KG
11366
088

L. G. [illegible]

1912

*x 09 3014
093934
[illegible]
094211
B

$36\overline{)4\,30}$ 1

084803
081617
083350
085008
085008
B

$36\overline{)2700}$ 75
252
180
4

158 11366088
071201
070109
* 070310
* 075612
~~[illegible]~~
B

065111
060450
063558
060547
* 060430
061702

663558
* 065530
065355
064707
* 064833
B

* 055 523
* 054 528
* 055622
~~053036~~
052034
053531
054920
050953
054615
* 054974
052036
B

042209
043208
* 043665
* 043274
B

032043 *
033105 *
031646 *
035727 *
B

---

* 024217
022150
022813
022000
021403
024356
023133
~~022150~~
~~024356~~
B

161138
164715
B

154428
B

141954
* 141567
* ~~141567~~
B

* 134440
* 132706
* 133273
B

122532
124204
B

* 115609
115919
B

233335
233956
* 230759
B

222439
B

215934
213843
210245 *
B

201647
B

193449
* 190967
B

180531
B

001838
001909
004958
001755
~~004958~~
001726

A

013238
013238

A

103769 *

B

3
3
2
2
3
1
3
1
2
1

21

3
2
3
7
10
4
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1
9
2
1

54

21/75

05 5622

KG 11366.088

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LIBRARY
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Wednesday Nov. 30, 1910

P. G. O'Reilly Obsv. 6" West Eq.

SS Cygni 213843 est Var. mag. < 11.7
2525 1 40
8 50 3 45 W 4 1 W

L.C. Obs. = 11.9 + 43.0

R. Cygni 193449
2544 est. 8.9 2,03
6.10 W 6,32 W

L.C. obsr. = 9.0 + 49.8

Z Cygni 195849 est. 9.0
2606 2.13
6.08 W 6,17 W.

L.C. est = 9.0 + 49.7
U Drac. 190967 clouds interfered
2613
7~~6~~.06

L.C. est 9.8 clouds near & troublesome

3 - 3

L.P.P.

Thursday Dec. 1, 1910

P. J. O'Reilly Obsr. 6" W. Eq.

W Drac.:	19 09 67 26 16 7.07 W	Clouds interfered

Saturday Dec. 3, 1910

Philip S. O'Reilly			6" West Eq.
SS 213843 2439 3.01 W	2138 2558 4,20 W	est <11.7	
U Drac.	190967 2449 5,40 W	est 9.2	156 649 W
LaC. = 9.4 est.			+66.9
R Cygni	193449 2458 5.24	est 9.0	106 533 W
			+49.9
Z Cygni	195849 2510 512 W	est 8.9	140 542 W
est. 9.0	L.C.		
			+49.4

4 - 7 L. P. P.

Thursday Dec. 8, 1910

P.G. O'Reilly Obsr. 6" W. Eq.

SS Cygni	21 3843 26 1820 4.40W. 42	est 8.7	4.49W 2.28 + 43.0
R. Cygni	1934 49 2630 6.56W 1934 2636 7.02	Too cloudy in that part of sky.	
W Drac.	1909 67 2638 7.29 W	clouds interfered	
Z Cygni	1958 49 2650 6.~~4~~2W 5	Too Cloudy	
R Drac	163266 2654 10.22W	cloudy	

Thursday Dec. 8, 1910

T Herculis	18 05 31 26 58 8 .53 W	Too Low
W Tauri 042215.8 2702 22.40		

1 — 8 L. P.

Monday Dec. 12, 1910

P. G. O'Reilly Obsr. 6" West Eq.

SS Cygni	213843 2529 3.46W	Est 8.4	3.52 W 1 31 + 43.0
U Drac.	190967' 2533 6.24 W	Var. suspected but not for certainty	6 35 W 1 42 + 67.0
T Herculis	180531 2544 7.39 W	Too Low	
R Drac	163266' 2546 9.06	est 7.2	1 50 9.10 W + 66.6
R Cygni	193449 2552 6.18	est 9.0	1 59 6.28 W + 49.9

Monday Dec. 12, 1910

Z Cygni	19 58 49 26 03 7.05W	Too Cloudy
U Cygni	201647 2605 ~~6.09~~	2617 2016 6.01W

3 – 11 L.P.

Friday Dec. 16, 1910

P. S. O'Reilly Obsr. 6" West Eyep.

T Herculis	180531 2314 5.09 W	< 8.4 1805 2320 5.15	5.22 23.27 +30.8
R Drac.	163266 2330 6.58		
Z Aq.			

1 — 12

L. P.

Thursday Dec. 22, 1910

P. G. O'Reilly Obsr. 6" West Eq.

R Drac.	1632 66 2634 1002 W		
R Cygni	1934 49 2649 7.15W	est 9.2	713 W 255 +50.0
Z Cygni	1958 49 2709 7.11 W	est 9.2	321 722 W +49.5
U Cygni	2016 47 2723 7.07W		
SS Cygni	2138 43 2738 6.00W	est 9.9	340 601 W +43

Thursday Dec. 22, 1910

W Drac 190967

234.2

~~8~~6

8.33W

3 — 15

L.P.

Sunday Dec. 25, 1910

P. S. O'Reilly Obsr. 6" West Eq.

R. Drac.	16 32 67 2603 9.31 W		
R Cygni	19 34 49 2610 ~~7~~.32 W. 6. 1934 2614 640	est 9.2	2.16 6.44 W +49.8
R. T Cygni	19 40 48 2632 6.52 W	was not sure of observation	654 W +50
Z Cygni	19 58 49 2634 6.32 W	est 9.3	237 6.39 W +49.5
~~W~~ U Cygni	20 16 47 2639 6.23 W	Placed supposed var. in center of field but made no est.	638 W 2 46 +47.4

December 25, 1910

W Drac	190967 2649 7.40 W	est 9.~~7~~8	+755 258 +66.7
W Tauri	4 22 15 3 09 ~~2 59~~ 1.2~~2~~3 E.	Too low	
+ Herculis	180531 2 7 04 8.59 W	Too low	
SS Cygni "	213843 2705 5.27 W	< 10.9	530 308 W +43

4 - 19

D. Friday December 30, 1910

P.Y. O'Reilly Obsr. 6" West Eq.

R Cygni	19 34 49	est 9.3	
	25 25		5 57 W
	5.51 W		1.30
			+49.9
RT Cygni	19 40 48		
		~~est 8.0~~ reject	6.00 W
		prob wrong region	6.40
+8; 30 L.C.Cl. est 10.7		per order P.Y.O'R	
	see		+49.3
Z Cygni	19 58 49	est 9.4	
	25 46		5 52 W
	5.48 W		1.52
			+49.4
U Cygni	20 16 47	est 7.7	
	25 54		2 03
	5.38 W		5.47 W
			+47.4
SS Cygni	21 38 43	< 11.2	
	26 04		4.28 W
	4.26 W		2 08
			+ 43.0

December 30, 1910

Espin's Nova Lacertae | O'Reilly est a > N > B

2.19

7 29 – est by L.C. = a 0.5 b | 6.60 / 7.60 / 7.10 | 6.60 / 8.10 / 7.24 | 3.45 N

~~[illegible]~~

~~[illegible]~~ B | +51.8

W Tauri | 4 22 15 | ~~est 10.5~~ est 10.3

2 28 | 4 22 15 | 3 07 | ~~+2 8 8~~

L.C. est 10.3 | 4 22 15 | 2 53 | 1:18 | ~~1 5 7~~

2 40 | 1.29

1 42

+15 9 | ~~+15~~

Espin's Nova Lacertae | est a 3, 2 b | O.R. Obs.

8 20 | 22 34 | a 2, 4 b L.C. est | 6.90 / 7.90 / 7.40 | 3 13

27 57 | 6.80 / 6 / 7.70 / 7.25 | 4 41 W

4 33

+51.9

7 – 26

L. P.

Saturday December 31, 1910

P.S. O'Reilly Obsr. 6" West Eq.

o Ceti 021403

0504

~~2.46~~ W

5°

Random 001838

0510

5.02 W

0018

5.15

4.57

H. P

Wednesday January 4, 1918

P. S. O'Reilly Obsr. 6" West Eq.

6 54	S. S. Cygni	213843 28.59 5 4.21 W	< 11.7	2.03 4.25 W + 43.0
	S Ceti	001909 0206 1.47 W	0019 0214 1.55 W	
3 29	R Cygni	193449 2633 6.59 W	est 9.7	7.05 2 38 49.9
7 54	RT. Cygni	194048	est 10.9	522 W 303 +48.0
8 02	Z Cygni	195849 27 08 7.10 W	est 9.5	7 15 W 3 11 + 49.2

Wednesday January 4, 1910

806	U Cygni	201647 2713 6.57W	est. 7.7	7.01 315 +47.2
	O Drac.	190967 2716 8.07W	est 10.1	8.24 +66.6
	O Ceti	021403 3 ~~3735~~ 1.21W	est 7.0 0274 0365 1.41W	Reject. 209W 422 +3.3
7	U Ceti	~~022813~~ 022813 0424 1.56W		

Wrong region without much doubt. North for south decl.

6 - 32

Thursday Jan. 5, 1910

	P.S. O'Reilly Obsr.		es	6" West Eq.
1904²	Nova Lacertae		~~est g v~~ ~~var 2 g f g~~ 1	
	recorded from memory est g 1, 2 f Jan. 5, 1910.		(~~g > Var, f < 2~~ ~~est~~ g 1 Var 2 f	
	S Ceti	001909 0502 4.43W	Two hours	
	o o Ceti	021403 0506 2.52W	est 8,3	
7:52 ✓			not sure please check	320 306 W − 3
	U Ceti	022813 0521 2.53W	est 9.1 ?	535 3.4 W
8.07				
				−13,6
	R arietis	021024 0537 3.27W	est 10.2	549 333
8 21				

T24

Thursday Jan 12, 1911

P. S. O'Reilly Obsr. 6" West Eq.

	Nova Lacertae		est g3, 1f	
9049		~~+9~~ 22 32 52		243 411 W + 52.0
	SS Cygni	213843 2645 5.07 W	< 11.7	517 W 254 +43
	R Cygni	193449 2655 7.21 W	clouds interfere	
	V Cygni	201647 2638 6.42 W	clouds interfere	

Monday January 16, 1911

P. G. O'Reilly Obs.

6" West Eq.

U Drac. 190967
2645
7.36 W

SS Cygni 213843 < 12.1
2700 ~~var suspected but not seen with enough certainty to determine the magnitude~~
5.22 W
528 W
3.05

near est 12.0
L.C. est 12.0
+43.0

U Lyrae 191637 Too Low
2707
7.51 W
~~458~~ W

Nova Lacertae 223252 ~~est 4 b, h2, 4 d~~
est h2, 1 α, 5 β, 3 δ
4 58 W
327
+32.0

V Cass 230759
2730
4.23 W

Monday Jan 16 1911

ST And.	233335	est 9.4	
	2747		3 52
	4.14 W		4 22
			+ 35.0
Z Cass.	233956		
	2900		
	5.21 W		

1905+

Tuesday January 17, 1910

6" West Eq. P. S. O'Reilly Obsr.

SS Cygni	213843 2707 5.29 W.	est 12.0	5.31 W 3.10 + 43.0
Nova Lac.	223252 2712 4.40 W	est h 2, ~~4 l~~ 3 b?	4.47 W 3.17 + 52.0
U Drac.	190967 2718 8.09 W	est 10.8	4.19 W 3 2 3 + 66.9
W Cass.	004958 0325 2.36 W	est 9.3	2.46 W 3.36 + 57.5
~~R~~ Y. Androm.	013338 6339 2.06 W	est 8.8	2.19 W 3 52 + 38.4

Tuesday January 17, 1910

✓ T Camelop.	04 30 65 03.55 0.35E	Pier in the way & could not continue. Set again	6.09 1.24 W
~~A. C est~~ 8.8 C.C. est 8.8	0430 0407 23E	O R est 8.7	+65.5
		Experimental	
SZ Cygni	20 29 46 28 22 7.53 W	est 9.3 20 29 28 43 8.14 W	8.24 W 5 01
			45.6
RW Cass	01 30 56 04 50 3.20 W	est 9.7 01 36 05 03 3.33 W	3.38 W 5.09
			+ 57.0
SX Cass ~~S X Cass~~	00 05 54 05 14 5 09 W	est 8.5	5 14 W 5.18
			+ 54.0

Tuesday Jan 17, 1911

Experimental

	TT Cass	000554	est 10.5	533 532W
		Long Period		+34
	X Camelop.	04 3274	est 11.8	
		0538		1.24
✓		1.06		6.02
	L. C. est 11.9			
				+74.6

Thursday Jan. 1~~7~~9, 1911

6" West Eq. T. S. O'Reilly Obs.

SS Cygni	213843 2937 7.49 W 54	Two low
ST Andron.	233335 2935 6.02 W	Two low + Cloudy
S Lyncis	063558 0538 0.57 E	Two Cloudy + low

Very sorry to have to discontinue work but troublesome clouds were a few too many for me.

Monday January 23, 1911

P.G. O'Reilly Obsr. 6" West Eq.

