

Cowslip Station.

METEOROLOGICAL OBSERVING BOOK

For the Year 18~~93~~

Corrections.

wet + $0^{\circ}.3$

dry } $0^{\circ}.0$
max }

min - $0^{\circ}.1$

Bar. - .004 in.

1893. Date	January		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.	Reading.
Attached Thermometer	59	58	55	59	65	68	65	62	70	
Barometer	22.0	38.2	34.6	19.8	21.0	12.0	17.4	33.8	41.8	
Dry Bulb	55.6	57	53.9	59.6	66.2	68	65.3	64	72	
Wet Bulb	52.2	52.2	47.4	53	57	61	61.2	55	61	
Maximum	74.9	68	67.8	67	71	78.2	80	74.7	78.7	
Minimum	43.7	49	44	44	45.5	53	53.7	44.1	52.9	
Rain Measure	37	1	0	0	1	0	14	17	0	
Evaporation	{ Weight...									
	{ Amount									
Direction of Wind	W	E	SE	SE	W	NW	E	W	W	
Velocity										
Force	0	1	1	2	1	2	0	0	2	
Cloud	10	9	6	9	3	2	2	1	1	
Remarks	Fine	do	do	do shower in aft.	do Thunder on S. in aft.	do showers at sunset	do Thunder at midday with showers.	Fine	do	

1893

January

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	70	68	62	64	62	66	57	57	62
Barometer	330	356	394	072	312	688	690	582	566
Dry Bulb	71	68	60	63.5	58.5	66.3	56	57	64
Wet Bulb	60.6	58	55	63	56.7	61	51.7	52	57.5
Maximum	84.2	83.4	80.3	67	69.9	78	78.6	69	71
Minimum	54.5	47.8	51.8	52.9	54.9	53.7	47.9	48	46
Rain Measure	0	0	0	95	26	0	0	0	0
Evaporation { Weight ...									
Evaporation { Amount ...									
Direction of Wind	NW	E	E	NE	NW	E	E	E	E
Velocity									
Force	2	0	3	4	4	2	3	3	0
Cloud	2	0	10	10	10	1	9	10	0
Remarks	Fine.	do	Cloudy light rain in aft. NE gale all night with steady rain heavier towards m	Raining - clearing in aft.	Closed to Fine.	Fine.	do	do	do

1893.

Date	February									
Time	6	7	8	9	10	11	12	13	14	
INSTRUMENT.	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.	
Attached Thermometer	67	66	65	65	68	64	68	68	70	
Barometer	27.0	24.8	38.0	43.4	43.6	37.8	114	33.0	41.4	
Dry Bulb	67.1	66.9	66.5	66.9	70.2	62.7	68.5	65.5	70	
Wet Bulb	65.8	63.6	60.7	60.7	59.8	61.1	68	64	66.7	
Maximum	78.2	79.5	83.7	79.1	83.7	83	69	76.1	74	
Minimum	59.4	59	55	52.8	51	56.8	59.8	62.1	59.8	
Rain Measure	13	0	1	0	0	0	155	145	0	
Evaporation	{ Weight...									
	{ Amount ...									
Direction of Wind	E	SE	E	E	E	E	E	SE	W	
Velocity										
Force	1	2	3	2	1	4	1	1	1	
Cloud	10	10	1	0	0	10	10	10	4	
Remarks	Cloudy like rain.	Thunder in aft. with little rain.	Fine and clear.	Fine.	Fine and clear.	Raining all day and night	Raining	Cloudy clearing	Fine.	

