

KG
11365
772

ESTIMATE of WORK

KG11365.772

KG 11365.77e



Records of Sky conditions for observing
at

Arequipa Peru U.S.A.

Beginning May 17, 1911.

Scale of estimates.

- 0 Entirely clear (not a cloud)
- 1 Exact photometric work, Bruce.
- 2 Ordinary Visual work
- 3 Ordinary photography (Cooke Lens, 13 inch)
- 4 Transit photom.
- 5 All cloudy, no work possible.

May 1911 Arequipa Peru

Early

Middle

Early night

Late

Obs.

Early

Mean

Rem

May

1 7:00 5

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

2.3

2.2

1.9

2.1

7:00 5

9:00

4

10:55 5

RC

4.7

7:05 5

9:00

5

11:05 5

RC

5.0

7:00 1

9:00

2

11:00 0

RC

1.0

8:00 = 4

7:00 0

9:00

0

12:00 0

V

0.0

7:00 0

9:00

0

11:00 2

RC

0.7

6:45 0

9:00

0

11:30 0

RC

0.0

7:22 0

9:00

0

11:30 0

V

0.0

8:17 0

9:00

0

11:36 0

FH

0.0

7:00 3

9:00

2

11:30 1

V

2.0

7:00 2

9:00

1

12:00 0

RC

1.0

7:00 4

9:00

4

12:00 4

FH

4.0

6:40 5

9:00

5

11:38 4

RC

4.7

6:45 5

9:00

5

11:30 5

FH

5.0

7:00 2

9:10

2

11:30 1

V

1.67

7:15 3

9:00

3

10:50 1

4.9 RC

2.83

Mean

May 1911.

3.

		Begin	Middle	Late	Obs.	Late	Final
			Late	night.		mean	mean
May	1						
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
$\frac{1}{2}$ month	16		2.1	2.3	2.5	2.3	2.2
mean	17	12 15	5	2 30p.	5 5:00 ~~4 3~~	4.7	4.7
	18	11 30	5	3 00	5 5:00	4	4.8
	19	1 30	0	3 00	0 4 20	0	0.5
	20	12 00	0	3 00	0 5:00	0	0.0
	21	12 00	2	3 00	5 5:00	5.1	2.5
	22	12 00	0	2 25p.	0 4 35	0	0.0
	23	12 00	0	3 00	0 5 00	0	0.0
	24	12 00	0	3 00	0 4 45	2	0.3 ⁴
	25	12 00	1	3 00	1 5:00	1	1.5
	26	12 00	0	3 00	0 5:00	0.1	0.5
	27	12 10	5	3 00	4 5:00	5.1	4.4
	28	12 00	3	3 00	3 5:00	4.1	4.0
	29	12 00	5	3 15	5 5:00	5.1	5.0
	30	12 45	1	3 00	2 5:00	2	1.7
	31	12 00	4	3 00	5 5:00	5	3.48
mean							

- June 1911 -

Early evening

Date	Early		Middle		Late		Obs	Early mean	Remarks
June 1	6 35	5	9 00	5	11 00	4	V	4.7	gen cloudy
2	7 00	4	9 00	4	11 30	4	LC	4.0	gen cloudy
3	7 00	5	9 00	5	11 00	5	FH	5.0	Genl. cldy.
4	6 50	5	9 00	5	11 00	4	LC	4.7	Genl cldy
5	6 50	5	9 00	5	11 00	5	FH	5.0	Genl cldy
6	6 50	5	9 10	5	11 00	5	LC	5.0	Genl cldy
7	7 00	5	9 00	5	11 00	5	FH	5.0	Genl cldy
8	7 00	0	9 00	1	11 30	1	V	0.7	Gen clear moon
9	7 00	4	9 00	4	11 30	4	LC	4.0	Gen cldy m. tr.
10	7 00	4	9 00	4	11 00	4	LC	4.0	moon b. hazy
11	7 00	1	9 00	0	11 00	0	LC	0.3	moon full
12	6 45	1	9 00	1	11 00	1	LC+V	1.0	Moon full.
13	6 35	1	9 00	3	11 00	2	LC	2.0	scattered in belt
14	6 30	5	9 00	5	11 00	5	FH	5.0	Genl cloudy
15	6 40	0	9 00	0	11 00	0	FH	0	clear sky.
16	7 00	2	9 00	3	11 00	3	LC	2.7	hazy to p. cldy
17	6 18	3	9 00	3	11 00	2	FH	2.7	hazy to p. cldy
18	7 00	3	9 00	3	11 00	2	LC	2.7	p. cld to clearer
19	7 00	5	9 00	5	11 00	5	FH	5.0	General cloudy
20	7 00	5	9 00	5	11 00	5	LC	5.0	cldy (thick)
21	7 00	5	9 00	5	11 00	5	FH+V	5.0	cldy (thick)
22	7 00	5	9 00	5	10 30	5	LC	5.0	cldy rising
23	6 50	5	9 00	3	11 00	2	LC+V	3.3	cldy to clear
24	7 00	1	9 00	1	11 00	0	V	0.7	clear
25	7 00	0	9 00	0	11 00	0	LC	0.0	clear
26	7 00	1	9 00	2	11 20	5	LC	2.7	clear to cldy
27	7 00	0	9 00	0	11 00	0	LC	0.0	clear
28	7 00	1	9 00	1	11 00	0	FH	0.7	clear
29	7 00	4	9 00	4	11 00	4	LC	4.0	p. cld to cldy
30	7 00	4	9 00	4	11 00	5	LC	4.7	cldy.
Mean	6 54	3.1	9 00	3.2	11 03	3.1		3.1	

- June 1911 -
Late night.

Date	Midnight		Middle		Late	Obs.	Late	all night	Remarks
							mean	mean	
June 1	12 00	5	15 00	4	17 20	5 LC	4.7	4.7	gen cldy
2	12 00	5	15 00	5	¹⁶ 50	5 T	5.0	4.5	Gen cldy.
3	12 00	5	15 00	5	17 00	3 LC	4.3	4.6	cldy to p cldy
4	12 00	5	15 00	5	17 00	4 FH	4.7	4.7	cldy to p cldy
5	12 00	5	15 00	5	17 00	5 T	5.0	5.0	Gen. thick.
6	12 00	5	15 00	5	17 00	5 FH	5.0	5.0	Gen cldy
7	12 00	5	15 00	5	17 00	5 V & LC	5.0	5.0	Gen cldy
8	12 00	1	15 00	5	16 00	5 LC & FH	3.7	2.2	moon br. ^{cldy to cldy}
9	12 00	4	15 0	4	17 0	5 V & LC	4.3	4.2	moon bright
10	12 0	4	15 0	4	17 0	5 LC	4.3	4.2	moon to hazy
11	12 0	0	15 0	0	17 0	0 LC	0.0	0.2	moon br.
12	12 00	1	15 00	1	17 00	1 V	1.0	1.0	moon br.
13	12 00	2	15 00	4	17 00	5 LC	3.7	2.8	moon, bold to cldy
14	12 00	5	15 00	5	17 00	5 LC	5.0	5.0	thickly cldy
15	12 00	0	14 00	0	17 00	0 T	0.0	0.0	moon up.
16	12 00	3	15 00	3	17 00	2 T	2.7	2.7	hazy to hazy
17	12 10	3	15 00	3	16 30	5 LC	3.7	3.2	p cldy to cldy
18	12 00	3	15 00	5	16 00	5 FH	4.3	3.5	p cldy to cldy
19	12 00	5	15 00	5	16 00	5 T	5.0	5.0	entirely overcast
20	12 00	5	15 00	5	17 00	5 FH	5.0	5.0	thick clouds
21	12 00	5	15 0	5	17 0	4 FH	4.7	4.8	rainy cldy to overcast
22	12 00	5	15 0	5	17 0	5 LC	5.0	5.0	cldy rainy
23	12 00	2	14 00	2	17 0	2 T	2.0	2.6	Gen. clear.
24	12 00	0	15 00	0	17 0	0 FH & LC	0.0	0.4	clear
25	12 00	0	15 00	0	17 00	2 FH	0.7	0.4	clear
26	12 00	2	15 00	1	17 00	1 T	1.3	2.0	old. clear. to clear
27	12 00	0	15 00	0	17 00	0 FH	0.0	0.0	clear.
28	12 00	0	15 00	0	17 00	0 T	0.3	0.5	clear.
29	12 00	5	14 30	5	17 00	5 V	5.0	4.5	all cldy.
30	12 00	5	15 00	5	17 30	5 T	5.0	5.0	All cldy.
mean	12 00	3.2	14.52	3.4	16 50	3.5	3.3	3.2	