SS Cygni	213843	est 12.0	
	2729	21 38	604 W
	5.51 W	27 37	341
		.01	
		5.59	
		Very cloudy & Hazy	+43.0
U Drac	190967	est 10.9	
	2742		843 W
	8.33 w	Hazy (Very)	3.46
			+66 9
Nova Lacertae	223252	h 5, 2 χ^{α}	
	2747		522 W
	5.15 W		352
			51.9
RT Pegasi	215934	Too Hazy	
	2753		
	5.54 W		
R Lac.	223841	est 9.9	
	2757		5.3.5 W
	5.19 W		412
L. C. est 9.9			
			41.8

Monday January 23

Nova Lacer.	Lc. est.	est h 3, 3 8 5 y	est 4.14 ~~[illegible]~~
V Cass.	2~~30759~~ 2713 4.08 W	230759 2823 5.18 est 11.3	5.06 +603 +59.0
SI Andr	233335 2908 5.35W	est 9.8	543 513 +35.0
Z Cass	233956 2917 5.38W		4.46W 5.33
✓ W Cass	004958 0522 4.33 W	est 9.1	+57.9

Jan. 23. 1911

y And	01 3338 0535 4.02 W	est 9.5	4.07 539 +38.7
X Urs. Maj	08 3350 0549 ~~2.51~~ ~~3.16~~	0821 51 0554 2.27 ~~W~~ E as my neck was not in good condition I failed to get the var.	
y Drac.	093178 0600 3.31 E		
T ~~X~~ Camelop	043065 0613 1.45 W	est 9.0	630
R. C. bot	8.9		
U Urs. Min	~~1437~~ 141567 650 7 25 E	est 11.3	4 43 E 6.59 67.3

Jan. 23, 1911

✓	X Camelop	043274 0701 2,59 W	est 11.5	711 238W 774.5
	S Camelop	053068 0713 7.43 W	~~est 11.0~~	~~238~~

Tuesday January 24, 1911

P. S. O'Reilly Obsr. 6" West Eq.

SS Cygni	213843 2725 5.47W	est 12.0	3.30 + 43.0
U Drac.	190967 2735 8.26W	est 11.0	8 36 3.39 + 66.8
RT Pegasi	215934 2800 6.01 W	< 9.6	419 6.21 W + 34.4
S Lyncis	063558 0444 1.~~4~~1 E 31 063258 0449 1.43E		
SZ Cygni	202946 2908 8.39 W	Two low	

Tuesday Jan 24, 1911

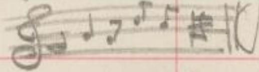
SS Drac 12 2169
5 15
7.068

I had too watch the new patterns so therefore had to discontinue.

N.B. The sky was very poor + good observations took a good deal of time.

excuses →

(I love my long period, But oh! you Algols stars)



Did not feel much like work as Mr. Campbell was not here.

66 Obs to date.

Saturday Jan 28, 1911

6" West Eq. P. S. O'Reilly Ob

	SS Cygni	29 3843 2644 5.06 W	est 12.0	 2.48 5.10 W
				+42.9

Monday January 30, 1911

P.S. O'Reilly Obsr. 6" West Eq.

SS Cygni	213843	est 11.8	
	2700		301
	5.22W		5.24W
			+43.0

Sunday February 5, 1911

T. E. O'Reilly Obsr. 6" West Eq.

SS Cygni 1938 43
2825
8.473 W

Saturday February 11, 1911

S.S. Cygni 203843

Wednesday Feb. 15, 1911

P.S. O'Reilly Obsr. — 6" West Eq.

SS. Cygni	213843	est 11.6	4:45 W +42.9
U Drac.	190967 2846 9.37 W	est 11.5	4:49 3:49 +66.7
RT Pegasi	215934 2852 6.53 W	Inv Low	
ST Andro	233335 2856 5,23 W	est 9.2	4,59 W 5.26 +35.0
T Camelop	043065 0500 .30 W	est 8.9	0,33 W 508 +65.6

19083

Wednesday Feb. 15, 1911

X Camelop 043274
0509
.37W

Nothing doing Tel against pier

est. 9.6

✓ W Cass. 004968
0512
4.23W

Tuesday February 21, 1911

19089

T.P.G. O'Reilly Obs. 6" West Eq.

SS Cygni	213843 2900 7.22W	est 12.0	524W
			+42.9
T Camelop	043065 0503 .33W	est 8.8	
✓		Pier being in way I was unable to center Var.	
S Camelop	053068 0588 27E	est. 9.3 0530 0839 3.09W	0.33W
			+65.0
T. Can. Ven.	122532 0844 3.41E		
V Cancri	081617 8849 33W		

19098

Thursday March 2, 1911

T.S. O'Reilly Obsr. — 6" West Eq.

001726 0650 6.33W	T Andron.	est 8.5(?) (Var. not surely.)	7.5 6.58 W + 24.8
✓ W Cass.	~~00~~4958 0706 6.17W	est. 9.7	7.12 6.21W + 58
✓ R And	013238 0713 5.41W	< 11.1	7.24 5.52 + 37.6
✓ Y and	013338	est < 10.9	7.20 5.48 + 38.8
✓ X Camelop	043274 0723 2.53W	est 8.4	7.28 2.53 + 24.6

March 2, 1911

C	T Camelop	043065 0730 300 W	est. 8.8	7.34 3.3W 65.3
	R Leporis	045514 0845 3.45W 3.50W	est 10.9 Reject wrong region or Reading Error. L.C. Mar. 3. 1911.	9.1 2.54W +3.
	W Aurigae	052036 0903 3.43W	< 9.5	9.19 3.58W +36.3
	S Aurigae	052034 0920 400	< 10.5 <	9.27 4.7W +34.0
	X Aurigae	060450 0928 3.24W	est 10.6	9.35 3.30W +50

March 2, 1911

S Camelop	053068 09 36 4.06W	est 10.9	4.10W 9.40 68.5
S Lyncis	063558 0942 3.07W	est 10.9	9.47 3.11W +57.6
S Hydrae	084803 09 49 1.01W	P	
V Cancri	081617 10 04 1.48W		

Saturday March 4, 1911

P.S. O'Reilly Obs. 6" West Eq.

Orion		eye est .2 brighter that Jan [illegible]
S T and.	233335 3102 7.29W	Var. seen but too low + hazey to make est.
Z cephi	021281 0707 455W	I could not get at it as pier was in way
T cati	021403 0711 4.57	

19117

Tuesday March 21, 1911

R.S. O'Reilly Obsr. 6" West Eq.

+ Orionis ~~S. W. Tauri~~ 3* > σ Tauri

N.B. I am out too beat Alcott (Do you think I will?)

	T Cass.	001755	est 8.4	
✓		0717 7.00 W		7.21 7.07 W
	eastern app.	7.10		
				+55.0
	W Cass.	004958	est 10.1	
✓		0723 6.34 W		
	E 7.20			
	Y And.	013338	< 11.6	(
✓		0730 5.58 W		7.42 6.10 W
				+38.0
	RU And.	013838	est < 11.4	
✓				7.37 6.04 W
				+38.5

Tuesday March 21, 1911

Vernal Equinox 5.54 G.M.T. First day of spring

✓	W Persei E.T 7:40	024356 0744 5.01 W.	est 11.3	7.48 5.04 +55.5
	S Aurigae	052034 0750 2.30 W	est 10.4	2.34 W 7.55 +33.9
	U Aurigae	053531 07 57 2.22 W	est < 11.0 as the var was faint + 11.0 was near I thought I would make one of 11.0	
~~3~~ E.T 9.10+	V Camelop	054974 0911 3.22 W	est 10.4	3.30 W 9.18 +74.0
	S Gemis	063558 0920 2.45 W	est 11.8	9.25 2.47 W +57.6

Tuesday March 21, 1911

ET 9:30	γ Monoc.	065111 0928 2.37W	<12.0	9:40 2:48W
				+11
	V Can Min	070109 0942 2.41W	<11.4	9:53 2:51W
				+9.9
	R Ursa Maj	103769 955 .42E	est 10.7 quite hazy in in above region	0.37E Obs much affected by haze L.S. Reject
				+68.~~0~~4
E.T. 10:20	T Can Ven.	122532 1006 2.19E	<11.1 122432 1016 2.08E 1030	1033 ~~2.01~~ 1.50E
				+32.5
	R Corona B.	154428 1035 5.09E	Too Cloudy in region also hazy now it is clouding up I think	3 P.

Thursday March 23, 1911

P.S. O'Reilly Obs. 6" West Eq.

ET 9:15

S Aurigae	052034 0919 3 59W	est 10.4	9.28
			+33.9
V Camelop.	054974 0930 3.41W	est 10.3	9.32 3:46W
			+74.2
S Lyncis	063558 0934 2.59W	est <11.4	9:37 3.01W
			+57.9
Y Mon	065111 0940 2.49W	est <12.0	9:49 2:58W
			+11.0
V Can Min	070109 0950 247W	est < 11.7	9:56 2:53
1			
			+8.9

R Cor. Bor. 154428

958

6

Prof. Wendell wants me my

(For badge?)

19120

Friday March 24, 1911

6" West Eq.   P. G. O'Reilly Obs.

	U Aurigae	053531 1007 432W	< 11.0	10:11 4:35W
9:45				+31.9
	X Monoc.	065208 1013 3.21W		
	R Gem	070122 1019 3.18W	< 9.6 no more comp stars.	9.29 3:28
				+22.9
	U Puppis	075612 1030 2.34W	075412^{5} 1041 2.47W	
	T Hydrae	085008 1046 7.56W		

	S.T. And.	233$\overset{3}{\cancel{2}}$35 3154 8.1~~2~~W 2	Too Low	
7:15 C ✓	y and,	013338 0757 6.24W	est < 11.4	8:02 6:32W +38.8
✓	RV and	013238	< 11.6	8:06 +38.0
	o Ceti	021403 0808 5.54W	too Low	
	R T & S Tau	042209 0811 3:49W	clouds.	

S Camelop. 0530 68
0819
249W

March has been copied

19'28

Saturday April 1, 1911

P.G. O'Reilly Obs. — 6" West Eq.

7.16 ✓	R~~S~~ Tauri ✓	042209 0810 3.48 W	< 10.6	$\overset{8}{\cancel{10}}$.14
7:17	~~R~~ S Tauri C	042$\overset{3}{\cancel{7}}$09	10.4	
7:25 ✓	S Lyncis	063558 0820 1.45 W	< 11.0	8:23 1:43 W +57.5
	o Ceti	021403 0824 6.10 W	two low	
7:42 ✓	R Lyncis	065355 0827 ~~20~~ 1.34	est 10.4	8:40 1:48 W +54.8

I called the top one < 10.6 & bottom one about 10.4 as comparison stars are few P.S.O'R

1912-8

April 1, 1911

7 59	R Aurigae	050953 0843 ~~2.34~~ W set on wrong region at first	est 9.2 050953 0852 3.43 W	8.57 3.47 W +53.2
8 03	V Camelop	054974 0858 3.09 W	< 11.3	9.01 3.12 W 74.2
8 12	~~[illegible]~~ W Cass.	004958 0904 8.15	est 9.8	9.10 4.25 W +57.8
8.17	X Camelop	043274 0912 4.40 W	est 9.8	9.15 4.44 W +74.9
8.19	S Camelop	053068 0917 3.47 W	< 11.2 var not seen with enough certainty to determine mag.	

April 1, 1911

8.28	T Camelop	043065 0926 4.52 W 6	est 8.5	9:27 +4:58 +65.5
8 31	x Aurigae	060450 0929 3:25 W	< 11.2	9:32 3:28 +50.0
	R Cor. Bor.	154428 934 6.10 E		

19' 30

April 3, 1911

6" West. Eq.

	T Cass	001755	est 8.5	
7:17		0814		8:19
✓		7.57 W		8:05 W
				+ 55.0
	W Persei	024356	est 11.7	
		0821		8:23
✓		5.38 W		5:40 W
7:21				
				+ 56 3
	Y Persei	032043	< 11.1	
		0825	(+ I think the mag	513 W
7:30		5.05 W	is about 11.4?)	8:34
				+ 43.6
	S Aurigae	052034	est 11.7	
		0835		319 W
		3.15 W		8:41
7:37				
				+ 34
	R S Gem.	065530		
		0842	I have to go now	
		1.47 W		

April 3, 1911

9:45	R Gem.	070122 1035 3:34	est 85 06 56 23 0042 3.46 W	~~9:4~~ 10:49 3:44 W +24
		do not give much credit to this obs.		
	V Can Min	070109 1050 3.49 W	154428 1118 4302 26	
	S Can Min	072708 1109 3.42W		

1913✓

Monday April 10, 1911

6" West Eq. P. S. O'Reilly Obsr

	T Tauri	041619 0926 5.05W 5:10		
8:02	T Camelop ✓	043065 0928 458 W	est 8.7	502 9:31 +65.5
8:08	RX Tauri ✓	043208 0933 5.01W	est 9.2 I am not sure of region or Var as haze prevented accurate obsr,	9:37 5:06 +0,8
8:13	X Camelop ✓	043274 0939 5.07W	est 10.2	9:42 5:13 ✓ 74.2
8:22	R Aurigae	050953 ~~0944~~ 4.35 W	est 9.2 050953 0948 4.39W	4:43 9:51 +53.3

april 10, 1911

	S Camelop.	053068	est 8.6	
8:27		0953 4.23W		9:57 4:29
				68.5
	U Aurigae	053531	<11.0	
8:35		0958 4.23W		10:04 4:28
				+31
	V Camelop	054974	est 11.3	
8:41		1006 4.17W	I think this is the var. If not it is the 11.3 + that applies to star 11.3 = est	10:10 4:22 +74.3
	W Persei	024356	<10.8	
8:52		1012 7.29W		10:21 7:40
				+56.1
	U Ursae M	141567		
		1026 3.49E	Time Stars now	

just see what I got for breakfast?

Tuesday April 11, 1911

6" West Eq

P. G. O'Reilly

	SS Cygni	213843	est 12.0	
15 8:40		1652 4.46 ~~8~~ E	233843 1700 4.38 E	4 32 E 43.7
	O Ursae ~~Maj~~ Min	~~O U~~	<11.0	
15 8:46 ~~8:59~~		141567 1711 2.56 W		
	R Cor. Bor	154428 1717 1 33W	est 7.8	
15 8:52				
	RV, Her.	165631 1723 1 29W	<11.2	
16 9:00				5 30 0 32W
				+30.9
16 9:06	S Bootis	141954 ~~17 32~~ 3.13W	est 8.4	317 5:37
				+54

april 11, 1911

	T ~~Can~~ Urs Min	133273 1739 4;07 w		
16 ~~4~~:16	R Urase Maj	103769 1743 7 06 w	est 10,5	5:46 7:11 6.93

30

April 18, 1911 Tuesday

6" West Eq. P. S. O'Reilly Obs.

