

1884	9 a.m.			Hygrom	Anemometer		Rain		Clouds	Clouds	Weather	
January	E. Barom.	A. Alt. Th.	Bar Dry	Bar Wet	Dir.	Sp.	Square	Kew	Amount	Form	At time of obs.	Since last obs.
1	30.187 30.675	53.5 45.7	38.7 41.4	36.3 40.0	NE WSW	0.5	0.005	0.005	10	Circ	bc	oc
2	29.890	45.1	47.7	47.2	SW N	0.5	0.205	0.190	10	Circ Nim	o	cor
3	29.584	44.0	41.2	40.9	NE	1	0.420	0.425	10	Circ Nim	og	
4	29.740	46.0	47.2	46.5	S	1	0.420	0.420	8	Cum Circ	bc	
5	29.406	47.8	48.4	47.2	S	3-4	0.054	0.054	7	Circ	bc	op
6	29.445	47.0	45.1	44.4	SW	1	0.096	0.104	9	Circ Cums	c	
7	29.675	45.7	41.9	40.0	WSW	3	0.090	0.092	8	Circ	bc	oc
8	29.737	45.1	47.7	47.2	SW	2	0.010	0.010	10	Nim	r	cor
9	29.768	47.1	51.0	49.9	SW	3-5	0.215	0.230	10	Circ	o	o
10	29.916	47.3	46.3	45.7	SW	3	0.180	0.185	10	Cums	og	oro
11	29.762	44.5	37.8	36.0	WNW	4	0.000		4	Circ Cums	bc	poc
12	30.299	43.0	38.7	37.7	WSW	1	0.000		0	-	b	c
13	30.261	44.0	43.2	42.5	SW	1	0.000		10	Circ	o	o
14	30.200	45.0	48.0	47.1	WSW	1	0.000		10	Circ	o	o
15	30.447	45.7	45.8	45.0	WSW	0.5	0.000		10	Circ	o	o
16	30.425	45.1	41.1	40.7	SW	0.5	0.005		10	Circ	o	o
17	30.304	45.0	44.9	44.0	WSW		0.006		10	str	o	o
18	30.239	45.7	46.3	44.8	SSW		0.040	same	10	str	o	o
19	30.198	46.0	48.2	47.5	W		0.020	27	10	str	g	g.b.c.
20	30.066	46.3	44.1	41.9	S		0.010	02	5	ci-s	b.c.	b.c.
21	30.185	45.2	41.9	40.7	W		0.201	0.192	3	ci-s ci-en	b.c.	b.c. g.g.t.
22	29.579	47.1	51.0	50.5	SSW		0.665	0.668	10	str	g.g.t.	g.g.t.
23	28.902	46.2	48.1	47.3	W		0.195	0.210	10	str	g.g.t.	g.g.t. very equally
24	29.595	42.1	34.4	34.0	W		0.107	0.080	2	str	b.c.	b.c. Snow on ground
25	29.144	41.9	37.3	35.6	W		0.085	0.115	7	ci-s	b.c.	b.c. Snow showers, Solar Halo (p.m.)
26	28.300	39.4	35.4	34.4	SSW		0.385	0.405	10	str	s.g.	g.s. Snow & sleet, heavy gale from SW. del 67 miles at 5 P.M. Bar had 27.768 at 6 P.M.
27	28.612	30.0	31.3	31.2			0.320	0.350	10	str	moving	s.b.c. Fall of snow
28	29.308	38.0	35.4	34.4	W		0.410	0.340	7	str	b.c.	b.c. g.g.t. - - -
29	29.146	39.0	46.4	46.3	WSW		0.052	0.048	10	str	g.g.t.	Rapid thaw
30	29.380	41.2	40.6	37.7	SW	3	0.055	0.056	82	Circ	bc	oc
31	29.395	41.2	42.8	41.2	SSW	0.5	0.200	0.185	10	Circ	o	co
	22.045 14.1514	1382 167					4.451					

10 P.M.

Hygrom.

Anemometer

Therm.

Corrected

Dry }
Wet }Wet
Dir.

Sp.

Dew Point
Max.Elastic
Min.
Force of Vapour.

	N	A	Reduced Bar	Dry } Wet }	Wet Dir.	Sp.	Dew Point Max.	Elastic Min. Force of Vapour.
-	+	+						
067	241	174	30.361	38.2	35.8		32.6	0.185
044	240	196	30.086	34.8	34.3		32.8	.192
041	235	194	29.778	40.7	40.4		40.1	.247
046	233	187	29.927	46.7	46.0		45.2	.302
052	230	178	29.584	47.9	46.7		45.4	.302
049	233	184	29.629	44.6	43.9		43.1	.278
045	235	190	29.865	41.4	39.5		37.1	.222
044	234	190	29.927	47.2	46.7		46.2	.312
049	231	182	29.950	50.5	49.4		48.2	.338
50	236	186	30.102	45.8	45.2		44.5	.294
43	238	195	29.957	37.3	35.5		33.0	.188
39	242	203	30.502	38.2	37.2		35.8	.210
42	240	198	30.459	42.7	42.0		41.2	.259
44	237	193	30.393	47.5	46.6		45.7	.306
46	240	194	30.641	45.3	44.5		43.6	.284
44	242	198	30.623	40.6	40.2		39.8	.244
45	239	194	30.498	44.4	43.5		42.5	.272
45	239	194	30.433	45.8	44.3		42.6	.274
47	237	190	30.388	47.7	47.0		46.2	.313
48	236	188	30.254	43.6	41.4		38.8	.236
45	239	194	30.379	41.4	40.2		38.8	.235
49	230	181	29.760	50.5	50.0		49.5	.355
45	227	182	29.084	47.6	46.8		45.9	.310
36	238	202	29.797	33.9	33.5		32.9	.188
35	233	198	29.342	36.8	35.1		32.7	.186
27	227	200	28.500	34.9	33.9		32.3	.183
24	232	208	28.820	30.8	30.7		30.7	.171
25	235	210	29.518	34.9	33.9		32.3	.183
27	230	203	29.349	45.9	45.8		45.8	.306
33	234	201	29.581	40.1	37.2		33.5	.192
33	233	200	29.595	42.3	40.7		38.8	.236

Mean

29.9059 42.26 41.22

1884

9 P.M.

10 A.M.

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

January

Barom.

Alt. Th.

Dry

Wet

Dir.

Sp.

Amount
SquareForm
KewAt time
of obs.Since
last obs

Max.

Min.

1	30.000	47.5	37.6	35.9			10	Circs	o		40.4	36.4
2	29.751	44.0	36.4	35.5			8	Circ	bc		40.5	34.6
3	29.656	45.2	43.8	43.2			10	Circ	og		43.5	35.5
4	29.750	47.2	44.5	48.7			10	Nim	r	op	50.6	42.7
5	29.362	47.7	47.6	45.9			8	Circ	bc	cp	50.8	46.7
6	29.680	47.0	44.3	43.0			10	Circ	o	pc	48.4	43.7
7	29.912	44.2	39.2	37.7			10	Circ	o	pc	45.5	36.0
8	29.768	46.3	49.1	47.6			10	Cum	o	o	49.8	38.5
9	29.943	47.8	46.9	45.9			10	Nim	d	o	52.2	46.0
10	29.840	46.8	44.0	42.9			10	Circ	o	op	49.5	43.4
11	30.120	43.4	38.9	36.0			8	Cum	bc	bc	45.0	35.0
12	30.307	44.0	43.9	42.1			10	Circ	o	bco	44.7	35.9
13	30.223	44.2	44.0	43.1			10	Circ	o	oco	45.5	41.8
14	30.341	45.9	48.0	47.3			10	Cums	og	o	49.4	43.0
15	30.469	46.1	45.0	44.4			10	Cums	og	oco	48.9	44.3
16	30.378	44.9	40.9	40.2			10	Cums	gd	o	46.4	39.6
17	30.280	45.4	46.7	45.6			10	ci-s	o	o	47.5	39.4
18	30.170	45.7	46.0	44.5			10	str	o	o	47.5	44.4
19	30.052	46.6	47.3	45.4			10	ci-s	o.g.	o	49.9	45.2
20	29.911	47.0	47.4	45.0			0	b	b.	o.g.be.	49.8	43.3
21	29.820	46.5	48.9	45.4			7	ci-s	b.e.g	b.e.g	49.3	40.7
22	29.570	47.0	42.4	41.4			0	2	b.	b.e.g.t.	52.7	41.3
23	29.270	43.9	38.4	36.3			0	-	b.g.	b.g.t.	50.7	36.9
24	29.378	42.3	39.3	32.7			0	-	b.g.	b.g.t.	43.5	32.7
25	29.012	40.6	34.0	33.3			10	ci-s	o	g.v.e	39.8	33.0
26	27.951	38.0	34.4	34.0			10	Cumg	g.v.	g.v.	44.9	30.9
27	29.751	27.9	31.3	30.0			0	-	b.	g.v.	39.5	29.9
28	29.479	38.0	33.5	32.4			0	-	b.	g.v.be	36.7	30.2
29	29.350	41.0	44.0	43.6			10	Cums	g	g.v	50.5	33.3
30	29.527	41.0	38.8	37.9			7	Cum	bc	bepc	46.5	37.0
31	29.100	42.0	44.1	42.7			1	Cum	bc	ocb	43.9	38.7

Mean

46.57

38.71

10 P.M.

Hygrom

Anemometer

Therm.

Sunshine

Corrected

	N	A	Reduced Bar	Dry } Wet }	Wet } Dir. }	Sp.	Dew Point Max.	Elastic Min. Force	in hours
51	240	189	30.189	37.1	35.4		33.1	0.188	-
41	238	197	29.948	35.9	35.0		33.7	.194	0.3
44	235	191	29.847	43.3	42.7		42.0	.267	-
50	232	182	29.932	49.0	48.2		47.3	.327	0.2
50	231	181	29.543	47.1	45.4		43.5	.283	1.2
49	235	186	29.866	43.8	42.5		40.9	.257	0.3
42	239	197	30.109	38.7	37.2		35.6	.206	0.7
47	232	185	29.953	48.6	47.1		45.4	.305	-
52	235	183	30.126	46.4	45.4		44.3	.292	-
49	236	187	30.027	43.5	42.4		41.1	.258	-
40	241	201	30.321	38.4	35.5		31.6	.178	2.4
42	240	198	30.505	43.4	41.6		39.5	.243	1.7
42	240	198	30.421	43.5	42.6		41.5	.262	0.5
48	238	190	30.531	47.5	46.8		46.2	.311	-
48	241	193	30.662	44.5	43.9		43.2	.280	0.2
45	242	197	30.575	40.4	39.7		38.8	.236	-
44	237	193	30.473	46.2	45.1		43.9	.286	-
45	238	193	30.363	45.5	44.0		42.3	.269	-
49	236	187	30.239	46.8	44.9		42.8	.275	-
50	235	185	30.096	46.9	44.5		41.8	.265	4.6
48	234	186	30.006	48.4	44.9		41.1	.258	-
49	234	185	29.755	41.9	40.9		39.7	.244	-
40	234	194	29.464	37.9	35.8		32.9	.187	-
37	234	197	29.575	38.8	32.2		23.4 ²	.126	3.0
30	234	204	29.216	33.5	32.8		31.5	.177	-
24	225	201	28.152	33.9	33.5		32.9	.188	-
25	240	215	29.966	30.8	29.5		25.9	.140	-
25	238	213	29.692	33.0	31.9		29.7	.165	4.2
33	233	200	29.550	43.5	43.1		42.6	.273	-
33	236	203	29.730	38.3	37.4		36.2	.213	2.9
35	230	195	29.295	43.6	42.2		40.5	.252	-
Mean			29.9396	41.94	40.46				22.2

1884

9 a.m.
10 A.M.

Hygrom

Anemometer

Rain

Clouds

Weather

February

N.
Barom.A.
Att. Th.Bar.
DryBar.
Wet

Dir.

Sp.

Square

Kew

Amount

Form

At time
of obs.Since
last obs.

1

29.017

42.0

41.8

41.0

NE

1

0.050

0.049

10

Circ

o

co

2

30.070

38.0

31.5

29.0

NNE

0.5

0.129

0.130

0

-

b

ocb

O

3

30.084

40.0

43.9

43.1

SW

1

-

0.002

10

Circ

o

oto

4

30.078

42.7

47.9

47.2

WSW

2

-

-

10

Circ

o

o

5

30.019

44.2

47.0

45.5

SW

3

-

-

10

Circ

o

o

6

29.884

45.0

44.6

42.2

WSW

-

0.075

0.075

10

toll. cu:

o

o

7

29.934

38.9

37.6

37.0

WSW

-

-

6

cu-s

b.c.

o.t.

8

29.566

41.9

43.5

41.7

W

-

0.170

0.175

7

cu-s

b.c.

b.c.

afterglow

9

28.731

45.3

40.0

46.4

SSW

-

0.370

0.375

10

cu-s

g.g.

g.g. f.

O

10

28.912

41.5

34.4

33.9

SSW

-

0.010

0.010

10

stratus

snowing

snowing

Snow showers

11

29.034

39.7

35.3

34.3

SSW

-

0.160

0.160

7

cu-s

b.c.g.

s.b.c.g.

D.

12

29.069

42.7

48.0

46.7

SSW

4

0.128

0.130

10

Nim

q

opa

13

29.223

44.0

48.9

47.1

S

4

0.475

0.490

6 in 7

Circ

b.c.

oc

14

29.858

42.0

38.7

37.9

SSW

0.5

-

-

0

-

b

rc

15

29.834

42.5

41.8

41.2

SE

3

-

-

10

Circ

og

bco

16

29.822

40.7

38.3

35.0

SE

3

0.117

0.116

10

Circ

o

bco

O

17

29.657

40.3

39.4

37.9

SSE

0.5

0.035

0.035

10

Circ

o

ro

18

29.452

41.2

44.0

42.7

SE

1

0.165

0.170

10

Circ

o

off

19

29.331

42.8

45.1

44.1

SE

2

0.120

0.117

10

Nim

r

or

20

29.109

42.7

43.2

42.8

SSE

4

0.620

0.625

10

Nim

r

or

21

29.154

42.5

37.0

35.5

S

1

-

-

10

Nim

od

ro

Stormy night

22

29.184

40.4

36.8

35.9

S

1

-

-

0

-

b

cb

23

29.060

41.0

39.9

38.7

SSW

3

0.092

0.097

10

Circ

o

bco

O

24

29.460

41.0

37.9

37.3

SW

0.5

0.015

0.016

5

Circ

bc

oc

25

29.732

41.0

40.7

39.5

SW

0.5

0.005

0.007

1

Circ

b

ocb

26

29.764

40.0

33.5

33.1

E

0.5

0.002

0.002

2

Circ

bc

c

Fog cleared about 8.45 a.m.

27

29.705

40.8

41.7

40.5

Calms

0

0.062

0.060

10

Nim

od

co</

10 P.M.

Hygrom.

Anemometer

Therm.

