KG
11966
v. 256

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Pyrheliometer

Record

1916

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Sample Form of Record.

Monday July 5, 1915. W Obs. Sky condition 2 Cu hazy.

Mean Air T. = 20.0° C. Time 11 10 20 to 11 20 00.

18.72 18.70 19.20 20.50 20.30 19.50 20.00 23.00 22.50 21.00

(1.51) Mean (2.73) (3.95)

Hygrograph = 42.0°, W. B. = 48.0° F, D. B. = 61.0° F, at 11 25.

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Shadow from Blocks 2½ inches long.

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Monday Jan 3rd 1916

W. Obs.

Sky Cu H. ⊙ clear Air T = 20.5 C.

9. 38. 20	Std	= 16. 44		
40 00	–	= 16. 48	= 0. 04	
40. 20	Obs	= 14 28		
42 00	–	= 21. 14	= 3. 86 + 0. 25 =	4. 11
42 20	Std	= 21. 02		
44 00	–	= 20. 56	= 0. 46	
44 20	Obs	= 21. 22		
46 00	–	24 62	= 3. 40 + 69.	4. 09
46 20	Std	24 48		4. 10
48 00	–	23. 58	= 0. 90. Air T = 24. 3	

Hygro = 53.0 at 9.50 Wet B = 55.0 Dry B = 64.5 Mean Air T = 22.4 C.

Too cloudy for 2nd reading

W.

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Monday Jan 10th 16

Sky Obs 5. © clear Air T = 19.2 C.W. Obs

10. 09.20 = Std - 15.90

11. 00 T = 15.98 = + 0.08

11. 20 Std = 16.42

13 00 T 21.00 = 4.28 + 0.35 = 4.63

13. 20 Std = 20 92

15. 00 T 20 30 = 0.62

15 20 Std - 21.04

17 00 T 24.50 = 3.46 + .80 = 4.20

17. 20 Std 24.38

19 00 - 23.40 = 0.98 Air T = 23.5

Glycpo = at W.B = D B: Mean Air T =

Cloud over Sun

10. 21 21 = Std 22.80

— 22 00 T

— 22 20 Std

— 24 00 T

— 24 20 Std

— 26 00 T

— 26 20 Std

— 28 00 T

— 28 20 Std

— 30 00 -

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Wednesday Jan 12th /16

Sky. Cu H. Clear. W Obs.

Air T = 19.0 C

9.	31.	20	Shd =	15.62.	
	33	00	— =	15.70 =	− 0.08
	33	20	Exp	16.50	
	35	00	—	20.35 =	3.85 + 0.31 = 4.16
	35	20	Shd	20.22	
	37	00	—	19.68 =	0.54
	37	20	Exp	20.40	
	39	00	—	23.70 −	3.30 + 0.74 = 4.04
	39.	20	Shd.	23.58	4.10
	41.	00	—	22.64 = 0.94	Air T = 22.0

Hygro = 50.0 at 9.00 W.B = 56.2 D.B = 64.8 Mean Air T = 20.5

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Sunday Jan 16. 1916.

Sky 0. thunbis ⊙ clear H Obsr.

10	51	20	Shd	15.15	a. Temp 22.5 b
10	53	00	–	15.24	0.09
10	53	20	Exp	16.09	
10	55	00	–	20.20	4.11 + 0.28 = 4.39
10	55	20	Shad	20.21	
10	57	00	–	19.74	0.47
10	57	20	Exp	20.41	
10	59	00	–	24.01	3.60 + 0.68 = 4.28
10	59	20	Shd	23.92	mean = 4.335
11	01	00	–	23.03	0.89 air Temp 23.9 b
					mean " " 23.2 b

Hygro 37.0 at 11 05 D ⊙ 56.7 F. W ⊙ 53.2 F.

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Sunday Jan 21st. /16

Sky 6 Cucul ⊙ clear Air T = 20.5 C

9.	05. 20	Shd	=	15.75	
	07 00		=	15 82	= - 0.07
	07. 20	Exp	=	16. 58	
	09 00			20. 24	= 3.66 + 0.27 = 3.93
	09 20	Shd		20. 18	
	11 00			19. 70	= .48
	11. 20	Exp		20. 34	
	13 00			23. 52	= 3.18 + 0.65 = 3.83
	13 20	Shd		23 42	
	15 00			22 60	= 0.82

3.88
Air T = 22.0 C

Hygro = 49.0 at 9.00 W.B = 54.8 D.B = 66.5 Mean Air T = 21.25

Sky 6 Cucl. ⊙ clear Air T = 21.0 C

1.	44 20	Shd	=	17.48	
	46 00		=	17.58	= - 0.10
	46 20	Exp		18.40	
	48 00			22.32	= 3.92 + 0.30 = 4.22
	48 20	Shd		22 20	
	50 00			21.70	= 0.50
	50 20	Exp		22.38	
	52 00			25.90	= 3.52 + 0.66 = 4.18
	52 20	Shd		25.72	4.20
	54 00			24.90	= 0.82

Air T = 24.0 C

Hygro = 40.0 at 1.20 W.B = ~~54.0~~ 58.2 D.B = 69.2 Mean Air T = 22.5 C

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Monday Jan 24th 1916

Sky 6. Hazy

W Obs.

8	34.20	Shd = 14.86		Air T 20.5 C
	36 00	— = 14.90	= − 0.04	
	36 20	Eb = 15.68		
	38 00	— 19.32	− 3.64 + 0.26 = 3.90	
	38 20	Shd = 19.22		
	40 00	— 18.74	= 0.48	
	40 20	Eb 19.42		
	42 00	— 22.58	= 3.16 + 69 − 3.85	
	42 20	Shd 22.40		3.875
	44 00	— 21.50	= 0.90	Air T = 21.5

Elyapo = 430 at 920 W.B = 54.7 D B = 62.0 ℉ Mean Air T = 21.0

Too cloudy. For 2nd Reading

W.

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Friday March 3rd 1916

Sky fair 6/10 Cloud W Obs

Aver T = 22.5

10	54.20	Thd	16.10	
	56 00	–	16.18	= 0.08
	56 20	Ehd	17.08	
	58 00	–	21.28	= 4.20 + 020 = 4.40
	58 20	Thd	21.12	
11	00 00	–	20.80	= 0.32
	00 20	Ehd	21.50	
	02 00	–	25.04	= 3.54 + .62 = 4.16
	02 20	Thd	24.90	
	04 00	–	23.98	= 0.92 4.25

Hygro = 38.0 at 10 00 W.B = 54.6 D.B = 64.8 Aver T = 23.0

Mean Aver T = 22.9

Thin cloud over sun at close W.

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Thursday mch 16. 1916.

Sky 0.3 hazy ⊙ clear air Temp 19.16

10	36	20	Shd	15.36			
10	38	00	—	15.50	0.14		
10	38	20	Exp	16.37			
10	40	00	—	20.29	3.92	+ 0.25 =	4.17
10	40	20	Shd	20.32			
10	42	00	—	19.96	0.36		
10	42	20	Exp	20.61			
10	44	00	—	24.65	3.44	+ 0.58 =	4.02
10	44	20	Shd	23.98		mean =	4.095
10	46	00	—	23.18	0.80	air Temp	25.96
						mean " "	22.56.

Hygro 38.0 @ 10 50 am W. B 57.1 F. D B 68.1 F

cloudy in PM.

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Thursday April 6. 1916

Sky 2 hrs ⊙ [illegible] Temp 18.16

10 50 20 Shd ~~15~~

10 52 00 —

Exp

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Thursday april 6 1916

sky 2 cirs ⊙ clear air Temp 20.36

10 52 20 Shd	16.88		
10 54 00 —	16.91	0.03	
10 54 20 Exp	17.50		
10 56 00 —	21.48	3.98 + 0.22 =	4.20
10 56 20 Shd	21.44		
10 58 00 —	21.04	0.40	
10 58 20 Exp	21.70		
11 00 00 —	25.30	3.60 + 0.63 =	4.23
11 00 20 Shd	25.08	mean	4.215
11 02 00 —	24.22	0.86	

air Temp 22.76

mean " " 21.5

Hygro 40.0 at 11.06 D-B 65.0 F. W.B. 53.9 F Obsr H

Cloudy in PM.

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Friday april 7. 1916

sky 0 ⊙ clear air Temp 17.6 6

9	39	20	Shd	15.22	
9	41	00	—	15.39	0.17
9	41	20	Exp	16.20	
9	43	00	~~f~~	20.16	3.96 + 0.30 = 4.26
9	43	20	Shd	20.15	
9	45	00	—	19.73	0.42
9	45	20	Exp	20.42	
9	47	00	—	24.08	3.66 + 0.64 = 4.30
9	47	20	Shd	24.04	mean 4.28
9	49	00	—	23.18	0.86 air T. 22.9 6
					mean " " 20.2 6

Hygro 37.0 at 9 59 ☿ B 51.7 F. ♁ B 65.6 F. Obs H.

Visitors

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april 16. 1916

Haze around sun at
10 15 am.

cloudy in pm.

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Monday. april 17. 1916

Sky + lenses ⊙ clear air Temp 16.96

Aber 76

10	13	20	Shd	15.36	
10	15	00	—	16.00	0.64
10	15	20	Exp	16.29	
10	17	00	—	20.18	3.89 + 0.48 = 4.37
10	17	20	Shd	20.10	
10	19	00	—	19.77	0.33
10	19	20	Exp	20.38	
10	21	00	—	23.75	3.37 + 0.48 = 3.85
10	21	20	Shd	23.69	mean. 4.11
10	23	00	—	23.06	0.63

Thin clouds over sun at close.

air Temp ~~0.12~~ 22.0 C

mean " 19.4 C

Hygro 35.0 at 10 29 D13 69.0 F. W.B. 58.8 F.

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Monday May 1, 1916.

Sky clear ☉ clear obsr H6

10 35 20	Shd	16.19		air Temp	13.0 C
10 37 00	—	16.29	0.10		
10 37 20	Exp	17.08			
10 39 00	—	21.13	4.05 + 0.29 =		4.34
10 39 20	Shd	21.15			
10 41 00	—	20.67	0.48		
10 41 20	Exp	21.35			
10 43 00	—	24.80	3.45 + 0.68 =		4.13
10 43 20	Shd	24.81		mean	4.235
10 45 00	—	23.93	0.88	air Temp	15.1 C
				mean " "	14.0 C

Hygro @ 10.51 32.0 H.B. 51.9 F D.B 67.1 F

Sky hzl 1 ☉ clear H. Obsr air Temp 14.1 C

4 03 20	Shd	18.20			
4 05 00	—	18.24	0.04		
4 05 20	Exp	18.88			
4 07 00	—	21.95	3.07 + 0.23 =		3.30
4 07 20	Shd	21.96			
4 09 00	—	21.54	0.42		
4 09 20	Exp	22.04			
4 11 00	—	24.66	2.62 + 0.59 =		3.21
4 11 20	Shd	24.55		mean	3.255
4 13 00	—	23.79	0.76	air Temp	18.1 C
				mean " "	16.1 C

Hygro. 37.0 H.B. 50.8 F D.B. 63.6 F at 4.19

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Tuesday may 2. 1916

Sky 3 Cirrus ⊙ clear ✳ Obr

10	15	20	Shd	15.93		air Temp 18.0 b
10	17	00	—	16.06	0.13	
10	17	20	Exp	16.88		
10	19	00	—	20.89	4.01 + 0.29 =	4.30
10	19	20	Shd	20.88		
10	21	00	—	20.43	0.45	
10	21	20	Exp	21.07		
10	23	00	—	24.71	3.64 + 0.64 =	4.28
10	23	20	Shd	24.56		mean = 4.29
10	25	00	—	23.72	0.84	

air Temp 19.0 b.

mean " 18.5 b

Hygro 33.0 ⊙B 66.3 F. ✳ B. 50.9 F. at 10 30.

Sky overcast in PM.

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Thursday May 4. 1916

Sky 1 cubs ⊙ Clear H Obr

air Temp 18.1 6

10 08 20	Shd.	16.12				
10 10 00	—	16.23	0.11			
10 10 20	Exp	17.05				
10 12 00	—	20.93	3.88 + 0.25	=	4.13	
10 12 20	Shd	20.92				
10 14 00	—	20.53	0.39			
10 14 20	Exp	21.18				
10 16 00	—	24.68	3.50 + 0.60	=	4.10	
10 16 20	Shd	24.62		mean	4.115	
10 18 00	—	23.82	0.80			

air Temp 19.4

mean air Temp 18.75

Hygro 33.0° DB 67.8 F. WB. ~~71.9~~ 69.9 F at 10.22

Clouds over Sun in PM

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Sunday may 7. 1916
sky clear ⊙ clear obs H air Temp 18.9 C.

10	23	20	Shd	17.37				
10	25	00	—	17.49	0.12			
10	25	20	Exh	18.29				
10	27	00	—	22.09	3.80	+ 0.23	=	4.03
10	27	20	Shd	22.10				
10	29	00	—	21.76	0.34			
10	29	20	Exh	22.42				
10	31	00	—					
			Shd					
			—					

10	33	20	Shd	26.90
10	35	00	—	25.29
10	35	20	Exh	
			—	
			Shd	
			—	
			Exh	
			—	
			Shd	
			—	

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Sunday May 7 1916

Sky 2 Lay ⊙ Cloud obsr H. air Temp 20.96

10	38	20	Shd	26.66	
10	40	00	—	28.12	1.04
10	40	20	Exh	28.72	
10	42	00	—	29.98	1.26
10	42	20	Shd	29.95	
10	44	00	—	28.84	
			Exh		
			—		
			Shd		
			—		

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Monday May 8. 1916

Sky 1 Cu ⊙ clear Obs H. air Temp 19.9 b.

10	25	20	Shd	17.~~50~~	
10	27	00	—	17.69	0.~~19~~
10	27	20	Exp	18.42	
10	29	00	—	22.21	3.79 + ~~0.30~~ 0.58 = 4.~~37~~ 14
10	29	20	Shd	22.29	
10	31	00	—	21.78	0.51
10	31	20	Exp	22.49	
10	33	00	—	25.91	3.42 + 0.63 = 4.05
10	33	20	Shd	25.71	mean = 4.095
10	35	00	—	24.97	0.74 air Temp 22.8 b
					mean " " 21.35

Hygro = 35.0″ N. B 51.7 F. D B 70.0 F. at 10 44

light clouds over

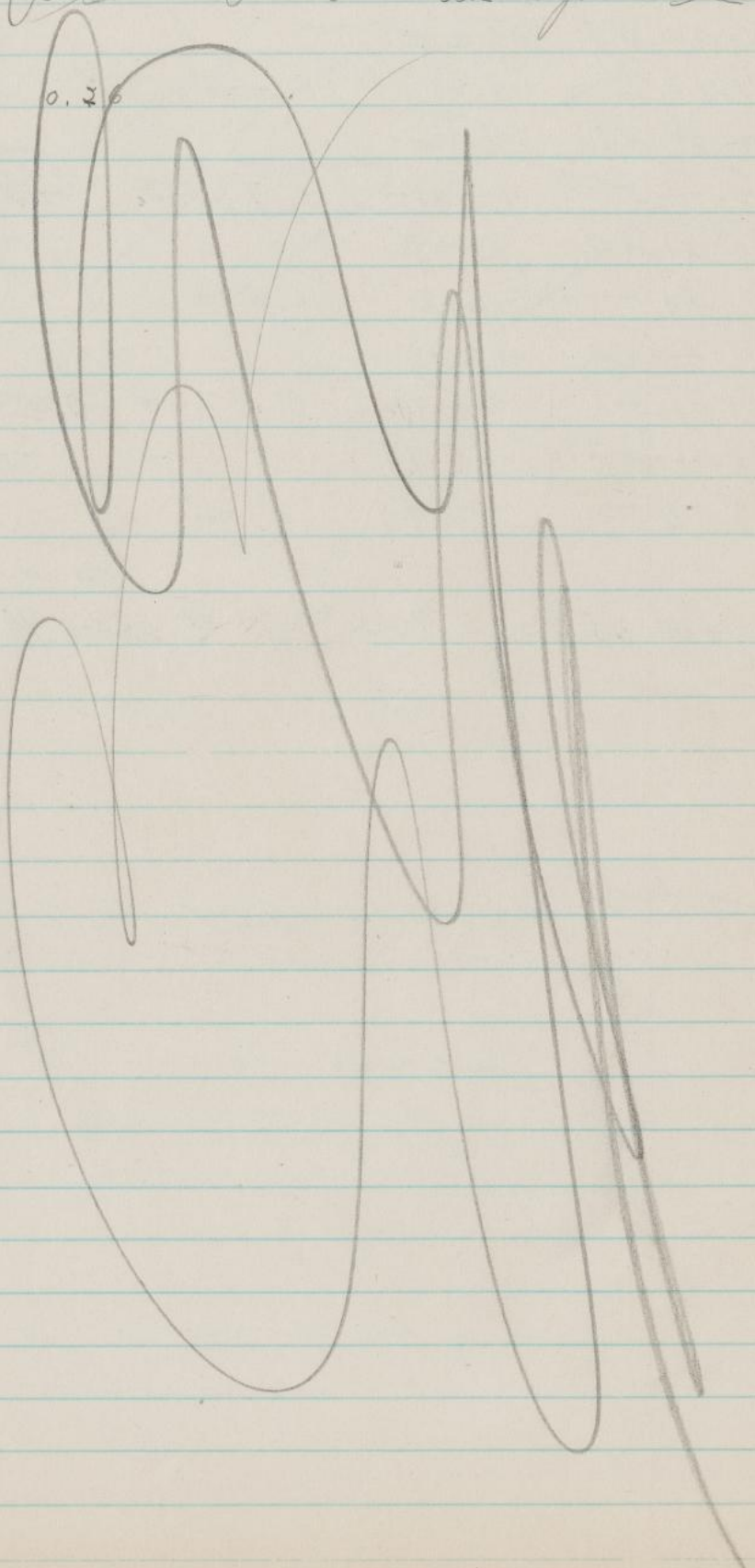
Sun in

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Tuesday May 9 1916

Shey / Ju ⊙ Char Obs B Air Temp 21.0 C

10	15	20	Shd	17.69	
10	17	00	—	17.95	0.26
10	17	20	Exp	18.64	
10	19	00	—	22 42	
10	19	20	Shd		
			—		
			Exp		
			Shd		
			—		