- July 1911 -

July	1	7 00	5	9 00	5	11 00	4	LC	4.7	fair cldy
	2	7 00	5	9 00	3	11 00	2	LC	3.3	cldy to clear
	3	7 00	5	9 00	5	11 30	5	LC	5.0	cldy
	4	6 40	4	9 00	4	11 30	3	LC	3.7	cld to p cld
	5	6 50	4	9 00	4	11 30	3	V	3.7	cld to clearer.
	6	6 30	0	9 00	0	11 00	0	LC	0.0	clear m. rather b.
	7	6 45	0	9 00	0	11 00	0	LC	0.0	clear m. b.
	8	6 45	0	9 00	0	11 00	0	LC	0.0	clear m. b.
	9	6 30	0	9 00	0	11 00	0	LC	0.0	clear m. very b.
	10	6 30	1	9 00	1	11 00	1	LC	1.0	clear m. full
	11	6 30	5	9 00	4	11 00	4	LC	4.3	gen cldy m. b.
	12	6 30	2	9 00	4	11 00	3	LC	3.0	p cld to m. b.
	13	6 30	4	9 00	3	11 00	3	LC	3.3	cldy to p cldy
	14	6 35	0	9 00	2	11 00	2	LC	2.3	clear to p cldy
	15	6 35	0	9 00	0	11 00	0	V	0.0	clear.
	16	6 30	0	9 00	0	11 00	0	LC	0.0	clear
	17	6 30	0	9 00	0	11 00	0	LC	0.0	clear
	18	6 30	2	9 00	3	11 00	2	LC	2.3	hazy
	19	6 30	0	9 00	0	11 00	0	LC	0.0	hazy
	20	6 30	0	9 00	0	11 00	0	LC	0.0	clear
	21	6 30	0	9 00	0	11 00	0	LC	0.0	clear
	22	6 30	0	9 00	0	11 00	0	V & LC	0.0	clear
	23	6 30	1	9 00	0	11 00	0	LC	0.3	clear
	24	6 30	1	9 00	0	11 00	0	LC	0.5	clear
	25	6 31	1	9 00	0	11 00	3	V	1.3	clear to cldy
	26	6 30	5	9 00	5	11 00	5	LC	5.0	cloudy
	27	6 30	5	9 00	4	11 00	3	LC	4.0	gen cldy to clearer
	28	6 30	3	9 00	2	11 00	1	LC	2.0	p cld to clear
	29	6 30	5	9 00	2	11 00	1	V	2.6	cldy to clear
	30	6 30	3	9 00	3	11 00	2	LC	2.4	p cldy to clearer
mean	31	6 45	4	9 00	3	11 00	1	LC	2.6	gen cldy to

July 1911

7.

July	1	12 00	4	15 00	5	17 00	5	LC	4.7	4.7	feld to cldy
	2	12 00	0	15 00	0	17 00	0	7.76	0.0	1.6	clear
	3	12 00	5	15 00	5	17 00	5	7.76	5.0	5.0	cloudy ^{windy}
	4	12 00	3	15 00	2	17 00	2	T	2.3	3.0	clear mostly.
	5	12 00	0	15 00	0	17 00	0	7.76	0.0	1.8	clear
	6	12 00	0	15 00	0	17 00	0	7.76	0.0	0.0	clear
	7	12 00	0	15 00	0	16 00	0	T	0.0	0.0	clear ^{windy &} but fine sand.
	8	12 00	0	15 00	0	16 00	0	LC	0.0	0.0	clear to moon.
	9	12 00	0	15 00	0	17 00	0	LC	0.0	0.0	clear to moon.
	10	12 00	2	15 00	3	17 00	4	LC	3.0	2.0	feld to cldy.
	11	12 00	4	15 00	4	17 00	3	LC	3.7	4.0	gen. cldy to feld
	12	12 00	2	15 00	4	17 00	4	LC	3.3	2.2	feld to cldy to moon
	13	12 00	3	~~15~~ 00	5	17 00	5	T	4.3	3.8	cl. to cldy. to moon.
	14	12 00	1	14 00	1	17 00	0	V	0.7	1.0	clear
	15	12 00	0	15 00	3	17 00	2	LC	1.7	0.8	clear to f. cldy
	16	12 00	0	15 00	0	17 00	0	LC	0.0	0.0	clear, windy
	17	12 00	0	15 00	0	17 00	1	V	0.3	0.2	clear, windy
	18	12 00	3	15 00	2	17 00	0	7.76	1.7	2.0	hazy light clouds
	19	12 00	0	15 00	0	16 00	0	V	0	0.0	hazy
	20	12 00	0	15 00	0	17 00	0	7.76	0	0.0	clear.
	21	12 00	0	15 00	0	17 00	0	T	0	0.0	clear
	22	12 00	0	15 00	0	17 00	0	V	0	0.0	clear, windy
	23	12 00	0	15 00	0	17 00	0	7.76	0.2	0.0	clear.
	24	12 00	0	15 00	0	17 00	0	V	0	0.0	clear & windy.
	25	12 00	5	15 00	4	17 00	4	7.76	4.7	3.0	gen. cldy
	26	12 00	5	15 00	5	17 00	5	T	5.0	5.0	Genl. cldy.
	27	12 00	~~1~~ 2	15 00	~~1~~ 2	16 30	1	T	~~1.7~~ 2.5	~~2.5~~	partly cldy to clear
	28	12 00	0	15 00	1	16 45	1	V	0.6	1.3	cldy to clear.
	29	12 30	0	15 00	0	17 00	3	LC	1.0	1.8	clear to f. cldy
	30	12 30	3	15 00	2	17 00	2	7.76	2.3	2.5	Partly cloudy
	31	12 30	1	15 00	1	17 00	1	V	1.0	1.8	hazy to clear
mean		12 30	1.3	15 00	1.4	17 00	1				

August 1911.