1893.	Date	February	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.	9 a.m.
	INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	...	71	65	62	69	67	70	56			56
Barometer	...	530	500	456	370	468	510	598			600
Dry Bulb	...	72.5	63.6	62.5	68.1	68.1	71	56.6			55
Wet Bulb	...	67.6	61.1	59	66.8	65.7	64.5	52			52.7
Maximum	...	82.5	85	71	72.1	79.9	82	80.3	69		63
Minimum	...	63.7	55.7	54.7	59	61	55.8	47.2	48		47.5
Rain Measure	...	0	0	1	47	26	0	83	0		0
Evaporation	{ Weight ... Amount ...										
Direction of Wind	...	W	E	E	NE	NW	NW	E	E	E	
Velocity	...										
Force	...	1	3	5	2	1	1	3	3	3	3
Cloud	...	4	10	10	6	5	0	5	10	10	10
Remarks	...	Fine.	Cloudy and drizzling	Cloudy drizzling rain at night.	Wind westward to NW raining in aft.	Fine.	T storm with heavy rain 2 p.m. from S.	much cloud	Cloudy Cloud	Cloudy	Cloudy

1893. February

Says rain 92
lightning

mean diurnal range 20°.5

greatest do 33°.1

greatest range 42°.3

mean temp. 59°.5

max. 74°.7

min. 54°.2

Remarks

Direction of Wind ..

Velocity ..

Force ..

Cloud ..

February

1893 Date

Time

INSTRUMENT.

Attached Thermometer

Barometer

Dry Bulb

Wet Bulb

Maximum

Minimum

Rain Measure

Evaporation { Weight ...
{ Amount ..

Humidity

Br. of Rain

In. of Rain } since 1st Jan }

Wind

W 2

NW 2

NE 1

E 2

SE 2

SW. 1

N 1

W 1

W 1

W 1

24

9 a.m.

Reading.

55

576

55.3

51.9

65

42.7

0

Weight ...
Amount ..

E

4

10

Cloudy

80

Fine

do

4.95

7.19

80

do

do

do

do

25

9 a.m.

Reading.

58

550

57.6

52.7

65.5

47.9

0

Weight ...
Amount ..

E

3

9

Fine

do

4.95

7.19

do

do

do

do

do

do

26

9 a.m.

Reading.

59

512

60

64.5

69.1

43.7

0

Weight ...
Amount ..

E

2

5

do

27

9 a.m.

Reading.

61

620

617

57

73

49.7

0

Weight ...
Amount ..

E

5

0

do

28

9 a.m.

Reading.

66

636

65

59.2

68.5

48.5

0

Weight ...
Amount ..

SW.

9

9

do

1

9 a.m.

Reading.

66

608

68.5

53.5

47.

0

Weight ...
Amount ..

N

9

3

do

2

9 a.m.

Reading.

67

650

69

64

81

55

0

Weight ...
Amount ..

W

9

3

do

3

9 a.m.

Reading.

67

650

66.8

64

79

58.2

2

Weight ...
Amount ..

W

9

3

do</

1893

March

Date	5	6	7	8	9	10	11	12	13
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	66	64	66	66	56	58	55	57	57
Barometer	654	612	466	240	216	342	612	750	780
Dry Bulb	67	65	67	66	52	54	53.2	56	57.8
Wet Bulb	63	60	61	61	50.5	52	51	54	55
Maximum	80	78.2	78.5	77.8	69	67.8	61	65.5	69
Minimum	54.8	52	50	56	42	47	45.5	46.2	45.5
Rain Measure	160	0	0	0	93	471	2	0	0
Evaporation	{ Weight ...								
Direction of Wind	N	S	W	W	E	E	E	E	E
Velocity									
Force									
Cloud	8	0	1	9	5	10	10	10	9
Remarks					Thunder in mgs.				

1893		March		14	15	16	17	18	19 ^h	20	21	22
Date	Time	9 a.m.	9 a.m.	9 a.m.	9 a.m.							
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.								
Attached Thermometer	56	58	61	62	61	61	63	63	63	62		
Barometer	684	646	660	768	662	660	708	710	710	650		
Dry Bulb	57.2	57.8	60	60	57.2	61	64.7	64.3	61.9			
Wet Bulb	53.8	55	56.5	56.5	54.5	58.2	60.4	60	59.9			
Maximum	68.2	71.2	71.2	71.2	71	66.6	73.9	74.9	71			
Minimum	39	48	50.5	49	46.2	50.8	52	49.8	51.8			
Rain Measure	0	0	0	0	0	0	0	0	3	51+		

Evaporation	{ Weight...											
	{ Amount											
Direction of Wind	..	E	E	E	E	E	E	E	NW	NE		
Velocity	..											
Force	..								0	0	0	1
Cloud	..	8	9	9	5	10	4	0	2	4		
Remarks	..											