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Tuesday May 9 1916

Sky Clear Obs B air Temp. 23.1 C

10	26	20	Shd	21.91			
10	28	0	—	21.98	0.07		
10	28	20	Exp.	23.71			
10	30	00	—	26.55	3.84	0.28 =	4.12
10	30	20	Shd	26.61			
10	32	0	—	26.13	0.48		
10	32	20	Exp.	26.58			
10	34	0	Shd	29.78	3.20	0.64 =	3.84
10	34	20	Shd	29.61		Mean	3.98
10	36	0	—	28.81	0.80	air Temp.	24.9 C
						Mean	24.0 C

Hygro 35.0 W.B. 51.0 + D.B. 69.97 at 10 43

Cloudy in SW

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Wednesday May 10 1916

Sky 0 ⊙ Clear Obs B air Temp. 21.3 C

9	40	20	Hyd	20.40			
9	42	0	—	20.45	0.05		
9	42	20	Exp.	21.21			
9	44	0	—	24.95	3.74	0.29	4.03
9	44	20	Hyd	24.93			
9	46	0	—	24.40	0.53		
9	46	20	Exp.	25.21			
9	48	0	—	28.41	3.20	0.73	3.93
9	48	20	Hyd	28.35		Mean	3.98
9	50	0	—	27.42	0.93	air Temp.	24.0 C
						Mean	22.65 C

Hyd 37.0 W.B. 52.87 D.B. 67.7 F at 9.53

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Wednesday May 10 1916

Hyd ⊙ Selected Obs B air Temp. 21.6 C

4	00	20	Hyd	19.42			
4	02	00		19.60	0.08		
4	02	20	Hy	20.15			
4	04	00		23.05	2.90	0.26	3.16
4	04	20	Hy	23.01			
4	06	0		22.56	0.43		
4	06	20	Hy	23.01			
4	08	0		25.04	2.03	0.62	2.65
4	08	20	Hy	25.23			
4	10	0		24.44	.79		

Wednesday May 10 1916

Hyd ⊙ Selected Obs B air Temp. 21.0 C

4	20	20		23.02			
4	22	0		22.55	0.47		
4	22	20		23.05			
4	24	0		25.11	2.06	0.66	2.72
4	24	20		24.97			
4	26	0		24.12	0.85		
4	26	20		24.50			
4	28	0		26.30	1.80	0.96	2.76
4	28	20		26.09		Mean	2.74
4	30	0		25.03	1.06		

air Temp 18.7

Mean 19.85

Hyd 40.0 WB 51.8 DB 62.7 at 4 33

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Thursday may 11. 1916

Sky ○ ○ Clear ✠ Obr. air Temp 19.16

10 08 20	Shd	16.96			
10 10 00	—	17.09	0.13		
10 10 20	Exh	17.93			
10 12 00	—	21.85	3.92 + 0.28 =		4.20
10 12 20	Shd	21.84			
10 14 00	—	21.42	0.42		
10 14 20	Exh	22.07			
10 16 00	—	25.54	3.47 + 0.62 =		4.09
10 16 20	Shd	25.43		mean =	4.145
10 18 00	—	24.60	0.83	air Temp =	22.4 b
				mean " " =	20.8 b

Hygro = 29.0°. ✠B. 46.7 F. ⊙B 67.8 F at 10 22

Sky 1/10 ○ ○ Clear ✠ Obr

4 17 20	Shd	19.24		air Temp	23.9 b
4 19 00	—	19.30	0.06		
4 19 20	Exh	19.89			
4 21 00	—	22.61	2.72 + 0.26 =		2.98
4 21 20	Shd	22.62			
4 23 00	—	22.17	0.45		
4 23 20	Exh	22.70			
4 25 00	—	24.71	2.01 + 0.61		2.62
4 25 20	Shd	24.68			
4 27 00	—	23.91	0.77		

Sun too low could not adjust inst.

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Friday May 12 1916

Stay of ⊙ Clear Obs ~~R~~ B air Temp 17.5C

9	40	20	Sh	16.34				
	42	00	—	16.55	0.21			
	42	20	Cy	17.21				
	44	00	—	21.15	3.84	0.26	=	4.10
	44	20	Sh	21.10				
	46	00	—	20.78	0.52			
	46	20	Cy	21.50				
	48	00	—	24.89	3.39	0.52	=	3.91
	48	20	Sh	24.80			Mean	4.005
	50	00	—	23.97	0.83			

air Temp 18.6C

Mean 18.05

Hygrom 36.0° W₁B 51.07 W₂B 66.3F at 10 52

P. M. Cloudy

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Saturday May 13 1916

A M Cloudy

P M Cloudy

Sunday may 14. 1916

am cloudy

pm cloudy.

Monday May 15 1916

A M Cloudy

P M Cloudy

Tuesday may 16. 1916

am cloudy.

pm cloudy

Wednesday May 17. 1916

am cloudy

pm cloudy.

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Thursday may 18. 1916.

am cloudy.
pm cloudy.

Friday may 19. 1916.

am cloudy
pm cloudy.

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a m Saturday May 20 1916

Sky 0 ⊙ clear Obs B air Temp 18.0 C

9	48	20	Sh	14.46			
9	50	00	—	14.58	0.12		
9	50	20	Ex	15.43			
9	52	00	—	19.35	3.92	0.24 =	4.16
9	52	20	Sh	19.32			
9	54	00	—	18.95	0.37		
9	54	20	Ex	19.60			
9	56	00	—	23.02	3.42	0.61 =	4.03
9	56	20	Sh	22.95		Mean	4.095
9	58	00	—	22.10	0.85	air Temp. —	22.0 C
						Mean —	20.5 C

Hygro 38.0° W.B. 53.2 D.B. 65.0 at 10.00

P M

Sky 0 ⊙ clear Obs B air Temp 16.9

3	25	20	Sh	16.81			
3	27	00	—	16.90	0.09		
3	27	20	Ex	17.61			
3	29	00	—	20.85	3.24	.27 =	3.51
3	29	20	Sh	20.80			
3	31	0	—	20.35	0.45		
3	31	20	Ex	20.90			
3	33	00	—	23.70	2.80	0.66 =	3.46
3	33	20	Sh	23.51		Mean	3.485
3	35	00	—	22.65	0.86	air Temp	15.5
						Mean	16.2

Hygro 37.0° W.B. 52.9 D.B. 64.0 at 3.37

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Sunday may 21. 1916

am cloudy.

pm cloudy.

Monday May 22 1916

A M Cloudy

P M Cloudy

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Tuesday may 23. 1916

Sky clear ⊙ clear H Obr. air Temp 17.0 b

10	15 20	Shd	14.46		
10	17 00	—	14.54	0.08	
10	17 20	Exp	15.30		
10	19 00	—	19.41	4.11 + 0.30 =	4.41
10	19 20	Shd	19.40		
10	21 00	—	18.87	0.53	
10	21 20	Exp	19.58		
10	23 00	—	23.23	3.65 + 0.69 =	4.34
10	23 20	Shd	23.16	mean	4.375
10	25 00	—	22.32	0.84	

air Temp 19.8 b

mean " " 18.4 b

Hygro = 23.0°. DB 67.3 F. WB 44.8 F at 10.30.

Sky 1 cirS ⊙ clear H Obr air Temp 18.0 b

3	14 20	Shd	16.48		
3	16 00	—	16.55	0.07	
3	16 20	Exp	17.31		
3	18 00	—	21.09	3.78 + 0.32 =	4.10
3	18 20	Shd	21.08		
3	20 00	—	20.51	0.57	
3	20 20	Exp	21.12		
3	22 00	—	24.38	3.26 + 0.80 =	4.06
3	22 20	Shd	24.28	mean	4.08
3	24 00	—	23.25	1.03	

air Temp 18.4 b

mean " " 18.2 b

Hygro = 21.0° DB 64.5 F. WB 45.4 F at 3.28

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Wednesday May 24 1916

A M Cloudy

P M Cloudy

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Thursday May 25. 1916

Sky 0 ⊙ clear. Obr H. air Temp 17.1 C

10	10	20	Shd	14.84	
10	12	00	—	14.93	0.09
10	12	20	Exh	15.79	
10	14	00	—	19.89	4.10 + 0.28 = 4.38
10	14	20	Shd	19.88	
10	16	00	—	19.41	0.47
10	16	20	Exh	19.99	
10	18	00	~~Shd~~	23.69	3.70 + 0.69 = 4.39
10	18	20	Shd	23.72	mean 4.385
10	20	00	—	22.81	0.91 air Temp 19.5 C
					mean " " 18.3 C.

Hygroo = 20.0° D B 66.7 F. W. B 43.9 F. at 10 26.

~~Sky 0 ⊙ clear Obr H. air Temp 17.0 C~~

3	22	20	Shd	~~16.47~~	
3	24	00	—	16.49	0.02
3	24	20	Exh	17.23	
3	26	00	—	20.35	3.12 + 0.28 = 3.40
3	26	20	Shd	~~20.73~~	
3	28	00	—	20.19	0.54
3	28	20	Exh	20.61	
3	30	00	—	~~23.69~~	3.08 + 0.72 = 3.80
3	30	20	Shd	23.59	
3	32	00	—	22.68	0.91

deucardaut

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Thursday may 25. 1916

Sky 0 ☉ clear ✕ obs

air Temp 17.2

3 36 20	Shd	21.16		
3 38 00	—	20.64	0.52	
3 38 20	Exp	21.29		
3 40 00	—	24.29	3.00 + 0.70	= 3.70
3 40 20	Shd	24.16		
3 42 00	—	23.28	0.88	
3 42 20	Exp	23.85		
3 44 00	—	26.39	2.54 + 1.04	= 3.58
3 44 20	Shd	26.18		mean 3.64
3 46 00	—	24.98	1.20	air Temp 16.9 lo
				mean " " 17.0 lo.

Hygro° 23.0 ☉ 13 62.0 F. W.B. 43.8 F at 3 52

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A M — Friday May 26 1916

Sky o Solar Obs B air Temp. 17.5 C

10 05 20 Sh 14.40

10 07 00 — 14.55 0.15

10 07 20 Ex 15.45

10 09 00 — 19.32 3.87 + 0.30 = 4.17

10 09 20 Sh 19.24

10 11 00 — 18.79 0.45

10 11 20 Ex 19.50

10 13 00 — 23.00 3.50 + 0.68 = 4.18

10 13 20 Sh 22.82 Mean 4.175 air Temp 19.2 C

10 15 00 — 21.90 0.92 Mean 18.35

Hyd 27.0° D.B. 61.9 F W B 44.1 F at 10.17

P M

Sky o Solar Obs B air Temp 21.0 C

3 51 20 Sh 16.60

3 53 00 — 16.77 0.17

3 53 20 Ex 17.19

3 55 00 — 19.80 2.61 + .26 = 2.87

3 55 20 Sh 19.76

3 57 00 — 19.39 3.7

3 57 20 Ex 19.97

3 59 00 — 22.38 2.41 + .50 = 2.91

3 59 20 Sh 22.24 Mean 2.89

4 01 00 — 21.61 63 air Temp. 14.5

Mean 17.75

Hyd 21.0° D.B. 60.7 W B 48.7 F at 4 03

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Saturday May 27 1916

a.m. Thin Clouds overhead at 10 00

3	13	20	Sk	16.50		
3	15	00	—	16.57		
3	15	20	Ex	17.12		
3	17	00				
3	17	20				
3	19	00				
3	19	20				
3	21	00				
3	21	20				
3	23					

Sky O Clear O B S B air Temp. 17.0 C

3	52	20	Sk	16.50			
3	55	00	—	16.57	0.01		
3	55	20	Ex	17.12			
3	57	00	—	20.13	3.01	+ 0.28 =	3.29
3	57	20	Sk	20.09			
3	59	00	—	19.50	0.59		
3	59	20	Ex	20.05			
4	01	00	—	22.51	2.46	+ 0.74 =	3.20
4	01	20	Sk	22.35		Mean 3.245	air Temp. 13.08
4	03	00	—	21.40	0.95		Mean 15.04

Hyd 47° D.B. 58.47 W.B. 49.87 at 4.08

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Sunday May 28. 1916.

Sky clear ⊙ clear ✻ Obr air Temp 17.36

10	24	20	Shd	14.46	
10	26	00	—	14.60	0.14
10	26	20	Exp	15.43	
10	28	00	—	19.44	4.01 + 0.29 = 4.30
10	28	20	Shd	19.49	
10	30	00	—	19.05	0.44
10	30	20	Exp	19.73	
10	32	00	—	23.33	3.60 + 64 = 4.24
10	32	20	Shd	23.31	mean 4.27
10	34	00	—	22.47	0.84

air Temp 21.6 b

mean " " 19.4 b

Hygro = 23.0° DB 65.9 F. WB 45.2 F. at 1039

Sky clear ⊙ clear ✻ Obr air Temp 17.2 b

3	08	20	Shd	16.39	
3	10	00	—	16.43	0.04
3	10	20	Exp	17.11	
3	12	00	—	20.58	3.47 + 0.27 = 3.74
3	12	20	Shd	20.56	
3	14	00	—	20.06	0.50
3	14	20	Exp	20.63	
3	16	00	—	23.59	2.96 + 0.72 = 3.68
3	16	20	Shd	23.49	mean = 3.71
3	18	00	—	22.56	0.93

air Temp 17.1 b

mean " " 17.15 b

Hygro = 35.0° DB 60.0 F. WB. 46.5 F. at 3.23

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Monday May 29 1916

Sky 1 cus ⊙ Clear Obs B air Temp 17.5 C

10	21	20	Sh	14.70	
10	23	00	—	14.79	0.09
10	23	20	Ex	15.61	
10	25	00	—	19.57	3.90 + 0.28 = 4.18
10	25	20	Sh	19.50	
10	27	00	—	19.02	0.48
10	27	20	Ex	19.61	
10	29	00	Ex	23.09	3.48 + 0.69 = 4.17
10	29	20	Sh	22.99	Mean 4.175
10	31	00	—	22.07	0.90

air Temp. 22.0 C
Mean 19.75

Hygrograph 32.0° D.B. 66.07 W.B. 48.77 at 10.38

Sky 1 cus ⊙ Clear Obs. B air Temp 18.0 C

3	26	20	Sh	16.62	
3	28	00	—	16.71	0.09
3	28	20	Ex	17.45	
3	30	00	—	20.85	3.40 + 0.29 = 3.69
3	30	20	Sh	20.79	
3	32	00	—	20.30	0.49
3	32	20	Ex	20.90	
3	34	00	—	23.76	2.86 + 0.72 3.58
3	34	20	Sh	23.71	Mean 3.635
3	36	00	—	22.67	1.04

air Temp. 16.0 C
Mean 17.0

Hygro. 32.0° D B 64.57 W B. 48.07 at 3.43

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May
Tuesday 30 1916

am cloudy.
pm cloudy.

may 31. 1916

am cloudy.
pm cloudy

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June 1. 1916. Thursday

am Cloudy.

pm "

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1/1

Friday June 2 1916

Sky Clear Obs B air Temp. 16.0 C

9	33	20	th	15.46		
9	35	00	—	15.64	0.18	
9	35	20	Ey	16.45		
9	37	00	—	20.31	3.86	+ 0.25 = 4.11
9	37	20	th	20.30		
9	39	00	—	19.98	0.32	
9	39	20	Ey	20.63		
9	41	00	—	24.03	3.40	+0.63 = 4.03
9	41	20	th	23.95		Mean 4.07
9	43	00	—	23.01	0.94	

air Temp 21.1 C

Mean 18.55

Hygro. 37.5° W.B. 49.7 F D.B. 64.7 F at 9.45

P M Cloudy

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Saturday June 3 1916
AM Cloudy
PM Cloudy.

Sunday June 4. 1916
am cloudy.
pm cloudy.

Monday June 5 1916
AM Cloudy.
PM Cloudy.

Tuesday June 6. 1916
am Cloudy
Pm cloudy.

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Wednesday June 7, 1916

Sky 2 cirlis ⊙ clear Hobr air Temp 18.7 b

10 32 20	Shd	14.93			
10 34 00	—	15.03	0.10		
10 34 20	Exp	15.81			
10 36 00	—	19.63	3.82 + 0.30 =		4.12
10 36 20	Shd	19.64			
10 38 00	—	19.13	0.51		
10 38 20	Exp	19.88			
10 40 00	—	23.29	3.41 + 0.64 =		4.05
10 40 20	Shd	23.20		mean	4.085
10 42 00	—	22.43	0.77	air Temp	21.9 b
				mean " "	20.3 b

Hygro = 39.0° W B = 48.9 F. DB = 66.7 F. at 10.47

PM hazy around Sun

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Thursday June 8. 1916

am Cloudy around Sun.

pm Light clouds over region of Sun.

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Friday June 9 1916

Sky

a m Thin Clouds over Sun

P M Thin Clouds over Sun .