August 1.	7 00	2	9 00	2	11 00	1	1.7 LC. pdd to clear
2	7 00	0	9 00	0	11 00	0	0.0 F.H. clear
3	7 00	3	9 00	4	11 00	4	3.7 V Genl. cldy.
4	6 30	0	9 00	0	11 00	1	0.3 LC gen clear
5	7 00	0	9 00	0	11 00	0	0.0 F.H. & V Gen clear
6	6 30	3	9 00	5	10 30	5	4.3 LC pdd to cldy
7	7 00	5	9 00	5	11 00	5	5.0 F.H. cldy
8	6 30	5	9 00	5	11 00	5	5.0 LC cldy
9	6 30	5	9 00	4	10 30	4	4.3 LC gen cldy in fall
10	6 30	5	9 00	4	11 0	4	4.3 LC gen cldy.
11	6 30	3	9 00	3	11 00	3	3.0 LC pdd to m hls
12	6 31	1	9 00	3	11 00	3	2.3 LC clear to hazy & pdd
13	6 30	5	9 00	5	11 00	5	5.0 LC cldy
14	7 00	4	9 00	4	11 00	3	3.4 F.H. cloudy
15	6 30	1	9 00	0	11 00	2	1.0 LC clear
16	7 00	3	9 00	5	11 00	2	3.3 F.H. & V cldy to clear
17	7 00	5	9 00	4	12 00	5	4.7 V Genl cldy
18	6 30	4	9 00	4	11 30	4	4.0 LC. Think to more cldy.
19	6 30	3	9 00	4	11 00	5	4.0 F.H. cloudy
20	6 30	5	9 00	5	11 00	5	5.0 LC cloudy
21	7 00	5	9 00	5	11 00	5	5.0 F.H. cloudy
22	6 30	5	9 00	5	11 00	5	5.0 LC cldy
23	7 00	5	9 00	5	11 00	5	5.0 F.H. cloudy
24	7 00	3	9 00	3	11 00	1	2.3 V. cldy to clear
25	6 30	2	9 00	2	11 00	0	1.3 LC gen clear
26	7 00	2	9 00	#1	11 00	0	1.0 F.H. & V cldy to clear
27	7 00	4	9 00	4	11 00	4	4.0 LC rather cldy
28	7 00	4	9 00	3	11 00	3	3.3 F.H. Partly cloudy
29	7 00	4	9 00	5	11 00	5	4.7 LC pdd to cldy
30	7 00	1	9 00	5	11 00	3	3.0 F.H. Partly cldy
31	7 00	2	9 00	1	11 00	0	1.0 LC gen clear

August 1911.

August 1 st	12 00	0	15 00	0	17 00	1	7.76 50.3	10	Clear, mostly
2	12 00	0	15 00	0	17 00	0	T 0.0 00		clear genlly.
3	12 00	4	15 00	4	16 00	4	LC 4.0 38		genlly ~~to~~
4	12 00	0	15 00	0	16 30 17 00	0	T 0.0 01		Genl clear.
5	12 00	0	15 00	0	17 00	0	T 2.0 00	00	Gen clear
6	12 00	5	15 00	5	17 0	5	7.76 5.0 46		cloudy.
7	12 00	5	15 00	5	17 0	5	T 5.0 50		cloudy
8	12 00	5	15 00	5	17 0	5	LC 5.0 50		cloudy
9	12 0	5	15 0	5	17 0	5	LC 5.0 50		~~cloudy~~
10	12 0	4	15 0	4	17 0	4	LC 4.0 42		genlly m. tr.
11	12 0	3	15 0	2	17 0	1	LC 2.0 25		partly clear m. tr.
12	12 0	3	15 0	3	17 0	3	LC 3.0 26		thickly cloudy m. tr.
13	12 00	5	15 00	5	16 00	5	7.76 5.0 50		cloudy
14	12 00	5	15 0	5	17 00	5	LC 5.0 44		cloudy
15	12 00	3	15 00	3	17 00	2	T 2.7 14		partly cloudy.
16	12 00	2	15 00	2	17 00	2	T 2.0 26		gen clear
17	12 00	5	15 00	5	17 00	5	LC 5.0 44		genlly
18	12 00	4	15 00	5	17 0	5	K. 4.7 44		genlly
19	12 00	5	15 00	5	17 0	5	LC 5.0 45		cloudy
20	12 00	5	15 00	5	17 0	5	7.76 5.0 50		cloudy
21	12 00	5	15 00	5	17 0	5	T 5.0 50		cloudy.
22	12 00	5	15 00	5	17 0	5	7.76 5.0 50		clouds
23	12 00	5	15 00	5	17 00	5	T 5.0 50		Cloudy genl.
24	12 00	0	15 00	1	17 00	1	LC 0.0 45		Genl clear
25	12 00	0	15 00	0	17 00	0	T 0.0		Genl clear.
26	12 00	0	15 00	0	17 00	0	T 0.0		Clear genl.
27	12 00	4	15 00	2	17 00	3	7.76 4.0 30		part cloudy
28	12 00	3	15 00	4	16 00	5	T 4.0 26		part to Genlly.
29	12 00	5	15 00	2	17 00	1	7.76 4.7 27		part cloudy
30	12 00	3	15 00	2	17 00	1	T 2.0 22		part cloudy.
31	12 00	0	15 00	0	17 00	0	7.76 0.0 1.0		

Sept. 1911
Early night

Sept 1	7 00	4	9 00	4	11 00	3	3.7	LC	p cldy
2	7 00	4	9 00	3	11 00	5	4.0	LC	p cld to cldy
3	7 00	4	9 00	5	11 00	3	4.0	LC	gen cldy to p cldy
4	7 00	5	9 00	4	11 00	5	4.7	LC	gen cldy
5	7 00	3	9 00	1	11 00	0	0.7	LC	m br. clear
6	7 00	0	9 00	0	11 00	0	0.0	LC	m br. clear
7	6 30	3	9 00	4	11 00	5	4.0	LC	m full p cldy to cldy
8	6 30	2	9 00	4	11 00	3	3.0	LC	cldy to cldy to p cldy
9	6 30	5	9 00	5	11 00	5	5.0	LC	cldy
10	7 0	1	9 00	3	11 00	2	2.0	LC	clear p cldy
11	6 30	2	9 00	5	11 00	4	3.4	#H	p cldy to cldy
12	6 35	2	9 00	5	11 00	4	3.4	LC	p cldy to
13	6 30	5	9 00	5	11 00	5	5.0	LC	cldy
14	6 30	5	9 00	4	11 00	4	4.3	LC	cldy to p cldy
15	6 30	0	9 00	0	11 00	0	0.0	LC	clear
16	6 30	0	9 00	0	11 00	0	0.0	LC	clear
17	7 00	5	9 00	4	11 00	4	4.3	#H	cloudy
18	6 30	3	9 00	3	11 00	3	3.0	LC	hazy p cldy
19	6 50	1	9 00	1	11 00	0	0.7	LC	clear
20	6 50	1	9 00	0	11 00	0	0.3	LC	clear
21	7 00	2	9 00	0	11 00	0	0.7	#H	clear
22	7 00	2	9 00	1	11 00	0	1.0	LC	gen clear
23	7 00	0	9 00	0	11 00	0	0.0	LC	clear
24	7 00	0	9 00	0	11 00	0	0.0	#H	clear
25	6 50	1	9 00	1	11 00	2	1.3	LC	clear to p cldy
26	7 00	2	9 00	4	11 00	5	3.7	LC	p cld to cldy
27	6 45	5	9 00	5	11 00	5	5.0	LC	cldy
28	6 50	5	9 00	5	11 00	5	5.0	LC	cldy
29	7 00	5	9 00	5	11 00	5	5.0	LC	clear
30	7 00	0	9 00	0	11 00	0	0.0	LC	clear

Sept 1911.
late night.

11.