Cloudy
Cloudy
Thunder
in aft.
with
shower

Fine
Cloudy
Thunder
in aft.
with
shower

Cloudy
Cloudy
Thunder
in aft.
with
shower

Fine
heavy rain
6 p.m.

1893	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	56	46	49	51	55	58	62	60
Barometer	...	256	266	380	550	588	578	542	532	500
Dry Bulb	...	59	53.4	42	47.3	50	55.2	57	61	55.8
Wet Bulb	...	57.5	48.6	39	41	45.1	49.8	51.1	54.5	54
Maximum	...	69.1	69.1	59.9	53.6	58.4	63.7	67.1	67	66.1
Minimum	...	52.1	41.1	35.8	37.1	31.1	37.4	41	50.7	50.6
Rain Measure	...	7	2	63	0	0	0	0	0	9
Evaporation	{ Weight ... Amount ...									
Direction of Wind	...	E	NW	W	W	E	E	W	W	W
Velocity	...									
Force	...	1	2	2	2	0	1	2	2	1
Cloud	...	10	4	6	6	0	0	2	6	10
Remarks		Cloudy wind westward to W 7 p.m. with heavy rain	Fine	Fine	do.	do and clear.	do	do	Cloudy like rain light rain at sunset	Cloudy

1893. Date	April		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.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	59	61	61	62	60	59	59	61	62		
Barometer	616	624	610	532	488	490	502	498	536		
Dry Bulb	56.5	60.1	59.4	55	57.2	57.5	59	62.4	62.2		
Wet Bulb	53.9	57	55.1	54	55.1	53.9	53.2	55	57.5		
Maximum	65.9	67.5	69	71	62	67.1	66.9	68	71		
Minimum	47	45.4	46.5	50.1	42.7	41	41.2	44	45.7		
Rain Measure	0	79	0	27+	28	0	0	0	0		
Evaporation	{ Weight...										
	{ Amount										
Direction of Wind	E	W	E	W	NNE	NW	W	NW	NW		
Velocity											
Force	2	1	1	0	0	1	0	1	1		
Cloud	5	3	0	10	5	7	0	0	0		
Remarks	heavy rain 2.30 p.m. Followed by Thunder and light rain.		Fine	do	rain at 7 a.m.	Raining	Fine	do	Fine	do	do
								Thunder to W. inatt light rain		Tetown to W. 5 p.m.	heavy rain after midnight with Thunder

1893.	Date	April	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.	Reading.
Attached Thermometer	...	61	57	59	59	54	55	57	53	49	
Barometer	...	596	510	464	390	460	510	364	200	170	
Dry Bulb	...	53.7	51.8	55.3	57	49.9	52	54.9	48.8	44.3	
Wet Bulb	...	52	50	52.8	53.9	47	48	48.8	45	42.9	
Maximum	...	72.9	59	62.5	64.5	61.1	59.8	63.9	58.5	54	
Minimum	...	50.7	45	46.1	46	34	34	41.4	41	38.6	
Rain Measure	...	116+	37	2	0	7	0	0	100	7	
Evaporation	{ Weight	...									
	{ Amount	...									
Direction of Wind	...	NW	E	E	NW	W	E	NW	NW	W	
Velocity	...										
Force	...	0	2	2	2	1	1	2	3	2	
Cloud	...	10	10	1	9	1	0	10	4	10	
Remarks	...	raining all forenoon thick with in aft. at night	Fine shower	Fine	Cloudy threatening	Fine and clear.	do do light cloud from W at night	Cloudy rainy all aft. heavy at night	Cloudy and showery	do	

1893 April

16
 Days rain 5
 lightning
 Mean diurnal range 20° 4
 Greatest de 27° 3
 Greatest range 41° 8
 Mean temp. 52° 9
 max. 63° 1
 min. 42° 7
 dry 54° 0
 wet 50° 8 mm
 cloud 5.5
 humidity 79
 In. of rain 5.08
 In. of rain since 1st Jan. 21.21

