

*Carrolugh* Station.

METEOROLOGICAL OBSERVING BOOK

For the Year 1888.



# Corrections.

max	+	1.0
min	+	.6
wet	+	.3
Bar.	-	.004 in.



1888. *January*

Date ... ..	1	2	3	4	5	6	7	8	9
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	62	64	66	65	60	61	64	66	64
Barometer ... ..	730	660	538	338	352	492	516	554	568
Dry Bulb ... ..	66	64.8	65.4	62.5	59	62	65.6	67	64.2
Wet Bulb ... ..	60	59.2	60.3	61	52.5	55.4	58	61.6	60
Maximum ... ..	80.2	76.8	77	79.5	77.9	73	79	82.8	79
Minimum ... ..	51.9	52	58.7	60	49	47	49.6	54.5	47.9
Rain Measure ... ..	0	0	0	0	92	0	0	2 <sup>(2)</sup>	25
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	E	W	NW	NW	W	W	W	E	E
Velocity ... ..									
Force ... ..	1	0	1	1	1	1	1	0	1
Cloud ... ..	2	6	8	10	0	4	5	6	0
Remarks... ..	Cloudy.	do	do	heavy rain forenoon T storm with heavy rain in aft and night	Fine and clear	Fine	Fine. Thunder at sunset with shower	Thunder and rain in aft.	Thunder and rain at midday



1888 January

Date ... ..	10	11	12	13	14	15	16	17	18
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	64	64	67	71	74	71	73	74	72
Barometer ... ..	600	546	524	538	550	570	518	580	570
Dry Bulb ... ..	63.5	66.3	69.2	74	77.4	75.5	74.4	75	74
Wet Bulb ... ..	58.7	57	61.9	64	64	60	63.8	68	65
Maximum ... ..	77	78	85.8	86.8	89.2	86	88.9	90	88.2
Minimum ... ..	51.6	47.6	49	52.9	60.1	54.2	59	62	56.5
Rain Measure ... ..	26	0	0	0	0	0	0	0	1(?)
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	E	E	E	E	E	W	W	E	W
Velocity ... ..									
Force ... ..	1	1	0	1	1	0	1	1	1
Cloud ... ..	0	0	0	0	3	0	0	0	3
Remarks... ..	Fine and clear	Fine	Fine and clear	do do	Cloud forming	Fine	do lightning to NE after sunset	Fine	do



max 9 a.m.  
1888 Jan.

Date ... ..	19	20	21	22	23	24	25	26	27
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	75	73	69	69	68	71	65	61	64
Barometer ... ..	38.4	36.4	39.0	50.0	45.0	46.4	60.2	60.2	57.2
Dry Bulb ... ..	76.4	76.3	71.7	70	71	72.5	64.6	63	68
Wet Bulb ... ..	63.5	68	56.8	62	62.1	66	60	57.2	62
Maximum ... ..	90	93.5	92	89.2	87	84	88.2	79.6	83.5
Minimum ... ..	65.3	61	47	55.6	51.1	60.2	57	52.7	50
Rain Measure ... ..	0	0	0	0	0	0	0	12	0
Evaporation... ..					52	60.8	58	53.7	51.2
Direction of Wind ... ..	NW	NW	W	E	NW	W	E	E	NE
Velocity ... ..					70.6	73.8	64	62.8	
Force ... ..	2	2	0	0	2	0	2	2	1
Cloud ... ..	5	0	0	1	2	9	9	6	1
Remarks ... ..	Fine	do Thunder in aft.	do	do	Cloud forming	Cloudy like rain.	Thunder midday light rain in aft.	Fine	do

Remarks ... ..



1888. Date		73.1	67.2	69.5	69.1	68.8	66.2	71.9	73.0
Time		9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.		Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ...		68	67	66	66	66	68	67	71
Barometer ...		58.2	62.6	58.4	57.0	57.0	50.2	59.2	57.2
Dry Bulb ...		71	68.7	68	67	66.6	67.7	66.1	70
Wet Bulb ...		62.8	63	62.9	60.2	59	60	61.8	66
Maximum ...		87.1	86.4	85.6	83.8	83.7	87.8	85	86
Minimum ...		52	57.9	57.5	54.8	50.2	57	60.7	64.6
Rain Measure ...		0	0	0	0	0	0	0	0
Evaporation...	Weight...	53	58.7	58.5	56	51.6	58	62	55
	Amount	70.8	68.7	66.6	66.6	66.3	67	66	71
Direction of Wind ...		W	E	E	E	W	W	E	NW
Velocity ...		71	67.9	65.7	67.2	66.7	67	65	69
Force ...		1	1	1	1	0	2	1	1
Cloud ...		1	9	10	3	1	2	10	2
Remarks		6 9 30.0 am Mean diurnal range 45.4 am 46.9 am Greatest dr Greatest range	70.0 am Fine 85.0 am Thunder in aft. 55.0 am 68.8 61.5 am 3.3 dry wet cloud Humidity 63 Inches of rain 1.59	do Thunder in aft.	do do Cloudy	do do do	do do do	Fine	do Thunder and rain 8 a.m.



max 9 am  
1888 February

Date ... ..

Time ... ..

INSTRUMENT.

Attached Thermometer ... ..

Barometer ... ..

Dry Bulb ... ..

Wet Bulb ... ..

Maximum ... ..

Minimum ... ..

Rain Measure ... ..

Brooks { Weight ... ..

Evaporation... { Amount ... ..

Brooks { Direction of Wind ... ..

min 9 am  
Velocity ... ..

Force ... ..

Cloud ... ..

Remarks ... ..

66.2 67.5 73.2

6 7 8

9 a.m. 9 a.m. 9 a.m.

Reading. Reading. Reading.