September 1 st	12 00	2 15 00	3 16 00	4 17 00	5 18 00	6 19 00	7 20 00	8 21 00	9 22 00	10 23 00	11 24 00	12 25 00	1 26 00	2 27 00	3 28 00	4 29 00	5 30 00	6 31 00	7 32 00	8 33 00	9 34 00	10 35 00	11 36 00	12 37 00	1 38 00	2 39 00	3 40 00	4 41 00	5 42 00	6 43 00	7 44 00	8 45 00	9 46 00	10 47 00	11 48 00	12 49 00	1 50 00	2 51 00	3 52 00	4 53 00	5 54 00	6 55 00	7 56 00	8 57 00	9 58 00	10 59 00	11 60 00	12 61 00	1 62 00	2 63 00	3 64 00	4 65 00	5 66 00	6 67 00	7 68 00	8 69 00	9 70 00	10 71 00	11 72 00	12 73 00	1 74 00	2 75 00	3 76 00	4 77 00	5 78 00	6 79 00	7 80 00	8 81 00	9 82 00	10 83 00	11 84 00	12 85 00	1 86 00	2 87 00	3 88 00	4 89 00	5 90 00	6 91 00	7 92 00	8 93 00	9 94 00	10 95 00	11 96 00	12 97 00	1 98 00	2 99 00	3 100 00	4 101 00	5 102 00	6 103 00	7 104 00	8 105 00	9 106 00	10 107 00	11 108 00	12 109 00	1 110 00	2 111 00	3 112 00	4 113 00	5 114 00	6 115 00	7 116 00	8 117 00	9 118 00	10 119 00	11 120 00	12 121 00	1 122 00	2 123 00	3 124 00	4 125 00	5 126 00	6 127 00	7 128 00	8 129 00	9 130 00	10 131 00	11 132 00	12 133 00	1 134 00	2 135 00	3 136 00	4 137 00	5 138 00	6 139 00	7 140 00	8 141 00	9 142 00	10 143 00	11 144 00	12 145 00	1 146 00	2 147 00	3 148 00	4 149 00	5 150 00	6 151 00	7 152 00	8 153 00	9 154 00	10 155 00	11 156 00	12 157 00	1 158 00	2 159 00	3 160 00	4 161 00	5 162 00	6 163 00	7 164 00	8 165 00	9 166 00	10 167 00	11 168 00	12 169 00	1 170 00	2 171 00	3 172 00	4 173 00	5 174 00	6 175 00	7 176 00	8 177 00	9 178 00	10 179 00	11 180 00	12 181 00	1 182 00	2 183 00	3 184 00	4 185 00	5 186 00	6 187 00	7 188 00	8 189 00	9 190 00	10 191 00	11 192 00	12 193 00	1 194 00	2 195 00	3 196 00	4 197 00	5 198 00	6 199 00	7 200 00	8 201 00	9 202 00	10 203 00	11 204 00	12 205 00	1 206 00	2 207 00	3 208 00	4 209 00	5 210 00	6 211 00	7 212 00	8 213 00	9 214 00	10 215 00	11 216 00	12 217 00	1 218 00	2 219 00	3 220 00	4 221 00	5 222 00	6 223 00	7 224 00	8 225 00	9 226 00	10 227 00	11 228 00	12 229 00	1 230 00	2 231 00	3 232 00	4 233 00	5 234 00	6 235 00	7 236 00	8 237 00	9 238 00	10 239 00	11 240 00	12 241 00	1 242 00	2 243 00	3 244 00	4 245 00	5 246 00	6 247 00	7 248 00	8 249 00	9 250 00	10 251 00	11 252 00	12 253 00	1 254 00	2 255 00	3 256 00	4 257 00	5 258 00	6 259 00	7 260 00	8 261 00	9 262 00	10 263 00	11 264 00	12 265 00	1 266 00	2 267 00	3 268 00	4 269 00	5 270 00	6 271 00	7 272 00	8 273 00	9 274 00	10 275 00	11 276 00	12 277 00	1 278 00	2 279 00	3 280 00	4 281 00	5 282 00	6 283 00	7 284 00	8 285 00	9 286 00	10 287 00	11 288 00	12 289 00	1 290 00	2 291 00	3 292 00	4 293 00	5 294 00	6 295 00	7 296 00	8 297 00	9 298 00	10 299 00	11 300 00	12 301 00	1 302 00	2 303 00	3 304 00	4 305 00	5 306 00	6 307 00	7 308 00	8 309 00	9 310 00	10 311 00	11 312 00	12 313 00	1 314 00	2 315 00	3 316 00	4 317 00	5 318 00	6 319 00	7 320 00	8 321 00	9 322 00	10 323 00	11 324 00	12 325 00	1 326 00	2 327 00	3 328 00	4 329 00	5 330 00	6 331 00	7 332 00	8 333 00	9 334 00	10 335 00	11 336 00	12 337 00	1 338 00	2 339 00	3 340 00	4 341 00	5 342 00	6 343 00	7 344 00	8 345 00	9 346 00	10 347 00	11 348 00	12 349 00	1 350 00	2 351 00	3 352 00	4 353 00	5 354 00	6 355 00	7 356 00	8 357 00	9 358 00	10 359 00	11 360 00	12 361 00	1 362 00	2 363 00	3 364 00	4 365 00	5 366 00	6 367 00	7 368 00	8 369 00	9 370 00	10 371 00	11 372 00	12 373 00	1 374 00	2 375 00	3 376 00	4 377 00	5 378 00	6 379 00	7 380 00	8 381 00	9 382 00	10 383 00	11 384 00	12 385 00	1 386 00	2 387 00	3 388 00	4 389 00	5 390 00	6 391 00	7 392 00	8 393 00	9 394 00	10 395 00	11 396 00	12 397 00	1 398 00	2 399 00	3 400 00	4 401 00	5 402 00	6 403 00	7 404 00	8 405 00	9 406 00	10 407 00	11 408 00	12 409 00	1 410 00	2 411 00	3 412 00	4 413 00	5 414 00	6 415 00	7 416 00	8 417 00	9 418 00	10 419 00	11 420 00	12 421 00	1 422 00	2 423 00	3 424 00	4 425 00	5 426 00	6 427 00	7 428 00	8 429 00	9 430 00	10 431 00	11 432 00	12 433 00	1 434 00	2 435 00	3 436 00	4 437 00	5 438 00	6 439 00	7 440 00	8 441 00	9 442 00	10 443 00	11 444 00	12 445 00	1 446 00	2 447 00	3 448 00	4 449 00	5 450 00	6 451 00	7 452 00	8 453 00	9 454 00	10 455 00	11 456 00	12 457 00	1 458 00	2 459 00	3 460 00	4 461 00	5 462 00	6 463 00	7 464 00	8 465 00	9 466 00	10 467 00	11 468 00	12 469 00	1 470 00	2 471 00	3 472 00	4 473 00	5 474 00	6 475 00	7 476 00	8 477 00	9 478 00	10 479 00	11 480 00	12 481 00	1 482 00	2 483 00	3 484 00	4 485 00	5 486 00	6 487 00	7 488 00	8 489 00	9 490 00	10 491 00	11 492 00	12 493 00	1 494 00	2 495 00	3 496 00	4 497 00	5 498 00	6 499 00	7 500 00	8 501 00	9 502 00	10 503 00	11 504 00	12 505 00	1 506 00	2 507 00	3 508 00	4 509 00	5 510 00	6 511 00	7 512 00	8 513 00	9 514 00	10 515 00	11 516 00	12 517 00	1 518 00	2 519 00	3 520 00	4 521 00	5 522 00	6 523 00	7 524 00	8 525 00	9 526 00	10 527 00	11 528 00	12 529 00	1 530 00	2 531 00	3 532 00	4 533 00	5 534 00	6 535 00	7 536 00	8 537 00	9 538 00	10 539 00	11 540 00	12 541 00	1 542 00	2 543 00	3 544 00	4 545 00	5 546 00	6 547 00	7 548 00	8 549 00	9 550 00	10 551 00	11 552 00	12 553 00	1 554 00	2 555 00	3 556 00	4 557 00	5 558 00	6 559 00	7 560 00	8 561 00	9 562 00	10 563 00	11 564 00	12 565 00	1 566 00	2 567 00	3 568 00	4 569 00	5 570 00	6 571 00	7 572 00	8 573 00	9 574 00	10 575 00	11 576 00	12 577 00	1 578 00	2 579 00	3 580 00	4 581 00	5 582 00	6 583 00	7 584 00	8 585 00	9 586 00	10 587 00	11 588 00	12 589 00	1 590 00	2 591 00	3 592 00	4 593 00	5 594 00	6 595 00	7 596 00	8 597 00	9 598 00	10 599 00	11 600 00	12 601 00	1 602 00	2 603 00	3 604 00	4 605 00	5 606 00	6 607 00	7 608 00	8 609 00	9 610 00	10 611 00	11 612 00	12 613 00	1 614 00	2 615 00	3 616 00	4 617 00	5 618 00	6 619 00	7 620 00	8 621 00	9 622 00	10 623 00	11 624 00	12 625 00	1 626 00	2 627 00	3 628 00	4 629 00	5 630 00	6 631 00	7 632 00	8 633 00	9 634 00	10 635 00	11 636 00	12 637 00	1 638 00	2 639 00	3 640 00	4 641 00	5 642 00	6 643 00	7 644 00	8 645 00	9 646 00	10 647 00	11 648 00	12 649 00	1 650 00	2 651 00	3 652 00	4 653 00	5 654 00	6 655 00	7 656 00	8 657 00	9 658 00	10 659 00	11 660 00	12 661 00	1 662 00	2 663 00	3 664 00	4 665 00	5 666 00	6 667 00	7 668 00	8 669 00	9 670 00	10 671 00	11 672 00	12 673 00	1 674 00	2 675 00	3 676 00	4 677 00	5 678 00	6 679 00	7 680 00	8 681 00	9 682 00	10 683 00	11 684 00	12 685 00	1 686 00	2 687 00	3 688 00	4 689 00	5 690 00	6 691 00	7 692 00	8 693 00	9 694 00	10 695 00	11 696 00	12 697 00	1 698 00	2 699 00	3 700 00	4 701 00	5 702 00	6 703 00	7 704 00	8 705 00	9 706 00	10 707 00	11 708 00	12 709 00	1 710 00	2 711 00	3 712 00	4 713 00	5 714 00	6 715 00	7 716 00	8 717 00	9 718 00	10 719 00	11 720 00	12 721 00	1 722 00	2 723 00	3 724 00	4 725 00	5 726 00	6 727 00	7 728 00	8 729 00	9 730 00	10 731 00	11 732 00	12 733 00	1 734 00	2 735 00	3 736 00	4 737 00	5 738 00	6 739 00	7 740 00	8 741 00	9 742 00	10 743 00	11 744 00	12 745 00	1 746 00	2 747 00	3 748 00	4 749 00	5 750 00	6 751 00	7 752 00	8 753 00	9 754 00	10 755 00	11 756 00	12 757 00	1 758 00	2 759 00	3 760 00	4 761 00	5 762 00	6 763 00	7 764 00	8 765 00	9 766 00	10 767 00	11 768 00	12 769 00	1 770 00	2 771 00	3 772 00	4 773 00	5 774 00	6 775 00	7 776 00	8 777 00	9 778 00	10 779 00	11 780 00	12 781 00	1 782 00	2 783 00	3 784 00	4 785 00	5 786 00	6 787 00	7 788 00	8 789 00	9 790 00	10 791 00	11 792 00	12 793 00	1 794 00	2 795 00	3 796 00	4 797 00	5 798 00	6 799 00	7 800 00	8 801 00	9 802 00	10 803 00	11 804 00	12 805 00	1 806 00	2 807 00	3 808 00	4 809 00	5 810 00	6 811 00	7 812 00	8 813 00	9 814 00	10 815 00	11 816 00	12 817 00	1 818 00	2 819 00	3 820 00	4 821 00	5 822 00	6 823 00	7 824 00	8 825 00	9 826 00	10 827 00	11 828 00	12 829 00	1 830 00	2 831 00	3 832 00	4 833 00	5 834 00	6 835 00	7 836 00	8 837 00	9 838 00	10 839 00	11 840 00	12 841 00	1 842 00	2 843 00	3 844 00	4 845 00	5 846 00	6 847 00	7 848 00	8 849 00	9 850 00	10 851 00	11 852 00	12 853 00	1 854 00	2 855 00	3 856 00	4 857 00	5 858 00	6 859 00	7 860 00	8 861 00	9 862 00	10 863 00	11 864 00	12 865 00	1 866 00	2 867 00	3 868 00	4 869 00	5 870 00	6 871 00	7 872 00	8 873 00	9 874 00	10 875 00	11 876 00	12 877 00	1 878 00	2 879 00	3 880 00	4 881 00	5 882 00	6 883 00	7 884 00	8 885 00	9 886 00	10 887 00	11 888 00	12 889 00	1 890 00	2 891 00	3 892 00	4 893 00	5 894 00	6 895 00	7 896 00	8 897 00	9 898 00	10 899 00	11 900 00	12 901 00	1 902 00	2 903 00	3 904 00	4 905 00	5 906 00	6 907 00	7 908 00	8 909 00	9 910 00	10 911 00	11 912 00	12 913 00	1 914 00	2 915 00	3 916 00	4 917 00	5 918 00	6 919 00	7 920 00	8 921 00	9 922 00	10 923 00	11 924 00	12 925 00	1 926 00	2 927 00	3 928 00	4 929 00	5 930 00	6 931 00	7 932 00	8 933 00	9 934 00	10 935 00	11 936 00	12 937 00	1 938 00	2 939 00	3 940 00	4 941 00	5 942 00
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October 1911
Early night

