

KG

11365

771

Periheliometer

No. 17

Observations

1914

KG 11365. 771

1635
163

175

43

781

19 14₂

55

8055
608

161

90

144

165 6

575
268

2915

2(1:75
875

KQ 11365.771

Friday June 2nd 1914HARVARD
UNIVERSITY
LIBRARY
JUL 17 1956

Kollb

Sk T Cn

Air Temp = 18.0 C

9 48 20	Shad	22 28	
50	—	17 00	
45 00	—	21 67	$\frac{61}{55}$
50	Epp	22 30	
45 20	—	17 70	
52	—	25 75	
47 00	—	22 76	$3.45 + .835 = 4.285$
52	Shad	25 60	
47 20	—	22 44	
54	—	24 54	1.06
49 00	Epp	25 63	
54	—	25 64	$3.111 + 1.26 = 4.37$
56 00	Shad	28 00	4.32.7
56 20	—	26 54	1.46
58 00	—	26 54	
52 20	—	26 54	

Air Temp = 19.1 C

Kollb

Hygrometer: 45.0 at 10.00

WB = 9.9

DB = 19.5

Sky 0

Windy

1 34 20	Shad	17 87	Air Temp = 19.0 C
36 00	—	17 93	-.06
36 20	Epp	18 68	
38 00	—	22 75	$4.07 + .245 = 4.315$
38	Shad	22 74	
40 20	—	22 19	.58
40 00	Epp	22 83	
42 00	—	26 40	$3.57 + .76 = 4.33$
42 20	Shad	26 27	4.32
44 00	—	25 36	.97

Hygrometer - 47.5 at 1.45

Air Temp = 26.2

Sunday Jan 2nd / 14

3

Obs

Air Temp = 20.9

Sky 2. Cu. Sonson

3. 11 20	= Shd	=	19.38	
13. 00	-	-	19.40	- 02
13. 30	Shd	-	20.12	
15. 00	-	-	23.68	3.56 + 27 = 3.83
15. 30	Shd	-	23.64	
17. 00	-	-	23.12	- 0.52
17. 30	Shd	-	23.72	
19. 00	-	-	26.82	^{3.10} 2.90 + 75 = 3.85
19. 30	Shd	-	26.76	2 6.88
21. 00	-	-	25.78	0.98 3.84

Air T = 19.8

Hygriograph = at ³
~~30~~
 53.0

W.B. = 12.6
 P.B. = 20.2

Saturday Jan 31st / 124

Obs. 100
Air T = 18.00

8.54.20	Shd =	16.58	
8.56.00	- =	16.70	-0.12
8.56.20	Exp. =	17.30	
8.58.00	- =	20.95	= 3.65 + 17.5 = 3.825
8.58.20	Shd	20.95	
9.00.00	- =	20.48	= 0.47
9.00.20	Exp =	21.20	
9.02.00	- =	24.64	= 3.44 + 16.6 = 4.10
9.02.20	Shd =	24.60	
9.04.00	- =	23.75	- 0.85

21.925
3.96.2

Air T = 19.50

Hygrometer = 53.0 at 10.30

WB = 10.0
DB = 18.5

Sky C.C. 1 hour Very Windy

HO 100

27.20	Shad	17.90	
29.00	-	17.96	-0.6
29.20	Exp	18.73	
31.00	-	22.92	4.19 + .235 = 4.425
31.20	Shad	22.94	
33.00	-	22.41	.53
33.20	Exp	23.00	
35.00	-	26.72	3.72 + .74 = 4.46
35.20	Shad	26.64	
37.00	-	25.69	.95
37.20			

4.442

Hygrometer = 48.0 at 1.40

Air Temp = 26.0 C

Saturday Jan 3^d 1914

5

Sky. Ci Cu, Hp

Obs. At.
Air T = 21.0

4.00.00 = Hd. 19.12

4.02.00 - = 19.18. 0.06.

4.02.30 Lp. 19.95

4.04.00 - 23.35 = 3.40 + 22. = 3.62

4.04.30 Hd 23.38

4.06.00 - 22.88 = 0.50

4.06.30 Lp. 23.48

4.08.00 - 26.45 = 2.97 + 20.5 = 3.64.5

4.08.30 Hd 26.38

4.10.00 - 25.47 = 0.91

3.64.45

Air T = 22.8

Hygriograph = 52.5 at 3.40 { W.B. = 11.0 }
 { D.B. = 19.6 }

Monday Jan 5th 1914

Shad

Air Temp =

Egg

Shad

Egg

Shad

Air Temp =

4

Tues. January 6, 1914

Sky 6 C. is in		D. clear		L.C. obs.	
8 45	20	S hd	17.55	Air T = 19.0 C	
47	00	—	17.62	-0.07	
	20	Eff	18.38	3.72 + 0.245 = 3.965	
49	00	—	22.10		
	20	Shd	22.08	0.56	
51	00	—	21.52		
	20	Eff	21.66	3.36 + 0.66 = 4.02	
53	00	—	25.02	<u>3.992</u>	
	20	Shd	24.89	0.76	
8 55	00	—	24.13	Air T = 22.0 C	

Hygograph = 49.0 at 8.58

Wet B = 10.8 C Dry B = 22.0 C.

Tuesday Jan 6th 1914Sky 5 C C² Cu

Obs Obs

Air T = 22.5

9.23 20	Shd =	20 38	
9.25 00	-	20 45 = 0.07	
25 30	Exp	21 20	
27 00	-	25 10 = 3.90 + 0.245 = 4.145	
27 20	Shd	25 06	
29 00	-	24 50 = 0.56	
29 20	Exp	25 08	
31 00	-	28.42 = 3.34 + 80 = 4.14	
31 20	Shd	28.32	
33 00	-	27.28 = 1.04	<u>4.14.25</u>

Hygriograph = 49.0 at 9.30 { W.B. = 11.9
 { D.B. = 22.1.

Air T = 23.8

Obs Obs

Sky 5 C C² 2.5 Scat Clean

10 19 20	Shad	23 13	
21 00	-	23 08.05	
21 20	Exp	23 77	
23 00	-	27 52 3.75 + 3.5 = 4.15	
23 20	Shad	27 48	
25 00	-	26 80 .68	
25 20	Exp	27 40	
27 00	-	30 63 3.22 + .91 = 4.14	
27 20	Shad	30 47	4.127
29 00	-	29 33 1.14	

Hygriograph = 54.0 at 10.30

Air Temp = 36.1 C

Saturday Jan ^{19th} 1917

9

Sky Sun & Moon clear

hops

9 31 20	Shad	Shad	17 63	Air Temp	19.3 C
33 00			17 70		
33 20	Shad	Shad	18 30		
35 00	Shad		18 33 -.03		
35 20	Shad	Shad	19 00		
37 00			22 88	$3.88 + .28 =$	4.16
37 20	Shad	Shad	22 93		
39 00	Shad		22 34 .59		
39 20	Shad	Shad	22 90		
41 00			26 25	$3.35 + .80 =$	<u>4.15</u>
41 20	Shad	Shad	26 16		4.155
43 00			25 15	1.01	

Hygograph - 62.5 at 9.50 W.B. = 44.2 D.B. = 20.8 Air Temp = 20.7 C

Sunday Jan. 11th 1914

Sky Clear 4.50 Clear

H.O. Obs

9 25 20

Shad 17 80

Air Temp = 19.5°C

27 00

— 17 85 - .08

27 20

Exp 18 60

29 00

22 60 4.00 + .21 = 4.21

29 20

Shad 22 58

31 00

— 22 00 - .50

31 20

Exp 22 65

33 00

26 03 3.38 + .765 = 4.145

33 20

Shad 26 02

4.177

35 00

— 24 99 1.03

Hygograph = 54.00 + 9.38 W. B. = 13.2 A B. = 21.2 Air Temp = 20.4°C

H.O. Obs

Sky 3 Clear 0 Clear

10 42 20

Shd 19.44

0.02 Air T = 22.0°C

44 00

19.42

20

Exp 20.28

4.00 + 0.33 = 4.33

46 00

24.28

20

Shd 24.26

0.64

48 00

23.62

20

Exp 24.22

3.48 + 0.83 = 4.31

Haze

< 50

00

27.70

4.32

20

Shd 27.54

1.02

10 52 00

26.52

Air T = 22.2°C

Hygograph = 55.0

4

Mon Jan 12, 1913

Skyl clear

8 52 20	Shd	17.50	Air T = 19.2 C
54 00		18.50	0.00
20	Exp	18.32	$3.68 + 0.215 = 3.895$
56 00		21.00	
20	Shd	20.92	0.43
58 00		20.49	
20	Exp	20.89	
00 00			
20	Shd		

9 02 00 C

Wet B = C. Dry B = C

Reflected
cover out of order

Skyl 0

9 47 20	Shad	20 14	Air Temp = 19.0 C
49 00		20 16 - .02	
49 20	Exp	19 42	
51 00		23 97	$4.05 + .32 = 4.375$
51 20	Shad	23 98	
53 00		23 32	.66
53 20	Exp	23 87	
55 00		27 45	$3.58 + .85 = 4.435$
55 20	Shad	27 34	4.420
57 00		26 27	1.07

Hygriograph = 40.0 at 10.00

Air Temp = 21.3 C
W.B. = 10.6 X.B. = 21.8

Monday Jan 12th 1913

H. Obs

Sky C. C. 2 Scatter Ocean

fin Temp = 19.3 C

1 29 20	Shad	1881	
31 00	—	1898	07
31 20	Egg	1970	
33 00	—	2365	3.95 + 2.45 = 4.195
33 20	Shad	2364	
35 00	—	2310	3.4
35 20	Egg	2366	
37 00	—	2707	3.41 + .75 = 4.16
37 20	Shad	2695	4.177
39 00	—	2599	1.96

Hydrograph = 62.0 - 1.45

Sky 4 C. C. Scatter Ocean Windy H. Obs

3 12 20	Shad	2018	fin Temp = 21.2 C
14 00	—	2018	00
14 20	Egg	2084	
16 00	—	2439	3.55 + .295 = 3.845
16 20	Shad	2438	
18 00	—	2379	59
18 20	Egg	2432	
20 00	—	2733	3.01 + .835 = 3.845
20 20	Shad	2732	3.845
22 00	—	2825	1.88

Hydrograph = 63.0 at 3:25

Thurs. January 15, 1914

P.C.C.B.

Sky clear

8 15 20 Shd 16.10 Air T = 16.4 C
 17 00 — 16.17 - 0.07
 20 Exp 17.00 3.82 + 0.29 = 4.11
 19 00 — 20.82
 20 Shd 20.80 + 0.65
 21 00 — 20.15
 20 Exp 20.84 3.34 + 0.88 = 4.22
 23 00 — 24.18 4.165
 20 Shd 24.04 1.11
 25 00 — 22.93 Air T = 17.2 C.

Hygograph = 48.5

P.C.C.B.

9 12 20 Shd 17.90 Air T = 19.0 C
 14 00 — 17.92 - 0.02
 20 Exp 18.60 4.02 + 0.30 = 4.32
 16 00 — 22.62
 20 Shd 22.58 0.62
 18 00 — 21.96
 20 Exp 22.60 #
 20 00 — 26.08 3.48 + 0.88 = 4.36
 20 Shd 25.92 1.14 4.34
 9 22 00 — 24.78 Air T = 21.2 C

Hygro = 47.5

Wet B = 10.4 C

Dry B = 18.5 C.

Jan'y 15, 1914.

Loch

Sky clear

10	06	20	Shd	19.10		Air \bar{T}	19.0 C.
	08	00	—	19.08	0.02		
		20	Eff	19.86	4.02	+0.38	= 4.39
	10	00	—	23.88			
		20	Shd	23.90	0.72		
	12	00	—	23.18			
		20	Eff	23.80	3.48	+0.96	= 4.44
	14	00	—	27.28			4.45
		20	Shd	27.18	1.20		
10	16	00	—	25.98		Air \bar{T}	= 21.4 C.

Hygograph = 47.5

Loch

Sky clear

11	08	20	Shd	19.56	0.04	Air \bar{T}	= 21.0 C
	10	00	—	19.52			
		20	Eff	20.22	4.16	+0.38	= 4.54
	12	00	—	24.38			
		20	Shd	24.40	0.72		
	14	00	—	23.68			
		20	Eff	24.34	3.48	+0.96	= 4.44
	16	00	—	27.82			4.49
		20	Shd	27.68	1.20		
11	18	00	—	26.48		Air \bar{T}	= 21.4 C

Hygograph = 55.5

Windy

Tues. Jan'y 20, 1914
 Sky 6 Cn Cus Clear at night L.C. Obs.

9 21 20	Shd 16.50	Air T = 17.2 C
23 00	16.54	-0.04
20	Eff 17.28	3.70 + 0.25 = 3.95
25 00	20.98	
20	Shd 20.94	0.54
27 00	20.40	
20	Eff 21.00	3.20 + 0.77 = 3.97
29 00	24.20	
20	Shd 24.18	1.00
9 31 00	23.18	

Air T = 19.6 C
 Hygrograph = 64.5 at 9:32

Hygro = 62.0
~~12.0 C~~

Wet B = 12.0 C at 10:00.

Dry B = 17.7 C

Wed Jan'y. 21, 1914

Sky 1 Cu Cir 0 clear RCB

8 49 20	Shd 16.22	Air T = 16.7 C
51 00	— 16.28	-0.06
20	Exp 16.90	3.67 + 0.265 = 3.935
53 00	— 20.57	
20	Shd 20.59	0.59
55 00	— 20.00	
20	Exp 20.56	3.14 + 0.79 = 3.93
57 00	— 23.70	3.932
20	Shd 23.66	0.99
8 59 00	— 22.67	Air T = 19.0 C

Hygro = 63.5

~~to~~

Sky 2 Cu Cir Scatt 0 clear RCB

9 39 20	Shd 20.07	Air T = 21.6 C
41 00	— 20.15	-0.08
20	Exp 20.91	3.83 + 0.26 = 4.09
43 00	— 24.74	
20	Shd 24.70	0.60
45 00	— 24.10	
20	Exp 24.74	3.26 + 0.79 = 4.05
47 00	— 28.00	4.07
20	Shd 27.98	0.98
9 49 00	— 27.00	Air T = 24.0 C

Hygro = 61.6
 Wrt B = 13.4 C
 Dry B = 19.3 C

Thurs. Jan. 29, 1914

Sky 3 Cu Scatt.

Clear

PC Obs

8 56 20	Shd	14.96	Air T = 16.0 C
58 00	—	15.00 - 0.04	
20	Exp	15.70	$3.88 + 0.295 = 4.175$
00 00	—	19.00	
20	Shd	19.57	0.63
02 00	—	18.94	
20	Exp	19.60	$3.28 + 0.815 = 4.095$
04 00	—	22.88	<u>4.135</u>
20	Shd	22.80	1.00
9 06 00	—	21.80	Air T = 16.0 C

Hygro = 45.0

Sky 3 Cu Scatt	Clear	PC Obs
10 21 20	Shd.	20.70 000 Air T = 18.8 C
23 00	—	20.70
20	Exp	21.42 $3.78 + 0.38 = 4.16$
25 00	—	25.20
20	Shd	25.16 0.76
27 00	—	24.40
20	Exp	25.04 $3.29 + 1.00 = 4.29$
29 00	—	28.33 <u>4.225</u>
20	Shd	28.19 1.24
10 31 00	—	26.95 Air T = 20.2 C

Hygro = 45.5

Wet B = 9.8 C

Dry B = 12.0 C

Thurs. Jan. 30, 1914

Ray & Cu. Cu. Scott.

L. C. (Ob)

9 14 20 Shd 15.20 -0.02 air T = 16.8 C

16 00 — 15.22

20 00 Suf 15.93 3.77 ~~67~~ +0.28 = 4.05

18 00 — 19.70

20 00 Shd 19.70 0.58

20 00 — 19.12

20 00 Suf 19.72 3.20 +0.805 = 4.005

22 00 — 22.92

20 00 Shd 22.83 1.03

4.028

9 24 00 — 21.80

air T = 18.0 C

Hygograph = 58.0

at 10 am

Hygro = 56.0

Wet B = 12.0 C

Dry B = 18.8 C

C. for

Mon. Feb 2, 1914

Sky 4 Cu Cld Scatt. O clear RCOB

8 32 20 Shd. 16.02 -0.06 air T = 17.5 C

34 00 — 16.08

20 Exp 16.76 $3.64 + 0.23 = 3.87$

36 00 — 20.40

20 Shd 20.38 0.52

38 00 — 219.86

20 Exp 20.40 $3.04 + 0.77 = 3.81$

40 00 — 23.44

20 Shd 23.40 1.02

8 42 00 — 22.38

air T = 19.0 C

Hygograph 70.0

Sky 5 Cu Cld Scatt O clear RCOB

10 08 20 Shd 22.68 -0.14 air T = 19.8 C

10 00 — 22.82

20 Exp 23.58 $3.74 + 0.23 = 4.00$

12 00 — 27.32

20 Shd 27.28 0.60

14 00 — 26.68

20 Exp 27.28 $2.84 + =$ clear.

16 00 — 30.12

20 Shd 30.10

18 00 —

Reject last half
clds interfered

Wet B = 13.2 Dry B = 18.2 Hygro = 68.0

Mon. Feb 9, 1914

Spy 4 Cu. Cu. Scatt.

L.C. Alb.

9 30 20 Shd 16.54

Air T = 17.5 C

32 00 — 16.59

-0.05

20 Exp 17.10

 $3.178 + 0.25 = 4.03$

34 00 — 20.88

20 Shd 20.88

0.55

36 00 — 20.33

20 Exp 20.92

 $3.30 + 0.755 = 4.055$

38 00 — 24.22

4.042

20 Shd 24.10

0.96

9 40 00 — 23.14

Air T = 18.0 C

Hygograph = 54.5

W.B. = 14.1 C D.B. = 19.4 C

Wed Feb. 11, 1914.
Sky Variable this day. P.C. Ob.
Sky 7 in air
10 06 20 Shd 1660 Air T = 18.2 C
08 00 — 1662
20 20 Shd
10 00 — Reject
20 Shd
12 50 —

Thurs Feb. 17th, 1914

Shy in air & Scat

Intemp = 1.5°C

H.P. Obs

9 29 20	Shd	16 80	
31 00	—	16 87	- .07
31 20	Exp	17 58	
33 00	Shd	21 33	$3.75 + 1.225 = 3.975$
33 20	Shd	21 34	
35 00	—	20 82	- .52
35 20	Exp	21 33	
37 00	—	24 70	$3.37 + .71 = 4.08$
37 20	Shd	24 58	4.028
39 00	—	23 68	.90

Hygograph = 55.0 at 900 W.B. = 14.7 W.B. = 20.5

Air Temp 20.0°C

Shy in air & Scat clear P.O.B.

10 14 20	Shd	19.77	+0.03	Air T = 19.5°C
16 00	—	19.74		
20	Exp	20.30	$3.77 + 0.335 = 4.105$	
18 00	—	24.07		
20	Shd	24.04	0.64	
20 00	—	23.40		
22	Exp	23.92	$3.30 + 0.84 = 4.140$	
22 00	—	27.22		<u>4.122</u>
20	Shd	27.11	1.04	
10 24 00	—	26.07		Air T = 21.4°C
Hygro = 53.0				

Thurs. Feb. 13, 1914
 Sky 5 - Ci Cl Cu Scat — R. Ob.
 O-hazy?

9 06 20	Shd	16.78		Air T = 18.4 C
08 00	—	16.82	- 0.04	
20	Exp	17.30	3.97 + 0.25 = 4.22	
10 00	—	21.24		
20	Shd	21.28	0.54	
12 00	—	20.74		
20	Exp	21.29	3.23 + 0.75 = 3.98	
14 00	—	24.52		<u>4.10</u>
20	Shd	24.44	0.96	
9 16 00	—	23.48		

Hygograph = 56.0 Air T = 19.5 C

Sky clearer.

LCOB

9 18 20	Shd	22.45		Air T = 19.2 C
20 00	—	21.98	0.47	
20	Exp	22.50	3.32 + 0.725 = 4.045	
22 00	—	25.82		
20	Shd	25.70	0.98	
24 00	—	24.72		
20	Exp	25.22	2.90 + 1.17 = 4.07	
26 00	—	28.12		<u>4.058</u>
20	Shd	27.94	1.36	
9 28 00	—	26.58		Air T = 20.0 C

Hygograph = 55.5

4 Belter net than
 the previous one

Feb. 13, 1914.

Oct 10.10 Am. Hygro = 53.5
 Wet B⁺ = 14.9 C.
 Dry B = ~~14.1~~ 21.1 C.

Ship 5 Circ. Scott Ocean *Scott*
 10 23 20 Shd 23.54 -0.10
 25 00 — 23.64 Air T = 22.0 C
 20 Esp 24.36 3.94 + 0.27 = 4.21
 27 00 — 28.30
 20 Shd 28.28 0.64
 29 00 — 27.64
 20 Esp 28.22 3.20 + 0.88 = 4.08
 31 00 — 31.42 4.145
 20 Shd 31.32 1.12
 10 33 00 — 30.20

Hygro = 52.5 Air T = 23.5 C

Sat. Feb. 14, 1914

Shy 4 Ci Cis Cu Scatt. PC Obs.

O clear

9 31 20 Shd 17.10 - 0.02 Air T = 18.8 C
 33 00 — 17.12
 — 20 Exp 17.40 $3.84 + 0.225 = 4.065$
 35 00 — 21.24
 — 20 Shd 21.24 0.47
 37 00 — 20.77
 — 20 Exp 21.36 $3.38 + 0.69 = 4.07$
 39 00 — 24.74 4.068
 — 20 Shd 24.67 0.91
 9 41 00 — 23.76 Air T = 21.5 C

Hygograph = 50.0

at 10:00 Hygro = 50.5
 wet B = 14.7 dry B = 21.9

Shy 3 Ci Cis Cu Scatt O clear PC Obs.
 10 23 20 Shd 19.68 0.02 Air T = 20.5 C
 25 00 — 19.66
 — 20 Exp 20.33 $3.81 + 0.42 = 4.23$
 27 00 — 24.14
 — 20 Shd 24.13 0.82
 29 00 — 23.31
 — 20 Exp 24.08 $3.30 + 0.93 = 4.23$
 31 00 — 27.38 4.23
 — 20 Shd 27.28 1.04
 10 33 00 — 26.24 Air T = 21.5 C.

Hygro = 49.5

Sun. Feb 15th 1914

Sky Clear 2 Rows

Air Temp: 19.01

9 40 20					
42 ov	Shad	17	36		
42 20	—	17	40	-.04	
44 ov	Epp	18	11		
44 20	—	21	94	3.83 + .25 =	4.08
46 ov	Shad	21	94		
46 20	—	21	40	.54	
48 ov	Epp	21	95		
48 20	—	25	30	3.35 + .785 =	4.135
50 ov	Shad	25	17		4.107
	—	24	14	.03	

Hygograph = 55.0 at 9-53 W.B. = 13.4 A.B. = 19.4 Air Temp = 20.2 C
 Sky = Clear 4 Scat Ocean Air Temp = 20.0 C

10 29 20	Shad	19	15		
31 00	—	19	15	.00	
31 20	Epp	19	90	3.82	
33 00	—	23	72	3.82 + .315 =	4.135
33 20	Shad	23	72		
35 00	—	23	09	.63	
35 20	Epp	23	70		
37 00	—	27	00	3.30 + .805 =	4.105
37 20	Shad	26	78		4.120
39 00	—	25	80	.98	

Hygograph = 54.5 at 10 41

Air Temp = 21.3 C

Mon Feb 16, 1914
 Sky 3 Cu Cir Scat P.C. Ob.
 Clear
 8 34 20 Shd 17.24 Air T = 17.2 C
 36 00 — 17.32 - 0.08
 20 Exp. 18.00 $3.48 + 0.23 = 3.71$
 38 00 — 21.48
 20 Shd 21.42 0.54
 40 00 — 20.88
 20 Exp 21.44 $3.06 + 0.72 = 3.78$
 42 00 — 24.50 3.745
 20 Shd 24.36 0.90
 8 44 00 — 23.46 Air T = 18.6 C

Hygograph = 63.0

P.C. Ob.
 Clear
 Air T = Sky 2 Cu Cir Scat
 11 05 20 Shd 25.50 - 0.06 Air T = 21.5 C
 07 00 — 25.44
 20 Exp 26.08 $3.72 + 0.36 = 4.08$
 09 00 — 29.80
 20 Shd 29.76 0.78
 11 00 — 28.98
 20 Exp 29.51 3.03 + 1.05 = 4.08
 13 00 — 32.54 4.08
 20 Shd 32.38 1.32
 11 15 00 — 31.06 Air T = 21.8 C

Hygro = 56.5 at 11.17

Hygro = 56.0

Wet B = 14.1

Dry B = 20.1

at 10.3

Wed. Feb. 18, 1914

Shy 4 Cln/Ci/Cn/Scatt.				LCOB	
8 45	20	Shd	17.30	Air T = 14.5 °C	
47	00	—	17.32	-0.02	
	20	Exp	18.00	3.62 + 0.27 = 3.89	
49	00	—	21.62		
	20	Shd	21.59	0.56	
51	00	—	21.03		
	20	Exp	21.58	3.16 + 0.78 = 3.94	
53	00	—	24.74	3.915	
	20	Shd	24.58	1.00	
8 55	00	—	23.58	Air T = 14.8 °C	

Hygrogaph = 58.5 at 8:57

LCOB

Shy 6 Cn Scatt.				Air T = 23.0 °C	
10 15	20	Shd	19.58		
17	00	—	19.78	-0.20	
	20	Exp	20.16	3.92 + 0.19 = 4.11	
19	00	—	24.08		
	20	Shd	24.08	0.48	
21	00	—	23.60		
	20	Exp	24.36	3.42 + 0.71 = 4.135	
23	00	—	27.78	0.95	
	20	Shd	27.63	4.122	
10 25	00	—	26.68	Air T = 21.5 °C	
Hygro = 63.5				at 10:28	

Hygro = 60.0
 WTB = 14.9
 DwyB = 19.3

Sat 9:50

Shy Variable
 Scatt clouds
 near Sun

Thurs Feb. 19, 1914
 Ship 3 Ci Cu S east. Ocean P.C. Ob

8 40	20	Shd	17.00	-0.06	Air T = 19.0 C
42	00	—	17.06		
	20	Exp	17.70	3.58 + 0.24	= 3.82
44	00	—	21.28		
	20	Shd	21.28	0.54	
46	00	—	20.74		
	20	Exp	21.30	3.08 + 0.74	= 3.82
48	00	—	24.38		<u>3.82</u>
	20	Shd	24.24	0.94	
8 50	00	—	23.30		Air T = 19.2 C

Hygograph = 52.5 at P. 5.2

at 9:55 Hygro = 51.5
 Wet B = 14.7 C
 Dry B = 20.9 C

Mon Feb 23, 1914

Sky 100% long clear P. C. C. C.

