

KG

11365

760

6-inch W. Equatorial

1917 January

KG 11365 760

54

KQ 11365.760



Tues. Jan. 23, 1917

Obs. with 6"

G. F. Nolte obs.

7 30	S Ceti	<u>001909</u>	<12.2	
	U. Androm	010940	12.0	
?	U. Piscium	011712	12.2	
	RU Androm	013238	9.7	R=2
	S Arietis	015912	11.0	R=2
	R Ceti	022000	10.8	
	W Tauri	042215	10.5	R=6
	T Orionis	<u>053005</u>	9.7	R=2
	SU Tauri	054319	<12.5	
	R Gemin.	070122	9.6	R=8
	TW Gemin.	070122a	8.4	R=6
	I Gemin.	070122b	12.4	
10 00	R Cancri	081112	9.7	R=2

Fri. Jan. 26 - 1917

6" W. Eg.

SS Cygni 21 38 4 3

27 03

5-25 W. 43.5

6 30

est 11.9 P.C. OB.

✓

17 55 est 11.8 P.C.

Tuesday, Jan. 30, 1917.

6 W. Eg.

#6 ⁴⁵/₅₀

218843 SS Cygni

$\tau_{\text{ar}} = 10.5$ (or 6)

High power used

Moonlight in region

✓

21 35
27 34
6

J.E.W.

7 25

SS Cygni

$\tau_{\text{ar}} = 10.4$

region clearer than earlier

✓

28 20
21 38
6 42

J.E.W.

Feb. 2, 1917

6" W. Eq.
 Dec. 16

6 16 55 Cyg 213843
 at P.H. R=3

Tues. Feb 6, 1917

6" W. Eq.

SS Cygni 2138X3

6 46

est f. 3 PC.

est f. 3 ARB

Sat. Feb. 10-1917
6" W. Eq

~~21~~ 3 FK3 SS Cygni

6 40

ent f. 7

LC

6 41

ent f. 6

FFVB

Sun. Feb 11, 1917

RC. Ob. 6" W. Ey.

7 30 SS Cygni 21 38 43 est 90

Sat. Feb. 17, 1917

6" W. Eq.

SS Cygni 21 38 43 L. 0.016

6 5-5 —

Oct 11.2

Region low, seeing poor
8 obs diff. but variable,
surely seen. 11.8 not seen
but 10.9 clearly seen.

Tuesday March 6, 1917

G.F. Nolte obs.					
7.50	S Ursae Majoris	123961	est. 8.6	R=4	
	T Urs May	123160	est. 7.6	R=4	
9.00	S Cassiop	011272	est. 9.7	R=8	
	T Cephei	210868	est. 7.5	R=8	
	V Cassiop	236759	est. 9.5	R=4	
	S Urs Min	153378	est. 8.2	R=8	

Tuesday, March 6, 1917.

J. E. Woods, Obs.

Watch D

Bright moonlight.

8 20 072708 S Canis Minoris
var. N.S. < 9.7

7 18
7 30
0 12

(omit hereafter) 024217 T Arietis
8 25 var. = 9.2

2 41
7 40

8 35 011272 S Cassiopeiae
var. about 9.6 ?

1 04 128
7 45 7 50
6 41 6 20

Monday, March 26, 1917.

J.E. Woods, Obs.

Watch A

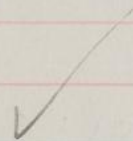
Very smoky.

Tried for $-26^{\circ}9905$, minimum, but too smoky to identify as low an obj.

094211 R Leonis

11 05

var = 9.7



070122a R Geminorum

Too hazy.

6 54
11 41
4 47

L. then this date

Wednesday, March 28, 1917.

J. E. Woods, Obs.

Watch A

Very clear, little wind, cold.

9 50 084803 S Hydrae.

var. = 8.7

8 40
10 15
1 35

* Seeing is excellent.

10 00 072708 S Canis Min.

10.0 is quite bright, =
= at least .5

Var. N.S.

∴ var. < 10.5

7 18
10 20
3 2

10 05 094211 R Leonis

var. = 9.5

Redness = .7 ?

