 6 n o & p not seen tonight

Oct. 15, 1907

054920 U Orionis

5 46 +20.2 5 42 E

10 17 0 4 Est 9.8 0 6

5 42E Est of star nf = 10.6 +21.2

064030 X Gemin.

6 38 +20.2 6 27 E

10 24 0 9 c 3, 1rd 0 13

6 29 +21.0

— 065530 RS Gemin

6 53 +30.6 6 25 E

10 40 0 15 ~~Est~~ 11.0 0 28

6 38 +31.3

6 52

17

3 5

083350 X Ursa Maj.

8 30 +50.4

0 31

7 59 Abandoned. Region ~~too~~ low

25 196

2 20 L.P.P.

10 268

— 5

Sat. Oct. 19, 1907
L.C. Obs. Rec. pD. 78 68

8 26 S S Cygni 213843

est 9.5

1 197
— 20 L. pl
— 268
— 5

Mon Oct 21, 1907
LC Obs JD - 7870

SS Cygni 213843

0:54 E
+43.6
20:44

6 32 est 8.5

Found the new mirror in tonight. = a

V Sagittae 201520

0:53 W
+21.4
21:08

20 17 +21.2
6 52 20 51
0 34 W est n 3,10

6 54 ~~o Cte~~ R Coronae 154428 est 6.0

Region low & moon at the full

Y Delphini 203611

20 35 +11.0
7 5 21 15
0 40 W est 9.8

21:17
+12.2
W

Oct 21, 1907   7870

WW Cygni 200041
20 0 +41.1
7 12   21 19   est h0, 2 l   21:24
1 19 w   +41.8
1:24w

RW Lyrae 184243
21:32
18 42 +43.4   +44.2
7 20   21 27   est b3, 2 e   2:50 w
2 45 w

RX Lyrae 185032
18 48 +32.8   +33.5
7 25   21 34   21:37
2 46 w   g 5 N   2:47 w

Z Lyrae 185634
18 54 +34.6   21:48
7 31   21 38   a4, 4 f   +35.1
2 44 w   2:48 w

WW Cygni 200041
21:49
7 37   20 0   +41.8   +41.8
21 45   e3, 3 h   1:48w
1 45 w

Oct 21, 1907 7870

W W Cygni 200041

7 50 est e2, 4h 22:03
21:58 w
+41.8

190933 RS Lyrae
7 56 19 7 +33.3 2 59 w
22 7 est ~~3e~~ e3, N 22 9
3 0 w +33.7

Bowie Recorder

193449 R Cygni
8 0 19 33 +49.9 .2 38 w
22 11 est 11.5 22 12
2 38 w +50.8

194048 RT Cygni
2 34 w
8 3 E2, 26 22 15
+49.4

194345 ~~R~~ S TU Cygni
2 35 w
8 6 E6 var 22 18
+49.8

7870 Oct 21, 1907

8	11	190967 19 12 +67.4 22 20 3 8w	U Draconis Est 11.4	3 12w 22 23 +67.8
8	15	190941 19 10 +41.0 22 25 3 15w	RU Lyrae ε 2, 2(γ) γ	3 18 22 27 +41.8
8	16	200041 20 0 +41.8 22 29 2 29w	HH Cygni g 4, 1 e	2 29w 22 29 +41.8
8	40	235525 23 50 +24.4 22 49 1 1E	Z Pegasi n 2, 2 o	1 2E 52 +26.1
8	43	005840 0 55 +40.6 22 54 2 1E	RX Androm g 2, 2 g'	2 4E 22 55 +41.4

Oct. 21, 1907

200041 W Cygni

20 0 +41,8 — 2 58 w

8 45 22 56 — Est g 3, 3 e — 22 58

2 56 w — +41,8

222129 R V Pegasi

8 52 22 18 +29,8 — 0 44 w

23 1 — e 3, 2 f — 23 4

0 43 w — a 3 c 4 b 4 b′ ~~b e 5 f~~ — +30.4

~~3 d~~ b′ 6 g 4 e 4 d 3 f 6 h 5 k 6 k′ 5 l 3 m 6 m.