7:57	V Camelop.	054974 0952 4:03 W	est 11.6	9:57 4:08 T 74.0
8:11	δ Lyncis	063558 0958 3:23 W	<11.0 0635 1008 3.26 W 3 3 3	10:11
~~1~~ 8:17	ψ Mon.	065111 1013 3:22 W	<11.7	10:17 3:27 + 11.1
8:35	V Can. Min	070109 1019 3.18 W	<10.3 0700 1027 3:26	10:35 + 09
	R Can. Min	070110 1035 3:34 W	No comp stars to est brightness	

April 18, 1911

	~~1037~~ 69		∠11.3	
8:49	∠1041 0.04			10:49 1.408
	T. Can Ven	122532 1043 1 422		T32.0
	RU Virgin	124204 1050 1.52	Hazy,	
9:00	R Cor Bor	.54428 1054 4.508	est 7.2	11:00 T280
	Y Cam	043274 11.06 6.29 6.34		

19151

Monday April 24, 1911

P. G. O'Reilly Obsr. 6" West Eq.

R Camelop. 043274 est 10.6
1052
6:20W
8:35 ✓

+25

V Camelop 054974 est 9.5 5:19W
1101
5:12 W
8:40

+74

T Camelop 043065 est 9.3 11:07
1105 6:37
6:35W
8:45 ✓

+65

X Aurigae 060450
1111
5:07 W

June 01, 1911

P.S. O'Reilly Obs.

6" West Eq.

R Comae B.	11h5919 1335 1.36 W	213843 1342 7 ~~2~~ 6 5 1349 193449 5:45 W

September 14, 1911 Thursday

Philip J O'Reilly Observer 6" West Eq.

R. Ursae Maj 10 37 69
19 17
8.40 W

R Comae Ber. 11 59 19
19 24
7:25 W

T Canes Venat 12 25 82 <11.9
19 28
7 03 W

E. T.
7:42±

19:32
7:00

+ 81.9

R Canum Ven. at. 13 44 40
19 39
5:55 W

14 19 54
1943
5:24 W
7

13 44 28
1952
4 08 W

193449
1953
19W

213843
20000
1,38WE

J.M.J.

Tuesday Sep. 26, 1911

6" West Eq. Philip J. O'Reilly Obsr.

Quenisset Comet. 14 45 70
2033
5.48 W

14 45 70
20 47
6.02 70

No tail
very fuzzy object

Brooks Comet
No tail ~~fuzzy~~ ~~object~~

14 44 49 8
beautiful tail 20 45
6 01 W
about 3 degrees long

+68.2
66.0

5.58
4.18
+48

S. S Cygni 21 38 43
20 53
0 45 8

R Ursae Maj 10 37 69
2057
1 6.20 W

It clouded over
unable to finish
observation
Sorry
Phil

Thursday Sep. 28, 1911

6" West Eq. N.B (College opens today) Phil O'Neill Obser

Brooks Comet 14 13 46.5
19 37 Tail to naked eye 6° long
5:24 W to tel about 20°
5:29 W Mag. about [illegible] 4 2

Quenisset's Comet 14 58 66 14 58
19 58 19 83
14586 4:56 W 5:05
14 56 66
19 12
5 16

J N1 J

6" Wes E. Tuesday October 24 1911 [illegible]

R Can Ven 134440
2139
7.55W

R Cygni 193449 est 8.7
2379
341W
3.45

T 50

SS Cygni 213843 est 12.0
2324
1.46W very low

S Herculis 164715
2327
6.40W

2329
2343
14

37
29
29
23
1.08

SS Cygni

213843
2208
~~26~~ W

24 0 5 30
20 16 47
3.49

21 3843
24 00
2.22 W

19383

Tuesday December 12, 1911

6" West Eq — Phil Observer

	SS Cygni	213843	Too Low
	U Cygni	201647	Very cloudy in region
	R Cygni	193449 2407 4.33 W	Cloudy in region
✓	T Camelop.	043065 0010. 4.20 E	est 8.8
	V Camelop	054974 0018 5.31 E	Too Cloudy to Continue

~~T Herculis~~	1805	Very Cloudy
S Herculis	164715 2425 7.38 W	
R. Comae Ber.	115919 2427 12.26	

193844

6" West Eq. Wednesday Dec. 13, 1911 Phil Olsen

	SS Cygni	213843	est. 12.0 high power used
	V Cassiop	230759 2738 4,22W 26 4,32	0214 0337 1,23W
	T Cas.	001755 0342 3,25W	001755 0352 3.35W
10 37 37.			look star up when have time
	ST. Andr.	233335 2800 4,23	< 10.6 ✓
	~~[illegible]~~	004958 0411 3.22 W	est 9.2

RV And 013238 To Low

0422

~~59~~

250

193449 est 91

2830

8.5 /W

56

130 to date

19385

December 14, 1911

6" West Equatorial

[illegible] Obs.

	U Urs Min.	11567	est < 11.4	
				10:28
			✓	
				+67.5
	W Persei	024356 01 11 1.32 E	Very Very cloudy	
✓	X Camelop.	043274 0136 2.56 ~~W~~ E	est 8.6 ✓	~~41 28~~ 0 ~~2~~8 W 1 46 2 56 76.5 ~~+76.5~~
	V Camelop.	054974 0130 4.19 E	est 11.4 ✓	1:35 41.22 E +75.6
	X Aurigae	060450 0147 4.17		

December 19, 1911

Phillips G. Observatory Obs. 6" West Eq.

SS Cygni	213843 2325 1.47 W	2510 213843 23.32 W to now est 12.0	4:15 2:16 +43
T Cor Bor	154428 23~~58~~34 7.44W 30 806	2138 2557 4.13W	
W Cor Bor	161138 23~~3~~46 7.25 W 30	<11.2 1611 1647 ~~2~~439 ~~2~~440 ✓ 8.28 7.53W 2508	+38
S Herculis	164715	est 10:5 ✓	7:58
+ Herculis	180531 2657 ~~7.46 W~~ 57 ← = plotted	18 2508 25.08 1857 1805 6.31 7.03	

1939d

December 19. 1911

R. Cygni	193449 2328 6.44W 6.53	est 9.6 ✓	+6.41 +49.8
U Cygni	201647 2704 6.48W	est 7.8 ✓	307 6.53 +47
~~F Androm.~~ RT. Pegasi	001726. 0347 3.30 215934 2710 5.11	2224 2715 4.51	
S Lacertae	222439 2719 4.55W	<11.1 222439 2725 5.01 ✓	+39.5
V Cass,	230759 2735 4.26W 29	< 11.2	

✓ = plotted

[illegible]

Dec. 19. 1911.

	ST And.	233335 2742 4 09W	est 10.7 ✓	4:09 3:46 +34.9
C ✓	W Cass.	004958 0350 3.11	est 10.2 ✓	3:58 3:16W +57
	T Camelop	043065 0415 15E	20	

20 = 9

✓ = plotted

19390

	SS. Cygni	213843 28 14 6,36W 42	est 12.0 2138 2948 8,10	
✓	T Camelop	043065 0436 6W	L 9.6	
	W Cass.	004958 0504 4 05W 4,11	0432 2910 0520 48 2016.47 1934 8,54 2918 9,44	
	U Cygni	201647 2910 8,54W	est 7.6	
✓	X Camelop	043274	est 9.2	

19390

V Camelop	054974 0538 21E 6	Hazy 0604 0540 024	
SS. Cygni	~~Dec. 23, 1911~~ 213843 2840 7,12W	est 8,6	6" West Eq.
R Cygni	193449 2650 7,21W	est 7,3	
V Cygni	201647 2840 834W	est 7.6	

Very Very Windy

December 28, 1911, Thursday

6" West Eq

~~Phillips G.O.~~ Kelley Obs

SS Cygni 21 38.4]
25 50
4 12 W

Dec. 29, 1911

6" West Eq

SS Cygni ~213843 est 10.3

2925

7.47 W

Dec 30, 1911, Sat

SS, Cygni	21.38 43 29 20 7.42 W	est 10.5	
S Cygni	20.03 57 28 40 8.33 W	est 10.3	

9402

Monday January 1, 1912

6" West Eq. Thin [illegible]

SS Cygni	2138 43 29 30 1.52 W	est 10.6

19421

Friday. January 19, 1912

6" West Eq. Philips G. O'Reilly Obs.

	S.S. Cygni	213843 3000 8,22 W	est 12.0
✓	X Camelop	043274 0600 1,28 W	est 10.5
	V Camelop.	034974 0607 416	

Sunday, January 21, 1912.

6" West. Eq. Philip S. O'Reilly Obsr.

SS. Cygni	2138 43 2755 6,17W	clouds very troublesome thick haze	
T Cass.	001755 0402 3,43 2820 1934~~9~~ 8,46W	able to see the 6-7,5 stars but could not see the 8 or greater 2973 19.32 1951	

19425

Tuesday, January 23, 1912

6" West Eq. Philip J. O'Reilly Obs.

	S.S. Cygni	213843 2908 7.26W 7.30	est 12.0 2138 2921 7.43W Very Windy	
	R Cygni	193449 2942 10.08W	est. 7.6	9:47 10:08W +50W
	T Cass.	001755 0549 5.32W	est 7.6	5.52 5:32W +55
	T Camelop	043065 0554 1.24W	~~est 7.5~~ Very hazy 3007 2016 951	
		201647 3014 9.58W	est 7.5	9.57 6:16 +47.5

Jan. 23, 1912

V camelop 054974 identified 7.7 but
0618 unable to see Var,
.29W very hazy

0432~~2~~4 0049 0049
0625 0628 0650
7.53 5.40 6.05

Total cloudy now
10:30?

19426

Wednesday January 24, 1912

11:15 ±	SS Cygni	213843 3144 10:06	[illegible]	7:47 10:14 +43.1
	R.U And	013238 0751 6.19W		
	X Camel.	043274	< 10.1	8:12 +75 5
	T Cas.	001755 0739 922	est 9.8	~~9.8~~
	T Camelop	043065	9.1	

T And	001726 1002 9.45	<9.8	

Xf. 19437

Sunday February. 4, 1912

8" Pober Eq. Philip I O'Reilly Obsr.

Set on Nebula in Orion to test which way the circles read

V. Cass	230759		
	2822	building in way	
	5.15 W		
	2138	054920	
	28.19	0505	
	6.41	044	
V Camelop	054974	" " "	
	0435	0500	
	1[illegible]4 E	043065	
V Can Min	078109	0.30	
	0437	001755	
		0502	
U Orionis	2.24 E	4.45	
	054920	est 8.0 ?	5:15
			0:358
			+ 20.0
R Can Min	070310		
	0515	021403	
	1.48 E	0523	
		3.11	
065111		103769	
533		532	
1.18		5.05	

$19^{x}37$

Sunday. Feb. 4, 912

f

C	o Ceti	021403 0525 3.11	st 9.2	528 3:14 — 3¼°
	V Mono.	065111T	est 10.5	1.30ε 5:58 +11.5

23°

Monday February 5, 1912

8" Polar ~~ref~~ Eq. Philip J. O'Reilly Obsr

Eastern Time	S Hydrae	084803		
		452		3:40 E
7:45		3:56 E		4:08

I forgot some how to put the mag. down for this star but I think it over and try and recollect. +3.4

	V Can. Min	070109	est 10.5	
		0528		5:43
8:28		133 E		1:20 E
				+9.0
	O Ceti	021403	est 9.2	
		0520		5:23
8:10 ☾		3.06 W		3:09 W
				+3.5
	R Can Min	070110	est 8.3	
		0345		5:50
8:36		1:16 E		1:12 E
				+10.1
	V Mono.	065111	est. ~~9.8~~ 10.0	
		0554		6.03
8:50		.57 E		
				+11.3

February 5, 1912

8:58±	X Aurigae	060250 0606 .04W	<11.2	6:15 .10W + 50.3
9:10	U Aurigae	053531 0617 .42W	est 9.4	48W 6.23 + 31.8
9 22	W Aurigae	052036 0623 1.05W	est <11.9 I think I saw the star	1.16W 6:36 12.2? + 36.9
9.33	S Aurigae	052034 0638 1.18W	est 10.6	1:27 6:48 + 34.1
10;10	S Lyncis	063558 0653 18W	<11.0	49W 7:24 + 57.8

9 Bright Moon up now

94

waited
hour for
tove to heat
0° above when
I first came

1.3°

Sunday February 11, 1912

Philip G. O'Reilly Observer 8" Polar Eq.