10	06	20	Shd	16.80	Air T = 19.5 C
	08	00	—	16.89	-0.09
		20	Exp	17.59	4.03 + 0.185 = 4.215
10	00		—	21.62	
	20		Shd	21.58	0.46
12	00		—	21.12	
	20		Exp	21.70	3.60 + 0.73 = 4.33
14	00		—	25.30	4.272
	20		Shd	25.18	1.00
10	16	00	—	24.18	Air T = 20.2 C

Hygro = 37.5 at }
 Wet B = } 10.18
 Dry B = }

10	16	20	Shd	24.00	0.76 Air T = 20.2 C
	18	50	—	23.24	
	20		Exp	23.90	3.31 + 0.99 = 4.300
20	00		—	27.21	
	20		Shd	27.50	1.22
22	00		—	26.28	
	20		Exp	26.78	2.90 + 1.355 = 4.255
24	50		—	29.68	4.278
	20		Shd	29.49	1.49
10	26	00	—	28.00	Air T = 20.6 C

Hygro = 37.0
 Wet B = 12.5
 Dry B = 20.7 } at 10.28

Tues. Feb. 24. 1914

Sky 1 Cu Long Ocean P.C. Ch

9 34 20	Shd	15.08	-0.10	Air T = 16.6 C
36 00	—	15.18		
20	Exp	15.88	3.90 + 0.21 =	4.11
38 00	—	19.72		
20	Shd	19.77	0.52	
40 00	—	19.85		
20	Exp	19.88	3.38 + 0.75 =	4.13
42 00	—	23.26		<u>4.12</u>
20	Shd	23.19	0.98	
9 44 00	—	212.21		Air T = 18.2 C

Hygro = 57.0 at 9.45

10 16 20	Shd	19.42		Air T = 21.5 C
18 00	—	19.50	-0.08	Sky 1 Cu Ch Long
20	Exp	20.20	3.92 + 0.26 =	4.18
20 00	—	24.12		
20	Shd	24.09	0.60	
22 00	—	23.49		
20	Exp	24.12	3.36 + 0.85 =	4.21
24 00	—	27.48		<u>4.195</u>
20	Shd	27.38	1.10	
10 26 00	—	26.28		Air T = 24.0 C

Hygro = 54.0 at 10.28

Hygro = 55.0

Wet B = 12.7 C

Dry B = 18.2 C

pat 10.05

copied to here

Fri. Feb. 27, 1914

Shy 5 Cts Cu Cst. Smith P.C. Obs
Ocean at start.

9 13 20 Shd 16.70 Air T = 17.5 C
15 00 — 16.74 - 0.04
20 Exp 17.47 3.67 + 0.26 = 3.93
17 00 — 21.14
20 Shd 21.10 - 0.56
19 00 — 20.54
20 Exp 21.14 3.24 + 0.78 = 4.02
21 00 — 24.38 3.965
20 Shd 24.28 1.00
9 23 00 — 23.28 Air T = 18.5 C

Hygriograph = 560 at 9.24
Wet B = 12.8
Dry B = 17.9
Hygro = 55.5 } at 9.55

✓

Tues March 3, 1914

Shy 5 Cicis Cu Sect C.C. Dr.
Clear

9 37 20 Shd 16.47 -0.02 Air T = 17.2 C

39 00 — 16.49

20 Eff 17.24 3.8.8 + 0.30 = 4.18

41 00 — 21.12

20 Shd 21.09 0.62

43 00 — 20.47

20 Eff 21.08 3.3.8 + 0.84 = 4.22

45 00 — 24.46

4.20

20 Shd 24.33 1.06

9 47 00 — 23.27

air T = 18.8 C

Hygro = 48.5

Wet B = 11.4

Dry B = 17.8

at 9:50

10 31 20 Shd 22.00 -0.10 Air T = 20.8 C

33 00 — 22.10

20 Eff 22.94 3.90 + 0.33 = 4.23

35 00 — 26.84

20 Shd 26.82 + 0.76

37 00 — 26.06

20 Eff 26.78 3.22 + 0.95 = 4.17

39 00 — 30.08

4.20

20 Shd 29.92 1.14

10 41 00 — 28.78

air T = 20.8 C

Hygro = 47.0 at 10:42

Shy 30.8
Calc
Wet.

Thurs Mar 5, 1914
P.O. Ok

Sky 5 Clear Cist Scat. O clear
9 07 20 Shd 16.60 Air T = 16.7°C
09 00 — 16.60 0.00
20 Suf 17.37 $3.84 + 0.34 = 4.18$
11 00 — 21.21
20 Shd 21.18 0.68
13 00 — 20.50
20 Suf 21.10 $3.32 + 0.90 = 4.22$
15 00 — 24.42 4.20
20 Shd 24.32 1.12
9 17 00 — 23.20 Air T = 16.8°C
Hygro = 53.5 at 9:10

P.O. Ok Sky 4 Clear Cist Scat O clear
9 42 20 Shd 18.66 Air T = 18.0°C
44 00 — 18.60 0.06
20 Suf 19.34 $3.94 + 0.34 = 4.28$
46 00 — 23.28
20 Shd 23.13 0.74
48 00 — 22.39
20 Suf 23.02 $3.36 + 0.95 = 4.31$
50 00 — 26.38 4.295
20 Shd 26.24 1.16
9 52 00 — 25.08 Air T = 23.0°C
Hygro = 48.5 } 9:50 A
Wet B = 16.7
Dry B = 19.5

Friday March 6, 1914
 Sky 4 Ci Ci Ci Scatt RC Obs
 ☉ Clear

P 32 20 Shd 16.32 -0.04 Air T = 16.6 C
 34 00 — 16.36
 20 Exp 17.06 3.69 + 0.275 = 3.965
 36 00 — 20.75
 20 Shd 20.72 0.59
 38 00 — 20.13
 20 Exp 20.75 3.20 + 0.795 = 3.995
 40 00 — 23.95
 20 Shd 23.80 1.00
 42 00 — 22.80 Air T = 17.4 C

Hygriograph = 51.0 at 8.43

Phy 3 Ci Ci Scatt RC Obs
 9 12 20 Shd 18.30 Air T = 17.4 C
 14 00 — 18.26 0.04
 20 Exp 18.93 3.77 + 0.35 = 4.12
 16 00 — 22.70
 20 Shd 22.69 0.66
 18 00 — 22.03
 20 Exp 22.64 3.27 + 0.87 = 4.14
 20 00 — 25.91
 20 Shd 25.98 1.08
 9 22 00 — 24.90 Air T = 19.4 C

Hygriograph = 49.5 at 9.23

Hygro = 47.5
 Wet B = 19.6 C
 Dry B = 11.8 C } 9.53

March 6, 1914
 Sky 2 Ci Ashby. L.C. Alb

10 08 20 Shd 19.25 0.03 air T = 14°C

10 00 — 19.22

20 Eff 19.92 3.86 + 0.335 = 41.95

12 00 — 23.78

20 Shd 23.74 0.64

14 00 — 23.10

20 Eff 23.68 3.34 + 0.86 = 42.0

16 00 — 27.02

20 Shd 26.91 1.08

10 15 00 — 25.83 air T = 22.2°C

Hygograph = 47.5 at 10.20

Sat. March 7, 1914

Shy 2 C. C. S. long. P. C. Alb.

9 07 20	Shd	16.24		Air T = 17.3 C
09 00	—	16.30	-0.06	
20	Eff	16.92	3.93 + 0.27	= 4.20
11 00	—	20.85		
20	Shd	20.80	0.60	
13 00	—	20.20		
20	Eff	20.82	3.40 + 0.81	= 4.21
15 00	—	24.22		<u>4.205</u>
20	Shd	24.32	1.02	
9 17 00	—	23.30		Air T = 18.8 C

Hygograph = 50.0 at 9:10 A

Shy 2 C. C. S. long. P. C. Alb.

16 29 20	Shd	17.94		Air T = 19.5 C.
31 00	—	18.00	-0.02.	
20	Eff	18.72	4.00 + 0.31	= 4.31
33 00	—	22.72		
20	Shd	22.70	0.64	
35 00	—	22.06		
20	Eff	22.70	3.49 + 0.85	= 4.34
37 00	—	26.19		<u>4.325</u>
20	Shd	26.04	1.06	
10 39 00	—	24.98		Air T = 21.5 C.

Hygro = 41.5 at 10:40

Hygro = 48.0
 wet B = 12.6
 dry B = 19.8 } at 10:05

Tues. March 10, 1914

Shy 2 Cu Cils Scatt \odot clear L.C. Ob

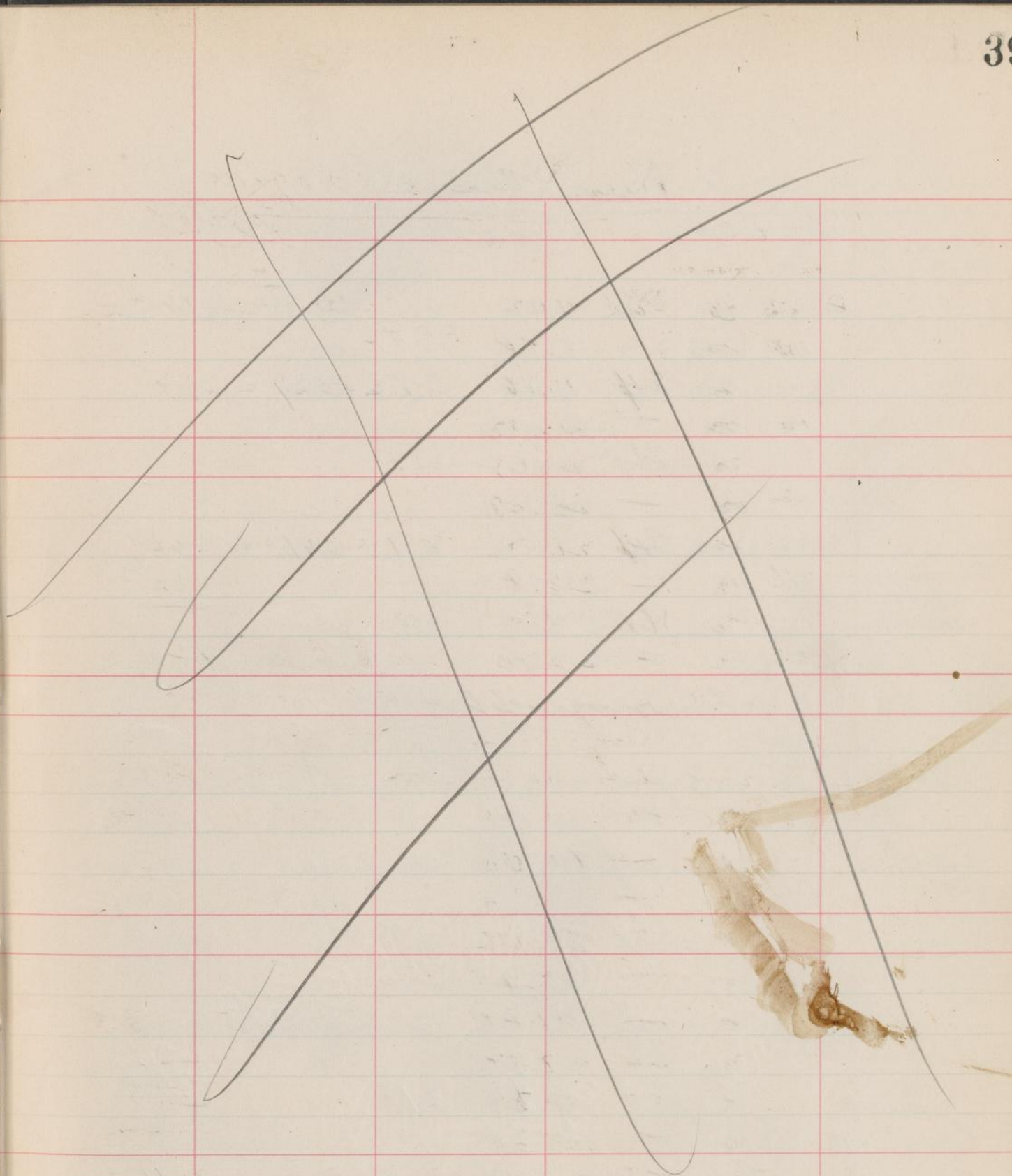
8 56 20 Shd 16.42 Air T = 17.0 C
 58 00 — 16.48 - 0.06
 20 Eff 17.10 $3.62 + 0.27 = 3.89$
 9 00 00 — 20.72
 20 Shd 20.69 - 0.60
 02 00 — 20.09
 20 Eff 20.70 $3.18 + 0.078 = 3.26$
 04 00 — 23.88 3.925
 20 Shd 23.66 0.96
 9 06 00 — 22.70 Air T = 17.0 C

Hygrogroph = 58.0 at 9:00

Shy 2 Cu Cils Scatt \odot clear L.C. Ob.
 10 04 20 Shd 18.10 Air T = 18.6 C
 06 00 — 18.06 0.04
 20 Eff 18.78 $3.68 + 0.31 = 3.99$
 08 00 — 22.46
 20 Shd 22.45 0.58
 10 00 — 21.87
 20 Eff 22.50 $3.30 + 0.77 = 4.07$
 12 00 — 25.80 4.03
 20 Shd 25.62 0.96
 10 14 00 — 24.66 Air T = 20.4 C

Hygro = 51.0 at 10:15

Hygro = 52.0
 Wet B = 20.1 } at 10:00
 Dry B = 12.7



Sun March 15, 1914

Sky clear

P.C.B.

9 12 20 Shd 16.52 Air T = 19.0 C
 14 00 — 16.56 - 0.04
 20 Suf 17.28 $3.72 + 0.28 = 4.00$
 16 00 — 21.00
 20 Shd 21.00 - 0.60
 18 00 — 20.40
 20 Suf 21.00 $3.19 + 0.83 = 4.02$
 20 00 — 24.19 4.01
 20 Shd 24.10 1.06
 9 22 00 — 23.04 Air T = 19.0 C

Hygograph = 53.0 at 9.24
 Sky P.C. very. P.C.B.

10 16 20 Shd 21.78 Air T = 21.2 C
 18 00 — 21.87 - 0.09
 20 Suf 22.50 $3.82 + 0.25 = 4.070$
 20 00 — 26.32
 20 Shd 26.32 0.59
 22 00 — 25.73
 20 Suf 26.33 $3.15 + 0.875 = 4.025$
 24 00 — 29.48 4.048
 20 Shd 29.38 1.16
 10 26 00 — 28.22 Air T = 21.0 C

Hygograph = 51.0 at 10.28

Hygro = 52.0
 Wet B. = 130
 Dry B. = 19.9 } at 9.55

Mon March 16, 1914 ✓
 Sky = clear.

L.C. Obs

8 55	20	Shd	1600	Air T = 16.0 C
37	00	—	1603	- 0.03
	20	Exp	1676	$3.67 + 0.285 = 3.955$
59	00	—	20.43	
	20	Shd	20.42	0.60
9 01	00	—	19.82	
	20	Exp	20.38	$3.20 + 0.815 = 4.015$
03	00	—	23.58	<u>3.98</u>
	20	Shd	23.45	1.03
9 05	00	—	22.42	Air T = 16.0 C

Hygograph = 56.0 9:06

Sky clear

10 25	20	Shd	17.30	Air T = 18.6 C
27	00	—	17.30	0.00
	20	Exp	18.02	$3.91 + 0.31 = 4.22$
29	00	—	21.93	
	20	Shd	21.90	0.62
31	00	—	21.28	
	20	Exp	21.88	$3.34 + 0.82 = 4.16$
33	00	—	25.22	<u>4.19</u>
	20	Shd	25.10	1.02
10 35	00	—	24.08	Air T = 19.5 C

Hygro = 55.0 at 10.36

Hygro = 56.0 } 9.45
 Wt B = 11.6
 Dry B = 17.2

Wed. March 18, 1914

Sky 2 in horz.

P.C. 062

8 54 20 Shd. 15.70 Air T = 15.2 C
 58 3 00 — 15.72 - 0.02
 20 Exp. 16.42 $3.66 + 0.275 = 3.935$
 55 5 00 — 20.08
 20 Shd. 20.03 0.57
 58 8 00 — 19.46
 20 Exp. 20.05 $3.13 + 0.79 = 3.92$
 59 9 00 — 23.18 3.928
 20 Shd. 23.09 1.01

9 04 00 — 22.08 Air T = 16.4 C

Hygograph = 51.0 at 9.05

Hygograph = 50.0
 Unit B = 12.2 } at 10.03
 Dry B = 18.4

P.C. 062

Sky 2 in Cln
S. cast.

10 23 20 Shd. 17.64 Air T = 18.6 C
 25 00 — 17.64 0.00
 20 Exp. 17.72 $3.66 + 0.39 = 4.05$
 27 00 — 21.38
 20 Shd. 21.36 0.78
 29 00 — 20.58
 20 Exp. 21.12 $3.16 + 0.85 = 4.01$
 31 00 — 24.28 4.03
 20 Shd. 24.14 0.92
 10 33 00 — 23.22 Air T = 19.6 C

Hygograph = 51.0 at 10.34

Measured in air
 with barometer
 monitor

March 18, 1914
 Sky 2 Cln Cn Scatt.

LCB

11 04 20	shd	19.38	Air T = 19.0 C
06 00	—	19.32	0.06
20	exp	19.90	$3.73 + 0.33 = 4.06$
08 00	—	2.363	
20	shd	2 3.5A	0.60
10 00	—	2 2.9A	
20	exp	2 3.4A	$3.20 + 0.85 = 4.05$
12 00	—	2 6.6A	<u>4.055</u>
20	shd	2 6.52	1.10
11 14 50	—	2 5.42	Air T = 20.2C
Hygro = 540 at 11.15			

Thurs. March 19, 1914

Sky 2 cu cir, Scat
O clear

L.C. Ch

8 35-20 Shd 16.04 Air T = 16.2 C

37 00 — 16.06 - 0.02

20 Exp 16.78 $3.50 + 0.265 = 3.765$

39 00 — 20.28

20 Shd 20.27 0.55

41 00 — 19.72

20 Exp 20.26 3.12 $+ 0.735 = 3.855$

43 00 — 23.38

3.81

20 Shd 23.22 0.92

8 45-00 — 22.28 Air T = 16.4 C

Hygograph = 520 at 8:46

Hygro = 490

Wet B = 131

Dry B = 197

at 9:55

Sun. Mar. 22, 1914
 Sky 3 cu cl Scatt. Clear.
 P. C. C.

1 32	20	Shd.	18.08	Air T = 21.8 C
34	00	—	18.08	0.00
	20	Eff	18.88	$3.80 + 0.21 = 4.01$
36	00	—	22.68	
	20	Shd	22.70	0.42
38	00	—	22.28	
	20	Eff	22.88	$3.31 + 0.66 = 3.97$
40	00	—	26.19	<u>3.99</u>
	20	Shd	26.12	0.90
1 42	00	—	25.22	Air T = 20.5 C

Hygograph = 55.0 at 1.43.

Wet B = 13.1
 Dry B = 18.9
 Hygro = 57.0 } at 10.00 AM

Wed Mar 25, 1914
 Sky 2 Cu Clu East LCCBe
 Clear

9 22 20 Shd 16.2 Air T = 17.7 C
 24 00 — 16.4 - 0.04
 20 Suf 17.51 3.65 + 0.24 = 3.89
 24 00 — 21.16
 20 Shd 21.14 0.52
 24 00 — 20.62
 20 Suf 21.20 3.22 + 0.68 = 3.90
 30 00 — 24.42 3.895
 20 Shd 24.30 0.84
 9 32 00 — 23.46 Air T = 18.6 C

Hygrogroph = 54.5 at 9 33

Hygro = 54.5
 Wet B = 13.7 C at 9:50
 Dry B = 20.1 C

Sky 2 Cu Clu
 Scat hazy.
 Clear

10 17 20 Shd 19.26 Air T = 19.6 C
 19 00 — 19.24 + 0.02
 20 Suf 19.94 3.64 + 0.33 = 3.97
 21 00 — 23.58
 20 Shd 23.54 0.64
 23 00 — 22.90
 20 Suf 23.44 3.24 + 0.85 4.09
 25 00 — 26.68 4.03
 20 Shd 26.56 1.06
 10 27 00 — 25.50 Air T = 20.4 C
 Hygro = 53.0 at 10.28

Thurs Mar 26th 1914

H. O. C. B.

Sky Cu Cu 4 Scat Ocean

Air Temp: 18.4°C

9 19 20 Shad 16.97

21 00 — 17.03 - 0.06

21 20 Eup 17.70

23 00 — 21 37 3.67 + .23 = 3.90

23 20 Shad 21 31

25 00 — 20 50 .57

25 20 Eup 21 42

27 00 — 24 60 3.18 + .725 = 3.905

27 20 Shad 24 57

29 00 — 23 63 4.06

3.90

Hygriograph = 51.5 at 9.51

Air Temp = 20.1°C

W.B. = 13.4°C D.B. = 20.1°C

Sky Cu Cu 6 Scat Ocean

Air Temp 19.5°C

10 47 20 Shad 18.75

49 00 — 18.75 00

49 20 Eup 19 47

51 00 — 23 21 3.74 + .285 = 4.025

51 20 Shad 23 19

53 00 — 22 62 .57

53 20 Eup 23 20

55 00 — 26 48 3.28 + .77 = 4.0555 20 Shad 26 39 4.04

57 00 — 25 42 .97

Hygriograph = 50.0 at 11.00

Air Temp 20.2°C

Fri Mar 27, 1914

Sky 2 Cir Cir Scattered RCB
 ☉ clear

8 40 20 Shd 16.46 Air T = 17.0 C

42 00 — 16.50 — 0.04

20 Eff 17.14 $3.64 + 0.28 = 3.92$

44 00 — 20.78

20 Shd 20.78 0.60

46 00 — 20.18

20 Eff 20.78 $3.04 + 0.99 = 3.83$

48 00 — 23.82

3.875

20 Shd 23.82 0.98

8 50 00 — 22.84 Air T = 19.2 C

Hygograph = 58.0 at 8 51

Sky 2 Cir long ☉ clear RCB

9 45 20 Shd 18.34 Air T = 19.0 C

47 00 — 18.32 0.02

20 Eff 19.01 $3.71 + 0.30 = 4.01$

49 00 — 22.72

20 Shd 22.70 0.58

51 00 — 22.12

20 Eff 22.68 $3.28 + 0.79 = 4.07$

53 00 — 25.96

4.04

20 Shd 25.88 1.00

9 55 00 — 24.88 Air T = 22.4 C

Hygro = 52.5

Wet B = 13.4 C 9 50

Dry B = 20.5 C

Sat Mar 28, 1914

P.C. Ch

Sky 2 Clear Scott

Clear

9 15 20 Shd 16.75 Air T = 16.6 C

17 00 — 16.78 - 0.03

20 Eff 17.40 3.76 + 0.29 = 4.05

19 00 — 21.16

20 Shd 21.15 0.61

21 00 — 20.54

20 Eff 21.11 3.24 + 0.78 = 4.02

23 00 — 24.35

20 Shd 24.24 0.95

9 25 00 — 23.29 Air T = 18.4 C

Hygograph = 510 at 9.27

Wet B = 12.5 C

Dry B = 19.2 C at 9.55

Hygro = 50.5

10 10 20 Shd 18.90 Air T = 19.0 C

12 00 — 18.90 0.00

20 Eff 19.60 3.78 + 0.32 = 4.10

14 00 — 23.34

20 Shd 23.37 0.64

16 00 — 22.73

20 Eff 23.28 3.28 + 0.84 = 4.12

18 00 — 26.56

20 Shd 26.46 1.04

0 20 00 — 25.42 Air T = 20.7 C

Hygograph = 480 at 10.20

Sky 3 Clear
Clear
Scott

C. Chere

Mon. March 30, 1914

Sky 3 Cils in Scatt

P.C. db

9 01 20 Shd 16.62 - 0.06 Air T = 17.0 C

03 — 16.62

Exp 17.31 3.67 + 0.235 = 3.905

05 — 20.98

Shd 20.97 0.53

07 — 20.44

Exp 20.98 3.30 + 0.745 = 4.045

09 — 20.24

3.975

Shd 24.18 0.96

9 11 00 — 23.22 Air T = 18.0 C

Hygro = 51.0 at 9.12

Sky 3 Cils in Scatt.