69 69 69

57.2 55.0 52.0

66 66 70

65.2 65.5 66.4

90 84 74.4

65.3 63.1 57.6

2.3 5.2 4

66.8 64.5 59.2

66.9 67.2 72

NW NW W

66 66 70.8

1 0 0

10 10 10

rain from and early m. with Thunder

light rain

Cloudy

69.0 58.4 66.0 65.3 66.3 66.8

9 10 11 12 13 14

9 a.m. 9 a.m. 9 a.m. 9 a.m. 9 a.m. 9 a.m.

Reading. Reading. Reading. Reading. Reading. Reading.

68 61 62 64 66 65

58.4 59.2 60.2 60.0 48.8 47.8

68 59 65 64 65.8 64.2

63.7 57.1 60 62.2 62.6 61.7

77.5 81 65.8 77.5 77.2 78.1

58.5 55 55.8 57.8 59.2 56.9

0 50 3 5 11.2 35

59.8 56.3 57.1 59 60.6 58.5

68.1 58 64.1 64.2 65.1 65.4

E E E E NW W

67 57.2 63.9 64.0 65. 64.4

1 2 2 1 2 1

5 10 6 10 7 4

rain with Thunder

misty all day

Cloudy light showers

heavy rain in aft. with Thunder

Thunder and showers in aft.

66.0 65.3 66.3 66.8

9 10 11 12 13 14

9 a.m. 9 a.m. 9 a.m. 9 a.m. 9 a.m. 9 a.m.

Reading. Reading. Reading. Reading. Reading. Reading.

68 61 62 64 66 65

58.4 59.2 60.2 60.0 48.8 47.8

68 59 65 64 65.8 64.2

63.7 57.1 60 62.2 62.6 61.7

77.5 81 65.8 77.5 77.2 78.1

58.5 55 55.8 57.8 59.2 56.9

0 50 3 5 11.2 35

59.8 56.3 57.1 59 60.6 58.5

68.1 58 64.1 64.2 65.1 65.4

E E E E NW W

67 57.2 63.9 64.0 65. 64.4

1 2 2 1 2 1

5 10 6 10 7 4

rain with Thunder

misty all day

Cloudy light showers

heavy rain in aft. with Thunder

Thunder and showers in aft.



1888 February

Date ... ..	15	16	17	18	19	20	21	22	23
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	65	64	64	61	59	60	63	67	64
Barometer ... ..	63.6	59.0	53.0	59.2	62.2	64.4	64.2	62.2	55.0
Dry Bulb ... ..	66	61.8	64.4	58	60.2	63	64	67	64.7
Wet Bulb ... ..	62	60.5	60.7	56	54	58	61.1	61.5	58.2
Maximum ... ..	81	77.9	71.1	81	72.7	69.8	77.8	83.7	79.6
Minimum ... ..	58.1	56.9	48.8	54.8	50	45.8	52.9	56.6	48.7
Rain Measure ... ..	0	0	52	0	0	0	0	0	0
Evaporation... Brooks min (Weight... Brooks Amount min 9 am	59.6	58.4	50.8	56.2	51.7	47.8	54.9	58.5	50.8
Direction of Wind ... ..	E	NW	W	E	E	E	E	NW	E
Velocity ... 9 am	65	61.8	63.3	56.5	59.4	55.5	61	66	63.5
Force ... ..	2	0	0	3	3	2	1	0	0
Cloud ... ..	6	10	1	10	1	0	1	7	8
Remarks ... ..	Fine	raining all day	Fine	do	do	do	do shower 9 p.m.	Fine	Cloudy

Remarks ... ..



max 9 am 1888. February	63.9	66.0	56.9	64.5	65.9	64.0	March 61.0	59.8	St. 310
Date ...	24	25	26	27	28	29	1	2	3
Time ...	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ...	64	65	60	62	64	64	63	64	58
Barometer ...	52.4	50.4	48.8	50.0	51.4	51.2	50.0	48.2	46.2
Dry Bulb ...	63.2	63.9	56.9	63	66.2	65	65	61	59
Wet Bulb ...	58.8	60	56	61	63	61.2	60.2	59	55.6
Maximum ...	77.5	78.2	79.1	64.5	78	79.1	77	76	70.2
Minimum ...	49.8	54	54.4	54.6	52.9	55.8	53	56.1	50
Rain Measure ...	0	0	60+	17	3	0	0	2.9	8
Evaporation... { Weight ...	51.9	56	55.8	55.9	54.9	57.2	54.9	58	51.9
Amount ...	62	65	56.2	63	64.5	62.3	63.2	60.4	58.5
Direction of Wind ...	W	W	E	E	E	E	E	E	E
Velocity ... 9 a.m.	61.3	63.4	55.8	62.7	63.5	62.3	62.8	60	57.5
Force ...	1	0	1	1	0	2	1	0	2
Cloud ...	3	3	10	9	1	3	1	10	3
Remarks ...	12 5 Days rain. 1. lightning Mean diurnal range 23.6 cor Greatest dr 33.9 cor Greatest range 44.6 cor Mean temp: 67.9 cor	79.7 cor Fine min 56.1 cor dry 64.6 wet 61.2 cor cloud 5.4 Humidity 80 Inches of rain 4.16	Cloudy rain in aft and in early mgy Raining	Fine shower in aft Inches of rain } 5.75 since 1st Jan	7 W NW E 15 Fine	do Fine	showers with Thunder	light rain all day	Fine







Max 9<sup>am</sup>  
1888 Date March

Time ... ..

INSTRUMENT.

Attached Thermometer ... ..

Barometer ... ..

Dry Bulb ... ..

Wet Bulb ... ..

Maximum ... ..

Minimum ... ..

Rain Measure ... ..

Evaporation... {  
Weight... ..

{ Amount ... ..