Corrected

	N	A	Reduced Bar	Dry } Wet }	Wet Dir.	Sp.	Dew Point Max.	Elastic Min. Force of Vapour
	+	+						
35	230	195	29.212	41.3	40.5		39.4	0.243
26	242	216	30.286	31.0	28.5		21.8	.117
31	238	207	30.291	43.4	42.6		41.6	.264
38	235	197	30.275	47.4	46.7		46.0	.307
42	236	194	30.213	46.5	45.0		44.4	.281
44	236	192	30.076	44.1	41.7		38.9	.237
28	239	211	30.145	37.1	36.5		35.7	.209
41	234	193	29.759	43.0	41.2		39.0	.238
43	225	182	28.913	47.5	45.9		44.2	.289
34	232	198	29.110	33.9	33.4		32.6	.188
29	233	204	29.238	34.8	33.8		32.2	.182
37	228	191	29.260	47.5	46.2		44.8	.296
40	229	189	29.412	48.4	46.6		44.7	.295
36	239	203	30.061	38.2	37.4		36.3	.214
37	237	200	30.034	41.3	40.7		39.9	.247
32	239	207	30.029	37.8	34.5		30.0	.167
17) 30	236	206	29.863	38.9	37.4		37.3	.208
33	233	200	29.652	43.5	42.2		40.6	.253
37	231	194	29.525	44.6	43.6		42.4	.272
37	231	194	29.303	42.7	41.3		39.7	.244
37	233	196	29.350	36.5	35.0		32.8	.187
31	233	202	29.386	36.3	35.4		34.1	.198
33	231	198	29.258	39.4	38.2		36.7	.218
24) 33	236	203	29.663	37.4	36.8		36.0	.212
33	237	204	29.936	40.2	39.0		37.5	.224
30	240	210	29.974	33.0	32.6		31.8	.179
32	236	204	29.909	41.2	40.0		38.5	.233
33	238	205	29.909	38.4	37.2		35.6	.208
29) 30	238	208	29.856	35.8	35.0		33.8	.195
			29.7204	40.38	39.13			

1884

9 p.m.
10 A.M.

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

February

N
Bar.A
Att. Th.Bar
DryDry
Wet

Dir.

Sp.

Amount
SquareForm
LowAt time
of obs.Since last
obs.

Max.

Min.

Bar. heaving greatly.

Fera-sawing day

1 29.520 40.8 36.9 35.0

10

Nim

gd

coro

44.7

35.9

2 30.132 38.8 34.8 32.0

10

Circ

o

bco

38.2

29.4

3 30.043 41.7 45.5 44.5

10

Cum

o

oco

47.6

33.5

4 30.042 44.2 48.0 47.0

9

Circ
Cum

c

oc

50.5

44.0

5 29.956 45.4 46.7 45.6

10

slf

o

o

48.8

46.3

6 29.766 45.2 44.4 43.1

7

Circ

b.c.

c.b.c.

47.1

43.1

7 29.872 42.4 35.3 33.8

5

Circ

b.c.

b.c.

45.7

34.0

8 29.173 44.4 47.4 46.0

10

Circ

g.g.

b.c.g.g.

47.9

32.4

9 28.657 43.3 37.2 34.4

o

-

b.g.

g.g.c.

51.8

36.1

10 28.990 40.5 34.2 33.0

o

-

b.g.

g.s.c.

40.2

32.9

11 29.288 40.2 37.7 35.5

9

Circ

c

pc

41.5

32.1

12 29.197 44.0 47.8 45.2

10

Cum

og

pqo

49.6

36.2

13 29.590 43.2 41.0 40.2

10

Cum

o

pco

49.5

39.7

14 29.956 43.2 41.8 40.5

o

clear

b

b

47.8

36.0

15 29.832 42.0 40.0 36.5

2

Cum

bc

oc

43.5

37.0

16 29.688 40.5 38.0 35.5

10

Nim

r

o

40.8

36.2

17 29.567 40.7 38.8 38.0

10

Circ

o

odo

39.5

34.2

18 29.408 42.0 44.4 43.0

10

Cum

og

po

45.1

38.0

19 29.274 43.8 45.1 44.1

10

Cum

og

ro

46.5

42.8

20 28.850 44.0 47.6 46.1

6

10

Nim

r

pr

47.7

39.1

21 29.105 41.8 38.5 36.8

4

Cum

bc

pcb

48.5

34.8

22 29.193 42.0 39.3 37.8

o

-

b

bc

46.5

33.0

23 29.072 41.8 41.0 40.5

10

Cum

og

cp

44.3

36.1

24 29.665 42.0 39.1 38.4

8

Nim & Cum

cp

bcp

47.4

35.7

25 29.752 42.0 37.5 36.5

8

Cum

c

bc

46.8

37.0

26 29.746 41.0 36.7 35.1

4

Cum

bc

bc

43.2

31.1

27 29.686 41.4 40.5 39.0

10

Nim

r

o

43.6

34.7

28 29.688 40.5 37.2 36.0

10

Nim

r

opo

41.7

36.2

29 29.692 40.4 40.0 39.3

10

Cum

og

r

40.2

34.9

30

31

45.38

36.29

10 P.M.

Hygrom. Anemometer

Therm.

Sunshine

Corrected

-	N ₊	A ₊	Reduced Bar	Hygrom.		Sp.	Therm.		Sunshine in hours
				Dry Wet	Wet Dir.		Dew Point Max.	Elastic Min. Force of Vapour	
33	236	203	29.723	36.4	34.5		31.7	0.180	-
28	243	215	30.347	34.3	31.5		26.7	.144	5.3
35	237	202	30.245	45.0	44.0		42.8	.275	0.9
42	235	193	30.235	47.5	46.5		45.4	.303	0.0
44	236	192	30.148	46.2	45.1		43.9	.287	-
44	235	191	29.957	43.9	42.6		41.0	.259	-
36	240	204	30.076	38.8	33.3		30.8	.172	6.0
41	229	188	29.361	46.9	45.5		44.0	.288	1.7
38	229	191	29.848	36.7	33.9		29.9	.166	2.8
30	233	203	29.193	33.7	32.5		30.4	.169	2.4
30	234	204	29.492	37.2	35.0		31.9	.180	2.8
40	229	189	29.386	47.3	44.7		41.8	.265	-
38	235	197	29.787	40.5	39.7		38.7	.236	-
39	238	199	30.155	41.3	40.0		38.3	.232	5.9
36	238	202	30.034	39.5	36.0		31.4	.177	-
31	237	206	29.894	37.5	35.0		31.6	.178	-
31	236	205	29.772	38.3	37.5		36.4	.215	-
36	233	197	29.605	43.9	42.5		40.8	.256	-
39	231	192	29.466	44.6	43.6		42.4	.272	-
40	226	186	29.036	47.1	45.6		44.0	.288	0.6
35	233	198	29.303	38.0	36.3		34.0	.195	4.2
35	233	198	29.391	38.8	37.3		35.3	.207	5.6
35	231	196	29.268	40.5	40.0		39.4	.241	1.8
36	236	200	29.865	38.6	37.9		37.0	.221	2.8
36	238	202	29.954	37.0	36.0		34.6	.200	4.5
33	238	205	29.951	36.2	34.6		32.2	.184	3.3
34	236	202	29.888	40.0	38.5		36.6	.217	-
31	237	206	29.894	36.7	35.5		33.8	.195	-
31	237	206	29.898	39.5	38.8		37.9	.228	-

29.7646 40.27 38.76
Error on the 4th

50.6

1884

9 a.m.
10 A.M.~~Hygrom~~

Anemometer

Rain

Clouds

Weather

March

K
Barom.Att.
Therm.Bar
Dry~~Dry~~
Wet

Dir.

Sp.

Square

Kew

Amount

Form

At time
of obs.Since
last obs.

1

29.725

40.2

40.1

39.0

SSE

1

0.005

0.005

10

Circ

o

o

o

2

29.868

41.0

41.2

39.7

SSE

1

0.225

0.225

10

Circ

o

o

3

29.210

42.0

44.0

43.1

SSE

3

0.012

0.014

10

Circ

op

or

4

29.482

40.5

36.3

36.0

Calm

0

0.005

0.005

10

Circ

o

2co

5

29.852

40.0

40.0

38.8

SW

1

0.022

0.020

5

Circ

bc

bc

6

29.803

42.5

44.0

42.7

S

3

0.220

0.222

10

Cum

c

pc

7

29.544

43.8

45.5

45.0

SW

1

0.057

0.054

10

Cums

o

op

8

29.527

42.2

38.1

36.5

SW

1

0.045

0.042

0

Clear

b

pcb

o

9

29.185

41.0

38.3

37.8

SSW

1

0.408

0.410

1

Cir

b

qcb

10

28.926

40.0

35.5

33.3

S

1

0.015

0.013

0

Clear

b

rch

11

29.086

38.8

38.0

35.0

SSE

0.5

-

-

10

Circ

o

bco

12

29.207

40.0

43.5

40.5

SSE

2

0.152

0.155

8

Circ

c

bc

13

29.408

43.0

48.9

47.8

S

3

0.072

0.075

10

Cums

op

cop

14

29.470

45.3

50.7

47.7

S

4

0.068

0.072

10

Cums

og

co

15

29.635

47.0

50.3

48.0

SSE

3

-

-

10

Cums

og

cp

o

16

29.675

48.0

51.5

48.9

SSE

1

0.008

0.008

8

Cum

bc

c

17

29.644

49.0

49.7

48.0

S

1

0.024

0.023

10

Circ

o

co

18

29.488

48.0

50.8

48.0

SSE

3

0.052

0.065

10

Circ

op

cop

19

29.730

47.0

47.8

45.8

SSW

2

0.046

0.050

10

Cums

o

o

20

29.514

44.3

43.1

39.5

WSW

3

0.198

0.206

8

Cum

c

pc

21

29.876

43.5

43.0

40.3

WSW

1

0.006

0.007

8

Cum

bc

pcb

22

29.708

44.5

45.0

44.0

WSW

3

0.014

0.015

10

Nim

d

co

o

23

29.984

43.0

41.9

40.0

SW

0.5

-

-

10

Circ

o

co

24

29.926

44.0

46.2

43.0

S

1

0.205

0.210

0

Clear

b

b

25

29.878

45.5

46.6

45.2

SSE

1

-

-

10

Cums

o

p

26

30.017

44.0

41.2

37.2

SSE

2

-

-

7

Circ

bc

c

27

30.070

42.8

41.8

38.7

SSE

1

0.005

0.005

3

Cum
str

bc

c

28

29.938

42.0

41

1884

10 P.M.

Hygrom.

Anemometer

Therm.

No. 1

-	S ₊	A	Reduced Bar	Corrected		Sp.	Dew Point Max.	Sat. Force. Min.	
				Dry Wet	Bar Wet				
30	237	207	29.932	39.6	38.5		37.1 36.6	0.220	
34	238	204	30.072	40.7	39.2		37.4	.222	
35	231	196	29.406	43.5	42.6		41.5	.262	
31	236	205	29.687	35.8	35.5		35.1	.205	
31	238	207	30.059	39.5	38.3		36.8	.218	
37	235	198	30.001	43.5	42.2		40.6	.254	
41	233	192	29.736	45.0	44.5		43.9	.287	
36	236	200	29.727	37.6	36.0		33.8	.194	
33	233	200	29.385	37.8	37.3		36.6	.216	
30	233	203	29.129	35.0	32.8		29.3	.160	
27	232	205	29.291	37.5	34.5		30.4	.169	
30	232	202	29.409	43.0	40.0		36.4	.215	
38	230	192	29.600	48.4	47.3		46.1	.313	
44	230	186	29.656	50.2	47.2		44.0	.288	
49	231	182	29.817	49.8	47.5		45.0	.300	
52	231	179	29.854	51.0	48.4		45.7	.309	
54	231	177	29.821	49.2	47.5		45.6	.308	
52	230	178	29.666	50.3	47.5		44.5	.295	
49	233	184	29.914	47.3	44.6		41.6	.263	
42	234	192	29.706	42.6	39.0		34.6	.201	
40	237	197	30.073	42.5	39.8		36.5	.216	
43	235	192	29.900	44.5	43.5		42.3	.271	
39	238	199	30.183	41.4	39.5		37.1	.222	
42	236	194	30.120	45.7	42.5		38.8	.237	
46	235	189	30.067	46.1	44.7		43.1	.279	
42	239	197	30.214	40.7	36.7		31.6	.178	
38	239	201	30.271	41.3	38.2		34.4	.199	
36	238	202	30.140	41.4	37.4		32.5	.185	
36	238	202	30.104	39.3	36.7		33.3	.191	
35	235	200	29.749	41.3	38.0		33.9	.195	
33	233	200	29.297	35.8	34.4		32.2	.184	
		27.75 29.196	29.806	42.81	40.70				

1884

9 p.m.
10 A.M.

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

March

N.
Barom.Att.
Therm.Bar.
Dry

Wet

Dir.

Sp.

Amount
SquareForm
RowAt time
of obs.Since
last obs.

Max.

Min.

1	29.808	41.0	41.2	40.2			10	Circ	og	o	43.6	37.7
2	29.698	41.3	40.9	39.0			10	Circ	o	o	42.2	39.7
3	29.888	42.0	38.7	37.3			1	Cir	b	pacb	46.6	37.9
4	29.594	41.2	37.2	36.3			2	Cir	bc	oc	44.5	33.3
5	29.946	42.5	45.5	45.0			10	Circ	o	cop	48.5	35.3
6	29.583	43.8	45.4	44.2		5	10	Cums	op	op	48.5	41.5
7	29.635	44.0	41.0	40.3			10	Nim	d	op	48.5	40.2
8	29.134	42.0	37.9	36.5		5	9	Circ Cum	cq	log	44.5	34.0
9	28.784	42.0	38.8	38.0		5	10	Nim	r	cor	45.5	33.1
10	29.020	39.5	32.1	30.9			0	Clear	b	bpc	41.3	31.0
11	29.114	39.8	38.8	37.0			2	Circ	bc	oc	41.5	29.0
12	29.320	41.5	42.4	41.1			7	Circ	bc	bpc	47.5	37.7
13	29.429	45.0	48.9	46.8			0	Clear	b	pc	51.5	40.7
14	29.565	46.5	49.3	47.7			8	Cum	bc	c	55.6	48.0
15	29.704	48.0	50.1	48.0			9	Circ	c	c	57.5	47.0
16	29.636	49.5	51.5	50.6			7	Circ	bc	bc	58.5	46.8
17	29.668	49.0	48.7	47.3			8	Cum	bc	oc	54.5	48.0
18	29.690	47.2	45.3	43.0			0	Clear	b	cp	53.8	44.7
19	29.300	48.0	43.4	39.8		6	4	Cum	bc	ogc	52.5	42.5
20	29.632	44.2	38.9	37.3			10	Cums	or	q	46.6	36.5
21	29.870	45.0	42.9	41.2			8	Cum	c	bc	47.6	35.0
22	29.926	44.5	39.0	37.7			3	Circ	bc	rcb	48.0	38.5
23	29.960	44.8	42.2	39.7			0	Clear	b	cb	51.0	35.8
24	29.860	45.5	46.5	44.5			10	Nim	r	bco	51.5	38.0
25	29.928	45.7	44.5	42.8			9	Cums	o	o	49.0	43.6
26	30.067	43.9	38.9	36.1			10	Cums	og	bco	45.7	37.8
27	29.978	42.8	38.6	36.5			10	Cums	og	cpo	41.7	37.0
28	29.949	42.5	39.5	37.1			10	Cums	og	o	43.4	37.0
29	29.795	42.2	39.7	37.0			10	Cums	o	o	42.7	36.2
30	29.269	42.8	38.3	37.9			10	Nim	r	cr	49.2	34.9
31	29.090	41.5	39.0	37.2			2	Cir	bc	cpb	44.7	33.9

Lunar Halo 9 p.m.

Tremendous rain

Snow showers between Noon & 4 p.m.

Squalls bet. 4 and 6 p.m.

Heavy Rain from 4 p.m.

47.99 38.46 ✓

1884

10 P.M.

Hygrom

Anemometer

Therm.