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Saturday June 10 1916

Sky 2S & P ⊙ clear Obs B air Temp. 16.1 C

9	59	20	Th	13.94	
10	01	00	—	14.04	0.10
10	01	20	Ey	14.87	
10	03	00	—	18.78	3.91 + 0.28 = 4.19
10	03	20	Th	18.73	
10	05	00	—	18.27	0.46
10	05	20	Ey	18.92	
10	07	00	—	22.36	3.44 + 0.65 = 4.09
10	07	20	Th	22.25	Mean 4.14
10	09	00	—	21.41	0.84

air Temp. 20.0 C

Mean 18.05

Hydro 33.0° WB 49.47 DB 64.17 at 10.10

Sky 0 ⊙ clear Obs B air Temp. 16.7C

3	20	20	Th	16.41	
3	22	00	—	16.50	0.09
3	22	20	Ey	17.21	
3	24	00	Ey	20.61	3.40 + 0.32 = 3.72
3	24	20	Th	20.58	
3	26	00	—	20.03	0.55
3	26	20	Ey	20.66	
3	28	00	—	22.51	2.85 + 0.82 = 3.67
3	28	20	Th	23.39	Mean 3.695
3	30	00	—	22.31	1.08

air Temp 14.0 C

Mean 15.35

Hydro 39.5° WB 52.57 DB 62.87 at 3.33

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Sunday June 11. 1916

sky 0 ⊙ clear H Obs air Temp 17.2 b

9 23 20	Shd	17.90		
~~9 17 20~~		~~17.07~~		
9 25 00				
~~9 19 00~~	–	17.68	0.22	
9 25 20	Exp	18.42		
9 27 00	–	21.63	3.21 + 0.44 =	3.65 –
9 27 20	Shd	21.65 –		
9 29 00	–	20.98	0.67	
9 29 20	Exp	21.70		
9 31 00	–	24.96	3.26 + 0.80 =	4.06
9 31 20	Shd	24.78	mean	3.855
9 33 00	–	23.85 –	.93 air Temp	20.8 b
			mean " "	19.0 b

Hygro = 27.0 WB = 50.2 F. DB = 68.7 F at 936

sky 0 ⊙ clear H Obs air Temp 17.4 b

3 26 20	Shd	16.59		
3 28 00	–	16.62	0.03	
3 28 20	Exp	17.32		
3 30 00	–	20.69	3.37 + 0.27 =	3.64
3 30 20	Shd	20.70		
3 32 00	–	20.18	0.52	
3 32 20	Exp	20.78		
3 34 00	–	23.61	2.83 + 0.72 =	3.55 –
3 34 20	Shd	23.48	mean	3.595 –
3 36 00	–	22.55	0.93	
			air Temp	16.9 b
			mean " "	17.15 –

Hygro = 38.0° DB = 63.1 F. WB = 50.9 F at 342

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Monday June 12 1916

Sky of Solar Obs B air Temp 17.1 c

10	12	20	Sh	14.49	
10	14	00	Sh	14.55	0.06
10	14	20	Ex	15.37	
10	16	00	—	19.20	3.83 + 0.26 = 4.09
10	16	20	Sh	19.15	
10	18	00	—	18.70	0.45
10	18	20	Ex	19.37 ~~22.71~~	
10	20	00	—	22.71	3.34 + 0.66 = 4.00
10	20	20	Sh	22.57	Mean 4.045
10	22	00	—	21.71	0.86

air Temp - 20.3 c

Mean 18.7 c

Hygrograph 30.0° WB 50.1 + DB 65.1 at 10.25

Sky clear ⊙ clear air Temp 17.0 6

3	19	20	Shd	16.72	H Obs.
3	21	00	—	16.78	0.06
3	21	20	Exh	17.48	
3	23	00	—	20.73	3.25 + 0.28 = 3.53
3	23	20	Shd	20.69	
3	25	00	—	20.20	0.49
3	25	20	Exh	20.74	
3	27	00	—	23.54	2.80 + 0.70 = 3.50
3	27	20	Shd	23.42	mean 3.515
3	29	00	—	22.50	0.92 air Temp 16.56

mean " " 16.75 6

Hygro = 38.0° DB = 61.6 F. WB = 46.8 F at 3.34

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Tuesday June 13 1916

Sky ~~Cis 2~~ ⊙ Clear Obz B air Temp 16.7 C

~~+09~~	54	20	th	14.50	
~~+09~~	56	00	—	14.60	0.10
~~+09~~	56	20	Cx	15.39	
~~+09~~	58	00	—	18.25	3.86 + 0.26 = 4.12
~~+09~~	58	20	th	19.20	
10	00	00	—	18.77	0.43
10	00	20	Cx	19.46	
10	02	00	—	23.81	3.35 + 0.68 = 4.03
10	02	20	th	22.73	Mean 4.075
10	04	00	—	21.79	0.94

air Temp 21.3 C
Mean 19.0

Hygro 34.5° W B 51.2 ⊙ B 64.0 at 10.05

Sky Clear ⊙ Clear Obz B air Temp 16.1 C

2	56	20	th	16.49	
3	58	00	—	16.57	0.02
3	58	20	Cy	17.12	
4	00	00	—	19.94	2.82 + 0.27 = 3.09
4	00	20	th	19.90	
4	02	00	—	19.38	0.52
4	02	20	Cy	19.90	
4	04	00	—	22.21	2.31 + 0.71 = 3.02
4	04	20	th	22.08	Mean 3.055
4	06	00	—	21.18	0.90

air Temp 13.6 C
Mean 14.55

Hygro 42.5° W B 51.0 ⊙ B 57.3 at 4.10

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Wednesday June 14 1916

Sky 0 ⊙ Clear Obs TB air Temp. 16.6 C

9	53	20	Th	14.06	
9	55	00	—	14.14	0.08
9	55	20	Ex	14.96	
9	57	00	Ex	18.76	3.80 + 0.28 = 4.08
9	57	20	Th	18.73	
9	59	00	—	18.24	0.47
9	59	20	Ex	18.97	
10	01	00	—	22.29	3.32 + 0.70 = 4.02
10	01	20	Th	22.15	Mean 4.05
10	03	00	—	21.24	0.91

air Temp. 21.8 C
Mean 19.2

Hygro 33.0° W.B. 51.57 D.B 64.07 at 10.05

Sky 0 ⊙ Clear Obs TB Temp air 19.1 C

3	17	20	Th	16.55	
3	19	00	—	16.61	0.06
3	19	20	Ex	17.39	
3	21	00	—	20.75	2.36 + 0.29 = 2.65
3	21	20	Th	20.80	
3	23	00	—	20.28	0.52
3	23	20	Ex		
3	25	00	—		
3	25	20	Th		
3	27	00	—		

air Temp. C
Mean

Hygro ° D.B 7 W.B 7 at

Mt Rag

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Wednesday June 14 1916

Sky ○ ☾ Clear OBz B air Temp. 17.0 C

83	27	20	Th	22.50	
83	29	00	—	21.80	0.70
83	~~27~~ 29	20	Ex	22.39	
3	31	00	—	25.13	2.74 + 0.88 = 3.62
3	31	20	Th	24.98	
3	32	00	—	23.91	1.07
3	33	20	Ex	24.44	
3	35	00	—	26.75	2.31 + 1.24 = 3.55
3	35	20	Th	26.60	Mean 3.585
3	37	00	—	25.20	1.40

air Temp. 16.9 C

Mean 16.95

Hygro 40.0° WB 49.9 ° DB 61.0 ° at 242

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Thursday June 15. 1916

Sky ⊙ ⊙ Clear H Obs air Temp 16.56

9 18 20	Shd	14.33				
9 20 00	–	14.46	0.11			
9 20 20	Exh	15.16				
9 22 00	–	18.95	3.79 + 0.26	=		4.06
9 22 20	Shd	18.97				
9 24 00	–	18.56	0.41			
9 24 20	Exh	19.18				
9 26 00	–	22.56	3.38 + 0.62	=		4.00
9 26 20	Shd	22.47		mean		4.025
9 28 00	–	21.64	0.83	air Temp		20.46
				mean " "		18.456

Hygro = 26.0° DB – 6.8 F. WB = 43.9 F. at 9.37

~~Sky~~

Light clouds over Sun in Pm

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Friday June 16 1916

Cloudy 10 Cirrus
PM Cloudy.

Saturday June 17 1916

AM Cloudy
PM Cloudy

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Sunday June 18. 1916

Sky v clear ☉ Clear 26 Obr. air Temp. 16.4 C.

9 05 20	Shd	13.98			
9 07 00	—	14.09	0.11		
9 07 20	Exh	14.90			
9 09 00	—	18.88	3.98 + 0.30	=	4.28
9 09 20	Shd	18.81			
9 11 00	—	18.32	0.49		
9 11 20	Exh	18.90			
9 13 00	—	22.42	3.47 + 0.68	=	4.15
9 13 20	Shd	22.29		mean	4.210
9 15 00	—	21.42	0.87	air Temp =	20.0 C.
				mean " " =	18.2 C.

Hygro = 22.0°. DB = 64.0 F. WB = 46.8 F. at 9 21.

PM Cloudy

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Monday June 19 1916

Sky 0 ⊙ Clear Obs B air Temp 15.0 C

9 01 20 Sh 13.24
9 03 00 — 13.30 0.06
9 03 20 Ex 14.09
9 05 00 — 17.90 3.81 + 0.28 = 4.09
9 05 20 Sh 17.85
9 07 00 — 17.35 0.50
9 07 20 Ex 18.03
9 09 00 — 21.38 3.35 + 0.80 = 4.05
9 09 20 Sh 21.19 Mean 4.07 air Temp 14.0 c
9 11 00 — 20.29 0.90 Mean 14.5

Hygro 20.0° W.B. 49.7 D.B 61.4 F at 9.14

Sky 0 ⊙ Clear H Obs. air Temp 18.26

2 44 20 Sh 16.05
2 46 00 — 16.18 0.13
2 46 20 Ex 16.89
2 48 00 — 20.70 3.81 + 0.32 = 4.13
2 48 20 Sh 20.68
2 50 00 — 20.16 0.52
2 50 20 Ex 20.80
2 52 00 — 24.10 3.30 + 0.72 = 4.02
2 52 20 Sh 23.98 mean = 4.075
2 54 00 — 23.06 0.92

air Temp 19.0 b
mean " " 18.6 b.

Hygro = — 15.0° D.B = 64.9 F. W.B = 49.1 F at 3.00 PM

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Tuesday June 20. 1916

Sky 0 ☉ Clear 26 Obs air Temp 16.7 C.

9 06 20	Shd	13.57		
9 08 00	—	13.64	0.07	
9 08 20	Exp	14.47		
9 10 00	—	18.20	3.73 + 0.27 =	4.00
9 10 20	Shd	18.18		
9 12 00	—	17.71	0.47	
9 12 20	Exp	18.38		
9 14 00	—	21.79	3.41 + 0.67 =	4.08
9 14 20	Shd	21.72	mean	4.07
9 16 00	—	20.85	0.87 air Temp =	19.4 C
			mean " " =	18.05 C

Heygro = 02.0° DB = 58.3 F. WB = 39.8 F at 922

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Wednesday June 21. 1916

am cloudy

pm cloudy.

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Thursday June 22. 1916

Sky 0 ⊙ clear H Obs air Temp 15.36

9 19 20	Shd	14.03			
9 21 00	—	14.10	0.07		
9 21 20	Exp	14.89			
9 23 00	—	18.61	3,72 + 0.27	=	3.99
9 23 20	Shd	18.60			
9 25 00	—	18.13	0.47		
9 25 20	Exp	18.80			
9 27 00	—	22.00	3,20 + 0.66	=	3,86
9 27 20	Shd	21.88		mean =	3.926
9 29 00	—	21.03	0.85	air Temp =	20.26.
				mean " " =	17.756.

Hygro = 11.0° DB = 61.8 F. WB = 43.2 F. at 9 35

Went to see Dr Muneg in Pm.

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Friday June 23 1916

Sky fo Solclear Obs B air Temp 15.0 C

8 44 20 Sh 13.90
8 46 00 — 13.95 0.05
8 46 20 Ex 14.72
8 48 00 — 18.21 3.49 + 0.26 = 3.75
8 48 20 Sh 18.19
8 50 00 — 17.73 0.46
8 50 20 Ex 18.35
8 52 00 — 21.39 3.04 + 0.66 = 3.70
8 52 20 Sh 21.24 Mean 3.725 air Temp 14.4 C
8 54 00 — 20.39 0.85 air Mean 14.7

Hygro 20.5° W.B. 48.17 D.B. 62.07 at 8.57

Sky 0 ⊙ Clear H Obs air Temp 16.6 b

3 34 20 Shd 16.42
3 36 00 — 16.48 0.06
3 36 20 Exp 17.13
3 38 00 — 20.39 3.26 + 0.28 = 3,54
3 38 20 Shd 20.40
3 40 00 — 19.90 0.50
3 40 20 Exp 20.46
3 42 00 — 23.22 2.76 + 0.70 3.46
3 42 20 Shd 23.10 mean 3.50
3 44 00 — 22.21 0.89 air Temp = 16.8 b
mean " " = 16.7 b

Hygro = 13.0° DB = 61.4 F. WB = 42.9 F at 3.50

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Saturday June 24 1916

Sky 0 clear Obs R air Temp 15.1 C

9	11	20	th	14.09	
9	13	00	—	14.16	0.07
9	13	20	Ex	14.95	
9	15	00	—	18.51	3.56 + 0.25 = 3.81
9	15	20	th	18.50	
9	17	00	—	18.07	0.43
9	17	20	Ex	18.71	
9	19	00	—	21.90	3.19 + 0.64 = 3.83
9	19	20	th	21.80	Mean 3.82
9	21	00	—	20.95	0.85

air Temp 15.3 C
Mean 15.2

Hygro 21.0 ° W.B. 48.87 & D.B 62.17 at 9.24

Sky Cu 2 P clear Obs R air Temp 16.9 C

3	01	20	th	16.35	
2	03	00	th	16.40	0.05
2	03	20	Ex	17.15	
2	05	00	—	20.61	3.46 + 0.28 = 3.74
2	05	20	th	20.60	
2	07	00	—	20.10	0.50
2	07	20	Ex	20.76	
3	07	00	—	23.73	2.97 + 0.70 = 3.67
3	09	20	th	23.59	Mean 3.705
3	11	00	—	22.70	0.89

air Temp 15.2 C
Mean 16.05

Hygro 12.5 ° W B 46.7 & D B 64.1 7 at 3.14

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Sunday June 25. 1916

Sky 0 ⊙ clear ✱ Obr air Temp N 15.86

8 17 20	Shd	14.23		
8 19 00	—	14.32	0.09	
8 19 20	Exp	15.02		
8 21 00	—	18.49	3.47 + 0.29 =	3.76
8 21 20	Shd	18.46		
8 23 00	—	17.97	0.49	
8 23 20	Exp	18.57		
8 25 00	—	21.50	2.93 + 0.68 =	3.61
8 25 20	Shd	21.37	mean =	3.685
8 27 00	—	20.49	0.88 air Temp =	17.06
			mean " " =	16.46

Hygro = 19.0° D13 = 61.0 F. WB = 44.9 F. at 834

Sky 0 ⊙ Clear ✱ Obr air Temp 16.96

3 39 20	Shd	16.68		
3 41 00	—	16.72	0.04	
3 41 20	Exp	17.38		
3 43 00	—	20.53	3.15 + 0.27 =	3.42
3 43 20	Shd	20.50		
3 45 00	—	20.00	0.50	
3 45 20	Exp	20.50		
3 47 00	—	23.22	2.72 + 0.70 =	3.42
3 47 20	Shd	23.09	mean	3.42
3 49 00	—	22.19	0.90 air Temp	15.96
			mean " "	16.46

Hygro = 11.0° D13 = 60.4 F. WB = 41.9 F at 3.55

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Monday June 26. 1916

am cloudy
Pm cloudy.

Tuesday June 27. 1916

am cloudy
Pm cloudy.