Direction of Wind ... ..

Velocity <sup>Min 9 am</sup> ... ..

Force ... ..

Cloud ... ..

Remarks... ..

63.8 62.5 67.2  
13 14 15  
9 a.m. 9 a.m. 9 a.m.

Reading. Reading. Reading.

63 62 64

640 568 494

64.7 63.8 68.7

59 55.8 59.9

77.2 74 78

46.9 49.5 43.8

0 17 0

48.8 51.6 45.8

63 62.2 67.5

E W W

62.7 61.5 66.8

1 1 1

1 0 0

Cloudy much  
with very little rain  
all day  
Fine  
Fine and clear.

68.1 50.8 56.6 52.5 57.0 59.0  
16 17 18 19 20 21  
9 a.m. 9 a.m. 9 a.m. 9 a.m. 9 a.m. 9 a.m.

Reading. Reading. Reading. Reading. Reading. Reading.

66 54 54 55 57 58

246 264 308 628 778 774

66.5 52.2 54 54.2 58.7 59

56 45.5 48 48.2 54 53.8

79.9 73.9 68 69 71.2 74.5

60.8 41.3 42.1 40.6 41 43.9

0 0 0 0 0 0

62 43.2 44.1 42.2 43 45.7

67 50.5 55.5 52.2 56.5 58.3

W W W E E E

66.3 48.9 54.4 51 55.6 57.7

2 3 1 2 1 1

0 0 2 0 0 0

do gale  
do Fine  
Fine and clear  
Fine and clear  
do do



max gam  
1888 March

Date ... ..	22	23	24
Time ... ..	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	57	58	58
Barometer ... ..	74.2	74.4	72.4
Dry Bulb ... ..	60	59.9	58
Wet Bulb ... ..	53	54.5	54
Maximum ... ..	74.8	74.8	75
Minimum ... ..	34.2	43	43.3
Rain Measure ... ..	0	0	0
Brooks min Weight ... ..	37	44.8	45
Evaporation ... ..		58.9	55.9
Brooks of a.m. Amount ... ..			
Direction of Wind ... ..	E	E	E
Velocity min. 9 a.m. ... ..		58	54.8
Force ... ..	1	1	1
Cloud ... ..	0	0	0
Remarks ... ..	4 Days rain lightning Mean diurnal range 31.7 cor Greatest do 39.7 cor Greatest range 47.9 cor Mean temp 59.2 cor max 75.1 cor min 43.4 cor dry 60.4 wet 54.3 cor cloud 1.5 Humidity 66 Inches of rain 0.59	Fine and clear Fine do	do

25	26	27	28	29	30
9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
64.5	62.0	60.1	54.0	59.0	60.0
60	60	60	57	56	58
69.2	67.6	78.4	85.0	82.0	66.4
63.7	62	59.6	57	59	60.5
56.2	55	55.7	52.5	52.6	53
76.7	77.8	77	74.5	71.7	77.7
42	39	45.6	44.4	32.4	35.7
0	5	0	0	0	0
44.1	41	47.6	46	34.4	37.9
64	61.5	60	54	59	60.2
W	E	E	E	E	NW
63.5	61	59.7	52.3	58.5	59.2
1	1	1	2	1	1
3	0	6	9	0	0
little rain in aft. with Thunder	Cloudy Thunder in aft.	Fine	do	do and clear	do do
Inches of rain since 1 <sup>st</sup> Jan } 6.34					
Winds W 12 NW 3		E 16			



Max 9 a.m.  
1888 Date ... ..  
March

Time ... ..

INSTRUMENT.

Attached Thermometer ... ..

Barometer ... ..

Dry Bulb ... ..

Wet Bulb ... ..

Maximum ... ..

Minimum ... ..

Rain Measure ... ..

Evaporation... { Weight min ... ..

do { Amount 9 a.m. ... ..

Direction of Wind ... ..

Velocity min 9 a.m. ... ..

Force ... ..

Cloud ... ..

Remarks ... ..

63.6  
31

9 a.m.

Reading.

60

57.6

62

56.7

75

38

0

40.3

62.4

NW

61.8

2

4

light rain

54.0  
1

9 a.m.

Reading.

55

73.6

54

57

69

42.6

17

44.5

53.4

E

52

1

1

Fine

heavy fog at night

56.9  
2

9 a.m.

Reading.

57

69.4

56.7

54.9

69

43

0

44.9

56.4

E

55

1

7

Fine

58.8  
3

9 a.m.

Reading.

59

61.4

59.9

54.4

76

45.7

0

48.1

58.5

E

57.8

3

2

Fine

and clear

gale

57.9  
4

9 a.m.

Reading.

58

66.0

59.5

53.5

72

49

0

50.9

57.5

E

56.4

3

0

Fine

& gale

during

out

60.0  
5

9 a.m.

Reading.

59

72.2

60.5

57

74

47.1

0

49

59.9

E

59

1

6

Fine

61.9  
6

9 a.m.

Reading.

62

76.6

63

59.2

77.6

47.1

0

49

61.1

NE

60

2

2

do

62.0  
7

9 a.m.

Reading.

61

79.4

63.2

58.7

78.1

42.3

0

44.7

61.5

E

61

0

0

do

61.9  
8

9 a.m.

Reading.