9 40
10 25
0 45

10 15 154428 R Cor. Bor.

var. Bright

1 magn. > 7.2 ?

var. = 6.2 or brighter.

Much more hazy in east.

-269905 133926

Wind rising. Var. too low to surely identify

15 37
10 40

Thursday, March 29, 1917.

11 54 133926 $-26^{\circ}9905$ Algol Minimum Predicted
see 15 inch books for est. with Mr. Campbell at 9^h 51^m
9 23 h

L. to here

Tuesday Apr. 24, 1917.

8 15

U Geminorum 074922 est 11.5

J.F. Nolte, obs.

Thursday, May 17, 1917.

J.E. Woods, Obs.

Very clear.

10 50 103769 R. Ursa Majoris

var. N.S. < 10.5

10 37
14 37

Probably < 11.0 vs $10.5 =$ at least $5''$

11 20 133926

L.C. $v = d$

J.E.W. $v = c31d$

14 45 15 00
15 39 16 19
1 6 1 21

11 40 213843 SS Cygni

var. N.S. < 10.9

10.9 barely seen

21 34
15 35
6

18 0531 T. Herculis

Too high for dome

18 2
15 45
2 17

11 50 160210 U. Serpentis

var. = 8.9

16 2
15 50
0 12

Friday, July 6, 1917.

J. E. Woods, Alb.

Hot, clear, Moon full.

10 20

213843 SS Cygni

var. seen?

Moonlight quite strong.

10.9 seen.

var. = 11.2?

17 35

21 38

4

115919 R Comae Ber.

Too low

17 54

11 59

5 55

10 40

160118 R Hercules

var. N. S. < 10.7

16 01

18 00

2

10 55

160210 U Serpentis

var. = 8.8

16 02

18 10

2 08

Moonlight strong.
Growing hazy.

Tuesday, July 31, 1917.

J.E. Woods, Ohs.

Moon very bright. Hazy, hot.

094211 R Leonis

Can not identify.

Moonlight very strong.

(This could not be seen. Time should have been 19^h instead of 7^h.)

10 3769

Too high

$$\begin{array}{r} 10\ 37 \\ 7\ 23 \\ \hline 3\ 14 \end{array}$$

$$\begin{array}{r} 9\ 32\ 932 \\ 6\ 54\ 7 \\ \hline 2\ 38 \end{array}$$

$$\begin{array}{r} 9\ 38 \\ 7\ 15 \\ \hline 2\ 23 \end{array}$$

10 35

122169 SS Draconis

M.S. < 9.8

~~$$\begin{array}{r} 12\ 21 \\ 7\ 25 \\ \hline \end{array}$$~~

$$\begin{array}{r} 12\ 21 \\ 17\ 25 \\ \hline 7\ 4 \end{array}$$

Wednesday, September 12, 1917.

J. E. Woods, Obs.

Clear, cool.

1544

22

6 16

1806

2206

480

10 25

180531 T Herculis

$\gamma = 9.7$

170627 RT Herculis

var. =

1706

2215

509

Cannot open door of dome

This var. too low for opening of shutter.

044242 SV Persei

Cannot be seen, see
note above.

04 40

25 40

22 20

22 20

17 40

6 20

10 50

194604 X Aquilae

10.2 = at least .4

var. n.s. < 10.6

0215

26 15

22 25

3 50

1946

22 30

22 30

19 46

3

2 44

2235

3948

247

2010

2240

11 00

201008 R Delphinus

var. = 9.7

Door of Dome was found fastened out of reach.
Effort has been made to find variables among
charts at hand which may be seen through
small opening of shutter. Too bad! A wonderfully clear night.
J.E.W.

Fri. Oct. 26, 1917

6" W. Eq.

Dis. Jup. III

S. 5-45 gone

- 10^s con to watch

13^h 05 35 3 MT. 7 Dis.

M.H.V. Ch.

D.W.B. Rec

C watch used = 11^s fast at 8:19

Wed Feb 13, 1918

6" WEG.

6 58

SS Cygni 213843

at 10.3 PE.

at 10.3 M.A.H.