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Wednesday June 28 1916

Shy 2 Pleiadis ⊙ Chas Obs B air Temp. 11.9 C

9	09	20	th	12.30	
9	11	00	—	12.39	0.09
9	11	20	Ex	13.20	
9	13	00	—	16.88	3.68 + 0.50 = 4.18
9	13	20	th	16.80	
9	15	00	—	15.89	0.91
9	15	20	Ex	16.91	
9	17	00	—	20.09	3.18 + 0.94 = 4.12
9	17	20	th	19.95	Mean 4.15
9	19	00	—	18.99	0.96

air Temp. 10.2 C

Mean 11.05

Hygro 46.5° WB 38.87 DB 53.5 7 at 9.23

Mostly Cloudy

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Thursday June 29 1916
a m cloudy
p m cloudy

Friday June 30 1916
a m cloudy
~~p m~~

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Friday June 30 1916

Hyades IP ⊙ Chas OBz TB air Temp 19.1 C

2	58	20	Th	22.60	
2	60	00	—	22.78 (62)	0.02
3	00	20	Ex	23.31	
3	02	00	—	26.68	3.37 +0.39 = 3.76
3	02	20	Th	26.57	
3	04	00	—	25.81	0.76
3	04	20	Ex	26.47	
3	06	00	—	29.25	2.78 +0.90 = 3.68
3	06	20	Th	29.02	Mean 3.72
3	08	00	—	27.98	1.04

air Temp 17.0 C

Mean 18.05

Hygro 35.5° WB 45.47 DB 60.17 at 3.09

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Saturday July 1 1916

A M Light Clouds over Sun
P M Light Clouds

Sunday July 2 1916

A M Cloudy
P M Cloudy

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Monday July 3 1916

Sky ⊙ clear Obs B air Temp 13.9 C

8 39. 20 th 13.40

8 41 00 — 13.60 0.20

8 41 20 Ex 14.41

8 42 00 — 18.18 3.77 + 0.33 = 4.10

8 42 20 th 18.14

8 45 00 — 1768 0.46

8 45 20 Ex 18.36

8 47 00 — 21.80 3.24 + 0.78 = 4.02

8 47 20 th 21.39 Mean 4.06 air Temp. 11.6 C

8 49 00 — 20.40 0.99 Mean 12.75

Hygr. 29.0° W-B. 44.97 D-B. 60.07 at 854

Sky clear ⊙ clear Obs B air Temp 20.0C

2 34 20 th 22.26

2 36 00 — 22.29 0.04

2 36 20 Ex 23.06

2 38 00 — 26.68 3.62 + 0.36 = 3.98

2 38 20 th 26.58

2 40 00 — 25.90 0.68

2 40 20 Ex 26.54

2 42 00 — 29.50 2.96 + 0.97 = 3.93

2 42 20 th 29.28 Mean 3.955 air Temp. 19.4 C

2 44 00 — 28.02 1.26 Mean 19.7

Hygro 30.0° W-B 45.57 D-B 62.07 at 246

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July 4 1916

AM Cloudy

PM Cloudy

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Wednesday July 5 1916

Sky 0 Obs J Plz B air Tmp. 23.0 C

9	10	20	Th	15.81	
9	12	00	—	15.96	0.15
9	12	20	Ev	16.75	
9	14	00	+	20.50	3.75 + 0.32 = 4.07
9	14	20	Th	20.47	
9	16	00	—	19.99	0.48
9	16	20	Ev	20.61	
9	18	00	—	23.90	3.29 + 0.71 = 4.00
9	18	20	Th	23.70	Mean 4.035
9	20	00	—	22.76	.94

air Tmp. 14.9 C
Mean 18.95

Hygro 90.0° WB 44.2 7 DB 60.8 7 at 9.22

Sky 0 Obs Plz B air Tmp 21.0 C

82	48	20	Th	24.83	
82	50	00	—	24.72	0.11
82	50	20	Ev	25.41	
82	52	00	—	28.75	3.34 + 0.48 = 3.82
82	52	20	Th	28.66	
2	54	00	—	27.80	0.86
2	54	20	Ev	28.39	
2	56	00	—	31.06	2.67 + 1.12 = 3.79
2	56	20	Th	30.88	Mean 3.805
2	58	00	—	29.51	1.37

air Tmp. 16.9 C
Mean 18.95

Hygro 90.0° WB 47.2 7 DB 63.8 7 at 301

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Thursday June 6 1916

a m Light Clouds over Sun

Sky bis 2 P ⊙ Clear Obs B air Temp. 21.2 C

2 43 20 Th 24.10

2 45 00 — 24 04 0.06

2 45 20 Ex 24.74

2 47 00 — 28.10 3.36 + 0.41 = 3.77

2 47 20 Th 28.03

2 49 00 — 27.27 0.76

2 49 20 Ex 27.81

2 51 00 — 30.46 2.65 + 1.02 = 3.67

2 51 20 Th 30.25 Mean air Temp. 20.3 C

2 53 00 — 28.96 1.29 Mean 20.75

Hygro 33.2° W B 44.97 · D B 61.97 at 2.56

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Friday June 7 1916

A M Cloudy.
P M Cloudy

Saturday July 8 1916

A M Cloudy
P M Cloudy

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Sunday July 9, 1916

Sky clear / Obs Ho ⊙ clear air Temp 22.0 6

9 07 20	Shd	15.39		
9 09 00	—	15.50	0.11	
9 09 20	Exp	16.29		
9 11 00	—	19.98	3.69 + 0.28 =	3.97
9 11 20	Shd	19.97		
9 13 00	—	19.52	0.45	
9 13 20	Exp	20.11		
9 15 00	—	23.20	3.09 + 0.71	3.80
9 15 20	Shd	23.09	mean =	3.885
9 17 00	—	22.12	0.97	

air Temp = 16.46

mean " " = 19.26

Hygro = 46.0° W B = 43.9 F. D B = 58.0 F at 9 23.

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Monday July 10 1916

Sky 0 Clear Obs B air Tmp. 16.3 C

9	07	20	Th	16.29	
9	09	00	—	16.40	0.11
9	09	20	Ex	17.17	
9	11	00	—	21.01	3.84 + 0.32 = 4.16
9	11	20	Th	20.99	
9	13	00	—	20.45	0.54
9	13	20	Ex	21.10	
9	15	00	—	24.31	3.21 + 0.86 = 4.07
9	15	20	Th	24.16	Mean 4.115
9	17	00	—	22.99	1.17

air Tmp 16.7 C
Mean 16.6.

Hygro 37.0° W.B. 48.9 7 D.B. 61.4 7 at 9.20

Sky 0 Clear Obs B air Tmp. 20.0 C.

2	50	20	Th	24.44	
2	52	00	—	24.41	0.03
2	52	20	Ex	25.15	
2	54	00	—	28.60	3.45 + 0.42 = 3.87
2	54	20	Th	25.52	
2	56	00	—	27.70	0.82
2	56	20	Ex	28.25	
2	58	00	—	31.05	2.80 + 1.07 = 3.87
2	58	20	Th	30.78	Mean 3.87
3	00	00	—	29.46	1.32

air Tmp. 20.0 C
Mean 20.0

Hygro 35.0° W.B 48.5 7 D.B. 62.0 7 at 3.02

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Tuesday July 11. 1916

Sky 0 ⊙ clear ✱ obr air Temp 14.9 b.

8 58 20	Shd	13.96		
9 00 00	—	14.09	0,13	
9 00 20	Exp	14.90		
9 02 00	—	18.89	3,99 +0,31 =	4.30
9 02 20	Shd	18.85		
9 04 00	—	18.36	0.49	
9 04 20	Exp	19.00		
9 06 00	—	22.39	3.39 + 0.79 =	4.18
9 06 20	Shd	22.25	mean	4.24
9 08 00	—	21.46	1.09	

air Temp 16.9 b

mean " " 15.9 b

Hygro = 25.0° WB = 49.7 F. DB = 60.6 F at 9 14

3m Sky 0 · ⊙ clear ✱ obr air Temp 19.4 b

2 51 20	Shd	24,32		
2 53 00	—	24.26	0.06	
2 53 20	Exp	25.00		
2 55 00	—	28.51	3.51 + 0.44 =	3.95
2 55 20	Shd	28.41		
2 57 00	—	27.59	0,82	
2 57 20	Exp	28.18		
2 59 00	—	31.00	2,82 + 1.09 =	3.91
2 59 20	Shd	30.80	mean	3.93
3 01 00	—	29.43	1,37	

air Temp 18.3 b

mean " " 18.8 b

Hygro = 29.0° WB = 47.0 F DB = 61.3 F at 3 06

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Wednesday July 12 1916

Sky 0 ⊙ Clear Obs B air Temp 16.3 C

9	20	20	Th	18.30	
9	22	00	—	18.40	0.10
9	22	20	Ey	19.21	
9	24	00	—	23.06	3.85 + 0.34 = 4.19
9	24	20	Th	23.00	
9	26	00	—	22.41	0.59
9	26	20	Ey	23.09	
9	28	00	—	26.32	3.23 + 0.88 = 4.11
9	28	20	Th	26.14	Mean 4.15
9	30	00	—	24.97	1.17

air Temp 16.5 C
Mean 16.4

Hygro 240° W B 44.0 F D B 62.0 F at 941

Sky 0 ⊙ Clear Obs B air Temp 15.0 C

3	24	20	Th	22.29	
3	26	00	Th	22.30	0.01
3	26	20	Ey	22.72	
3	28	00	—	26.11	3.19 + 0.43 = 3.62
3	28	20	Th	26.04	
3	30	00	—	25.19	0.85
3	30	20	Ey	25.70	
3	32	00	—	28.29	2.59 + 1.03 = 3.62
3	32	20	Th	28.08	Mean = 3.62
3	34	00	—	26.87	1.21

air Temp 14.9 C
Mean 14.95

Hygro 32.5° W B 44.5 F D B 56.9 F at 337

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Thursday July 13. 1916

Sky 0 Clear. Abs air Temp. 16.66

9 15 20	Shd	15.48		
9 17 00	—	15.62	0.14	
9 17 20	Exn	16.3/9		
9 19 00	—	20.19	3.80 + 0.29 =	4.09
9 19 20	Shd	20.17		
9 21 00	—	19.73	0.44	
9 21 20	Exn	20.35		
9 23 00	—	23.67	3.32 + 0.68 =	4.10
9 23 20	Shd	23.57	mean	4.095
9 26 00		22.65	0.92 air Temp	17.96
			mean " "	17.256

Hygro = ±33.0 WB = 40.0 FDB = 58.2 F at 9 30

Light clouds over sun in Exn.

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Friday July 14 1916

Hya & Sextans Obs B air Tmp 16.0 C

9	04	20	Th 15.18		
9	06	00	— 15.26	0.08	
9	16	20	Ey 16.01		
9	08	00	— 19.67	3.66 + 0.25 =	3.91
9	08	20	Th 19.61		
9	10	00	— 19.19	0.42	
9	10	20	Ey 19.81		
9	12	00	— 22.75	3.14 + 0.72 =	3.86
9	12	20	Th 22.82	Mean 3.885	air Tmp - 16.7 C
9	14	00	— 21.81	1.01	Mean 16.75

Hygro 40.0° W B 45.0 ? D B 58.8 ? air 9.23

Hya & Sextans Obs B air Tmp 18.2

2	58	20	Th 24.79		
2	00	00	— 24.72	0.07	
2	00	20	Ey 25.41		
2	02	00	— 28.60	3.19 + 0.46 =	3.65
2	02	20	Th 28.51		
2	04	00	— 27.67	0.84	
2	04	20	Ey 28.27		
2	06	00	— 30.80	2.53 + 1.07 =	3.60
2	06	20	Th 30.59	Mean 3.625	
2	15	00	— 29.29	1.30	air Tmp 18.5 C

Hygro 38.5° W B 46.9 ? D B 61.8 ? at 2 12 Mean 18.7

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Saturday July 15 1916

Sky Cirro Strat P Clear Obs B air Temp 19.6 C

9	01	20	Th	16.90		
9	03	00	—	17.09	0.19	
9	03	20	Ex	17.87		
9	05	00	—	21.51	3.64 + 0.33	= 3.97
9	05	20	Th	21.47		
9	07	00	—	21.00	0.47	
9	07	20	Ex	21.58		
9	09	00	—	24.81	3.28 + 0.67	= 3.95
9	09	20	Th	24.69	Mean 3.96	air Temp 19.6 C
9	11	00	—	23.82	0.87	Mean 19.6

Hygro 35.0° WB 44.17 DB 62.77 at 9.18

Sky Cirro Strat P Clear Obs B air Temp 19.0 C

3	12	20	Th	24.57		
3	14	00	—	24.50	0.07	
3	14	20	Ex	25.15		
3	16	00	—	28.21	3.06 + 0.40	= 3.46
3	16	20	Th	28.10		
3	18	00	—	27.37	0.73	
3	18	20	Ex	27.86		
3	20	00	—	30 26	2.40 + 1.01	= 3.41
3	20	20	Th	30.06	Mean 3.435	air Temp 19.0 C
3	22	00	—	28 77	1.29	Mean 19.0

Hygro 38.0° WB 46.8 + DB 63.0 + at 3.24

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Sunday July 16. 1916

Sky 2 Cirlets ⊙ clear air Temp 17.16

9 30 20	Shd	19.09			
9 32 00	—	19.14	0.05		
9 32 20	Exn	19.90			
9 34 00	-	23.44	3.54 + 0.30 =		3.84
9 34 20	Shd	23.46			
9 36 00	—	22.90	0.56		
9 36 20	Exn	23.40			
9 38 00	—	26.42	3.02 + 0.82 =		3.84
9 38 20	Shd	26.29		mean	3.84
9 40 00	—	25.22	1.07	air Temp	16.4
				mean " "	16.75

Hygro = 39.0° WB = 43.9 F DB = Sq.4 F at 9 46

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Monday July 17 1916

Sky 0 ⊙ clear Ob 2 B air Tmp 17.8 C

9	00	20	Th 17.85		
9	02	00	— 18.00	0.15	
9	02	20	Ex 18.74		
9	04	00	— 22.12	3.38 + 0.32	= 3.70
9	04	20	Th 22.09		
9	06	00	— 21.61	0.48	
9	06	20	Ex 22.20		
9	08	00	— 25.14	2.94 + 0.73	= 3.67
9	08	20	Th 25.01	Mean 3.685	air Tmp 18.2 C
9	10	00	— 24.03	0.98	Mean 18.05

Hygro 43.0° W-B. 46.37 D-B. 61.07 at 9.13

Sky clear 1P ⊙ clear Ob 2 B air Tmp 20.0 C

1	57	20	Th 24.27		
1	59	00	— 24.23	0.04	
1	59	20	Ex 24.92		
2	01	00	— 28.29	3.37 + 0.38	= 3.75
2	01	20	Th 28.20		
2	03	00	— 29.49	0.71	
2	03	20	Ex 28.03		
2	05	00	— 30.79	2.76 + 0.99	= 3.75
2	05	20	Th 30.60	Mean 3.75	air Tmp 20.0 C
2	07	00	— 29.33	1.27	Mean 20.0

Hygro 36.5° W-B. 46.97 D-B. 62.97 at 2 09

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Tuesday July 18 1916

Sky 6/10s IR ⊙ Clear Obs B air Temp 18.9C

8	59	20	Sh	17.43	
9	01	00	—	17.58	0.15
9	01	20	Ex	18.39	
9	03	00	—	21.76	3.47 + 0.30 = 3.77
9	03	20	Sh	21.74	
9	05	00	—	21.30	0.44
9	05	20	Ex	21.91	
9	07	00	—	24.97	3.06 + 0.68 = 3.74
9	07	20	Sh	24.83	Mean 3.755
9	09	00	—	28.91	0.92

air Temp 18.3 C
Mercury 18.6

Hygro 37.0° WB 46.7 F DB 62.8 F at 9.11

Sky low 1 ⊙ clear 4 obs air Temp 21.06

2	18	20	Sh	25.51	
2	20	00	—	25.48	0.03
2	20	20	Ex	26.17	
2	22	00	—	29.53	3.36 + 0.40 = 3.76
2	22	20	Sh	29.48	
2	24	00	—	28.71	0.77
2	24	20	Ex	29.24	
2	26	00	—	31.98	2.74 + 1.01 = 3.75
2	26	20	Sh	31.83	mean 3.755
2	28	00	—	30.58	1.25 air Temp 21.06

mean " " 21.06

Hygro = 35.0° WB = 47.1 F. DB = 66.4 F at 2 34

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Wednesday July 19 1916

a m Cloudy

Sky b/bis 2∇ ⊙ clear Obs B air Tmp 19.8c

3 18 20 Sh 25.13

3 20 00 — 25.02 0.11

3 20 20 Ex 25.69

3 22 00 — 28.21 2.52 + .20 = 2.72

3 22 20 Sh 28.16

3 24 00 — 27.86 0.30

3 24 20 Ex 28.35

3 26 00 — 30.75 2.40 + =

3 26 20 Sh ~~2.40~~ Mean air Tmp c

3 28 00 — Mean

Hygro ° W B 7 D B 7 at

Sky b/bis 2∇ ⊙ clear Obs B air Tmp 19.6c

3 27 20 Sh 29.78

3 29 00 — 28.67 1.11

3 29 20 Ex 29.13

3 31 00 — 31.23 2.10 + 1.25 = 3.35

3 31 20 Sh 31.00

3 33 00 — 29.60 1.~~04~~ 40

3 33 20 Ex 30.00

3 35 00 — 31.95 1.95 + 1.43 = 3.38

3 35 20 Sh 31.64 Mean 3.365 air Tmp 19.3c

3 37 00 — 30.18 1.46 Mean 19.45

Hygro 39.0 ° W B 48.8 7 D B 64.2 7 at 3.40

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Friday July 21 1916

Sky hi 2P Obsr PbL.B air Temp. 17.0c

8 47 20 Sk 16.60

8 49 00 — 16.78 0.18

8 49 20 Ex 17.56

8 51 00 — 21.21 3.65 + 0.30 = 3.95

8 51 20 Sk 21.18

8 53 00 — 20.75 0.43

8 53 20 Ex 21.37

8 55 00 — 24.57 3.20 + 0.72 = 3.92

8 55 20 Sk 24.41 Mean 3.935 air Temp 17.5 c

8 57 00 — 23.41 100 Mean 17.25

Hypo 45.0° NB 47.87 SB 599 7 at 9 00

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Monday July 24 1916

Sky Clear to Clear Oz-B air Imp. 14.2c

8 31 20 Th 14 40

8 33 00 — 14 55 0.15

8 33 20 Ex 15 30

8 35 00 — 18.84 3.54 + 0.28 = 3.82

8 35 20 Th 18.80

8 37 00 — 18.38 0.42

8 37 20 Ex 18.99

8 39 00 — 22.03 3.04 + 0.73 = 3.77

8 39 20 Th 21.93 Mean 3.795 air Imp. 15.3 c

8 41 00 — 20.89 1.04 Mean 14.75

Hygro 42.0° WB 44.87 DB 57.97 at 8 44.

Sky Clear to Clear Oz-B air Imp. 17.1c

2 33 20 Th 18 96

2 34 00 — 18.95 0.01

2 34 20 Ex 19.70

2 36 00 — 23.19 3.49 + 0.34 = 3.83

2 36 20 Th 23.11

2 38 00 — 22.43 0.68

2 38 20 Ex 23 03

2 40 00 — 25.99 2.96 + 0.88 = 3.84

2 40 20 Th 25.76 Mean 3.835 air Imp. 16.8c

2 42 00 — 24.67 1.09 Mean 16.95

Hygro 45.0° WB 44.97 DB 58.07 at 2.46

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Tuesday July 25. 1916

Sky 0 ⊙ Clear air Temp 13.46 H. Obr.