	S Aurigae	052034	est 10.6	
903		0636 1.16W		641 1:21W
				+ 33.9
	W Aurigae	052036	est 12.0	
9:14		0645 1.25W		6:52 1:32W
				+ 36.7
		053531	est 8.9	
9:24	U Aurigae	06.55 1.20W		7:02 1:27W
				+ 31.8
	X Aurigae	060450	< 11.2	
		0705 1.01W		7:18 1:16W
			Look up star maker	
				+ 50
	V Can Min	070109	< 11.3	
9:49		0720 0.19W		0:24W 7:26
				+ 9.1

February 11, 1912

~~+09:53~~	Y Mon.	065111 0729 .38W	est 8.8	7:30 0.40W +11.2
	R. Can Min	070310 0733 .30W	could not identify	
10:08	S Lyncis	063558 0743 1.08 W	< 11.0	7:47 1:12 W +57.9
10:20	U Orionis	054920 0750 201	est 8.8	7:57 2:07 W +20.1
	T. Can Ven.	122532 0800 4.25E	est 12.3 High power used hazy	8:06 4:18 E
99/18	no more charts			+32.0

4 ✓
19445

Monday February 12, 1912

8" Polar Eq — Philip S. O'Neill Obs

	R. V. And	013238 0441 3:09W	est <11.6	~~7~~4 53 3:1~~8~~2 +38.2
70~~8~~6 ✓				
	~~R~~ Y And.	013338	est 8.8	4:50 ~~W~~ 3.19 W +38.9
709 ✓				
	o Ceti	0212 0500 2:48	est. 9.1	5:08W 2:53 −3.4
7:2~~5~~5 ✓				
	S Aurigae	052034 0515 .058	est 9.4	5:19 0.00 +33.9
7:36				
	W. Auriga	052036 0521 01	<12.3	.18 W 5:38 +31.7
7:55				

Feb. 12 1912

7! 58	U Aurigae	053531 0541 06	est. 8.9	5!42 0!07 +31.7
8!07	U Orionis	054920 0545 ~~56~~ 04	est 8.6	0,02 5!51 +20,1
8!16	X Aurigae	060450 0552 ~~48~~ 12	<11.2	−0,3 5!59 + 50
8!40	S Lyncis	063558 0609 set ~~[illegible]~~ 26 8 0635 0617 18	est 12.1 Ther is not enough comp star in region faint enough	12m 8 6!22 +57,9
8 50	Y Mon.	065111 0625 26 2	~~est~~ 8.9	−17.8 4.4

11.4

February 12, 1912

7:28	V Can Min 0701 0767 06	070109 0636 25W 0701	<11.7 ? + 0701 0650 011	9^m W 7:12 + 9.1
9:32	R. Can Min	070310	est 8.4	12^m W 7:50 + 10.1
9:43	S Hydrae	084803 0718 130E	est 12.2 ? No comparison stars near difficult to est mag.	1.23E 7:26 + 3.3
	V Mon	060702	est <11.6	

I am not sure of star I need a 11 m chart to go with Photo one

− 02.2

10:38	042209 0813 3.46 0422 0813 3.51	S Tauri	< 10.6	8 21 W + 10.1

Feb. 12, 1912

10.40	~~R~~ T Tauri	042209	< 10.6	+10.0
10:52	Z Aurigae	055353 08 24 2.31	< 9.9	8:36 +53.6
	R Aurigae	050953 0837 3.28 050003 08 40 3 40	Building in way	
11:01	O Orionis	050003 0840 3:40 0652 0848 1.56w	< 10.8 Hazy in region 065355 0905 8 2.12	8:46 3:45 +3:19
11:26	R Lyrae	065355 0905 2.12	est 8.1	9:08 2:16 +55.3

February 12, 1912

	R, R Mon	071201	est 11;4	
		0911		
		1,59		2:11
11:40				9:25
				+1.2
	R Ursae Maj	103769		
		925	Building midway	
		1^{12} W		9:35
	R Leon	094211	est 8.8	
11:52		09~~27~~ 35		6 Ɛ
		~~154~~ 7 Ɛ		+11.9
	T Canum Venat.	122532	< 12.2	
		0938		
		3.1^{3} Ɛ		3:13
11:58				
				+82.0
	R, Comae Ber.	013919	est 7,~~7~~ 8?	
		944		
		2^{15}	Very hazy	

43 to date
23
66
9.2 in a of Feb.

22
~~19~~ 8
~~4~~

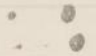
19446

Tuesday February 13, 1912

8" Polar Sq.

Obsr Philip G. O'Kelley

Nebula in Orion + And.



6 4 3				
	R. And.	001838 0441 4,23 W	cannot see	
	S Ceti	·001909 0445 426	Building in way	
7:03	Y And	·013338 0447 3,14	est 9,0	450 3:17 +38,9
7:06	RU And	0132~~8~~38	est < 11,6	4:53 3:20 +38.2

19446

February 13 1912

	O Ceti	021403 0455 2,41W		
	R ceti	02000 0514 314	022150 0529 308	
7:52	R.R. Persei	022150 0529 308	est < 11.6	3:17 5:40 +50.8
7:58	S Auriga	052034 0542 0,22	est. 9.6 -	$.23^{m}$ W 5:45 +34.0
8:05	W Auriga	052036 0547 27	< 12.2	5 52 $.32^{m}$ W +36.8

19446 February 13, 1912

8:07	U Aurigae	053531 ~~0630~~ 0554 .19 W	est 8.9	19m W 5:55 +31.9
8:10	U Orionis	054920 0556 07 W	est 8.5	5:58 0.08 W +20.0
8:15	Y Mon	065111 0600 ,51 E	est 8.8	6:02 0.49 E +11.4
	X Aurigae	060450 0604	< 11.2	6:07 0,03 W +50.2
8:23	V Carinae	070109 0609 52 E	< 11.3	52m E 6:10 +9.1

February 13, 1912

R Camelopardalis 070310 est 8,2

8:25

6:13
0.50 ε

+10,2

S Hydrae 084803 est < 10.5
0615
~~27~~
2,33 ε

8:31

6:17
2:30 ε

+3,3

S Lyncis 063558 est < 11.5
0620
15 ε

8:36

0.12 ε
6:23

+58,0

RX Tauri 043208 est 11,4
0625
1,53 W

8
~~9~~:43 C

6:30
1,58

8:03

on Same chart as R X T. est <11,9

8
~~9~~:45

6:31
1 59

8:06

19446

February 13, 1912

	R. Trianguli	023133 0633 402	<8.3	4:2 6:46
	No sure of stars here region all ok,			+34.0
9:05	R Tauri ✓	042209 0648 2:26	< 10.6	652 231 +96 ~~231~~
9:06	S Tauri ✓	042309	<10.6	652 231 +95
9:12	R. Aurigae	050953 0655 1146	est 9.3?	152 6:59 +53.5
9:15	V Cancri	081617 0701 1158	< 10.8	7:03 1:148 +17.5

3' 00

February 13, 1912

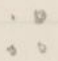
	R Leonis	094211 8705 2.378	est 8.7	7.06; 2:35 +11.8
9:30	SS Aurigae	060547 0709 1 04	<11.6	1:12W 7:16 +47.6
	W Persei	024556 0718 4.33 060430 0719 1 13	Building in way	
9:36	X Gem is this right star	060430 0719 1:13	<11.4 ?	7:23 1:16 30.3
9:45 am Day Time	Z Tauri	054615 07:23 ~~1.24~~ 139	3/6	

(944) 3:00 Wednesday February 14, 1912

8" Polar Eq. Philips I. O'Reilly Obr.

Nebula in Orion

obsv. stars I think vary in nebula



same as last night

R Ceiti 022000 est ~~9~~ 9.6

0530

3.10W

655 C ✓ 5:47

0223

0537 3:27

3 14 -0.8

R, X Tauri 043208 <11.9

0549

1,17

~~7:10~~ C ✓ 1 22

~~6:55~~ 7 5:54

7:05 + 8,1

another Var on same chart est <11.9

1,22

061702 0228

7:05 0600 0556 554

178 3.26

+8,1

R,R, Persei 022150

0604 So far west for dec

3,43

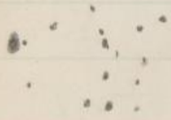
February 14, 1912

Z Tauri 054615 est 12.5
0605
19
7:28 6;18
0.32
saw 13.1 mag.
+15.7

S.S. Aurigae 060547 est < 11.6
0621
16
7:40 6;38
0:26
+47.6

081617 V Cancri < 10.2
6635
1,41 E 6:43
1 33 E
Noticed 2 stars not marked on chart. try and get photo.
+17.5

R. Aurigae 050953
0647
1,38 W
Set on field and this is what it looks like



darkness of dots = mag ±

R. Trianguli 023133
0702
4.31 To new building

February 14, 1912

	R. Leonis	094211 0708 2.34 E	est 8.8	7:12 2:30 E +11.9
	watch companion star ~~8.6~~ 9.6 for varibelity			
	Y Gem.	060430 0714 1.10 W	need H.M. for region	
9:30	S Lyncis	063558 0720 45 W	<11.0	7:21 0.46 W + 57.9
	W Persei	024356 0722 4.39	To far west	
	S Hydrae	084803 0723 1.254 E	<10.2	7:25 1:22 + 3.4

February 14, 1912

V Can Min	070109 0727 26	<10,9	0727 0.26 +8.8
R. Can Min	070109	est 8.4	0.27 7.30 ~~7+~~10
X Aurigae	060450 0731 1,27W	est <11,2	0733 7.30 +50,2
Y Mon	065111 0735 44	est 9,3	47 7.38 +11.3
U Orionis	054920 0740 1,51W	est 8.6	7.40 1.52 +20.1

9447

February 14, 1912

	V Aurigae	053531 0742 2 07	est 8.9	7:44 2:08 + 31.9
	W Aurigae	052036 0746 2 26	< 12.1	7:49 2:30 W +36.8
	S Aurigae	052034 0752 2 32	est 10.1	7:56 2:36
	cluster 33.9 2:23			+34.1
C	R, +S Tauri	042209 0758 ~~38~~ 3,36	est 10.7	8:03 3:39 +9.8
C	S Tauri	042309	est 10.4	

February 14, 1912

R. Comae Ber.	115919 0818 3,46 8 47	est 7.4 ?,	8!21 31.39 +20
T Can Ven	122532 0823 4:02 3	1225 0823 402 < 11.9	8!24 4.00 +32.0

85 todate.

36
12
1

21
63
84

12
7:10

5
19449

Friday February 16, 1912.

8" Polar Eq.

Philip S O'Reilly Obsr

nebula in Orion

6529 + 05
0448
.41 E may be faint ?
about the same

013238 ~~R and.~~ est 8.9
0457 V and
3.25 W
7:03 C✓ 5:00
3:28

+ 38.8

R U and.
~~V and~~ 013338 est < 11.6

7:06 C✓ 5 03
3:31 W

+ 38.1

022000 R Ceti est 93 #
0305 05.08
2.45 W 0223 5:12
2.45 252
7:15 # is this star a double?
C✓

− 1°

R.R. Persei 022150 < 11.6
05 14
7:40 C✓ 2.53 W Saw var but did 5:37
not like to make est 3 ' 16

+ 50.7

February 16, 1912

8:01	✓	R. Triang.	023133 0540 309	est 9.5 If this is right star?	5:59 3:27 +348
8:08	✓	R Arietis	024217 0600 3,18	est 8.7	6:06 +169 3:24
		W Persei	024356 0608 3,25	To far west for dec. 0320 0610 2,50 0320 0624 404	
8:30	✓	Y Persei	032043 0624 304 W	< 11,8 0331 632 3 1	6:~~30~~ 29 308 +43,~~8~~ 6
8:55		- Tauri	033105	est < 12,2 0357 0636 239	6:34 3:03 + 5°

February 16, 1912

	R. W Tauri	035727	est <11,6	
		0636		
8:46		239	This is first time observed this star is it right? I think it is.	2:45 6:44 +27 8
	R. Tauri	042209	if ~~Var 9~~	
		0650		
		2,28W		
	S Tauri	042309	est 10,2	
C				
	R. X Tauri	043208	est <11,9	
		0700		
9,5 C		2.28 W		7:03 2:31 +8.2

The other var on same chart <11.9

9:5	7.03 2:31 +8,2

February 16, 1912

9:16	R. Aurigae	050953 0706 1,57 [illegible] 0503 0710 207	est 8.5 Look up.	2:07 W 7:15 53 ~~7~~4
9:20	S Aurigae	052034 0716 1,56	est 9,4	7:18 +33.9 1.58
9:22	W Aurigae	052036 0720 2	<12.1	7:20 2.01 +36.8
9:25	U Aurigae	053531 0721 1,46	est 8,8	7:23 1:48 +31.9
9:30	SV Tauri	054528 0725 1,40W	est 9,4	7:28 1:44 +28.7

Febuary 26, 1912

	Z Tauri	054615 0730 1.44	<12.7	7:31 1:45 +10.7
9:36	U Orionis	054920 0732 ~~1~~ 43	est 8.6	7:34 1:45 +20.1
9:44	R, W Gem	055523 0736 ~~8~~ ~~3~~41 1	est 9.2	7:42 1:47 +23.1
9:46	R, Z Gem.	055622 0744 1,48	est 9.5 0604 0748 1,44	7:45 1:49 +22.1
	X Aurigae	060450 0757 153	<11.2	1:55 7:58 +50.1

February 16, 1912

Aurigae

SS. ~~Lyncis~~ 060547 <11.8
0759
10:02 1,54 08.00
155

+47.7

S Lyncis 068558 <11.9
0802 8:04
10:06 1,27 1:30
6,3,3
8 0 2

+57.9

Y Mon. 065111 est 8.7
0806
10:09 1,15 8:08
1:17

11.4

R.R. Mon 071201 est 11.4
0809
109:17 57 8:15
11.03

Please have chart marked

+1.1

V. Cancri 081617 <10.8
0816 8:20
0 40 0:04

to est brightness to var. ones need a photo chart

+17.4

February 16, 1912

10:30	V. Can Min	070109 0824 1,23 W	211.3	8:28 1:28 +8.9
10:32	R. Can Min	070810	est 8.6	8:30 1:29 +10.1
10:37	S Hydrae	084803 0835 16E 13E	< 10.2	0835 0.11 E +3.5
10:43	X Hydrae	093014 0839 59E	est. 9.9	0.50 E 8:40 +84.1
10:51	R. Leo Min	093934 0843 56~~4~~E	est 8.8	8:50 0.48E +349

February 16, 1912

	R. Leonis	094211	est 8.8	
		0852		
		~~10~~		
		5 0ε		8:53
11:54				~~1111~~
		11 59.19		6.47ε
		855		+11.9
		3 04ε		
	X V.ir	11 5609	est 10.3 Where var. is	
		902	Supposed to be. on AC M.	
1$\overset{2}{1}$:12		2,54ε		:46
				9:10
	Note the Star 10.3 was about 7.9 mag			+10.0
	T. Can Ven	122532	<12.2	
		912		
1$\overset{2}{1}$:16		3 13		9:14
				3:06
				+3~~1~~.9

121 to date

34
~~84~~ 0 to date
12

1945-3

February 20, 1912 (Tuesday)

8" Polar Philip G. O'Reilly Obs.