Sunshine

Corrected

—	E +	A +	Reduced Bar	Hygrom		Sp	Dew Point Wet	Elastic Force	Sunshine in hours
				Dry Wet	Dry Wet				
33	237	204	30.012	40.7	39.7		38.5	0.233	-
34	236	202	29.900	40.4	38.5		36.1	.213	-
36	235	199	29.587	38.2	36.8		34.8	.202	2.1
33	236	203	29.797	36.7	35.8		34.6	.200	-
37	237	200	30.146	45.0	44.5		43.9	.287	-
40	233	193	29.776	44.9	43.7		42.2	.270	-
41	236	195	29.830	40.5	39.8		38.9	.237	0.2
35	233	198	29.332	37.4	36.0		34.0	.196	6.3
35	230	195	28.979	38.3	37.5		36.4	.215	3.4
28	234	206	29.226	31.6	30.4		27.5	.150	4.5
30	233	203	29.317	38.3	36.5		34.1	.196	-
34	232	198	29.518	41.9	40.6		39.0	.239	4.7
44	231	187	29.616	48.4	46.3		44.0	.288	-
47	230	183	29.748	48.8	47.2		45.4	.304	1.3
52	232	180	29.884	49.6	47.5		45.2	.303	0.8
56	231	175	29.811	51.0	50.1		49.2	.351	6.3
54	232	178	29.846	48.2	46.8		45.3	.302	0.4
50	234	184	29.874	44.8	42.5		39.8	.245	3.0
52	232	180	29.480	42.9	39.3		35.0	.203	1.0
41	236	195	29.827	38.4	36.8		34.6	.200	4.8
44	237	193	30.063	42.4	40.7		38.7	.235	5.4
43	239	196	30.122	38.5	37.2		35.6	.208	0.8
44	238	194	30.154	41.7	39.2		36.1	.213	1.9
45	236	191	30.051	46.0	44.0		41.7	.265	5.6
46	237	191	30.119	44.0	42.3		40.3	.250	-
42	240	198	30.265	38.4	35.6		31.8	.179	4.3
39	240	201	30.179	38.1	36.0		33.2	.189	0.9
38	238	200	30.149	39.0	36.6		33.4	.192	-
38	237	199	29.994	39.2	36.5		33.0	.188	-
38	234	196	29.465	37.8	37.4		36.9	.218	1.8
34	232	198	29.288	38.5	36.7		34.3	.199	4.3
			29.792	41.60	39.95				63.8

1884

9 a.m.
10 A.M.

Hygrom

Anemometer

Rain

Clouds

Weather

April

K. Barom.

Alt. Thermo.

Bar. Dry

Bar. Wet

Dir.

Sp.

Square

Kew

Amount

Form

At time of obs.

Since last obs.

1	29.080	41.2	44.0	41.0	S	4.5	0.539	0.539	0	clear	b	pcb	snow on ground.
2	29.263	43.0	46.1	44.0	SE	2	0.002	0.002	10	Cum	o	co	
3	29.329	44.0	45.5	44.7	NE	1	0.347	0.349	10	Circ	o	bco	
4	29.185	45.0	47.5	46.1	S	2	0.590	0.609	10	Cum	o	ro	
5	28.762	45.8	45.0	44.0	S	3	0.072	0.084	10	Nim	r	or	
6	29.156	46.0	49.0	45.9	SSW	3	0.002	0.002	9	Cum	c	c	
7	29.372	47.0	51.0	48.0	S	0.5	0.004	0.002	0	clear	b	bc	
8	29.725	46.0	47.5	42.0	SSSE	0.5	-	-	3	Cir	bc	bc	
9	29.816	46.0	49.0	45.0	SW	1	-	-	0	clear	b	bc	
10	29.859	48.0	50.7	45.0	SSSE	0.5	-	-	0	clear	b	bc	
11	29.872	46.0	44.3	42.4	Calm	0	0.005	0.006	0	clear	b	b	
12	29.976	47.0	47.0	42.2	NE	1	-	-	0	clear	b	bc	
13	30.068	46.0	47.7	42.9	NE	1	-	-	7	Cum	bc	bc	
14	30.120	46.5	48.3	43.0	NE	1	-	-	5	ci-s	b.c.	b.c.	
15	29.992	46.5	46.9	44.1	N	1	0.006	0.009	10	Circ	o	bco	
16	29.735	46.2	47.0	45.0	N	0.5	0.135	0.136	10	Cum	o	o	
17	29.952	45.0	44.1	40.7	ENE	1	-	-	9	Cum	bc	oc	
18	29.928	45.0	45.7	42.1	NW	0.5	-	-	10	Cum	o	c	
19	29.760	44.0	45.0	42.4	N	0.5	-	-	10	Circ	o	o	
20	29.820	45.0	46.3	42.8	Calm	0	-	-	4	Circ	bc	c	
21	29.861	45.1	44.1	41.6	NE	0.5	-	-	10	Cum	o	oc	
22	29.833	44.0	43.9	41.2	S	0.5	-	-	2	Circ	bc	cb	
23	29.749	45.0	46.8	42.8	SW	1	-	-	10	Cum	o	o	
24	29.675	46.0	46.9	45.0	SSSE	1	-	-	10	Cum	o	o	
25	29.729	44.0	46.8	42.8	SSSE	0.5	0.084	0.085	8	Circ	bc	oc	
26	29.548	45.0	44.0	42.2	S	1	-	-	10	Cum	o	op	
27	29.595	45.0	45.3	43.0	NE	0.5	0.003	0.003	10	Circ	o	o	
28	29.824	45.0	45.9	40.5	NE	2	-	-	2	Cum	bc	ocb	
29	29.640	44.0	47.9	44.0	SE	0.5	0.079	0.077	8	Circ	bc	oc	
30	29.447	46.0	46.4	42.8	W	1	0.095	0.100	8	Cum	bc	cp	
31													

1.963 2003

18 83

10 P.M.

Hygrom

Anemometer

Therm

In future, Relative Humidity
is to be entered instead of Dew Point

-	N ₊	A	Reduced Bar	Corrected		Sp.	Dew Point		Relat. Hum.
				Dry Wet	Wet Dir.		Max. Relat. Hum.	Min. Elast. Force	
33	229	196	29.276	43.5	40.5		78	0.219	
38	231	193	29.456	45.6	43.5		85	.259	
40	231	191	29.520	45.0	44.2		94	.280	
43	228	185	29.370	47.0	45.6		90	.289	
43	227	184	28.946	44.5	43.5		92	.270	
45	228	183	29.339	48.5	45.4		79	.268	
49	229	180	29.552	50.5	47.5		80	.292	
46	233	187	29.912	47.0	41.5		64	.205	
46	232	187	30.003	48.5	44.5		73	.249	
52	233	181	30.040	50.2	44.5		64	.235	
47	236	189	30.061	43.8	41.9		85	.245	
50	235	185	30.161	46.5	41.7		69	.215	
47	235	188	30.256	47.2	42.4		68	.220	
48	236	188	30.308	47.8	42.5		66	.217	
48	235	187	30.179	46.4	43.6		81	.253	
47	233	186	29.921	46.5	44.5		86	.270	
44	237	193	30.145	43.6	40.2		75	.213	
44	236	192	30.120	45.2	41.6		75	.224	
41	235	194	29.954	44.5	41.9		80	.237	
44	235	191	30.011	45.8	42.3		75	.233	233
44	236	192	30.053	43.6	41.1		81	.230	
42	236	194	30.027	43.4	40.7		78	.224	
44	234	190	29.939	46.3	42.3		73	.228	
46	233	187	29.862	46.4	44.5		86	.271	
41	234	193	29.922	46.3	42.3		73	.228	
44	233	189	29.737	43.5	41.7		86	.244	
44	233	189	29.784	44.8	42.5		83	.246	
44	235	191	30.015	45.4	40.0		64	.194	
41	233	192	29.832	47.4	43.5		74	.239	
46	232	186	29.633	45.9	42.3		75	.232	
	94 233	189	29.8445	46.02	42.81				

1884

9 p.m.
10 A.M.

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

April

Barom.

Att.
Therm.Bar
DryDry
Wet

Dir.

Sp.

Amount
SquareForm
HowAt time
of obs.Since
last obs.

Max.

Min.

1	29.000	42.5	42.0	40.0			5	Circ	bc	bpc	49.5	32.7
2	29.329	44.2	44.9	43.0			3	Cir	bc	ocl	50.5	40.0
3	29.204	45.0	45.9	45.5			10	Nim	r	or	49.0	39.2
4	29.066	46.0	46.5	45.9			10	Cum	oc	bc	56.5	39.0
5	28.980	46.0	45.1	43.0			0	Clear	b	opc	51.8	43.8
6	29.376	47.2	47.1	44.5			0	Clear	b	bc	55.8	41.8
7	29.536	48.6	44.2	42.9			0	Clear	b	bc	55.5	41.7
8	29.806	48.0	42.0	41.0			1	Cir	b	bc	55.3	36.0
9	29.820	49.5	49.0	47.0			1	Cir	b	bc	58.2	33.7
10	29.884	49.0	41.9	40.0			0	Clear	b	b	54.6	40.7
11	29.871	48.8	43.7	41.6			3	Cirs	bc	b	56.4	34.0
12	29.991	48.0	41.5	39.7			0	Clear	b	b	51.5	41.0
13	30.110	47.0	41.0	39.5			0	Clear	b	bc	51.6	34.0
14	30.076	46.8	41.1	39.3			0	Clear	b	bc	52.2	38.3
15	29.820	47.0	41.0	39.8			5	Circ	bc	opc	51.5	39.2
16	29.820	46.0	42.1	40.2			10	Cums	og	opo	50.2	39.8
17	30.016	45.3	41.0	38.8			2	Cum	bc	bc	49.3	36.9
18	29.800	45.0	40.9	39.4			10	Cums	og	co	47.0	38.7
19	29.792	46.0	43.5	41.5			8	Cums	bc	o	51.0	34.2
20	29.851	47.0	45.8	43.5			10	Cums	og	co	52.2	37.0
21	29.879	45.0	38.0	35.5			5	Cum	bc	oc	49.0	37.5
22	29.793	45.5	44.3	43.0			10	Cums	og	co	51.7	31.5
23	29.687	46.2	44.0	42.8			8	Circ	cb	c	53.7	41.9
24	29.716	46.0	41.7	38.2			8	Cum	cb	c	50.8	41.2
25	29.665	45.5	44.5	42.0			10	Cums	o	c	51.5	31.1
26	29.500	45.5	40.2	39.0			7	Cums	c	oc	49.5	38.3
27	29.736	46.0	40.5	39.5			0	Clear	b	pc	52.4	38.4
28	29.749	46.0	40.8	38.9			0	Clear	b	b	52.3	35.9
29	29.490	48.0	45.1	42.8			10	Nim	r	cor	54.6	34.8
30	29.612	47.5	45.0	40.9			10	Circ	o	pbc	52.4	39.8
31												

Hailshowers about 3 p.m.
Lunar Halo at 9 p.m.Clear, but hazy
Max. 52.3

52.25 37.74

1884

10 P.M.

Hygrom

Anemometer

Therm

Sunshine

Corrected

	H	A	Reduced Bar	Dry } Wet }	Wet Dir.	Sp	Relat. Hum. Max.	Elastic Min. Force		in hours
-	+									
36	230	194	29.194	41.5	39.5		86	.221		4.8
41	231	190	29.519	44.4	42.5		86	.250		4.4
43	230	187	29.391	45.4	45.0		97	.294		-
45	228	183	29.249	46.0	45.4		96	.297		3.1
45	229	184	29.164	44.6	42.5		84	.248		1.8
49	231	182	29.558	46.6	44.0		82	.258		7.9
53	233	180	29.716	43.7	42.4		89	.256		6.3
52	236	184	29.990	41.5	40.5		92	.241		9.3
55	233	178	29.998	48.5	46.5		86	.293		10.2
55	237	182	30.066	41.4	39.5		86	.222	.222	10.2
55	237	182	30.053	43.2	41.1		84	.234		10.3
52	238	186	30.177	41.0	39.2		86	.219		10.4
50	240	190	30.300	40.5	39.0		88	.220		9.4
50	238	188	30.264	40.6	38.8		86	.216		6.4
50	238	188	30.008	40.5	39.3		90	.226		-
47	236	189	30.009	41.6	39.7		86	.224		-
44	239	195	30.211	40.5	38.3		83	.208		6.3
44	237	193	29.993	40.4	38.9		88	.220		0.2
46	236	190	29.982	43.0	41.0		84	.234		1.2
50	236	186	30.037	45.3	43.0		83	.246		3.1
44	239	195	30.074	37.5	35.0		79	.177		-
45	235	190	29.983	43.8	42.5		90	.257		6.3
47	235	188	29.875	43.5	42.3		90	.256		0.7
46	236	190	29.906	41.2	37.7		74	.191		1.9
45	234	189	29.854	44.0	41.5		80	.234		3.7
45	235	190	29.690	39.7	38.5		90	.220		0.8
46	237	191	29.927	40.0	39.0		92	.226		3.9
46	237	191	29.940	40.3	38.4		85	.212		9.4
52	233	181	29.671	44.6	42.3		83	.243		2.8
50	234	184	29.796	44.5	40.4		71	.209		5.9
			29.8532	42.64	40.79					140.7

12842

0

1884

9 a.m.

10 A.M.

Hygrom

Anemometer

Rain

Clouds

Weather

May

Barom.

Att. Therm.

Bar. Dry

Wet

Dir.

Sp.

Square

Kew

Amount

Form

At time of obs.

Since last obs.

1	29.254	47.0	48.3	46.6	SW	5	0.495	0.200	10	Nim	og	o
2	29.346	45.5	46.8	43.7	SSW	4	0.086	0.090	10	Cums	o	po
3	29.013	45.0	45.8	41.9	WSW	3	0.417	0.421	8	Cum	bc	cp
4	28.937	45.0	48.5	44.0	WSW	3-4	0.159	0.164	10	Cums	og	op
5	29.292	45.5	48.3	45.0	WNW	1	0.040	0.045	8	Cum	bc	oc
6	29.620	45.3	47.8	43.5	NW	1	0.276	0.278	7	Cum	bc	c
7	29.564	45.0	43.2	41.5	S	1	0.111	0.114	10	Nim	r	cor
8	29.518	47.0	51.0	48.9	SW	2	0.493	0.510	10	Circ	o	o
9	29.680	49.5	54.7	53.8	SSW	2	0.065	0.070	10	Circ	o	po
10	29.881	51.0	54.7	54.0	S	1	-	-	10	Cums	op	op
11	29.694	52.0	57.2	53.2	SE	1	0.017	0.015	10	Circ	o	co
12	29.821	52.5	57.0	52.0	SW	1	-	-	8	Cum	bc	c
13	29.666	51.2	53.0	48.2	S	4	0.028	0.030	10	Circ	o	co
14	29.547	51.0	52.0	48.3	NW	2	0.195	0.205	10	Cums	o	co
15	29.634	51.3	53.5	52.5	SW	1	0.137	0.137	10	Cums	og	p
16	29.592	52.5	55.0	53.0	SW	4	0.377	0.378	10	Cums	og	opo
17	29.300	52.7	53.0	52.2	SSW	3	0.003	0.003	10	Nim	r	op
18	29.593	49.3	49.4	44.7	SW	2	0.077	0.078	3	Cum	bc	oc
19	29.728	49.0	47.5	45.1	Calm	0	0.294	0.300	7	Cum	bc	c
20	29.932	48.0	48.2	44.5	WSW	0.5	-	-	9	Cum	c	Mc
21	30.085	49.0	51.9	48.4	SSW	3	-	-	10	Circ	o	co
22	30.190	51.5	58.0	56.5	SSW	1	-	-	10	Circ	c	o
23	30.107	52.0	58.5	52.0	SW	0.5	-	-	0	Clear	b	b
24	29.946	55.0	61.5	56.5	NE	0.5	-	-	0	Clear	b	bc
25	29.943	55.5	57.4	51.7	NE	4	0.040	0.040	4	Circ	bc	bc
26	30.117	55.0	50.4	47.7	E	1	-	-	10	Cums	o	op
27	30.147	54.0	59.0	54.0	SE	0.5	-	-	0	Clear	b	cb
28	30.140	55.0	57.0	52.9	ENE	0.5	-	-	0	Clear	b	bc
29	30.154	54.3	52.5	49.3	S	0.5	-	-	10	Circ	o	bc
30	30.003	53.0	51.9	48.0	SE	0.5	-	-	10	Circ	o	co
31	30.017	52.2	56.0	50.7	E	0.5	-	-	8	Circ	bc	bc

3.010 3.078

Cleaned Wet Bull reservoir &
renewed Muslin & wick.