9 25 20 Shd 20.24 Air T = 18.0 C

27 — 20.18 0.06

Exp 20.82

29 — 24.48 3.66 + 0.36 = 4.02

Shd 24.40

31 — 23.74 0.66

Exp 24.30 3.12 + 0.87 = 3.99

33 — 27.42

4.005

Shd 27.28 1.08

9 35 00 — 26.20 Air T = 18.0 C

Hygro = 50.0 at 9.35

Hygro = 47.5

Wet B = 12.4

Dry B = 19.6

C at 10:00

C

March 30, 1944

Sky 3 Ci Cir An-Scatt. PC Ob

10 04 20	Shd	20.53	Air T =	18.4 C
06	—	20.45	0.08	
08	sup	21.11	3.71 + 0.40 =	4.11
		24.82		
	Shd	24.80	0.72	
10	—	24.08		
	sup	24.60	3.17 + 0.91 =	4.08
12	—	27.77		<u>4.095</u>
	Shd	27.62	1.10	
10 14 00	—	26.52		Air T = 19.4 C.

Hygograph = 46.0 at 10 15

Sky 2 Ci Cir Scatt.

10 40 20	Shd	21.44	Air T =	19.6 C
42		21.32	0.12	
		21.93	3.73 + 0.42 =	4.15
44		25.66		
		25.59	0.72	
46		24.47	+0.95 =	4.05
		25.38	3.10	<u>4.10</u>
48		28.48		
		28.40	1.18	
10 50 00		27.22		Air T = 20.4 C

Hygro = 48.0 at 10.50

Tues Mar 31, 1914

Sky 2 Cu Cir Scat PCOBs
O clear

8 31 20 Shd 16.70 Air T = 16.2 C
33 00 — 16.74 - 0.04
20 Exp 17.40 $3.58 + 0.265 = 3.845$
35 00 — 20.98
20 Shd 20.99 0.57
37 00 — 20.42
20 Exp 21.00 $3.11 + 0.80 = 3.910$
39 00 — 24.11 3.875
20 Shd 24.00 1.03
8 41 00 — 22.97 Air T = 16.0 C

Hygriograph = 52.5 at 8.42

Sky 2 Cu Cir Scat O clear

9 17 20 Shd 18.24 Air T = 17.6 C
19 00 — 18.22 + 0.02
20 Exp 18.91 $3.68 + 0.33 = 4.01$
21 00 — 22.59
20 Shd 22.58 0.64
23 00 — 21.94
20 Exp 22.52 $3.18 + 0.44 = 4.02$
25 00 — 25.70 4.015
20 Shd 25.59 1.04

9 27 00 — 24.55 Air T = 18.0 C
Hygriograph = 47.5 at 9.28

Hygro = 44.5
Wet B = 120 C at 9.45
Dry B = 199 C

Mar. 31, 1914

Shy 5 in Ciel.
NE, East & South.

O'Leary

R. O. O'Leary

1 45 20	Shd	18.78	Air T = 21.4 C
47 00		18.86	- 0.08
20	Shd	19.44	3.74 + 0.21 = 3.95
49 00		23.28	
20	Shd	23.26	0.50
51 00		22.76	
20	Shd	23.35	3.20 + 0.72 = 3.92
53 00		26.55	
20	Shd	26.49	0.94
1 55 00		25.55	Air T = 24.0 C
Hygro = 52.2 at 1:56			

C. for C.

Sat April 4, 1914

Sky hazy ^{2 ci cir South} ~~2 ci cir~~ P.C. Obs.

8 15	20	Shd	15.85	Air T = 15.6 C
17	00	—	15.90	- 0.05
	20	Exp	16.58	$3.52 + 0.27 = 3.79$
19	00	—	20.10	
	20	Shd	20.09	0.59
21	00	—	19.50	
	20	Exp	19.70	$3.10 + 0.745 = 3.845$
23	00	—	22.80	<u>3.812</u>
	20	Shd	22.70	0.90
8 25	00	—	21.80	Air T = 16.2 C

Hygrogaph = 53.5 at 8:26

Sky 2 ci cir horz. 0 clear

Air Temp. 18.0 C
P.C. Obs.

9 18	20	Shad	17.88	
20	00	—	17.88	00
20	20	Exp	18.50	
22	00	—	22.20	$3.70 + 0.30 = 4.00$
22	40	Shad	22.20	
24	00	—	21.60	.60
24	20	Exp	22.29	
26	00	—	25.80	$3.21 + .80 = 4.01$
26	20	Shad	25.28	<u>4.005</u>
28	00	—	24.28	1.00

Hygrogaph = 47.5 9:36

W.B. = 10.6 R.B. = 18.4

Air Temp 18.0 C

Cs

Sat. April 7th 1914

55

No Obs

Air Temp 19.8C

Sky a.c. 3 Sea clear

10 26 20 Shad 18 45

28 00 — 18 45 00

28 20 Exp 19 20

30 00 — 22 93 $3.73 + .295 = 4.025$

30 20 Shad 22 90

32 00 — 22 31 .59

32 20 Exp 22 92

34 00 — 26 23 $3.317 + .785 = 4.102$

34 20 Shad 26 12 4.06

36 00 — 25 14 .98

Hygograph = 45.0 at 10.40 AM

Air Temp = 22.0C

C

Sun April 5, 1914

Sky 3 c. cis thin sun
O clear

LCB

8 24 20 Shd 16.14 Air T = 15.8 C
 26 00 — 16.16 - 0.02
 20 Exp 16.82 $3.68 + 0.255 = 3.935$
 28 00 — 20.50
 20 Shd 20.46 0.53
 30 00 — 19.93
 20 Exp 20.49 $3.14 + 0.765 = 3.905$
 32 00 — 23.63 3.92
 20 Shd 23.53 1.00
 8 34 00 — 22.53 Air T = 16.1 C

Hygograph = 48.5 at 8 35

Sky 0

HCB

9 24 20 Shad 18.90 Air Temp 19.6 C
 26 00 — 19.04 - .14
 26 20 Exp 19.78
 28 00 — 23.68 $3.90 + .19 = 4.09$
 28 20 Shad 23.61
 30 00 — 23.09 .52
 30 20 Exp 23.71
 32 00 — 27.00 $3.29 + .76 = 4.05$
 32 20 Shad 26.90 4.07
 34 00 — 25.90 1.00

Hygograph: 44.5 at 9.50 am

WB = 10.9 DB = 19.5

Air Temp = 20.02

C

Sun April 5th 1914

57

10 23 20 Shad 18 53

25 00 — 19 50 .03

25 20 Exp 20 10

27 00 — 23 42 3.32 + 30 = 3.60

27 20 Shad 23 45

29 00 — 22 88 .57

29 20 Exp 23 43

31 00 — 26 52 3.09 + 785 = 3.875

31 20 Shad 26 42

33 00 — 25 42 1.00

Hygograph:

Air Temp = 18.3°C

Temp = 22.0°C

10 39 20 Shad 23 78 28 04 .66

40 37 00 — 23 80 25 38 .76

41 37 20 Exp 24 35 25 75

43 39 00 — 27 25 28 90 3.15 7.99 = 4.07

43 39 20 Shad 28 80

45 41 00 — 27 62 1.18

45 20 Exp 28 15

47 00 — 30 98 2.83 + 1335 = 4.165

47 20 Shad 30 77

49 00 — 29 28 1.49

Hygograph: 43.0 at 10.50

Temp 23.3°C

C

April 5th 1914Sky / Air long Ocean *Bob*

1 42 20 Shd 18.38 Air T = 20.4 C
 44 00 — 18.43 - 0.05
 20 Exp 19.00 3.90 + =
 46 00 — 22.90
 20 Shd 22.88
 48 00 — 2
 20 Exp 2
 50 00 — 2
 20 Shd 2
 1 52 00 — 2 Air T = C

1 47 20 Shd 23.82 Air T = 21.8 C
 49 00 — 23.22 0.60
 20 Exp 23.84 3.24 + 0.85 = 4.09
 51 00 — 24.08
 20 Shd 26.96 1.10
 53 00 — 25.86
 20 Exp 26.31 2.91 + 1.21 = 4.12
 55 00 — 29.22 4.105
 20 Shd 29.07 1.32
 1 57 00 — 27.75 Air T = 22.2 C
 Hygro = 48.5 at 2:00

April 5, 1914

Phys / Air Log L. C. Wells

Sun clear

3 05 20 Shd 20.47 Air T = 21.0 C

07 00 — 20.48 -0.01

20 Exp 21.00 $3.54 + 0.265 = 3.805$

09 00 — 24.54

20 Shd 24.50 0.54

11 00 — 23.96

20 Exp 24.38 $1.09 + 0.75 = 3.84$

13 00 — 27.47

20 Shd 27.39 0.96

3 15 00 — 26.43 Air T = 21.6 C

Hygograph = 48.5 at 3:16

C

Monday April 6th 1914

Sky 0

hocks

Temp = 18.0 C

9	27	W	Shad	16	60	
	29	00	—	16	70	.10
	29	20	Exp	17	37	
	31	00	—	21	28	3.91 + 2.25 = 4.135
	31	20	Shad	21	25	
	33	00	—	20	70	.55
	33	20	Exp	21	34	
	35	00	—	24	66	3.32 + .80 = 4.12
	35	20	Shad	24	55	4.127
	37	00	—	23	60	1.05

Hygograph = 43.0 at 9.46 AM

W.B. = 10.6

D.B. = 19.2

Temp 19.6 C

Air Temp = 20.0 C

10	26	W	Shad	18	74	
	28	00	—	18	74	00
	28	20	Exp	19	50	
	30	00	—	23	32	3.82 + .31 = 4.13
	30	20	Shad	23	30	
	32	00	—	22	68	.62
	32	20	Exp	23	32	
	34	00	—	26	63	2.31 + 8.53 = 4.165
	34	20	Shad	26	51	4.147
	36	00	—	25	42	1.09

Hygograph = 42.0 at 10.40

Air Temp 21.8 C

C

Tues April 7, 1914

Sky 2 in Cir Scatt

Clear

L.C. Ch

1	23	20	Shd	18.10	Air T =	20.8	C.
	25	00	—	18.18	-0.08		
		20	Exp	18.88	3.86	+0.235 =	4.095
2)	00			22.74			
	20		Shd	22.76	0.55		
	29	00	—	22.21			
		20	Exp	22.82	3.37	+0.75 =	4.12
3)	00		—	26.19			
		20	Shd	26.09	0.95		
1	33	00	—	25.14	Air T =	21.8	C.

4.108

Hygrogaph 49 dat 1.35

Wet B = 12.3 C. Dry B = 19.8 C.

Wed. April 8, 1914

Sky = 3 C.C.S East & North. P.C. Obs
Clear

8 24 20	Shd	16.40	Air T = 16.4 C
26 00	—	16.42	-0.02
20	Exp	17.10	3.64 + 0.28 = 3.92
28 00	—	20.74	
20	Shd	20.78	0.58
30 00	—	20.20	
20	Exp	20.72	3.20 + 0.80 = 4.00
32 00	—	23.92	396
20	Shd	23.89	1.02
8 34 00	—	22.87	Air T = 16.0 C

Hygrogroph = 47.5 at 8.35

Sky = 3 C.C.S North + East

10 04 20	Shad	17 64	
06 00	—	17 68	-0.04
06 20	Exp	18 50	
08 00	—	22 32	3.82 + .275 = 4.095
08 20	Shad	22 31	
10 00	—	21 72	.59
10 20	Exp	22 36	
12 00	—	25 71	3.35 + .80 = 4.15
12 20	Shad	25 59	4.122
14 00	—	24 58	1.01

Hygrogroph = 41.5 at 10:15
W. 83 = 10.6 DB = 19.4

Air Temp = 21.0 C

C

Friday April 10, 1914
 Sky 2 Ci Cst Scat L.C. Ch.
 Clear

8 48 20 Shd 15.95 Air T = 15.4 C
 50 00 — 15.98 - 0.03
 20 Exp 16.72 $3.69 + 0.245 = 3.935$
 52 00 — 20.41
 20 Shd 20.40 0.62
 54 00 — 21.78
 20 Exp 20.23 $3.12 + 0.82 = 3.94$
 56 00 — 23.35
 20 Shd 23.29 1.02
 58 00 — 22.27 Air T = 15.4 C

Hygograph = 58.5 at 9.00

Sky 2 Ci Cu Ci Scat Clear L.C. Ch.
 10 11 20 Shd 17.08 Air T = 17.5 C
 13 00 — 17.10 - 0.02
 20 Exp 17.77 $3.83 + 0.30 = 4.13$
 15 00 — 21.60
 20 Shd 21.66 0.62
 17 00 — 21.64
 20 Exp 21.52 $3.38 + 0.82 = 4.20$
 19 00 — 24.90
 20 Shd 24.80 1.02
 10 21 00 — 23.78 Air T = 20.0 C

Hygograph = 45.0 at 10.22

Wet B 10.1 C

Dry B 17.4 C

Hygro 48.0

at 9.55

Sat. April 11, 1914

Sky 1 Cu hazy
hazy near sun

PC

8 50	20	Shd	16.10		
52	00	—	16.12	-0.02	Air T = 16.4 C
	20	Exp	16.80	$3.54 + 0.265 = 3.805$	
54	00	—	20.34		
	20	Shd	20.35	0.55	
56	00	—	19.20		
	20	Exp	20.29	$3.03 + 0.78 = 3.81$	
58	00	—	23.32		<u>3.808</u>
	20	Shd	23.25	1.01	
9 00	00	—	22.24		Air T = 16.6 C

Hygrogroph = 60.5 at 9:01

1 Cu	1 Cu	hazy	Oclear	PC
9 54	20	Shd	17.47	Air T = 18.2 C
56	00	—	17.48	-0.01
	20	Exp	18.12	$3.69 + 0.305 = 3.995$
58	00	—	21.21	
	20	Shd	21.24	0.62
10 00	00	—	21.22	
	20	Exp	21.81	$3.20 + 0.82 = 4.02$
02	00	—	25.01	
	20	Shd	24.91	1.02
10 04	00	—	23.89	
				Air T = 21.2 C

Hygrogroph = 53.0 at 10.05

✓

Hygros = 53.3
 wet B = 11.1 C
 dry B = 17.8 C
 at 9.45

Sat April 11th 1914

65

Sky Clear & Scott

Air Temp = 20.0 C

10 31 20	Shad 19 81
33 00	— 19 55 - 0.6
33 20	Egg 20 43
35 00	— 24 15.3.72 + 2.85 = 4.005
35 20	Shad 24 12
37 00	— 23 49 .63
37 20	Egg 24 10
39 00	—
39 20	Shad
41 00	—

Too cloudy to continue

Hygograph =

Air Temp =

C

Sun. April 12th 1914

Sky Clear & Scatt Ocean

Air Temp = 12.3 C

A. P. C. C.

9 23 20	Shad	16 38	
25 00	—	16 43	- .05
25 20	Shf	17 10	
29 00	—	20 88	$3.78 + .215 = 3.995$
29 20	Shad	20 87	
29 00	—	20 29	.58
29 20	Shf	20 92	
31 00	—	24 15	$3.23 + \frac{77}{81} = 4.00$
31 20	Shad	24 10	$\frac{4.017}{3.997}$
33 00	—	23 14	$\frac{96}{104}$

Hygrogograph = 44.0 at 9.36 Air Temp = 19.8 C

Sky 3 Clear Scatt Ocean L.C.C.

1 32 20	Shd	18.20	Air T = 20.3 C
34 00	—	18.28	- 0.02
20	Shf	18.9A	$3.84 + 0.225 = 4.125$
36 00	—	22.82	
20	Shd	22.82	0.53
38 00	—	22.29	
20	Shf	22.81	$3.39 + 0.775 = 4.165$
40 00	—	26.20	$\frac{4.145}{4.145}$
20	Shd	26.12	1.02
1 42 00	—	25.10	Air T = 22.0 C

Hygrogograph = 44.5 at 1.43

C

at 9.50
Wet B = 10.2 C
Dry B = 19.7 C
Hygrogograph = 43.9

Tues. April 14, 1914

Sky 2 cir in Scatt by H.C. Abbe

Windy.

127 20	Shd	18.28	air T = 20.8 C
29 00	—	18.32	-0.04
20	Exp	19.02	$3.23 + 0.265 = 4.095$
31 00	—	22.25	
20	Shd	22.29	0.57
33 00	—	22.32	
20	Exp	22.92	$3.28 + 0.765 = 4.045$
35 00	—	26.20	
20	Shd	26.12	0.96
37 00	—	25.16	Air T = 24.4 C

Hygograph = 47.5 at 1.30

Sky 1 cir in Scatt

H.C. Abbe
Air Temp = 21.0

3 22 20	Shad	19.55	
24 00	—	19.57	-0.02
24 20	Exp	20.18	
26 00	Exp	23.20	$3.02 + 0.265 = 3.285$
26 20	Shad	23.18	
28 00	—	22.63	.55
28 20	Exp	23.46	
30 00	—	25.90	$1.49 + 0.745 = 2.235$
30 20	Shad	25.77	3.26
32 00	—	24.83	.94

Hygograph = 57.0 at 3.34

Air Temp = 22.0 C

C

Wednesday April 15th 1914

W.C. Calkins

Sky Clear 2800 ft

Air Temp -16.3C

9 21 20 Shad 15 60

23 00 — 15 63 - 0.3

23 20 Exp 16 32

25 00 — 20 30 $3.98 + .27 = 4.25$

25 20 Shad 20 20

27 00 — 19 63 .57

27 20 Exp 20 25

29 00 — 23 60 $3.45 + .81 = 4.26$

29 20 Shad 23 47 4.255

31 00 — 22 42 1.05

Hygriograph = 53.0 at 9.30 Air Temp 18C

W.B. = 10.9

R.B. = 16.4

Hygro = 53.0 at 10.00

Sky Clear

1 45 20 Shd 17.69

Air T = 18C

47 00 — 17.73 - 0.04

20 Exp 18.47 $3.83 + 0.275 = 4.105$

49 00 — 22.30

20 Shd 22.37 0.59

51 00 — 21.78

20 Exp 22.38 $3.28 + 0.85 = 4.13$

53 00 — 25.66

4.118

20 Shd 25.92 1.11

1 55 00 — 24.81

Air T = 20.0C

Hygriograph = 50.1

C

Thurs. April 16, 1914

Sky 1 in long. P.C. Obs.

1	36:20	Shd	17.58	Air T = 19.2 C
	38:00	—	17.64 - 0.06	
	20	Exp	18.34	3.85 + 0.25 = 4.10
	40:00	—	22.19	
	20	Shd	22.19	0.56
	42:00	—	21.63	
	20	Exp	22.20	3.38 + 0.76 = 4.16
	44:00	—	25.58	4.13
	20	Shd	25.52	1.00
1	46:00	—	24.52	Air T = 21.0 C.

Hygograph = 42.0 at 1.47

Fri April 17, 1914

Sky 1, An hour LCCB
O clear

1 22 20 Shad 17.44 Air T = 19.0C

24 00 — 17.52 — 0.0A

20 Exp 18.19 3.41 + 0.22 = 4.03

28 00 — 22.00

20 Shad 21.99 0.52

28 00 — 21.47

20 Exp 22.08 3.32 + 0.72 = 4.04

30 00 — 25.40 4.035

20 Shad 25.30 0.92

1 32 00 — 24.38 Air T = C

Hygriograph = 45.0 at 1:33

Wet B = 11.8C

Dry B = 19.7C

Sky 2 Culu horz. Windy

100 lbs

3 49 20 Shad 19.50

Air Temp = 19.5C

51 00 — 19.50 00

57 20 Exp 20.16

53 00 — 23.50 3.40 + 30 = 3.70

53 20 Shad 23.45

55 00 — 22.85 .60

55 20 Exp 23.41

59 00 — 26.28 2.87 + 7.85 = 3.655

59 20 Shad 26.16 3.677

59 00 — 25.19 9.90

Hygriograph 47.0 at 3.02

Air Temp = 20.2 C

~~Thursday~~
Wednesday April 22nd 1914

Shy clear

Air Temp = 24.3 C

W.P.O.B.

1 17 20	Shad	18 82	
19 00	—	18 91	.09
19 20	Exp	19 70	
21 00	—	23 66	3.96 + .21 = 4.17
21 20	Shad	23 62	
23 00	—	23 11	.51
23 20	Exp	23 80	
25 00	—	27 22	3.42 + .74 = 4.16
25 20	Shad	27 09	4.165
27 00	—	26 12	.97

Hygograph = 47.0 at 1.30 pm

Air Temp. 30.7 C

W.B. = 12.2

A.B. = 20.5

Shy 0

3 27 20	Shad	20 40	
29 00	—	20 44	.04
29 20	Exp	21 25	
31 00	—	24 59	3.34 + .23 = 3.57
31 20	Shad	24 56	
33 00	—	24 06	.50
33 20	Exp	24 62	
35 00	—	27 60	2.98 + .725 = 3.705
35 20	Shad	27 55	7.275
37 00	—	26 60	.95 3.637

Air Temp = 23.0 C

28.0 C

Hygograph:

Saturday April 25th 1914

Sky 0

H. 10.00

Air Temp = 18.5 C

9	20	20	Shd	16	60	
22	00	—		16	67	04
22	20	Exp		17	36	
24	00	—		20	17	$3.81 + 270 = 9.08$
26	20	Shd		21	06	
26	00	—		20	48	58
26	20	Exp		21	06	
28	00	—		24	25	$3.19 + 795 = 3985$
28	20	Shd		24	12	4.032
30	00	—		23	11	101

Hygograph = 43.0

W. B. = 9.0C / R. B. = 17.6C

at 9.56

Air Temp = 19.0 C

Sky 0

H. 10.00

10	10	20	Shd	18	38	Air T = 19.5 C
12	00	—		18	38	0.00
	20	Exp		19	02	$3.86 + 0.35 = 4.21$
14	00	—		22	88	
	20	Shd		22	89	0.70
16	00	—		22	19	
	20	Exp		22	71	$3.26 + 0.94 = 4.20$
18	00	—		25	97	H. 20.5
	20	Shd		25	86	1.18
10	20	00	—	24	68	Air T = 20.8 C

Hygograph = 46.0 at 10.21

Sun. April 26, 1914

Sky clear

P.C. Ob.

1 15 20	Shd	17.02	Air T = 22.8 C
17 00	—	17.09	- 0.07
20	Exp	17.79	3.94 + 0.25 = 4.19
19 00	—	21.73	
20	Shd	21.78	0.57
21 00	—	21.21	
23 20	Exp	21.69	3.39 + 0.795 = 4.185
00	—	25.08	<u>4.18</u>
2 20	Shd	25.02	1.02
1 25 00	—	24.50	Air T = 20.8 C

Hygograph = 43.0 } at 1.26
 Wet B = 9.3 C }
 Dry B = 16.5 C }

Sky clear

P.C. Ob.