Mon Feb. 18, 1918

6 "W. Eq.

6 50

21 38 43

SS Cygni

est 11.5 R

est 11.7 M.A.H.

Thursday, February 21, 1918.
6 inch

Watch F

Clear, some passing clouds, cold.

0.72708 S Canis Minoris

6 38

7 20

0 42

var. < 10, 2

moonlight very strong in region.

Thurs. March 28, 1918

6" Equal.

8:30	+ Orion	<u>053005.5</u>	est	9.9	L.C.
				10.0	M.A.H.
	+ Puppis	<u>075612</u>	est	10.7	M.A.H.
9:10	+ Monoc.	065111	est	11.4	M.A.H.

1 - 1 L.C.
3 - 3 M.A.H.

Monday, April 1, 1918

6" Equatorial

12:15 W Tauri 042215.8 est 9.8 M.A.H.

Ullionis 054920.2 est 9.9 M.A.H.

Copied from memo^{book} next morning

2 2 M.A.H.

Sunday, April 5, 1918

6" Equat.

12:50	R Seforis	<u>045514</u>	est 7.7 m.a.H.
	W Persei	024356	est 8.9 m.a.H.
	S Persei	021558	est 9.1 m.a.H.
	T Persei	021258	est 8.8 m.a.H.
14:00	R Sycis	065355.5	est 7.8 m.a.H.

5-7 MAH

Wed. May, 8, 1918

6" Equat.

12:45 η Orionis 054920.2 est 8.8 M.C.H.

S. Camelopard 053068 est 8.7 M.A.H.

χ Camelopard 043274 est <11.5 M.A.H.

R. Syncis 065355.5 est 8.3 M.A.H.

γ Draconis 093178 est 11.5 M.A.H.

5 - 5 M.A.H.

Wednesday, May 8, 1918.

6 inch.

J.E. Woods, Obs.

clock time

10 25 094211 R Leonis 6.8

084803 S Hydrae ≈ 10.5 (much fainter than 10.2
perhaps barely visible. Extremely
low.)

11 00 162807 S S Herculis 10.1

3 - 3 I.E.W.

28

Thurs. May. 9, 1918

6" Equat.

13:00

R Bootis 143227.2 est 7.9 m.a.H.

γ Sgrae 150605 est 9.0 m.a.H.τ Hydrae 085008.8 est 8.1 m.a.H.

R Leonis Min. 093934 est 9.6 m.a.H.

R Leonis 094211.9 est 6.3 m.a.H.

γ Cancri 081617.6 est 8.0 m.a.H.

R Cancri 081112.0 est 7.0 m.a.H.

14:45

R Draconis 163266 est 9.1 m.a.H.

quite cloudy

F-13

MAH

— 3

J.E.W.

Mon May 13, 1918.

6⁰⁰ W 29.

+29.1

4^h 18^m west.

11:52 = ST.

> 34 = ~~3~~ Gen

+32.2

4 28 west

11:53 ST.

> 25 = ~~2~~ Gen

$$\begin{array}{r} > 34 & + 29.1 & = 3 \text{ Gen} \\ > 39 & + 28.3 & \\ \hline -5 & + 0.8 & 0-C \end{array}$$

$$\begin{array}{r} > 25 & + 32.2 & = 2 \text{ Gen. Obs. Pos.} \\ > 28 & + 32.1 & \text{Comp. 1900 Pos.} \\ \hline -3 & + 0.1 & 0-C \end{array}$$

+32.2

4^h 32 west

11:56 = ST.

= 2 Gen.

+28.4

4 22

11:57

= 3 Gen.

$$\begin{array}{r} > 24 & + 32.2 & \\ > 28 & + 32.1 & \\ \hline -4 & + 0.1 & 2 \text{ Gen} \end{array}$$

$$\begin{array}{r} > 35 & + 28.4 & \\ > 39 & + 28.3 & \\ \hline -4 & + 0.1 & 3 \text{ Gen} \end{array}$$

Friday, May 17, 1918

6" Equatorial

13:30

T Camelopardalis 043065 est 7.8 m.a.H.

S Camelop. 053068 est 8.4 m.a.H.