9	10	20	Shd	13.41	
9	12	00	–	13.55	0.14
9	12	20	Exh	14.31	
9	14	00	–	17.98	3.67 + 0.30 = 3.97
9	14	20	Shd	18.06	
9	16	00	–	17.59	0.47
9	16	20	Exh	18.18	
9	18	00	–	21.41	3.23 + 0.69 = 3.92
9	18	20	Shd	21.39	mean = 3.945
9	20	00	–	20.49	0.90 air Temp = 15.06

mean " " = 14.26

Hygro = 40.0 WB = 39.9 F. DB = 54.3 F. at 9 25

Sky 0 ⊙ Clear H Obr air Temp 16.16

3	17	20	Shd	19.02	
3	19	00	–	18.98	.04
3	19	20	Exh	19.61	
3	21	00	–	22.68	3.07 + 0.35 = 3.42
3	21	20	Shd	22.61	
3	23	00	–	21.94	0.67
3	23	20	Exh	22.43	
3	25	00	–	24.99	2.56 + 0.88 = 3.44
3	25	20	Shd	24.82	mean 3.43
3	27	00	–	23.73	1.09 air Temp = 15.66

mean " " = 15.856

Hygro = 47.0 WB = 44.9 F DB = 56.0 F at 3 32

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Wed July 26 1916

Sky o So Clear PBz TB air Temp 15.8C

8 47 20 Th 15.58

8 49 00 — 15.70 0.12

8 49 20 Ex 16.51

8 51 00 — 20.07 3.56 + 0.30 = 3.86

8 51 20 Th 20.01

8 53 00 — 19.53 0.48

8 53 20 Ex 20.09

8 55 00 — 23.19 3.10 + ~~1.24~~ 1.74 = 3.84.

8 55 20 Th 23.01 Mean 3.85 air Temp 15.3C

8 57 00 — 22.01 1.00 Mean 15.55

Hygro 41% WB 45.67 DB 58.47 at

PM Working on Bruce instrument.

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Thursday July 27. 1916

Sky 0 ⊙ clear ff2* air Temp 16.1b

9 21 20	Shd	19.93			
9 23 00	–	20.00	0.07		
9 23 20	Exh	20.79			
9 25 00	–	24.60	3.81 + 0.37	=	4.18
9 25 20	Shd	24.58			
9 27 00	–	23.91	0.67		
9 27 20	Exh	24.48			
9 29 00	–	27.63	3.15 + 0.92	=	4.07
9 29 20	Shd	27.46		mean =	4.125
9 31 00	–	26.28	1.18	air Temp	17.0b
				mean " "	16.55b

Hygro = 34.0° WB = 49.4 F. DB = 60.0 F at 9 37

Sky 0 ⊙ clear air Temp 21.0b

2 31 20	Shd	24.88			
2 33 00	–	24.83	0.05		
2 33 20	Exh	25.55			
2 35 00	–	29.28	3.73 + 0.42	=	4.15
2 35 20	Shd	29.22			
2 37 00	–	28.42	0.80		
2 37 20	Exh	29.01			
2 39 00	–	31.92	2.91 + 1.06	=	3.97
2 39 20	Shd	31.70		Mean	4.06
2 41 00	–	30.38	1.32	air Temp.	20.6 C
				Mean	20.3 C

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Thursday July 27. 1916

Sky 0 ⊙ clear H. Obs air Temp 20.3 b

2	48	20	Shd	26.61	
2	50	00	—	26.15	0.46
2	50	20	Exh	26.71	
2	52	00	—	29.97	
			Shd		
			—		
			Exh		
			—		
			Shd		
			—		

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Thursday July 27. 1916

Sky 0 ⊙ Clear H. Obs air Temp 20.36

2	55	20	Shd	27.96	
2	57	00	—	27.13	0.83
2	57	20	Exp	27.69	
2	59	00	—	30.62	2.93 + 1.06 = 3.99
2	59	20	Shd	30.44	
3	01	00	—	29.14	1.30
3	01	20	Exp	29.52	
3	03	00	—	32.12	2.60 + 1.45 = 4.05
3	03	20	Shd	31.91	mean = 4.02
3	05	00	—	30.30	1.61 air Temp 20.06

mean " " 20.156

Hygro. = 29.°0 W.B = 44.6 F.DB = 65.4 F. at 3.11.

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Friday July 28 1916

Hazy & Foggy Obs B air Temp 19.3°

9	02	20	Th	17.60			
9	04	00	—	17.71	0.11		
9	04	20	Ey	18.52			
9	06	00	—	22.44	3.92 +	0.32	= 4.24
9	06	20	Th	22.40			
9	08	00	—	21.87	0.53		
9	08	20	Ey	22.59			
9	10	00	—	25.95	3.36 +	0.83	= 4.19
9	10	20	Th	25.81	Mean 4.215		air Temp 20.3°
9	12	00	—	24.68	1.13		Mean 19.8

Hygro 22.0° WB 48.8 ? DB 67.9 ? at 9.16

Hazy & Clear Obs B air Temp 19.0°

3	03	20	Th	24.65			
3	05	00	—	24.61	.04		
3	05	20	Ey	25.31			
3	07	00	—	28.69	3.38 +	0.42	= 3.80
3	07	20	Th	28.58			
3	09	00	—	27.78	0.80		
3	09	20	Ey	28.35			
3	11	00	—	31.02	2.67 +	1.08	= 3.75
3	11	20	Th	30.80	Mean 3.775		air Temp 18.4°
3	13	00	—	29.44	1.36		Mean 18.7

Hygro 31.0° WB 44.2 ? DB 61.9 ? at 3.16

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Saturday July 29 1916

Sky Clear ☉ Clear Obs B air Temp 17.2 C

9 13 20 Th 15.10

9 15 00 — 18.28 0.18

9 15 20 Ex 19.02

9 17 00 — 22.71 3.69 + 0.33 = 4.02

9 17 20 Th 22.68

9 19 00 — 22.20 0.48

9 19 20 Ex 22.87

9 21 00 — 26.06 3.19 + 0.76 = 3.95

9 21 20 Th 26.91 Mean 3.985 air Temp 18.7 C

9 23 00 — 24.87 1.04 Mean 18.95

Hygro 37.0° W B 49.67 D B 63.47 at 9.28

Sky Clear ☉ Clear ? Obs B air Temp 19.0 C

3 59 20 Th 25 00

4 01 00 — 24 91 0.09

4 01 20 Ex 25.54

4 03 00 — 28 33 2.79 + 0.42 = 3.21

4 03 20 Th 28.21

4 05 00 — 27.47 0.74

4 05 20 Ex 27.94

4 07 00 — 30.16 2.22 + 0.99 = 3.21

4 07 20 Th 29.96 Mean 3.21 air Temp 17.0 C

4 09 00 — 28.72 1.24 Mean 18.0

Hygro 40.5° W B 48.87 D B 61.07 at 4 13

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Monday July 31 1916

Sky Cirrus gP Clear Obs B air Imp. 20.9C

9 19 20 Th 21.35

9 21 00 — 21.47 0.12

9 21 20 Ex 22.23

9 23 00 — 25.78 3.55 + 0.34 = 3.89

9 23 20 Th 25.75

9 25 00 — 25.20 0.55

9 25 20 Ex 25.79

9 27 00 — 28.69 2.90 + 0.77 = 3.67

9 27 20 Th 28.53 Mean

9 29 00 — 27.54 0.99

Hygro ° W.B. 7 D.B. 7 at

Clouds over Sun on last four readings

air Imp. 17.8C Mean

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Tuesday August 1 1916

Sky Clear to Clear Obs B air Temp. 19.4 C

8 43 20 Th 21.20
8 45 00 — 21.32 0.12
8 45 20 Ey 22.07
8 47 00 — 25.42 3.35 + 0.34 = 3.69
8 47 20 Th 25.38
8 49 00 — 24.83 0.55
8 49 20 Ey 25.42
8 51 00 — 28.28 2.86 + 0.82 = 3.68
8 51 20 Th 28.09 Mean 3.685 air Temp. 18.5 C
8 53 00 — 26.99 1.10 Mean 18.95

Hygro 41.0° WB 45.8 ? DB 62.9 ? at 8.58

Sky Clear to Pt Clear Obs B air Temp. 21.1 C

2 40 20 Th 25.60
2 42 00 — 25.59 0.01
2 42 20 Ey 26.31
2 44 00 — 29.75 3.44 + 0.38 = 3.82
2 44 20 Th 29.66
2 46 00 — 28.91 0.75
2 46 20 Ey 29.49
2 48 00 — 32.25 2.76 + 1.04 = 3.80
2 46 20 Th 32.03 Mean 3.81 air Temp. 21.0 C
2 50 00 — 30.71 1.32 Mean 21.05

Hygro 33.0° WB 47.9 ? DB 66.4 ? at 3.54

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Wednesday August 2 1916.

Sky Clear ⊙ Clear Obs B air Temp 20.0 C

8 44 20 Shd 18.50

8 46 00 — 18.69 0.19

8 46 20 Exp 19.45

8 48 00 — 22.09 3.64 + 0.31 = 3.95

8 48 20 Shd 23.03

8 50 00 — 22.60 0.43

8 50 20 Exp 23.24

8 52 00 — 26.36 3.12 + 0.74 = 3.86

8 52 20 Shd 26.25 Mean 3.905 air Temp 20.2 C

8 54 00 — 25.20 1.05 Mean 20.1

Hygro 39.2° W B 52.7 F D B 67.5 F at 8 59.

sky clear ⊙ clear H Obs air Temp 22.0 C

2 52 20 Shd 27.40

2 54 00 — 27.39 0.01

2 54 20 Exp 28.02

2 56 00 — 31.36 3.34 + 0.37 = 3.71

2 56 20 Shd 31.29

2 58 00 — 30.56 0.73

2 58 20 Exp 31.09

3 00 00 — 33.75 2.66 + 1.00 = 3.66

3 00 20 Shd 33.63 mean 3.685

3 02 00 — 32.37 1.26 air T 21.9 C

mean " " 21.95 C

Hygro 34.0° W B = 47.9 F. D B = 68.4 F. at 3 07

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Thursday aug 3, 1916

Sky 0 ° 0 clear H clear Air T 19.06

9	01	20	Shd	20.10			
9	03	00	—	20.24	0.14		
9	03	20	Exh	20.40			
9	05	00	—	24.50	4.10	+ 0.32	= 4.42
9	05	20	Shd	24.49			
9	07	00	—	23.99	0.50		
9	07	20	Exh	24.57			
9	09	00	—	27.65	3.08	+ 0.76	= 3.84
9	09	20	Shd	27.55			
9	11	00	—	26.54	1.01		

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Thursday aug 3. 1916

Sky clear ⊙ clear H Obs at T. 18.36

9 14 20	Shd	25.12		
9 16 00	—	24.59	0.53	
9 16 20	Exth	25.20		
9 18 00	—	28.22	3.02 + 0.76 =	3.78
9 18 20	Shd	28.11		
9 20 00	—	27.11	1.00	
9 20 20	Exth	27.65		
9 22 00	—	30.34	2.69 + 1.12	3.81
9 22 20	Shd	30.14	mean =	3.795
9 24 00	—	28.91	1.23 at Temp	21.8 b
			mean " "	20.05 b

Hygro = 37.0 WB = 47.2 DB = 64.4 F at 9 29

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Friday August 4. 1916

Skyo ⊙ Elgar - OLB air Temp 19.0 C

9 15 20 Th 19.08
9 17 00 — 19.20 0.12
9 17 20 Ex 19.99
9 19 00 — 23.56 3.57 + 0.30 = 3.87
9 19 20 Th 23.51
9 21 00 — 23.02 0.49
9 21 20 Ex 23.67
9 23 00 — 26.73 3.06 + 0.78 = 3.84
9 23 20 Th 26.58 Mean 3.855 air Temp 19.0 C
9 25 00 — 25.52 1.06 Mean 19.0 C

Hygro 40.0° W B 46.9 ? D ? 63.0 ? at 9.35

Skyo ⊙ Elgar OLB air Temp 20.1 C

2 39 20 Th 25.13
2 41 00 — 25.10 0.03
2 41 20 Ex 25.80
2 43 00 — 29.11 3.31 + 0.40 = 3.71
2 43 20 Th 29.01
2 45 00 — 28.24 0.77
2 45 20 Ex 28.80
2 47 00 — 31.49 2.69 + 1.02 = 3.71
2 47 20 Th 31.27 Mean 3.71 air Temp 19.9 C
2 49 00 — 30.00 1.27 Mean 20.0

Hygro 35.5° W B 46.0 ? D B 63.9 ? at 2.53

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Saturday August 5 1916

Sky 0 ◎ clear Obs B air Temp. 17.0 C

9 12 20 Sk 18.01

9 14 00 — 18.18 0.17

9 14 20 Ex 18.91

9 16 00 — 22.87 3.60 + 0.36 = 3.96

9 16 20 Sk 22.48

9 18 00 — 21.94 0.54

9 18 20 Ex 22.87

9 20 00 — 25.63 3.06 + 0.85 = 3.91

9 20 20 Sk 25.49 Mean 3.935 air Temp. 16.0 C

9 22 00 — 24.33 1.16 Mean 16.5

Hygro 40.0° W B 50.2 7 D B 61.6 7 at 9.35

Sky 0 ◎ clear Obs B air Temp 21.2 C

2 26 20 Sk 25.30

2 28 00 — 26.31 0.01

2 28 20 Ex 26.04

2 30 00 — 29.49 3.45 + 0.36 = 3.81

2 30 20 Sk 29.38

2 32 00 — 28.67 0.71

2 32 20 Ex 29.26

2 34 00 — 32.06 2.80 + 1.00 = 3.80

2 34 20 Sk 31.82 Mean 3.805 air Temp. 21.2 C

2 36 00 — 30.53 1.29 Mean 21.2

Hygro 35.0° W B 47.9 7 D B 67.0 7 at 2.40

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Monday August 7 1916

Sky 0 ⊙ Clear Obs B air Tmp. 17.5 C

9	00	20	Th	17.70			
9	02	00	—	17.79	0.09		
9	02	20	Ex	18.51			
9	04	00	—	22.16	3.65	+ 0.30 = 3.95	
9	04	20	Th	22.10			
9	06	00	—	21.59	0.51		
9	06	20	Ex	22.24			
9	08	00	—	25.38	3.14	+ 0.81 = 3.95	air Tmp 17.9 C
9	08	20	Th	25.21		Mean 3.95	Mean 17.7
9	10	00	—	24.10	1.11		

Hygro 34.8° WB 44.9 ? DB 61.5 ? at 9.13

Sky 6i SP ⊙ Clear Obs B air Tmp 18.5 C

3	30	20	Th	25.91			
3	32	00	Th	25.80	0.11		
3	32	20	Ex	26.48			
3	34	00	Th	29.30	2.82	+ 0.46 = 3.28	
3	34	20	Th	29.19			
3	36	00	—	28.38	0.81		
3	36	20	Ex	28.88			
3	38	00	—	31.08	2.20	+ 1.06 = 3.26	
3	38	20	Th	30.82		Mean 3.27	air Tmp. 17.2 C
3	40	00	—	29.51	1.31		Mean 17.85

Hygro 39.5° WB 45.2 ? DB 60.0 ? at 3.43

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Sunday aug 13. 1916

Sky 2 cirri ⊙ clear H obs air Temp 16.5 C

8 55 20	Shd	18.55				
8 57 00	—	18.64	0.09			
8 57 20	Exp	19.32				
8 59 00	—	22.92	3.60	+0.31	=	3.91
8 59 20	Shd	22.93				
9 01 00	—	22.39	0.54			
9 01 20	Exp	22.96				
9 03 00	—	26.13	3.17	+ 0.77	=	3.94
9 03 20	Shd	26.01			mean =	3.925
9 05 00	—	25.00	1.01	air Temp		19.0 C
				mean "	"	17.75 C

Hygro 32.0° W B = 41.9 F. D B = 60.0 F at 9 10.

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Monday August 14 1916

Sky ○ Solar OBS B air Temp 14.9 c

8 25 20 Th 14.91

8 27 00 — 14.17 0.26

8 27 20 Ex 16.00

8 29 00 — 19.92 3.92 + 0.34 = 4.26

8 29 20 Th 19.89

8 31 00 — 19.48 0.41

8 31 20 Ex 20.16

8 32 00 — ~~20.36~~ 23.50 3.64 + =

8 33 20 Th 23.61 Mean

8 35 00 air Temp c

Mean

Hygro ○ WB 7 · DB 7 at

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Monday August 14 1916

Sky o Clear Obs B air Tmp - 16.1 C

8 36 20 Th 21.88

8 38 00 — 21.30 0.58

8 38 20 Ex 21.98

8 40 00 — 25.13 3.15 + 0.81 = 3.96

8 40 20 Th 24.99

8 42 00 — 23.95 1.04

8 42 20 Ex 24.88

8 44 00 — 27.41 2.83 + 1.14 = 3.97

8 44 20 Th 27.20 Mean 3.965 air Tmp - 16.8 C

8 46 00 — 25.96 1.24 Mean 16.45

Hygro 32.6° W B 41.9 ? D B 58.5 ? at 8.48

Sky o Clear Obs B air Tmp - 17.2 C

3 13 20 Th 24.85

3 15 00 — 24.76 0.09

3 15 20 Ex 25.43

3 17 00 — 28.75 3.32 + 0.48 = 3.80

3 17 20 Th 28.63

3 19 00 — 27.75 0.88

3 19 20 Ex 28.30

3 21 00 — 30.98 2.68 + 1.14 = 3.82

3 21 20 Th 30.73 Mean 3.81 air Tmp - 17.4 C

3 23 00 — 29.33 1.40 Mean 17.3

Hygro 33.8° W B 40.8 ? D B 60.1 ? at 3.27

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Tuesday aug 15. 1916

Sky clear ⊙ clear H obr air Temp 18.76

9 14 20	Shd	18.91		
9 16 00	—	19.02	0.11	
9 16 20	Exh	19.83		
9 18 00	—	23.92	4.09 + 0.39 =	4.48
9 18 20	Shd	23.89		
9 20 00	—	23.21	0.68	
9 20 20	Exh	23.81		
9 22 00	—	27.38	3.57 + 0.94 =	4.51
9 22 20	Shd	27.26	mean	4.495
9 24 00	—	26.07	1.19 air Temp	20.06
			mean " "	19.356

Hygro = 24.0° WB = 44.2 F. DB = 68.1 F at 9 31

Sky clear ⊙ clear H obr. air Temp 21.36

2 48 20	Shd	26.48		
2 50 00	—	26.42	0.06	
2 50 20	Exh	27.14		
2 52 00	—	30.56	3.42 + 0.43 =	3.85
2 52 20	Shd	30.54		
2 54 00	—	29.74	~~1.10~~ 0.80	
2 54 20	Exh	30.25		
2 56 00	—	33.13	2.88 + 1.06 =	3.94
2 56 20	Shd	32.91	mean	3.895
2 58 00	—	31.59	1.32 air Temp =	21.26
			mean " "	21.256

Hygro = 26.0° WB = 42.9 F. DB = 66.1 F at 3 04.