Oct.

1	7 00	0	9 00	1	11 00	1	07	LC	clear
2	7 00	1	9 00	1	11 00	3	17	LC	clear to p cldy
3	7 00	3	9 00	3	11 00	2	27	LC	p cldy
4	7 00	5	9 00	5	11 00	4	47	LC	cldy to p cldy
5	7 00	5	9 00	5	11 00	5	50	LC	cldy
6	7 00	5	9 00	5	11 00	5	50	LC	cldy
7	7 00	5	9 00	5	11 00	5	50	LC	cldy
8	7 00	4	9 00	5	11 00	4	47	LC	gen cldy
9	7 00	0	9 00	0	11 00	0	00	LC	clear
10	7 00	1	9 00	3	11 00	4	27	LC	clear to p cldy
11	7 00	5	9 00	5	11 00	5	50	LC	gen cldy
12	7 00	1	9 00	2	11 00	3	20	LC	clear to p cldy
13	7 00	1	9 00	1	11 00	1	10	LC	clear
14	7 00	2	9 00	2	11 00	1	17	LC	gen clear
15	7 00	3	9 00	2	11 00	1	20	LC	p cldy
16	7 00	0	9 00	0	11 00	0	00	LC	clear
17	6 50	0	9 00	0	11 00	0	00	LC	clear
18	7 00	1	9 00	3	11 00	2	20	LC	gen clear to p cldy
19	7 00	1	9 00	1	11 00	0	07	LC	to clear
20	7 00	3	9 00	4	11 00	4	37	LC	p cldy
21	7 00	4	9 00	4	11 00	5	43	LC	p cldy to cldy
22	7 00	4	9 00	5	11 00	4	43	LC	p cldy to cldy
23	7 00	0	9 00	0	11 00	0	00	LC	clear
24	7 00	1	9 00	0	11 00	3	07	LC	clear to cldy
25	7 00	3	9 00	1	11 00	1	17	LC	p cldy to clear
26	7 00	3	9 00	3	11 00	4	33	LC	p cldy to cldy
27	7 00	5	9 00	5	11 00	4	43	LC	gen cldy
28	7 00	5	9 00	5	11 00	5	50	LC	gen cldy
29	7 00	5	9 00	4	11 00	5	47	LC	gen cldy
30	7 00	5	9 00	5	11 00	5	50	LC	gen cldy raining
31	7 00	5	9 00	5	11 00	4	47	LC	gen cldy