2 45 20	Shd	19.52	Air T = 20.4 C
47 00	—	19.54	- 0.02
20	Exp	20.30	3.50 + 0.31 = 3.81
49 00	—	23.80	
20	Shd	23.82	0.64
51 00	—	23.18	
20	Exp	23.76	3.02 + 0.87 = 3.89
53 00	—	26.78	<u>3.85</u>
20	Shd	26.70	1.10
2 55 00	—	26.60	Air T = 23.8 C

C/Hygograph = 47.0 at 2.56

Mon. May 4, 1914

Sky 2 in E & NE.
Sun clear

L.C. Ch.

1	40	20	Shd	19.04	Air T = 22.2 C
	42	00	—	19.19	-0.11
		20	Exp	19.89	$3.63 + 0.175 = 3.805$
	44	00	—	23.52	
		20	Shd	23.60	0.46
	46	00	—	23.14	
		20	Exp	23.78	$3.15 + 0.66 = 3.81$
	48	00	—	26.93	<u>3.804</u>
		20	Shd.	26.88	0.86
1	50	00	—	26.02	air T = 23.8 C

Hygrogaph = 46.0 at 1:50

Sky: 2 in SW in 5 sec sun clear

Air Temp = 21.6 C

K.O. Ch.

3.13 20 Shad 20 87

Very wind + air filled with dust

15 00 — 20 88 = 0.01

15 20 Exp 21 45

17 00 — 24 40 $2.95 + .22 = 3.17$

17 20 Shad 24 40

19 00 — 23 95 45

19 20 Exp 24 42

21 00 — 27 00 $2.58 + .615 = 3.205$

21 20 Shad 27 20 3.187

23 00 — 26 40 00

Hygrogaph = 45.0 at 3.30

W. 03:12.1 D. 0 = 20.9

Temp = 25.2 C

Tuesday May 5th 1914

75

20 lbs

Sky - 3 Cu. As. horz. h + e Ocean

Air Temp = 23.8°C

1 17 20	Shad	19 04	
19 00	-	19 15	- 11
19 20	Exp	19 86	
21 00	-	23 60	$3.74 + .165 = 3.905$
21 20	Shad	23 58	
23 00	-	23 14	44
23 20	Exp	23 70	
25 00	-	26 98	$3.28 + .62 = 3.90$
25 20	Shad	26 90	3.902
27 00	-	26 10	80

Hygrometer = 44.5 at 1.30

Air Temp = 26.8°C

W. B. = 12.5 H. B. = 21.3

Wednesday May 6th 1914

A.P.

Spy An Alt 2 hrs.

Air Temp = 23.0 C

1 15 20 Shad 19 04

17 00 — 19 09 .05

17 20 Exp 19 80

19 00 — 23 55 3.78 + 23 = 4.01

19 20 Shad 23 54

21 00 — 23 03 .51

21 20 Exp 23 64

23 00 — 26 92 3.28 + .73 = 4.01

23 20 Shad 26 80 4.01

25 00 — 25 85 .95

Pyrograph: 42.0 at 1.3 a

Air Temp = 25.4 C

W.B. = 12.4 C A.B. = 20.8 C

Thurs. May 7, 1914

Shy 3 in East horizon

RCB

Sun clear

Windy

Air T = 22.0 C

1:12:20 Shd 18.90

14 00 — 18.98 - 0.08

20 Exp 21.969 3.80 + 0.205 = 40.05

16 00 — 23.49

20 Shd 23.47 0.49

18 00 — 22.98

20 Exp 23.56 3.31 + 0.675 = 3.985

20 00 — 26.87

20 Shd 26.84 0.86

3.995

1 22 00 — 25.98

Air T = 23.0 C

Hygrometer 43.5

Wet B = 10.8 C

Dry B = 19.8 C

1.24

Shy 5 in South Ocean at start & End.

2 43 20 Shd 20.82 Air T = 22.6 C

45 00 — 20.84 - 0.02

20 Exp 21.44 3.48 + 0.28 = 3.76

47 00 — 24.92

20 Shd 24.88 0.58

49 00 — 24.30

20 Exp 24.86 2.97 + 0.40 = 3.77

51 00 — 27.83

20 Shd 27.78 1.02

3.765

2 53 00 — 26.76

Air T = 20.0 C

Hygrometer 48.5 & 2.55

Mon May 11, 1914

Sky 1 Cu hazy

L.C. Ch

8 55 20 Shd 16.35 Air T = 14.6 C

57 00 — 16.39 - 0.04

20 Exp 16.83 3.55 + 0.23 = 3.78

8 59 00 — 20.38

20 Shd 20.38 0.50

9 01 00 — 19.88

20 Exp 20.40 3.06 + 0.73 = 3.79

03 00 — 23.46

3.785

20 Shd 23.68 0.96

9 05 00 — 22.72 Air T = 18.0 C

Hygograph = 54.0 at 9.06

Hygro = ^{50.5}~~46.0~~

Wet B = 10.6 C } at 10.00

Dry B = 18.7 C }

10 31 20 Shd 17.88 Air T = 19.6 C

33 00 — 17.92 - 0.04

20 Exp 18.56 3.72 + 0.25 = 3.97

35 00 — 22.28

20 Shd 22.30 0.54

37 00 — 21.76

20 Exp 22.33 3.20 + 0.745 = 3.945

39 00 — 25.53

3.958

20 Shd 25.47 0.95

10 41 00 — 24.52 Air T = 21.2 C

Hygro = 47.0 at 10.42

Sky 1 Cu
hazy

Tues. May 12, 1914

Shy 1 Cu. long Ocean LCOB.

1	16	20	Shd	18.17	Air T = 21.4 C
	18	00	—	18.25	— 0.08
		20	Exp	18.90	3.80 + 0.20 = 4.00
	20	00	—	22.70	
		20	Shd	22.72	0.48
	22	00	—	22.24	

Doubtful. 24 20 Exp 22.68 3.32 + 0.84 = 4.16
 24 00 — 26.00 *Rest*
 1 26 20 Shd 25.80 1.20
 26 00 — 24.60 Air T = 23.0 C

~~Hydrograph at 1.20~~

1	27	20	Shd	24.11	Air T = 23.2
	29	00	—	23.71	0.40
	29	20	Exp	24.24	3.35 + 0.645 = 3.995
	31	00	—	27.59	
		20	Shd	27.50	0.89
	33	00	—	26.61	
		20	Exp	27.13	2.90 + 1.045 = 3.945
	35	00	—	30.03	<u>3.97</u>
		20	Shd	29.92	1.20
	37	00	—	28.72	Air T = 22.0 C

~~Hydrograph - H2O at 1.40~~

CfaC

Thurs June 12, 1914

Skys Hazy & L.C.B.
3 Ci Cir South.

12 59 20	Shd	17.34	Air T = 20.7°C	
1 01 00	—	17.39	-0.05	
20	Exp	18.12	3.78 + 0.24 = 4.02	
03 00	—	21.90		
20	Shd	21.92	0.53	
05 00	—	21.39		
20	Exp	22.00	3.22 + 0.73 = 3.95	
07 00	—	23.22	3.95	
20	Shd	25.13	0.93	
1 09 00	—	24.20	Air T = 24.3°C	

Hygro = 42.0
Wet B = 9.0 C } at 1:12
Dry B = 17.3 C }

Tuesday June 16th 1914

81

Sky 0

Windy

No Obs

Air Temp = 22.8 C

12 49 20	Shad	17 30	
51 00	—	17 41	-11
51 20	Epp	18 18	
53 00	—	22 15	$3.97 + 17.5 = 4.145$
53 20	Shad	22 13	
55 00	—	21 67	.46
55 20	Epp	22 22	
57 00	—	25 80	$3.58 + .68 = 4.26$
57 20	Shad	25 70	4.202
59 00	—	24 80	.90

Hygograph = 30.5 at 1.00 WB = 8.2 & B = 19.8 C Air Temp 24.0 C

Sky 0

1 50 20	Shad	20 30		Air Temp = 20.2 C
52 00	—	20 28	+1.02	
52 20	Epp	20 86		
54 00	—	24 60	$3.74 + .33 = 4.07$	
54 20	Shad	24 58		
56 00	—	23 94	.64	
56 20	Epp	24 30		
58 00	—	27 56	$3.26 + .83 = 4.09$	
58 20	Shad	27 42	4.08	
2 00 00	—	26 40	1.02	Air Temp = 25.0 C

Thurs June 18, 1914
P. C. C. K.

Sky 1 Cu Scat hazy & hazy
☉ clear

1:06:20	Shd	17.90	Air T = 23.6 C
08:00	—	17.97	- 0.07
20	Exp	18.70	$3.72 + 0.225 = 3.945$
10:00	—	22.42	
20	Shd	22.46	+ 0.52
12:00	—	21.94	
20	Exp	22.52	$3.18 + 0.69 = 3.87$
14:00	—	25.70	<u>3.90</u>
20	Shd	25.72	+ 0.86
16:00	—	24.86	Air T = 24.6 C

Hygriograph = 39.0 at 1.18

Sky 1 Cu hazy & Windy	Air Temp 21.8 C
2 12:20	Shd 20 38
14:00	— 20 38 00
14:20	Exp 20 96
16:00	— 24 50 $3.54 + .28 = 3.82$
16:20	Shd 24 53
18:00	— 23 97 .56
18:20	Exp 24 41
20:00	— 27 50 $3.09 + .705 = 3.795$
20:20	Shd 27 43 <u>3.807</u>
22:00	— 26 48 .95

Hygriograph = 38.5 at 2.25

Air Temp 25.0 C

Fri. June 19, 1914

Shy / Car boy Sun clear.

L.C.Cb.

Best to report in doubt. →

9 25 20	Shd	16.60		Air T = 18.4 C
27 00	—	16.62	-0.02	
29 00	Exp	16.42	$2.017.12$ 3.18	+0.145 = 3.245
		219.82		or 2.842

9 29 20	Shd	19.81	0.31	Air T = 19.2 C
31 00	—	19.50		
33 00	Exp	19.98	2.92	+0.51 = 3.43
35 00	—	22.90		
37 00	Shd	22.88	0.71	
39 00	—	22.17		Air T = C

~~Hygrometer at 9.36~~

35 20	Exp	22.07		
37 00	—	25.00	2.93 + 0.81	= 3.74
39 00	Shd	24.91	0.91	
41 00	—	24.00		Air T = 22.2 C

Hygrometer = 42.0 at 9.40

9 43 20	Shd	22.50		Air T = 23.3 C
45 00	—	22.22	+ 0.28	
47 00	Exp	22.60	2.60	+0.41 = 3.01
49 00	—	25.20		
51 00	Shd	25.11	0.54	
53 00	—	24.57		
55 00	Exp	25.10	2.82 +	
57 00	—	27.92		+0.725 = 3.545
59 00	Shd	27.83	0.91	

9 53 00	—	26.92		Air T = 24.8 C
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Hygrometer = 42.0 at 9.54

Electro-light wires don't interfere with Shy's report. Report accordingly.

Friday June 19th 1914

Sky in line 2 seats here.

AD Obs
Air Temp = 19.2°C

11 03 20	Shad	19 24	
05 20	—	19 24	.00
05 20	Esp	19 83	
07 00	—	23 57	$3.74 + 28 = 40.2$
07 20	Shad	23 51	
09 00	—	22 95	.56
09 20	Esp	23 48	
11 00	—	26 72	$3.24 + 745 = 3.985$
11 20	Shad	26 63	
13 00	—	25 70	.93

Air Temp 25.0°C

Hydrograph = 37.5 at 11¹⁵ ~~2~~ ¹⁵ ~~2~~ ¹⁵

W.B. = 8.6 X.B. = 18.7

1914
June
19
AD
Obs

Friday June 19th 1914

85

Sky 3 Cu Cilu Scatt Ocean

Two Obs

Air Temp = 21.4 C

12 57 20	Shad	19 10	
59 00	-	19 10	00
59 20	Eg	19 50	
01 00	-	23 20	$3.70 + .25 = 3.95$
01 20	Shad	23 20	
03 00	-	22 70	.50
03 20	Eg	23 25	
05 00	-	26 47	$3.22 + .725 = 3.945$
05 20	Shad	26 40	3.945
07 00	-	25 45	.95

Hygograph = 37.0 at 1.09 pm

Air Temp = 24.4 C

Sky 2 Cu Cilu Scatt

2 35 20	Shad	19 54	
37 00	-	19 58	-0.4
37 20	Eg	20 13	
39 00	-	23 40	$3.29 + .28 = 3.40$
39 20	Shad	23 40	
41 00	-	22 90	.50
41 20	Eg	23 41	
43 00	-	26 48	$3.07 + 0.70 = 3.77$
43 20	Shad	26 38	
45 00	-	25 48	.90

Air Temp = 23.6 C

see note on
p. 83. 28

Sat. June 20, 1914

Sky gen clear.

R.C. Mz.

Electric light wires

in place with same length

the tube. No doubt the same

would be just as in the air condenser

9 40 20	Shd	16.80	Air T = 19.4 C
42 00		16.47	- 0.07
20	Exp	17.46	3.48 + 0.205 = 3.685
44 00		20.94	
20	Shd	20.95	0.48
46 00		20.47	
20	Exp	20.44	2.40 + 0.64 = 3.04
48 00		23.24	
20	Shd	23.20	0.80
9 50 00		22.40	Air T = 23.0 C

Hygrometer = at 9.

Wet B =

Dry B =

9 51 20	Shd	21.98	Air T = 23.2 C
53 00		21.50	0.48
20	Exp	22.02	3.40 + 0.72 = 4.12
55 00		25.42	
20	Shd	25.40	0.96
57 00		24.44	Air T = 25.0 C
20	Exp	24.30	
59 00		23.	
20	Shd	2	
10 01 00		2	Air T =

Hygrometer =

Wet B =

Dry B =

June 20, 1914

10 00 20	Shd	24.30		Air T = 25.2c
02 00	—	23.78	0.52	
20	Eup	24.22	3.21	+0.76 = 3.97
04 00	—	27.43		
20	Shd	27.37	1.00	
06 00	—	26.37		
20	Eup	26.90	2.96	+1.10 = 4.06
08 00	—	29.86		<u>4.015</u>
20	Shd	29.64	1.20	
10 10 00	—	28.44		Air T = 25.6c

Hygro = 41.0

Wet B = 9.2c

Dry B = 19.2c

} 10:15

10 58 20	Shd	25.08		Air T = 26.8c
11 00 00	—	25.17	-0.09	
20	Eup	25.88		
02 00	—	29.78	3.90	+0.305 = 4.205
20	Shd	29.82	0.70	
04 00	—	29.12		
20	Eup	29.72	3.26	+0.95 = 4.210
06 00	—	32.98		<u>4.208</u>
20	Shd	33.00	1.20	
11 08 00	—	31.80		Air T = 26.6c

Hygograph 41.0 at 11:10

Sun. June 21, 1914

Sky clear

L. C. B.

Hygograph = 420 at 9.30
 9 31 20 Shd 16.10 Air T = 18.4 C
 33 00 — 16.19 - 0.09
 20 Exp 16.80 $3.72 + 0.22 = 3.94$
 35 00 — 20.52
 20 Shd 20.50 0.53
 37 00 — 19.97
 20 Exp 20.52 $3.26 + 0.75 = 4.01$
 39 00 — 23.78 $3.97 A$
 20 Shd 23.70 0.98
 9 41 00 — 23.72 Air T = 19.4 C

Hygograph = 415 } 9.55
 Wet B = 8.1 C
 Dry B = 17.4 C

Sky clear

L. C. B.

10 24 20 Shd 22.16 Air T = 22.6 C
 26 00 — 22.30 - 0.14
 27 20 Exp 22.90 $3.52 + 0.21 = 4.03$
 28 00 — 26.72
 20 Shd 26.70 0.56
 30 00 — 26.14
 20 Exp 26.70 $3.22 + 0.82 = 4.04$
 32 00 — 29.92 4.035
 20 Shd 29.80 1.08
 10 34 00 — 29.72 Air T = 24.2 C
 Hygograph = 400 at 10.35

Mon June 22, 1914

R.C. Ch

Sky 1 Cu Cir Scat hazy.

10	32	20	Shd	16.32	Air T = 18.4 C		
	34	00	—	16.38	-0.06		
		20	Exp	17.01	3.84	+0.22	= 4.06
	36	00	—	20.85			
		20	Shd	20.88	0.50		
	38	00	—	20.38			
		20	Exp	20.93	3.33	+0.71	= 4.04
	40	00	—	24.26			<u>4.05</u>
		20	Shd	24.24	0.92		
10	42	00	—	23.32	Air T = 26.0 C		

Hygograph = 39.0 at 10:43

Hygro = 39.5
 wet B = 8.0 C
 dry B = 18.5 C } at 10:06

Sky 1 Cu hazy.

11	11	20	Shd	19.88	Air T = 23.8 C		
	13	00	—	19.93	-0.05		
		20	Exp	20.49	3.76	+0.28	= 4.04
	15	00	—	24.25			
		20	Shd	24.22	0.61		
	17	00	—	23.61			
		20	Exp	24.11	3.31	+0.82	= 4.13
	19	00	—	27.42			<u>4.05</u>
		20	Shd	27.30	1.03		
11	21	00	—	26.27	Air T = 25.0 C		

Hygograph = 35.5 at 11:22

Tues June 23, 1914

Shepherd

R. C. Ch

1 14	20	Shd	17.83	Air T = 21.0 C
16	00	—	17.89	- 0.06
	20	Exp	17.90	$3.90 + 0.165 = 4.065$
18	00	—	21.80	
	20	—	21.82	0.39
20	00	Shd	21.43	
	20	—	22.00	$3.54 + 0.585 = 4.125$
22	00	Exp	25.54	<u>4.095</u>
	20	—	25.49	0.78
1 24	00	Shd	24.71	

Air T = 21.5 C

Hygograph = 33.0 at 1.26

Shy 0

no ch

2 17	20	Shad	20.87	Air Temp = 22.0 C
19	00	—	20.85	+ 0.2
19	20	Exp	21.58	
21	00	—	25.20	$3.76 + 31 = 4.07$
21	20	Shad	25.30	
23	00	—	24.70	.60
23	20	Exp	25.20	
25	00	—	28.32	$3.12 + 80 = 3.92$
25	20	Shad	28.20	<u>3.995</u>
27	00	—	27.20	1.00

Air Temp = 26.0 C

Hygograph = 32.0 at 2.30

Wed June 24, 1914

sky clear

L.C. Ch.

9 40	20	Shd	15.95		Air T = 18.0 C
42	00	—	16.03	-0.08	
	20	Exp	16.73	3.80	+0.205 = 4.005
44	00	—	20.53		
	20	Shd	20.56	0.49	
46	00	—	20.07		
	20	Exp	20.68	3.34	+0.635 = 3.975
48	00	—	24.02		
	20	Shd	23.90	0.78	
9 50	00	—	23.12		Air T = 22.0 C
Hygograph			= 37.0		
Wet B			= 80. C		
Dry B			= 18.3 C		

sky clear

L.C. Ch.

10 49	20	Shd	18.64		Air T = 18.8 C
51	00	—	18.62	0.02	
	20	Exp	19.27	3.47	+0.29 = 3.76 4.06
53	00	—	23.04		
	20	Shd	23.02	0.56	
55	00	—	22.46		
	20	Exp	23.02	3.40	+0.70 = 4.10
57	00	—	26.42		
	20	Shd	26.28	0.84	
10 59	00	—	25.44		Air T = 23.2 C
Hygograph			= 34.5		
			35.5		at 11.00

Sun. June 28, 1914

Sky 1 Cu long Clear

R.C. Alb.

10	29	20	Shd	17.46	Air T = 25.4 C
31	00	—	—	17.60	-0.14
	20	Exp	18.21	3.91	+0.11 = 4.02
33	00	—	—	22.12	
	20	Shd	22.18	0.36	
35	00	—	—	21.82	
	20	Exp	22.38	3.33	+0.60 = 3.93
37	00	—	—	25.71	
	20	Shd	25.67	0.84	
39	00	—	—	24.83	Air T = 25.6 C

Hygograph = 42.2 at 10.40

Sky 1 Cu long Clear

11	24	20	Shd	20.62	Air T = 20.8 C
26	00	—	—	20.62	0.00
	20	Exp	21.24	3.74	+0.34 = 4.08
28	00	—	—	24.98	
	20	Shd	24.99	0.68	
30	00	—	—	24.31	
	20	Exp	24.92	3.26	+0.90 = 4.16
32	00	—	—	28.18	
	20	Shd	28.34	1.12	
11	34	00	—	27.22	Air T = 24.4 C

Hygograph = H. 1.0

Wet B = -10.1 C

Dry B = 19.5 C

11.36

Mon June 29th 1914

93

Sky 0azy on horizon

HPch

air Temp = 23.2 C

1 02 20	Shad	1872	
04 00	—	18	83 - 0.11
04 20	Exp	19	58
06 00	—	23	38 3.80 + 17.5 = 3.975
06 20	Shad	23	40
08 00	—	22	94 .46
08 20	Exp	23	50
10 00	—	26	68 3.18 + .71 = 3.88
10 20	Shad	26	62
12 00	—	25	66 96

Hygriograph = 37.0 at 1.14 W.B. = 9.8 C Ap = 21.6 C

Sky 0/2 clear

PCch

2 48 20	Shad	20.62	air T = 21.2 C
50 00	—	20.68	- 0.06
20	Exp	21.33	3.47 + 0.27 = 3.74
52 00	—	24.80	
20	Shd	24.81	0.60
54 00	—	24.21	
20	Exp	24.78	3.00 + 0.78 = 3.78
56 00	—	27.78	
20	Shd	27.71	0.96
2 58 00	—	26.75	air T = 24.4 C

Hygriograph = 36.0 at 3.00

C for C

Tues. July 7, 1914

Sky 2 in hazy
O clear

CC Obs

12 50 20	Shd	18.42	Air T = 25.0C
52 00	—	18.52	- 0.10
20	Exp	19.20	3.7 A + 0.15 = 3.93
54 00	—	22.98	
20	Shd	22.98	0.40
56 00	—	22.58	
20	Exp	23.08	3.34 + 0.58 = 3.92
58 00	—	26.42	<u>3.925</u>
20	Shd	26.44	0.76
1 00 00	—	25.68	Air T = 25.6C

Hygograph = 34.5
Wet B = 91 C } 10.2
Dry B = 20.4C }

Sky 2 in hazy O clear

NO Obs

Shad

Exp

Shad

Exp

Shad

Obs near
Jaw

Wed July 8, 1914

Shy gen clear some haze. P.C. Ab

9 40	20	Shd	16.96	Air T = 20.4 C
42	00	—	16.98	-0.02
	20	Exp	17.60	3.31 + 0.205 = 3.515
44	00	—	20.91	
	20	Shd	20.93	0.43
46	00	—	20.50	
	20	Exp	20.96	2.96 + 0.565 = 3.525
48	00	—	23.92	<u>3.520</u>
	20	Shd	23.87	0.70
9 50	00	—	23.17	Air T = 22.0 C

Hygrogroph = 38.0

Wet B.

= 10.1 C

Dry B.