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Wednesday August 16 1916

Skyo ⊙ Clear Obs B air Temp 18.0 C

8 41 20 Th 15.22
8 43 00 — 15.39 0.17
8 43 20 Ex 16.15
8 45 00 — 19.91 3.76 + 0.32 = 4.08
8 45 20 Th 19.89
8 47 00 — 19.41 0.48
8 47 20 Ex 20.10
8 49 00 — 23.37 3.27 + 0.79 = 4.06
8 49 20 Th 23.22 Mean 4.07 air Temp 16.2 C
8 51 00 — 22.12 1.10 Mean 16.1

Hygro 29.1° WB. 40.4 7 DB 60.3 7 at 8.50

Skyo ⊙ Clear Obs B air Temp 18.2C

3 28 20 Th 24.89
3 30 00 — 24.90 0.09
3 30 20 Ex 25.60
3 32 00 — 28.79 3.19 + 0.46 = 3.65
3 32 20 Th 28.68
3 34 00 — 27.84 0.84
3 34 20 Ex 28.37
3 36 00 — 30.87 2.50 + 1.13 = 3.63
3 36 20 Th 30.61 Mean 3.64 air Temp 17.4 C
3 38 00 — 29.19 1.42 Mean 17.8 C

Hygro 38.1° WB 44.8 7 DB. 60.8 7 at 3.42

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Thursday aug 17. 1916

Sky 0 ⊙ 6 clear H Ober. air Temp 18.56

9 20 20	Shd	20.32		
9 22 00	–	20.43	0.11	
9 22 20	Exp	21.18		
9 24 00	–	24.80	3.62 + 0.34 =	3.96
9 24 20	Shd	24.89		
9 26 00	–	24.31	0.58	
9 26 20	Exp	24.91		
9 28 00	–	28.18	3.27 + 0.83 =	4.10
9 28 20	Shd	28.00	mean =	4.03
9 30 00	–	26.92	1.08 air Temp =	18.16
			mean " "	18.36

Hygro = 34.0° WB = 41.9 F. DB = 61.0 F at 9 36.

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Friday August 18 1916

Sky o ◎ Char Obs B air Temp. 19.0 C

9 18 20 Th 18.85

9 20 00 — 18.98 0.13

9 20 20 Ex 19.76

9 22 00 — 23.60 3.84 + 0.34 = 4.18

9 22 20 Th 23.56

9 24 00 — 23.00 0.56

9 24 20 Ex 23.69

9 26 00 — 26.99 3.30 + 0.83 = 4.13

9 26 20 Th 26.82 Mean 4.155 air Temp 19.0 C

9 28 00 — 25.72 1.10 Mean 19.0

Hygro 24.6° W B. 45.57 ◎ B 63.97 at 9.32.

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Saturday August 19 1916

Sky bi 2D ⊙ Clear Alt B air Temp 19.2 C

9	12	20	th	20.50		
9	14	00	—	20.62	0.12	
9	14	20	Ex	21.41		
9	16	00	—	25.00	3.59	+ 0.30 = 3.89
9	16	20	th	24.98		
9	18	00	—	24.49	0.49	
9	18	20	Ex	25.11		
9	20	00	—	28.19	3.08	+ 0.74 = 3.82
9	20	20	th	28.00	~~3.70~~ 0.99	Mean 3.855
9	22	00	—	27.01		

air Temp 20.3 C

Mean 19.8

Hygro 38.5° W B 47.9 ℉ D B 62.9 ℉ at 9.26

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Wednesday August 23 1916

Sky 0 Clear OBzB air Imf. 17.7 c

8 47 20 Th 17.35

8 49 00 — 17.50 .0.15

8 49 20 Ex 18.25

8 51 00 — 21.79 3.54 + 0.28 = 3.82

8 51 20 Th 21.71

8 53 00 — 21.30 0.41

8 53 20 Ex 21.90

8 55 00 — 24.99 3.09 + 0.69 = 3.78

8 55 20 Th 24.84 Mean 3.80 air Imf. 19.1 c

8 57 00 — 23.87 0.97 Mean 18.5

Hygro 48.1° WB 48.8 7 DB 62.8 7 at 902

Sky Cirrus 9T 0 Clear OBzB air Imf 20.1 c

3 17 20 Th 25.61

3 19 00 — 25.58 0.03

3 19 20 Ex 26.25

3 21 00 — 29.38 3.13 + 0.40 = 3.53

3 21 20 Th 29.26

3 23 00 — 28.50 0.76

3 23 20 Ex 29.02

3 25 00 — 31.51 2.49 + 1.03 = 3.52

3 25 20 Th 31.32 Mean 3.525 air Imf 20.3 c

3 27 00 — 30.02 1.30 Mean 20.2

Hygro 39.0° WB 48.8 7 DB 65.0 7 at 331

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Thursday Aug 24 1916

Thaylais 4P @ Helwan Obs B air Temp - 19.3C

8	20	20	Th 17.78		
8	22	00	— 17.92	0.14	
8	22	20	Ex 18.65		
8	24	00	— 21.90	3.85 + 0.28	= 3.63
8	24	20	Th 21.88		
8	26	00	— 21.45	0.43	
8	26	20	Ex 22.04		
8	28	00	— 24.89	2.85 + 0.70	= 3.55
8	28	20	Th 24.75	Mean 3.5-9	air Temp - 19.9C
8	30	00	— 23.79	0.96	Mean 19.6

Hyades 42.1° WB 48.1 7 DB 64.87 at 8.34

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Friday August 25 1916

Sky 0 Sc Clear Obs B air Temp 20.7C

9 11 20 Sh 20.45

9 13 00 — 20.60 0.15

9 13 20 Ex 21.38

9 15 00 — 24.89 3.87 + 0.32 = 3.83

9 15 20 Sh 24.77

9 17 00 — 24.80 0.49

9 17 20 Ex 24.73

9 19 00 — 27.99 3.06 + 0.74 = 2.80

9 19 20 Sh 27.80 Mean 3.815 air Temp 20.1C

9 21 00 — 26.81 .99 Mean 20.4

Hygro 45.0° WB 47.9 DB 63.1 F at 9.25

Sky 0 0 clear N Obs air Temp 21.4C

2 45 20 Shd 26.78

2 47 00 — 26.74 0.04

2 47 20 Exh 27.40

2 49 00 — 30.60 3.20 + 0.38 = 3.58

2 49 20 Shd 30.53

2 51 00 — 29.80 0.73

2 51 20 Exh 30.31

2 53 00 — 32.92 2.61 + 1.00 = 3.61

2 53 20 Shd 32.76 mean 3.595

2 55 00 — 31.49 1.27 air Temp 21.3C

mean " " 21.356

Hygro = 38.0° WB = 45.2 F DB = 66.0 F at 3 01

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Saturday August 26 1916

Sky o o Clear Obs B air Temp 19.0 C

8 58 20 Th 20.03

9 00 00 — 20.20 0.17

9 00 20 Ey 20.99

9 02 00 — 24.59 3.60 + 0.30 = 3.90

9 02 20 Th 24.53

9 04 00 — 24.08 0.44

9 04 20 Ey 24.69

9 06 00 — 27.78 3.09 + 0.76 = 3.85

9 06 20 Th 27.59 Mean 3.87.5 air Temp 20.0 C

9 08 00 — 26.53 1.07 Mean 19.5

Hygro 41.5° W B 48.1 ? D B 64.8 ? at 9.12

Sky o o Clear Obs B air Temp 16.5 C

3 07 20 Th 25.50

3 09 00 — 25.42 0.04

3 09 20 Ey 26.11

3 11 00 — 29.31 3.20 + 0.44 = 3.64

3 11 20 Th 29.19

3 13 00 — 28.38 0.81 ?

3 13 20 Ey 28.91

3 15 00 — 31.51 2.60 + 1.05 = 3.65

3 15 20 Th 31.25 Mean 3.645 air Temp 18.5 C

3 17 00 — 29.99 1.29 Mean 18.5

Hygro 40.9° W B 43.9 ? D B 61.9 ? at 3.21

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Monday August 28 1916

Sky o Jupiter Obs B air Tmp 15.9 C

8 45 20 Th 15.60
8 47 00 — 15.72 0.12
8 47 20 Ex 16.55
8 49 00 — 20.23 3.68 + 0.31 = 3.99
8 49 20 Th 20.20
8 51 00 — 19.70 0.50
8 51 20 Ex 20.38
8 53 00 — 22.55 3.17 + 0.77 = 3.94
8 53 20 Th 23.42 Mean 3.965 air Tmp 17.1 C
8 55 00 — 22.38 1.04 Mean 16.5

Hygro 45.0° W B 43.6 7 D B 57.07 at 9.00

Sky o Mars Obs B air Tmp 17.4 C

3 32 20 Th 23.85
3 34 00 — 23.78 0.07
3 34 20 Ex 24.43
3 36 00 — 27.66 3.23 + 0.45 = 3.68
3 36 20 Th 27.55
3 38 00 — 26.72 0.83
3 38 20 Ex 27.27
3 40 00 — 29.78 2.51 + 1.12 = 3.63
3 40 20 Th 29.53 Mean 3.655 air Tmp 17.7 C
3 42 00 — 28.13 1.40 Mean 17.7

5 Hygro 44.5° W B 45.9 7 D B 59.17 at 3.46

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Tuesday aug 29. 1916

Sky 0 ⊙ clear H Obr. air Temp 17.3b

8 55 20	Shd	16.59		
8 57 00	–	16.69	0.10	
8 57 20	Exh	17.46		
8 59 00	–	21.28	3.82 + 0.31 =	4.13
8 59 20	Shd	21.24		
9 01 00	–	20.71	0.53	
9 01 20	Exh	21.30		
9 03 00	–	24.58	3.28 +	= 4.04
9 03 20	Shd	24.42		mean 4.085
9 05 00	–	23.43	0.99	air Temp 17.0b
				mean " " 17.15b

Hygro = 42.0°. W B = 41.9 F. D B = 57.7 F at 9 11

Sky 0 ⊙ Clear H Obr air Temp 17.5b

2 23 20	Shd	23.88		
2 25 00	–	23.81	0.07	
2 25 20	Exh	24.50		
2 27 00	–	27.83	3.33 + 0.43 =	3.76
2 27 20	Shd	27.79		
2 29 00	–	27.00	0.79	
2 29 20	Exh	27.49		
2 31 00	–	30.21	2.72 + 1.02 =	3.74
2 31 20	Shd	30.04		mean = 3.75
2 33 00	–	28.79	1.25	air Temp 18.9b
				mean " " 19.2b

Hygro = 39.0° W B = 44.8 F D B = 61.8 F at 2 38

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Saturday September 2 1916

Sky 0 Clear Obs B air Temp 17.3 C

8 24 20 Th 20.07

8 26 00 — 20.18 0.11

8 26 20 Ex 20.98

8 28 00 — 24.45 3.47 + 0.31 = 3.78

8 28 20 Th 24.40

8 30 00 — 23.89 0.51

8 30 20 Ex 24.49

8 32 00 — 27.51 3.02 + .76 = 3.78

8 32 20 Th 27.35 Mean 3.78 air Temp 20.2 C

8 34 00 — 26.34 1.01 Mean 19.75

Hygro 43.0° WB 49.8 7 DB 67.0 7 at 8 28

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Monday Sept 4 1916

Sky Cirrus ☉ Clear Obs B air Tem. 19.0 C

8 33 20 Th 18.82

8 35 00 Th 18.95 0.13

8 35 20 Ey 19.73

8 37 00 — 23.40 3.67 + 0.37 = 4.04

8 37 20 Th 23.36

8 39 00 — 22.75 0.61

8 39 20 Ey 23.43

8 41 00 — 26.54 3.11 + .88 = 3.99

8 41 20 Th 26.36 Mean 4.115 air Tem. 20.4 C

8 43 00 — 25.22 1.14 Mois 19.7

Hygro 40.0° W B 45.9 + 8 B 60.5 + at 8.47

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Sunday Sept 10. 1916

Sky 0 ⊙ clear K Obs air Temp 22.06

9 24 20	Shd	24.55		
9 26 00	—	24.63	0.08	
9 26 20	Exp	26.33		
9 28 00	—	28.95	3.62 + 0.30 =	3.92
9 28 00	Shd	28.90		
9 30 00	—	28.38	0.52	
9 30 20	Exp	28.98		
9 32 00	—	32.01	3.03 + 0.77 =	3.80
9 32 20	Shd	31.89	mean	3.86
9 34 00	—	30.88	1.01	

air Temp 23.96

mean " 22.95 b

Hygro = 43.0°. WB = 49.9 F. DB = 67.8 F at 9 40

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Monday September 11 1916
Thy Cirrus IR Obscr OBS B air Tmp 21.2 C

8 49 20 Th 19.42
8 51 00 — 19.60 0.18
8 51 20 Ey 20.35
8 53 00 — 23.91 3.56 + 0.32 = 3.88
8 53 20 Th 23.89
8 55 00 — 23.44 0.45
8 55 20 Ey 24.10
8 57 00 — 27.20 3.10 + 0.72 = 3.82
8 57 20 Th 27.00 Mean 3.85 air Tmp 19.2 C
8 59 00 — 26.01 0.99 Mean 20.2

Hygro 46.5° W B 49.2 7 D B 64.4 7 alt 9 03

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Tuesday Sept 12. 1916

Sky 1 lead ⊙ clear & clr. air Temp 20.1 C

9	10	20	Shd	22.15			
9	12	00	—	22.22	0.07		
9	12	20	Exh	22.98			
9	14	00	—	26.45	3.47 +	0.34 =	3.81
9	14	20	Shd	26.40			
9	16	00	—	25.78	0.62		
9	16	20	Exh	25.45			
9	18	00	—	29.44	2.99 +	0.77 =	3.76
9	18	20	Shd	29.31		mean	3.785
9	20	00	—	28.40	0.91	air Temp	21.6 C
						mean "	20.85 C

Hygro = 42.0° WB = 49.3 F. DB = 65.8 F at 9 26

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Wednesday Sept 13 1916

Sky Cirri ☉ Clear Obs B air Temp. 19.7 C

8 42 20 Th 19.73

8 45 00 Th 19.90 0.17

8 45 20 Ex 20.63

8 47 00 — 24.17 3.54 + 0.31 = 3.85

8 47 20 Th 24.11

8 49 00 — 23.66 0.45

8 49 20 Ex 24.27

8 51 00 — 27.32 3.06 + 0.77 = 3.83

8 51 20 Th 27.21 Mean 3.84 air Temp - 21.0 C

8 52 00 — 26.12 1.09 Mean 20.35

Hygro 45.5° W R 48.9 7 D R 63.9 7 at 8.57

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Friday September 15 1916

Spy Cu Ki 2 P Glchar Ob 2 B air Temp 196 C

8 35 20 Ex 16 01

8 37 00 — 16.20 0.19

8 37 20 Ex 16.94

8 39 00 — 20.45 3.51 + 0.26/52 = 3.77

8 39 20 Ex 20 41

8 41 00 — 20.08 0.33

8 41 20 Ex 20.79

8 43 00 —

8 43 20 Ex Mean air Temp C

8 45 00 — Mean

Hygro ° WB 7 & B 7 at

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Friday September 15 1916

Sky clear P & Clear P & B air Temp 192 C

8	46	20	Th	24.06			
8	48	00	—	23.40	0.66		
8	48	20	Ex	23.98			
8	50	00	—	26.80	2.82 +	0.82 =	3.64
8	50	20	Th	26.62			
8	52	00	—	25.65	0.97		
8	52	20	Ex	26.20			
8	54	00	—	27.00	2.80 +	=	
8	54	20	Th	28.79	Mean	air Temp	C
8	56	00	—	27.70	1.09	Mean	

Hygro ° WB 7 DB 7 at

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Friday Sept 15 1916

Spy Cy Ci 2P clear Obs B air Inst. 20.0C

8	59	20	Th	25.96			
9	01	00	—	25.40	0.56		
9	01	20	Ex	26.00			
9	03	00	—	28.90	2.90	+ 0.76 =	3.66
9	03	20	Th	28.72			
9	05	00	—	27.75	0.97		
9	05	20	Ex	28.30			
9	07	00	—	30.90	2.60	+ 1.06 =	3.66
9	07	20	Th	30.67		Mean	3.66
9	09	00	—	29.54	1.15		

air Inst 22.9C

Mean 21.45

Hygro 45.1° WB 50.4 DB 65.7 at 9.13

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Saturday September 16 1916

Sky Cirls 4 P Clear Obs B air Tmp 20.2 C

9 15 20 Th 22.41

9 17 00 — 22.52 0.11

9 17 20 Ex 23.29

9 19 00 — 26.80 3.51 + 0.32 = 3.83

9 19 20 Th 26.73

9 21 00 — 26.31 0.52

9 21 20 Ex 26.88

9 23 00 — 29.85 2.97 + 0.82 = 3.79

9 23 20 Th 29.68 Mean 3.81 air Tmp 20.2 C

9 25 00 — 28.56 1.12 Mean 20.2

Hygro 42.2° W B 49.7 D B 67.7 at 9.29

Sky Cirls 5 T Clear Obs B air Tmp 20.0 C

3 29 20 Th 26.31

3 31 00 — 26.23 0.08

3 31 20 Ex 26.86

3 33 00 — 29.70 2.84 + 1.44 = 3.32

3 33 20 Th 29.59

3 35 00 — 28.80 0.79

3 35 20 Ex 29.30

3 37 00 — 31.56 2.26 + 1.04 = 3.30

3 37 20 Th 31.39 Mean 3.31 air Tmp 17.9 C

3 39 00 — 30.09 1.30 Mean 17.95

Hygro 43.0° W B 47.9 D B 65.1 at 3.43

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Monday September 18 1916

Sky Cirri ○ Clear Obs B air Temp. 21.3 C

9	04	20	Th	20.76		
9	06	00	—	20.90	0.14	
9	06	20	Ex	21.61		
9	08	00	—	25.06	3.45 + 0.30	= 3.75
9	08	20	Th	24.99		
9	10	00	—	24.53	0.46	
9	10	20	Ex	25.13		
9	12	00	—	28.11	2.98 + 0.72	= 3.70
9	13	20	Th	27.99	Mean 3.725	air Temp 21.9 C
9	14	00	—	27.01	0.98	Mean 21.6