61

82.0

63.5

55.6

78.8

41.9

0

44

61.1

NE

61

2

0

do



Max 9 a.m.	57.0	58.1	61.2	61.8	63.8	49.0	54.8	52.2	53.7
1888 Date April ...	9	10	11	12	13	14	15	16	17
Time ...	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ...	57	58	60	63	63	52	57	54	53
Barometer ...	75.6	64.4	65.0	69.0	60.0	73.2	80.2	81.0	80.0
Dry Bulb ...	59.1	59.2	63.1	60.3	64.5	50.7	54.5	55	56.6
Wet Bulb ...	55	53.4	57.2	58.9	56.6	44.8	49.2	51.2	50.9
Maximum ...	75.4	78	70.8	81	75	75.2	64.9	67.7	70.3
Minimum ...	36.8	39.8	43.8	53.8	48.8	35.2	40	42	29.1
Rain Measure ...	0	0	0	0	1	0	0	0	0
Evaporation ... { Brook min do 9 a.m. Weight ... Amount ...	38.8	42	46	55.7	51.1	37.3	42	43.8	31.8
Direction of Wind ...	E	W	W	NW	NW	E	E	E	E
Velocity ... { min 9 a.m.	56.3	57.2	60.6	59.5	63.2	47	52.8	50.8	53.0
Force ...	0	2	0	1	2	2	2	2	1
Cloud ...	1	2	0	9	0	0	6	0	0
Remarks ...	Fine	do	Cloudy like rain	Few drops rain gain cleared to fine	Fine	do and clear	do	do do	do do returned min E Brooks



1888. April

St. 3109

Date ... ..	18	19	20	21	22	23	24	25	26
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	58	56	58	57	59	54	54	52	53
Barometer ... ..	772	740	800	742	750	710	816	868	916
Dry Bulb ... ..	62.4	60	58	61	58	54	51.5	53	53.8
Wet Bulb ... ..	54.8	51.8	54	55.5	53.4	51	48.3	48	49.1
Maximum ... ..	72.8	73.1	75.6	72.1	72.2	67.8	69	64.2	65.6
Minimum ... ..	34.8	34.7	43.6	35.9	41.5	40	40.5	40	41
Rain Measure ... ..	0	0	0	0	0	0	0	0	0
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	W	E	E	W	E	E	E	E	E
Velocity ... ..									
Force ... ..	1	1	2	0	2	1	2	3	3
Cloud ... ..	1	1	1	0	2	0	5	2	1
	Fine	do and clear	do do	do do	do do	do do	do	do do	do do

Remarks ... ..















May

1888. Date ... ..

Time ... ..

INSTRUMENT.

Attached Thermometer ... ..

Barometer ... ..

Dry Bulb ... ..

Wet Bulb ... ..

Maximum ... ..

Minimum ... ..

Rain Measure ... ..

Evaporation... { Weight...  
Amount ...

Direction of Wind ... ..

Velocity ... ..

Force ... ..

Cloud ... ..

Remarks...

May

Days rain  
- lightning

Mean diurnal range 30.4 cor  
Greatest do 39.6 cor  
Greatest range 50.7 cor  
Mean temp 48.1 cor

max. 61.3 cor  
min 30.9 cor  
dry 48.3

wet 44.7 cor  
cloud 2.2  
Humidity 75

In. of rain 1.03

24

25

26

9 a.m.

9 a.m.

9 a.m.

Reading.

Reading.

Reading.

50

45

48

67.6

49.0

47.4

50

45

40.5

46.2

40.7

38

61.1

59.8

54.2

28

23.4

26.1

0

0

0

W

W

W

1

1

1

0

0

1

Fine

do

do

and

do

clear

27

28

29

30

31

9 a.m.

9 a.m.

9 a.m.

9 a.m.

9 a.m.

9 a.m.

Reading.

Reading.

Reading.

Reading.

Reading.

Reading.

44

47

43

45

44

54.0

65.0

61.8

57.4

53.6

40

45.4

43

46

42.5

33.8

42.3

36.1

40

36

51.8

56.1

56

57.2

56.1

18.5

23.5

19.2

22

20.8

0

0

0

0

0

E

E

W

W

E

1

1

0

0

1

0

0

0

0

1

do

do

do

do

cloud

do

do

do

do

forming

in aft.

In. of rain } 7.55  
since 1st Jan

Winds W 12  
NW 1

E 18



1888 Date *June*

Time	1	2	3	4	5	6	7	8	9
9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ...	48	50	52	44	52	56	53	52	49
Barometer ...	49.6	44.8	43.8	54.0	61.6	62.8	70.6	78.0	72.6
Dry Bulb ...	44.2	48.6	45.7	39.2	50	48.7	47.3	47.3	48.2
Wet Bulb ...	40.8	41	41	34.6	46.6	47	46	46.6	44.1
Maximum ...	55.2	57	58.8	53.4	54	58.8	57.1	55.9	56.5
Minimum ...	27.6	27.8	37	20	38.2	42.4	41.6	39	28.8
Rain Measure ...	0	0	0	0	0	10-	9+	0	0
Evaporation... { Weight...									
{ Amount									
Direction of Wind ...	W	W	W	SE	E	E	E	E	W
Velocity ...									
Force ...	0	1	2	1	3	1	2	2	1
Cloud ...	3	0	0	1	7	10	10	10	0

Fine

do

do

do

Cloudy  
Showers  
at nightdo  
rain at  
sunset

Fine

do

Cloudy

Remarks...