= 20.9 C

9:53

Shy clear

11 00	20	Shd	19.28	Air T = 20.6 C
02	00	—	19.32	-0.04
	20	Exp	20.00	3.72 + 0.24 = 3.96
04	00	—	23.72	
	20	Shd	23.72	0.52
06	00	—	23.26	
	20	Exp	23.22	3.36 + 0.68 = 4.04
08	00	—	27.18	<u>4.00</u>
	20	Shd	27.08	0.84
11 10	00	—	26.24	Air T = 26.0 C

Hygrogroph = 38.0 at 11:11

July 8, 1914

sky 2 Cn Scott

Rbr

Clear

12 52 20 Shd 19.54 Air T = 22.0C

54 00 — 19.59 — 0.05

20 Eff 20.22 $3.64 + 0.335 = 3.915$

56 00 — 23.90

20 Shd 23.92 0.52

58 00 — 23.40

20 Eff 23.88 $3.24 + 0.67 = 3.91$

1 00 00 — 24.12

3.912

20 Shd 24.14 0.82

0 2 00 — 26.32

Air T = 26.0C

Hygograph = 37.5 at 1.04

Thursday July 9th 1914

97

Sky clear

No Ob
Air Temp = 20.0 C

9	22 20	Shad	17 10	
	24 00	-	17 23	.08
	24 20	Eg	17 80	
	26 00	-	21 43	$3.63 + .185 = 3.715$
	26 20	Shad	21 47	
	28 00	-	21 02	.45
	28 20	Eg	21 38	
	30 00	-	24 71	$3.13 + .625 = 3.755$
	30 20	Shad	24 65	3.735
	32 00	-	23 85	.80

Hygograph = 39.0 at 9 35 W/B = 9.4 C & B = 20.7 C

Air Temp = 23.0 C

No Ob

10 27 20 Shad 19 90

Air Temp = 23.0 C

29 60 - 19 90 .00

29 20 Eg 20 60

31 00 - 24 40 $3.80 + .24 = 4.04$

31 20 Shad 24 36

33 00 - 23 85 .48

33 20 Eg 24 40

35 00 - 27 77 $3.37 + .615 = 3.985$

35 20 Shad 27 84

 4.012

37 00 - 26 99 .75

Hygograph = 35.5 at 10 39

Air Temp = 27.0 C

Thursday July 9th 1914

Sky on 2 horz

700 ft

Air Temp = 21.2 C

12 38 20	Shad	19 18	
40 00	—	19 24	-0.6
40 20	Exp	19 90	
42 00		23 70	$3.80 + .22 = 4.02$
42 20	Shad	23 70	
44 00	—	23 20	.50
44 20	Exp	23 77	
46 00	—	27 08	$3.31 + .69 = 4.00$
46 20	Shad	26 98	4.01
48 00	—	26 10	.88

Hygograph: 34.0 at 12 50

Air Temp = 24.8 C

Friday July 10 1914

99

Sky 2 in 3-5 hours

H.P. Cobb

Air Temp = 20.0 C

9 37 20	Shad	17 67	
39 00	-	17 70	-0.3
39 20	Exp	18 35	
41 00	-	21 85	3.50 + .25 = 3.750
41 20	Shad	21 83	
43 00	-	21 30	5.3
43 20	Exp	21 90	
45 00	-	25 07	3.17 + .665 = 3.835
45 20	Shad	24 99	<u>7.585</u> 3.792
47 00	-	24 19	.80

Air Temp = 23.8 C

Hygograph = 44.0 at 9.50 W.B. = 11.6 C D.B. = 21.3 C

Sky 2 in hour

P.C. Cobb

11 00 20	Shad	19.72	Air T = 22.4 C
02 00	-	19.78	-0.06
20	Exp	20.46 19.96	3.92
04 00	-	24.20	3.74 + 0.24 = 4.44
20	Shad	24.26	0.54
06 00	-	23.72	
20	Exp	24.30	3.24 + 0.68 = 3.92
08 00	-	27.54	<u>3.95</u>
20	Shad	27.48	0.82
11 10 00	-	26.66	Air T = 26.6 C

Hygograph = 37.5 at 11.12

Sat July 11 1914.

Sky T in low

WCLs

Air Temp = 17.0C

9	36 20	Shad	17 31	
	38 00	—	17 41	10
	38 20	Exp	18 03	
	40 00	—	21 22	3.69 + 185 = 3.875
	40 20	—	21 67	
	42 00	Shad	21 20	.47
	42 20	—	21 82	
	44 00	—	24 94	.312 .605 = 3.725
	44 20	—	24 84	
	46 00	Shad	24 00	1.24
	48 00	—		
	50 00	—		

Hygograph: 1 WB: 90 = Air Temp 85C
16.8C

9	48 20	Shad	23 40	
	50 00	—	22 82	.58
	50 20	Exp	23 32	
	52 00	—	26 40	3.08 + .80 = 3.88
	52 20	Shad	24 26	
	54 00	—	25 28	1.02
	54 20	Exp	25 78	
	56 00	—	28 50	2.82 + 1.05 = 3.87
	56 20	Shad	28 36	3.875
	58 00	—	27 08	1.08

Hygograph: 42.0 at 10.03 WB = 71 AB = 16.5

July 11 1914

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Sky 3. Clear here.

W. O. Pfa

Air Temp: 19.0 C

11 06 20	Shad	19 50	
08 00	-	19 50	00
08 20	Eup	20 15	
10 00	-	23 82	$3.67 + .30 = 3.97$
10 20	Shad	23 80	
12 00	-	23 20	.60
12 20	Eup	23 78	
14 00	-	26 96	$3.78 + .79 = 3.97$
14 20	Shad	26 82	1.4
16 00	-	25 84	98

Hygrometer: 40.0 at 11 17 W.P.

Air Temp: 21.0 C

Mon July 13, 1914

Skf all clear but hazy P.C.Bk

8 54 20	Shd	16.27	Air T = 18.4 C
56 00	—	16.30	- 0.03
20	Exp	16.98	3.52 + 0.225 = 3.745
58 00	—	20.50	
20	Shd	20.48	0.48
9 00 00	—	20.00	
20	Exp	20.52	3.15 + 0.67 = 3.82
9 02 00	—	23.67	= 3.782
20	Shd	23.59	0.86
9 04 00	—	22.73	Air T = 21.4 C

Hygroph = 40.5 at 9.05

	Skf	clear	P.C.Bk
10 52 20	Shd	17.92	Air T = 20.0 C
54 00	—	17.94	- 0.02
20	Exp	18.49	3.83 + 0.24 = 4.07
56 00	—	22.32	
20	Shd	22.42	0.50
58 00	—	21.92	
20	Exp	22.50	3.40 + 0.725 = 4.125
11 00 00	—	25.90	<u>4.094</u>
20	Shd	25.87	0.95
02 00	—	25.92	Air T = 22.2 C

Hygroph = 3A.0 at 11.03

Hygroph = 41.5
Wet B = 8.7
Dry B = 14.3

at 10.00

Tues July 14, 1914

Shy clear

R.C. Cbr

9 25 20	Shd	16.76	Air T = 17.6 C
27 00	—	16.78	- 0.02
20	Exp	17.41	3.71 + 0.245 = 3.955
29 00	—	21.12	
20	Shd	21.17	0.57
31 00	—	20.60	
20	Exp	21.14	3.18 + 0.725 = 3.905
33 00	—	24.32	<u>3.945</u>
20	Shd	24.26	0.88
9 35 00	—	23.48	Air T = 18.8 C

Hygograph = 39.5 at 9.36

Shy clear

11 05 20	Shd	18.38	Air T = 19.6 C
07 00	—	18.38	0.00
20	Exp	19.00	3.92
09 00	—	22.92	+ 0.275 = 4.195
20	Shd	22.93	0.55
11 00	—	22.38	
20	Exp	22.98	3.48 + 0.70 = 4.18
13 00	—	26.46	<u>4.188</u>
20	Shd	26.44	0.85
11 15 00	—	25.59	Air T = 21.4 C

Hygogr = 36.0 at 11.17

Wet B = 18.5 C
Dry B = 18.5 C
Hygrog = 18.390

at 10:05 am

Wednesday July 15th 1914

Sky clear but little hazy

W. C. B.

19.01

9 42 20	Shad	16 50	
44 00	—	16 50 00	
44 20	Exp	17 26	
46 00	—	20 95	$3.69 + .255 = 3.945$
46 20	Shad	20 90	
48 00	—	20 39	$- 51$
48 20	Exp	21 00	
50 00	—	24 20	$3.20 + .765 = 3.965$
50 20	Shad	24 08	3.95
52 00	—	23 06	1.02

Hygograph: 43.0 at 9.58

W/B = 7.7 & B = 17.2

21.02

Sky 0 hazy

W. C. B.

19.02

11 23 20	Shad	18 04	
25 00	—	18 08	$- .04$
25 20	Exp	18 80	
27 00	—	22 63	$3.83 + .27 = 4.10$
27 20	Shad	22 60	
29 00	—	22 02	$.58$
29 20	Exp	22 60	
31 00	—	25 97	$3.92 + .80 = 4.12$
31 20	Shad	25 85	4.11
33 00	—	24 83	1.02

Hygograph: 38.0 at 11 34

20.22

~~Hygro~~~~W/B~~~~Exp B~~

at 10:00

Thurs July 16, 1914

Shy hazy. in NE & East L.C. Ob.

9 45	20	Shd	16.68	Air T = 16.8 C
47	00	—	16.73	- 0.05
	20	Exp	17.36	3.54 + 0.25 = 3.79
49	00	—	20.90	
	20	Shd	20.93	0.55
51	00	—	20.38	
	20	Exp	20.92	3.09 + 0.745 = 3.835
53	00	—	24 01	<u>3.812</u>
	20	Shd	23.96	0.94
9 55	00	—	23.02	Air T = 19.8 C

Hygrogaph = 43.0
 Wet B 8.1 C
 Dry B 18.3 C at 10:00

Shy clear & less hazy

11 46	20	Shd	17.94	L.C. Ob.
48	00	—	17.94	000 Air T = 18.6
	20	Exp	18.65	3.81 + 0.31 = 4.12
50	00	—	22.46	
	20	Shd	22.49	0.62
52	00	—	21.87	
	20	Exp	22.43	3.26 + 0.79 = 4.05
54	00	—	25.69	<u>4.085</u>
	20	Shd	25.58	0.96
11 56	00	—	24.62	Air T = 20.0 C

Hygrogaph = 41.5 at 11:58

Friday July 17 1914

Sky T in hor

Air Temp = 18.9 C

10 12 20	Shad	16.93	
14 00	—	16.99	.06
14 20	Exp	17.70	
16 00	—	21.32	$3.62 + .245 = 3.865$
16 20	Shad	21.39	
18 00	—	20.85	.54
18 20	Exp	21.42	
20 00	—	24.60	$3.18 + .76 = 3.94$
20 20	Shad	24.48	3.902
22 00	—	23.50	.98

Air Temp 20.0 C

~~Air Temp~~

Air Temp = 20.5 C

Hygograph: 44.0 at 10 25 W.B. = 8.1 D.B. = 16.9

Sky / in hor

11 24 20	Shad	18.40	
26 00	—	18.48	.00
26 20	Exp	19.20	
28 00	—	22.95	$3.75 + .30 = 4.05$
28 20	Shad	22.92	
30 00	—	22.32	.60
30 20	Exp	22.91	
32 00	—	26.16	$3.25 + .80 = 4.05$
32 20	Shad	26.03	
34 00	—	25.03	1.00

Hygograph:

Sat July 18, 1914

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Shy clear

L.C.B.

9 02 20	Shd	16.70	air T = 17.0 C
04 00	—	16.78	- 0.08
20	Eup	17.38	3.60 + 0.17 = 3.77
06 00	—	20.98	
20	Shd	21.00	0.42
08 00	—	20.58	
20	Eup	21.18	3.18 + 0.66 = 3.84
10 00	—	24.36	3.85
20	Shd	24.32	0.90
9 12 00	—	23.42	air T = 20.4 C
		Hygograph = 48.0	at 9.14

Hygro = 45.0
 wet B = 9.8 C
 dry B = 19.1 C

} = 9.55

Shy clear

11 24 20	Shd	17.97	air T = 20.4 C
26 00	—	18.05	- 0.07
20	Eup	18.70	3.83 + 0.20 = 4.03
28 00	—	22.53	
20	Shd	22.54	0.47
30 00	—	22.07	
20	Eup	22.70	3.36 + 0.67 = 4.01
32 00	—	26.56	4.02
20	Shd	25.97	0.87
11 34 00	—	25.10	air T = 25.8 C
		Hygograph = 42.2	at 11.35

Mon July 20, '94

Sky clear

L.D. Ch.

Values high but used
confirmed humidity
low, perhaps the cause
P.C.

9	33	20	Shd	16.25	Air T = 19.2 C
	35	50	—	16.33	- 0.08
		20	Exp	17.03	4.05 + 0.225 = 4.275
37		00	—	21.08	
		20	Shd	21.11	0.53
39		00	—	20.58	
		20	Exp	21.23	3.59 + 0.715 = 4.305
41		00	—	24.82	<u>4.29</u>
		20	Shd	24.76	0.90
9	43	00	—	23.86	Air T = 23.0 C

Hygromorph = 29.5 } 9:45
~~wet B = 8.2 C } 9:45~~
~~dry B = 19.8 C } 9:45~~

Hygro. = 29.0 } 9:35
 wet B = 6.8 C } H.D. Ch.
 dry B = 20.2 C }

11	23	20	Shd	18.44	Air T = 20.2 C
	25	00	—	18.46	- 0.02
		20	Exp	19.14	3.78 + 0.24 = 4.02
27		00	—	22.92	
		20	Shd	22.92	0.50
29		00	—	22.42	
		20	Exp	22.98	3.08 + 0.69 = 3.77
31		00	—	26.06	<u>3.89</u>
		20	Shd	25.98	0.88
1	33	00	—	25.10	Air T = 23.6 C

Sky clear
 Hygro. right wire
 must have interfered
 in this case
 Report 7/23

July 20, 1914

B.C. Ch

Sky clear.

11 33 20	Shd	24.90	Air T = 23.6 C	
35 00	—	24.40	0.50	
20	Exp	24.93	$3.55 + 0.775 = 4.325$	
37 00	—	28.48		
20	Shd	28.42	1.05	
39 00	—	27.37		
20	Exp	27.94	3.06	$+ 1.165 = 4.225$
41 00	—	31.00		<u>4.275</u>
20	Shd	30.94	1.28	
43 00	—	29.66		Air T = 24.4 C

Hygograph - 280 = 11.44

Tuesday July 21st 1914

Sky hazy

Wobbs

Air Temp - 19.4°C

9 36 20	Shad	16 54	
38 00	-	16 60 - 06	
38 20	Exp	17 33	
40 00	-	21 12	$3.79 + 21.5 = 40.5$
40 20	Shad	21 07	
42 00	-	20 58	4 9
42 20	Exp	21 18	
44 00	-	24 46	$3.22 + 6.8 = 3.90$
44 20	Shad	24 32	3.952
46 00	-	23 45	87

Hygograph: 32.0 at 9:52
W.B.: 6.7

Air Temp: 24.0°C
D.B.: 18.3

Sky & hazy

Air T - 20.0°C

11 11 20	Shad	18 10	
13 00	-	18 10	00
13 20	Exp	18 85	
15 00	-	22 77	$3.92 + 9.5 = 3.215$
15 20	Shad	22 69	
17 00	-	22 10	59
17 20	Exp		
19 00	-		
19 20	Shad		
21 00	-		

July 21st 1914

111

Sky hazy

no obs

Air Temp: 24.0 C

11 19 20	Shad	21 58	
21 00	—	21 31	.27
21 20	Evg	22 00 21 50	
23 00	—	23 67	3.67
23 20	Shad	25 36	4.185
25 00	—	24 80	3.67 + 1.5 = 4.175
25 20	Evg	25 38	
27 00	—	28 62	3.24
27 20	Shad	28 40	93 = 4.17
29 00	—	27 30	1.10
29 20	Evg	27 50	
31 00	—	30 73	2.83 + 1.245 = 4.075
31 20	Shad	30 50	
33 00	—	29 11	1.39
33 20	Evg	29 63	
35 00	—	32 30	2.67 + 1.48 = 4.15
35 20	Shad	32 09	4.112
37 00	—	30 52	1.57

Hygrometer: 30.0 at 11 40

Air Temp = 24.0 C

Wed. July 22, 1914

Sky clear

L. C. C.

Hygro = 37.0 at 9.25
 9 26 20 Shd 16.42 Air T = 17.7°C
 28 00 — 16.47 - 0.05
 20 — Eff 17.14 $3.78 + 0.26 = 4.04$
 30 00 — 20.92
 20 Shd 20.96 0.57
 32 00 — : 20.39
 20 — Eff 20.94 $3.21 + 0.815 = 4.025$
 34 00 — 24.15 4.032
 20 Shd 24.44 1.06
 9 36 00 — 23.38 Air T = 20.6°C

Hygro = 34.2
 WTB = 18°C } at 10.00
 Dry B = 19.1°C

Sky clear

11 25 20 Shd 18.01 Air T = 18.8°C
 27 00 — 18.02 - 0.01
 28 20 — Eff 18.74 $3.94 + 0.335 = 4.275$
 29 00 — 22.72
 20 Shd 22.72 0.68
 31 00 — 22.04
 20 — Eff 22.63 $3.37 + 0.87 = 4.24$
 33 00 — 26.00 4.258
 20 Shd 25.92 1.06
 11 33 00 — 24.86

Hygro = 33.0 at 11.37

Air T = 19.4°C

Thursday July 23rd 1914

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Sky 3 C. B. 2-4 Scat. Clear

W. Obs

Air T. = 18.0 C

9 37 20	Shad	16 10	
39 00	—	16 12	-02
39 20	Ely	16 58	
41 00	—	20 60	$3.72 + .265 = 3.985$
41 20	Shad	20 62	
43 00	—	20 07	.55
43 20	Ely	20 67	
45 00	—	23 93	$3.26 + .715 = 3.975$
45 20	Shad	23 80	3.977
47 00	—	22 82	.98

Air T. = 20.6 C

Hygrometer = 38.0 at 9:54 W. B = 7.9 C DB = 18.7

H

Sky C. clear i horz + Windy

Air T. = 19.8 C

11 31 20	Shad	17 60	
33 00	—	17 64	-04
33 20	Ely	18 43	$+ .25 = 4.17$
35 00	—	22 35	$3.9.2 + .52 = 4.42$
35 20	Shad	22 30	
37 00	—	21 26 ⁷⁶	$+ .04 = 0.54$
37 20	Ely	22 30	$.765 = 4.275$
39 00	—	25 81	$3.51 + 1.015 = 4.525$
39 20	Shad	25 69	4.452
41 00	—	24 70	.99
			<u>4.222</u>

Hygrometer = 32.0 at 11:45

Air Temp = 21.5

Thurs July 24, 1914

Sky clear

LC Ob

9 47 20	Shd	15.94	Air T = 17.0 C
49 00	—	15.96	- 0.02
20	Exp	16.62	3.88 + 0.26 = 4.14
51 00	—	20.50	
20	Shd	20.46	- 0.54
53 00	—	19.92	
20	Exp	20.50	3.35 + 0.78 = 4.13
55 00	—	23.85	4.135
20	Shd	23.78	1.02
57 00	—	22.76	Air T = 19.8 C

Hygro = 37.5

wet B = 7.10 at 10.02

dry B = 17.60

Sky 0

11 34 20	Shd	17.27	Air T = 17.0 C
36 00	—	17.28	- 0.01
20	Exp	17.94	3.92 + 0.30 = 4.22
38 00	—	21.92	
20	Shd	21.88	0.61
40 00	—	21.27	
20	Exp	21.88	3.40 + 0.895 = 4.295
42 00	—	25.28	4.28
20	Shd	25.16	1.18

11 44 00 — 24.98 Air T = 17.7 C

Hygro = 35.5 at 11.46

Sat. July 25th 1914

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Shy 0

No Obs

Air T = 17.4 C

9 42 w Shad	15 77	
44 00 —	15 80	- .03
44 20 Shd	16 52	
46 00 —	20 46	3.94 + 25 = 4.19
46 20 Shad	20 40	
48 00 —	19 87	.53
48 20	20 48	
50 00 —	23 91	3.43 + .785 = 4.215
50 20	23 89	
52 00 —	22 85	1.04
52 20		

4.207

Hygograph = 33.0 at 9 56 W.B. = 6.0 R.B. = 16.5

Air T = 20.2 C

Shy 0

11 34 20 Shd	17.12	P.C. db	Air T = 17.8 C
36 00 —	17.22	- 0.10	
20 Exp	17.89	4.03 + 0.27 = 4.30	
38 00 —	21.92		
20 Shd	21.9.3	0.64	
40 00 —	21.29		
20 Exp	21.92	3.46 + 0.23 = 4.29	
42 00 —	25.38		
20 Shd	25.28	1.02	
11 44 00 —	24.26		

4.295

Air T = 20.0 C

Hygro = 29.0 at 11.46

Sun. July 26th 1914

Sky hazy

Wobbs

Air T = 16.0 C

9 43	20	Shad	15	88	
45 00	—		15	90	- 0.2
45 20	Exp		16	60	
47 00	—		20	40	$3.80 + .23 = 4.03$
47 20	Shad		20	40	
49 00	—		19	92	- .48
49 20	Exp		20	50	
51 00	—		23	78	$3.28 + .735 = 4.015$
51 20	Shad		23	64	.027
53 00	—		22	85	.99

Air T = 19.0 C

Hygrograph = 31.00 at 9 59 W.B. = 5.9 C

A.B. = 16.9 C

Air T = 17.9 C

11 27	20	Shad	17	24	
29 00	—		17	29	- .05
29 20	Exp		18	07	
31 00	—		22	06	$3.99 + .265 = 4.255$
31 20	Shad		21	98	
33 00	—		21	40	.58
33 20	Exp		22	10	
35 00	—		25	59	$3.49 + .77 = 4.26$
35 20	Shad		25	45	4.257
37 00	—		24	49	.96

Hygrograph = 30.0 at 11 39

Air T = 19.8 C

Mon July 27, 1914

Sky clear

L.C. Dr.

9	56	20	Shd	15.97	Air T = 18.8 C
	58	00	—	16.00	- 0.03
		20	Surf	16.62	$3.91 + 0.25 = 4.16$
10	00	00	—	20.53	
		20	Shd	20.56	0.53
	02	00	—	20.03	
		20	Surf	20.53	$3.40 + 0.72 = 4.12$
	04	00	—	23.93	<u>4.14</u>
		20	Shd	23.83	0.91
10	06	00	—	22.92	Air T = 21.8 C

Hygrograph = 32.5 at 10:10
 Wet B = 7.2 C
 Dry B = 18.9 C

Tues July 28th, 1914

Sky Clear

No Obs

Air T = 78.4 E

9 40 20	Shad	16 07	
42 00	—	16 11	04
42 20	Exp	16 90	
44 00	—	20 89	$3.99 + 25.5 = 4.245$
44 20	Shad	20 88	
46 00	—	20 33	.55
46 20	Exp	21 00	
48 00	—	24 45	$3.45 + 73.5 = 4.185$
48 20	Shad	24 36	4.21
50 00	—	23 38	.92

Hygograph: 29 00 at 1000 W.B. = 6.4 R.B. = 18.6

Air T = 72.5

No Obs

Sky clear

Air T = 19.0

11 29 20	Shad	17 64	
31 00	—	17 20	.06
31 20	Exp	18 50	
33 00	—	22 54	$4.04 + 28.5 = 4.325$
33 20	Shad	22 48	
35 00	—	21 85	.63
35 20	Exp	22 58	
37 00	—	26 06	$3.48 + 85.5 = 4.335$
37 20	Shad	25 90	4.320
39 00	—	24 82	1.08

Hygograph: 27 0 at 11 40 Air T = 20.9 C

Wed July 29, 1914

RC Ob.

Sky = clear

9 25 20	Shd	15.96	Air T = 16.54 C
27 00	—	16.08	-0.12
29 20	Surf	16.83	3.88 + 0.25 = 4.13
29 00	—	20.71	
31 20	Shd	20.73	0.62
31 00	—	20.11	
33 20	Surf	20.73	3.38 + 0.83 = 4.21
33 00	—	24.11	<u>4.17</u>
35 20	Shd	24.00	1.06
9 35 00	—	23.94	Air T = 17.7 C

Hygograph = 30.0 at 9.36

Wet B = 50 C. Dry B = 17.2 C. Hygus = 30.0 at 9.53

Sky clear

12 01 20	Shd	17.28	Air T = 19.4 C
03 00	—	17.23	0.05
05 20	Surf	18.09	4.09 + 0.345 = 4.435
05 00	—	22.18	
07 20	Shd	22.16	0.64
07 00	—	21.52	
09 20	Surf	22.20	3.42 + 0.98 = 4.50
09 00	—	25.72	
11 20	Shd	25.40	1.32 0.98 <u>9.35</u> <u>4.468</u>
12 11 00	—	24.08	Air T = 21.0 C

Hygograph = 26.0 at 12.12

Friday July 31st 1914

Sky 3 in lib. loss.

W. P. Abbe
Air Temp = 20.0 C

11	21	20	Shad	17	48	
	23	00	-	17	57	.09
	23	20	Evg	17	85	? 1835
	25	00	-	22	20	4.85 + .19 = 4.54
	25	20	Shad	22	17	
	27	00	-	21	70	.47
	27	20	Evg	22	34	
	29	00	-	25	72	3.38 + .66 = 4.04
	29	20	Shad	25	60	
	31	00	-	24	75	.85

11	32	20	Shad	24	22	
11	34	00	-	23	72	.50
	34	20	Evg	27	69	
	36	00	-	27	56	
11	37	20	Shad	26	98	
	39	00	-	26	20	.78
	39	20	Evg	26	80	
	41	00	-	29	90	3.90 + .96 = 4.06
	41	20	Shad	29	74	
	43	00	-	28	60	1.14
	43	20	Evg	29	80	
	45	00	-	31	92	2.72 + 1.235 = 3.955
	45	20	Shad	31	71	
	47	20	-	30	38	1.33

4.0052

Hygograph = 34.0 at 11 50 W.B. = 8.1 C D.B. = 21.2 C

Air Temp = 22.0 C

Monday Aug. 3rd 1914

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Sky / Cu horz

No obs

Air T: 20.0 C

1 07 20	Shad	18 43	
		1 07 20	
09 00		18 50	- .07
09 20	Elf	19 26	
11 00		23 13	3.89 + .235 = 4.125
11 20	Shad	23 09	
13 00		22 55	54
13 20	Elf	23 20	
15 00		26 60	3.46 + .755 = 4.155
15 20	Shad	26 49	4.135
17 00		25 52	+ 1.40
			97

Hygrometer - 37.0 at 1 20

W.B. = 8.2 C

A.B. = 19.7 C

Air T = 21.5 C

Tuesday Aug 4th 1914

Sky 0

Wolbach
Air T: 18.7 C

9 45⁵ 20 Shad 16 84
 47 00 - 16 94 - 10
 47 20 Exp 17 65
 49 00 - 21 61 $3.96 \times 20 = 4.16$
 49 20 Shad 21 60
 51 00 - 21 10 50
 51 20 Exp 21 75
 53 00 - 25 19 $3.44 + 76 = 4.20$
 53 20 Shad 25 04 4.18
 55 00 - 24 02 1.02

Hygograph: 33.5 at 9.58

W.B. = 7.4 C D.B. = 19.0 C

Air T = 22.0 C

Sky 0.