Hygro 42.7° W B 48.1 ? D B 64.0 ? at 9.18

Sky Cirri & Cirro Clear Obs B air Temp. 21.9 C

3	11	20	Th	26.72		
3	13	00	—	26.70	0.02	
3	13	20	Ex	27.39		
3	15	00	—	30.40	3.01 + 0.35	= 3.36
3	15	20	Th	30.31		
3	17	00	—	29.63	0.68	
3	17	20	Ex	30.13		
3	19	00	—	32.61	2.48 + 0.89	= 3.37
3	19	20	Th	32.41	Mean 3.365	air Temp 21.9 C
3	21	00	—	31.31	1.10	Mean 21.9

Hygro 35.1° W B 45.9 ? D B 67.0 ? at 3.25

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Wednesday September 20 1916

Spy bi IP ⊙ Char OBzB air Imp. 22.1 C

9	14	20	Th	21.38	
9	16	00	—	21.49	0.11
9	16	20	Ex	22.20	
9	18	00	—	25.66	3.46 + 0.31 = 3.77
9	18	20	Th	25.60	
9	20	00	—	25.09	0.51
9	20	20	Ex	25.69	
9	22	00	—	28.62	2.93 + 0.78 = 3.71
9	22	20	Th	28.48	Mean 3.74
9	24	00	—	27.44	1.04

air Imp 21.9 C
Mean 22.0

Hygro 39.7° WB 46.5 F DB 65.0 F at 9.28

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Sept 21. 1916 Thursday

Sky 1 Cu ⊙ 6 Clear ✱ Obs! air Temp 18.0 6

9 00 20	Shd	18.20		
9 02 00	—	18.31	0,11	
9 02 20	Expr	19.09		
9 04 00	—	22.57	3.48 + 0.28 =	3.76
9 04 20	Shd	22.49		
9 06 00	—	22.03	0.46	
9 06 20	Expr	22.63		
9 08 00	—	25.72	3.09 + 0.69 =	3.78
9 08 20	Shd.	25.63	mean	3.77
9 10 00	—	24.71	0,92	

air Temp = 17.4 6

mean " = 17.7 6.

Heygro = 56.0° WB = 46.9 F. DB = 60.0 F at 9 17

Sky 1 Cu ⊙ 6 Clear ✱ Obs air Temp. 21.5 6

2 43 20	Shd	25.61		
2 45 00	—	25.58	0.03	
2 45 20	Expr	26.20		
2 47 00	—	29.35	3.15 + 0.35 =	3.50.
2 47 20	Shd	29.36		
2 49 00	—	28.68	0,68.	
2 49 20	Expr	29.21		
2 51 00	—	31.78	2.57 + 0.94 =	3.51
2. 51 20	Shd	31.70	mean	3.505
2 53 00	—	30.51	1,19	

air Temp = 21.0 6

mean " " = 21.25 6.

Heygro = 40.0° WB = 46.8 F. DB = 66.1 F at 2.58

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Friday Sept 22 1916

Sky Cirr 3P ⊙ clear Obs B air Tmp 21.C

9 10 20 Th 20.91

9 12 00 — 21.10 0.19

9 12 20 Ex 21.85

9 14 00 — 25.51 3.66 + 0.34 = 4.00

9 14 20 Th 25.49

9 16 00 — 26.00 0.49

9 16 20 Ex 25.68

9 18 00 — 28.85 3.17 + 0.79 = 3.96

9 18 20 Th 28.64 Mean 3.98 air Tmp 21.4C

9 20 00 — 27.55 1.09 Mean 21.2

Hygro 45.1° W B 49.87 D B 66.17 at 9.24

Sky Cirr 2P ⊙ clear Obs B air Tmp 20.8C

3 18 20 Th 26.32

3 20 00 Th 26.22 0.10

3 20 20 Ex 26.90

3 22 00 — 29.91 3.01 + 0.41 = 3.42

3 22 20 Th 29.51

3 24 00 — 29.09 0.72

3 24 20 Ex 29.57

3 26 00 — 32.02 2.45 + 0.97 = 3.42

3 26 20 Th 31.82 Mean 3.42 air Tmp 20.4C

3 28 00 — 30.60 1.22 Mean 20.6

Hygro 47.0° W B 49.07 D B 64.77 at 3.32

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Thursday Sept 28, 1916

Sky 1 cirrus 4 clr. air Temp 18.9 C

9 00 20	Shd	21.06		
9 02 00	—	21.13	0.07	
9 02 20	Exp	21.98		
9 04 00	—	25.67	3.69 + 0.34 =	4.03
9 04 20	Shd	25.72		
9 06 00	—	25.10	0.62	
9 06 20	Exp	25.80		
9 08 00	—	29.02	3.22 + 0.90	4.12
9 08 20	Shd	28.98		mean = 4.075
9 10 00	—	27.79	1.19	air Temp = 20.0 C
				mean " " = 19.45 C

Hygro = 41.0° WB = 45.8 F. DB = 62.8 F at 9 16

Sky 1 cu. St clr air Temp 21.4 C

2 23 20	Shd	24.65		
2 25 00	—	24.62	0.03	
2 25 20	Exp	25.34		
2 27 00	—	28.81	3.47 + 0.41 =	3.88
2 27 20	Shd	28.72		
2 29 00	—	27.92	0.80	
2 29 20	Exp	28.79		
2 31 00	—	31.39	2.60 + 1.05 =	3.65
2 31 20	Shd	31.20		mean = 3.765
2 33 00	—	29.90	1.30	air Temp 20.6 C
				mean " " 21.0 C

Hygro = 45.0° WB = 46.9 F. DB = 63.8 F at 2 39

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Friday September 29 1916

Sky 0 & Clear Obs B air Temp. 18.4 C

8 58 20 Th 19.18

9 00 00 — 19.30 0.12

9 00 20 Ex 20.17

9 02 00 — 24.18 4.01 + 0.33 = 4.34

9 02 20 Th 24.11

9 04 00 — 28.57 0.54

9 04 20 Ex 24.22

9 06 00 — 27.78 3.56 + 0.79 = 4.35

9 06 20 Th 27.59 Mean 4.345 air Temp 19.9 C

9 08 00 — 26.58 1.04 Mean 19.15

Hygro 40.6° W.B. 45.7 D.B. 62.5 7 at 9.12

Sky 0 & Clear Obs B air Temp. 20.2 C

3 01 20 Th 24.30

3 03 00 — 24.39 0.01

3 03 20 Ex 25.01

3 05 00 — 28.51 3.50 + 0.40 = 3.90

3 05 20 Th 28.40

3 07 00 — 27.62 0.78

3 07 20 Ex 28.20

3 09 00 — 31.00 2.80 + 1.09 = 3.89

3 09 20 Th 30.78 Mean 3.895 air Temp. 19.4 C

3 11 00 — 29.38 1.40 Mean 19.8

Hygro 40.0° W B 45.7 + D B 62.8 7 at 3.15

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Saturday September 30 1916

Sky ⊙ ⊙ Clear Obs. B air Tmp 17.9 C

9	24	20	Th	20.30			
9	26	00	—	20.40	0.10		
9	26	20	Ex	21.22			
9	28	00	—	25.15	3.93	+ 0.36 =	4.29
9	28	20	Th	25.09			
9	30	00	—	24.48	0.61		
9	30	20	Ex	25.12			
9	32	00	—	28.53	3.41	+ 0.88 =	4.29
9	32	20	Th	28.34		Mean 4.29	air Tmp 19.1 C
9	34	00	—	27.19	1.15		Mich 18.5

Hygro 40.4° W B 43.7 ? D B 62.5 ? at 9.38.

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Friday October 13 1916

Sky Cs Trace ⊙ Clear Obs B air Tmp 17.0 C

8 29 20 Th 19.00

8 31 00 — 19.11 0.11

8 31 20 Ex 19.91

8 33 00 — 23.66 3.75 + 0.29 = 4.04

8 33 20 Th 23.89

8 35 00 — 23.12 0.47

8 35 20 Ex 23.77

8 37 00 — 27.00 3.23 + 1.76 = 3.99

8 37 20 Th 26.87 Mean 4.015 air Tmp 22.9 C

8 39 00 — 25.82 1.05 Mean 20.9 ⊖

Hygro 48.0° W B 50.97 D B 665 7 at 8.43

Sky Cs Cs 3P ⊙ Clear Obs B air Tmp 22.8 C

3 25 20 Th 26.58

3 27 00 — 26.51 2.07

3 27 20 Ex 27.19

3 29 00 — 30.20 3.01 + .40 = 3.41

3 29 20 Th 30.11

3 31 00 — 29.38 0.73

3 31 20 Ex 29.89

3 33 00 — 32.28 2.39 + 1.01 = 3.40

3 33 20 Th 32.04 Mean 3.405 air Tmp 22.4 C

3 35 00 — 30.76 1.29 Mean 22.6

Hygro 46.6° W B. 50.67 D B 65.87 at 339

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Saturday Octo 14 1916

Sky Cirlis 4P ○ Clear Obs B air Temp. 22.5 C

9	05	20	Th	21.40		
9	07	00	—	21.51	0.11	
9	07	20	Ex	22.33		
9	09	00	—	26.14	3.81 + 0.34	= 4.15
9	09	20	Th	26.08		
9	11	00	—	25.51	0.57	
9	11	20	Ex	26.19		
9	13	00	—	29.45	3.26 + 0.84	= 4.10
9	13	20	Th	29.30	Mean 4.125	air Temp. 22.9 C
9	15	00	—	28.19	1.11	Mean 22.7

Hygro 45.9° W.B 49.17 D.B 64.97 at 9.19

Sky Cirlis 5P ○ Clear Obs B air Temp. 21.0 C

3	47	20	Th	25.85		
3	49	00	—	25.80	0.05	
3	49	20	Ex	26.49		
3	51	00	—	29.59	3.10 + 0.42	= 3.52
3	51	20	Th	29.47		
3	53	00	—	28.69	0.78	
3	53	20	Ex	29.21		
3	55	00	—	31.71	2.50 + 1.02	= 3.52
3	55	20	Th	31.50	Mean 3.52	air Temp. 22.0 C
3	57	00	—	30.24	1.26	Mean 21.5

Hygro 47.1° W.B 47.87 D.B 63.57 at 4.01

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Monday October 16 1916

Sky Cirs IT ☽ Clear Obs B air Temp. 19.1 C

8 53 20 Th 18.89

8 54 00 — 19.00 0.11

8 54 20 Ex 19.83

8 56 00 — 23.72 3.89 + 0.32 = 4.21

8 56 20 Th 23.63

8 58 00 — 23.10 0.53

8 58 20 Ex 23.80

9 00 00 — 27.15 3.35 + 0.82 = 4.17

9 00 20 Th 26.79 Mean 4.17 air Temp. 19.9 C

9 02 00 — 25.89 1.10 Mean 19.5

Hygro 51.9° W B 49.7 D B 61.8 7 at 9.06

Sky Cirs 4T ☽ Clear Obs B air Temp 18.5 C

3 57 20 Th 23.88

3 58 00 — 23.79 0.09

3 58 20 Ex 24.40

3 55 00 — 27.45 3.05 + 0.45 = 3.50

3 55 20 Th 27.31

3 57 00 — 26.50 0.81

3 57 20 Ex 27.01

3 59 00 — 29.42 2.41 + 1.06 = 3.47

3 59 20 Th 29.19 Mean 3.485 air Temp 18.7 C

4 01 00 — 27.88 1.31 Mean 18.6

Hygro 52.1° W B 46.1 7 D B 59.2 7 at 4.05

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Wednesday October 18 1916

Sky bilds ⊽ ⊙ Clear Obs B air Imp. 20.8 C

9 22 20 Th 20.52

9 24 00 — 20.62 0.10

9 24 20 Ex 21.50

9 26 00 — 25.57 4.07 + 0.32 = 4.39

9 26 20 Th 25.45

9 28 00 — 24.90 0.55

9 28 20 Ex 25.60

9 30 00 — 29.01 3.41 + 0.93 = 4.34

9 30 20 Th 28.88 Mean 4.365 air Imp. 21.0 C

9 32 00 — 27.57 1.31 Mean 20.8

Hygro 490° WB 47.6 ⊽ DB 64.1 ⊽ at 9.36

Sky 0 · ⊙ Clear Obs B air Imp. 21.6 C

3 36 20 Th 25.76

3 38 00 — 25.69 0.07

3 38 20 Ex 26.40

3 40 00 — 29.56 3.16 + 0.42 = 3.58

3 40 20 Th 29.42

3 42 00 — 28.66 0.76

3 42 20 Ex 29.20

3 44 00 — 31.81 2.61 + 1.01 = 3.62

3 44 20 Th 31.58 Mean 3.60 air Imp. 22.0 C

3 46 00 — 30.32 1.26 Mean 21.8

Hygro 490° WB 48.8 ⊽ DB 63.9 ⊽ at 3.50

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Thursday Oct 19. 1916

Sky clear ⊙ clear H Obr air Temp 20.0 b

9 03 20	Shd	18.50			
9 05 00	—	18.62	0.12		
9 05 20	Exh	19.53			
9 07 00	—	23.50	3.97 + 0.31 =		4.28
9 07 20	Shd	23.49			
9 09 00	—	22.98	0.51		
9 09 20	Exh	23.63			
9 11 00	—	27.12	3.49 + 0.75 =		4.24
9 11 20	Shd	27.01		mean	4.26
9 13 00	—	26.01	1.00	air Temp	20.2 b
				mean " "	20.1 b

Heygro = 47.0° WB = 46.9 F. DB = 64.0 F at 9 18

Sky 0.1 Cu ⊙ clear H Obr air Temp 22.0 b

3 22 20	Shd	25.82			
3 24 00	—	25.71	0.11		
3 24 20	Exh	26.39			
3 26 00	—	29.73	3.34 + 0.46 =		3.80
3 26 20	Shd	29.62			
3 28 00	—	28.80	0.82		
3 28 20	Exh	29.39			
3 30 00	—	32.05	2.66 + 1.06 =		3.72
3 30 20	Shd	31.90		mean	3.76
3 32 00	—	30.59	1.31	air Temp	22.0 b
				mean " "	22.0 b

Heygro = 52.0° WB = 49.3 F. DB = 64.0 F at 3.37

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Friday October 20 1916

Sky Clear ϕ Clear Obs B air Temp. 22.8 C

9	10	20	Th	20.39		
9	12	00	Th	20.50	0.11	
9	12	20	Ex	21.33		
9	14	00	—	25.40	4.07	+ 0.36 = 4.43
9	14	20	Th	25.32		
9	16	00	—	24.70	0.62	
9	16	20	Ex	25.39		
9	18	00	—	28.81	3.42	+ 0.94 = 4.36
9	18	20	Th	28.65	Mean 4.395	air Temp. 23.4 C
9	20	00	—	27.39	1.26	Mean 23.1

Hygro 44.8° WB 47.7 ? DB 64.9 ? at 9.24

Sky Cirrus IT ϕ Clear Obs B air Temp. 22.2 C

3	46	20	Th	26.26		
3	48	00	Th	26.20	.06	
3	48	20	Ex	26.90		
3	50	00	—	30.11	3.21	+ 0.41 = 3.62
3	50	20	Th	30.00		
3	52	00	—	29.24	0.76	
3	52	20	Ex	29.76		
3	54	00	—	32.24	2.48	+ 1.06 = 3.54 air Temp. 22.2 C
3	54	20	Th	32.02	Mean 3.58	Mean 22.2
3	56	00	—	30.66	1.36	

Hygro 46.8° WB 48.5 ? DB 65.6 ? at 4.00

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Sunday oct 22. 1916

Sky clear ⊙ clear ✻ Obr. air Temp 23.26

9 13 20	Shd	22.41		
9 15 00	—	22.46	0.05	
9 15 20	Exp	23.19		
9 17 00	—	27.23	4.04 + 0.56	= 4.60
9 17 20	Shd	27.20		
9 19 00	—	26.12	1.08	
9 19 20	Exp	27.26		
9 21 00	—	30.72	3.46 + 1.08	= 4.54
9 21 20	Shd	30.57		mean = 4.57
9 23 00	—	29.48	1.09	air Temp = 23.06
				mean = 23.16

Hygro = 37.0° WB = 46.9 F DB = 66.6 F at 9 29

Sky clear ⊙ clear ✻ Obr air Temp 22.06

2 22 20	Shd	26.09		
2 24 00	—	26.04	0.05	
2 24 20	Exp	26.80		
2 26 00	—	30.34	3.54 + 0.42	= 3.96
2 26 20	Shd	30.28		
2 28 00	—	29.48	0.80	
2 28 20	Exp	30.09		
2 30 00	—	32.99	2.90 + 1.06	= 3.96
2 30 20	Shd	32.81		mean 3.96
2 32 00	—	31.49	1.32	air Temp 23.56
				mean = 22.86

Hygro = 43.0° WB = 48.9 F DB = 66.3 F at 2 37

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Monday October 23 1916

Sky 0 To Clear Obs B air Temp. 21.0 C.