1884

10 P.M.

Hygrom.

Anemometer

Therm.

Corrected

	N	A	Reduced Bar	Dry } Wet }	Wet Dir	Sp.	Relative Max. Humidity	Bar. Min. Force
-	+							
48	229	181	29.435	47.8	46.1		88	.290
45	230	185	29.531	46.3	43.2		78	.245
43	229	186	29.199	45.3	41.4		73	.219
43	227	184	29.121	48.0	43.5		70	.234
44	229	185	29.477	47.8	44.5		78	.256
45	233	188	29.808	47.3	43.0		72	.230
44	234	190	29.754	42.7	41.0		86	.237
49	230	181	29.699	50.5	48.4		86	.314
56	229	173	29.853	54.2	53.3		94	.394
59	231	172	30.053	54.2	53.5		95	.400
62	228	166	29.860	56.7	52.7		76	.348
64	229	165	29.986	56.5	51.5		70	.322
59	230	171	29.837	52.5	47.7		70	.276
59	229	170	29.717	51.5	47.8		77	.289
59	230	171	29.805	53.0	52.0		93	.374
63	228	165	29.757	54.5	52.5		86	.368
63	227	164	29.464	52.5	51.7		95	.373
55	231	176	29.769	48.9	44.2		69	.238 240
54	233	179	29.907	47.0	44.6		83	.266
52	234	182	30.114	47.7	44.0		75	.246
55	233	178	30.263	51.4	47.9		77	.293
62	232	170	30.360	57.5	56.0		90	.427
63	231	168	30.275	58.0	51.5		63	.307
71	228	157	30.103	61.0	56.0		72	.383
72	230	158	30.101	56.9	51.2		67	.311
71	235	164	30.281	49.9	47.2		82	.292
68	230	162	30.309	58.5	53.5		71	.348
71	231	160	30.300	56.5	52.4		75	.343
70	234	164	30.318	52.0	48.8		79	.305
66	233	167	30.170	51.4	47.5		75	.284
64	232	168	30.185	55.5	50.2		69	.303
		893 173	29.897	52.05	48.67			

1884

9 p.m.
10 A.M.

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

May

Barom.

Alt. Th.

Bar
DryDry &
Wet

Dir.

Sp.

Amount
SquareForm
RowAt time
of obs.Since
last obs.

Max.

Min.

1	29.360	46.0	40.0	39.0			10	Nim	r	op	51.5	38.1
2	29.249	46.0	42.0	40.3			4	Cir	bc	oc	48.5	37.2
3	28.936	45.0	41.6	39.6			10	Circ	o	p	48.2	38.7
4	29.178	45.8	42.0	40.7			4	Circ	bc	qc	53.5	38.7
5	29.480	46.3	42.1	40.2			0	Clear	b	pc	52.8	38.6
6	29.756	46.5	42.1	41.0			8	Cum	bc	pc	51.6	37.0
7	29.399	46.7	47.9	45.5			1	Circ	b	rc	53.7	36.9
8	29.596	48.5	52.8	52.4			10	Nim	r	or	54.7	39.5
9	29.882	51.5	53.2	51.3			9	Cirs	c	bc	62.5	49.2
10	29.890	53.0	54.3	52.0			8	Cirs	c	oc	62.0	51.4
11	29.727	53.2	52.6	51.0			1	Cir	b	ch	61.8	46.0
12	29.828	53.0	48.0	46.5			0	Clear	b	bc	59.4	47.2
13	29.348	51.0	49.1	47.5			2	Cum	bc	op	55.2	41.0
14	29.798	51.5	48.3	45.3			10	Cums	og	pc	57.8	46.4
15	29.668	52.2	53.6	52.8			10	Nim	r	po	57.4	45.2
16	29.514	53.5	54.0	53.2			10	Cums	og	op	60.8	52.0
17	29.446	51.0	44.0	41.8			0	Clear	b	pc	59.4	43.0
18	29.686	50.0	42.4	41.3			3	Circ	bc	bcp	56.8	38.3
19	29.837	49.3	42.4	42.0			4	Cum	bc	pc	51.5	39.5
20	30.039	49.5	46.3	44.0			1	Cirs	bc	bc	53.8	37.7
21	30.076	51.0	54.0	53.2			10	Cums	oc	o	58.5	40.7
22	30.154	54.0	54.3	48.7			0	Clear	b	ch	66.3	45.7
23	30.019	56.0	57.0	54.9			0	Clear	b	b	66.5	42.0
24	29.908	58.0	59.9	54.0			1	Circ	bc	bc	67.6	47.7
25	30.009	55.7	53.4	51.1			8	Circ	bc	bc	67.7	42.7
26	30.158	55.7	51.9	50.0			3	Cirs Cums	bc	oc	61.5	48.6
27	30.106	56.0	51.8	48.8			1	Cirs	bc	b	64.4	43.0
28	30.149	57.0	53.6	52.6			0	Clear	b	b	62.5	45.0
29	30.074	56.0	49.1	48.2			0	Clear	b	cb	58.8	43.1
30	29.971	53.0	47.9	45.0			0	Clear	b	oc	56.5	41.2
31	29.467	54.0	50.5	46.9			0	Clear	b	cb	60.3	39.5

58.18

42.61

Sleet & Hail showers during day.

Tremendous hail & rain shower at 10.10 a.m.

Hail shower at 3 p.m.

Distant Thunder about 4.30 p.m.

Sev. Hail showers during day, thunder at 1 p.m.
Foggy at 9 p.m.

1884

10 P.M.

Hygrom

Anemometer

Therm

Sunshine

Corrected

	N	A	Reduced Bar	Dry } Wet }	Wet Dir	Sp.	Relative Max. Humidity	Elastic Min. Force	in hours
-	+								
45	233	188	29.548	39.5	38.5		92	0.222	1.5
45	232	187	29.436	41.5	39.8		87	.227	-
43	230	187	29.123	41.1	39.1		84	.216	5.2
44	231	187	29.365	41.5	40.2		90	.234	2.5
46	234	188	29.668	41.6	39.7		86	.224	4.8
46	236	190	29.946	41.6	40.5		92	.240	5.3
46	231	185	29.584	47.4	45.0		84	.270	1.2
53	229	176	29.772	52.3	51.9		97	.381	-
61	232	171	30.053	52.7	50.8		87	.348	4.5
66	232	166	30.056	53.8	51.5		85	.350	0.8
66	231	165	29.892	52.1	50.5		89	.347	3.5
65	234	169	29.997	47.5	46.0		90	.292	3.9
65	229	164	29.512	48.6	47.0		89	.302	-
58	233	175	29.973	47.8	44.8		80	.263	4.0
61	230	169	29.837	53.1	52.3		94	.382	-
63	229	166	29.680	53.5	52.7		95	.387	0.3
59	233	174	29.620	43.5	41.3		83	.235	3.1
57	235	178	29.864	41.9	40.8		92	.244	10.1
56	237	181	30.018	41.9	41.5		97	.258	2.2
56	236	180	30.219	45.8	43.5		84	.257	6.0
60	232	172	30.248	53.5	52.7		95	.387	0.4
68	233	165	30.319	53.8	48.2		66	.273	6.6
74	231	157	30.176	56.5	54.4		86	.395	13.0
79	228	149	30.057	59.4	53.5		67	.338	11.2
73	233	160	30.169	52.9	50.6		85	.340	4.3
73	234	161	30.319	51.4	49.5		87	.331	-
74	234	160	30.266	51.3	48.3		80	.303	13.5
77	234	157	30.306	53.1	52.1		93	.376	13.4
74	234	160	30.234	48.6	47.7		94	.320	7.5
66	235	169	30.140	47.4	44.5		80	.260	0.1
68	234	166	30.133	50.0	46.4		76	.273	2.0
			29.920	48.60	46.62				130.9

1884

9 a.m.
10 A.M.

Hygrom

Anemometer

Rain

Clouds

Weather

June

N. Barom.

Att. Therm.

Dew Dry

Dew Wet

Dir.

Sp.

Square

Kew

Amount Form

At time of obs.

Since last obs.

1	29.632	53.0	55.1	51.0	SSW	3	0.098	0.100	10	Cums	o	bco
2	29.374	51.0	49.9	46.1	S	1	-	-	10	Cums	o	po
3	29.569	52.0	52.7	50.6	NE	0.5	0.175	0.176	10	Cums	og	co
4	29.660	52.5	52.3	50.8	WSW	0.5	-	-	10	Cums	o	o
5	29.668	53.5	55.9	51.0	WSW	0.5	-	-	2	Cum	bc	bc
6	29.549	53.2	53.1	48.1	WSW	1	0.158	0.165	10	Circ	o	co
7	29.601	52.0	51.0	49.5	NW	0.5	0.019	0.020	10	Cums	p	p
8	29.758	51.7	53.8	49.1	NW	0.5	-	-	10	Cums	o	bco
9	29.856	50.8	50.4	46.0	NNW	0.5	0.007	0.009	10	Cums	o	o
10	29.876	52.7	54.5	52.7	SSE	0.5	0.075	0.075	10	Cums	op	op
11	29.848	53.7	55.9	53.0	SW	3	-	-	10	Circ	o	po
12	30.166	54.0	58.8	53.9	SW	2	-	-	3	Circ	bc	bc
13	30.039	49.0	65.8	61.2	SW	1	0.042	0.046	10	Cum	o	co
14	30.269	54.8	54.0	49.0	NW	0.5	-	-	3	Cum	bc	bc
15	30.273	54.0	53.0	48.0	NW	0.5	-	-	10	Circ	o	co
16	30.187	53.8	54.1	50.8	NNW	0.5	-	-	10	Cums	o	o
17	30.109	55.0	58.8	54.5	NNW	0.5	-	-	3	Circ	bc	c
18	30.100	56.5	58.3	54.1	NE	0.5	-	-	9	Circ	c	bc
19	30.090	57.8	59.8	54.8	SW	0.5	-	-	9	Cum	c	c
20	30.114	58.0	59.0	55.0	NNW	0.5	-	-	10	Circ	o	c
21	30.103	57.0	57.5	53.8	NE	0.5	-	-	10	Circ	o	bco
22	30.038	59.0	61.5	57.1	W	0.5	-	-	10	Cums	og	o
23	29.985	57.7	56.4	50.5	NW	0.5	-	-	10	Cums	c	c
24	29.723	59.0	58.7	56.5	SW	1	0.020	0.023	10	Circ	o	o
25	29.919	57.5	58.5	52.0	WNW	0.5	0.010	0.011	7	Cum	bc	oc
26	29.937	60.0	64.0	59.0	SW	2	0.010	0.010	10	Circ	o	o
27	30.013	61.0	65.8	61.5	SSW	0.5	-	-	8	Cum	bc	opbc
28	30.042	61.8	67.9	62.0	E	0.5	0.080	0.082	4	Circ	bc	bc
29	29.850	62.5	61.2	58.0	S	1	0.115	0.120	10	Cums	og	po
30	29.886	61.2	61.7	58.9	SSW	0.5	0.095	0.097	8	Cum	c	op
31							0.904	0.934				

No rain after Midnight

1884

N.K.M.

Hygrom

Anemometer

Therm.

Corrected

	N	A	Reduced Bar	Dry } Wet }	Wet Dir.	Sp.	Rel. Humid. Max.	Elast. Force Min.
-	+							
65	229	164	29.796	54.6	50.5		74	.317
58	229	171	29.545	49.4	45.6		74	.264
62	229	167	29.736	52.2	50.1		86	.335
63	230	167	29.827	51.8	50.3		89	.346
66	229	163	29.831	55.4	50.5		71	.311
65	229	164	29.713	52.6	47.6		69	.274
63	231	168	29.769	50.5	49.0		90	.328
62	231	169	29.927	53.3	48.6		71	.287
59	233	174	30.030	49.9	45.5		72	.256
65	231	166	30.042	54.0	52.2		87	.366
67	231	164	30.012	55.4	52.5		82	.358
69	232	163	30.329	58.3	53.4		72	.348
55	227	172	30.211	65.3	60.7		75	.465
71	234	163	30.432	53.5	48.5		69	.283
69	235	166	30.439	52.5	47.5		69	.272
68	234	166	30.353	53.6	50.3		78	.322
71	231	160	30.269	58.3	54.0		75	.363
75	231	156	30.256	57.8	53.6		75	.359
78	230	152	30.242	59.3	54.3		71	.359
79	231	152	30.266	58.5	54.5		76	.374
76	231	155	30.258	57.0	53.3		77	.359
82	228	146	30.184	61.0	56.6		75	.399
78	231	153	30.138	55.9	50.0		66	.296
81	228	147	29.870	58.2	56.0		86	.418
77	230	153	30.072	58.0	51.5		59	.292
85	227	142	30.079	63.5	58.5		72	.423
87	227	140	30.153	65.3	61.0		77	.474
90	226	136	30.178	67.4	61.5		68	.464
91	228	137	29.987	60.7	57.5		82	.428
88	227	139	30.025	61.2	58.4		83	.449
		158	30.0656	56.81	52.78			

1884	9 p.m. 10 A.M.				Hygrom	Anemometer		Clouds Rain	Weather		Corrected	
June	N Barom.	Att. Therm.	Dry Bar	Dry Wet	Dir.	Sp.	Amount Square	Form Row	At time of obs.	Since last obs.	Max.	Min.
1	29.340	52.0	45.5	44.7			10	Nim	r	or	57.6	44.9
2	29.537	53.0	47.5	46.0			1	Cum	bc	bc	58.5	41.9
3	29.619	53.1	50.0	49.5			8	Cirs	c	cpc	61.8	43.3
4	29.688	54.0	50.0	49.0			2	Cum	bc	bc	60.7	47.2
5	29.637	54.2	50.3	47.0			9	Circ	c	bc	59.5	44.0
6	29.568	53.0	48.6	47.4			10	Cums	o	cpc	57.1	44.7
7	29.672	52.7	46.3	45.5			0	Clear	b	cp	56.2	40.3
8	29.817	52.0	48.7	45.5			10	Cums	o	c	54.6	41.9
9	29.877	52.0	46.5	44.7			4	Circ	bc	ocb	55.5	45.0
10	29.870	54.0	56.7	56.1			10	Nim	op	op	61.5	41.7
11	30.052	55.2	52.0	48.9			3	Circ	bc	ocb	64.5	51.5
12	30.120	58.3	63.8	61.1			8	Circ	bc	bc	69.5	45.0
13	30.237	56.3	47.7	45.5			0	Clear	bc	cpcb	66.2	47.2
14	30.300	55.2	50.2	47.3			9	Circ	c	bc	58.2	41.1
15	30.243	54.5	50.5	46.1			10	Circ	o	c	57.3	45.8
16	30.148	54.5	53.5	51.5			10	Circ	o	co	59.5	47.8
17	30.110	57.3	55.0	52.1			10	Circ	o	bco	64.9	46.9
18	30.074	58.6	56.5	51.7			10	Cums	o	c	65.4	51.7
19	30.122	59.2	55.7	53.0			9	Circ	c	c	64.4	54.9
20	30.106	58.0	53.0	50.9			5	Cirs	bc	c	64.6	52.5
21	30.081	60.3	59.9	56.5			9	Circ	c	oc	68.4	47.7
22	30.064	59.5	52.1	49.1			4	Cum	bc	bc	68.1	51.7
23	29.842	59.5	57.9	54.8			10	Circ	o	c	64.3	48.8
24	29.795	58.7	57.3	54.3			10	Circ	o	cpc	68.5	49.7
25	29.949	60.2	60.7	57.2			10	Circ	o & bc	bc	66.0	50.2
26	29.940	61.7	61.7	59.1			10	Cums	o	cp	70.2	56.3
27	30.048	63.0	60.9	58.3			0	Clear	b	cb	73.3	56.0
28	29.956	65.0	64.7	62.8			10	Cums	og	bcp	75.5	51.1
29	29.833	63.2	58.0	57.0			10	Cums	og	op	65.5	56.8
30	29.984	62.0	58.2	57.8			10	Cum Nim	r	cp	67.6	54.0
31											63.50	58.53 48.1

Thunder at 8 p.m. & faint lightning.