1888	Date	June	10	11	12	13	14	15	16	17	18
	Time	...	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
	INSTRUMENT.		Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	...	...	57.4	52	49	45	<del>47</del>	47	50	51	58
Barometer	...	...	58.6	47.6	54.6	62.2		67.6	72.4	71.2	58.0
Dry Bulb	...	...	57	50.2	46	41.7		43.5	49	49.8	54
Wet Bulb	...	...	48	44.9	41	36.2		41.5	45.5	46.9	57
Maximum	...	...	56.4	58.9	57.3	53.2		55.6	61	60	61.6
Minimum	...	...	40.2	42	27	21.1		24.3	29.4	28.7	34.8
Rain Measure	...	...	0	0	0	0		0	0	0	0
Evaporation...	{	Weight...									
	{	Amount									
Direction of Wind	...	...	W	W	W	W	W	E	W	W	NW
Velocity	...	...									
Force	...	...	2	2	2	0	1	0	0	1	2
Cloud	...	...	4	0	2	0	0	0	1	0	8
Remarks	...	...	Fine	do and clear	do do	do do	do do	do do	do	do do	Cloudy showers at midday heavy rain at night







1888	Date	June	28	29	30
	Time		9 a.m.	9 a.m.	9 a.m.
	INSTRUMENT.		Reading.	Reading.	Reading.
Attached Thermometer	...	...	42	44	48
Barometer	...	...	84.6	81.6	77.4
Dry Bulb	...	...	44	44	46.8
Wet Bulb	...	...	37	41	44
Maximum	...	...	56.2	57	56.3
Minimum	...	...	17.6	22.1	24.9
Rain Measure	...	...	0	0	0
Evaporation...	{	Weight...			
		Amount			
Direction of Wind	...	...	E	W	W
Velocity	...	...			
Force	...	...	0	1	1
Cloud	...	...	0	0	0

June  
 Days rain 4  
 lightning 0  
 Mean diurnal range 25.6 cor  
 36.8 cor  
 Greatest do 44.4 cor  
 Greatest range 44.4 cor  
 Mean temp. 43.4 cor  
 max. 56.2 cor  
 min 30.6 cor  
 dry 44.8  
 wet 41.5 cor  
 Cloud 2.9  
 Humidity 75  
 Inches of rain 1.03  
 Inches of rain } 8.58  
 since 1st Jan  
 Winds

July.	1	2	3	4	5	6
	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
	45	54	50	49	49	47
	71.0	64.0	61.6	58.6	65.0	70.4
	46	48.8	46.8	45.5	45	44.4
	39.4	45	45.1	44.7	43	42.8
	57.9	64	56.9	54.9	54.1	54.8
	22.7	33.4	28.1	36.5	36.9	23.4
	0	0	0	2	0	0
	W	E	E	E	E	E
	1	6	2	2	2	3
	0	0	10	10	4	10
	do cloud forming in aft	Cloud forming Thunder in aft.	Cloudy with showers of drizzle	Cloudy	Fine	Cloudy
	W. 17 NW 12 E 10 SE 1					



1888 Date <i>July</i> ...	7	8	9	10	11	12	13	14	15
Time ...	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ...	49	57	48	44	45	46	48	38	41
Barometer ...	770	580	412	338	306	286	250	110	518
Dry Bulb ...	45.8	48.5	47	42	42	45	44.7	30.6	34.4
Wet Bulb ...	42	44	40.5	37	37	37.6	38.8	28.7	33.4
Maximum ...	54.3	60.2	58.1	55	51	50.9	53	50.5	41.2
Minimum ...	33.5	28.6	30.8	32.5	31.6	31.7	36.7	26.1	19.6
Rain Measure ...	0	0	0	0	0	0	0	32	0
Evaporation... { Weight... Amount									
Direction of Wind ...	NE	W	W	W	W	W	W	W	E
Velocity ...									
Force ...	1	1	2	2	2	1	3	3	0
Cloud ...	0	2	0	0	0	0	2	10	0
Remarks...	Fine and clear	Fine	do and clear	do do	do do	do clouds in fog	cloudy snow at night	stormy	Fine and clear



1888	Date	July	16	17	18	19	20	21	22	23	24
	Time	...	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
	Instrument.		Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	...	...	40	42	44	48	51	51	48	43	47
Barometer	...	...	600	708	744	662	628	500	540	538	496
Dry Bulb	...	...	37	37	40.8	47.8	48	48	38	38.1	41
Wet Bulb	...	...	33	34.5	37.5	42	43.5	42.5	34	33.5	39
Maximum	...	...	53.2	46.8	50	56.8	55.2	55.1	56.1	48.5	50
Minimum	...	...	18.5	20	29.2	30.5	30.7	40.5	28.7	20.6	35
Rain Measure	...	...	0	0	0	0	0	0	0	0	7+
Evaporation...	{ Weight...	...									
	{ Amount	...									
Direction of Wind	...	...	W	E	E	NW	NW	W	W	W	W
Velocity	...	...				2	1	3	2	1	1
Force	...	...	1	3	0	1	10	1	0	9	10
Cloud	...	...	0	6	0	Fine	Cloudy	Fine	Fine and clear	Cloudy showers at night	Fine
Remarks	...	...	Fine and clear	do do	do do						















1888. *August* Date ... ..

1888 August		19	20	21	22	23	24	25	26	27
Date	Time	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.		Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer		53	48	49			50	54	55	57
Barometer		48.2	60.0	63.0			76.0	75.0	63.8	59.6
Dry Bulb		50.9	48	50.2	51	52	54	54.8	56.7	60
Wet Bulb		43	42	43	43	46	46.1	50.7	48.5	50
Maximum		60.1	59.8	60	61.4	58	64.2	69.1	68	67.3
Minimum		25	21.8	22.8	28	25.7	24.4	30.8	29.8	36
Rain Measure		0	0	0	0	0	0	0	0	0
Evaporation	{ Weight Amount									
Direction of Wind		W	W	W	W	W	W	NW	NW	W
Velocity										
Force		2	1	1	0	0	0	1	2	2
Cloud		7	0	0	8	0	0	1	0	0
		Fine	do and clear	do do	Cloudy	Fine and clear	do do	do do	do	do

Remarks ... ..