O Ceti 021403 ~~H. G est~~ 3.7

9.01 moon near, but sky clear & est considered good.

200041 W Cygni

9 19 20 0 +41,8 — 3 32 w

23 30 — g 2 4 e — 23 32

3 30 w — +41.8

231508 S Pegasi

23 13 +7.2 — 0 40 w

9 42 23 42 — Est 10.9 — 23 54

0 29 w — +9.3

50
19
31

7870 Oct 21, 1907

200041 St St Cygni

9 49 20 0 +41.5 * 4 2 w

23 56 b 3.0 g 0 2

3 56 w +42.0

Obs. Dec. of Bow & Arrow 5 40 w

Index above 90 with tel. in this 0 18

position +90.6

H. A = 2^h w S. T. 0 25 Dec. 59.0 Index +4'

above 90 k^5 readily seen, also star l

star n faintly seen. Moon at the full

but new mirror in.

---

20 0041 St W Cygni 4 30 w

10 18 20 0 b 1.3 g 0 30

0 - 28 +41.9

4 28

24 221

2 22 L. P. P.

13 201

— 5

(Tues.) Oct. 22, 1907

L. C. Obs. J.D. 7871

V Sagittae 201520

20 15 +21.4 20:52
6 36 20 30 est 0.3 var +21.4
0 35 W 0:36 W

SS Cygni 213843

21 37 +43.6
6 44 21 00 est 8.3 21:01
0 37 E +43.6
0:38 E

RX And. 005840

24 59 +41.4 21.06
6 49 21 03 # 9.4, g' + 41.4
3 56 E 3:54 E

Pole Region

star n not seen with certainty
star k^5 seen well at intervals, but
7 00 due to haze & moonlight on same,
it is not visible all the time

H 3

3 224
— 22 P.P.
— $\frac{281}{5}$
—

Sat. Oct. 26, 1907
L.C. Obs JD 7875

	134440 R Can Ven		
6 42	13 41 +39.3 21 11 7 30 W	est 9.0	21:16 7:29W +40.2
—	R Bootis 143227		
6 47	14 37 +27.2 21 17 6 40 W	est 10 3	21:21 6:46W +27.8
	R Herculis 160118		
6 52	16 2 +17.6 21 22 5 20 W	est 13.5 region low.	21:26 5:22W +19.2
	S Coronae 151731		
6 57	15 16 +33.4 21 28 6 12 W	est 12.6	21.31 6:11W +32.3
	SS Herc 162807		
7 04	16 26 +6.9 21 33 5 7 W	est 13.0m	5:9W 21:38 +7.4

Oct 26 1907

RU Herc. 160625

7 14 16 4 +25.9 est 233 A p 21:~~48~~
21 42 5:40 W
5 38 W +25.8

— Coronae 155229

7 20 15 50 +29.9 m 2, 2 n 21:54
21 50 6:01 W
6 0 +30.2

X Coronae 154536

7 23 1546 +36.1 est d 4, 1 e 21:57
21 56 6:11 W
6 10 +37.2

U Herc. 162119

7 28 16 16 +19.5 est 10.8 22:02
21 59 5:38 W
5 43 W +19.8

RT Herc 170627

7 35 17 2 +27.2 est k 4 a l 22:9
22 4 5:00 W
5 2 +27.6

var & l suspiciously

7875 Oct. 26, 1907.

Eros (433)

8 32 23 53 +37.5 23 53 22 54 40
22 13 22 25 1 4.8 E
1 40 E 1 28 E
23 42
22 30
1 12 E
est a 3, 3 b

S S Cygni 213743 1.34 W
+43.6
8 41 est S. S 23 12

—

R X Androm 005840

~~23 12~~
24 55 +41.5 1 34 E
8 52 23 15 g' 3, 2 h 23 24
1 40 E +41.3

Pole

~~g 3 h 5 k' 2 k^2 6 k^3 4 k^5~~
9 4 g 2 h ~~3 m~~ 5 6 k' 0 k^2 6 k^3 ~~3 k~~ 3 l 3 k^5 5 n
4 o 3 p. p barely seen
H = 1