1884

MARSE.

Hygrom.

Anemometer

Therm.

Sunshine

	N	A	Reduced Bar	Hygrom. Corrected Dry } Wet }	Anemometer Wet Dir.	Sp.	Rel. Humid. Max.	Elast. Force Min.	Sunshine in hours
-	+								
61	232	171	29.511	45.0	44.2		94	.280	-
65	232	167	29.704	47.0	45.5		90	.287	6.9
65	231	166	29.785	49.5	49.0		97	.341	2.7
67	231	164	29.852	49.5	48.5		93	.328	2.1
67	231	164	29.801	49.8	46.5		78	.278	7.9
65	232	167	29.735	48.1	46.9		92	.306	3.7
64	233	169	29.841	45.8	45.0		94	.289	0.9
62	234	172	29.989	48.2	45.0		78	.261	1.2
62	234	172	30.049	46.0	44.2		87	.269	2.0
67	231	164	30.034	56.2	55.5		95	.431	-
71	233	162	30.214	51.5	48.4		79	.303	6.4
80	229	149	30.269	63.3	60.6		84	.489	8.9
74	237	163	30.400	47.2	45.0		85	.271	5.0
72	236	164	30.464	49.7	46.8		80	.286	5.0
69	236	167	30.410	50.0	45.6		72	.257	0.6
70	234	164	30.312	53.0	51.0		86	.347	1.1
77	233	156	30.266	54.5	51.6		81	.344	5.8
80	231	151	30.225	56.0	51.2		71	.322	1.6
83	233	150	30.270	55.2	52.5		83	.360	2.5
80	234	154	30.260	52.5	50.4		86	.339	1.9
85	229	144	30.225	59.4	56.0		80	.402	0.9
83	233	150	30.214	51.6	48.6		80	.307	4.7
82	229	147	29.989	57.4	54.3		81	.381	2.4
79	228	149	29.944	56.8	53.8		81	.375	0.0
85	229	144	30.093	60.2	56.7		79	.412	9.9
89	228	139	30.079	61.2	58.6		85	.455	-
93	229	136	30.184	60.4	57.8		85	.442	9.3
98	227	129	30.085	64.2	62.3		89	.532	9.5
93	229	136	29.969	57.5	56.5		93	.442	-
90	230	140	30.124	57.7	57.3		98	.464	2.1
			30.0766	53.48	51.18				1050

1884

9 a.m.
10 A.M.

Hygrom

Anemometer

Rain

Clouds

Weather

July

Barom.

Att.
Ther.Bar
DryDry
Wet

Dir.

Sp.

Square

Kew

Amount

Form

At time
of obs.Since
last obs.

1	30.032	60.4	58.3	57.1	N	0.5	-	-	10	Cum	o	po
2	29.990	60.8	61.5	59.7	S	0.5	-	-	3	Cum	bc	bc
3	29.826	60.2	63.5	57.8	SE	1	-	-	9	Cum	bc	bc
4	29.732	62.0	65.8	60.8	SE	1	0.060	0.062	10	Cum	o	co
5	29.722	62.0	61.9	60.5	SSSE	1	-	-	10	Nim	op	op
6	29.724	61.3	63.6	59.5	SW	0.5	0.235	0.252	9	Circ	c	oc
7	29.562	62.3	65.9	62.7	SSSE	3	0.265	0.270	7	Cum	bc	cpc
8	29.734	61.0	60.3	56.0	S	0.5	-	-	3	Cum	bc	opc
9	29.658	60.7	62.4	56.0	SSSE	3	-	-	7	Cum	bc	bc
10	29.402	60.5	62.6	57.8	SSSE	3	0.018	0.023	10	Circ	o	bc
11	29.433	60.0	62.8	56.5	S	2	0.385	0.412	6	Circ	bc	oc
12	29.553	59.4	59.7	55.5	SSW	2	-	-	7	Cum	bc	pc
13	29.526	61.0	64.1	59.9	SSSE	4	0.200	0.214	3	Cum	bc	bc
14	29.474	60.0	61.0	57.0	S	4	0.220	0.225	9	Cum	c	bc
15	29.562	59.0	61.0	57.0	S	3	0.030	0.034	8	Circ	c	cpc
16	29.200	58.0	56.2	53.0	SSW	4	0.045	0.055	9	Cum	c	c
17	29.482	58.7	59.9	54.7	WNW	3	0.062	0.068	8	Cum	c	c
18	29.766	57.0	53.0	51.7	WSW	2	0.003	0.005	9	Cum & Nim	rp	cp
19	30.024	56.8	55.4	49.7	NNW	0.5	-	-	9	Cum	c	bc
20	30.007	57.0	58.3	53.3	E	0.5	0.198	0.204	6	Circ	c	bc
21	29.716	58.0	58.2	58.0	SSW	0.5	-	-	10	Nim	r	or
22	29.764	58.8	58.5	55.8	SW	1	0.004	0.005	10	Circ	o	co
23	29.540	59.1	60.3	55.7	WSW	1	0.413	0.422	9	Cum	c	c
24	29.452	57.6	56.8	53.0	W	0.5	0.170	0.183	10	Cum	og	op
25	29.942	56.2	56.2	51.0	NNW	1	0.195	0.207	7	Cum	bc	c
26	29.749	55.2	49.7	48.5	SSSE	1	0.240	0.244	10	Nim	r	cor
27	29.763	56.5	56.0	55.0	ENE	1	0.328	0.333	10	Circ	o	o
28	29.888	56.6	55.0	54.2	S	2	0.345	0.354	10	Nim	r	cor
29	29.924	57.5	59.4	58.9	WNW	1	0.028	0.028	10	Circ	og	op
30	29.981	59.0	62.8	60.0	SSW	1	0.136	0.140	9	Circ	bc	oc
31	30.024	59.0	59.0	56.1	WSW	0.5	0.002	0.002	10	Cum	o	o

3.522 3.742

1887

10 P.M.

Hygrom

Anemometer

Therm

Corrected

	E	A	Reduced Bar	Dry } Wet }	Wet Dir	Sp.	Relat. Hum. Max.	Elastic Force Min.
-	+							
86	230	144	30.176	57.8	56.6		92	.443
87	229	142	30.132	61.0	59.2		89	.473
84	226	142	29.968	63.0	57.3		68	.395
89	225	136	29.868	65.3	60.3		73	.452
89	227	138	29.860	61.4	60.0		92	.497
87	226	139	29.863	63.1	59.0		77	.442
88	223	135	29.697	65.4	62.2		82	.511
86	227	141	29.875	59.8	55.5		75	.385
85	225	140	29.798	61.9	55.5		66	.361
84	224	140	29.542	62.1	57.3		73	.406
83	224	141	29.574	62.3	56.0		66	.369
81	225	144	29.697	59.2	55.0		75	.378
86	223	137	29.663	63.6	59.4		77	.448
83	225	142	29.616	60.5	56.5		77	.403
80	225	145	29.707	60.5	56.5		77	.403
77	226	149	29.349	55.7	52.5		81	.356
80	225	145	29.627	59.4	54.2		70	.355
75	231	156	29.922	52.5	51.2		91	.360
76	232	156	30.180	54.9	49.2		66	.285
76	230	154	30.161	57.8	52.8		71	.339
78	228	150	29.866	57.7	57.5		99	.471
80	228	148	29.912	58.0	55.3		83	.401
80	225	145	29.685	59.8	55.2		73	.376
76	227	151	29.603	56.3	52.5		77	.349
74	231	157	30.099	55.7	50.5		69	.308
70	232	162	29.911	49.2	48.0		92	.319
74	230	156	29.924	55.5	54.5		93	.412
75	231	156	30.044	54.5	53.7		95	.403
77	229	152	30.076	58.9	58.4		97	.481
82	228	146	30.127	62.3	59.5		84	.467
82	230	148	30.172	58.5	55.6		82	.403
		1473						
		146	29.8611	59.15	55.71			

1884

9 p.m.
10 A.M.

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

July

K
Barom.Att.
Therm.Bar
Dry

Wet

Dir.

Sp.

Amount
SquareForm
RowAt time
of obs.Since
last obs.

Max.

Min.

1	30.034	62.0	58.9	57.1			3	Circs	bc	cb	66.6	54.3
2	29.917	61.7	61.4	56.0			5	Circ	bc	bc	70.0	50.1
3	29.766	62.0	62.5	58.2			8	Circ	bc	bc	70.0	50.5
4	29.714	63.2	60.9	58.9			8	Circ	bc	bc	69.5	58.0
5	29.714	63.2	60.8	58.2			5	Circs	bc	bc	69.7	57.8
6	29.682	63.2	61.0	58.0			1	Circs	bc	cpl	70.6	55.0
7	29.616	62.8	60.0	59.4			10	Cums	og	op	70.2	57.0
8	29.688	62.0	57.2	54.1			7	Circs	bc	bc	66.3	53.0
9	29.521	61.7	57.8	57.0			7	Circ	bc	bc	66.6	50.7
10	29.394	60.4	57.9	55.4			10	Cums	og	op	64.0	56.0
11	29.432	60.4	58.1	57.9			10	Cums	o	cp	67.0	52.3
12	29.572	60.9	58.2	56.6			2	Circ	bc	bc	65.0	52.1
13	29.486	61.0	59.3	55.0			2	Cum	bc	opc	65.5	56.1
14	29.549	60.0	56.9	55.0			10	Cums	o	cp	64.4	55.0
15	29.295	60.0	59.7	56.7			10	Cums	og	cp	65.0	53.2
16	29.274	59.0	57.0	54.0			6	Circ	cp	cp	63.5	56.2
17	29.684	59.6	54.5	51.0			9	Circ	c	cpc	64.0	51.3
18	29.900	58.2	50.8	48.0			#2	Cum	bc	pcl	63.5	49.4
19	30.044	57.3	51.5	48.3	NE	0.5	9	Circ	bc	bc	60.9	45.7
20	29.890	58.1	56.2	48.0			10	Circ	o	bco	63.6	47.0
21	29.793	60.0	57.1	55.0			10	Circ	o	rcb	67.5	50.3
22	29.660	60.0	57.9	55.0			10	Nim	od	o	63.2	55.3
23	29.483	58.3	51.9	51.0			10	Cums	og	p	63.5	51.3
24	29.699	58.0	52.2	49.9			6	Circ	bc	pc	60.5	49.8
25	29.976	57.2	50.1	48.3			3	Circs	bc	pc	59.8	46.4
26	29.637	57.5	55.5	54.5			9	Cum	bc	rc	57.5	47.3
27	29.940	58.0	54.4	53.1			5	Circ	bc	oc	62.9	52.9
28	29.853	57.7	58.0	57.5			10	Cums	og	r	59.5	52.0
29	29.992	59.2	61.1	59.0			10	Circ	o	o	66.6	56.7
30	30.000	60.8	60.0	59.5			9	Circ	c	op	67.5	56.6
31	29.981	60.7	60.8	59.6			10	Cums	og	o po	65.4	54.0

Bar. may possibly have been 0.1 in excess at least I think
the date of fall on the instr. of the 11th J.

Thunder & Lightning at 2 p.m.

65.2
65.15 52.69 ✓

10 P.M.

Hygrom.

Anemometer

Therm.

Corrected

	B ₊	A	Reduced Bar	Dry } Wet }	Wet Bar	Sp.	Relat. Hum. Max.	El. Force Min.	Sunshine in hours.
90	230	140	30.174	58.4	56.6		88	.433	2.1
89	228	139	30.056	60.9	55.5		69	.372	6.8
89	226	137	29.903	62.0	57.7		76	.419	2.0
92	227	135	29.849	60.4	58.4		88	.460	4.0
92	227	135	29.849	60.3	57.7		85	.440	3.0
92	226	134	29.816	60.5	57.5		82	.431	6.5
91	226	135	29.751	59.5	58.9		96	.490	2.1
88	227	139	29.827	56.7	53.6		80	.371	10.5
87	226	139	29.660	57.3	56.5		95	.446	12.4
82	226	144	29.538	57.4	64.9		84	.398	0.0
83	226	143	29.575	57.6	57.4		96	.469	6.8
86	227	141	29.713	57.7	56.1		90	.428	11.0
86	226	140	29.626	58.8	54.5		75	.370	7.4
83	227	144	29.693	56.4	54.5		88	.399	4.2
82	224	142	29.437	59.2	56.2		82	.410	1.6
79	225	146	29.420	56.5	53.5		81	.371	4.9
82	229	147	29.831	54.0	50.5		77	.322	5.3
79	233	154	30.054	50.3	47.5		81	.295	9.8
77	234	157	30.201	51.0	47.8		79	.294	9.6
79	231	152	30.042	55.7	47.5		55	.245	4.7
84	229	145	29.938	56.6	54.5		86	.397	4.8
84	227	143	29.803	57.4	54.5		82	.387	0.0
78	229	151	29.634	51.4	50.5		94	.356	5.2
78	231	153	29.852	51.7	49.4		85	.325	6.8
76	234	158	30.134	49.6	47.8		88	.310	8.1
76	229	153	29.790	55.0	54.0		93	.403	0.0
79	232	153	30.093	53.9	52.6		91	.379	3.4
77	229	152	30.005	57.5	57.0		97	.458	0.0
82	229	147	30.139	60.6	58.5		87	.461	0.0
85	229	144	30.144	59.5	59.0		97	.493	0.0
85	229	144	30.125	60.3	59.1		93	.484	0.0
			29.8604	56.91	54.51				

152-0 143.0
13.0

1884

9 a.m.

10 A.M.

Hygrom.

Anemometer

Rain

Clouds

Weather

August

N
Barom.Att.
Therm.Bar
DryDry
Wet

Dir.

Sp.

Square

Kew

Amount Form

At time
of obs.Since
last obs.