Remarks
 16 days rain

INSTRUMENT.	Attached Thermometer	Barometer	Dry Bulb	Wet Bulb	Maximum	Minimum	Rain Measure	Weight...	Amount ...
	28	29	30					9 a.m.	9 a.m.
Attached Thermometer	50	50	57					56	58
Barometer	248	300	410					450	320
Dry Bulb	45.1	45.2	52					53	58
Wet Bulb	44	43.8	57					50.6	53
Maximum	50	51.1	57					61.5	62.2
Minimum	40	42	43					36.5	43.7
Rain Measure	17	1	6					0	0

Direction of Wind	W	W	W	W	NW	SE	E	W	W
Velocity									
Force	1	1	1	0	2	2	1	0	2
Cloud	10	10	10	1	3	7	9	0	0
	Cloudy and thick	Cloudy and overcast	Fine.	Cloudy like rain.	Cloudy	Fine.	do	do and clear.	do

May.	1	2	3	4	5	6
	9 a.m.					
Attached Thermometer	56	58	56	56	53	55
Barometer	460	550	552	470		
Dry Bulb	53	58	57	51.7	53	54.6
Wet Bulb	50.6	53	47.9	48.7	48.7	48.9
Maximum	61.5	62.2	59.8	60	64.2	62
Minimum	36.5	43.7	41.8	33.7	32.6	37.1
Rain Measure	0	0	0	0	0	0

Winds	W 14	NW 9	E 7						

26
289

1893.	Date	... May	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.
Attached Thermometer	...	53	53	56	58	57	56	49	53	54	
Barometer	...	474	666	670	596	478	428	450	404	240	
Dry Bulb	...	50.4	50	53.1	55	53.3	51	49.2	49	48.8	
Wet Bulb	...	44	46.6	51.6	52.5	49.5	45.8	44.2	45.9	46	
Maximum	...	60.8	58	61.5	63.4	64.1	61.5	58.2	57	56.1	
Minimum	...	29	29.1	37.8	44	37.8	41.1	30	32.5	43.7	
Rain Measure	...	0	0	0	0	3.3	1	0	0	4.3	
Evaporation	{ Weight	...									
	{ Amount	...									
Direction of Wind	...	NW	E	E	NE	NW	W	W	NW	NW	
Velocity	...										
Force	...	2	2	1	1	0	1	1	0	4	
Cloud	...	1	0	2	2	3	0	1	10	9	
		Fine and clear	Fine	Cloudy	Fine	Fine	do	do and clear.	Cloudy	Cloudy and cold	
Remarks	...				Fine Thunder at midnight with rain				Thunder 7 p.m. followed by heavy rain		

1893. May.

Days rain. 4
lightning 2

Mean diurnal range: $23^{\circ}1$

Greatest do : $31^{\circ}8$

Greatest range: $40^{\circ}5$

Mean temp.: $47^{\circ}2$

max.: $58^{\circ}7$

min. 35.6

dry 49.9

wet 46.8 cor.

Cloud 3.5

Humidity 78

In. of rain 1.45

In. of rain 22.66
since 1st Jan}

Wind W 15
NW 9

NE 1
E 5
SE 1

1893 Date May

	25	26	27	28	29	30	31	
INSTRUMENT.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
Attached Thermometer	50	55	55	58	60	63	59	
Barometer	840	778	688	628	626	638	474	
Dry Bulb	47.9	51.3	52.2	54.3	56.1	57.1	54	
Wet Bulb	45.9	49	48	51	51	54	53.4	
Maximum	60.1	60.1	59.6	61.1	59.7	63	61	
Minimum	28.7	37.2	35.2	41.2	48.6	53	49	
Rain Measure	0	0	0	0	0	0	68	
Evaporation { Weight								
Evaporation { Amount								
Direction of Wind	W	W	W	NW	NW	NW	NW	
Velocity								
Force	0	0	1	3	2	4	2	
Cloud	1	3	0	9	10	9	10	
	Fine.	do.	do	Cloudy fine rain	do furious gale night	do light rain at sunset and all night	raining all day	