201520 V Sagittae
20 14 +20.8 0 3
9 30 23 38 3 47 W.
3 24 n 4, ~~o~~ 0 o +21.4
50
36

Oct. 26, 1907

021403 o Ceti
Bowie Obs Est 3.6 } naked eye
9 7 L.C " " 3.6 }

3 29 W
9 14 Is this a nebula? Yes. 23 46
+20.4

235209 U Ceti
23 48 -9.8 0 24 W
9 43 0 7 Est p 2 var. 0 16
0 19 ~~E~~W -8.9

004909 S Ceti
0 12 -9.6 0 3 W
9 48 0 18 Est 128 20
0 6 W -9.2

011208 S Piscium
1 8 +8.0 var not seen with 0 45 E
9 54 0 23 certainty r 3 N 27
0 45 p 4 o 6 r +9.0

7875 Oct 26, 1907

011712 U Piscium
1 14 +11.9 0 45
10 0 0 30 Est 11.9 0 32
0 44 +12.9

001726 T Androm
0 14 +26.2 0 25W
10 10 0 41 var 3 α 0 42
0 27W +27.1

004533 QQ Androm
0 43 +33.5 0 0
10 13 0 44 b4, 2 j 45
1 w +34.3

004435 V Androm
10 19 0 42 +34.6 0 6
0 46 Var not seen with certainty 51
4W Much fainter than 13.0 +35.6

004047 U Cassiop
0 37 0 14 w
10 23 52 Est 13.5 0 55
0 15w +48.3

Oct 26 1907

013338 Y Androm
1 31 +38.2
10 28 0 57 k 2, 2 l
0 34 E

0 33
1 00
+39.4

013238 RW Androm
0 30
10 30 f 2, 2 α
1 2
+39.8

010940 U Androm
1 8 +40.1
10 33 1 4 m 3, 0 m
4 E

0 4 E
1 5
+40.8

015912 S Arietis
10 37 1 55 +11.9
1 7 13.7
0 48

0 49 E
1 9
12.7

021024 R Arietis
2 8 +24.4
10 39 1 11 Est 12.5
0 57
Star t 3 brighter than r

0 57 E
1 13
+25.2

26 250
2 24 L.P.P.
12 293

Oct. 30, 1907 (Wed)

LC Obs. JD 7879

S S Cygni 213843

6/7 39 est 9.3 0.10 E
+43 6
21.27

R Serpentis 154615

15 45 +15.4 est 9.8 21.38
6 50 21 32 5.58 W
5 47 W +16.2

T Sagitt. 191017

6 56 19 9 −17.3 −16.8
21 39 est 10.4l 21.44
2 30 2.35 W

S Sagitt 191319

7 05 19 10 −19.0 2.36 W
21 45 est 11.7 −18.8
2 35 W 21.48

Z Sagitt 191321

7 03 est 11.0 2.38 W
−20.7
21.51

Oct. 30, 1907

W aquilae. 191007

19 7 -7.4 p5 var -6.7

7 11 21 53 21:59

2 46 w p added tonight. 2:5 W

est m 5 n 6 p.

Saturn.

E.C.P. + L.C. looked at Saturn.

23 32 -5.7 L.C. saw with certainly

7 35 22 07 ~~st~~ knot of light on the

1 25 E following side, and fairly certainly one on the preceding side. Also a faint band goes across the equator of the planet. Seeing poor at frequent intervals, but very good occassionally.