1	29.860	60.5	64.9	60.1	SE	3	-	-	4	Cir	bc	ocb
2	29.590	59.8	60.6	55.5	SSW	4	-	-	6	Cum	bc	c
3	29.772	58.0	57.2	53.0	SW	3-4	-	-	8	Circ	bc	c
4	30.036	57.9	57.0	53.0	SW	1	-	-	9	Cum	bc	c
5	29.998	57.5	59.3	53.3	SSW	1	-	-	2	Cir	bc	cb
6	29.908	59.8	65.9	59.7	S	3	-	-	0	Clear	b	bc
7	29.917	60.8	64.3	61.1	S	0.5	-	-	10	Circ	o	bc
8	29.932	61.0	61.9	60.1	SSW	0.5	0.068	0.066	9	Circ	c	bco
9	29.879	61.2	57.3	57.0	Calm	0	0.138	0.142	10	Circ	o	bcof
10	29.760	63.0	66.0	62.0	SSW	1	0.012	0.012	10	Circ	o	cp
11	29.766	63.0	61.3	61.0	Calm	0	0.014	0.014	10	Circ	om	op
12	29.707	63.2	67.7	64.9	SSW	0.5	0.351	0.357	2	Cir	bc	bc
13	29.711	62.2	59.1	57.9	SSW	2	-	-	8	Cums	cp	cp
14	29.789	60.2	59.7	56.0	SW	2	0.052	0.052	9	Circ	c	bc
15	29.850	60.3	60.2	57.2	S	3	0.095	0.102	10	Cums	o	po
16	29.820	60.5	62.7	60.8	SSW	1	0.335	0.350	10	Cums	o	p
17	29.790	61.0	62.6	60.8	SSW	0.5	0.030	0.035	10	Cums	o	cpc
18	29.724	62.0	66.8	62.3	S	1	0.018	0.020	7	Cum	bc	bc
19	29.622	60.0	59.4	55.9	WSW	1	0.020	0.022	2	Circ	bc	oc
20	29.871	58.8	58.9	56.4	SSW	1	0.032	0.032	10	Circ	o	bc
21	30.072	59.0	57.5	53.3	WNW	1	0.020	0.025	8	Circ	c	bcof
22	29.949	60.0	62.6	59.1	SSW	3	-	-	8	Cum	bc	ocb
23	29.890	61.0	63.6	60.7	SSW	1	0.187	0.185	8	Circ	bc	bc
24	29.838	61.7	60.0	58.9	SSW	0.5	0.050	0.052	10	Cums	o	ro
25	30.020	58.0	55.8	51.7	WNW	1	0.020	0.018	0	Clear	b	c
26	30.022	56.0	53.3	51.3	SW	1	0.090	0.098	10	Cums	o	cp
27	29.749	56.2	53.8	53.2	WNW	0.5	0.486	0.490	10	Nim	r	or
28	29.440	55.8	53.9	51.1	SW	1	0.260	0.265	7	Cum	bc	rcb
29	29.511	54.0	51.5	50.0	SW	0.5	0.040	0.042	8	Cum	bc	bc
30	29.573	55.5	55.0	53.2	SSW	1	-	-	10	Circ	o	o
31	29.552	55.7	54.3	52.0	WSW	0.5	0.010	0.014	10	Circ	o	bc o

2.328 2.391

Slight Fog, (dense early)

(Rain first
entered on
wrong days)

No rain after Midnight

10 P.M.

Hygrom. Anemometer
Corrected

Therm.

	B	A	Reduced Bar	Dry } Wet }	Wet Dir.	Sp.	Relat. Hum. max	Elast. Force mm.
-	+							
86	226	140	30.000	64.4	59.6		73	.444
82	225	143	29.733	60.1	55.0		70	.368
78	228	150	29.922	56.7	52.5		74	.343
79	231	152	30.188	56.5	52.5		75	.346
77	230	153	30.151	58.8	52.8		67	.329
84	226	142	30.050	65.4	59.2		67	.420
86	227	141	30.058	63.8	60.6		82	.483
86	228	142	30.074	61.4	59.6		89	.484
87	229	142	30.021	56.8	56.5		94 ⁸	.452
92	225	133	29.893	65.5	61.5		78	.487
92	227	135	29.901	60.8	60.5		98	.523
92	224	132	29.839	67.2	64.4		84	.560
89	228	139	29.850	58.6	57.4		92	.454
85	228	143	29.932	59.2	55.5		78	.391
85	228	143	29.993	59.7	56.7		82	.419
85	226	141	29.961	62.2	60.3		89	.494
86	226	140	29.930	62.1	60.3		89	.496
89	225	136	29.860	66.3	61.8		76	.486
84	227	143	29.765	58.9	55.4		79	.393
80	229	149	30.020	58.4	55.9		84	.413
82	230	148	30.220	57.0	52.8		74	.346
85	228	143	30.092	62.1	58.6		79	.443
87	227	140	30.030	63.1	60.2		83	.479
88	228	140	29.978	59.5	58.4		93	.473
79	231	152	30.172	53.3	51.2		86	.348
74	233	159	30.181	52.8	50.8		87	.346
74	231	157	29.906	53.3	52.7		96	.390
72	229	157	29.597	53.4	50.6		81	.332
67	230	163	29.674	51.0	49.5		89	.335
71	228	157	29.730	54.5	52.7		88	.374
72	229	157	29.709	53.8	51.5		89 ⁸⁵	.350
		172 146	29.9494	59.25	56.35			

1884

9 p.m.
10 A.M.

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

August

Barom.

Alt. Therm.

Bar. Dry

Dry & Wet

Dir.

Sp.

Amount Square

Form

At time of obs.

Since last obs.

Max.

Min.

1	29.594	62.3	62.1	60.0			9	Cums	c	bc	70.4	56.8
2	29.734	59.1	55.4	51.9			10	Cums	c	c	64.0	54.8
3	29.922	58.8	54.5	52.0			9	Cum	c	bc	62.7	51.5
4	30.056	59.0	55.6	52.1			10	Circ	c	bc	61.6	51.8
5	29.932	60.0	59.0	56.5			3	Cir	bc	bc	67.0	49.0
6	29.870	60.3	61.4	59.1			0	Clear	b	b	69.4	53.9
7	29.969	62.9	59.2	57.8			0	Clear	b	ocb	71.5	55.8
8	29.903	64.0	62.1	61.5			0	Clear	b	bcb	72.6	55.3
9	29.797	63.8	64.0	60.0			6	Circ	bc	ocb	71.2	55.4
10	29.722	63.8	64.9	63.1			10	Circ	og	pc	70.2	58.0
11	29.756	64.5	63.0	61.8			3	Cums	bc	cb	70.4	60.2
12	29.728	64.8	62.3	61.5			5	Circ	bcb	bcb	73.6	56.0
13	29.736	62.0	56.8	53.1			2	Cum	bc	poc	66.5	59.0
14	29.858	60.2	57.5	54.5			9	Cum	bc	cp	65.7	52.0
15	29.810	60.7	60.0	58.3			10	Cums	o	op	63.8	53.3
16	29.796	61.3	59.7	59.3			10	Circ	o	pc	66.5	58.5
17	29.778	62.5	61.3	60.6			4	Cum	cb	pc	68.9	58.3
18	29.588	61.5	57.7	54.2			2	Cum	cb	pbc	68.8	56.3
19	29.808	61.0	54.8	53.5			0	Clear	b	c/b	69.8	54.7
20	29.892	60.2	58.1	55.5			0	Clear	b	cb	64.3	48.8
21	29.996	60.0	58.0	56.7			10	Cums	og	cp	62.0	53.4
22	29.886	61.7	61.2	57.7			2	Circ	bc	bc	68.0	57.5
23	29.860	63.3	63.0	62.5			10	Nim	r	bc	71.5	57.2
24	29.896	60.9	55.3	54.3			8	Circ	bc	op	65.4	54.8
25	30.112	56.9	50.3	48.0			2	Cum	bc	bcb	61.2	45.0
26	29.923	55.8	52.5	51.6			10	Cums	og	op	58.5	48.7
27	29.505	57.5	54.0	53.5			10	Nim	r	r	57.8	51.3
28	29.381	55.5	47.9	47.1			2	Cums	bc	bcb	57.5	47.2
29	29.612	55.5	51.7	50.5			10	Cums	o	cp	58.5	42.9
30	29.572	57.2	53.1	51.8			7	Cirs	bc	c	63.5	49.0
31	29.446	55.9	50.2	49.1			5	Cum	bc	pbc	58.5	48.6

Thunder & Lightning from 11 pm to 12.45 p.m.

Barometer moved into the Transit Room.

65.85
65.9

53.26

10	10 P.M.		Hygrom		Anemometer		Therm.		Sunshine
	B	A	Reduced Bar	Dry } Wet }	Wet Dir.	Sp.	Relat. Hum. Max.	Elast. Force Min.	in hours
90	224	134	29.728	61.6	59.5		87	.478	11.3
81	230	149	29.883	54.9	51.4		77	.334	2.5
81	232	151	30.073	54.0	51.5		83	.347	2.8
82	232	150	30.206	55.1	51.6		78	.339	1.2
85	230	145	30.077	58.5	56.0		84	.414	11.5
85	228	143	30.013	60.9	58.6		86	.459	12.7
93	229	136	30.105	58.7	57.3		91	.450	2.4
95	227	132	30.035	61.6	61.0		96	.527	2.9
94	226	132	29.929	63.5	59.5		77	.452	5.7
94	225	131	29.853	64.4	62.6		90	.540	0.6
95	226	131	29.887	62.5	61.3		93	.524	2.1
96	226	130	29.858	61.8	61.0		95	.523	6.5
89	229	140	29.876	56.3	52.6		77	.351	1.5
85	229	144	30.002	57.0	54.0		81	.377	4.7
86	227	141	29.951	59.5	57.8		90	.454	0.0
87	227	140	29.936	59.2	58.8		97	.490	0.6
90	227	137	29.915	60.8	60.1		96	.509	1.3
87	227	140	29.728	57.2	53.7		78	.367	4.4
87	230	143	29.951	54.3	53.0		91	.384	5.8
85	229	144	30.036	57.6	55.0		83	.398	1.9
85	230	145	30.141	57.5	56.2		91	.433	0.4
88	227	139	30.025	60.7	57.2		80	.420	4.8
93	227	134	29.994	62.5	62.0		97	.548	4.8
87	232	145	30.041	54.8	53.8		93	.402	0.0
76	235	159	30.271	49.8	47.5		85	.300	9.2
73	232	159	30.082	52.0	51.1		94	.364	0.1
76	229	153	29.658	53.5	53.0		97	.396	0.0
71	230	159	29.540	47.4	46.6		94	.308	5.8
71	230	159	29.771	51.2	50.0		92	.345	1.4
76	229	153	29.725	52.6	51.3		87 91	.361	2.1
73	230	157	29.603	49.7	48.6		92	.317	0.8
			3203 9320	57.13	55.28				11.8

1884

9 a.m.

10 A.M.

Hygrom

Anemometer

Rain

Clouds

Weather

September

Barom.

Att. Therm.

Bar. Dry

Wet

Dir.

Sp.

Square

Kew

Amount

Form

At time of obs.

Since last obs.

1	29.346	54.2	55.9	53.0	S	2	0.062	0.069	10	Cums	o	co
2	29.330	54.1	54.8	51.1	SSW	3	0.022	0.027	4	Cum	bc	bc
3	29.454	54.0	52.9	50.8	SSW	1	0.025	0.027	10	Circ	o	bco
4	29.490	54.1	54.4	52.1	WSW	1	0.012	0.017	7	Circ	bc	bc
5	29.492	53.7	53.2	51.3	W	1	0.010	0.010	10	Circ	c	cp
6	29.345	52.5	51.3	48.9	SE	1	1.130	1.140	10	Cums	o	bc
7	29.506	53.5	54.9	51.0	WNW	1	0.110	0.105	4	Cum	bc	rcb
8	29.829	54.0	53.5	52.8	SSW	1	0.148	0.147	10	Nim	r	cr
9	29.946	57.3	63.0	62.0	SSW	2	0.052	0.057	10	Circ	o	o
10	30.012	59.0	62.9	60.7	SE	1	-	-	9	Circ	c	oc
11	30.158	59.0	58.8	57.3	S	0.5	0.006	0.005	1	Cir	b	bc
12	30.291	59.5	56.3	56.0	SE	0.5	0.005	0.007	10	Circ	o	co
13	30.240	58.0	58.1	55.7	NE	1	-	-	0	Clear	b	b
14	30.088	60.0	60.6	57.6	ENE	1	-	-	6	Circ	bc	bc
15	29.972	59.2	55.8	53.8	NE	2	0.120	0.120	10	Circ	o	o
16	29.852	60.0	58.5	58.0	E	2	-	-	10	Nim	r	cr
17	30.120	61.0	63.3	60.0	SSW	1	0.005	0.005	7	Cum	bc	bc
18	30.321	60.2	54.5	54.0	Calm	0	-	0.003	10	Circ	bc	bco
19	30.093	58.3	57.0	56.0	Calm	0	-	-	9	Circ	c	bc
20	29.895	61.0	59.8	57.2	SW	3	0.018	0.021	10	Cums	o	bco
21	29.423	61.0	60.0	57.5	SSW	2	0.179	0.179	10	Circ	o	o
22	29.575	55.5	52.9	51.7	WSW	1	0.061	0.063	9	Circ	c	p
23	29.939	54.0	51.6	49.3	WSW	2	0.102	0.103	10	Cums	oc	bco
24	29.706	54.5	53.0	51.2	SW	4	0.007	0.006	9	Cum	c	opc
25	29.902	54.0	53.8	51.3	SW	2	0.059	0.057	10	Cums	o	bc
26	29.627	54.0	52.2	49.5	SW	2	0.024	0.024	10	Circ	oc	erc
27	29.384	55.3	55.5	51.6	WSW	4	0.135	0.134	10	Cum	c	bcp
28	29.597	56.0	53.5	52.7	SW	1	0.449	0.452	10	Nim	d	cod
29	29.813	52.5	50.2	47.3	SW	3	-	-	4	Cum	bc	ocb
30	29.766	52.8	52.7	50.0	SSW	4	0.112	0.109	10	Circ	o	co
31												

2.853 2.887

Fog from early morning up to 9 a.m.

Fog up to 8 a.m.

10 P.M.

Hygrom

Anemometer

Therm

Corrected

Wet

Sp

Relat. Hum.

Elast.

Max.

Min.

Force

	$\bar{K}$	Δ	Reduced Bar	Dry } Wet }	Wet Dir.	Sp	Relat. Hum. Max.	Elast. Min. Force
67	226	159	29.505	55.4	52.5		82	.358
67	226	159	29.489	54.3	50.6		76	.322
67	229	162	29.616	52.4	50.3		86	.339
67	229	162	29.652	53.9	51.6		85	.350
66	229	163	29.655	52.7	50.8		87	.347
62	228	166	29.511	50.8	48.4		84	.310
66	228	162	29.668	54.4	50.5		75	.318
68	231	163	29.992	53.0	52.3		95	.383
77	228	151	30.097	62.5	61.5		94	.530
82	228	146	30.158	62.4	60.2		87	.488
82	231	149	30.307	58.3	56.8		90	.441
83	233	150	30.441	55.8	55.5		98	.437
80	232	152	30.392	57.6	55.2		84	.404
85	222	144	30.232	60.1	57.1		82	.425
83	232	149	30.121	55.3	53.3		87	.380
84	230	146	29.998	58.0	57.5		96	.467
88	229	141	30.261	62.8	59.5		81	.461
86	235	149	30.470	54.0	53.5		97	.403
80	231	151	30.244	56.5	55.5		93	.427
87	228	141	30.036	59.3	56.7		85	.424
86	225	139	29.562	59.5	57.0		85	.429
72	229	157	29.732	52.4	51.2		92	.361
68	234	166	30.105	51.1	48.8		84	.317
68	231	163	29.869	52.5	50.7		88	.347
68	232	164	30.066	53.3	50.8		83	.338
67	230	163	29.790	51.7	49.0		82	.315
70	227	157	29.541	55.0	51.1		76	.327
73	230	157	29.754	53.0	52.5		97	.389
64	232	168	29.981	49.7	46.8		80	.286
64	231	167	29.933	52.2	49.5		82	.320
		166						
		156 ¹⁴	29.9393	55.33	53.22			

1884

9 p.m.

~~10 A.M.~~

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

September

Barom.

Att.
Therm.

Dry

Wet

Dir.

Sp.

Amount
SquareForm
RowAt time
of obs.Since
last obs.

Max.

Min.