	Y And.	013338	est 8.9	
		0463		3.21 W
6:40	✓	3,20W		454

Nebular in Orion about the same

				+38.9
	R. Wana	013238	est < 11.6	
6:42	✓			4:56 3:24 W
				+38.1
	R. Ceti	022$\overset{3}{0}$00	est 9.4	
		0459		
6.50	✓	2.36 W		5:04 2.43 W
				−0.8
	R. R Persei	022150	est < 11.9	
		05 06		+5,05
7:00	✓	2,45W		2:52 5:13
	R. Triang.	023133		
		0515	0231	
		2.44W	0520 2.49	

1945-3

February 20, 1912

7.16	T Arietis	024217 0527 245	est 9.5	5:29 W 2:46 17.1
	W Persei	024356 05.31 2,48	Building in way	
7:36	R T Persei ✓	031646 0584 2,18 W	est 9.5	5:50 2:35 +46.2
	Y Persei ✓	032043 0552 2.32 W	est 9.5	2:41 6.00 +43.8
	– Tauri	033105 06 03 2,32 W	< 12.2	6:10 2:38 W +5°.1

February 20, 1912

8:15	R. W Tauri	035727 0612 2.15 W	<11.6	5:27

Have I the right region — get D.M. and look up.

	R. Tauri	042209 0629 2.07W ✓	est 10.8	2/1 634
				+9.9
8:20	S Tauri	042309	est 10.32	+9.8 2:06 531
	R X Tauri	043208 0636 ~~3.18W~~ 2.04W	< 11.5	6:38 2:05 8.2

another var on same chart <11.9

8:25				6:38 2:05 8.2

February 20, 1912

R Aurigae 050953 est 8.7
0640
1,31W
8:36
6:50
+53.3

There is something wrong with this chart
does not conform with configuration 1.41

W Aurigae 052036 <11.9
0652
1,32
8:39
6:53
1:34
+36.9

S Aurigae 052034 est 9.5
0655
1,35W
06,55
1,35
+339

U Aurigae 053531 est 8.9
0657
1,22W
8:44
6:58
1:22W
+31.8

SV Tauri 054528 est 9.2
0659
1,14
7:02
1:17
+28.1

February 20, 1912

8:55	Z Tauri	054615 0705 1,19W	<13,1	7:08 1:21 +15.7
	U Orionis	054920 0711 1,22W	est 8,4	7:15 1:25W
	look up. 8,9 str			+20.0
	R. W. Gem	055523 0717 1,22W	est 10.3	7:20 1:245W +23.1
	RZ Gem	055622 0722 1,26	est 9.2	7:25 1:29 +22.0
9:23	X Gem	403 06~~04~~38 ~~0727~~ 1,23W 064030 0729 .49W	est 8,1	7:37 0.58 +30.4

23

February 20, 1912

9:26	X Aurigae	060450 07:40 1.36	<11.2	7:41 11:37 +50,1
9:28	S.S Aurigae	060547 07:42 1.37W	<11.6	7:43 1:38 +47.7
9:31	S. Lyncis	063558 0744 1,09W	<11.0	7:45 1:11W +58.1
✓ 9.34 9:38	R.X Gem Look up plots it is double	064333 0747 104	est 9,0	7:52 1,09W +33.1
	W Mon	064707 0755 108W	est 11.5	1:25W 8:3 7.1

February 20, 1912

10:00	R W Mon.	064907.	est <11.5	8:14 7.5
10:03	Y Mon	065111 0814 1,23 W	est 8.7	8:16 1:24 +11.2
10:06 10:08	R Lyncis	065355 0818 1,25 W	est 8.6	8:22 1,31 W +55.4
10:15	R. S Gem	3 065530 0824 ~~1,31 W~~ 1,29	est 11.8	1:35 ~~9:15~~ 8:29 +30.5
10:18	V Can Min	070109 0832 1,31 W	<11.3	8:32 +1,31 +9.9

33

Febuary 20, 1912

	R. Can Min	070310	est 8.7	
10:20				8:35 1:32 +10.2
	R. R. Mon	071201 0837 1.25 W	est 11.4	
10:26				8:40 1:27 +1.2
	U Puppis	075612 0842 .46 W	est 10.9	
10:33				8:47 0.49 −12.6
	V Cancri	081617 08 49 3~~8~~ W 3	< 10.8	
10:36				8:50 0:33 W +17.3
	X Ursae Maj √	083350 08:51 .18 W	< 11.9	
10 41				8:55 0:22 W +50.5

February 20, 1912

10:44	084803 0857 09	S Hydra	<10.5	08:58 10m 03.4
11:01	T Hydrae	085008 0859 09	est 8.9 8 59 8 04 14	9:16 0:26 — 8.6

had chart reversed that is why it took so long to obsen. var. e

1105	X Hydrae	093014 0918 1 2ε	est 10.0	9:19 12 ε —14.2
11:08	R Leonis Min	093934 0921 18 ε	est 8.8	9:24 +34.9 16ε
11:14	094211 0925 17ε	R Leonis Very reddish	est 8.7	9:28 14 ε +11.8

43

February 20, 1912

	~~R. Ursae Maj~~	~~1037~~69	est 7.9 of star marked 10.3	
				9.42
11:22	X Virginis	115609	est 10.2 of star marked 10.	
		9.30		21.188
		2.26 ε		+9.9
This star was checked by every star almost on chart				
	T Can Ven	122532	< 11.9	
		0944		9.45
11.31		2.41 ε		2 39 ε
		12 40 9 46 ~~36~~ 2.54	134440 951 353	+31.9
	R Can Ven	134440	est 12.1	
11:45				9.58 3.448
				+40.1

I have no more charts.

120
46
166 to date

+38.0

1r
194.5s

Thursday February 22, 1912

8" Polar E

Philip G. Ott Tilly Obsr

	Y And.	013238 0447 3.15W	est 9.0	
6:28	✓			41.49 3:17 W
				+ 38.8
~~6:29~~	RU And	013338	est <11.6	
	✓			4:52 3:19W
6:30				38.0
	S Persei	021258 0454 2.42W	To far west probly	
↗ 6:34				
	R.R. Persei	022150 0456 235W	<11.9	
637	✓			2.37 W 4:58
				+ 50.8
	R. Ceti	022000 0459 2.39W	Very cloud in region 022 0459 2.3	

The sky is feull of passing clouds are are very trouble for me.

February 22, 1912

15x59	R. Triang,	023133 0502 2.31 W		
	I am doubtfull about this star would like D.M chart also.			
	T Arietis	024217 0310 ~~2.3 2W~~ 28	est 9.0	
6:53	C ✓			5:14 2:31 +17.1
	W Persei	024356 0315 2.32 W	Building in way I think	
	R.T. Persei	031646 0526 2.02 W 216	est 10.1 hazy + cloudy	
7:12				5:33 2:16W +46.7
	Y Persei	032043 0535 21 5 W	est 9.7	
7:16	C ✓			537 2:18 +43.8

February 22, 1912

	–Tauri	033105	<12,2	
		0539		
7:19		2,08 W		2:09
				5:41
				+05
	R, W Tauri	035727		
		0543		
		1,46 W		

To cloud now to continue

166
7
173
1
63
6

Friday February 23, 1912

Twilight G. O'Reilly Obsr — 8" Polar ~~Radcl~~at

6:43	R, U and ✓	013238	< 11.6	5:07 3:34W +38.1
6:41	Y and. ✓	013338 0505 3,32W	est 9.2	333W +38.8
6:50	~~S Persei~~ R, R, Persei ✓	~~0212~~58 0509 ~~257~~W 022150 0313 2~~59~~52W	J < 12.2	2:55W +50.9
6:54	~~T Persei~~ R. Ceti ✓	0~~21556~~ [illegible] 022000 0516 2,56W 3	est 9.5 Very cloud in region	05:18 2:57W −0.8
6:59	T Arietis ✓	024217 0520 2,38W	est 8.8 moon about a degree away & bright	2.41W 3:24 +17.0

1157
5 25
6 32

19456 February 23, 1912

7:03	~~W Persei~~ RT Persei	024356 0525 2,42W 031646 0527 2,11W	to far west for dec est 10.3	5 28 2:13W +46.1
7:06	Y Persei	032043 0530 2,10W	est 9.5	5:31 2:12W +43.8
7:09	- Tauri	033105 0532 2,01W	< 12.2	5:33 2:03W +4.9
7:12	RW Tauri	035727 0535 1,38W	< 11.6	5:37 1:40 +28.0
7:16	R Tauri	042209 0539 1,17W	est 11.0	5,47 1:19 +9.7

February 23, 1912

7:16	S Tauri ✓	·042309	est 16.2	5:41 +9.6
7:20 ~~5:45~~	RX Tauri ✓	043208 0543 1.17W	<12.3	1:13W 545 +8.0
7 20	— Tauri?	on same chart	<12.3	1:13W 545 +8.0
7:25	V Orionis	050003 05:47 .47W	est 12.1	1 5:50 0.49W +3.9
7:35	R Aurigae	·050953 0351 42W	est 8.7	5:59 +535 062W

February 23, 1912

7:38	W Aurigae	052036 0601 041W	<12.1	6:02 0:43W +36.6
7:40	S Aurigae	052034 0604 44W	est 9.5	0605 0.45W +33.9
7:44	~~W~~ U Aurigae	0535~~36~~31 0606 ~~46W~~ 31W	est 8.9	6:09 0:34W +31.9
7:48	SU Tauri	054528 0611 26W	est 9.7	6:13 29W +28.1
7:52	Z Tauri	054615 0615 29W	<12.7	6:16 31W +15.8

February 23, 1912

8:56	U Orionis	054920 0618 29W	est 8.5 Looks double	6:20 31W +19,9
8:00	RW Gem	055523 0622 27W	est 9.3 high power used	6:25 0,31W +23,0
8:00	Suspected Var on same chart		est 10.9	6:25 0:31W 23,8
8:04	RZ Gem	055622 0527 31W	est 10.5	0:33 6:29 +22,2
8:06	X Auriga	060450 0630 26W	est < 11.2	0:28 6:31 +50,1

February 23, 1912

8:09	060547 0633 28W	SS Auriga 061702 0634 19W	< 11.6	6:34 0.30W +47.8
8:13	V Mon.	061702 0636 19W	est < 11.1	6:39 0,21W + 2,2
8:16	S Lyncis	063558 0640 05W	< 11.7	6:41 0,08W 57.9
8:28	X Gem.	064030 0643 3W	< 11.2 0640 6650 10	0 13W 6:53 +30,4
8:33	R X Gem Is this star a double?	064333 0654 11W	est 9.0	6:58 0:14W +33,2

February 23, 1912

8:40	W Mon.	064707 0700 13	est 11.5	7:05 0.17W −7.0
8:40	R U Mon	·064907	< 11.5	07p5 017W −7.0
8:43	Y Mon.	065111 0707 16W	est 8.8	0707 0.17:W +11.2
8:48	R Lyncis	065355 0709 16W	est 8.2	7:12 0.22W +55.2
8:52	R.S Gem.	065530 0714 19W	est 12.4	7:17 0:22 30.5

February 23, 1912

	V Can Min	070109	<12,2	
		0719		
		18W		7:20
8:55				18W
				+9,1
	R Can Mi	070310	est 8,7	
				7:21
8:57				19 W
				-10.0
	R Gem	070122a	< 9,6	
		0722		
		21W		35
	median on comparison star			036
9:12				
				+22,8
	RR Mon	071201	est 11,7	
		0738		
		26W		7:40
9:15				0:28
				+1,2
	U Puppis	075612	est 12.2	
		0742		
9:20		14E		8:45
				12E
				-12,6

February 23, 1912

9:23	V Cancri	081617 0747 ~~[illegible]~~ 29E	<10.8	7:47 29E +17.4
9:27	X Ursae Maj	083350 0749 44E	<12.1	7:52 40E +50.2
9:29	S Hydrae	084803 0753 55E	<10.5	8:54 54E +3.3
9:35	T Hydrae	085008 0755 55E	est 8.8	8:00 52E −8.7
9:30	X Hydrae 093014 0812 1.18W	093014 0802 1 28E	est 10.1 0923 0809 1.14	8:14 1:17E −14.2

February 23, 1912

9:53	R Leonis Min	093934 0816 1,2348	est 8.8	8:17 11:218 +35,0
9:56	R Leonis	094211 0819 1238 094233 0822 1208	est 8.7	8:20 11:208 +11.8
1007	-Leo Min	094233 0822 1208	est 9.8	8:32 11:108 +33,9
	There are not enough comparison star on chart			
10:11	X Leonis	094512 0834 1118	212.3	~~10:11~~ 8:36 1088 +12 2
1016	X Virginis a	115609 838 3,188	est 7.9	3:168 8:41 +9,9

had no more charts so stopped for a while

February 23, 1912

R Ursae Maj 103769
1016
218
to find ~~c~~

T Virginis 120905 <11.1
1017
1,52 ε
10:20
11:55 1:49 ε
− 5.4

R Corvi 121718 <10.0?
1022
1522 ε
2
10:30
12:08 1:47
This is too far South and I may have got the wrong star
− 18.6

SS Virginis 122001 <10.9
1031
1,49 ε
131
1220
1047
1,33
10:48
12:22 1:32 ε
Rather cloudy in region
+1.4

T Can Ven 122532 <12.2
1050
12:25 1,35
1.33 ε
1051
+ 31.9

February 23/1912

	122803 1052 1,36 E	Y Virginis <10.0		
1 33				1:31 W 10:58
	Very cloudy & hazy in region			−4.0
	U Virginis	124206 1100 1,46 E 2	est 10,4	
1 37				1103 1:42
				+6,01
	W Virginis	132002 11	est 10.2	
l ~~11~~:52				11:16 2:09 E
				−2,8
	V Virginis	132202 11 06 2,16 E	est 9,8	
l ~~11~~:50 59		1324 11 10 2,14 E		11:14 2 09 E
				−2.6
	S Virginis	132706 1118 2,09 E	est 10.2	
2:00 ~~3 11~~:00				11,26

Febuary 23, 1912

	R. Ursa Maj	132954 1128 201	est 10,5	
1:06				11.31 155E +54.2
	S Bootis	141954 1134 2,45E	est 10 9	
1:13				11.38 2:38 +54.1
	R Bootis	143227 11 40 2,52E	est 8,7	
1:30	Look up star h			236 1156 +27.0
	R Can Ven	134440 1157 1,43W	est 9.1	
134	173 63 236			144 1159 +39.9