Eros 433

23 58 +36.5 1.1 E

22 26 +36.6

8 4 1 32 E d 4, 2 c 22:51

Fix switch on circle

20 15 20 & Sagittae

20 13 +20.4 2 45 w

8 12 22 58 est 12.0 23 1

2 45 w Star brighter tonight +21.4

Oct. 30, 1907. 7879

		20 40 16		T Delphini	
8	17	20 40 23 3 2 23 w		~~Est~~ 14.0	2 25 w 23 6 +16.8
		20 38 16		S Delphini	
8	20			h 2, 2 k	2 30 w 23 9 +17.4
		20 43 18		U Delphini	
8	23 ~~18~~	20 40 23 11 2 31 w	+17.8	γ 2 N	2 29 w 23 12 +19.7
		203905		Y Aquarii	
8	28	20 40 23 15 2 35	∓5.5	f 2, 2 h	2 38 w 23 17 −4.8
		204405		T Aquarii	
8	30			~~Est~~ 11.3	2 34 w 23 19 −5.0

1907phae.proj..67OC

Oct 30, 1907

182224 S Herculis

8 35 18 22 +24.6 5 2 w

23 21 k 2, 3m 23 24

4 5 9m f 4 g 4 h 2 k 5m +25.6

5 l 4m

195202 RR Aquilae

19 51 −2.6 3 37 w

8 40 23 27 β' 5 var. 23 29

3 36m bst 14th −1.6

195308 R S Aq

19 51 −8.2 3 39 w

8 43 23 31 ~~bst~~ 11.2 23 32

3 40w −7.6

200514 R Capricorni

20 2 −14.7 3 30 w

8 46 23 34 bst 12.0 23 35

3 32w −14.2

200822 R Capricorni

20 6 −22.4 3 30 w

8 50 23 37 o 2.2p 23 39

3 31w −21.8

Oct 30 1907

		20 11 21		R Capricorni	
		20 10	−21.6		3 30 w
~~10~~ 9	53	23 41		est 7.0	23 42
		3 31 w		color 9	−20.8
		20 42 15		U Capricorni	
9	0	20 40	−15.3		3 6 w
		23 44		est 14.0	23 49
		3 4 w			−14.8
		21 01 24		V Capricorni	
		21 1	−24.2²		2 51 w
9	4	23 51		est 13.0	23 53
		2 50		Var. dif. to est. due to low altitude	−13.9
		21 16 15		T Capricorni	
		21 14	−15.5		2 41 w
9	8	23 55		est 13.2	23 57
		2 41			−14.9
		21 25 14		Y Capricorni	
		21 26	−14.0		2 33 w
9	12	23 59		p 3 N	0 1
		2 33			−13.8

Oct 30 1907

		210903		RR Aquarii	
		21 8	−3,2		2 54 w
9	15	0 3		g 1, 1 h	0 4
		2 55 w			−2,7
		221321		X Aquarii	
		22 10	−21,5		1 56 w
9	21	0 6		m 4, 2 m	0 10
		1 56 w		b 5. ~~[illegible]~~ m 6 m	−21,0
				m & m added tonight	
		221722		RT Aquarii	
		22 14	−22 3		1 57 w
9	26	0 12		m 2, 2 o	0 15
		1 58 w			−22,2
		193509		RV Aquilae	
9	33	19 34	+9,5		4 47 w
		0 18		bot 12.0	0 22
		4 44 w			+10.3
		193311		RT Aquilae	
					4 52 w
9	36			fr 2 2 gr	0 25
					+12,2

Oct 30, 1907
7879.6

Pole Est on Standards

9 41 p o ~~N~~ F
haziness 1

21 18 382 X Cephei
21 8 +82.4 3 31 w
0 33 ~~S~~ s 3 N 0 38
9 49 ~~2~~3 25 w +83.4
21 13
0 37
3 24

17 54 58 T Draconis
17 51 +57.0 6 48 w
9 55 0 41 Est T = h o, 4 k 0 44
6 50 T = north fol. component +58.8
of double, South prec.
component = p 1, 3 q

17 56 54 V Draconis
17 55 +55.1 6 51 w
9 59 0 47 Est 14.0 0 48
6 52 w +55.5

18 06 66 X Draconis
18 6 +65.8 6 44 w
10 3 0 50 h 2, 4 k 0 52
6 44 w +66.8

Oct 30, 1907

		180565		W Draconis	
10	5			m 6 var	6 48 0 54 +66.6
		123160 12 23 0 57 11 26	+59.5	T Ursa Mag Est 10.4	11 31 E +60.2 1 3
10	13				
		123961		S Ursa Maj	
10	16			Est 11.6	11 35 E 1 5 +62.0
		123459		RS Urs Maj	
10	19			m 22.0 ~~M~~ Var & o dif. to Cat. Region quite low	11 27 E 1 8 +59.2
		005860		RX Androm	
10	27	0 55 1 10 0 15 w	+40.6	g'3,3h'	0 16 1 17 +41.4