X Camelop. 043274 est < 11.5 m.a.H.

R Lynx 065355.5 est 8.2 m.a.H.

R Aurigae 050953 est < 11.5 m.a.H.

Z Aurigae 055353 est 10.2 m.a.H.

U Gem. 074922.3 est < 11.7 m.a.H.

U Serpentin 160210 est 11.2 m.a.H.

V Virgin 13222 est 9.3 m.a.H.

15:00

W Virgin ——— " 10.4 m.a.H.

10 - 23 M.A.H.

— 3 S.E.W.

Mon May 20-1968

6⁰⁰ Wrg.

U Gemini 07922

est 11.5 $\pm$ PC.

13 15

var thought to be easily seen but
could not well confirm
on acct of clouds in region.

Thurs May 23 - Oct.

6" W Eg.

RC ab

15-20 SS Cygni 213+43 est < 10.8

moon bright

Monday, October 7, 1918.

6" inch

J. E. Woods Obs.

Summer
Time
8 15

Very clear, little wind.

180531 T Herculis 8.7

164715 S Herculis 7.7

~~T Herculis~~

Watch set wrong

18 00

22 15

4 15

16 42

22 30

5 48

18 2 30
3 30

22 40

16 4

5 36

7 2

4 4

21 45

18 7

2 37

16 50

16 50
7 18

6" West Equ. Altitude Obs.

9M7 Friday, October 17, 1919

12145 175103 SV Opheim's Sequence
 a 4 d 4 e 1 f 1 g. b 2 a
 g 3 h 2 k 3 l 3 m. g 2 v a 2 h.

181031 TV Anclis
 a 1 b 3 c 2 u 2 e
 w 3 x 3 y 2 z 4 d 3 a 2 g 1 f
 fainter stars too difficult.

6 in W. Eq.

Wednesday, January 14, 1920

gm7

22 09 060547 55 Amigae certainly < 12.4 .
glimpsed.

Friday Jan 30, 1920
6ⁱⁿ W. Eq.

19 55 SS Aurigae 060547 < 12.4 740E

Saturday, Mar. 27, 1920

gm7 6ⁱⁿ W. Eq. H.O.S. obs.

18:55 55 Cygni 213843 10.3

Binooculars

19:00 R Cr. Br. 154428 6.1

Sunday, March 28, 1920

JM7

JHE obs.

17 15 R Cr. Br 154428 Est. 6.0 Binoc.

6 in. W. Eq.

18 35 SS Cygni 213843 Est 11.0
Seeing: poor.

Friday, April 9, 1920

gmm
19:10 R Cr Bn 154428 6.0 (H.E.) 2108 Ch.

19:35 SS Cygni 213843 12.0 ± H.E.

R Cr 153, 37, 38, 39
SS Cyg. 37, 38, 39, 40

April 19, 1920

6th W. Eq. Observers:

Jms

Sp. = Mr. Spurney
HSE = Mr. Eaton.

13: 80 060547 SS Aurigae ≈ 12.4 HSE

≈ 130 Sp

060547 SS Aurigae (again with 15" E Eq)

X2 ran 2 y Sp

X4 ran 6 d HSE

6 inch 074922 U Gemin ≈ 13.2 Sp

093934 R Her. Min. - 76 HSE

80 Sp

14:30 094211 R Leonis

68 HSE

72 Sp

17 40 213843 SS Cygni ≈ 11.5 HSE

Tues Nov. 9, 1920

E. S. T.

Partial eclipse of Sun

L.C. AB

6" W 22

C. Watch

21 01 30

Sun's disc seen as indented but
could not observe first contact on
account of clouds.

23 30 24

- 22

Last contact $\pm$ 2 sec.
= error of watch

23 30 02

E. M. T. 75th Mer Time

42

Sunday March 13, 1921

9.M.T.

L.C. obs

6" W. Equ.

#SKT_g

14.30 R. Cor. 154428 Est 8.5
 Variable decidedly fainter than 7.9
 sl. fainter than the 8.3
 obs made thgh consid clouds

Wed. Oct. 12, 1921

6" W. eq.