1893. Date June

	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	49	49	50	50	53	53	53	53	54
Barometer	33.4	36.0	58.0	68.0	72.4	78.0	74.0	69.2	62.6
Dry Bulb	43.7	38.1	43	43	47.8	45.6	47	48.3	48
Wet Bulb	41	36.6	42	41	45.1	44.8	45.8	46.6	47
Maximum	54	47.7	45.2	53	52.4	54.5	53	55.9	53.1
Minimum	33.7	32.8	36	31.1	39.2	37.8	39	42	44.3
Rain Measure	31	9	8	0	0	0	0	0	9
Evaporation	{ Weight...								
	{ Amount								
Direction of Wind	W	W	SE	E	E	E	E	E	E
Velocity									
Force	2	3	0	3	3	3	2	4	3
Cloud	1	10	10	1	1	10	10	3	10
Remarks	Cloudy and showery	do	Fine	do	Cloudy	do	do	do and thick	wild weather.

1893	Date	June	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.	9 a.m.
	INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	...	44	45	42	52	49	47	46	49	52	
Barometer	...	336	406	450	324	274	426	506	520	468	
Dry Bulb	...	36	34.7	35.9	46	39.5	38.9	37	43	42.7	
Wet Bulb	...	35	32.2	32.6	44	37.9	37	32.3	40.8	42.2	
Maximum	...	45.7	44	43.5	48.1	51	45.2	44.8	47.9	50.2	
Minimum	...	32	29.3	21.3	32.1	33.2	33.1	23.7	25.2	38.7	
Rain Measure	...	10	1	0	22	0	4	0	0	14	
Evaporation	{ Weight...										
	{ Amount										
Direction of Wind	...	W	W	W	W	W	W	W	S.E	W	
Velocity	...										
Force	...	1	1	1	2	3	2	0	1	0	
Cloud	...	10	9	2	4	9	9	1	9	10	
Remarks	...	Showering with snow and sleet	Fine.	Cloudy in aft. rain at night.	Cloudy	Cloudy do	Fine	Cloudy rare after rain fog in morn	Fine.		

1893. June 16

Days rain 0

Lightning 15°.3

Mean diurnal range 25°.5

Greatest de 36°.9

Greatest range 36°.9

Mean temp. 42°.0

max. 49°.7

min. 34°.4

dry 42°.8

wet 41°.1 corr
cloud 6.2

Humidity 86

Evaporation { Weight...
Amount ...

Direction of Wind ...

W

W

W

W

NW

W

W

W

W

Velocity ...

3

1

0

1

0

0

0

2

2

Force ...

1

0

0

0

0

0

9

10

Cloud ...

1

0

0

do

do

do

do

Cloudy -

do

Remarks ...

Fine

Fine

and

clear.

do

do

do

very chd.

do

1893. July

51. 5109

Date	7	8	9	10	11	12	13	14	15
Time	9 a.m.								
INSTRUMENT.	Rending.	Reading.							
Attached Thermometer	45	45	43	43	48	48	50	50	51
Barometer	32.0	46.2	58.6	61.0	61.0	66.2	58.2	49.8	34.0
Dry Bulb	34.7	36	36.1	41.8	44.3	43.3	43.1	46	44.9
Wet Bulb	34	35.1	33	38.1	40	40.7	39.9	42.1	43.9
Maximum	39.8	49.2	45.2	48.3	51.8	52	52.5	53	50.9
Minimum	31.1	28.7	22.1	24.6	31	25.8	36	28.7	38.7
Rain Measure	17	0	0	0	0	0	0	0	15+

Evaporation { Weight...
Amount ...

Direction of Wind .. W W W W W W W W NW

Velocity ..

Force ... 1 0 0 0 1 1 2 2 2

Cloud ... 10 2 0 0 0 0 4 4 8

Cloudy
very cold
fog in
morn.