11 33 20 Shad 18 57
 35 00 - 18 60 - 0.3
 35 20 Exp 19 38
 37 00 - 23 37 $3.99 + .27 = 4.26$
 37 20 Shad 23 29
 39 00 - 22 72 57
 39 20 Exp 23 40
 41 00 - 26 88 $3.48 + 7.55 = 4.235$
 41 20 Shad 26 72 4.247
 43 00 - 28 78 .94

Air T = 19.3 C

Hygograph = 32.0 at 11.45

Air T = 21.1 C

Wednesday Aug 5th 1914

123

Sky 0

No Obs

Air T. 19.00

9 40	no Shad	17 22	
42 00	-	17 30	-0.08
42 20	Shd	18 00	
44 00	-	21 80	3.80 + .225 = 4.025
44 20	Shad	21 77	
46 00	-	21 24	53
46 20	Shd	21 86	
48 00	-	25 21	3.35 + .65 = 4.00
48 20	Shad	25 09	4.017
50 00	-	24 18	.87

Air T. 20.7?

Hydrograph at 10:00 = 44.0 WB: 8.5 DB: 20.7 C

Sky clear 11 28 20 Shd 18.83 Bar air T = 19.8 C

30 00 - 18.81 -0.02

20 Shd 19.52 3.95 + 0.245 = 4.195

32 00 - 23.47

20 Shd 23.41 0.51

34 00 - 22.90

~~36 00 - 22.90~~

Interrupted
see below

11 36 20 Shd 22.40

0.28

Air T = 20.4 C

38 00 - 22.12

20 22.82

3.76

+0.555

= 4.315

40 00 26.58

20 26.50

0.83

42 00 25.67

3.24 + 1.035

= 4.275

20 26.20

44 00 29.44

1.24

20 29.26

46 00 28.02

Air T = 22.2 C

(Hydrograph = 32.5 at 11:48)

Thurs. Aug 6 1914

Sky 0 + haze

Windy

WB

Air T = 19.0 C

9 44 20 Shad 17 07

46 00 — 17 11 - 04

46 20 Exp 17 90

48 00 — 21 90 $4.00 + .27 = 4.27$

48 20 Shad 21 28

50 00 — 21 30 .52

50 20 Exp 21 94

52 00 — 25 34 $3.40 + 81.5 = 21.5$

52 20 Shad 25 20

4.237

54 00 — 2 15 1.05

Air T = 19.0 C

Hygograph = 32.0 at 9 58 WB = 7.7 C & B = 19.3 C

Sky 0 + haze Windy

#11 35 20 Shad 18 38

Air T = 20.0 C

37 00 — 18 43 - .05

37 20 Exp 19 20

39 00 — 23 21 $4.01 + 27.5 = 4.285$

39 20 Shad 23 08

41 00 — 22 48 .60

41 20 Exp 23 12

43 00 — 26 53 $3.41 + 81 = 22$

43 20 Shad 26 39

4.252

45 00 — 25 37 1.02

Hygograph = 30.0 at 11:47

Air T = 20.5 C

Fri Aug 7, 1914

sky clear

LC obs.

9 41 20	shd	17.08	Air T = 17.6 C	
43 00	—	17.18	- 0.10	
20	Exp	17.84	3.67 + 0.20	= 3.87
45 00	—	21.51		
20	shd	21.52	0.50	
47 00	—	21.02		
20	Exp	21.59	3.30 + 0.71	= 4.01
49 00	—	24.89		<u>3.94</u>
20	shd	24.76	0.92	
9 51 00	—	23.84	Air T = 18.7 C	

Hygro = 38.5 Wet B = 3 C, Dry B = 17.5 C, at 10:00

sky 1 Cu NE hazy.

11 13 20	shd	18.75	Air T = 19.4 C	
15 00	—	18.77	- 0.02	
20	Exp	19.42	4.04 + 0.29	= 4.33
17 00	—	23.46		
20	shd	23.38	0.60	
19 00	—	22.78		
20	Exp	23.36	3.30 + 0.805	= 4.105
21 00	—	26.66		<u>4.218</u>
20	shd	26.54	1.01	
11 23 00	—	25.53	Air T = 20.0 C	

Aug 7, 1914

Shy 1 Cu velocity

P. B. Bk.
windy

11 23 20	shd	25.30	Air T = 20.2c	
25 00	—	24.52	0.78	
20	Exp	25.14	3.21 + 1.00	= 4.21
27 00	—	28.35		
20	shd	28.24	1.22	
29 00	—	27.02		
20	Exp	27.48	2.79 + 1.34	= 4.13
31 00	—	30.27		<u>4.17</u>
20	shd	30.03	1.46	
11 33 00	—	28.57	Air T = 19.4c	

Hygriograph = 38.0 at 11.35

Sat. Aug. 8, 1914

Shy 1 Cn long. L.C. Obs

9 43 20	Shd	17.37	Air T = 19.2 C.
45 00	—	17.42	-0.05
20	Eff	18.14	$3.78 + 0.265 = 4.045$
47 00	—	21.92	
20	Shd	21.95	0.58
49 00	—	21.37	
20	Eff	21.96	$3.21 + 0.78 = 3.99$
51 00	—	25.17	<u>4.018</u>
20	Shd	25.11	0.98
9 53 00	—	24.13	Air T = 19.4 C

at 10:02

Hygro = 330

Wet B = 75 C; Dry B = 19.9 C

Shy 1 Cn long

11 29 20	Shd	18.66	Air T = 19.4 C
31 00	—	18.71	-0.05
20	Eff	19.37	$3.80 + 0.29 = 4.09$
33 00	—	23.17	
20	Shd	23.20	0.63
35 00	—	22.57	
20	Eff	23.16	$3.37 + 0.25 = 4.195$
37 00	—	26.53	<u>4.142</u>
20	Shd	26.50	1.02
11 39 00	—	25.48	Air T = 20.4 C

Hygro = 31.0

at 11:40

Tues Aug 11th 1914

Sky 3

1000
Air T. 22.20

9 44	20	Shad	17	36	
46 00	—		17	40	-04
46 20	Exp		18	20	
48 00	—		22	08	3.48 + .215 = 3.695
48 20	Shad		22	00	
50 00	—		21	53	.47
50 20	Exp		22	18	
52 00	—		25	60	3.42 + .67 = 4.09
52 20	Shad		25	47	
54 00	—		24	60	.87
54 20	Exp		25	12	
56 00	—		28	23	3.11 + 1.02 = 4.13
56 20	Shad		28	07	4.11
58 00	—		28	90	1.17

Observed
by
smoke

Hygrometer - 36.0 at 10:00

W.B. = 9.4 C DB = 21.8 C

Air T. = 23.0 C

Aug 11 1914

Sky clear

No obs

Air T = 19.8°C

11 32 20	Shad	19 28	
34 00	—	19 30	.02
34 20	Elf	20 06	
36 00	—	23 93	3 87 + .285 = 4.155
36 20	Shad	23 89	
38 00	—	23 30	.59
38 20	Elf	23 96	
40 00	—	27 39	3 43 + .775 = 4.205
40 20	Shad	27 24	4.175
42 00	—	26 28	.96

Spectrograph: 345 at 11:45

Air T: 21.8°C

Wed. Aug. 12, 1914

P.C. Ols

Sky clear

9 37 20	Shd	16.58	Air T = 14.4
39 00	—	16.63	-0.05
20	Exp	17.34	3.72 + 0.255 = 3.975
41 00	—	21.06	
20	Shd	21.07	0.56
43 00	—	20.51	
20	Exp	21.11	3.31 + 0.77 = 4.08
45 00	—	24.42	0.055
20	Shd	24.38	0.98
9 47 00	—	24.40	Air T = 20.4 C

at 9:55, Wet B = 8.6 C; Dry B = 18.8 C. Hygro = 37.5.

Sky clear

P.C. Ols

11 11 20	Shd	18.26	Air T = 19.0 C
13 00	—	18.34	-0.08
13 20	Exp	19.02	3.94 + 0.225 = 4.165
15 00	—	22.96	
20	Shd	22.97	0.53
17 00	—	22.44	
20	Exp	23.01	3.45 + 0.74 = 4.19
19 00	—	26.46	4.17 A
20	Shd	26.39	0.95
11 21 00	—	25.44	Air T = 20.8 C

Hygro = 34.5 at 11:23

Fri. Aug 14th 1914

131

Sky clear

W. O. O.

Air T: 19.0 C

8 57 20 Shad 16 83

59 00 — 16 90 - .07

59 20 Exp 17 60

9 01 00 — 21 34 $3.74 + .27 = 4.01$

61 20 Shad 21 31

63 00 — 20 70 .61

63 20 Exp 21 33

65 00 — 24 65 $3.32 + .765 = 4.085$

65 20 Shad 24 52 4.047

67 00 — 23 60 .92

Air T: 22.2 C

Hygrometer: 40.5 at 9.09 W.B.: 8.4 C D.B.: 18.0 C

W. O. O.

Sky hazy

Windy

Air T: 19.0 C

10 53 20 Shad 18 33

55 00 — 18 36 - .03

55 20 Exp 19 10

57 00 — 22 98 $3.78 + .28 = 4.06$

57 20 Shad 22 93

59 00 — 22 34 .59

59 20 Exp 23 03

11 01 00 — 26 35 $3.32 + .795 = 4.115$

01 20 Shad 26 19 4.087

03 00 — 25 19 1.00

Hygrometer: 38.5 at 11.05

Air T: 20.2

Aug. 14, 1914

PC Ob

Sky clear

1	17	20	Shd	19.08	Air T = 21.6 C
	19	00	—	19.12	- 0.04
		20	Exp	19.89	$3.93 + 0.235 = 4.165$
	21	00	—	23.82	
		20	Shd	23.81	0.51
	23	00	—	23.30	
		20	Exp	23.82	$3.44 + 0.705 = 4.145$
	25	00	—	27.26	<u>4.155</u>
		20	Shd	27.14	0.90
1	27	00	—	26.24	Air T = 25.4

Hygrometer = 37.5 at 1.29

PC Ob

Sky clear

3	11	20	Shd	20.33	Air T = 21.0 C
	13	00	—	20.36	- 0.03
		20	Exp	20.97	$3.51 + 0.25 = 3.76$
	15	00	—	24.42	
		20	Shd	24.49	0.53
	17	00	—	23.96	
		20	Exp	24.50	$3.00 + 0.735 = 3.735$
	19	00	—	27.50	<u>3.740</u>
		20	Shd	27.46	0.94
3	21	00	—	26.52	Air T = 24.0 C

Hygro = 37.0 at 3.23

Sat. Aug 15, 1914

Sky 1 Cu hazy.

AC Obz

1	15	20	Shd	12.78	Air T = 21.2 C
	17	00	—	18.88	- 0.10
		20	Exp	19.53	$3.96 + 0.315 = 4.175$
	19	00	—	23.49	
		20	Shd	23.50	0.53
	21	00	—	22.97	
		20	Exp	23.60	$3.44 + 0.735 = 4.175$
	23	00	—	27.04	<u>4.175</u>
		20	Shd	27.06	0.94
1	25	00	—	26.12	Air T = 22.2 C

Hygro = 32.5

Wet B = 9.0 C. Dry B = 20.5 C. } 1.28

AC Obz

6 Sky Clear

3	46	20	Shd	20.28	0.02 Air T = 21.2 C
	48	00	—	20.26	
		20	Exp	20.90	$3.29 + 0.27 = 3.56$
	50	00	—	24.19	
		20	Shd	24.22	0.52
	52	00	—	23.70	
		20	Exp	24.20	$2.86 + 0.71 = 3.55$
	54	00	—	27.04	<u>3.555</u>
		20	Shd	27.00	0.90
3	56	00	—	26.10	Air T = 23.0 C

Hygro = 39.0 at 3.58

Tues Aug 18, 1914

L. C. Cobb

Sky Clear, exceptionally so.

12	46	20	Shd	18.20	Air T = 21.4 C
	48	00	—	18.28	- 0.08
		20	Exp	19.06	4.14 + 0.225 = 4.365
	50	00	—	20.20	
		20	Shd	23.22	0.53
	52	00	—	22.69	
		20	Exp	23.33	3.67 + 0.675 = 4.345
	54	00	—	27.00	<u>4.355</u>
		20	Shd	26.90	0.82
12	56	00	—	26.08	Air T = 24.5 C

Hygro = 33.5 wet B = 10.6 C. Dry B = 21.9 C. at 1.00

Sky clear

L. C. Cobb

3	48	20	Shd	20.16	Air T = 25.9 C
	50	00	—	20.15	- 0.01
		20	Exp	20.86	3.48 + 0.25 = 3.73
	52	00	—	24.34	
		20	Shd	24.35	0.51
	54	00	—	23.84	
		20	Exp	24.22	2.91 + 0.75 = 3.66
	56	00	—	27.13	<u>3.695</u>
		20	Shd	27.00	0.99
3	58	00	—	26.01	Air T = 24.0 C

Mean Air T = 23.4 C

Hygro = 43.0 at 4.00

Wed. Aug. 19, 1914

L.C. Obs.

Sky Very Clear.

Windy

1 00	20	Shd	18.10	air T = 20.2 C
02	00	—	18.18	- 0.08
	20	Exp	18.92	4.04 + 0.235 = 4.275
04	00	—	22.96	
	20	Shd	22.98	0.55
06	00	—	22.43	
	20	Exp	23.01	3.51 + 0.755 = 4.265
08	00	—	26.52	Mean = 4.270
	20	Shd	26.42	0.96
1 10	00	—	25.46	Air T = 22.2 C
				Mean Air T = 21.2 C

Hygro = 36.5

Wet B = 7.6 C. Dry B = 19.0 C } 1.12

Sky clear Windy

Air T = 21.0 C 20 lbs

3 00	20	Shad	19.60	
02	00	—	19.64	- 0.04
02	20	Exp	20.36	
04	00	—	23.99	3.63 + 0.265 = 3.895
04	20	Shad	23.93	
06	00	—	23.36	.57
06	20	Exp	23.97	
08	00	—	27.08	3.11 + 0.775 = 3.885
08	20	Shad	26.92	3.89
10	00	—	25.94	.98

Air T = 23.8 C

Hygro = 39.5 at 3.11

Thurs. Aug 20 1914

Sky clear

W. C. C.

1 19 W	Shad	17 97	Air T = 20.2 C
21 00	—	18 08.11	
21 20	Exp	18 88	
23 00	—	22 87 3.99 + 21 = 4.20	
23 20	Shad	22 83	
25 00	—	22 30.53	
25 20	Exp	23 00	
27 00	—	26 48 3.49 + 7.45 = 4.225	
27 20	Shad	26 35	4.217
29 00	—	25 39.96	Air T = 23.1 C

Hygro = 34.0 at 1.31

W.B. = 7.8 C D.B. = 19.5 C

Sky clear

L. C. C.

3 06 20	Shad	19.74	Air T = 20.6 C
6 8 00	—	19.76	-0.02
20	Exp	20.46	3.61 + 0.27 = 3.88
10 00	—	24.07	
20	Shad	24.09	0.56
12 00	—	23.53	
20	Exp	24.11	3.19 + 0.74 = 3.93
14 00	—	24.30	3.905
20	Shad	24.30	0.92
3 16 00	—	26.38	Air T = 22.2 C

Mean T = 21.4 C

Hygrometer = 35.0 at 3.18

Fri. Aug ~~22~~ 1914
21

137

sky clear

Cu even 2 hrs.

~~Windy~~

HO. Obs

Air T = 21.8 C

1	03	20	Shad	18	18	
	05	00	—	18	22	-0.5
	05	20	Exp	19	02	
	07	00	—	22	91	$3.89 + 2.35 = 4.125$
	07	20	Shad	22	90	
	09	00	—	22	38	.52
	09	20	Exp	23	07	
	11	00	—	26	18	$3.41 + .71 = 4.12$
	11	20	Shad	26	35	4.122
	13	00	—	25	45	.90

Hygro = 33.5 at 1/16 W.B = 8.6 C R.B = 21.0 C

Air T = 24.9 C

Shy, 1 Citic horz. Windy. PC OB
 Sky not as clear & transparent as recent days

2	38	20	Shd	20.36		Air T = 22.4 C
	40	00	—	20.46	-0.04	
		20	Exp	21.04	$3.89 + 0.22 = 4.01$	
	42	00	—	24.83		
		20	Shd	24.80	0.52	
	44	00	—	24.28		
		20	Exp	24.96	$3.18 + 0.78 = 3.96$	
	46	00	—	28.14		3.985
		20	Shd	28.08	1.04	
2	48	00	—	27.04		Air T = 23.1 C

Hygrogroph = 32.5 at 2.50

Sat. Aug 22, 1914

L.C. O'Brien

Sky clear

windy

1 04 20	Shd	18.74	Air T = 21.4 C
06 00	—	18.82	-0.08
20	Eff	19.60	4.04 + 0.195 = 4.235
08 00	—	23.64	
20	Shd	23.64	0.47
10 00	—	23.17	
20	Eff	23.73	3.57 + 0.65 = 4.22
12 00	—	27.30	<u>4.22</u>
20	Shd	27.23	0.83
1 14 00	—	26.40	Air T = 23.4 C

Hygro = 31.0

Wet B = 8.3 C. Dry B = 21.7 C. at 1.16

L.C. O'Brien

Sky clear

Not so windy

2 48 20	Shd	20.60	Air T = 22.4 C
50 00	—	20.63	-0.03
50 20	Eff	21.33	3.73 + 0.255 = 3.985
52 00	—	25.06	
52 20	Shd	25.03	0.54
52 00	—	24.49	
54 20	Eff	25.09	3.34 + 0.77 = 4.010
56 00	—	28.33	<u>3.998</u>
56 20	Shd	28.22	1.00
2 58 00	—	27.22	Air T = 23.2 C

Hygro = 32.0 at 3.00

Mon. Aug 24, 1914

Sky 2 Cir Hazy. L.C. Obs.
Sun Clear Windy.

1	02	20	Shd	1801		Air T = 20.0 C	
	04	00	—	1809	-00.8		
		20	Exp	18.80	3.97	+0.195	= 4.165
	06	00	—	22.77			
		20	Shd	22.79	0.47		
	08	00	—	22.32			
		20	Exp	22.18	3.41	+0.735	= 4.145
	10	00	—	26.29			<u>4.155</u>
		20	Shd	26.21	1.00		
	12	00	—	25.21			

Air T = 21.0 C

1.14 = Hygro = 37.5, WRT B = 8.7 C. Dry B = 19.1 C.

Junes. Aug 25th 1914

Sky 2 on lake house

Wolfe
in J. 194C

1 22 20	Shad	17 88	
24 00	—	17 93 - 05	
24 20	Eup	18 70	
26 00	—	22 47 3.77 + 22 = 3.99	
26 20	Shad	22 40	
28 00	—	21 89 - 449	
28 20	Eup	22 52	
30 00	Shad	26 43	
31 20	Shad	25 80 .46	
33 00	Eup	25 23 .57	
33 20	Eup	25 80	
35 00	Shad	28 72 2.92 + 92 = 3.84	
35 20	Shad	28 50	
37 00	Eup	27 23 1.27	
37 20	Eup	27 72	
39 00	Shad	30 35 2.63 + 1.36 = 3.99	
39 20	Shad	30 10	3.915
41 00	—	28 65 1.45	

Hygro = 41.5 at 144 N.B. = 80°C D.B. = 18.3°C

in J. 20.4C

Fri Aug 28, 1914

Sky / Cu. hazy

L.C. Ob.

1 04 20	Shd	17.97	Air T = 20.6 °C
06 50	—	18.07	- 0.10
20	Exp	18.79	4.00 + 0.20 = 4.20
08 50	—	22.79	
20	Shd	22.79	0.50
10 50	—	22.29	
20	Exp	22.89	3.48 + 0.70 = 4.18
12 50	—	26.37	
20	Shd	26.32	0.90
1 14 50	—	25.42	<u>4.19</u>

Air T = 24.8 °C

1:16 = Hygro = 37.5 Wt B = 10.30. Dry B. = 20.0.

L.C. Ob.

Sky / Cu hazy	2 48 20	Shd	20.02	Air T = 21.0 °C
	50 50	—	20.04	- 0.02
	20	Exp	20.77	3.70 + 0.265 = 3.965
	52 50	—	24.47	
	20	Shd	24.47	0.55
	54 50	—	23.92	
	20	Exp	24.46	3.30 + 0.715 = 4.015
	56 50	—	27.76	<u>3.990</u>
20	Shd	27.70	0.88	
2 58 50	—	26.82	Air T = 26.0 °C	

Hygograph = 35.5 at 3.00

142

~~Tuesday Sept 22nd 1914~~
 wed Sept 2, 1914

Sky - Cu 2 Low Windy.

no Obs

Air Y = 20.3 °C

1 05 20 Shad 18 00

07 00 — 18 06 - 0.6

07 20 Egg 18 78

09 00 — 22 63 3.85

09 20 Shad 25 64

11 00 — 24 67 .97

11 20 Egg 25 22

13 00 — 28 17 $2.95 + 1.125 = 4.075$

13 20 Shad 27 96

15 00 — 26 68 - 1.28

A = 8

~~no obs.~~

15 20 Egg 27 20 A = 8

17 00 — 29 92 $2.72 + 1.38 = 4.10$

17 20 Shad 29 67

4.087

19 00 — 28 19 1.48

Air Y = 21.0 °C

Drypan = 38.0 at 1 23

W. B. = 7.9 °C

D. B. = 18.9 °C

Sat. Sept. 5, 1914

R.C. Ubr.

Sky 1 Cu heavy clear

8 53 20	Shd	16.78	Air T =	17. A	C
55 00	—	16.92	- 0.14		
20	Exp.	17.63	3.65 + 0.19 =	3.84	
57 00		21.28			
20	Shd	22.42	0.52		
59 00	—	21.90			
01 20	Exp	22.33	3.05 + 0.80 =	3.85	
00	—	25.38		<u>3.845</u>	
20	Shd	25.29	1.08		
9 03 00	—	24.21			

Hygro = 45.5 at 9:05 Air T = 16.4 C

Mon Sept 7, 1914

Wolbach

Skp 4 Cu Air Scatt 0 clear

11 05 20	Shd	17.12	Air T = 22.3 C
07 00	—	17.22	-0.10
20	Exp	17.97	3.47 + 0.185 = 4.055
09 00	—	21.84	
20	Shd	21.83	0.47
11 00	—	21.36	
20	Exp	21.96	3.46 + 0.66 = 4.12
13 00	—	25.42	<u>4.08</u>
20	Shd	25.33	0.85
11 15 00	—	24.48	Air T = 23.6 C

Hygro = 40.0 at 11:17

Skp 4 Cu Air 4 Scatt 0 clear

Wolbach

2 50 20	Shad	18.55		Air Temp = 20.0 C
52 00	—	18.61	-0.06	
52 20	Exp	19.30		
54 00	—	22.83	3.53 + 0.215 = 3.745	
54 20	Shad	22.80		
56 00	—	22.31	.49	
56 20	Exp	22.90		
58 00	—	26.00	3.10 + .665 = 3.765	
58 20	Shad	25.84	3.755	Air T = 24.8
3 00 00	—	25.00	.84	22.40

Hygrograph: 44.0 at 3.01

Tuesday Sept 8th 1914

145

Sky 2 ~~Sta~~^{Cul} horz.

W. B. O'Brien

Air T: 21.5 C

1 10 20	Shad	18 49	
12 00	—	18 60	-11
12 20	Epp	19 37	
14 00	—	23 21	$3.84 + .175 = 4.015$
14 20	Shad	23 18	
16 00	—	22 72	.46
16 20	Epp	23 35	
18 00	—	26 70	$3.75 + .665 = 4.015$
18 20	Shad	26 60	4.015
20 00	—	25 23	.87

Xygo = 38.5 at 1.23

W.B: 11.2 C

XB: 21.2 C

Air T: 25.0 C

237 C

Wednesday Sept 9th 1914

Chy C lid 5 seats 0 clear

W. L. B.

At 7.20 P.C.