S.M.T.

U. Urs. min 141567

13 00

est 11.2 A.S. Schwartz

est 11.3 L.C.

(S.T. = 21.32 at 7.44 A.S.T.)

S Bootis

141954

$$\begin{array}{r}
 1419 + 54.3 \\
 \underline{2149} \\
 730 \text{ W}
 \end{array}$$

13 35

est

8.6

A.S.S.

R Cygni

193449

230.4

1934

14 30

330 W

est. < 10.01450 RT Cygni 194048 est 11.5

1940

2325

345 W

1500 T U Cygni 194348 est < 11.5

Wednesday Oct 12 1921

15:10

U Cygni

201647

Est 9.9

2016

2349

333

W

~~R Aquarii~~

~~233815~~

~~2338~~

~~2400~~

~~022~~

~~W~~

Saturday October 22, 1921

45

6" W. Equ

G.M.J. U Cygni 201647 Est 9.9 A.E.S.
12:45 2016

2145
1h 29m W

13:55 S Bootis 141954 Est 8.6 A.E.S.

2310

1419

851

Rather low;
seeing poor.

14:05 S Aquilae 200715A Est. 10.0 A.E.S.
2325

2007

318 W

14:10 R W Aquilae 200715A Est. 9.1 A.E.S.

14:20 R Sagittae 200916 Est 10.2 A.E.S.

14:40 R Aquarii 233815 Est 9.4 A.E.S.

2338 R.A.

2345 S.T

0 07 W

14:55 T Aquarii 204405 Est. 7.6 A.E.S.
2400 S.T

2044

316 W

[Cover for Telescope -]

Sat. Oct 22, 1921

G.M.T.

15:05

R Pictum

012502

Est 11.6

A. E. E.

0125

0020

105 E

15:15

o Ceti (Mira) 021403

Est 9.0

A. E. S.

0214

0030

144 E

15:35

W Jauri

042215

Est 9.1

A. E. S.

0422

0035

347 E

R Leporis

045514

0455

0050

405 E

Rather low

Moon interfered.

~~15:55~~

Y Persei

032043

Est ~~8.3~~

A. E. S.

16:10

0321

8.6

0115

206 E

16:00

W Persei

024356

Est 9.1

A. E. S.

0243

0120

123 E

Thursday, December 1, 1921

47

6" W. Equit.

G. R. T.

11:50

R Scuti 184205

$$\begin{array}{r} 2340 \\ 1142 \\ \hline 458 \text{ W} \end{array}$$

205 low in the west.

A. E. S.

12:50

U Cygni 201647

Est. 7.9

A. E. S.

$$\begin{array}{r} 2445 \\ 2016 \\ \hline 429 \end{array} \quad \begin{array}{r} 435 \\ 2016 \\ \hline 2451 \end{array}$$

+ 6 min. err.

13:20

R Aquarii 233815

Est. 7.9

A. E. S.

$$\begin{array}{r} 110 \\ 2338 \\ \hline 132 \text{ W} \end{array}$$

14:05

X Cygni 194632

Est. 9.7

A. E. S.

14:20

R Piscium 012502

Est 11.5

A. E. S.

$$\begin{array}{r} 0210 \\ 0125 \\ \hline 45 \text{ W} \end{array}$$

14:25

o Ceti

021403

Est 9.3

A. E. S.

14:35

W. Zauri

042215

Est 9.6

A. E. S.

$$\begin{array}{r} 6422 \\ 0225 \\ \hline 157 \text{ E} \end{array}$$

Thurs Dec 1, 1921

p.m.

14:45	R Leporis	<u>045514</u>	Est. 10.5 h. E. S.
14:55	U Orionis	054920	Est. 8.9 h. E. S.

Wed. Dec. 7, 1921

G.M.T

L.C. Obs.

11-43-

L.S. Quiriga 060547

L.C. Rec.

est. 11.0

50

Monday May 22, 1922

g.m. 7.