1888. *August*

Date ... ..	28	29	30	31	September. 1	2	3	4	5
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	55	59	53	56	58	49	43	48	52
Barometer ... ..	652	610	692	642	524	490	606	750	738
Dry Bulb ... ..	57	57	49.5	58.1	58.3	41	40	47	52
Wet Bulb ... ..	51	52	47.4	50.8	50.9	39.3	36.1	42.7	46
Maximum ... ..	72.5	74	67	66.9	73.2	65	50.9	57.8	62.5
Minimum ... ..	34.8	44	41.3	38.5	44.1	35	20.5	26.4	30.8
Rain Measure ... ..	0	0	0	0	0	58	2	0	0
Evaporation... { Weight... { Amount ...									
Direction of Wind ... ..	NW	NW	E	NW	NW	W	W	E	W
Velocity ... ..									
Force ... ..	1	3	2	1	3	2	1	1	1
Cloud ... ..	4	5	10	0	0	9	0	0	1
Remarks...	Cloudy Cumuli Thunder max 61.1 min 26.6 dry 47.7 wet 41.4	do do Thunder 2.2	Fine Humidity 59	do Inches of rain 0.02	Cloudy rain at sunset till 2 a.m. Inches of rain once 1st Jan } 9.01	Clearing W 16 NW 9 E 5 SE 1	Fine and clear	do do	Fine

*August*

Days rain 1 2  
lightning...  
Mean diurnal range 34.5  
quietest do 43.3  
quietest range 59.9  
Mean temp 43.8

max 61.1  
min 26.6  
dry 47.7  
wet 41.4  
cloud 2.2  
Humidity 59  
Inches of rain 0.02

Inches of rain  
once 1st Jan } 9.01

Winds W 16  
NW 9  
E 5  
SE 1



1888 September

St. 3109

Date ... ..	6	7	8	9	10	11	12	13	14
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	52	55	50	53	52	52	52	54	52
Barometer ... ..	624	626	622	644	632	636	618	652	694
Dry Bulb ... ..	57	52.8	47	47.2	57	48.5	52.2	50	50
Wet Bulb ... ..	45.7	48	43.9	43.1	47.1	45.1	47.2	46.6	46.5
Maximum ... ..	64	65.7	57.9	61.9	60	63.2	61.9	56.4	63.4
Minimum ... ..	28	36.1	33.4	32	35.6	33.4	34.7	33.7	35.2
Rain Measure ... ..	0	3	2.1	0	0	0	0	0	0
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	NW	NW	E	E	E	E	SE	E	E
Velocity ... ..									
Force ... ..	2	1	2	2	1	1	2	2	3
Cloud ... ..	4	7	1	1	2	0	7	9	8
	Fine	Totum in freem	Fine	Cloudy	Fine	do and clear	Cloudy	Fine	

Remarks ... ..



1888 <i>September</i>		15	16	17	18	19	20	21	22	23
Date	Time	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.		Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer		53	58	58	60	58	61	63	64	62
Barometer		662	680	760	810	784	730	670	600	504
Dry Bulb		49.1	56.2	59	60	61.9	64.3	64.6	64	56
Wet Bulb		48	53.8	55.5	56.2	58	62.9	64	63	55
Maximum		61.1	58	71	74	76.7	77.9	77	78	78.7
Minimum		39	43.8	34	38.8	35.5	40.8	50.2	55.8	50.7
Rain Measure		1	2	0	0	0	0	0	0	19
Evaporation...	{ Weight... Amount									
Direction of Wind		E	E	E	E	E	NW	NW	NW	NW
Velocity										
Force		2	1	0	0	1	1	2	2	2
Cloud		10	9	0	0	0	0	2	8	9
Remarks		Cloudy	do	do cumuli	do do	Fine	do	Cloudy	Fine light rain in early mgn.	Cloudy Tetrom in aft.



1888 September

Date ... ..	24	25	26	27	28	29	30		
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	55	53	54	52	55	55	59		
Barometer ... ..	438	512	598	684	660	564	560		
Dry Bulb ... ..	53.5	49.7	55.5	57	55	57.3	62		
Wet Bulb ... ..	47	45.2	49	46	48.7	50.9	54.5		
Maximum ... ..	67	62	66	66.7	64.7	71.2	72.7		
Minimum ... ..	38.5	32.7	33.2	39.2	40.1	29	37.5		
Rain Measure ... ..	15	0	0	8	0	0	0		
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	NW	W	E	E	E	NW	W		
Velocity ... ..									
Force ... ..	2	1	1	3	1	1	1		
Cloud ... ..	2	3	5	3	1	1	1		
Remarks...	9 Days rain 3 lightning Mean diurnal range 30.0 cor Greatest do 29.4 42.6 cor Greatest range 57.8 cor Mean temp. 52.2 cor max 67.2 cor min 37.2 cor dry 53.6 wet 49.8 cor cloud 3.4 Humidity 75 Inches of rain 1.29	do 49.8 cor 3.4	Cloudy light rain at sunset	Fine since 1 <sup>st</sup> Jan } 10.30	do Winds W 5 NW 9	Cloudy Thunder & W in evg E 15 SE 1	Fine		



1888 October

St. 3109

Date ... ..	1	2	3	4	5	6	7	8	9
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	58	59	60	66	58	52	59	58	52
Barometer ... ..	630	672	608	460	526	744	618	460	544
Dry Bulb ... ..	61.7	61.4	62.2	68.2	47	50.6	55.6	47.1	41
Wet Bulb ... ..	49.5	54	54	57	45.2	46	49.2	47	40
Maximum ... ..	75.8	77.7	74.4	78	80.2	59.2	70.8	69.8	55.8
Minimum ... ..	30.4	40.1	44	45.6	42.5	27.7	34.8	44.2	35
Rain Measure ... ..	0	0	10	0	69	0	0	0	143
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	E	NW	NW	NW	W	E	NW	W	W
Velocity ... ..									
Force ... ..	0	1	3	4	2	2	2	1	0
Cloud ... ..	0	1	0	0	10	0	0	10	10
Remarks ... ..	Fine and clear	Thunder in aft. with shower	Fine	fine till 5 p.m. then cloudy steady rain at night	Cloud to fine	Fine and clear.	do do cloud to W at sunset	Cloudy light rain in forenoon rain at midnight till 9 a.m.	raining 9 a.m. till 2 p.m. wind changed to E at 10 a.m.