Fine.

Fine
and
clear

do
do

do
do

Cloudy.
rain
at night

Fine
shower
9 p.m.

Remarks ...

36. 6104

1893.	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.	9 a.m.
	INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer		49	53	56	53	49	50	50	49	56	56
Barometer		30.6	53.8	51.0	44.0	40.0	49.0	52.4	57.4	50.8	
Dry Bulb		41.8	47.7	49.9	48.1	43.2	43.9	49.9	46.6	51.2	
Wet Bulb		40	45	48	46.1	41.2	41	45.1	42	50	
Maximum		53.6	50	57.2	55.7	55.6	50.8	53.9	56	58.3	
Minimum		34.5	31.1	44	40.8	35.2	31.1	38	27.1	47	
Rain Measure		3	4	8+	118	0	0	0	0	26-	
Evaporation	{ Weight										
	{ Amount										
Direction of Wind		SE	E	W	W	W	W	W	NW	NW	
Velocity											
Force		1	1	2	1	3	1	1	2	2	
Cloud		5	3	10	3	6	0	0	1	10	
Remarks		Fine and clear shower in m.g.	shower in m.g.	Cloudy and showery	Fine	do	do and clear	do	forenoon fine light rain	Cloudy thundering Tetown from 1 p.m. at night with heavy rain	

1893 Date ... July

	25	26	27	28	29	30	31	
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	9 a.m.
Attached Thermometer	57	52	49	51	50	50	46	
Barometer	49.4	53.8	54.0	48.4	47.2	51.4	56.0	
Dry Bulb	52.5	46	41.8	43.8	44	41.4	40	
Wet Bulb	51	43.2	40.8	42.9	42.1	40.1	38.6	
Maximum	57	57	53	48.3	50	49	51	
Minimum	47.8	35.7	34.2	37.8	37.5	33.2	31.5	
Rain Measure	23	0	0	28	2-	0	0	
Evaporation	{ Weight... Amount ...							
Direction of Wind	W	E	E	E	E	E	E	
Velocity								
Force	2	1	1	2	3	1	1	
Cloud	10	5	10	9	7	2	3	
Remarks	11 3 Men diurnal range 18°.8 Greater do 30°.2 4°. Greater range 42°.5 Mean temp. 41°.1 max. 50°.5	Cloudy Threatening dry 42°.3 wet 40°.2 corr Cloud 4.2	Fine with cloud Cloudy Thunder is oft with light rain	Fine with cloud Cloudy threatening	Cloudy Cloudy dull and overcast	Cloudy	Cloudy	
Humidity	83	In. of rain 2.50	In. of rain 32.07 since 1st Jan	In. of rain 4	In. of rain 7	In. of rain 1	In. of rain 1	
Winds	W 19 NW 4 E 7 SE 1							

July 1893

Days rain 11
lightning 3
Men diurnal range 18°.8
Greater do 30°.2 4°.
Greater range 42°.5
Mean temp. 41°.1
max. 50°.5

In. of rain 2.50
In. of rain 32.07
since 1st Jan

Winds W 19
NW 4
E 7
SE 1

1893

August

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	47	49	46	39	48	41	46	48	49
Barometer	630	542	440	510	362	474	648	690	688
Dry Bulb	43.2	45.4	42	37.9	39	35.9	37.4	40.6	42.2
Wet Bulb	41	43.6	39.2	33.5	38	35	35	37.1	39
Maximum	47.8	50	55.4	49	52.1	45	42.7	48.2	45
Minimum	36.7	37.2	34.1	19.2	31	32	24.1	29.8	33.9
Rain Measure	0	0	0	0	28	20	0	1	0
Evaporation	{ Weight ... Amount ...								
Direction of Wind	E	NE	W	W	NW	W	W	W	W
Velocity									
Force	3	2	2	0	2	1	1	0	0
Cloud	10	2	0	0	10	10	1	9	1
Remarks	Cloudy.	Fine.	Fine and clear.	do	Stormy sleet showers in aft.	little snow in m. cleared in aft.	Fine Cloudy at sunset	Cloudy.	Fine shower at night