Oct. 30, 1917

		0214 03	o Ceti		
10	30		L. C. Obs.	3,5	} Eye est.
			Gore.	3,5	}

36	286	
4	28	L. P. P.
8	301	
1	6	

Thurs. Oct. 31, 1907.

~~LC Obs~~ JD - 7880

SS Cygni 213843

21 37 +43.6 est 9.3 22:00

7 07 21 57 +43.6

0 20 W 0:22 W

V Sagittae 201520

22:14

20 14 +20.4 1:58 W

7 21 22 02 +21.4

1 48 est m3,20

Y Pegasi 220613

~~223~~ est u 5 n

7 33 22 3 +13.9

22 18

0 15 W

RS Pegasi 220714

est m 0, 4 n c = 4

7 34

3 289

1 29 L.P.P.

— 301

1 7

Fri. Nov. 1, 1907

L.C. Obs J.D. 7881

V Sagittae 201520

4 15 20 14 +21.4 22.11
22 04 1:54 W
1 50 W est 21.40 +21.4

1 290
– 29 L.P.P.
– 301
– 7

Mon. Nov. 4 1907
L.C. Obs. J.D. 7884

RR Draco 184062

18 40 +62.6 ~~[illegible]~~ 22:30
7 24 22 24 43.0 +63.2
7 13 3 44 W l 2,2 m 3:51 W
+0 11
.008

Pole estimat~~es~~.

7 30 n 3 l.V. Hag. 2

Eros 433

23 42 +35.6 can't find Eros
7 47 22 42
1 0 E

SrSr Cygni. 213A43
21 37 +43.6 22 59
7 52 22 57 est 11.0 +43.6
1 20 W 1:20 W

H.B. Rec

RR Draco 184062
7 57 18 40 +63.2 4 23
7 13 23 00 23 5
+0 44 4 20 g 2,1 h 33.0 +63.3
+.031

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200822 — W Capricorni
20 6 — −22.4
8 3 — 23 7
3 1
~~A~~ g 0,3 h
3 3
23 11
21.8

204215 — U Capricorni
20 41 — −15.3
8 6 — 23 13
2 3 2 w
Est. var (if seen) 13.6
This may be star o
2 3.2 w
23 14
−14.7

225120 — S Aquarii
22 48 — −21.0
8 10 — 23 16
0 28 w
13.8
0 28 w
23 18
−20.5

210516 — Z Capricorni
21 2 — −16.6
8 20 — 23 21
2 19 w
θ 3, 2 Lambda
2 24 w
23 28
−16.2

1 — RR Draconis
18 40 — +63.2
8 30 — 23 32
7 13
+1 17
.053
4 52 w
e 4, 3 f
17.5
4 57 w
23 37
63.3

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	184134	RY Lyrae	
	18 40 +34.4		5 2 w
8 35	23 40	d 0, 4 e	23 43
	5 0 w		+35.2
	185737	RT Lyrae	
	18 57 +37.6		4 51 w
8 40	23 45	a 3 N	23 49
	4 48 w		+37.8
	190529	V Lyrae	
	19 3 +29.6		4 48 w
8 45	23 56	c 3 var	23 53
	4 47 w		+30.3
	1	RR Draconis	
	18 40 +63.2		5 16 w
8 49	23 55	$\overset{e}{g}$ 3, 4 f	23 56
7 13	5 15 w		+63.3
1 36		16.5	
+.067			
	20 1~~3~~5 20	V Sagittae	
	20 14 +20.4		3 45 w
8 52	23 58	12.2	0 0
	3 44 w		+21.4