2 53-20 Shad 19 28

57 00 ~~8~~ 19 32 - 04

57 20 Exp 20 01

59 00 — 23 62

$3.64 + 23.5 = 3.875$

59 20 Shad 23 58

3 01 00 — 23 07 5.51

01 20 Exp 23 63

03 00 — 26 76 $3.12 + 76 = 3.88$

03 20 Shad 26 60

3.863

05 00 — 25 59

1.01

At 7.24 P.C.

Range = 41.0

WB = 10.0 C

DB = 19.3 C

at 3.08 mean = 22.5 C

Fri Sept. 11, 1914

Sky 2 Ci Cis Scaat

☉ clear

A.C. Ch.

Windy

1	36	20	Shd	18.52	Air T =	19.8 C
	38	00	—	18.52	-0.06	
		20	Suff	19.28	4.04 + 0.26 =	4.30
	40	00	—	23.32		
		20	Shd	23.32	0.58	
	42	00	—	22.74		
		20	Suff	23.28	3.56 + 0.88 ⁴	= 4.40
	44	00	—	26.84		
		20	Shd	26.76	1.10	<u>4.35</u>
1	46	00		25.66		

34.5 = Hygrograph \pm 2 Air T = 22.4 C at 1.4 A

Wet B = 9.0 C

Dry B = 19.1 C

Sat Sept 12 1914

R. Ch

Sky clear

windy.

1	12	20	Shd	17.87	Air T = 21.2 C
	14	00	—	17.96	-0.09
		20	Exp	18.70	$4.23 + 0.29 = 4.43$
	16	00	—	22.93	
		20	Shd	22.91	0.49
	18	00	—	22.42	
		20	Exp	23.00	$3.55 + 0.72 = 4.27$
	20	00	—	26.55	<u>4.35</u>
		20	Shd	26.53	0.95
1	22	00	—	25.58	Air T = 24.4 C

Hygro = 27.5
 WSB = 8.0
 Dry B = 20.1

1.33

Same again.

1	22	20	Shd	25.46	0.68	Air T = 25.0 C
	24	00	—	24.78		
		20	Exp	25.48	$3.35 + 0.905 = 4.255$	
	26	00	—	28.83		
		20	Shd	28.72	1.13	
	28	00	—	27.59		
		20	Exp	28.10	$3.12 + 1.23 = 4.350$	
	30	00	—	30.22		<u>4.302</u>
		20	Shd	31.01	1.33	
1	32	00	—	29.68	Air T = 24.6 C	

7

Sat. ~~Sept~~ Sept 12th 1914

149

Sky 0

Windy

No clbs

Air = 22.1 C

3 01 20	Shad	20 12	
03 00	—	20 15	-.03
03 20	Exp	20 86	
05 00	—	24 60	$3.76 + 285 = 4.025$
05 20	Shad	24 53	
07 00	—	28 93	.60
07 20	Exp	24 50	
09 00	—	27 69	$3.19 + 82 = 4.01$
09 20	Shad	27 56	4.018
11 00	—	26 52	1.04

Hygograph 30.0 at 3.14

Air = 24.1

23.1 C

Monday, Sept 14 1914

sky A at 2 hrs.

200 lbs

Aug: 230

3 05 20	Shad	1864	
07 00	—	18 71	.07
07 20	Exp	19 50	
09 00	—	23 23	$3.73 + .225 = 3.955$
09 20	Shad	23 20	
11 00	—	22 68	.52
11 20	Exp	23 32	
13 00	—	26 61	$3.29 + .72 = 4.01$
13 20	Shad	26 49	3.987
15 00	—	25 57	92

Aug 10 = 31.0

W. B = 94 C 3 17

D. B = 19.8 C

Aug 10 = 25.1 C

24.0 C

Tues. Sept. 15, 1914

Hy 2 Ci Cist this. Scatt.

P. C. O. B.
windy

1	26	20	Shd	17.87	Air T = 20.6 C
	28	00	—	17.94	- 0.07
		20	Exp	18.73	4.10 + 0.24 = 4.34
	30	00	—	22.83	
		20	Shd	22.83	0.55
	32	00	—	22.28	
		20	Exp	22.90	3.58 + 0.75 = 4.33
	34	00	—	26.48	<u>4.335</u>
		20	Shd	26.37	0.95
1	36	00	—	25.42	Air T = 22.4 C

Hygro = 2 f. 5, wet B = 1.6 C, dry B = 20 C, at 1.38

Wednesday Sept 16 1914

Sky clear

No obs

Air Y = 19.6 C

1 00	20	Shad	17 23	
02 00	—		17 30	- .07
02 20	Exp	18 11		
04 00	—	22 20	4.09 + .245 =	4.335
04 20	Shad	22 14	4.09	
06 00	—	21 58	- .56	
06 20	Exp	22 25		
08 00	—	25 80	3.55 + .78 =	4.33
08 20	Shad	25 66		4.333
10 00	—	24 66	1.00	

Hygro = 32.0

WB = 7.7 C

DB = 18.8 C

at 1.14

Air Y = 20.0 C

19.8 C

No obs

Air Y = 22.0 C

Sky clear

Windy

2 40	20	Shad	19 20	
42 00	—		19 21	- .01
42 20	Exp	19 96		
44 00	—	23 72	3.76 + ³⁰ .27 =	4.06
44 20	Shad	23 68		
46 00	—	23 07	.65	
46 20	Exp	23 70		
48 00	—	27 02	3.32 + ^{.815} .77 =	4.135
48 20	Shad	26 57		4.085
50 00	—	25 84	1.03	4.098

Air Y = 22.4 C

22.2 C

Hygro = 32.5 at 3.52

Thurs. Sept 17, 1914

L.C. obs.

Skys 1 Cln NE Hwy.

1	16 20	Shd	17.20	Air T =	19.6 C
	18 00	—	17.26	—	0.06
	20	Exp	18.00	$4.10 + 0.23 = 4.33$	
	20 00	—	22.10		
	20	Shd	22.09	0.52	
	22 00	—	21.57		
	20	Exp	22.20	$3.62 + 0.71 = 4.33$	
	24 00	—	25.22	<u>4.33</u>	
	20	Shd	25.7A	0.90	
1	26 00	—	24.88	Air T =	22.4 C

1:28 = Hygro = 30.0 wet B = 8.4 C. Dry B = 19.7 C.

Skys 1 Cln NE Hwy.

2	56 20	Shd	19.63	Air T =	20.6 C
	58 00	—	19.61	0.02	
	20	Exp	20.36	3.72	$+0.30 = 4.02$
3	00 00	—	24.0A		
	20	Shd	24.0A	0.5A	
	12 00	—	23.50		
	20	Exp	24.10	3.23	$+0.11 = 4.04$
	04 00	—	27.33		<u>4.03</u>
	20	Shd	27.22	1.04	
3	06 00	—	26.1A	Air T =	23.2 C

Hygro = 33.5 at 3.0 %.

Fri. Sept 18th 1914

Sky clear in 3 horz + clear Ocean Windy

WOLFE

21.00

1 06 20 Shad 17 47

08 00 — 17 56 — .09

08 20 Exp 18 34

10 00 — 22 36 $4.02 + 20 = 4.22$

10 20 Shad 22 33

12 00 — 21 84 — .49

12 20 Exp 22 56

14 00 — 26 02 $3.46 + .665 = 4.125$

14 20 Shad 25 82

Hygro: 30.0
 W.B.: 8.3 C } At
 A.B.: 20.4 C } 1:20

16 00 — 24 98

.84

4.167

4.172

An Y = $\frac{21.45}{21.25}$
 WOLFE

Sky clear

3 25 20 Shad 19.10

An Y = 20.1 C

27 00 — 19 15 — .05

27 20 Exp 19 48

29 00 — 23 44 $3.56 + .24 = 3.80$

29 20 Shad 23 40

31 00 — 22 87 .53

31 20 Exp 23 48

33 00 — 26 57 $3.09 + .715 = 3.805$

33 20 Shad 26 43

3.803

35 00 — 25 53 .90

Hygro = 30.0 at 3:37

An Y = 22.3

21.2 C

Friday Sept 25th 1914

155

no obs

Air W: 19.8 e

1 09 w Shad 18 40

11 00 —

11 20 Eup

13 00 —

13 20 Shad

15 00 —

15 20 Eup

17 00 —

17 20 Shad

19 00 —

19

Yoo cloudy

Air W: —

e

Sat. Sept. 26, 1914

L. C. Obz.

Sky 0

1 00	2	Shd	17.85	Air T = 19.0 C
02 00	—	—	17.90	- 0.05
04 00	20	Exp	18.66	4.06 + 0.24 = 4.30
06 00	—	—	22.72	
08 00	20	Shd	22.69	0.53
10 00	—	—	22.16	
12 00	20	Exp	22.80	3.60 + 0.75 = 4.35
14 00	—	—	26.40	4.325
16 00	20	Shd	26.34	0.97
18 00	—	—	25.37	Air T = 23.4 C

Hygro = 41.0 WTR = 8.8 C. Dry B = 1.89, at 1.12

Sky 1 C horz Windy

L. C. Obz.

2 47	20	Shad	19.46	Air T = 20.0 C
49 00	—	—	19.47	- 0.01
49 20	Exp	20.22		
51 00	—	—	23.91	3.69 + 3.05 = 3.995
51 20	Shad	23.85		
53 00	—	—	23.23	.62
53 20	Exp	23.82		
55 00	—	—	27.00	3.17 + 8.3 = 4.00
55 20	Shad	26.84		3.998
57 00	—	—	25.80	1.04

Air T = 23.4

Hygro = 42.5 at 2.59

21.7

Sun. Sept. 27, 1914

L.C. O'Brien

Windy

Sky clear

109	20	Shd	17.44	Air T = 19.6 C
11	00	—	17.49	- 0.05
	20	Exp	18.23	3.97 4.07 + 0.285 = 4.355
13	00	—	22.24	
	20	Shd	22.32	0.62
15	00	—	21.70	
	20	Exp	22.26	3.50 + 0.81 = 4.31
17	00	—	25.76	<u>4.332</u>
	20	Shd	25.62	1.00
119	00	—	24.62	Air T = 20.0 C

Hygograph = 45.5 Wst B = 89.3C. Dry B = 17.4C at 122

Windy

Sky clear W.C. O'Brien

246	20	Shad	19 20	Air T = 20.00
48	00	—	19 30 00	
48	20	Exp	19 94	
50	00	—	23 68	3.74 + .315 = 4.055
50	20	Shad	23 60	
52	00	—	22 99	.63
52	20	Exp	23 62	
54	00	—	26 83	3.25 + .85 = <u>4.10</u>
54	20	Shad	26 67	4.058
56	00	—	25 60	1.07
				Air T = 23.0 C

Hyg. = 45.0 at 2.37

21.5 C

Monday Sept 28th 1914

Sky ~~clear~~ C 28.3 hr

WOLB
Air V = 20.4 C

12 56 20	Shad	17 40	
57 00	—	17 47	- .07
58 20	Exp	18 28	
1 00 00	—	22 34	$4.06 + 225 = 4 285$
00 20	Shad	22 29	
02 00	—	21 77	.52
02 20	Exp	22 45	
04 00	—	26 00	$3.55 + 74 = 429$
04 20	Shad	25 86	4288
06 00	—	24 90	.96

W. 13 = 10.3 D 13 = 20.5 C

Air V = 24.2 C
22.3 C

Sept. 29, 1914. Tues.

LC Obs.

Windy

Sky clear

12 57 20	Shd	17.44	Air T = 22.0 C
59 00	—	17.90	- 0.06
20	Exp	18.72	4.11 + 0.225 = 4.335
1 01 00	—	22.43	
20	Shd	22.44	+ 0.51
03 00	—	22.33	
20	Exp	22.98	3.63 + 0.69 = 4.320
05 00	—	26.61	<u>4.328</u>
20	Shd	26.57	0.88
1 07 00	—	25.69	Air T = 23.6 C

1:10

Hygro = 37.5 wet θ = 10.7°C. Dry θ = 21.5°C.
 Sky clear Windy No obs.

2 50 20	Shad	19 55	Air T = 23.2 C
52 00	—	19 58 - 0.3	
52 20	Exp	20 32	
54 00	—	24 11	3.79 + 2.7 = 4.06
54 20	Shad	24 07	
56 00	—	23 50	.57
56 20	Exp	24 12	
58 00	—	27 40	3.28 + 7.45 = 4.025
58 20	Shad	27 26	4.043
3 00 00	—	26 34	4.92

Hygro = 37.0 at 3:02 PM

24.8
24.5

✓

Sun. Oct. 4, 1914

L.C. Ob

Sky clear Windy

1 16 20 Shd 17.65 Air T = 20.0 C
 18 00 — 17.67 - 0.03
 20 Exp 18.41 4.05 + 0.265 = 4.315

20 00 — 22.46
 20 Shd 22.50 0.56

22 00 — 21.94
 20 Exp 22.62 3.46 + 0.76 = 4.22

24 00 — 26.0 A 4.202
 20 Shd 26.01 0.96

1 26 00 — 25.05 Air T = 20.4 C

1: 20 = Hygro at 2.0 wt B = 9.10 Dry B = 19.1 C
 Sky 0 Windy NO Obs

2 56 20 Shd 19.27 Air T = 22.0 C
 58 00 — 19.28 .01

58 20 Shd 20.00
 3 00 00 — 23.47 3.47 + .27 = 3.74

00 20 Shd 23.42

02 00 — 22.87 .55

02 20 Exp 23.48

04 00 — 26.50 3.02 + .75 = 3.77

04 20 Shd 26.35 3.755

06 00 — 25.40 .95

Hygro = 4.50 at 3.08

Exp
 Shd

Air T = 22.5 C
 22.4 C

C

Fri Oct 9, 1914

Shy 1 in horz.

L.C. obs.
Windy

1	56	20	Shd	18.68	Air $\bar{T} = 21.3^{\circ}\text{C}$
	58	00	—	18.74	-0.06
		20	Exp	19.42	$3.98 + 0.19 = 4.17$
2	00	00	—	23.00	
		20	Shd	23.37	0.44
	02	00	—	22.93	
		20	Exp	23.44	$3.44 + 0.65 = 4.09$
	04	00	—	26.92	<u>4.13</u>
		20	Shd	26.78	0.86
2	06	00	—	25.92	Air $\bar{T} = 23.0^{\circ}\text{C}$

Hygro = 39.5 at 2:00

Wet B = 100.0

Dry B = 21.0

Shy clear

L.C. obs.

2	58	20	Shd.	21.42	Air $\bar{T} = 20.6^{\circ}\text{C}$
3	00	00	—	21.38	+0.04
		20	Exp	22.00	$3.53 + 0.31 = 3.84$
	02	00	—	25.53	
		20	Shd	25.54	0.58
	04	00	—	24.96	
		20	Exp	25.51	$3.00 + 0.81 = 3.81$
	06	00	—	28.51	<u>3.825</u>
		20	Shd	28.42	1.04
3	08	00	—	27.38	Air $\bar{T} = 22.2^{\circ}\text{C}$

Hygro = 39.5 at 3:10

Windy

Sat Oct 10, 1914

Sky clear

LCCbs.

windy

12 53 20	Shd	18.39	Air T = 21.7 C
55 00	—	18.49	— 0.10
20	Exp	19.20	$3.96 + 0.195 = 4.153$
57 00	—	23.16	
20	Shd	23.19	0.49
59 00	—	22.70	
20	Exp	23.37	$3.45 + 0.68 = 4.13$
1 01 00	—	26.82	<u>4.142</u>
20	Shd	26.77	0.87
1 03 00	—	25.90	Air T = 25.4 C

1:05

Hygro = 390 Wrt B = 10.0 C
 Dry B = 215 C

Sky clear

Wdbs

2 57 20	Shad	20.02	Air T: 22.0 C
59 00	—	20.63	— .01
59 20	Exp	20.75	
3 01 00	—	24.38	$3.63 + .31 = 3.94$
01 20	Shad	24.40	
03 00	—	23.77	.63
03 20	Exp	24.40	
05 00	—	27.50	$3.10 + .80 = 3.90$
05 20	Shad	27.39	3.92 Air T 24.4 C
07 00	—	26.43	.97
			<u>23.2 C</u>

Hygro = 380 at 3:09

C

Sun Oct. 11, 1914

LCCB

sky clear 1 hr long

1 11 20	Shd	53.47	Air T = 21.6 C
13 00		18.60	- 0.13
20	Exp	19.24	3.90 + 0.18 = 4.16
15 00		23.22	
20	Shd	23.23	0.49
17 00	—	22.74	
20	Exp	23.32	3.56 + 0.69 = 4.25
19 00	—	26.88	4.205
20	Shd	26.82	0.89
1 21 00	—	25.93	Air T = 22.8 C
Hygro = 35.0		Wet B = 10.0 C	
		Dry B = 21.7 C	

Thurs Oct. 15, 1914

L.C. Obs.

Sky Clear

1	13 20	Shd	18.20	Air T = 21.6 C
	15 00	—	18.28	-0.08
	20	Exp	19.01	$4.27 + 0.22 = 4.49$
	17 00	—	23.28	
	20	Shd	23.24	0.52
	19 00	—	22.72	
	20	Exp	23.34	$365 + 0.72 = 443$
	21 00	—	26.99	
	20	Shd	26.92	0.92
1	23 00	—	26.00	Air T = 22.5 C

1:25

Hygro = 39.5 Wt B = 100 C. Dry B = 20.5 C,
 Sky a bit 3 loc. K.O. Obs.

2	44 20	Shad	20 34	Air T = 23.2
	46 00	—	20 37	-0.03
	46 20	Exp	21 16	
	48 00	—	25 06	$3.90 + 265 = 4.165$
	48 20	Shad	25 02	
	50 00	—	24 46	.56
	50 20	Exp	25 12	
	52 00	—	28 58	$3.46 + 725 = 4.185$
	52 20	Shad	28 43	4.175
	54 00	—	27 44	.99

Air T = 29.0
~~29.0~~
 26.1

Hygograph = 45.0 at 2 59

C

Friday Oct 16th 1914

165

Sky clear

No obs

Air Y = 20.4 C

1 09 20	Shad	17 86	
11 00	—	17 94	-.08
11 20	Epp	18 72	
13 00	—	22 81	4.09 + .235 = 4.325
13 20	Shad	22 78	
15 00	—	22 23	.55
15 20	Epp	22 94	
17 00	—	26 58	36 4 + .74 = 43.8
17 20	Shad	26 43	4.353
19 00	—	25 50	.93

Aggro = 37.0 at 1.22 WB: 9.7 C & B = 21.3 C

Air Y = 26.8 C

23.5 C

Sky clear

No obs

2 52 20	Shad	19 94	
54 00	—	19 95	-.01
54 20	Epp	20 73	
56 00	—	24 53	3.80 + .295 = 4.095
56 20	Shad	24 48	
58 00	—	23 88	.60
58 20	Epp	24 50	3.62
3 00 00	—	27 70	3.20 + .83 = 4.03
00 20	Shad	27 60	4.063
02 00	—	26 54	1.06

Air Y = 24.0

23.4 C

Aggro = 40.0 at 3.03

C

Mon. Oct 19, 1914

L.C. Ch.

Sky clear

Windy

12 55 20	Shd	17.36	air T = 20.2 °C
57 00	—	17.38	-0.02
20	exp	18.07	$4.13 + 0.27 = 4.40$
59 00	—	22.20	
20	Shd	22.20	0.56
1 01 00	—	21.64	
20	exp	22.29	$3.63 + 0.77 = 4.40$
03 00	—	25.92	<u>4.40</u>
20	Shd	25.78	0.98
05 00	—	24.80	

air T = 20.8 °C

1.07 Hygro = 400 wet B. & C. Dry B. = 184K.

C

Tues Oct 20, 1914

Sky clear

Leadb
windy

1:14:20	Shd	17.10	Air T = 19.5 C
16 00	—	17.20	- 0.02
20	Exp	18.00	4.15 + 0.25 = 4.40
18 00	—	22.85	
20	Shd	22.09	0.52
20 00	—	21.57	
20	Exp	22.21	3.65 + 0.75 = 4.40
22 00	—	25.86	4.50
20	Shd	25.75	0.98
1 24 00	—	24.77	Air T = 20.4 C

1:25 Hygro = 39.5 WTD B = 9.4 C Dry B. = 19.0 C.

Sky clear

2 43 20	Shad	19 21	Air M: 23.0 C
51 00	—	19 21 00	
51 20	Exp	20 00	
53 00	—	23 76	3.76 + 30.5 = 4.065
53 20	Shad	23 68	
55 00	—	23 07	61
55 20	Exp	23 70	
57 00	—	26 97	3.27 + 81.5 = 40.85
57 20	Shad	26 78	4.07
59 00	—	25 76	1.02

Air M = 22.8
22.9

Hygro. 39.5 at 3 00

Wednesday Oct 21st 1914

4 @ air = 4 scatt
Sky ~~clear~~ Windy

200 Obs

Aug = 1980

1 07 20	Shad	17 00	
09 00	—	17 08	-08
09 20	Exp	17 99	
11 00	—	22 11	4.12 + .245 = 4.365
11 20	Shad	22 07	
13 00	—	21 50	57
13 20	Exp	22 22	
15 00	—	25 82	3.60 + .79 = 4.39
15 20	Shad	25 67	4.378
17 00	—	24 66	1.01

Rygo = 44.0 W.B. = 9.6 C D.B. = 18.8 C at 1.21

Aug = 21.0 C

mean 20.4 C

11 08 20	Shd	17 27
10 00	—	17.33
1 20	Exp	18.09
12 00	—	
20	Shd	
14 00	—	
20	Exp	
16 00	—	
20	Shd	
18 00	—	

C

Thurs. Oct 22, 1914

H.C. Ob.

sky clear

windy.

1 08 20	Shd	17 27	-0.06	Air T = 22.0 C
10 00	—	17 33		
	Exp.	18 09	4.10 + 0.19 =	4.29
12 00	—	22 19		
	Shd	22 22	0.44	
14 00	—	21 58		
	Exp	22 42	3.58 + 0.69 =	4.27
16 00	—	26 00		4.28
	Shd	25 92	0.94	
1 18 00	—	24 98		Air T = 24.4 C

1:20

Hygro = 40.0 wet B = 9.8 C; Dry B = 19.9 C.

Sky clear Very windy H.C. Ob.

2 49 20	Shad	19 47		Air T = 20.8 C
51 00	—	19 47	.00	
51 20	Exp	20 20		
53 00	—	23 90	3.70 + .27 =	3.94
53 20	Shad	23 82		
55 00	—	23 28	.54	
55 20	Exp	23 90		
57 00	—	27 10	3.20 + .755 =	3.955
57 20	Shad	26 94		3.948
59 00	—	25 97	.97	

Hygro = 42.0 at 3:01

Air T = 23.0

Mean 21.1

C

Fri. Oct. 23, 1914

L.C. Ch

Sky clear

8 48 20	Shd	15.81	Air T = 16.1 C
50 00	—	15.89	- 0.02
20	Exp	16.70	4.02 + 0.28 = 4.30
52 00	—	20.72	
20	Shd	20.70	0.64
54 00	—	20.06	
20	Exp	20.68	3.51 + 0.90 = 4.41
56 00	—	24.19	4.355
20	Shd	24.09	1.16
8 58 00	—	22.93	Air T = 16.5 C
Hygro = 38.0 at 9.00			16.3

10. 00 Hygro = 37.5 wet B = 7.4 C dry B = 18.2 C

see next page

10 36 20	Shd	17.20	Air T = 17.8 C
38 00	—	17.22	- 0.02
20	Exp	18.02	4.30 + 0.37 = 4.670
40 00	—	22.32	
20	Shd	22.27	0.76
42 00	—	21.51	3.51 + 0.965 = 4.475
20	Exp	22.17	4.572
44 00	—	25.68	
20	Shd	25.59	1.17
10 46 00	—	24.42	Air T = 19.8 C
Hygro = 39.5 at 10.48			

Oct 23, 1914

Sky clear

H.C.B.

10 55 20	Shd	21.03	Air T = 19.4 C
57 00	—	20.93	0.10
20	Exp	21.68	3.98 + 0.465 = 4.445
59 00	—	25.66	
20	Shd	25.50	0.83
01 00	—	24.67	
20	Exp	25.27	3.38 + 1.06 = 4.44
03 00	—	28.65	4.442
20	Shd	28.47	1.29
11 05 00	—	27.18	Air T = 20.0 C

Hygro at 11:07 = 40.5

C

Sat Oct. 24, 1914

L.C. Br.