1888. *October*

St. 3104

Date ... ..	10	11	12	13	14	15	16	17	18
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	51	52	55	59	64	63	63	60	52
Barometer ... ..	644	700	718	676	652	708	676	568	428
Dry Bulb ... ..	49.4	50	55	63.7	65	66.8	53.5	51	
Wet Bulb ... ..	46.7	47	49	55.9	55	56	52	44	
Maximum ... ..	50	59.2	64	69	75.1	79	81.1	79.8	66
Minimum ... ..	37	40.5	37.6	37.3	44.8	40.1	42.8	48.3	38
Rain Measure ... ..	7.4	3	0	0	0	4	0	0	18
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	E	E	E	E	W	E	W	NW	W
Velocity ... ..									
Force ... ..	4	2	2	1	1	0	1	1	1
Cloud ... ..	9	10	0	0	1	0	0	10	0
Remarks... ..	Clearing few light showers	Fine	Fine and clear.	do do	do Thunder 8 p.m.	do Thunder at sunset	Fine	Showery Thunder in aft. and at night	Fine W. gale



1888 October

St. 3109

Date ... ..  
Time ... ..  
INSTRUMENT.

Attached Thermometer ... ..  
Barometer ... ..  
Dry Bulb ... ..  
Wet Bulb ... ..  
Maximum ... ..  
Minimum ... ..  
Rain Measure ... ..  
Evaporation... { Weight...  
Amount ...  
Direction of Wind ... ..  
Velocity ... ..  
Force ... ..  
Cloud ... ..

Remarks... ..

19

9 a.m.

Reading.

57

53.8

57.8

42

62

28

0

W

1

0

Fine  
and  
clear

20

9 a.m.

Reading.

55

48.0

56

46

69

35

0

W

1

0

do  
do

21

9 a.m.

Reading.

58

56.8

55

46.9

70.1

35

0

~~W~~

1

0

do  
do

22

9 a.m.

Reading.

57

68.0

60

48

72.9

35.1

0

W

1

0

do  
do

23

9 a.m.

Reading.

61

60.8

65

54.6

76.2

37

0

W

1

0

do  
cloud  
forming  
from SW  
in aft.

24

9 a.m.

Reading.

64

50.8

69.3

54.2

80.6

42

0

W

2

1

do  
do  
do

25

9 a.m.

Reading.

66

56.8

66.2

58.3

82.6

46.5

0

E

2

1

Fine

26

9 a.m.

Reading.

66

58.2

72

57.8

86

40.7

0

NW

2

1

do  
cloudy  
with NW  
gale  
after  
sunset

27

9 a.m.

Reading.

72

50.8

75.2

58.5

87.1

61

0

NW

3

0

heavy

Thunder  
in aft. with  
little rain







1888, November

Date ... ..	6	7	8	9	10	11	12	13	14
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	75	67	58	55	66	67	64	64	64
Barometer ... ..	46.8	44.2	50.4	48.8	43.0	50.4	50.4	40.0	45.8
Dry Bulb ... ..	79	68.9	60.2	56.5	68.3	60.9	65	69.2	66.4
Wet Bulb ... ..	64	62	51.9	47.5	60	57	60	55.2	59.8
Maximum ... ..	93.8	91	78.6	77	81	88.2	84.7	79	84.5
Minimum ... ..	60.6	54	41.8	35.5	47	48.9	41.5	49	48.8
Rain Measure ... ..	0	0	0	0	0	10	0	0	0
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	NW	E	E	E	NW	NW	NW	W	W
Velocity ... ..									
Force ... ..	2	2	1	1	2	2	2	4	1
Cloud ... ..	1	1	1	1	1	1	10	0	0
Remarks ... ..	Fine	do cloudy in aft.	do	do	Tetm 5 p.m.	Fine	Cloudy like rain	Fine gale fr. W.	Fine and clear

Remarks ... ..



1888 November

St. 3109

Date ... ..	15	16	17	18	19	20	21	22	23
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	65	67	67	67	63	60	58	61	64
Barometer ... ..	50.2	56.4	72.4	72.6	75.8	76.8	79.4	72.0	63.2
Dry Bulb ... ..	67	69	71	72.3	64.5	59	60	65	68.8
Wet Bulb ... ..	57.8	57.2	60	60	58	54.6	54	51.7	54.9
Maximum ... ..	85.1	86	90	88.1	87	79.8	75	80.6	87.2
Minimum ... ..	40	40.5	48.5	44.6	48	47.7	38.2	40.2	37.3
Rain Measure ... ..	0	0	0	0	29	0	0	0	0
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	W	W	W	W	E	E	E	W	W
Velocity ... ..									
Force ... ..	1	1	1	1	2	2	1	1	0
Cloud ... ..	0	0	0	0	5	10	4	0	0
	Fine and clear	do do	do do	Storm with little rain	Fine	Sorenoon cloudy fine in aft.	Fine	Fine and clear	do do

Remarks ... ..