Nov ~~2~~ 4, 1907

20 05 12 RU Aquilae
20 7 4 +12.6
8 57 24 3
3 56 w
a 2 IV
3 58 w
0 5
+13 2

20 02 12 SY Aquilae
9 1 20 0 +12.5
0 7
4 7 w
q 3,0 q'
4 8 w
0 9
+13 2

18 40 62 RR Draconis
18 40 +63 2
9 7 0 11
7 13 5 31 w
+ 1 54
.079
a 3, 3 e
10.5
5 34 w
0 14
+63.3

21 57 17 U Aquarii
21 54 −17.5
9 23 0 17
2 23 w
30
36
~~Est.~~ 12.5
2 34 w
0 31
−16.6

21 02 21 X Capricorni
21 0 −21.9
9 29 0 34
3 34 w
~~Est~~ 13.5 if seen
Region low. Est dif. and doubtful
3 35 w
0 37
−21.2

~~Nov~~ 4, 1907

20 ~~18~~ 50 17 X Delphini

2048 +17.2 3 52 w

9 33 2439 13.2 0 42

3 51 w

New var north fol X Delphini +17.8

est 12.0

RR Draconis

18 40 +63 2 6 4 w

9 38 0 44 0 45

7 13 6 4 c 2, 3e 63.3

+2 25 10

+.101

210504 RS Aquarii

9 44 21 5 −5.8 3 47 w

24 47 b 2, 2c 0 52

3 42 w −4.4

210812 R Equulei

9 48 21 7 +12.6 3 48 w

24 55 E o var 0 56

3 48 w +12.8

211614 X Pegasi

21 14 +12.6 3 44 w

9 51 24 58 ~~est~~ 10.0 0 59

3 44 +14.3

Nov. 4, 1907

	20 48 46	RZ Cygni	
	20 43 +47.2		4 17 w
9 57	25 1	m 2 2 n	1 6
	4 18 w		+47.7
		RR Draconis	
	18 40 +63.2		6 29 w
10 2	25 8	b 5, 2 c	1 9
7 13	6 28 w		+63.3
+2 49		70	
+.117			
	09 31 78	Y Draconis	
10 8	9 29 +78.7		8 19 E
	1 12	est 13.3	1 17
	8 17 E		+78.6
	05 49 74	V Camelop	
	5 45 +73.9		4 27 E
10 15	1 20	est 11.7	1 23
	4 25 E		+74.8
	23 15 08	S Pegasi	
10 21	23 19 +8.0		2 15 W
	25 26	est 12.0	1 29
	2 7 W		+9.2

Nov. 4, 1907

021024 R Arietis

w 2 7 +24.4 — 0 35 E

10 26 1 32 — ~~Est~~ 12.8 — 1 34

0 35 E Start = 12.0 — +25.2

233956 Z Cassiop

w 10 30 23 37 +55.5 — 1 59 w

25 36 — n5 N — 1 38

1 59 — +56.6

235053 RR Cassiop

E 23 49 +53.0

25 41 Abandoned. Cannot.

1 52 w identify

RR Draconis

E 1840 +63 2 — 7 7 w

10 41 25 46 — 1 48

7 13 7 6 — b6.0c — +63 3

+3 28 — So

.144

021403 o Ceti eye est

N 10 50 est 3.5 L. C. Obs — 30 320

est 3.5 +S B. Ob — 3 32 L P.P.