October 1911
Late night

Oct	1	12 00	1	15 0	1	17 0	1	0.7	0.7	L.C.	clear
	2	12 00	3	15 0	3	17 0	4	3.3	2.5	L.C.	p.cldy
	3	12 00	2	15 0	3	17 0	3	2.7	2.7	L.C.	top cldy gen clear
	4	12 00	4	15 0	4	17 0	4	4.0	4.4	L.C.	gen cldy
	5	12 00	5	15 0	5	17 0	5	5.0	5.0	L.C.	cldy
	6	12 00	5	15 00	5	17 0	5	5.0	5.0	L.C.	cldy
	7	12 0	5	15 00	5	17 0	5	5.0	5.0	L.C.	cldy
x	8	12 0	5	15 00	4	17 0	4	4.3	4.5	L.C.	gen cldy
	9	12 0	1	15 00	3	17 0	4	2.7	1.4	L.C.	clear to p.cldy
	10	12 0	4	15 00	5	17 00	5	4.7	3.7	L.C.	gen cldy
	11	12 0	5	15 00	5	17 00	5	5.0	5.0	L.C.	cldy
	12	12 00	3	15 00	4	17 00	4	3.7	2.8	P.H.	Thin clouds
	13	12 00	2	15 00	1	16 30	1	1.3	1.2	L.C.	clear
	14	12 00	0	15 00	2	17 00	3	1.7	1.7	P.H.	Thin C's at 50
low	15	12 00	1	15 00	1	17 00	1	1.0	1.5	L.C.	gen clear
	16	12 00	0	15 00	0	16 50	0	0.0	0.0	P.H.	Clear
	17	12 00	0	15 00	4	17 00	4	2.7	1.4	P.H.	clear to cldy
	18	12 00	1	15 00	4	17 0	4	3.0	2.5	P.H.	clear to cldy
	19	12 00	0	15 00	0	17 00	4	1.3	0.3	P.H.	Thin C's at 50
	20	12 00	3	15 00	4	17 00	5	4.0	3.8	P.H.	Thick clouds
	21	12 00	5	15 00	5	17 0	5	5.0	4.6	P.H.	cldy
	22	11 50	4	15 0	4	17 0	3	3.7	4.0	L.C.	cldy top cldy
	23	12 00	0	15.0	0	17.0	1	0.3	0.2	P.H.	Clear. Much dust.
	24	12 00	3	15.00	4	17 0	5	4.0	2.4	P.H.	Cloudy
	25	12 00	1	15 00	2	17 00	4	2.3	2.0	P.H.	clear to cloudy
	26	12 00	5	15 00	5	17 00	5	5.0	4.2	L.C.	gen cldy
	27	12 00	5	15 00	5	17 0	4	4.7	4.5	P.H.	gen cldy
	28	12 00	5	15 00	5	17 0	4	4.7	4.6	L.C.	gen cldy
	29	12 00	5	15 00	5	17 0	5	5.0	4.8	P.H.	cldy
	30	12 00	5	15 00	5	17 0	5	5.0	5.0	P.H.	cldy
ing	31	12 00	4	15 0	4	17 0	4	4.0	4.4	L.C.	gen cldy

November
Early

Nov.	1	7 00	1	9 00	0	11 00	3	1.7	LC clear to pldy
	2	7 00	1	9 00	0	11 00	1	0.7	LC clear
	3	7 00	5	9 00	5	11 00	5	5.0	LC gen cldy
	4	7 00	5	9 00	5	11 00	5	5.0	LC cldy
	5	7 00	3	9 00	5	11 00	5	4.3	LC pldy to ddy
	6	7 00	4	9 00	3	11 00	3	3.3	LC pldy
	7	7 00	5	9 00	5	11 00	5	5.0	LC cldy
	8	7 00	5	9 00	5	11 00	5	5.0	LC cldy
	9	7 00	5	9 00	5	11 00	5	5.0	LC cldy
	10	7 00	4	9 00	2	11 00	4	3.3	LC pldy to ddy
	11	7 00	4	9 00	3	11 00	5	4.0	LC pldy to ddy
	12	7 00	5	9 00	5	11 00	5	5.0	LC cldy
	13	7 00	5	9 00	5	11 00	5	5.0	LC cldy
	14	7 00	5	9 00	5	11 00	5	5.0	LC cldy
	15	7 00	5	9 00	5	10 30	5	5.0	2/3 cldy
	16	7 00	5	9 00	4	11 00	3	4.0	LC cldy to clear
	17	7 00	3	9 00	1	11 00	2	2.0	LC gen clear
	18	7 00	5	9 00	3	11 00	3	3.7	2/3 cldy to clear
	19	7 00	5	9 00	4	11 00	4	4.3	LC gen cldy to hazy
	20	7 00	5	9 00	5	11 00	5	5.0	LC gen cldy
	21	7 00	1	9 00	0	11 00	0	0.3	LC clear
	22	7 00	0	9 00	0	11 00	0	0.0	LC clear
	23	7 00	1	9 00	1	11 00	0	0.0	LC clear
	24	7 00	5	9 00	5	11 00	5	5.0	LC cldy
	25	7 00	5	9 00	5	11 00	5	5.0	2/3 cldy
	26	7 00	2	9 00	0	11 00	0	0.0	2/3 clear
	27	7 00	3	9 00	4	11 00	4	3.7	LC pldy to ddy
	28	7 00	0	9 00	0	11 00	0	0.0	LC clear
	29	7 00	0	9 00	0	11 00	0	0.0	LC clear
	30	7 00	3	9 00	4	11 00	4	3.7	LC pldy to ddy

November
Late

Nov.	1	12 00	4	15 0	4	16 30	3	3.7	2.7	LC	pcldy
	2	12 00	1	15 0	0	16 30	0	0.3	0.5	LC	clear
	3	12 00	5	15 0	5	16 30	5	5.0	5.0	LC	cldy
	4	12 00	5	15 0	5	16 30	5	5.0	5.0	LC	cldy
	5	12 00	5	15 0	4	16 30	3	4.0	4.2	LC	cldy to pcldy
	6	12 00	3	15 0	4	16 30	4	3.7	3.5	LC	pcldy to cldy
	7	12 00	4	15 0	5	16 30	5	4.7	4.8	LC	gen cldy
	8	12 00	5	15 0	5	16 30	5	5.0	5.0	LC	cldy
	9	12 00	5	15 0	5	16 30	5	5.0	5.0	LC	cldy
	10	12 00	4	15 0	4	16 30	4	4.0	3.6	LC	pcldy
	11	12 00	5	15 0	5	16 30	5	5.0	4.5	LC	gen cldy
	12	12 00	5	15 0	5	16 30	5	5.0	5.0	LC	cldy
	13	12 00	5	15 0	4	16 30	4	4.3	4.6	LC	cldy
	14	12 0	5	15 0	5	16 30	5	5.0	5.0	LC	cldy
	15	12 0	5	15 0	5	16 30	5	5.0	5.0	LC	cldy
	16	12 00	4	15 00	3	16 30	4	3.7	3.8	LC	pcldy to cldy
	17	12 00	2	15 00	2	16 30	2	2.0	2.0	LC	gen clear
	18	12 00	4	15 00	4	16 30	4	4.0	0.8	LC	gen cldy
	19	12 00	5	15 00	5	16 30	5	5.0	4.6	LC	gen cldy to pcldy
	20	12 00	5	15 00	5	16 30	5	5.0	5.0	LC	cldy
	21	12 00	0	15 00	0	16 30	0	0.3	0.0	LC	clear
	22	12 00	0	15 00	0	16 30	2	0.7	0.4	LC	clear
	23	12 00	0	15 00	0	16 30	2	0.7	0.4	LC	clear to pcldy
	24	12 00	5	15 00	5	16 30	5	5.0	5.0	LC	cldy
	25	12 00	5	15 0	5	16 30	5	5.0	5.0	LC	cldy
	26	12 00	0	15 0	0	16 30	0	0.0	0.0	LC	clear
	27	12 00	4	15 0	4	16 30	3	3.7	3.7	LC	gen cldy
	28	12 00	0	15 00	0	16 30	0	0.0	0.0	LC	clear
	29	12 00	0	15 00	0	16 30	0	0.0	0.0	LC	clear
	30	12 00	4	15 00	4	16 30	4	4.0	3.8	LC	gen cldy