Sky clear

8 38 ⁷ 20	Shd	16.19 16.28	Air T = 14.6 C
39 00	—	16.28	-0.09
41 20	Exp	17.00	4.50 + 0.225 = 4.725
41 00	—	21.00	
42 20	Shd	21.03	0.54
43 00	—	20.49	
44 20	Exp	21.10	3.54 + 0.805 = 4.345
45 00	—	24.64	4.285
46 20	Shd	24.49	1.07
8 47 00	—	23.42	Air T = 18.4 C

8 50

Hygro = 43.5

Sky clear

No Qts Air 14.8 C

10 42 20	Shad	17 11	
44 00	—	17 15	-0.03
44 20	Exp	17 93	
46 00	—	22 13	4.20 + .29 = 4.49
46 20	Shad	22 08	
48 00	—	21 47	.61
48 20	Exp	22 17	
50 00	—	25 87	3.70 + .815 = 4.515
50 20	Shad	25 70	
52 00	—	24 67	1.03

Hygro = 42.0 W.B. = 83 A.B. = 18.9 at 10.56

Air 13 = 21.8

Mean 20.3 C

✓

Sunday Oct 25th 1914

173

L.C. Ch

Sky Clear

8 57 20	Shd	16.00	Air T = 16.0 C
59 00		16.03	-0.03
6 20	Eyp	16.77	4.02 + 0.28 = 4.30
01 00		20.79	
20	Shd	20.77	0.59
03 00		20.18	
20	Eyp	20.80	3.50 + 0.845 = 4.345
05 00		24.30	4.322
20	Shd	24.28	1.10
9 07 00		23.18	Air T = 18.0 C

1 Lygro = 44.5 at 9:09

Sky Clear

100 Ch

Air T: 18.8 C

10 44 20	Shad	17 20	
46 00		17 20 00	
46 20	Eyp	18 07	
48 00		22 15	4.08 + 3.2 = 4.40
48 20	Shad	22 08	
50 00		21 44	.64
50 20	Eyp	22 15	4
52 00		25 69	3.54 + 8.55 = 12.09
52 20	Shad	25 51	8.398
54 00		24 44	1.07

Air T = 21.0 C

Lygro = 42.5 at 10:58 W. B = 8.6 C X. B = 16.1 C

C

Mon Oct 26, 1914
 L.C.B.

Shy somewhat lazy.

9 08 20	Shd	16.49	Air T = 17.4 C
10 00	—	16.50	-0.01
20	Exp	17.28	3.92 + 0.305 = 4.225
12 00	—	21.20	
20	Shd	21.13	0.62
14 00	—	20.51	
20	Exp	21.12	3.43 + 0.84 = 4.27
16 00	—	24.55	4.245
20	Shd	24.46	1.06
9 18 00	—	23.40	Air T = 18.0 C

Hygro = 420 at 9:20

10:10 Hygro = 420 wet B = 86 C Dry B 18.8 C.

Shy 1 hr long

Windy

10 50 20	Shd	17.58	Air T = 18.0 C
52 00	—	17.58	0.00
20	Exp	18.36	4.01 + 0.32 = 4.33
54 00	—	22.37	
20	Shd	22.37	0.64
56 00	—	21.73	
20	Exp	22.49	3.46 + 0.87 = 4.33
58 00	—	25.86	4.33
20	Shd	25.70	1.10
11 00 00	—	24.60	Air T = 19.2 C

Hygro = 41.0 at 11:02



Tues Oct 27, 1914

R.C. Ch.

Sky clear, trifle hazy.

9 07 20	Shd.	16.57	Air T = 17.3 C
09 00	—	16.64	-0.07
20	Exp	17.37	$4.00 + 0.285 = 4.285$
11 00	—	21.37	
20	Shd	21.36	0.64 6
13 00	—	20.72	
20	Exp	21.40	$3.42 + 0.855 = 4.275$
15 00	—	24.82	<u>4.280</u>
20	Shd	24.69	1.07
9 17 00	—	23.62	Air T = 18.3 C

Hygro = 42.0 at 9.19

9:55 Hygro = 42.5 ~~Wet B = 7.9 C~~ Dry B = 18.4 C

Sky clear

10 53 20	Shd	16.58	Air T = 19.3 C
55 00	—	16.63	-0.05
55 20	Exp	17.40	$4.19 + 0.285 = 4.475$
57 00	—	22.59	
20	Shd	22.58	0.62
59 00	—	21.96	
20	Exp	22.56	$3.66 + 0.86 = 4.54$
01 00	—	26.22	<u>4.50 f</u>
20	Shd	26.17	1.10
11 03 00	—	25.07	Air T = 20.4 C

Hygro = 41.5 at 11.05

✓

Wed. Oct 28, 1914

L. C. Br.

Sky clear.

1	22	20	Shd	18.00	Air T = 21.4 C
	24	00	—	18.04	- 0.04
		20	Eff	18.88	$4.15 + 0.255 = 4.405$
	26	00	—	23.03	
		20	Shd	23.08	0.55
	28	00	—	22.53	
		20	Eff	23.23	$3.60 + 0.76 = 4.36$
	30	00	—	26.83	<u>4.36</u>
		20	Shd	26.76	0.97
1	32	00	—	25.79	Air T = 22.0 C.

1:35 { Hygro 380
Wet B = 8.4 C. Dry B = 20.8 C

Sky Clear	3	27	20	Shd	19.28	Air T = 20.2 C
		29	00	—	19.28	0.00
			20	Eff	19.96	$3.54 + 0.27 = 3.810$
		31	00	—	23.50	
			20	Shd	23.50	0.54
		33	00	—	22.96	
			20	Eff	23.51	$3.00 + 0.755 = 3.755$
		35	00	—	26.51	<u>3.755</u>
			20	Shd	26.38	0.97
3	37	00	—	25.41	Air T = 22.2 C	

3:38 = Hygro = 47.5
C

Thursday Oct ²⁹~~28~~ 1914

177.

sky clear . Windy

no obs

1	35	20	Shad	17	80				hi 20.0 C
	37	00	—	17	83	-.03			
	37	20	Eyg	18	58				
	39	00	—	22	60	4.02	+ .255 =	4.275	
	39	20	Shad	22	.53				
	41	00	—	21	99	.54			
	41	20	Eyg	22	67				
	43	00	—	26	20	3.53	+ .75 =	4.28	
	43	20	Shad	26	04			4.274	
	45	00	—	25	08	.96			

 $\text{Hygro} = 4.0.0$ $\text{WB} = 9.2^\circ \text{C}$ $\text{WB} = 20.3^\circ \text{C}$
 $\text{hi 21.8}^\circ \text{C}$
 20.9

Fri. Oct 30, 1914

Sky Clear

A.C.B.

9 08 20	Shd	16.57	Air T = 17.0 C
10 00	—	16.62	-0.05
20	Exp	17.44	4.05 + 0.295 = 4.345
12 00	—	21.49	
20	Shd	21.47	0.64
14 00	—	20.83	
20	Exp	1.50	3.50 + 0.875 = 4.375
16 00	—	25.00	4.36
20	Shd	24.91	1.11
9 18 00	—	23.80	Air T = 18.0 C

Hygro = 37.0 at 9.20

9:55 = Hygro = 38.8 WSB = 7.8 C Dry C = 19.1 C

Sky Clear

Windy

11 08 20	Shd	17.59	Air T = 18.2 C
10 00	—	17.62	-0.03
20	Exp	18.45	4.06 + 0.295 = 4.355
12 00	—	22.51	
20	Shd	22.50	0.62
14 00	—	21.88	
20	Exp	22.52	3.56 + 0.87 = 4.43
16 00	—	26.08	4.392
20	Shd	25.98	1.12
11 18 00	—	24.86	Air T = 19.6 C

11:20 Hygro = 44.0

Sat. Oct. 31, 1914

Shy clear, but hazy. L.C. Ob.

9 04 20	Shd	17.21	air T = 20.0 C	
06 00	—	17.46 17.46	-0.25	
20	Exp	18.21		
08 00	—	22.42	$4.11 + \frac{0.11}{0.26} = 4.22$	
20	Shd	22.43	0.47	
10 00	—	21.96		
20	Exp	22.61	$3.56 + 0.75 = 4.31$	
12 00	—	26.17	4.265	
20	Shd	26.07	1.03	
9 14 00	—	25.04	Air T = 18.1 C.	

Hygrogroph = 45.2 at 9.16

10.10 wet B = 8.3 C Dry B = 18.7 C Hygro = 44.4

Shy clear	# 10 49 20	Shd	17.84	Air T = 18.6 C	
	51 00	—	17.87	-0.03	
windy	20	Exp	18.60	$4.23 + 0.33 = 4.56$	
	53 00	—	22.13		
	20	Shd	22.71	0.69.	
	55 00	—	22.02		
	20	Exp	22.64	$3.50 + 0.905 = 4.405$	
	57 00	—	26.22	4.522	
	20	Shd	26.04	1.12	
	10 59 00	—	24.92	Air T = 18.6 C	

Hygro = 47.5 at 11.01.

Sun Nov 1, 1914

sky clear

windy

R. Chz

1 01 20 Shd 17.05 Air T = 18.1 C
 03 00 — 17.07 - 0.02
 20 Exp 17.83 4.03 + 0.30 = 4.33
 05 00 — 21.86
 20 Shd 21.86 0.62
 07 00 — 21.24
 20 Exp 21.77 3.47 + 0.81 = 4.28
 09 00 — 25.24 4.305
 20 Shd 24.14 1.00
 1 11 00 — 24.14 Air T = 19.7 C

1 13 { Hygro = 45%
 { Wet B = 8.4 C
 { Dry B = 17.1 C

R. Chz

Sky 2 /
 Circles North
 Sun clear

2 50 20 Shd 18.49 Air T = 19.0 C
 52 00 — 18.51 - 0.02
 20 Exp 19.10 3.64 + 0.27 = 3.91
 54 00 — 22.74
 20 Shd 22.73 0.56
 56 00 — 22.17
 20 Exp 22.74 3.08 + 0.78 = 3.86
 58 00 — 25.82 3.885
 20 Shd 25.69 1.00
 3 00 00 — 24.69 Air T = 19.4 C
 at 3.02 Hygro = 51.2

Tues Nov. 3, 1914

AC Ch

Sky clear

Windy

1 22 20 Shd

17.02

Air T = 20.2 C

24 00

17.08

- 0.06

20 Exp

17.92

4.05 + 0.235 = 4.285

26 00

21.97

20 Shd

21.99

0.53

28 00

21.46

20 Exp

22.12

3.52 + 0.725 = 4.245

30 00

25.64

4.265

20 Shd

25.58

0.92

1 32 00

24.66

Air T = 21.0 C

Hygrom 43.0

1 34

Wet B = 19.9 C

Dry B = 19.9 C

Sky / Cu ESE

AC Ch

3 13 20

Shd

18.96

Air T = 19.0 C

15 00

—

18.96

0.00

20 Exp

19.72

3.60 + 0.245 = 3.845

17 00

—

23.32

20 Shd

23.17

0.59

19 00

—

22.58

20 Exp

23.19

3.08 + 0.805 = 3.885

21 00

—

26.27

3.865

20 Shd

26.22

1.02

3 23 00

—

26.20

Air T = 21.0 C

Hygrom

at 3.25

Mon Nov 9, 1914

RCC

Sky clear.

1	11 20	Shd	17.33	Air T = 21.0 C
	13 00	—	17.48	-0.15
	20	Exp	18.28	4.19 + 0.18 = 4.37
	15 00	—	22.47	
	20	Shd	22.48	0.51
	17 00	—	21.97	
	20	Exp	22.60	3.73 + 0.74 = 4.47
	19 00	—	26.33	4.42
	20	Shd	26.26	0.97
1	21 00	—	25.29	Air T = 20.6 C

Hygro = 43.5 at 1.23

C

Tues Nov. 10, 1914

W. C. C. C.

Shy clear

Windy

1 35	20	Shd	17.47	Air = 21.6 C
37	00	—	17.52	- 0.05
	20	Exp	18.28	4.08 + 1.25 = 4.33
39	00	—	22.36	
	20	Shd	22.38	0.55
41	00	—	21.83	
	20	Exp	22.47	3.54 + 0.775 = 4.315
43	00	—	26.01	4.322
	20	Shd	25.96	1.00
45	00	—	24.96	Air T = 23.6 C

1.47

Hygro = 39.5 Wet B = 110.6 Dry B = 21.8 C

Shy clear

3 46	20	Shd	19.24	Air T = 21.0 C
48	00	—	19.26	- 0.02
	20	Exp	19.97	3.45 + 0.29 = 3.74
50	00	—	23.42	
	20	Shd	23.38	0.60
52	00	—	22.78	
	20	Exp	23.32	2.84 + 0.825 = 3.665
54	00	—	26.16	3.702
	20	Shd	26.09	10.5
3 56	00	—	25.04	Air T = 22.4 C

Hygro = 48.5 at 3.5 f

C

Wed Nov 11, 1914

LCCB

Shy 1 Ci Air SE. 08.

Sun clear

windy

1 19 20 Shd 17.74 air T = 20.6 C

21 00 — 17.84 -0.10

20 Exp 18.62

23 00 — 22.82 $\pm 4.20 + 0.21 = 4.41$

20 Shd 22.80 0.52

25 00 — 22.28

20 Exp 22.95 $3.55 + 0.78^7 = 4.32$ 27 00 — 26.50 4.365

20 Shd 26.40 1.02

1 29 00 — 25.38 air T = 22.8 C

1 31 Hygro = 38.5 wet B = 10.1 C Dry B = 21.8 C

Thurs Nov 12, 1914

AC Ob

Sky clear

8 54 20	Shd	16.65	Air T = 16.9 C
56 00		16.68	-0.03
20	Exp	17.38	4.00 + 0.30 = 4.30
58 00		21.38	
20	Shd	21.42	0.63
9 00 00		20.79	
20	Exp	21.38	3.42 + 0.86 = 4.28
02 00		24.80	4.29
20	Shd	24.70	1.09
9 04 00		23.61	Air T = 19.2 C
Hygro = 46.5 at 9:05			

9 50 Hygro = Wet B = 9.2 C Dry B = 20.3 C

Sky clear

10 47 20	Shd	17.62	Air T = 19.6 C
49 00		17.62	0.80
20	Exp	18.44	4.09 + 0.31 = 4.50
51 00		22.63	
20	Shd	22.58	0.62
53 00		21.96	
20	Exp	22.63	3.67 + 0.86 = 4.53
55 00		26.30	4.53
20	Shd	26.18	1.10
10 57 00		25.08	Air T = 21.2 C
Hygro = 41.0 at 10:58			

Tuesday Nov 24th - 1914

Sky 1 in low Windy

700 ft

1 29 20 Shad 17 48

Air V = 21.8 C

31 00 — 17 58 10

31 20 ~~218~~ 18 40

33 00 — 22 39 3.99

33 20 Shad 22 32

~~35 00 Shad 25 62 0~~

1 35 20 ~~Shad~~ 25 49

Air V = 23.5

37 00 — 24 56 .93

37 20 ~~218~~ 25 17

39 00 — 28 23 3.06 + 1.075 = 4.135

39 20 Shad 28 05

41 00 — 26 23 1.22

41 20 ~~218~~ 27 40

43 00 — 30 17 2.77 + 1.285 = 4.055

43 20 Shad 29 45 1.35

4 09

45 00 — 28 50

Hydrograph - 44.0 - W. B. = 10.5 C & R = 21.0 C at 2:48

Air V = 23.0

Mean 23.3 C

C

Junes Nov. 2nd 1914

187

Sby 1 Cr. huz Windy

Woolf

Air 4: 20.8

2 50 20	Shad	20 05	
52 00	—	20 05 00	
52 20	Elyg	20 73	
54 00	—	24 22349 + 335:3825	
54 20	Shad	24 17	
56 00	—	23 50 .67	
56 20	Elyg	24 12	
58 00	—	27 12 300 + .855 = 3.855	
58 20	Shad	26 96	384
3 00 00	—	25 92 1.04	

Air 4: 21.8

mean 21.5 C

Hygro. = 46.0 at 3:02

C

Mon. Dec 7th 1914

Shy Cnd Sth 4 hor. Ocean Windy

Woods
Air Y = 19.6 C

1	50	20	Shad	18 28	
	52	00	—	18 30	-.02
	52	20	Shd	19 16	
	54	00	—	23 00	$3.84 + .295 = 4.135$
	54	20	Shad	22 91	
	56	00	—	22 30	-.61
	56	20	Shd	23 01	
	58	00	—	26 30	$3.29 + .83 = 4.12$
	58	20	Shad	26 14	4.128
2	00	00	—	25 09	.15

Avg: 50.0 W.B. 11.6 C A.B. 20.1 Cat 2.02 Air Y: 20.8 C

20.2 C

Shy Cnd Sth 4 hor. Ocean Windy

Woods
Air Y = 20.0 C

2	52	20	Shad	20 47	
	54	00	—	20 42	.01
	54	20	Shd	21 18	
	56	00	—	21 80	$3.62 + .335 = 3.955$
	56	20	Shad	24 69	
	58	00	—	24 01	.68
	58	20	Shd	24 66	
3	00	00	—	27 70	$3.04 + .895 = 3.935$
	00	20	Shad	27 13	3.945
	02	00	—	26 42	.11

Avg: 53.0 at 3.04

Air Y = 21.6 C

20.8 C

✓

Saturday Dec. 12th 1914

189

Sky at lid 3 Leath Ocean

no obs

Air Temp = 19.8°C

10 16 20	Shad	17 65	
18 00	—	17 70	-05
18 20	Egg	18 57	
20 00	—	22 66	4.09 + 265 = 4.355
20 20	Shad	22 60	
22 00	—	22 02	58
22 20	Egg	22 76	
24 00	—	26 37	3.61 4.9 + .80 = 4.41
24 20	Shad	26 20	4.382
26 00	—	25 18	1.02

Air T = 21.4

Hygro = 43.0 W B = 11.6°C DB = 21.0°C at 10:30.

mean 20.1°C

Sky at lid 2 hour

Air T = 22.0°C

1 39 20	Shad	18 45	
41 00	Egg	18 50	-05
41 20	Egg	19 32	
43 00	—	23 37	4.05 + 260 = 4.31
43 20	Shad	23 30	
45 00	—	22 73	57
45 20	Egg	23 42	
47 00	—	26 96	3.54 + .79 = 4.33
47 20	Shad	26 80	4.32
49 00	—	25 79	1.01

Hygograph = 47.0 at 1:51

Air T = 20.0°C

mean 23.0°C

Saturday Dec 12th 1914

Sky C. Alt 2 hrs

W.D.S.

Alt = 22.0 R

2 47 20	Shad	21 20	
49 00	—	21 20	00
49 20	Eg	21 91	
51 00	—	25 77	$386 + .33 = 4.19$
51 20	Shad	25 68	
53 00	—	25 02	66
53 20	Eg	25 68	
55 00	—	28 90	$3.22 + .88 = 4.20$
55 20	Shad	28 70	4.195
57 00	—	27 60	1.10

W. D. S. - 47.0 at 3.00

Alt = 23.8 R
Mean 22.9 C

C

Wednesday Dec 16th 1914

191

Sky C As 3. Scat. Clear Windy

115 lbs

Air Y: 19.8 C

44 20	Shad	17 77	
46 00	—	17 86	- 09
46 20	Exp	18 69	
48 00	—	22 77	4.09 + .245 = 4.335
48 20	Shad	22 68	
50 00	—	22 10	.58
50 20	Exp	22 81	
52 00	—	26 32	3.51 + .79 = 4.30
52 20	Shad	26 19	4.318
54 00	—	25 19	1.00

Hygro = 47.0

WB = 10.7 C DB = 20.8 C at 1:57

Air Y = 22.6 C

Mean 21.2 C

C

192

Thursday Dec 17th 1914

Sky 3 in air 25° E horizon Windy

100° E

Air T. 19.8°

1 29 20 Shad 17 50

31 00 — 17 56 - 0.6

31 20 218 18 42

33 00 — 22 50 4.08 + 26.5 = 43.45

33 20 Shad 22 43

35 00 — 21 50 - .58

35 20 218 22 58

37 00 — 26 10 3.52 + 81 = 43.5

37 20 Shad 25 9.5 4.338

39 00 24 9.1 1.00

Aggro = 41.5 W.B. = 11.0 B.B. = 21.5 at 1.42

Air T. 23.0°

Mean 21.4

C

Sat. Dec. 19, 1914

LCOB.

Sky clear

9 00 20	Shd	16.08	Air T = 16.0 c		
02 00	—	16.09	-0.01		
20	Exp	16.88	4.06	+0.33	=4.39
04 00	—	20.94			
20	Shd	20.96	0.67		
06 00	—	20.29			
20	Exp	20.98	3.46	+0.905	=4.365
08 00	—	24.44			
20	Shd	20.32	1.14		
9 10 00	—	23.18	Air T = 17.1 c		

Hygro = 45.5 at 9:12

10 00 Wet B = 25 Dry B = 19.5 Hygro = 43.6

Sky clear

11 26 20	Shd	17.30	Air T = 18.8 C		
28 00	—	17.38	- 0.08		
20	Exp	18.14	4.19	+0.27	= 4.46
30 00	—	22.33			
20	Shd	22.30	0.62		
32 00	—	21.68			
20	Exp	22.33	3.63	+0.86	= 4.49
34 00	—	25.96			
20	Shd	26.64	1.10		
11 36 00	—	25.54	Air T = 21.5 C		

Hygro = 44.5 at 11:30

194

Sun Dec 20, 1914

L.C. Ab.

sky clear

1 29 20	shd	17.68	Air = 22.0 C
31 00	—	17.78	-0.10
20	Exp	18.40	4.22
33 00	—	22.62	+0.23 = 4.45
20	shd	22.64	+0.56
35 00	—	22.00	
20	Exp	22.68	3.70 + 0.755 = 4.455
37 00	—	26.38	
20	shd	26.33	0.95
1 39 00	—	25.38	Air = 24.4 C
		Hygro = 39.0	at 1.40

at 10:00 Hygro = 42.5
 Wet B = 9.4 C
 Dry B = 19.6 C

Thurs Dec 24, 1944.

A.C. Ob.

Shy 2 Air Ci Scatterhory.

9	14 20	Shd	17.14	air T =	17.24 C
	16 00	—	17.17	- 0.03	
	20	Shd	17.86	3.8	$640.275 = 4.135$
18	00	—	21.72		
	20	Shd	21.70	0.58	
20	00	—	21.12		
	20	Shd	21.72	3.38 + 0.080	<u>4.18</u>
22	00	—	25.10		<u>4.158</u>
	20	Shd	25.04	1.02	<u><u>4.158</u></u>
9	24 00	—	24.00	air T =	19.6 C

Hypno = 49.5 at 9:25

at 10:00 Hypno = 43.3
 WSD 32 9.4 C
 Dry B 19.4 C

C

196

Thurs. Dec. 31, 1914

Sky clear

P.C.P.

9 46 20 shd 17.30

air T = 18.6 C

48 00 — 17.34 - 0.04

20 Eff 18.20 3.96 + 0.33 = 4.29

50 00 — 22.16

20 shd 22.32 + 0.70

52 00 — 2 16.2

20 Eff 22.30 3.41 + 0.91 = 4.32

54 00 — 25.71

4.305

20 shd 25.60 1.12

9 56 00 — 24.48

air T = 18.8 C

Hygro = 39.0 at 10.0

wet B = 11.1 C

dry B = 19.6 C

25722.50
360.75

27/10.0/44.0/10.50/68.0/10.01

67.6/48.0/66.0

128
3
4.37

3.89

262
131
263
3.94

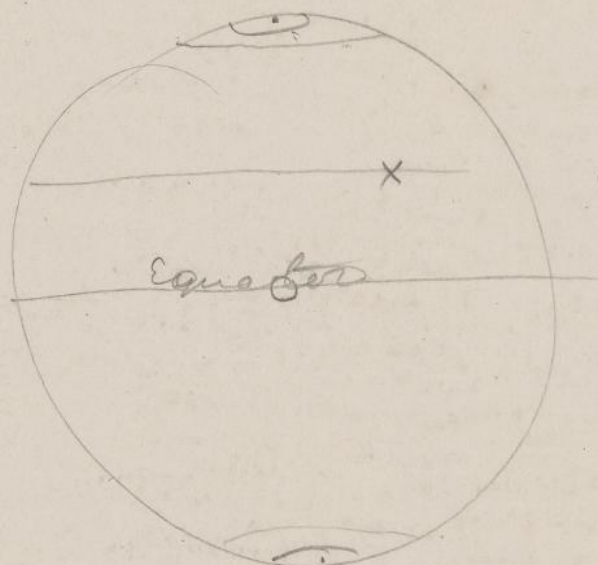
114
133
247
1235 8015.
2620 405.2
855

139

Vine Epicae
1 disp

162
145
234
117

41.5
80 18.3
143
80



127

145

1.81

176

155

138

. A03

U015 - 170

176

168

181

1.96

1914phae.proj..772C