301

= 7

Sat. Nov. 9, 1907
L.C. Obs. J.D. 7889

RT Ophiuchi 175111

7 23
17 51 +11.0
22 46
4 55 W
est 11.5
22:50
4:59 W
+11.4

RY Herc. 175519

7 27
17 54 +19.6
22 52
4 58 W
est g 3, 3 α
4:58 W
+20.2
22:54

RY Oph 181103

7 32
18 7 +3.6
22 57
4 50 W
est m 3, 0 o
22:59
+4.2
4:48 W

RS Herc. 171723

7 39
17 18 +23.1
23 01
5 43 W
est 10.8
5:48 W
23:06
+23.4

RU Capric. 202622

7 45
20 24 −22.7
23 07
2 43 W
est m 2, 3 n
2:46 W
−21.7
23:12

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R Capric 200514

Est 11.8

20 1 −14.7

7 52 23 15

3 14 W

3:15 W

−14.2

23:19

Z Aquilae 200906

20 7 −6 8

7 56 23 21

3 14 W

est 03.39 ✓

3:14 W

−5 8

23:23

W Aquarii 204104

20 39 −4.6

8 00 23 25

2 46 W

est n 330

2:47 W

23.27

−3 8

V Capric. 210124

21 2 −24.2

23 29

2 27 W

Too low in haze

Abandoned

Z Delphini 202817

20 26 +16 8

8 9 23 35

3 9 W

12.0

3 10 W

23 37

+17.7

Nov 9 1907 7889

8	11	20 15 20 20 14 23 39 3 25w	+21,4	U Sagittae m 4,10	3 24 w 23 39 +21,4
8	14	20 40 16 21 40 23 41 3 1 w	+15,5	T Delphini kst 14,0	3 2 w 23 42 +16 6
8	20 ~~48~~	18 05 31 18 2 23 44 5 42 w	+30,5	T Herculis kst 9,6	5 43 w ~~18~~23 48 +21,5
8	24	19 09 25 19 6 23 50 4 44	+26,1	S Lyrae kst 9,0	4 47 w 23 52 +26,4
8	22	19 09 37 19 7 23 53 4 46w	+33,1	RS Lyrae a 3 var	4 46 w 23 54 +33,8

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19 09 67 U Draconis
19 12 +67.4 4 50 w
8 32 23 56 π3 var 0 0
4 44 w +67.7

Polar Standards

8 35 m 1 S.8 V.
Hazy — 3 in this section of sky

19 13 50 T Z Cygni
8 40 19 12 +49.8 4 55 w
24 6 Est 10.8 0 8
4 54 w +50.8

19 29 28 T Y Cygni
8 44 19 28 +28.4 4 42 w
24 11 Est 12.0 0 12
4 43 w +28.8

19 34 49 R Cygni
19 33 +49.8 4 40 w
8 46 0 13 0 14
4 40 w Est 12.4 +50.8

Nov. 9, 1907

8	49	19 40 48 19 39 +48.4 0 16 4 37	RY Cygni Est 11.0	4 35 w 0 17 +49.4
8	53	19 46 32 19 41 +33.4 24 18 4 37w	X Cygni Est 13.4	4 35 0 21 +33.3
8	56	19 50 49 19 57 +49.6 24 23 4 26w	Z Cygni Est 12.5	4 26 0 24 +50.8
9	3	23 52 09 23 48 -9.9 24 26 0 28w	U Ceti Est 13.5	0 39 w 0 31 -8.8
9	17	S' X Cygni 201130 20 11 +31.0 0 49 4 38	k 0,3 l	4 21 0 45 +31.4

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		22 04 12	T Pegasi	
		22 2 +11.5		
		24 49		
		2 45 w	Abandoned. Not identified	
		24 59		
		2 57		
		23 14 25	W Pegasi	
9	38	23 15 +25.5		1 51 w
		25 2	Est 9.3	1 6
		1 47 w		+26.7
		00 58 40	RX Androm	
9	43	0 55 +40.6		0 12 w
		1 8	h' 3,2 l	1 11
		0 13 w		+41.4
		00 17 26	T Androm	
		0 14 +26.2		0 58 w
9	46	1 13	Est. 13.0	1 14
		0 59		+27.1
		00 41 32	RW And	
		0 41 +32.2		0 38
9	51	1 16	n 3,3 p	1 19
		0 35 w		+32.7

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o Ceti

9 35 L. C. Obs est 3.5 Eye
Bowie " 3.6 "

00 44 35 δ Androm
0 $\overset{4}{3}$2 +34.5
1 24
0 5 0 w
4 2
0 40
1 28
0 48

10 15 Too cloudy. Abandoned

29 349
32
301
7

L. P.P.

This book ledgered to date