7:30 Tuesday February 27, 1912

19460

8" Polar Bright Moon Phillips L. O'Reilly Ob

	R.T Persei	031646	est 10.1	
		0621 3.05 W		6:28 3:12 W
7:48				
				+46.1
	Y Persei	032043	est 9.6	
		0630 310 W		
	C			0631 311 W
7:50				
				+43.8
	T Tauri	033105	est < 12.2	
		0632 301 W		633 3:02
7 52				
		1?		+5.1
	TW Tauri	035727	est < 10.5	
		0635 2.38 W		636 2:39 W
7.55				
				+28.0
	R Tauri	042209	est < 10.1	
7:58	C	0638 2.16 W		6.39 217 W
				+9.9

Feb. 27, 1912

8:59	S Tauri ✓	042309	est < 10.1	+9.9
8:02	R X Tauri ✓	043208 0641 209W	est < 11.0	643 2!11 +8.2
8:02	Var on same chart <		est < 11.0	643 2.11 +8.2
8:07	V Orionis	050003 0645 145W	< 10.8	648 151W +3.9
812	T Leporis	0? 058022 0650 130W	est < 100	653 ~~8~~ 1.51W − 22.1

Feb. 27, 1912

8,17	R Aurigae	050953 0655 1.46W	<9.7	6:57
Be sure look up this star				+53.3
8 19	W Aurigae	052036 0659 139W	<11.9	700 140 36.9
8:25	S Aurigae	052034 0701 1,41W	est 9.8	705 1.45W + 33.9
8:28	U Aurigae	053531 0707 1,32W	est 8.9	7:08 133W +31.8
8, 33	J? S D Tauri	054528 0711 1,26W	est 9.7	7:13 1,29 +27.9

Feb. 27, 1912

8:37	Z Tauri	054615 ~~[illegible]~~ ~~1.29~~ 0715 1 29 W	< 11.6	718 1.31 + 15.9
8 43 Look up this star	U Orionis	054920 0720 1.31	est 8.4 equal all obs of dec 8th	723 133 W + 20.0
8 48	RW Gem.	055523 0725 1.30 W	< 10.5	728 132 W + 23.0
8 53	RZ Gem.	055622 0730 1.34 W	est 10.5	733 136 + 22.1
8 55	X Aurigae	060450 0735 1.31 W	est < 11.2	7.36 1.32 W + 50.0

Feb. 27, 1912

8 57	S.S. Aurigae	060547 0737 1.32W	<11.8	738 133W +47.8
9 02	V Mon.	061702 0740 123W	est <10.9	7:43 −2.1
9 06	S Lyncis	063558 0745 110W	<11.7	0747 1.13W +57.9
9:13	X Gem	064030 0749 1.09W	The moon is in field	753
	W Mon	064707 0751 104	<11.5 ?	−07.1
#9.23	R. V and	064907	<11.5	753 −07

Feb. 27, 1912

9 17	Y Mon	065111 0756 1,05W	est 9.2	8 58 1.07 +11.2
9,19	V Can Min	070109 0800 ,59W	<11.3	+9.0 8:00 59W
9.22	R Can Min	070310	est 8.8	8 03 1 00W +10.0
9,28	R. R. Mon	071201 0805 53	est 11.7	0.58W 8:09 +1.4
9 33	S Can Min	072708 0811 44W	est <10.3	48m 8 16 +8.4

Feb. 27, 1912

9:40	U Puppis	075612 0818 22W	<10.8	8:20 24m W <12.6
942	V Cancri	081617 0822 6W	<10.2	+17.4 6W 823
945	X Ursae Maj	083350 0825 8E	<11.9	8:26 6E +50.4
949	S Hydrae	084803 0829 ~~11~~E 19E	<10.2	830 +3.2 19E
955	T Hydrae	085008 0831 19E	est 8.9	836 16E −8.8

Feb. 27, 1912

	X Hydrae	093014 0837 538	est 10.4	
1000				840 50 −14.3
	R Leonis Min	093934 0842 57ε	est 8.8	
1002				8 44 55 +34.8
	RR Hydrae	094023 0848 54ε 2	est <11.8	
1009				850 51 ε −23.5
	R Leonis	094211 0851 51ε	est 8.6	
1012				853 048 +11.8
	− Leo Min	094233 0855 472	est 9.9	
1016				858 43 ε +33.8

Feb. 27, 1912

X Leonis 094512 <11.2
0900
45E
927
901
44E
1020
+12.2

V Hydrae 104620 est 8.0
0903
43E
10.46
922 5
124 2 1
120E
1046
-20.7

X Virginis 115609 est 10.2
0915
241~~#~~E
238E
920
1050
920
120
new Var. est 7.8
+9.8

10:55 R Comae Ber 115919 6 est 7.7
929
2.30E
1159
934
2.25E
27
had ~~[illegible]~~ no moonlight that I
[illegible] I & waited 2 hours for some Pul
19.5

10:58 SS Virginis 122001 <10.9
1232 6
10 W
120
12W
16
1400
1235
125
Cloudy in upper 1220
1322
102

Feb. 27, 1912

230	T Virginis	120905 1250 41W	<11.1 1308 1209 59	1^h00 13 10 -5.5
	went up & timed watches			
230	T Can Ven	122532 1311 46W	<11.9	1311 47^m 32.0
233	Y Virginis	122803 1313 45W	<10.0	46^m 13 15 -4.0
239	U Virginis	124606 1316 30W 1242 1318 36	est 10.6	13 21 35W +5.9
248	RU Vir	130212 1325 23W	<11.9	129 26^m -12.8

Feb. 27, 1912

W Virginis 132002 est 9.2

16
13 37

2 55

− 3

V Virginis 132202 est 9.7

1332
10W

2 5 ~~3~~ 6

13 35

R Hydrae 132422 est 6.5 ±

1339
15

2 58

16^{m}
140

There are no comparison stars bright enough

− 22.6

S Virginis 132706 est 10.0

13 42
15

3 10

13 51
23^{m} W

− 6.9

RV Ursae Maj 132954 est 10.3

13 53
24 W

3 13

13 54
27^{m}

+ 54.3

Feb. 27, 1912

3 17	R Can Ven	134440 1356 12W	est 12.1	16^{m} 1400 +40.1
3:28	S Bootis	141953 1409 ~~11~~ E 10	est 10.4	210 08^{m} E +53.9
334	R S Virginis	142205 1411 11 E	< 11.2	1416 7^{m} E +5.2
342	Z Bootis	140113 1417 16 W	< 11.9	1423 + 134
348	V Bootis	142539 1425	7.6	1429 6 W +39.2

See other star same note applies here

Feb, 27, 1912

	R Bootis	143277 1431 1 E	est 9.0	
353				03 W 1434 +27.1
	[illegible] RT Librae	150018 1436 24 E	< 11.9	
358				1440 21 E −18.4
	Y Librae	150605 1442 24 E	< 11.3	
4:03				1444 21 E −5.6
	S Librae	151520 1446 29 E	est 10.1	
409				1451 25 E −20.1
	S Serpentis	151714 1453 24 E	< 10.8	
4:15				21 E 1457 +14.5

unable to see var by lack of comp. star.

Feb. 27, 1912

4 21	~~R.S Librae~~	~~151822~~ 1458 20ε 1518 1510	~~<11.7~~	1502
4 37	152714 1513 12ε	RU Librae	est 11.7	1518 9ε −15.0
4:43	U Librae	153620a 1522 14ε	<10.2	1528 −1
449	W Librae	153620d	est 9.5	1538 8ε −19.9
4 57	-Coronae	155229 1532 20ε	est 11.8	1538 15 ε +39.5

Feb. 27, 1912

505	TZ Scorpii	155823 1540 18 E	est 8.5	13 E −23.7 1547
510	Z Scorpii	160021 1548 12 E	est < 11.8	09^m E 1552 −21.4
515	U Serpentis	160210 1554 8 E	est 8.8	~~1010~~1 6^m E 1557 + 10.1
5119	RU Her.	160625 1559 07	est < 11.7	5^m E 1600 + 25.3
524	W Coronae	161138 1601 10 E	est 11.4	1607 64 E +37.9

✓

10
2

Feb. 27, 1912

	W Ophiuchi	161607 1609 07ε		
531	U Herculis	162119 1611 10ε	est 11.0	1613 8ε +19.1
533	S Her.	164715 1616 31ε	est 10.8	1616 30ε +15.4
535	RU Her.	165631 1616 48	est < 11.2	38ε 1617 +31.3
51	Dawn now			

535

78
236
314 to date
51
20

11 5609 X Vir

14 24

2 28 W

Feb. 29, 1912

120905 T " est < 10.4 14 42

14 39 2 30

~~2 21~~ W <

2, 30 −5.5

121418 R Corvi est < 10.9?

17 44 2 35

2, 30 −18.8

122532 T Canum < 11.3

14 50 2 25 W

2, 25 W 14 50

32

122803 V Virginis +32.1

~~1430~~ +452 look up book?

2 24

28

130212 R.V Virginis < 11.5 309

15 06 206 W

2, 04 W

W est 9.4

132002 158 15.9 −12.6

1614

154

132202 V 9.9 −2.9

−[illegible]

Feb. 29. 1912

R Hydrae 132422 est 6.0
1521
1,57W
charts W mae

S Virginis 132706
1523
1,56 W
est 10.4

RV Maj 132959
1527
1,58 W
est + 10.5

R Can Ven 134440 est < 11.7
1530
1.46

S Bootis 141954 est 10.4
1536
1.17

RS Virginis 142205
1340 est < 11.9
1.18 W

Y ~~R~~ Bootis ~~140113~~ 142539 est 8.0
~~1542~~ 1545
1.41 W 1,20W

R Bootis 143227 est 8.9
1555
1,23

RT Librae est 9,3
150018
1600
1

Y " 150605 est < 11.3
1610
104

322
157W
-22.8
1525
158
-6.9
1528
2.00
+54.4
1534
+39,8
150 W
1533
120W
+53,9
+5.02
1,18
1541
1553
128
+39,2
1559
126W
+27,3
1611
104
-5,7

S Librae 151520 to cloudy
1617
58
1 02

S Serpentis 151714 <10,2
1618
1,01

103
1620
+15,0

RS Librae 151822
1620
1,02

RU Lib 152714 see other chart
1625
58

– Coronae 155229
1626
34

FI
23
24
24
47
25
49
50
50
16

645
933
19467

March 5, 1912 Tuesday

	R Tauri	042209	<10.6	
7:02	C			+10
	S Tauri	042309 0607 1.44W	<10.6	
7.01	C ✓			+10
	RX Tauri	043208 0612 1,40W	<11.9	
7.08	C ✓			144 617 +7.9 H.P.
	Var on Same chart		<11.9	
7.08				617 · 144 +7.9
	V Orionis	050003 0619 1.19W	est 11.8	
7:15				624 123 +3.9 P.

~~Tuesday~~ March 5, 1912

7:19	T Leporis	050022 0625 1,25 W	< 11.6	6:28 1,27 −22
7:24	050953 ·6 30 1,21 W	R Aurigae	est 8.7	633 125 +53,4
7:28	W Aurigae	052036 06 35 1,15 W	< 11.9	117 6:38 +36,9
7:32	S Aurigae	052034 0639 1.19 W	est 10.2	641 1,21 W +33,9
735	U Aurigae	053531 0643 1,08 W	est 8.9	6:44 1,09 W + 31,9

March 5, 1912

	SV Tauri	054528	est 9.7	
		0646		
7:39		1.01W		1.02W
				648
				+28.0
	Z Tauri	054615	<12.5	
		0649		
		1 03W		654
7:45				107
				+15.7
	V Orionis	054920		
		0655		
		1.06W		

Loop up all old obs. where var is there is close the ???

	R.W. Tau	055523	est 9.5	
		0701		
758		1.06		707
				101
				+23.1

suspected var on same chart est 11.0

758	707
	111
	+23.1

March 5, 1912

801	RZ Gem.	·053622 0709 1,13W	est 9,7	7:10 113W +22,0
803	X Aurigae	·060450 0711 107	<11,2	7:12 01,08 +50,1
806	SS Aurigae	·060547 ·0713 1,08W	<11,8	7:13 109 +47.5
810	V Mon.	·061702 0716 ,59W	<11,6	1,01W 7:19 −2,2
812	S Lyncis	063558 0720 45W	<11,9	721 48W +57.8

March 5 1912

8:24	X Gem	064030 0723 43W	<11.4	0733 +30 8
	Look up comp stars			
8:30	RX Gem.	064333 0735 52W	est 9.1	7:40 +33.3
	This is a double			
	Y Mon.	065111 0742 51W	est 9.5	743 52 11.3
8:37	R Lyncis	065355 0744 51W	est 8.8	746 55 W +55,2
8:43	R.S. Gem.	065330. 0748 53W	est <11.8	7:52 57W +30.6

March 5, 1912

	R Gem. ~~0701~~	070122a	<11.0		
8:49		0754			
		53W			758
					56W
					+22.7
	V Ursae Maj'	090151	est 10.6		
		√ 0801			
		100E			1.06E
8:58		This star is an algol			
					+51.4
	V Can Min	070109	<11.3		
		0808			
9:00		107W			107W
					+9.0
	R Can Min	070310	est 8.5		
					1.06W
					8:10
					+10.0
	RR Mon,	071201	est 10.3		
		0811			
9:07		59W			1.05
					8:17
					+1.1

March 5

9 11	S Can Min	072708 0818 51W	ext 8.9	820 53W +8.5
	V Puppis	075612 0822 26W	<10.8	
9:15	V Cancri	081617 0824 08	<10,2	00,8" 8:24 +18.3
9:18	Y Ursa Maj	083350 0825 08	< 11.9	6 E 8:27 +505
	S Hydrae	084803 0828 20E	<10.2	19 E 829 +3.4

March 5 1912

	T Hydrae	085008	est 9.5	
9:23		0830 20ε		208 8:32
				−8.8
	X Hydrae	.093014	est 10.0	
9:26		08334 56		55ε
				−14.4
	X Virginis	115609	est 10.2	
		08 37 3.19 ε		
	O'Reilly Var.	.115609	est 8.1	
933		Bright moon now Sorry.		
		*		
	38			