1450

U Herculis

162119

Est

10.3 Z.C.

Est

10.2 A.E.S.

Accident Book

Regular ~~regular~~ book
not available

Fri. Sept. 19, 1924
L. Alb. 12" Polar FTC Rec

12 2345 S. Cygni 213843 Est. 11.7

B. R. Cygni 193846
- red B

comp. des

12 28.20

1172

1738

566

3028

518

3546

1084

+145"

1297

+167

1704

407

2064

511

3575

91.8

+189.

a

2064

2728

664

268

622

890

1286

+1.01

2014

2734

720

208

744

952

1464

+083

+065"

12 3 210

September 19-1924

53

Photometer F.

	Uranus.	Uranus dis	
12.37 40	226.7	235	
	250.2	254	
	48.0	<u>489</u>	
	734		- 3.32

2228		
2508	280	- 328
474	230	
704	<u>510</u>	- 323

a

Mean = - 370

3204		
3344	140	
3418	168	
1586	<u>308</u>	- 4.35

	3190		
	3348	158	+ 4.20
	1400	196	
12 42 25	1596	<u>354</u>	- 404

Sept. 19 - 1924

12:45 20 a II

3202		
3368	166	
1408	168	
1576	<u>33.4</u>	-4.17

3188		
3356	168	-413
1406	178	
1584	<u>34.6</u>	-409

B Mean = 3.74

488		
722	234	
2254	255	
2509	<u>48.9</u>	-332

12:49 30

482		
730	248	335
2276	228	
2504	<u>476</u>	338

Sept. 19 - 1924 -

III

12 58.45

13.

478

728

2248

2488

25.0

240

490

-3.32

464

709

2238

2494

243

25.6

49.9

-330

-328

-a-

1424

1563

3188

3374

139

186

325

mean = -373

-422

1400

1594

3194

3347

194

153

347

-416

-409

13.030

Sept. 191924

13, 11:10 α

1404		
1588	184	
3208	140	
3348	<u>3.2.4</u>	-423

IV

1404		-4.11
1599	195	
3177	167	
3344	<u>36.2</u>	-399

β

3248		
2494	246	
470	268	
738	<u>51.4</u>	-321

Mean = -370

2255		-329
2498	243	
458	236	
13 -15-15	694 <u>47.9</u>	-337

Sept 19 / 24

B

~~VA~~

13-2500

227.4

245.8

184

29.4

39.4

68.8

57.8

-29.4

227.7

249.8

221

-306

444

300

744

52.1

-318

A

Mean = - 35.8

3174

3324

150

1423

195

1618

34.5

-410

3204

3369

165

-410

1402

182

13 29.15

1584

34.7

-409

Sept 19 / 24

13 36'05" - A -
 3184
 3352 168
~~1578~~ 170
 1414 33.8
 1584

414

VI

3164
 3362 198
 1398 208
 1656 40.6

394

374

mean = - 562

453
 723 270
 2239 269
 2508 53.9

311

8

477
 724 237
 2268 212
 2480 449

331

351

13 40'00"

Sept 19 - 1924

59

	<u>02</u>		<u>UTI</u>
13 4910	472		
	728	256	
	2258	251	
	2509	<u>50.7</u>	-32.4

	466		
	730	264	316
	2226	278	
	2504	<u>54.2</u>	309

	<u>a.</u>		Mean - 363
	1437		
	1589	152	
	3198	162	
	3360	<u>314</u>	421

	1388		410
	1578	190	
	3199	185	
13 53118	3384	<u>375</u>	391

60

Sep 19 / 24

14
12:01:30a-
1427
1587
3198
3358160
160
320

426

VIII

1416
1608
3158
3374192
216
408

399

372

B

Mean = 366.

2244
2518
458
714274
256
530

-314

2276
2497
468221
229
450

332

14 0525

697

-351

Sept 19 - 2 +

61

14:20

14 10 40

B

2264

2494

455

725

230

270

50.0

327

2256

2505

488

727

249

239

48.8

330

333

mean = -360

3178

3374

1384

1598

196

214

41.0

371

3198

3364

1412

1598

166

176

34.2

391

141446

411

IX

@

by clouds of
coming inRegion coming
Southern wind

Troubled by clouds in
last half of the above group

1917phae.proj..761C