December

Dec	1	7 00	0 9 00	3 11 00	4	P.C. 2.3	clear/cldy
	2	7 00	0 9 00	3 11 00	5	P.C. 00	clear
	3	7 00	5 9 00	5 11 00	5	F.H. 50	cldy
	4	7 00	5 9 00	5 11 00	5	P.C. 50	cldy
	5	7 00	0 9 00	0 11 00	0	F.H. 00	clear
	6	7 00	0 9 00	0 11 00	1	F.H. 0.3	clear
	7	7 00	5 9 00	5 11 00	5	P.C. 50	cldy
	8	7 00	5 9 00	5 11 00	5	P.C. 50	cldy
	9	7 00	5 9 00	5 11 00	5	P.C. 50	cldy
	10	7 00	3 9 00	3 11 00	3	F.H. 30	Partly cldy
	11	7 00	5 9 00	3 11 00	4	F.H. 40	gndly thsy
	12	7 00	5 9 00	5 11 00	5	P.C. 50	gndly
	13	7 00	5 9 00	5 11 00	5	P.C. 50	gndly
	14	7 00	5 9 00	5 11 00	5	F.H. 50	cldy
	15	7 00	5 9 00	5 11 00	5	P.C. 50	cldy
	16	7 00	5 9 00	5 11 00	5	P.C. 50	cldy
	17	7 00	5 9 00	3 11 00	3	F.H. 37	ady to pldy
	18	7 00	5 9 00	5 11 00	5	P.C. 50	cldy
	19	7 00	5 9 00	3 11 00	4	F.H. 40	cldy to pldy
	20	7 00	2 9 00	3 11 00	4	P.C. 30	pld to cldy
	21	7 00	3 9 00	3 11 00	3	P.C. 30	gndly
	22	7 00	3 9 00	3 11 00	4	P.C. 33	pldly hazy
	23	7 00	3 9 00	4 11 00	5	P.C. 40	pldly to cldy
	24	7 00	5 9 00	5 11 00	5	F.H. 50	cldy
	25	7 00	5 9 00	4 11 00	5	P.C. 48	gndly
	26	7 00	5 9 00	4 11 00	3	P.C. 40	cldy to pldy
	27	7 00	3 9 00	3 11 00	2	P.C. 27	pld to clear
	28	7 00	4 9 00	5 11 00	5	P.C. 47	gndly
	29	7 00	5 9 00	5 11 00	5	P.C. 50	cldy
	30	7 00	4 9 00	4 11 00	5	P.C. 43	gndly
	31	7 00	5 9 00	5 11 00	5	P.C. 50	F.H.

1911

Dec. 1	12 00	4	15 00	3	16 30	3	3.3	2.8	PC cloudy
2	12 00	0	15 00	1	16 30	1	0.7	0.4	HH. clear
3	12 00	5	15 00	5	16 30	4	4.7	4.8	HH. PC cloudy
4	12 00	5	15 00	5	16 30	4	4.7	4.8	PC cloudy
5	12 00	0	15 00	0	16 30	0	0.0	0.0	PC clear
6	12 00	1	15 00	1	16 30	0	0.7	0.5	PC clear
7	12 00	5	15 00	5	16 30	5	5.0	5.0	PC cloudy
8	12 00	5	15 00	5	16 30	5	5.0	5.0	PC cloudy
9	12 00	5	15 00	5	16 30	4	4.7	4.8	PC partly cloudy
10	12 00	2	15 0	3	16 30	4	3.0	3.0	PC cloudy
11	12 00	5	15 0	5	16 30	5	5.0	4.5	PC partly cloudy
12	12 00	5	15 0	5	16 30	4	4.7	4.8	PC partly cloudy
13	12 00	5	15 0	5	16 30	5	5.0	5.0	PC cloudy
14	12 00	5	15 0	5	16 30	5	5.0	5.0	PC cloudy
15	12 00	5	15 0	5	16 30	5	5.0	5.0	PC cloudy
16	12 00	5	15 0	5	16 30	5	5.0	5.0	PC cloudy
17	12 00	5	15 0	5	16 30	5	5.0	5.0	PC cloudy
18	12 00	5	15 0	5	16 30	5	5.0	5.0	PC cloudy
19	12 00	4	15 0	4	16 30	5	4.7	4.6	PC cloudy
20	12 00	4	15 00	3	16 30	4	3.7	3.4	PC cloudy
21	12 00	3	15 00	3	16 00	2	2.7	2.8	PC cloudy
22	12 00	4	15 00	4	16 30	4	4.0	3.6	PC cloudy
23	12 00	5	15 00	5	16 30	5	5.0	4.5	PC cloudy
24	12 00	5	15 00	5	16 30	5	5.0	5.0	PC cloudy
25	12 00	5	15 00	5	16 30	5	5.0	4.8	PC cloudy
26	12 00	2	15 00	3	16 00	2	2.3	3.2	PC cloudy
27	12 00	0	15 00	0	16 00	0	0.0	1.4	PC clear
28	12 0	5	15 0	5	16 0	5	5.0	4.8	PC partly cloudy
29	12 0	5	15 0	5	16 00	5	5.0	5.0	PC cloudy
30	12 0	5	15 0	5	16 00	5	5.0	4.6	PC cloudy
31	12 0	5	15 0	5	16 00	5	5.0	5.0	PC cloudy

June 1911.

	0	1	2	3	4	5	Mean
6 54	4	6	1	2	5	12	3.1
9 00	4	4	1	5	5	11	3.2
11 03	6	2	4	1	6	11	3.1
	14	12	6	8	16	35	3.1
12 00	5	3	3	3	2	14	3.2
14 52	6	2	1	2	4	15	3.4
16 50	5	2	3	1	2	14	3.5
	16	7	7	7	8	46	3.3
	30	19	13	15	24	81	3.2
Early mean	4.7	4.0	2.0	2.7	5.3	11.7	
late mean	5.3	2.3	2.3	2.3	2.7	15.3	
all mean (6)	5.0	3.2	2.2	2.5	4.0	13.5	
" " (5)	4.9	3.3	1.9	2.6	4.0	13.7	
	No	Early	No	late	No	all	
clear	8.7	29	7.6	25	8.2	27	
p. cl'd	4.7	16	4.6	15	4.5	15	
cl'd	17.0	57	18.0	60	17.7	59	
All sorts	4.7	16	5.3	18	4.9	16	
Brae Wack Photos	8.7	29	7.6	25	8.2	27	
Ord. Visual	10.7	36	9.9	33	10.1	34	
Ord. Phly	13.4	45	12.2	41	12.7	42	
Transit Photos	18.7	62	14.9	50	16.7	56.5	
None.	11.7	39	15.3	50	13.7	46.5	