19472

Sunday March 10, 1912

Philip G. O'Reilly Obsv. 8" Polar

R. Tauri	042209 0624 2.02W	<10.7	
✓		✓	
S Tauri	042309	<10.7	
✓		✓	
R X Tauri	~~041619~~	est 10.8	
043208 0647 2.13W ✓	~~0635~~ ~~2.119W~~	✓	6 56 +8.1 2 22W
R X Tauri b	043208	est <11.9	
		✓	656 222 +8.1
V Tauri	044617 0658 2.12W		

March 10, 1912

7:45	V Orionis	050003 0710 2.18	est 11.3	2:12 7:14 +3.9
7:51	T Leporis	050022 0715 2.15 W	est <10.6	7:20 2:19 −21.9
7:52	R Aurigae	050953 0721 2.12 W	est 9.0	7:25 2:19 +53.4
7:59	W Aurigae	052036 0727 2.07 W	est <11.9	7:28 2:08 +36.8
8:02 800	S Aurigae	052034 0729 2.69	est 16.2	2:10 W 7:31 +33.9

March 10, 1912

8:16	RR Tauri	053326 0732 159	est 11.2 ✓	7:45 21.2 +24.3
~~7:53~~ 8:24	V Aurigae	053531 0747 2.12W	est 8.9 ✓	753 217 +34.8
8:26	SU Tauri	054528 0755 2.10	est 9.8 ✓	2:10 ~~8:24~~ +28.1
8:34.	Z Tauri	054615 0756 2.16	<11.9 ✓	2:11 +15.8
835	RU Tauri	054615a	est <11.9 ✓	215 +15.9

March 10 1912

	U Orionis	054920 0805 2,16	<10.0 ✓	
848	RW Gem	055523 0844 2,19	est 9.9 ✓	8;17 2;21 +23,1
	Suspected	var on same	chart est 11,0	
848			✓	8:17 2:21 +23,1
8:52	~~RZ~~ RZ Gem	055622 0823 ~~4~~7 2 2	est 16 3 ✓	8;21 224 +22,1
854	α Aurigae	060450 0822 2,18	est <11 9 ✓	8:23 +50

March 10, 1912

8:52	SS Aurigae	060547 0824 2,19W	est <11.8 ✓	220 8:25 +47.8
8:58	V Mon	061702 0826 2,09	<11.5? ✓	8:28 −02.1
9,00 9:02	S Geminis	863558 0830 155	<11.3 ✓	8:30 156 +58
9 08	RX Gem.	064333 0834 1,51 151	9.0 ✓	153 8:37 +33.2
9 11	W Mon.	064707 0838 151	<10.6 ✓	940 152 −7.2

March 10, 1912

	RW Mon	064907	<10.6	
9:11			✓	9:4 152 −7.2
1760	Y Mon	065111 0842 1,51	est 9.7	
9:14			✓	8:43 152 +11.2
	R Lyncis	065355 0844 151	est 8.9	
9:16			✓	8:45 153w +55.2
	R S Gem	065530 0847 152	est <11.5	
9.20			✓	8:49 1:54 +30.6
	~~R Aurigae~~	~~051138~~ ~~0851~~ ~~340~~ W		
	cluster in region		054231 08[illegible] 315 0900 318	

March 10, 1912

V Ursa Maj	090151 0903 2W	est 10 6 √	

Monday, March 11, 1912

Phillips G. O'Reilly Obsrv. 8" Polar.

7 55?	V Orionis	050003 0720 2,20W	est 11 3 ✓	224 724 + 3.9
7 58	T Leporis	050022 0725 2,25W cloudy in region	<10.3 ✓	226 0726 − 22.1
08:00	R Aurigae	050953 0728 2,21W	est 9.0 ✓	728 2,21W + 53.4
08:01	W Auriga	052036 0730 2,10W	est <11.9 ✓	212 0730 + 36.8
8 03	S Aurigae	052034 0732 2,12W	est 10.2 ✓	214 0734 + 34.0

March 11, 1912

	R Tauri	053326	est 11.4	
		0735		
		2.02 W		206
8:10			✓	0739
				+26.2
	U Aurigae	053531	est 9.0	
		0741		
		2.06 W		0742
8:13			quite cloud in region ✓ ✓	207
				+31.9
	SU Tauri	054528	est 9.8	
		0743		
		1.58 W	✓	0744
8:14				01.59
				+28.1
	Z Tauri	054615	est <11.9	
		0746		
8:17		200	✓	0746
				+15.7
	RU Tauri	054615a	est <11.9	
8:18			✓	0747
				+15

cloud in regions

March 11, 1912

U Orionis	054920 0748 159 W	< 9.7

lack of comparison stars

total cloud about north

Wednesday March 13, 1912

Philip G. O'Reilly Obsvr. ~~Ratth~~ 8" Potter

Nova Gem #2 6 45 +32 17
1000
345
✓

R Gem. 070122a <9.9?
1052
3.49W
51
0656
10 53
3,57
070122
1057
3,56
✓

11:20

358
1101

+22,8

V Can Min 070109 <10.9? Very cloudy
11 02
4.01W
070109
11 07
406
✓

RR Mon 071201 cloudy
11 11
3.59W
072708
11 13
1 46
✓

S Can Min 072708 est 8.3 Cloudy

11,27

✓

1120
350
+8.6

March 13, 1912
J K

U Puppis 075612
1127
3,25 W
cloudy
✓

833
11 24
2,51

0816
1123
3.07 W

0848
01 27
2.39

X Ursae Majoris 083350
est < 11.6
✓

11;45

+ 5.06

S Hydrae 084803
0127
2.39
est < 10.5
✓

2 43
11;50

+ 3.4

T Hydrae 085008
1134
2,44 W
< 10.2 ??
0850
1140
cloudy
✓

X Hydrae 093014
1144
2,14
See chart

093014
1230
3 00

0929
093014
1200
2.30 W

12;06
2 36
— 14,1
~~+ 2.56~~

March 13, 1912

X Virginis	115609 12.33 37W	est Var. 10.7 Russell Var 7.9 ✓

Mirror silvering works great

Saturday March 16, 1918

8" Polar

Philip S. O'Kelly Obs

	Nor Gem. #2	064632 0647 1W		
7:05	V Orionis	050003 0654 1.54W	est 11.1 ✓	6:56 1:56 +4.0
7:10	T Leporis	050022 0657 1.57W	est 11.3? Hazy ✓	0702 2:00 −22.0
— 7:12	R Aurigae	050953 0703 1.54W	est 9.1 ✓	7:04 1.56W +53.3
7:18	W Aurigae	052036 0706 1.46W	est <11.9 ✓	7:10 1.50 +36.8

March 16, 1912

7:20	S Aurigae	052034 0711 1,51 W	est 10.3 ✓	1.52 W 7112 + 33.9
7:27	R.R. Tauri	053326 0714 1,41 W	est 11.5 ✓	7:19 1:46 +26.1
7:29	W Aurigae	053531 0720 1,45 W	est 9.2 ✓	~~0729~~ 721 1:46 +31.9
7:35	SU Tauri	054529 0722 1,47 W 3	est 10.0 ✓	7:27 1,42 +27.9
7.41	Z Tauri	054615 0728 1,42	est 12.2?? am not sure of star. ✓	141 7:34 +15.8

6^h March 16 1912

~~42~~ 7:42	RV Tauri	054615a	< 12.7 ✓	7:34 141 +15.8
7:48	U Orionis	054920 0736 1.47 W	10.8 ✓ not among comparisons	7:39 150 +20.1
7:53	RW Gem.	055523 0741 1.46 W	est 9.0 ✓	7:45 148 +23.1
7:53	RW Gem	055523b look up bright Sta	est 11.6 ✓	7:45 148 +23.1
7:56	RZ Gem.	055622 0747 1.51 W	est 10.3 ✓	151 W 7:48 +22.1

0h — March 16, 1912

~~8:00~~ 8:00	X Aurigae	060450 0750 1.46W	<11.3 ✓	148 7:52 +50.0
8:04	S.S. Aurigae	060547 0754 1.49W	<11.7 ✓	7:56 151 +47.6
	V ~~Aurigae~~	061647 0757 1.41W	est 16.5	
8:15	V Mon	061702 0802 1.48W	Look up star note 11.1 ✓	8:06 1:48 −2.2
	S Lyncis	063558 0808 0.33W	est <11.9 ✓ just sent an atlas to Mt Wilson S. Obs for S. C. L. that is close of plate	
9:14	X Gem.	064030 0900 2.20 W	est <11.7 ✓	9:05 224 +30

March 16, 1912 o K

9:16	RX Gem.	064330 0907 2.24 W	est 9.2	✓	2.25 W 9:08 +33.1
9:27	W Mon	064707 0909 2.22 W	est 10.8	✓	9:20 −7.0
9:27	RU Mon	064907	est 10.4	✓	9:26 −7.8
9:36	Y Mon	065111 0925 2.29 W 234	est 10.4	✓	9:28 237 +11.3
9:40	R Lyncis	065355 0930 2.37 W	est 8.8 [illegible] [illegible] ✓ Notice this est was made when the tel. far away for west finder		9:32 2:40 +55.2

30 oK

March 16, 1912

	RS Gem.	065530	est 12.3	
9:44		0934 2 39	✓	2:40 9 36 +30.7
	R Gem.	070122a	est < 11.5	
9:47		0937 2,36 W	✓	939 238 + 228
	V Can Min	070109	< 11.9	
9:52		0941 2,40 W	✓	9 44 2 41 W + 8.9
	~~R Can Min~~	~~070310~~	est < 11.7	
10:06	RR Mon.	0948 7.45 071201 0955 2,43	clouding up ✓	2:45 9:58 +1.3
	S Can Min	072708	est 8.1	
10:13		1000 2,33	✓	10:05 2:36 +8.4

March 16, 1912

10:17	U Puppis	075612 1006 2,10W	<10.5 ✓	2,11 10:09 −12,6
10.20	V Cancri	081617 10 10 1,54W	est <10.2 want a Photo chart of region ✓	1,55W 10:12 +18,2
10:23	X Ursae Maj	083350 10 13 1,40W	est <11,7 ✓	1,41W 10:15 +50,2
10:25	S Hydrae	084803 10 16 1,28W	est <10,5 ✓ ✓	1,29W 10:18W +3,3
10:30	T Hydrae	085008 10 19 1,27	est 9,8 ✓	10:22 1 31 8,9

March 16, 1912

10:36	X Hydrae	093014 1024 54 W	est 11.3 ✓	56 W 10:28 -14.4
10:41	R Leonis Min	093934 1030 51 W	est 16.6 ✓	10:33 55 W +39.9
10:50	†RR Hydrae	094023 1035 55 W	est <11.0 ? ✓	10.43 100 ~~[illegible]~~ -23.3
10:53	R Leonis	094211 1045 1,03 W	est 8.1 ✓	104 10:47 +11.9
Tiis is [illegible] Star 10:56	V Ursae Maj	090151 1048 1,47 W	est 10.5 ✓	1.48 W 10:59 +51.4

40

March 16, 1912

11 03	X Virginis	115609 10 53 1 03E	est 10.3 ✓	102E 9:55 +10.2
1104	O'Reilly Var	11 59 10 57 1.02E	est 8.0 ✓	102E 9:55 +10.2
11:09	R Comae	115919 10 57. 1.02E	<11.9?? ✓	101E 11:01 +19.3
12 35	T Virginis	120905 1225 16W	<11.4 ✓	16W 12:27 ~~+6.~~ +5.5
12:40	SS Virginis	122001 1229 .09W	est 8.8 ✓	1.2W 12:32 11.W

March 16 1912

12:42	T Can Ven	122532 1233 08W	<12.1 ✓	0.09W 12:34 +31.9
	Y Virginis	122803 1245 ~~7W~~ 12W	est <11.6 ✓	32.W 0.2,8
12:57	U Virginis	124606 1245 18	est 10.3 ✓	3W 12:50 +6.0
1 07	R.V Virginis	130212 1253 19~~W~~E	est <11.9 ✓	1259 12E -12.7
13:10	R Hydrae	132422 1300 24E	est 6.6 ✓	24E 1302 -22.8

March 16, 1912

13 13	S Virginis	132706 1304 23E	est 11.0 L	23E 1305 −6.7
13:15	RV Ursa Maj	132954 1307 22E	est 10.8 L	19E 13 08 +54.4
1318	R Canum Ven	134440 1309 35E	est 11.9 L	31E 1311 +40.0
13 22	Z Bootis	140113 1312 ~~41~~ 49E	est <12.0 L	48E 13:13 +14.0
13:25	S Bootis	141954 1315 1,04E	est 166 L	100E 13:18 +54.3

March 16, 1912

13:27	RS Virginis	142205 13 19 1 03	<12,0 ✓	1 02 E 13:20 +5,0
13:31	Y Bootis	142539 13 21 1 04 E	est 8.8 ✓	01,01 13:23 +39,4
13:35	R Bootis	143227 13 25 1,07 E	est 8,0 ✓	13 27 1 05 +27,2
13 41	RT Librae	150018 13 29 1,31 E	est <12,4 ✓	1 29 13 33 −18,3
13:43	Y Librae	10 150605 13 35 1 31 E 15 13 13 46 1 28	est 10.4 ✓	13 38 1:29 E −5,9

March 16, 1912

1358	S Librae	151520 1339 1,36ε	est 11.9 ?? reject am not sure of star hazy	1350 125 +20.0
1402	S Serpentis	151714 1351 1,26ε	est <16.6 ✓	1355 1238 +14.6
14 11	RS Librae	151822 1356 $1,2^{2}\varepsilon$	<12.0 ??? ✓	Cloudy Very ~~1.16~~ 14.04 −21.9
1420	RU Librae	152714 14.05 $1\,2^{2}\,\varepsilon$	est <12.1 ✓	14.12 1.15 −15.0
14.26	S ~~[illegible]~~ U Librae	~~153~~ 153620a 1415 $1,2^{1}\varepsilon$	est <11.4 ?? Very hazy	1419 +21

March 14 1912

	U Librae	153620b	est < 10.3	
14;27			hazy ✓	1420
				+21.'
	R Cor. Bor	154428	est 9.3 sx.	[illegible]
		1421 1.23 8		1.20
14^{32}				1.45
				+28.5
	—Coronae	155229	< 11.7 ??	
		1426 1.26 8	hazy	1432
14^{38}		1532 1430 1.22		1.20 8
				+29.5
	RZ Scorpii	155823 1433 1.25	to hazy 1600 1435 1.25	
	Z Scorpii	160021 1440 1.20 8	< 9.0 ? hazy hazy	

Mar, 16, 1912

14 52	R Herculis	160118 1442 1, 19	est 8,9	1445 1,19 +18,3
14:55	U Serpentis	160210 1447 1,15ε	<11,6	1448 1,15 +10,1
14 59	RU Herculis	160625 1457 ~~1~~ 09	<11,2	01:08 1452 +25,3
1503	W Coronae	161138 1453 1,18ε	est <11,1	1455 1,15ε +38,0
1510	W Cor. Bor	161138 1357 1,1~~4~~ε	< 11,4	10.7 1302 +38,1

March 16, 1912

	V Ophiuchi	162712 1504 1,17ε	<10.6	1:16W −12.0
15:18	W Herculis	16219 1509 1,12	est 9,3	1511 1:11, +19,1
15:22	S Herculis	164715 1512 1,35ε	est 8.8	1555 133 +15,0
1527	RV Her,	165631 1323 1.33ε	est 10,1 ?	130 1520 +22,2
1530	Z Ophi	171401 1521 1,53ε	est <11,8	1522 153 +1,4

March 16 1912

	RU Ophiuchi	172809 1524 204	est <11.5	2,04 1525 +9,4
1537	RYd.	175519 1527 2,283	<11,7	2,27 1529 +19,4

Wednesday March 20, 1912

Philip S. O'Reilly Observer 8" Polar Eq.