Thunder heard about Noon

Misty all day & unnaturally warm

1	29.339	56.0	50.7	48.0			0	Clear	b	pc	61.0	43.6
2	29.418	53.0	50.5	47.6			1	Cir	b	pcb	58.7	45.7
3	29.496	54.5	50.5	49.5			0	Clear	b	pc	62.0	45.2
4	29.487	54.7	48.2	47.1			2	Circ	bc	pcb	58.5	44.0
5	29.498	54.0	47.5	46.3			3	Cum	bc	pc	58.5	45.1
6	28.976	54.0	51.2	51.2			10	Nim	r	or	55.5	44.5
7	29.770	55.0	52.5	50.8			8	Circ	bc	c	59.5	44.0
8	29.862	56.3	61.2	60.5			10	Cums	og	ro	62.8	50.0
9	29.996	59.0	63.7	63.2			10	Circ	o	om	69.0	60.0
10	30.056	62.0	59.0	57.7			0	Clear	b	bc	69.5	58.5
11	30.238	62.0	56.6	55.5			8	Circ	bc	b	66.8	49.6
12	30.288	60.0	55.0	53.7			0	Clear	b	cb	65.1	49.8
13	30.158	62.0	60.4	58.0			0	Clear	b	bc	67.3	49.0
14	30.039	60.5	56.7	54.7			10	Circ	o	c	64.3	52.9
15	29.952	60.0	57.5	56.6			8	Cums	c	c	60.5	53.2
16	29.966	61.0	60.8	58.0			2	Cum	bc	rcb	64.8	56.0
17	30.278	61.0	56.0	55.0			0	Clear	b	bc	66.9	55.5
18	30.230	60.7	55.7	54.7			0	Clear	b	bc	64.5	46.7
19	29.970	62.0	64.1	62.1			0	Clear	b	bc	70.6	48.1
20	29.640	62.0	63.1	61.3			10	Circ	o	o	65.2	57.0
21	29.470	56.9	47.9	46.7			0	Clear	b	roc	64.4	47.4
22	29.807	54.7	47.9	46.1			0	Clear	b	pc	56.6	45.0
23	29.809	54.2	51.5	49.2			10	Cums	og	cp	56.0	46.1
24	29.875	54.3	50.7	49.0			3	Cum	bc	pc	58.3	50.0
25	29.585	55.3	53.8	51.8			10	Cums	og	co	57.8	48.2
26	29.516	54.0	50.3	46.2			10	Cum	c	bc	57.0	48.0
27	29.520	55.0	53.1	50.1			8	Cum	bc	bc	60.5	48.6
28	29.573	55.0	50.1	49.5			10	Cums	og	r	71.5	49.5
29	29.910	53.3	48.9	47.8			4	Circ	bc	bc	55.3	43.8
30	29.553	53.5	52.3	51.1			7	Circ	bc	opc	57.3	46.1
31												

62.19 ✓ 49.04 ✓

10 P.M.

Hygrom.

Anemometer

Therm.

Sunshine

Corrected

Dry }
Wet }Wet
Dir.

Sp.

Relat. Hum.
Max.Elast. Force
Min.

in hours

	B	A	Reduced Bar	Dry } Wet }	Wet Dir.	Sp.	Relat. Hum. Max.	Elast. Force Min.		in hours
72	229	157	29.496	50.2	47.5		82	.295		5.1
65	230	165	29.583	50.0	47.1		81	.288		8.7
68	230	162	29.658	50.0	49.0		93	.334		6.2
69	231	162	29.649	47.7	46.6		92	.304		4.0
67	232	165	29.663	47.0	45.8		92	.293		2.5
66	226	160	29.136	50.7	50.7		100	.372		0.0
66	231	165	29.935	52.0	50.3		88	.343		6.0
70	227	157	30.019	60.7	60.0		96	.508		0.0
74 82	228	154	30.143	63.2	62.7		97	.562		0.3
82	229	147	30.203	58.5	57.2		91	.450	.450	7.3
90	233	143	30.381	56.1	55.0		92	.418		10.0
90	234	144	30.432	54.5	53.2		91	.388		5.2
85	230	145	30.303	59.9	57.5		86	.440		9.4
90	231	141	30.180	56.2	54.2		87	.394		5.9
86	231	145	30.097	57.0	56.1		94	.437		0.5
85	229	144	30.110	60.3	57.5		84	.434		5.1
87	234	147	30.425	55.5	54.5		93	.412		6.8
88	234	146	30.376	55.2	54.2		93	.407		5.2
87	228	141	30.111	63.6	61.6		89	.518		5.5
90	225	135	29.775	62.6	60.8		89	.498	.505	0.0
88 73	231	143	29.628	47.4	46.2		92	.298		0.0
75 71	234	159	29.970	47.4	45.6		88	.284		3.4
70	232	162	29.971	51.0	48.7		84	.316		0.4
68	233	165	30.040	50.2	48.5		88	.319		1.8
71	229	158	29.743	53.3	51.3		86	.351		0.5
67	230	163	29.679	49.8	45.7		73	.262		4.8
70	229	159	29.679	52.6	49.6		81	.318		4.9
70	231	161	29.734	49.6	49.0		96	.340		0.0
67	235	168	30.078	48.4	47.3		92	.312		5.9
66	229	163	29.716	51.8	50.6		92	.353		0.0

29.9300 53.75 52.13

115.4

1884

9 a.m.

10 A.M.

Hygrom

Anemometer

Rain

Clouds

Weather

October

S. Bar.

Att. Therm.

Bar. Dry

Dry & Wet

Dir.

Sp.

Square

Kew

Amount

Form

At time of obs.

Since last obs.

1	29.805	51.0	49.0	46.0	WSW	1	-	-	0	clear	b	bc
2	29.636	53.0	54.0	51.3	S	4	0.142	0.135	10	Circ	o	bco
3	29.911	51.2	49.4	46.8	WSW	1	-	-	4	Circ	bc	c
4	30.368	50.0	49.8	46.7	W	1	-	-	3	Cir	bc	bc
5	30.564	52.0	51.0	48.9	SW	0.5	0.004	0.004	0	clear	b	cb
6	30.465	49.7	45.8	45.4	S	0.5	0.005	0.005	10	Circ	fom	bco
7	30.173	51.2	47.5	47.2	Calm	0	0.107	0.107	10	Circ	fom	bco
8	29.540	50.8	43.8	42.9	W	3	0.140	0.034	10	Cumms	o	op
9	29.322	48.7	47.5	46.2	ENE	1	0.223	0.232	9	Cumms	c	bc
10	29.598	45.2	39.4	37.7	NNW	3	0.155	0.157	8	Cum	bc	pc
11	29.702	44.2	40.9	39.2	NW	3	0.013	0.017	0	clear	b	bc
12	29.908	45.0	43.5	41.1	NNW	2	0.023	0.026	7	Circ	bc	bc
13	29.961	45.1	43.0	42.0	NW	1	0.038	0.038	10	Nim	or	bco
14	29.981	47.0	47.2	45.8	WNW	1	0.065	0.065	10	Circ	o	o
15	29.987	49.8	53.7	52.8	SW	2	-	-	10	Circ	o	po
16	30.099	51.5	55.7	54.8	SW	3	0.003	0.003	10	Cumms	og	o
17	30.158	52.8	53.7	52.0	WSW	2	0.015	0.017	8	Cum	bc	oc
18	30.207	53.2	53.0	52.0	WSW	1	0.020	0.019	10	Circ	oc	oc
19	30.164	52.0	49.0	47.5	WNW	0.5	0.003	0.003	7	Circ	bc	oc
20	30.177	50.2	47.0	46.2	WSW	1	-	-	10	Circ	om	om
21	30.070	52.2	50.9	48.7	SW	2	-	-	10	Circ	o	o
22	29.942	51.8	51.1	49.5	S	3	-	-	10	Circ	o	o
23	29.579	51.8	53.8	50.4	SE	4	0.705	0.725	2	Circ	bc	oc
24	29.786	50.0	45.8	45.0	NNE	1	0.060	0.054	10	Nim	r	op
25	29.768	47.5	46.4	45.4	SW	4	0.077	0.177	10	Cumms	o	cop
26	29.396	47.5	44.0	40.8	WNW	5	0.187	0.186	0	clear	b	qoc
27	29.650	43.0	41.7	39.3	SW	4	0.147	0.150	10	Cumms	o	pc
28	29.288	47.0	46.5	42.3	TV	1	0.050	0.045	2	Circ	bc	c
29	29.740	43.0	38.7	37.2	STV	1	0.051	0.047	1	Circ	b	b
30	29.671	46.0	48.0	47.0	S	3	-	-	10	Cumms	om	co
31	29.643	52.0	55.8	52.7	SSW	5	0.870	0.885	10	Cumms	o	co

3.203

3.221

Fog from early morn. to 10.30 am

Very storm

10 P.M.

Hygrom.

Anemometer

Therm.

Barometric

Corrected

	E	A	Reduced. Bar	Dry } Wet }	Wet Dry	Sp.	Rel. Hum. Max.	Elact. Force Min.	Barometric Height
60	234	174	29.979	48.5	45.5		79	.270	
65	230	165	29.801	53.5	50.8		82	.335	
60	233	173	30.084	48.9	46.3		82	.285	
59	238	179	30.547	49.3	46.2		78	.276	
64	238	174	30.738	50.5	48.4		86	.314	
58	241	183	30.648	45.3	44.9		94 7	.288	93
60	237	177	30.350	47.0	46.5		96	.310	
59	234	175	29.715	43.3	42.4		93	.260	
53	230	177	29.499	47.0	45.7		91	.291	
44	236	192	29.790	38.9	37.2		87	.204	
42	237	195	29.897	40.4	38.7		87	.216	
44	237	193	30.101	43.0	40.6		82	.226	
44	237	193	30.154	42.5	41.5		92	.251	
50	235	185	30.166	46.7	45.3		97 0	.287 6	
58	232	174	30.161	53.2	52.3		91	.381	
61	232	171	30.270	55.2	54.3		95	.411	
66	234	168	30.326	53.2	51.5		89	.327	58
66	235	169	30.376	52.5	51.5		93	.367	
63	237	174	30.338	48.5	47.0		90	.304	
58	238	180	30.357	46.5	45.7		95	.298	
63	235	172	30.242	50.4	48.2		84	.310	
63	233	170	30.112	50.6	49.0		89	.327	
62	230	168	29.747	53.3	49.9		78	.316	
57	235	178	29.964	45.3	44.5		94	.284	
50	235	185	29.953	45.9	44.9		92	.285	
50	233	183	29.579	43.5	40.3		77	.216	
38	236	198	29.848	41.2	38.8		82	.210	
48	234	183	29.471	46.0	41.8		72	.221	
38	237	199	29.939	38.2	36.7		87	.201	
46	233	187	29.858	47.5	46.5		93	.303	
62	229	167	29.810	55.3	52.2		81	.351	
		29 15	30.062	47.15	45.65				
		179							

Henry Morrey

10 P.M.

Hygrom

Anemometer

Therm.

Sunshine

Corrected

B

A

Corrected
BarDry }
Wet }Wet
Dir.

Sp.

Rel. Hum.
Max.Klas. Force
Min.

in hours.

65	231	166	30.018	49.0	46.4		82	.285	7.2
65	231	166	29.744	48.2	47.2		93	.312	0.4
66	239	179	30.351	44.5	42.5		85	.249	4.4
67	238	171	30.665	50.5	48.5		86	.316	3.3
67	241	174	30.702	44.5	43.5		93	.270	8.0
66	239	173	30.495	45.0	44.5		96	.287	3.7
66	233	167	30.069	51.1	50.2		94	.352	3.0
54	232	178	29.347	41.5	40.5		93	.241	3.6
55	233	178	29.696	44.2	42.0		83	.242	0.0
42	239	197	29.877	36.0	35.3		94	.199	3.6
44	237	193	29.993	39.6	37.8		86	.208	5.5
45	240	195	30.177	38.7	37.5		90	.212	3.3
47	233	186	30.016	48.2	47.9		98	.330	0.0
52	235	183	30.207	48.2	46.6		89	.297	0.0
59	232	173	30.259	54.5	53.5		93	.396	0.0
66	233	167	30.277	54.5	53.3		92	.391	0.0
66	235	169	30.361	54.3	53.4		94	.394	1.8
68	233	165	30.313	53.5	52.5		93	.382	2.3
63	238	175	30.354	47.5	45.1		84	.271	2.3
64	233	169	30.316	52.5	51.2		91	.360	0.0
62	233	171	30.169	52.0	50.1		87	.338	0.0
62	232	170	29.956	51.0	48.5		83	.311	0.0
65	230	165	29.734	52.4	50.8		89	.351	2.8
54	238	184	30.116	38.9	39.3		96	.233	0.0
61	231	170	29.498	45.0	44.5		96	.287	0.0
44	235	191	29.688	38.9	37.5		89	.210	3.8
53	227	174	29.311	50.8	49.2		88	.329	0.3
44	239	195	29.793	37.3	36.2		90	.201	5.2
45	235	190	29.923	43.5	42.7		93	.255	3.8
59	229	170	29.802	55.6	53.3		86	.377	0.0
64	230	166	29.804	53.5	52.9		96	.393	0.0
			30.033	47.29	45.95				6.3

All right
 No error somewhere
 probably a 0.0 copied twice

1884

9 a.m.
10 A.M.

Hygrom

Anemometer

Rain

Clouds

Weather

November

Bar.

Att. Therm.

Dry Bar

Wet

Dir.

Sp.

Square

Kew

Amount

Form

At time of obs.

Since last obs.

1	29.627	51.8	51.0	50.5	SW	1	0.560	0.560	10	Cums	om	op
2	29.660	47.7	43.0	42.7	SW	1	0.002	-	10	Circ	o	ra
3	29.806	44.3	42.0	40.7	SW	2	0.101	0.101	4	Circ	bc	bc
4	29.286	47.0	48.7	47.5	S	5	0.151	0.154	3	Cums	bc	q
5	29.268	48.2	49.4	47.3	SW	6	0.031	0.031	6	Cums	bc	q
6	29.738	44.5	41.0	40.0	SSW	1	0.407	0.405	0	Clear	b	b
7	29.201	48.0	45.9	44.9	SSW	5	0.090	0.096	10	Circ	o	ra
8	29.747	45.0	44.9	43.9	SSW	5	0.087	0.087	10	Nim	r	bcor
9	29.873	48.0	48.2	46.0	SW	1	-	-	2	Circ	bc	opb
10	30.242	45.0	43.9	41.9	SSW	2	-	-	0	Clear	b	b
11	30.016	51.7	53.3	51.0	S	4	0.475	0.474	10	Cums	o	bco
12	29.870	50.4	52.2	51.7	S	4	0.092	0.084	10	Nim	r	r
13	30.311	45.0	38.7	38.0	WSW	0.5	0.012	0.007	0	Clear	b	b
14	30.365	43.0	31.0	30.8	Cal	0	0.004	0.005	10	Fog	f	b.f
15	30.211	44.0	38.4	37.5	SE	0.5	0.003	0.003	8	Circ	c	oc
16	30.142	42.0	34.1	33.9	Cal	0	0.007	0.005	10	Fog	f	co
17	30.178	40.5	34.2	33.9	Cal	0	0.008	0.006	10	Circ	o	co
18	30.392	39.5	33.0	32.2	Cal	0	-	-	10	Circ	c	bc
19	30.526	39.0	32.3	32.1	Cal	0	-	-	0	Clear	b	bc
20	30.128	40.0	41.4	40.1	W	2	0.046	0.046	10	Circ	o	o
21	30.019	40.0	39.0	37.5	N	1	0.006	0.005	7	Circ	bc	c
22	30.089	39.3	34.0	32.5	N	0.5	0.008	0.007	9	Circ	c	bc
23	30.021	40.5	39.3	38.8	W	1	0.005	0.005	9	Circ	c	c
24	30.010	40.4	35.0	34.1	WSW	0.5	0.004	0.004	4	Cum	bc	c
25	30.099	40.0	37.0	36.7	WSW	1	0.006	0.006	2	Cum	bc	bc
26	30.171	40.4	40.7	39.8	WNW	1	0.008	0.007	10	Circ	c	c
27	29.832	42.0	45.5	43.8	WSW	3	0.060	0.060	10	Cums	o	co
28	29.617	41.5	37.0	36.2	WSW	1	0.051	0.056	0	Clear	b	cp
29	29.730	40.4	33.5	33.0	NNW	1	0.182	0.158	8	Nim	cs	cp
30	29.515	39.0	34.1	34.0	S	1	0.010	0.009	10	Cums	o	oo

Dense Fog

Fog

Heavy Frost on ground

Snow on ground

24 16 23 81

10 P.M.

Hygrom.
Corrected

Anemometer

Therm.