- July 1911 -

	0	1	2	3	4	5	mean
6 36	12	4	2	2	4	7	2.2
9 00	14	1	3	5	5	3	1.8
11 03	13	4	4	6	2	2	1.6
	<u>39</u>	<u>9</u>	<u>9</u>	<u>13</u>	<u>11</u>	<u>12</u>	<u>1.8</u>
12 03	17	2	2	4	2	3	1.3
14 56	15	3	4	2	3	4	1.6
17 54	15	4	3	2	3	4	1.6
	<u>47</u>	<u>9</u>	<u>9</u>	<u>8</u>	<u>8</u>	<u>11</u>	<u>1.5</u>
	86	18	18	21	19	23	1.6
Early mean	13.0	3.0	3.0	4.3	3.7	4.0	
Late mean	15.7	3.0	3.0	2.7	2.7	3.7	
All 6 mean	14.3	3.0	3.0	3.5	3.2	3.8	
11 5 "	14.2	3.0	3.0	3.5	3.2	4.1	
	Early	late			all		
clear	16.0	52	18.7	60	17.2	~~56~~	
p cldy	7.3	24	5.7	18	6.5	21	
cldy	7.7	24	6.4	22	7.3	24	
all rats	13.0	42	15.7	51	14.2	46	
Bunce	16.0	52	18.7	60	17.2	55	
Ord Vis.	19.0	61	21.7	70	20.2	65	
Ord Phg.	23.3	75	24.4	79	23.7	76	
Transit	27.0	87	27.1	88	26.9	87	
None	4.0	13	3.7	12	4.1	13	

August 1911.

	0	1	2	3	4	5	mean
6	3	3	4	6	5	10	3.2
9	4	2	2	4	8	11	3.4
11	5	3	2	5	5	11	3.1
	12	8	8	15	18	31	3.3
12	8	0	1	5	11	13	3.2
15	7	1	~~5~~	2	3	13	3.1
16	6	5	2	2	2	14	3.1
	21	6	8	9	9	40	3.1
	33	14	16	24	27	71	3.2
Early mean	4.0	2.7	2.7	5.0	6.0	10.3	
late mean	7.0	2.0	2.7	3.0	3.0	13.3	
all 6 mean	5.5	2.3	2.7	4.0	4.5	11.8	
" 5 "	5.3	2.5	2.9	3.8	4.5	11.8	
	Early		late		all		
Clear	6.7	22	9.0	29	7.8	25	
p cldy	7.7	25	5.7	18	6.7	22	
cldy	16.3	53	16.3	53	16.3	53	
Any rain	4.0	13	7.0	23	5.3	17	
Breeze	6.7	22	9.0	29	7.8	25	
Cloud Vis.	9.4	30	11.7	38	10.7	34	
Cloud Phty	14.4	46	14.7	47	14.5	47	
Transit	20.4	66	17.7	57	19.0	62	
None	10.3	34	13.3	43	11.8	38	

September 1911.

153.

	0	1	2	3	4	5	mean
6	6	5	6	2	3	8	2.5
9	2	4	0	3	7	8	2.7
11	11	0	2	4	4	9	2.6
	25	9	8	9	14	25	2.6
12	11	1	2	3	4	9	2.5
15	10	0	2	6	2	10	2.7
17	9	0	1	4	8	8	2.9
	30	1	5	13	14	27	2.7
	55	10	13	22	28	52	2.6

Early mean	8.3	3.0	2.7	3.0	4.7	8.3
late mean	10.0	0.3	1.7	4.3	4.7	9.0
all 6 read	9.2	1.7	2.2	3.7	4.7	8.7
all 5 read	8.9	1.9	2.2	3.7	4.8	8.6

nights	Early	late	all
clear	11.3 38%	10.3 34%	10.8 36%
p cldy	5.7 19	6.0 20	5.9 20
cldy	13.0 43	13.7 46	13.4 44
	%	%	%
Aurora	8.3 28	10.0 33	8.9 30
Breeze	11.3 38	10.3 34	10.8 36
Ord Vis	14.0 47	12.0 40	13.0 43
Ord Ptg	17.0 57	16.3 54	16.7 56
Transit	21.7 72	21.0 70	21.5 72
None	8.3 28	9.0 30	8.6 28

October 1911.

	0	1	2	3	4	5	mean
7	5	7	1	5	3	10	
9	5	5	3	4	4	10	
11	5	5	2	3	8	8	
	15	17	6	12	15	28	
12	5	5	2	4	4	11	
15	3	3	2	3	29	11	
17	1	4	0	3	12	11	
	9	12	4	10	25	33	
	24	29	10	22	40	~~44~~ 61	
Early mean	5.0	5.7	2.0	4.0	5.0	9.3	
late mean	3.0	4.0	1.3	3.3	8.5	~~7.0~~	
all night	6	4.0	4.8	1.7	3.7	6.7	~~10.3~~
" "	5	3.8	4.8	1.6	3.7	6.8	~~10.3~~
	Early		late		all		
clear	10.7	34	7.0	23	8.6	28	
pcldy	6.0	19	4.6	15	5.3	17	
cldy	14.3	46	19.5	63	~~13.7~~	55	
Any root	5.0	16	3.0	10	2.8	12	
Bunce	10.7	34	7.0	23	8.6	28	
Ord vis	12.7	41	8.3	27	10.2	33	
Ord Phg	16.7	54	11.6	37	13.9	45	
Transit	21.7	70	20.1	65	20.7	67	
None	9.3	30	11.0	35	10.8	33	

November 1911.

	0	1	2	3	4	5	Mean
7	3	4	1	4	3	15	
9	7	2	1	3	4	13	
11	6	1	1	~~4~~	4	14	
	16	7	3	11	11	42	
12	6	1	1	1	7	14	
15	7	0	1	1	8	13	
16	5	0	3	3	6	13	
	18	1	5	5	21	40	
	34	8	8	16	32	82	
	28	7	7	13.5	26.5	68	
Early	5.3	2.3	1.0	3.7	3.7	14.0	
late	6.0	0.3	1.7	1.7	7.0	13.3	
all 6	5.7	1.7	1.7	2.7	5.3	13.7	
" 5	5.6	1.4	1.4	2.7	5.3	13.6	
	Early	late	all				
clear	7.6	2.5	6.3	2.1	7.0	2.3	
pcldy	4.7	1.0	3.4	1.1	4.1	1.4	
cldy	17.7	5.9	20.3	6.8	18.9	6.3	
Aurport	5.3	1.8	6.0	2.0	5.6	1.9	
Bruce	7.6	2.5	6.3	2.1	7.0	2.3	
Ord Vis	8.6	2.9	8.0	2.7	8.4	2.8	
Ord Pity	12.3	4.1	9.7	3.2	11.1	3.7	
Transit	16.0	5.3	16.7	5.6	16.4	5.5	
Novel	14.0	4.7	13.3	4.4	13.6	4.5	

December 1911.

	0	1	2	3	4	5
7	4	0	1	5	2	19
9	3	0	0	9	4	15
11	2	1	1	4	5	17
	9	1	2	14	11	52
12	3	1	2	1	4	20
15	2	2	0	5	2	20
16	3	1	2	1	7	17
	8	4	4	7	13	57
	17	5	6	25	24	109
Early mean	3.0	0.3	0.7	6.0	3.7	17.3
late mean	2.7	1.3	1.3	2.3	4.3	19.0
all 6 mean	2.8	0.8	1.0	4.2	4.0	18.2
5 mean	2.9	0.8	0.9	4.1	3.9	18.0
	Early	late	all	} This section.		
Clear	3.3	11	4.0	13	3.6	12
p. cldy	6.7	22	3.6	12	5.2	17
cldy	21.0	67	23.3	75	22.2	71
All rats.	3.0	10	2.7	9	2.8	9
Bruce	3.3	11	4.0	13	3.6	12
Ord vis.	4.0	13	5.3	17	4.6	15
Ord phly.	10.0	32	7.6	25	8.8	28
Transit.	12.7	44	11.9	38	12.8	42
None	17.3	56	19.0	62	18.2	58

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