8 59 20 Th 20.21

9 01 00 — 20.32 0.11

9 01 20 Ex 21.20

9 03 00 — 25.21 4.01 + 0.31 = 4.32

9 03 20 Th 25.12

9 05 00 — 24.61 0.51

9 05 21 Ex 25.39

9 07 00 — 28.85 3.46 + 0.84 = 4.30

9 07 20 Th 28.69 Mean 4.31 air Temp. 21.2 C

9 09 00 — 27.52 1.17 Mean 21.1

Hygro 40.1° W.B. & 48.1 7 D.B. 66.9 7 at 9.13

Sky 0 Clear Obs B air Temp. 22.1 C

3 33 20 Th 25.20

3 35 00 — 25.13 0.07

3 35 20 Ex 26.89

3 37 00 — 29.24 3.35 + 0.44 = 3.79

3 37 20 Th 29.12

3 39 00 — 28.32 0.80

3 39 20 Ex 28.90

3 41 00 — 31.61 2.71 + 1.08 = 3.79

3 41 20 Th 31.36 Mean 3.79 air Temp. 21.5 C

3 43 00 — 30.00 1.36 Mean 21.3

Hygro 41.2° WB 46.9 7 DB 62.5 7 at 3.47

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Tuesday oct 24. 1916
Sky clear H. Obs. air Temp 21.5 C

9 02 20	Shd	19.54		
9 04 00	–	19.66	0.12	
9 04 20	Exp	20.47		
9 06 00	–	24.60	4.13 + 0.35 =	4.48
9 06 20	Shd	24.58		
9 08 00	–	23.99	0.59	
9 08 20	Exp	24.68		
9 10 00	–	28.22	3.54 + 0.85 =	4.39
9 10 20	Shd	28.19	mean =	4.435
9 12 00	–	27.08	1.11 air Temp =	19.7 C
			mean " "	20.7 C

Hygro = 46.0° WB = 46.8 F DB = 63.0 F at 9 18.
Sky clear H. Obs. air Temp 23.3 C

3 11 20	Shd	25.90		
3 13 00	–	25.83	0.07	
3 13 20	Exp	26.50		
3 15 00	–	29.98	3.48 + 0.43 =	3.91
3 15 20	Shd	29.89		
3 17 00	–	29.10	0.79	
3 17 20	Exp	29.70		
3 19 00	–	32.49	2.79 + 1.05 =	3.84
3 19 20	Shd	32.30	mean	3.875
3 21 00	–	30.99	1.31	

air Temp = 22.2 C
mean " " = 22.75 C

Hygro 44.0° WB = 47.8 F DB = 66.0 F at 3 27

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Wednesday October 25 1916

Sky Clear ⊙ Clear Obs R air Temp. 22.0 C

8 46 20 Th 21.19

8 48 00 — 21.31 0.12

8 48 20 Ex 22.20

8 50 00 — 26.29 4.09 + 0.34 = 4.43

8 50 20 Th 26.20

8 52 00 — 25.65 0.55

8 52 20 Ex 26.36

8 54 00 — 29.93 3.57 + 0.86 = 4.43

8 54 20 Th 29.70 Mean 4.43 air Temp. 22.0 C

8 56 00 — 28.54 1.16 Mean 22.5

Hygro 36.1° W B 45.7 ? D B 67.0 ? at 9 00

Sky ⊙ Clear Obs R air Temp. 22.5 C

3 01 20 Th 26.30

3 03 00 — 26.29 0.01

3 03 20 Ex 27.02

3 05 00 — 30.49 3.47 + 0.40 = 3.87

3 05 20 Th 30.39

3 07 01 — 29.59 0.80

3 07 20 Ex 30.15

3 09 00 — 33.00 2.85 + 1.02 = 3.87

3 09 20 Th 32.76 Mean 3.87 air Temp 22.4 C

3 11 01 — 31.52 1.24 Mean 22.6

Hygro 41.5° W B. 47.9 ? D B. 66.3 ? at 3 15

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Thursday Oct 26. 1916

Sky clear ~~H Obs~~ air Temp 22.96

9 07 20	Shd	21.70		
9 09 00	—	21.81	0.11	
9 09 20	Exn	22.61		
9 11 00	—	26.60	3.99 + 0.33 =	4.32
9 11 20	Shd	26.54		
9 13 00	—	25.99	0.55	
9 13 20	Exn	26.61		
9 15 00	—	30.05	3.44 + .52	
9 15 20	Shd	30.02		
9 17 00	—	29.54	0.48	

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Thursday Oct 26. 1916

Sky clear & Obsr. air Temp 24.9 b

9 20 20	Shd	27.65⁻		
9 22 00	—	27.10	0.55	
9 22 20	Exh	27.83		
9 24 00	—	31.29	3.46 + 0.79	= 4.25⁻
9 24 20	Shd	31.17		
9 26 00	—	30.13	1.04	
9 26 20	Exh	30.71		
9 28 00	—	33.86	3.15⁻ + 1.24	= 4.39
9 28 20	Shd	33.64	mean	= 4.32
9 30 00	—	32.20	1.44	air Temp = 24.9 b
			mean	= 24.9 b

Hygro = 40.0° WB = 47.8 F. DB. = 67.7 F at 9 35⁻

Sky 1 tee 8 ⊙ clear & Obsr air Temp 23.4 b

2 44 20	Shd	26.34		
2 46 00	—	26.30	0.04	
2 46 20	Exh	27.02		
2 48 00	—	30.60	3.58 + 0.43⁻	= 4.03
2 48 20	Shd	30.50		
2 50 00	—	29.63	0.87	
2 50 20	Exh	30.19		
2 52 00	—	33.18	2.99 + 1.12	= 4.11
2 52 20	Shd	32.96	mean	= 4.07
2 54 00	—	31.59	1.37	
			air Temp	24.0 b
			mean "	23.7 b

Hygro = 37.0° WB = 46.8 F. DB = 67.1 F at 2 59

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Tuesday Oct 31. 1916

Sky below .2 Obr H. air Temp 21.46

9 08 20	Shd	21.07		
9 10 00	–	21.14	0.07	
9 10 20	Exh	21.96		
9 12 00	–	25.82	3.86 + 0.35 –	= 4.21
9 12 20	Shd	25.79		
9 14 00	–	25.16	0.63	
9 14 20	Exh	25.79		
9 16 00	–	29.16	3.37 + 0.87	= 4.24
9 16 20	Shd	29.06		mean = 4.225
9 18 00	–	27.95	1.11	air Temp = 22.06
				mean 21.76

Hygro = 42.0°. WB = 44.9 F. DB = 63.0 F at 9 24

Sky clear Obr H. air Temp 22.36

2 40 20	Shd	25.29		
2 42 00	–	25.22	0.07	
2 42 20	Exh	25.93		
2 44 00	–	29.39	3.46 + 0.44	= 3.90
2 44 20	Shd	29.28		
2 46 00	–	28.46	0.82	
2 46 20	Exh	29.00		
2 48 00	–	31.83	2.83 + 1.08	= 3.91
2 48 20	Shd	31.66		mean 3.905
2 50 00	–	30.31	1.35	air Temp 21.06
				mean 21.65 6

Hygro = 43.0° WB = 47.5 F. DB = 64.3 F at 2 56

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Wednesday Nov. 1. 1916

sky clear Obr B. air Temp 21.9 b

8 52 20	Shd	20.52					
8 54 00	—	20.64	0.12				
8 54 20	Exp	21.57					
8 56 00	—	25.50	3.93	+	0.33	=	4.26
8 56 20	Shd	25.47					
8 58 00	—	24.92	0.55				
8 58 20	Exp	25.59					
9 00 00	—	29.18	3.59	+	0.80	=	4.39
9 00 20	Shd	29.02				mean =	4.325
9 02 00	—	27.96	1.06			air Temp =	23.5 b
						mean " "	22.7 b

Heygro = 39.0° WB = 47.9 F. DB = 65.9 F at 9 08

Sky 6/8 S. 0.3 ⊙ clear Obr K air Temp 21.4 b

2 57 20	Shd	25.63					
2 59 00	—	25.53	0.10				
2 59 20	Exp	26.29					
3 01 00	—	29.95	3.66	+	0.47	=	4.13
3 01 20	Shd	29.84					
3 03 00	—	28.99	0.85				
3 03 20	Exp	29.53					
3 05 00	—	32.50	2.97	+	1.11	=	4.08
3 05 20	Shd	32.29				mean =	4.105
3 07 00	—	30.92	1.37			air Tem	21.9 b
						mean " "	21.65 b.

Heygro = 36.0° WB = 45.9 F. DB = 66.0 F at 3 12.

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Thursday Nov. 2. 1916

Sky clear. Aneroid air Temp 19.56

8 29 20	Shd	18.73	
8 31 00	—	18.90	0.17
8 31 20	Exh	19.69	
8 33 00	—	23.71	4.02 + 0.34 = 4.36
8 33 20	Shd	23.74	
8 35 00	—	23.22	0.52
8 35 20	Exh	23.91	
8 37 00	—	27.39	3.48 + 0.78 = 4.26
8 37 20	Shd	27.26	mean = 4.31
8 39 00	—	26.22	1.03 air Temp = 22.86

mean " " = 21.15 b

Hygro = 39.0° WB = 46.0 F DB = 64.3 F at 8.48

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Tuesday Nov. 7. 1916

Sky clear. N Obr. air Temp 20.4 b

8	42	20	Shd	19.29	
	44	00	—	19.39	0.10
	44	20	Exp	20.20	
	46	00	—	24.03	3.83 + 0.30 = 4.13.
	46	20	Shd	23.99	
	48	00	—	23.48	0.51
8	48	20	Exp	24.09	
8	50	00	—	27.48	3.39 + 0.74 = 4.13
8	50	20	Shd	27.31	mean 4.13
8	52	00	—	26.35	0.96 air Temp 20.8 b
					mean " " 20.6 b

Heygro = 46.0° WB = 47.9 F. DB = 64.9 F. at 8 58

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Friday November 10 1916

Sky Clear ⊙ Clear Alt B air Thmf 21.0 C

8	27	20	Th	18.00		
8	29	00	—	18.11	0.11	
8	29	20	Ex	18.95		
8	31	00	—	22.81	3.86 + 0.34 =	4.20
8	31	20	Th	23.78		
8	33	00	—	22.22	0.56	
8	33	20	Ex	22.91		
8	35	00	—	26.30	3.39 + 0.80 =	4.19
8	35	20	Th	26.18	Mean	4.195
8	37	00	—	25.15	1.03	

air Thmf 21.0 C
Mean 21.0

Hygro 43.1° WB 46.2 ° DB 62.7 ° at 8.41

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Saturday November 11 1916

Sky Cir ⊙ Char OB2 B · air Tmp. 20.8 C

8	45	20	Th	18.98			
8	47	00	—	19.09	0.11		
8	47	20	Ex	19.89			
8	49	00	—	23.80	3.91	+ 0.32 =	4.23
8	49	20	Th	23.72			
8	51	00	—	23.19	0.53		
8	51	20	Ex	23.90			
8	53	00	—	27.29	3.39	+ 0.80 =	4.19
8	53	20	Th	27.10		Mean	4.21
8	55	00	—	26.02	1.08		

air Tmp. 23.8 C

Mean 22.3

Hygro 42.2° W B 47.5 ? D B 65.1 ? at 8.59

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Sunday Nov. 12. 1916

sky 0.1 Cb ⊙ clear N Obr

air Temp 23.16

9 13 20	Shd	20.71	
9 15 00	—	20.78	0.07
9 15 20	Exh	21.61	
9 17 00	—	25.79	4.18 + 0.36 = 4.54
9 17 20	Shd	25.76	
9 19 00	—	25.10	0.66
9 19 20	Exh	25.79	
9 21 00	—	29.39	3.60 + 0.90 = 4.50
9 21 20	Shd	29.24	mean 4.52
9 23 00	—	28.10	1.14 air Temp 23.06

mean " " 23.05-16

Hygro = 39.0° W B = 46.5 F. DB = 65.5 F at 928

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Monday November 13 1916

Hey Clear & Clear Obs B air Temp 21.1 C

8	50	20	Sh	18.45			
8	52	00	—	18.52	0.07		
8	52	20	Ex	19.40			
8	54	00	—	23.50	4.10	+ 0.34 =	4.44
8	54	20	Sh	23.40			
8	56	00	—	22.79	0.61		
8	56	20	Ex	23.50			
8	58	00	—	27.01	3.51	+ 0.91 =	4.42
8	58	20	Sh	26.80		Mean	4.43
9	00	00	—	25.59	1.21		

air Temp 21.3 C

Mean 21.2

Hygro 47.7° W B 43.8 ? D B 59.9 ? at 9 04

Sky 0.2 Cirb O clear Obr H air Temp 22.9 C

3	01	20	Sh	25.43			
3	03	00	—	25.40	0.03		
3	03	20	Ex	26.16			
3	05	00	—	29.65	3.49	+ 0.42 =	3.91
3	05	20	Sh	29.63			
3	07	00	—	28.81	0.82		
3	07	20	Ex	29.40			
3	09	00	—	32.31	2.91	+ 1.08 =	3.99
3	09	20	Sh	32.10		mean	3.95
3	11	00	—	30.75	1.35	air Temp	22.4 C

mean " " 22.65 C

Hygro = 57.0° W B = 50.0 I. D B = 64.4 Fat 3 18,

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Monday November 20 1916

Sky by Lds IT @ Clear Obs B air Temp 22.2 C

8 46 20 Th 18.70

8 48 00 Th 18.81 0.11

8 48 20 Ex 19.61

8 50 00 — 23.39 3.78 + 0.31 = 4.09

8 50 20 Th 23.31

8 52 00 — 22.80 0.51

8 52 20 Ex 23.49

8 54 00 — 26.78 3.29 + .76 = 4.05

8 54 20 Th 26.60 Mean 4.07 air Temp - 22.0 C

8 56 00 — 25.59 1.01 Mean 22.1

Hygro. ℞ 32.1 WB 46.17 DB 61.97 at 9 00

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Thursday Dec 7. 1916
Sky 0.3 Cirrus ⊙ clear Obs K
air Temp
Clouds over Sun

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Friday Dec 8 1916

Sky 0.3 Thin Cirro-Stratus Solar Obs B air Temp. 17.0 C

8	15	20	Th	16.07		
8	17	00	—	16.20	0.13	
8	17	20	Ex	16.97		
8	19	00	—	20.81	3.84 + 0.34 =	4.18
8	19	20	Th	20.76		
8	21	00	—	20.22	0.54	
8	21	20	Ex	20.95		
8	23	00	—	24.30	3.35 + 0.81 =	4.16
8	23	20	Th	24.12	Mean	4.17
8	25	00	—	23.04	1.08	

air Temp. 18.8 C
Mean 17.9

H 7910 54.9° W B 49.0 D B 56.7 at 8.37

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Monday Dec 11 1916

Sky Cirrus SP 0 Clear Ob 2 TB air Temp. 20.3C

9 02 20 Th 20.60

9 04 00 — 20.67 0.07

9 04 20 Ex 21.48

9 06 00 — 25.20 3.72 + 0.31 = 4.03

9 06 20 Th 25.14

9 08 00 — 24.59 0.55

9 08 20 Ex 25.23

9 10 00 — 28.50 3.27 + 0.78 = 4.05

9 10 20 Th 28.30 Mean 4.04 air Temp 21.2C

9 12 00 — 27.29 1.01 Mean 20.75

Hygro 43.9° WB 49.1 + DB 64.8 at 9 16

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Wednesday Dec 13 1916

Sky Cirrhis SR ⊙ Char OBZB air Tmp 21.5 C

8	46	20	Th	19.36		
8	48	00	—	19.38	0.12	
8	48	20	Ex	20.11		
8	50	00	—	23.82	3.71 +	0.30 = 4.01
8	50	20	Th	23.78		
8	52	00	—	23.31	0.47	
8	52	20	Ex	23.76		
8	54	00	—	27.20	3.24 +	0.74 = 3.98
8	54	20	Th	27.08	Mean	3.995
8	56	00	—	26.07	1.01	

air Tmp. 20.3 C
Mean 20.9

Hygro 38.1 WB 48.1 ° DP 63.4 ° at 9 00

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Friday December 22 1916

Sky Leitis 2T ◎ clear Obs B air Tmp. 20.0 C

~~8 27 20 Th 18.91~~

~~8 39 00 — 19.00 0.09~~

~~8 47 20 Ex~~

8 40 ~~20~~ 00 Th 19.04

8 42 00 — 19.12 0.08

8 42 20 Ex 20.00 7 =

8 44 00 — 24.00 4.00 + 0.35 = 4.35

8 44 20 Th 23.93

8 46 00 — 23.31 0.62

8 46 20 Ex 24.01

8 48 00 — 27.48 3.47 + 0.88 = 4.35

8 48 20 Th 27.30 Mean 4.35 air Tmp. 18.8 C

8 50 00 — 26.16 1.14 Mean ~~19.4~~ 19.1

Hygro 47.8° WB 53.0 7 DB 62.5 7 at 8.54

Sky Leitis 1T ◎ clear Obs B air Tmp. 24.9 C

3 30 20 Th 25.98

3 32 00 — 25.95 0.03

3 32 20 Ex 26.70

3 34 00 — 30.19 3.49 + 0.42 = 3.91

3 34 20 Th 30.08

3 36 00 — 29.27 .81

3 36 20 Ex 30.17

3 38 00 — 32.68 2.51 + 1.20 = 3.71

3 38 20 Th 32.41 Mean 3.81 air Tmp. 22.1 C

3 40 00 — 30.82 1.59 Mean 23.5

Hygro 49.9° WB 53.27 DB 64.6 7 at 3.44

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