1893.	Date	August	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.	9 a.m.
	INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	...	51	50	51	50	51	54	57	49	48	
Barometer	...	762	890	938	888	808	680	572	804	862	
Dry Bulb	...	45.1	45.1	47.8	43	47.3	52	53.3	44.5	45.4	
Wet Bulb	...	43.9	44	44.2	42	45	48	52.6	42	43.7	
Maximum	...	47.9	49.1	54.1	57.9	59.7	62.6	58	58	54	
Minimum	...	37.7	36.4	37.5	27.8	29	40	48.1	36.3	32.5	
Rain Measure	...	9	0	0	0	0	0	5	15	0	
Evaporation	{ Weight... Amount ...										
Direction of Wind	...	E	E	E	E	E	NW	W	E	E	
Velocity	...										
Force	...	3	4	3	0	1	2	2	3	2	
Cloud	...	10	9	2	10	0	9	10	3	9	
Remarks	...	Cloudy and wisty.	Fine. strong gale	Fine. fogging	fogging	Fine and clear.	Cloudy light rain at night	Cloudy and shoery.	Fine.	Cloudy.	

1893.	Date	August	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.	9 a.m.
	INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	...	54	57	60	60	59	56	52	51	48	
Barometer	...	77.6	66.0	64.2	49.4	34.0	40.0	41.0	51.4	52.4	
Dry Bulb	...	49.3	50.9	56.1	59.6	54.9	55	49.4	49.9	47.9	
Wet Bulb	...	46.5	50.1	54	55.5	54	53.7	44.2	45.1	43	
Maximum	...	56	57.3	57.7	63.7	63.7	60.7	65.8	59.6	58	
Minimum	...	40.2	46	47.1	45.8	49	42.2	41.7	33.5	28.1	
Rain Measure	...	0	24	3	5	39	9	2	0	0	
Evaporation	{ Weight ... Amount ...										
Direction of Wind	...	E	NW	NW	NW	W	E	W	E	E	
Velocity	...										
Force	...	3	1	2	2	0	0	1	0	1	
Cloud	...	7	10	6	3	10	3	0	2	1	
Remarks	...	Cloudy showers in aft.	Cloudy light showers	do	Cloudy. showers in aft. steady rain at night.	overcast and showery.	Cloudy.	Fine and clear	Fine.	Fine and clear.	

September 1893

Remarks...

Days rain 7
lightning 2
Mean diurnal range $24^{\circ}7^{\prime}$
Greatest day $32^{\circ}0'7''$
Greatest range $47^{\circ}1'$
Mean temp 48°

max. $60^{\circ}4'$
min. $35^{\circ}7'$
day $50^{\circ}8'$
wet $46^{\circ}3' \text{ corr.}$

cloud 3.3
Humidity 70

in. of rain 0.69
in. of rain since 1st Jan } 34.50

Winds SW 2
W 16
N.W. 8

NE 1
E 2
SE 1

1893	Date	September	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.	Reading.
Attached Thermometer	60	62	53	55	58	59	59			
Barometer	610	530	494	566	650	686	670			
Dry Bulb	55.7	57	50	55	56.1	58.6	58.6			
Wet Bulb	50.6	55.3	49	51	53	54.4	53			
Maximum	72	68	66	62.2	67.7	68	67.1			
Minimum	41.8	51.1	39.4	33.6	36.6	41.7	36.8			
Rain Measure	0	0	30	0	0	0	0			
Evaporation	{ Weight ... Amount ...									
Direction of Wind	NW	NW	W	E	W	NE	NW			
Velocity										
Force	2	4	3	1	1	1	1			
Cloud	2	10	2	2	3	6	0			
	Fine.	Cloudy	Fine.	Fine and clear.	Fine.	Cloudy	Fine			

1893.