1888 November

Date ... ..	24	25	26	27	28	29	30		
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	68	72	69	73	77	73	66		
Barometer ... ..	54.4	46.0	45.6	50.8	48.4	51.2	53.2		
Dry Bulb ... ..	73.7	80	72.4	75.6	81	70	61		
Wet Bulb ... ..	56.5	59	63.3	62	66.2	62	60		
Maximum ... ..	93	95.8	96	95.8	95.6	96.8	79		
Minimum ... ..	45	50	50.4	48	57.7	58.6	52.4		
Rain Measure ... ..	0	0	0	0	0	0	27		
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	NW	W	E	W	W	W	W		
Velocity ... ..									
Force ... ..	1	1	1	1	2	1	1		
Cloud ... ..	0	0	0	0	2	10	10		
Remarks...	3 Days rain lightning Mean diurnal range 39.8 cor 50.3 cor 61.7 cor Greatest range 67.4 cor Mean temp.	Fine and clear 87.3 cor 47.5 cor dry 68.2 wet 58.2 cor cloud 2.1 Humidity 53 Inches of rain 0.66	do do Thunder in aft.	Fine Thunder in aft. 14.23	Thunder all aft.	Thunder all day light rain in mg.	Tetrum with heavy rain all afternoon from W undercurrent E		
Winds.					W. 17.				
					NW 6	E 7			



1888 *December*

St. 3109

Date ... ..

Time ... ..

INSTRUMENT.

1  
9 a.m.

2  
9 a.m.

3  
9 a.m.

4  
9 a.m.

5  
9 a.m.

6  
9 a.m.

7  
9 a.m.

8  
9 a.m.

9  
9 a.m.

Reading.

Reading.

Reading.

Reading.

Reading.

Reading.

Reading.

Reading.

Reading.

Attached Thermometer ... ..

Barometer ... ..

Dry Bulb ... ..

Wet Bulb ... ..

Maximum ... ..

Minimum ... ..

Rain Measure ... ..

Evaporation... { Weight...  
Amount

Direction of Wind ... ..

Velocity ... ..

Force ... ..

Cloud ... ..

Remarks ... ..

61	61	57
518	576	614
60	53	59.8
52	57	54
63	67	68.3
49	45	40.7
123	19	0
E	E	E
3	2	21
7	10	1
Cloudy Thunder in fore noon show in aft	Cloudy weather clearing	Fine and clear

60	64	68	74	75	72
630	614	662	700	702	668
62.7	67	69.4	75.8	78	74
55	58.4	62.4	67.7	64	63.1
76	83.8	79.4	90.1	92.6	95
42.8	39	48.5	54.5	52.6	57
0	0	0	0	0	17
E	W	W	W	W	W
1	0	1	1	1	1
1	2	0	0	0	3
Fine	do	do and clear	much Thunder in aft	much Thunder in aft with rain at sunset	T storm at sunset with shower



1888 *December*

St. 3109

Date ... ..	10	11	12	13	14	15	16	17	18
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	69	71	78	76	72	72	66	63	68
Barometer ... ..	650	588	542	528	446	390	308	310	280
Dry Bulb ... ..	71	73.5	80	82	73.5	73.6	63.5	60.7	70
Wet Bulb ... ..	63	63	64	67	66	64.6	61.2	52	56
Maximum ... ..	90.2	87	94.1	99	97	87.1	84	77	75.6
Minimum ... ..	48	50.6	60.7	57.7	58	53.4	51.2	43.1	48.8
Rain Measure ... ..	13	13	0	1	49	0	69	0	0
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	W	W	NW	NW	NW	NW	NW	W	W
Velocity ... ..									
Force ... ..	1	2	2	1	1	1	2	0	2
Cloud ... ..	1	0	1	2	2	2	2	10	7
Remarks... ..	T storm in aft with rain	T storm in aft with little rain	T do do do	T storm in aft with heavy rain	Thunder at midday few drops of rain	Thunder in forenoon little rain T storm with heavy rain 5.30-9 am	weather cleared Thunder at sunset	cloudy	Fine



December  
1888 Date ... ..

Time ... ..

INSTRUMENT.

19  
9 a.m.

20  
9 a.m.

21  
9 a.m.

22  
9 a.m.

23  
9 a.m.

24  
9 a.m.

25  
9 a.m.

26  
9 a.m.

27  
9 a.m.

Reading.

Reading.

Reading.

Reading.

Reading.

Reading.

Reading.

Reading.

Reading.

Attached Thermometer ... ..

Barometer ... ..

Dry Bulb ... ..

Wet Bulb ... ..

Maximum ... ..

Minimum ... ..

Rain Measure ... ..

Evaporation... { Weight...  
Amount ...

Direction of Wind ... ..

Velocity ... ..

Force ... ..

Cloud ... ..

Totum  
with  
show  
1 p.m.

Fine

Fine  
and  
clear

do

do

do

do

do  
detached  
clouds

Cloudy  
rain  
at midday  
with  
Thunder

Fine

do

Remarks ... ..



1888 *December*

Date ... ..	28	29	30	31					
Time ... ..	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ... ..	69	66	65	69					
Barometer ... ..	750	706	650	624					
Dry Bulb ... ..	71	68	68	72.1					
Wet Bulb ... ..	60	59.1	56	61.2					
Maximum ... ..	92.8	89.7	91	90.4					
Minimum ... ..	50	43.9	43.8	48					
Rain Measure ... ..	0	0	0	0					
Evaporation... { Weight... ..									
{ Amount ... ..									
Direction of Wind ... ..	NE	E	W	W					
Velocity ... ..									
Force ... ..	2	1	0	0					
Cloud ... ..	1	1	1	4					

*Remarks...*  
 Days rain 12  
 lightning 13  
 Mean diurnal range 37.9°  
 Greatest do 49.6°  
 Greatest range 60.4°  
 Mean temp 67.7°  
 max 85.7°  
 min 48.8°  
 dry 69.6°  
 wet 60.0°  
 Humidity 55  
 In of rain 3.50

In of rain { 17.73  
 since 1st Jan

Winds SW 1  
           W 14  
           NW 8  
           NE 1  
           E 7

Day in for year 66