8:50	RZ Gem.	055622 0842 2,46 W	est 16.3 ✓	8:43 2:48 +22.1
8:53	X Aurigae	060450 0845 2,41 W	est <11.3 ✓	8:46 2:43 +50.2
8:55	SS. Aurigae	060547 0847 2,42 W	est <11.7 ✓	8:48 2:43 +47.8
8:58	V Mon.	061702 0850 2,33 W	est <10.5? hazy ✓	8:51 234 -2.1
	S Lyncis	063558 0852 2,17 W	to far west for dec.	

March 20, 1912

9:02	X Gem.	064030 0853 2,13 W	est < 11.5 ✓	8:55 +30.5
9:06	RX Gem.	064333 0856 2,13 W	est 9.1 ✓	8:59 2:16 +33.3
9:10	W Mon	064707 0900 2,13 W	est < 10.6 ? hazy ✓	9:03 − 0.7
9:09	RW Mon	064907	est < 10.6 ? hazy L	9 0 3 0 − 07,0
9:11	Y Mon	065111 0904 2,13 W	est 10.3 ✓	9:04 2:14 +11.3

14m 2h

D K

March 20, 1912

9:15	R Lyncis	065355 0906 2,13W	est 9.3 ✓	9:08 2:16 +55,4
9:20	R.S Gem.	063530 0909 2,14W	est 12-5 ✓	9:13 21,17 +30.6
9:22	R. Gem.	070122a 0914 2,13W	est <11.7 ✓	9:15 2:15 +23.0
9:32	V Can Min	070109 0916 2,15W	<11,5 ✓	/ 9:25 +9.3
9:32	R Can Min	070310	est 9,2	9:25 +10.1 -1 ~~9.3~~

α γ March 20, 1912

	TR Mon.	071201	est < 11,5	
~~9:37~~ 14 9,23		0927 2,15W	✓	9:37 2:16 +01,2
	S Can Min	072708	est 8.7	
~~9:41~~ 14 9,27		0932 2,05W	✓	9:34 2:08 +8,5
	T Can Min	072811		
		0936 2,08W	✓	
	U Puppis	075612	< 10.9 hazy	
9:33		0948 1.44	very ✓ ✓	0940 1:44 −15,5
	U Gem.	074922	est 11,2	
9.40 W		0942 153	✓	158 947 +22,1

oK March 20, 1912

9 42	V Cancri	081617 0948 1.32W	est <10.9 ✓	9149 132W +17.6
9:44	X Ursae Maj	083350 0950 117W	< 11.9 ✓	9:51 1:18 +50.2
9:46	S Hydrae	084803 0952 1.04W	est <11.6 ✓	953 1.05 +3.5
9:50	T Hydrae	.08508 0954 1.04W	<:9.7? Very faint & cloudy ✓	9:57 −8.6
	X Hydrae	093014 0957 027W 0940 0939 19W	to Cloudy in region	

March 20, 1912

	R Leonis Min	093934	est 9.7	
		1000		
		21		22W
9:57	L			10:04
				+34.9
	R Leonis	094211	est 7.9	
		1005		
		23W	L	10:08
10:01				23W
				+11.8
	X Virginis	115609	est 10.2	
		1009		
		~~13~~		
		1.47E		
			- L	
	O'Reilly Var		est 7.9	
		Look up star on chart		
	R Comae	115919	<11.3?	
		1016		
		1.43E	L Cloudy	10:18
10:11				1:40E
				+19.2

March 20, 1912

10:18	R Comae B.	113919 10 26 1 39ε 11 36 10 22 1 34	<16.6?	1 32ε 10:25 +19.3
10:20	T Virginis	120905 1026 1.43ε	<11.5 hazy ✓	10:28 1 42ε −5.1
	R Corvi	121418 1029 1 45ε	cloudy ✓	
	SS Virginis	122001 1033 1.50ε 13 1.47ε	cloudy ✓	
10:28	T Can Ven	122532 1035 1.50ε	<11.9 ✓	149 10:36 +32.0

March 20, 1912

Y Virginis 122803
1037
1,514
3
Cloudy
✓

U Virginis 124606 lt 10.4
1038
2,083
✓

10:33

20 S
10:40
+ 6,1

I shall have to ~~stop~~ and wait for stars!

It then clouded over

Friday March 22, 1912

Philip G. O'Kelly Observer 8" Polar Eq.

7:35	X Aurigae	060450 0749 1,45W	est <11.6	148 752 +50.2
7:40	V Orionis	050003 (38) 0753 (5) 2,53W 2 3 7	est 10.7 ✓	7,57 2:56 +3.9
~~8:04~~ 747	T Leporis	050022 0758 2,58W	est 11.5? cloudy ✓	~~8:04~~ 305 ~~747~~ -22.0
7:50	R Aurigae	050953 ~~0748~~ 0808 2,59W	est 9.1 hazy ✓	807 2,59 +53.4
7:54	W Aurigae	052036 0808 2,48W	est <12.1 ✓	8:11 251 +36.7

March 22, 1912

7 56	S Aurigae	052034 0812 2,52W	est 10.2 ✓	252W 8:13 +34.1
7:59	R.R Tauri	053326 0815 2,43W	est 11,6 ✓	~~759~~ 8:16 243 +26.1
8:02	U Aurigae	053531 0818 243W	est 9.1 ✓	8:19 2:43 +32.0
8:04	S U Tauri	054528 0820 2,35W	est 9.5 ✓	822 2:37 +28.0
8:07	Z Tauri	054615 0823 -2,37W	est <11.8 ✓	8:24 2:37 +15.8

March 22, 1912

	RU Tauri	054615a	est <11,9	
8:07			✓	8:24 15,8
	U Orionis	054920 0826 2,37W	est <9,8 *	
8:12	Lack of comp. star forces me to compare it thus as!		✓	2 38 8:30 +20.0
	RW Gem	055523	est 9,2	
8:18			✓	8:35 2:38 +23
	Var on same dot	055523a 0831 2,36W	est 11,7	
8:18			✓	8:35 2:38 +23
	RZ Gem.	055622 0837 2,41W	est 10,3	
8:20			✓	838 242 +22,1

March 22, 1912

8:23	S S Aurigae	060547 0840 2,35W 061647 0842 2,36	<11.8 <	2:35 8:41 +47,6
8:34	V Mon	061702 0845 2,28W	est 10.1? lack of stars <	2:33 8:52 −2,2
	~~S Gemis~~	~~063558~~	est 8.9	
8:39	X Gem.	064030 0853 2,13W	<	8:57 2:16 +30,2
8:42	RX Gem.	064333 0858 2,15W	est 8.9	2:15 8:58 +33,4
8:46	W Mon.	064707 0859 2,12W	est <11.6	9:03 −7.

March 28, 1912

8:47	RU Mon	064907	est 11.7?? hazy ✓	9:03 −7.1
8:48	V Mon :	065111 0905 2.14	est 10.4	9:05 2:14 +11.3
8:51	R Lyncis	065355 0906 2.13 W	est 9.2 ✓	2:16 W 9:08 +55.4
8:52	RS Gem.	065530 0905 2.14 W	est <11.9 ✓	2:4 9:10 +30.6
8:54	R Gem.	070122a 0910 2.09 W	est <11.2 ✓	2:10 9:11 +22.9

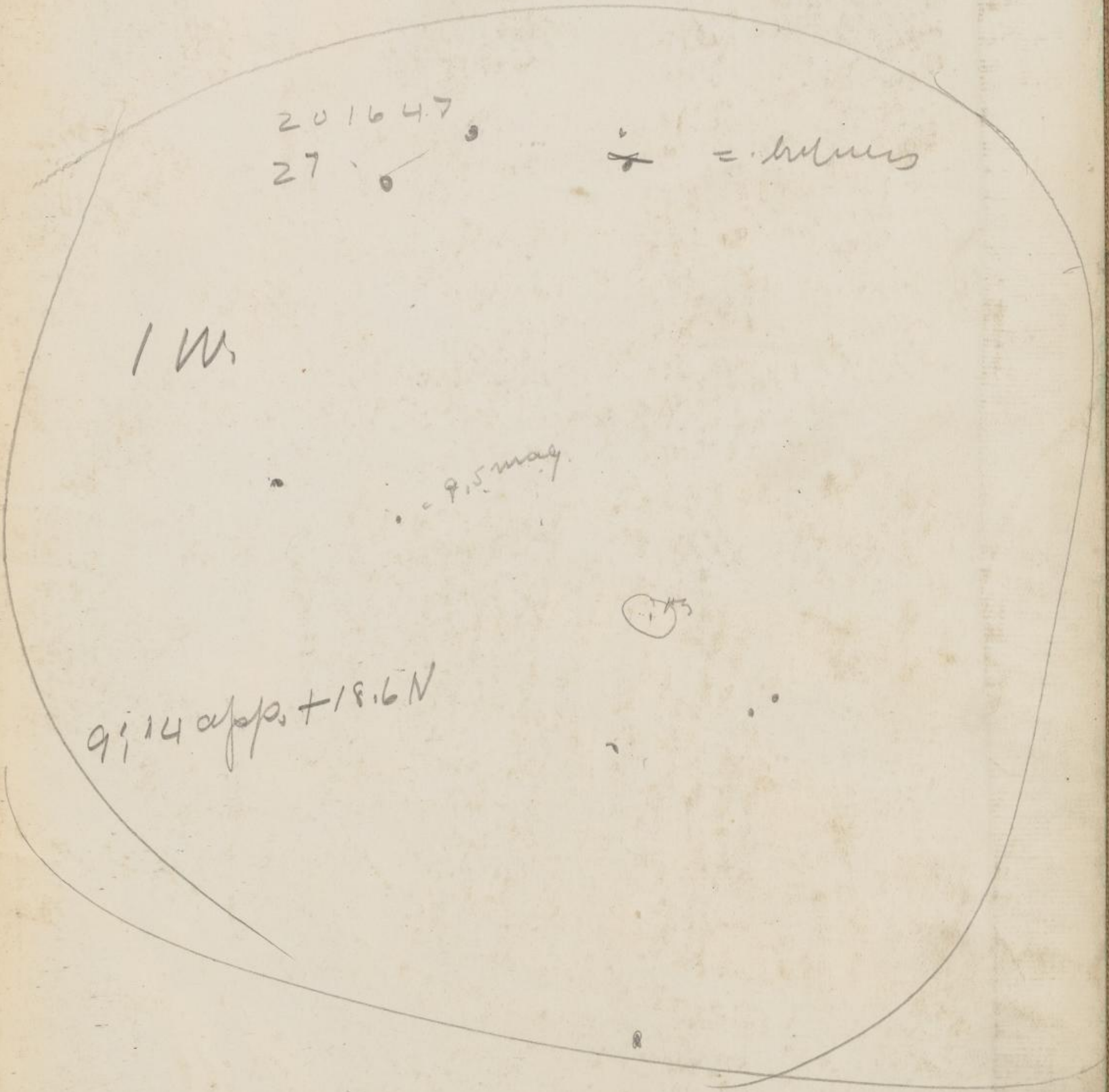
March 22, 1912

8:57	V Can Min	070109	est <11.9 ✓	2:11 9:14 +9.0
8:58	R Can Min	070310 0923 2 18 W	est 9.6	2:12 9:15 +10.1
9:01	RR Mon	071201 0916 2 04	est <11.5 ✓	2 05 9:18 +1.2
9:04	S Can Min 0728 0923 1.55	072708 0920 1.53 W	est 8.6 ✓	1.54 9:21 +8.5
9:07	U Puppis	075612 0924 1.28	est <11.6 ✓	1.28 9.25 −12.6

ok March 22, 1912

9:12	U Gem.	074922 0926 1,37W	est 11,3 V	140 +22,2
9:14	V Canc	081617 0930 1,14W	est 9,4 ✓	1:16W 9:32 +17,5
9:17	X Ursae Maj	083350 0933 100	est 12,2 hazy V	01,2 9:35 +5 0,4
9:21	S Hydrae	084803 0.936 48W	est 11,6 * *Lack of comp stars V	49.W 9:38 +3,3
9:23	T Hydrae	085008 0940 50W	est 9,7 V	50W 9:41 —8,8

1910phae.proj.108B0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