	K	A	Reduced Bar	Dry } Wet }	Wet Dir.	Sp.	Relat. Hum. Max.	East Force Min.
62	231	169	29.796	50.5	50.0		97	⁵⁴ .368
51	235	184	29.844	42.5	42.2		98 8	.265
43	236	193	29.999	41.5	40.2		90	.233
48	230	182	29.468	48.2	47.0		92	.307
51	228	177	29.445	48.9	46.8		85	.292
42	236	194	29.932	40.5	39.5		92	.230
51	230	179	29.380	45.4	44.4		92	.279
44	234	190	29.937	44.4	43.4		92	.269
52	235	183	30.056	47.7	45.5		85	.278
44	240	196	30.438	43.4	41.4		82 4	.238
62	233	171	30.187	52.8	50.5		84	.338
58	232	174	30.044	51.7	51.2		96	.344 71
44	242	198	30.509	38.2	37.5		94	.216
39	246	207	30.572	30.5	30.3		99	.167
42	241	199	30.410	37.9	37.0		92	.209
36	242	206	30.348	33.6	33.4		97 7	.188
31	243	212	30.390	33.7	33.4		98	.187
28	245	217	30.609	32.5	31.7		91	.169
29	246	217	30.745	31.8	31.6		97	.175
31	240	209	30.337	40.9	39.6		90	.229
31	240	209	30.228	38.5	37.0		88	.204
29	242	213	30.302	33.5	32.0		85	.162
33	239	206	30.227	38.8	38.3		97	.226
33	241	208	30.218	34.5	33.6		91	.182
31	241	210	30.309	36.5	36.2		98	.210
31	240	209	30.380	40.2	39.3		93	.231
36	235	199	30.031	45.0	43.3		87	.262
35	237	202	29.819	36.5	35.7		93	.203
31	239	208	29.938	33.0	32.5		94	.177
28	238	210	29.725	33.6	33.5		99	.191
	2931 14 16 198		30.121	40.22	39.27			

1884

9 p.m.
10 A.M.

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

November

Bar.

Alt.
Therm.

Dry

Wet

Dir.

Sp.

Amount
Square

Form

At time
of obs.Since
last obs.

Max.

Min.

1	29.620	50.1	47.0	46.6			10	Nim	r	or	57.2	46.6
2	29.758	45.0	38.8	37.0			0	Clear	b	ocb	49.7	38.2
3	29.676	46.0	46.3	41.3			10	Cums	o	c	47.8	37.0
4	29.083	47.7	47.3	45.3			7	Cums	bc	cp	52.5	43.6
5	29.566	47.5	43.5	42.5			0	Clear	b	pcb	53.5	43.0
6	29.520	45.7	43.2	42.8			10	Nim	r	b.co.r	47.5	37.8
7	29.784	45.0	40.4	39.2			0	Clear	b	pcb	54.5	39.0
8	29.650	48.0	51.5	48.7			10	Cums	og	po	52.5	38.2
9	30.125	47.0	43.0	41.0			0	Clear	b	bc	52.8	42.5
10	30.084	49.2	51.0	49.5			2	Circ	bc	bc	51.5	39.9
11	29.966	50.0	51.7	50.7			10	Nim	r	bc.or	55.8	49.1
12	30.106	51.0	43.5	42.9			2	Cum	bc	rc	54.4	43.0
13	30.396	46.0	36.8	36.2			0	Clear	b	b	46.9	35.8
14	30.240	44.7	44.1	43.6			10	Circ	og	fc	44.4	29.1
15	30.172	43.0	36.8	36.0			10	Cums	o	co	45.5	36.0
16	30.130	41.3	34.1	33.9			2	Cum	bc	fc	39.3	32.5
17	30.290	40.7	33.9	33.6			0	Clear	b	c	41.2	32.5
18	30.489	40.0	32.3	31.9			0	Clear	b	bc	41.2	30.1
19	30.414	40.0	40.0	39.2			10	Circ	o	co	41.4	29.1
20	29.962	40.7	40.5	38.2			10	Cums	og	cp	47.4	36.6
21	30.094	40.5	34.7	33.9			10	Cums	o	bc	44.2	33.1
22	30.074	40.9	39.4	39.0			9	Cums	c	c	43.2	30.0
23	29.948	41.0	39.3	38.9			9	Cum	c	c	42.6	36.7
24	30.102	40.0	32.5	31.8			3	Cum	bc	bc	39.7	31.6
25	30.143	40.3	39.7	39.1			0	Clear	b	bc	43.7	32.0
26	30.099	41.2	43.2	42.0			8	Circ	c	c	46.1	37.9
27	29.727	42.0	41.4	39.7			8	Circ	bc	cp	48.6	40.7
28	29.644	41.7	38.0	37.0			7	Circ	bc	cp	43.4	35.9
29	29.808	39.5	32.4	31.8			10	Circ	o	pc	38.2	31.2
30	29.618	39.5	37.5	37.0			10	Nim	od	o	39.2	31.8

Showers before Noon.

20.5.9
46.86 36.68 ✓

10 P.M.

Hygrom
Corrected

Anemometer

Therm.

Sunshine

	E	A	Corrected Bar	Dry } <i>Wet</i>	<i>wet</i> Dir.	Sp.	Rel. Hum. max.	Wet Bulb min.		in hours
57	232	175	29.795	46.5	46.1	.	97	.307		0.0
44	238	194	29.952	38.3	36.5		85	.196		2.2
46	235	189	29.865	45.8	40.8		67	.205		2.1
50	228	178	29.261	46.8	44.8		86	.273		1.6
51	235	184	29.750	43.0	42.0		92	.255		2.6
45	234	189	29.709	42.7	42.3		97 6	.244 66		2.7
44	237	193	29.977	39.9	38.7		90	.222		0.1
52	231	179	29.829	51.0	48.2		81	.304		0.0
50	239	189	30.314	42.5	40.5		85	.230		3.5
55	235	180	30.264	50.5	49.0		90	.328		6.3
58	234	176	30.142	51.2	50.2		93	.350		0.0
60	238	178	30.284	43.0	42.4		95	.264		0.0
48	244	196	30.592	36.3	35.7		95	.203		5.9
43	239	196	30.436	43.6	43.1		96	.272		0.1
39	242	203	30.375	36.3	35.5		93	.200		0.6
33	243	210	30.340	33.6	33.4		96	.190		0.0
33	243	210	30.500	33.4	33.1		97	.186		0.6
31	246	215	30.704	31.8	31.4		97 5	.171		4.8
31	242	211	30.625	39.5	38.7		94	.226		0.6
33	239	206	30.168	40.0	37.7		82	.200		1.2
33	242	209	30.303	34.2	33.4		91	.182		2.6
34	240	206	30.280	38.9	38.5		97	.229		2.7
34	238	204	30.152	38.8	38.4		97	.228		0.2
31	243	212	30.314	32.0	31.3		90	.164		2.8
31	240	209	30.352	39.2	38.6		93 5	.228		0.0
34	239	205	30.304	42.7	41.5		90	.248		0.8
36	234	198	29.925	40.9	39.2		86	.220		0.0
35	237	202	29.846	57.5	36.5		92	.205		3.0
29	240	211	30.019	31.9	31.3		93	.168		1.1
29	237	208	29.826	37.0	36.5		95	.210		0.0
			30.140	40.29	39.18					0.0

Weather

Since
last obs.

50

Snow on ground

Hour Frost

Total Rain 34.55

3.585 3.574

10 P.M.

Hygrom
Corrected

Anemometer

Therm.

	E	A	Reduced Bar	Dry } Wet }	Wet Dir.	Sp.	Relat. Hum. Max.	Elast. Force Min.
28	239	211	29.933	34.0	33.7		97	.190
33	232	199	29.455	43.5	42.7		94	.265
38	228	190	29.107	45.0	42.6		82	.245
30	230	200	29.090	40.3	39.5		94	.233
32	236	204	29.686	37.4	36.4		91	.204
36	231	195	29.365	43.7	42.5		90	.258
38	230	192	29.405	46.2	43.9		84	.261
34	235	201	29.565	38.0	37.0		91	.208
29	238	209	29.799	34.1	33.2		90	.179
33	231	198	29.525	45.2	43.5		87	.262
35	232	197	29.438	43.3	42.0		90	.252
37	235	198	29.942	43.5	42.8		94	.267
45	233	188	29.905	48.7	47.8		94	.321
47	233	186	29.530	43.5	44.4		84	.237
38	236	198	29.628	34.5	33.7		92	.184
31	236	205	29.764	36.5	35.6		91	.199
27	237	210	29.630	31.5	31.2		96	.170
26	232	206	29.483	41.5	41.0		96	.251
26	232	206	29.342	39.0	37.4		87	.206
27	233	206	29.370	38.0	37.0		91	.208
27	240	213	30.303	37.7	36.0		85	.193
20	247	227	30.413	24.5	24.5		100	.449
20	240	220	30.162	34.6	33.0		84	.169
20	242	222	30.286	33.3	32.2		88	.168
20	241	221	30.242	35.0	34.6		96	.196
20	242	222	30.222	33.2	32.8		95	.181
23	240	217	30.228	38.5	38.2		98	.227
23	239	216	30.062	36.2	35.5		93	.201
23	236	213	29.781	35.8	34.8		91	.191
25	236	211	29.870	38.8	37.6		90	.213
29	235	206	29.894	42.5	41.5		92	.251
		18.713 206	29.756	38.63	37.60			

1884

9 p.m.
10 A.M.

Hygrom

Anemometer

Clouds
Rain

Weather

Corrected

December	Barom.	Att. Therm.	Dry Bar	Wet	Dir.	Sp.	Amount Square	Form	At times of obs.	Since last obs.	Max.	Min.
1	29.518	39.5	40.0	39.5			10	Cums	o	o	42.2	34.0
2	29.208	41.0	41.7	40.2			10	Circ	om	o	47.0	39.1
3	29.045	41.7	38.7	37.1			8	Circ	bc	oc	50.2	36.9
4	29.287	41.0	36.3	35.8			7	Circ	bcp	cp	42.8	35.7
5	29.173	42.0	49.1	48.6			10	Circ	op	cp	49.1	35.6
6	29.244	43.0	43.2	41.0			2	Cum	bc	bc	49.5	42.7
7	29.148	43.0	40.8	40.0			0	Clear	b	poc	47.5	40.3
8	29.504	41.0	35.0	34.2			2	Cum	bc	b	43.5	34.5
9	29.715	40.0	36.9	35.9			4	Circ	bc	bc	38.6	32.8
10	29.185	42.0	44.1	42.5			10	Cums	og	ro	49.5	36.7
11	29.677	43.0	44.7	43.0			10	Circ	o	co	46.5	41.9
12	29.632	44.5	50.5	50.0			10	Nim	od	op	52.2	39.7
13	29.534	46.8	52.8	51.5			10	Cums	og	cp	53.0	47.0
14	29.460	44.2	39.0	37.2			8	Circ	c	bc	54.6	37.9
15	29.582	41.7	34.1	33.7			3	Circ	bc	pc	44.2	33.2
16	29.380	40.2	35.1	34.4			7	Cum	bc	pc	38.3	32.9
17	29.637	38.0	30.9	30.1			0	Clear	b	bc	37.0	29.7
18	29.131	38.6	36.0	35.0			5	Cums	bc	p	42.4	29.7
19	28.777	39.0	37.9	37.2			10	Nim	or	opt	43.0	34.9
20	29.778	39.0	36.9	35.3			2	Cum	bc	pc	41.2	35.1
21	30.189	39.2	33.1	32.7			0	Clear	b	cb	40.2	31.9
22	30.061	36.8	29.0	28.7			4	Cums	bc	b	33.8	23.8
23	29.999	37.0	34.7	32.1			3	Circ	bc	cb	36.7	28.1
24	30.047	36.2	35.9	35.7			0	Clear	b	oc	37.0	27.5
25	30.018	36.8	33.5	33.1			2	Circ	bc	bc	38.0	32.5
26	29.987	36.3	37.0	37.0			10	Nim	m	od	36.8	28.3
27	29.937	37.4	38.9	38.3			9	Circ	c	omc	39.3	36.2
28	29.699	37.7	37.0	36.1			10	Circ	o	o	40.2	35.2
29	29.542	37.9	38.1	37.0			10	Circ	o	o	38.5	35.0
30	29.664	38.2	37.0	36.3			10	Circ	o	op	40.0	36.2
31	29.790	40.3	45.3	44.3			2	Circ	b	o	45.7	36.0
											43.18	34.87

Snowshowers during day

10 P.M.

Hygrom

Anemometer

Therm.

Sunshine

	B. +	A. +	Redwood Bar	Corrected Dry } Wet }	wet Bar	Sp.	Max Rel Hum	Min Elev force	in hours
29	235	206	29.724	39.5	39.0		96	.232	0.0
33	232	199	29.407	41.2	39.7		89	.227	0.0
34	232	198	29.243	38.2	36.6		86	.199	0.0
33	235	202	29.489	35.8	35.3		95	.201	1.0
35	229	194	29.367	48.6	48.1		97	.329	0.3
38	231	193	29.437	42.7	40.5		84	.228	1.3
38	232	194	29.342	40.3	39.5		94	.232	0.0
33	237	204	29.708	34.5	33.7		92	.184	2.9
30	238	208	29.923	36.4	35.4		91	.197	2.3
35	230	195	29.380	43.6	42.0		87	.250	0.0
38	235	197	29.874	44.2	42.5		87	.252	0.1
42	231	189	29.821	50.0	49.5		96	.347	0.0
48	229	181	29.715	52.3	51.0		91	.357	2.6
42	236	194	29.654	38.5	36.7		86	.198	0.6
35	239	204	29.786	33.6	33.2		97	.186	0.0
31	236	205	29.585	34.6	33.9		93	.187	0.0
25	240	215	29.852	30.4	29.6		88	.149	2.8
26	234	208	29.339	35.5	34.5		91	.189	0.0
27	230	203	28.980	37.4	36.7		94	.210	0.0
28	239	211	29.989	36.4	34.8		86	.185	0.0
29	243	214	30.403	32.6	32.2		97	.180	0.0
23	246	223	30.284	28.5	28.2		96	.148	0.8
23	241	218	30.217	34.2	31.6		75	.146	0.0
20	241	221	30.268	35.4	35.2		98	.204	0.0
22	242	220	30.238	33.0	32.6		95	.179	2.3
21	240	219	30.206	36.5	36.5		100	.246	0.0
24	239	215	30.152	38.4	37.8		95	.220	0.0
24	238	214	29.913	36.5	35.6		91	.200	0.0
25	236	211	29.753	37.6	36.5		94	.204	0.0
26	238	212	29.876	36.5	35.8		94	.202	0.0
30	235	205	29.995	44.8	43.8		92	.273	0.0
			29.7719	38.31	37.36				17.0