October

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	55	52	55	58	61	63	62	64
Barometer	600	452	404	452	534	558	580	610	594
Dry Bulb	61.5	50.6	48.2	52.6	58.8	62.2	63	59.6	63.8
Wet Bulb	58.1	50	47	50.2	53.9	57.3	58.3	55.7	57.9
Maximum	69	71	54.7	53.7	61.7	67.5	70.3	72	72.9
Minimum	43.3	45.2	40.4	42	38.6	40.9	41.7	43.9	42.2
Rain Measure	0	59	59	42	0	0	0	0	0
Evaporation	{ Weight... Amount ...								
Direction of Wind	NW	W	W	W	W	W	E	E	NW
Velocity									
Force	2	0	1	2	1	1	0	1	1
Cloud	1	10	9	7	2	0	0	0	0
Remarks	Fine Cloudy in aft. heavy rain midnight	Thunder with rain at midday	Raining	Cloudy	Cloudy Thunder in aft.	Fine.	do	do	do heavy rain at night with Thunder

1893	October	19	20	21	22	23	24	25	26	27
	Date	Time	9 a.m.	9 a.m.	9 a.m.					
	INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	...	57	60	55	61	66	67	64	64	63
Barometer	...	43.6	37.4	37.0	42.6	39.6	46.4	55.4	60.6	52.2
Dry Bulb	...	58.5	63	53.1	62	65.2	66	65.4	63.6	65
Wet Bulb	...	48.1	48.6	44.6	53	58.5	57.5	54	54.1	52.2
Maximum	...	73	69.1	70.8	65.1	73.5	78.5	77.4	77.3	74.9
Minimum	...	35	41.7	36.5	33.5	51.5	48.8	38.8	49	41.6
Rain Measure	...	0	0	0	0	0	0	0	0	0
Evaporation	{ Weight... Amount ...									
Direction of Wind	...	W	W	W	NW	NW	W	SW	E	E
Velocity	...									
Force	...	1	3	2	1	3	1	1	2	1
Cloud	...	0	0	0	5	6	7	0	0	0
Remarks	...	Fine and clear	do	do	do	do	do	do and clear.	do	do

October 1893.

Days rain 96
lightning 26° 2
Mean diurnal range 40° 7
Barometer do 49° 0
Greatest range 56° 2
Mean temp. 56° 2

1893. Date October

	28	29	30	31	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	68	59	56	59	60	65	64	68	72
Barometer	38.4	34.0	31.8	39.8	48.0	45.6	44.0	41.4	55.2
Dry Bulb	72.5	50	55	56.9	60.7	67.7	68.5	71	74.9
Wet Bulb	61.5	46.8	51.2	53.5	51.8	57.1	55	59.2	63.5
Maximum	78.4	82.5	54.8	62.8	70.5	74.9	77.1	80	81
Minimum	43.2	41.8	41.7	46.7	38.7	46.7	43.9	54	47.8
Rain Measure	0	165	2	27	1	0	0	0	0
Evaporation	{ Weight ... Amount ...								

Direction of Wind W E SE SE W NW NW NW E

Velocity

Force

Cloud

1	2	3	2	1	3	1	3	0
3	10	10	8	0	0	0	1	0
Cloudy Thunder in aft. very rain at night	Cloudy	Cloudy and showery	Cloudy	Fine	do	do	do	do

max. 69° 3
min. 43° 1
dry 59° 3
wet 53° 1 cm.

Cloud 3.8
Humidity 65

In. of rain 4.57
In. of rain } 39.07
since 1 Jan }

Winds SW 1
W 13
NW 7
E 8
SE 2

1893 Date		November									
Time		6	7	8	9	10	11	12	13	14	
INSTRUMENT.		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.	
Attached Thermometer		67	65	66							
Barometer		698	688	582	67	61	58	63	64	57	
Dry Bulb		69.5	66.7	67.6	532	638	604	420	298	250	
Wet Bulb		59	61	58.8	68	57.3	55.2	59.4	62.9	54.8	
Maximum		85.3	80	77.9	61	56	53.6	58	60.8	50	
Minimum		53	50.9	44.8	79.7	81	62.3	63.1	65.8	66.9	
Rain Measure		0	48	4	0	44	1	11	34	96	
Evaporation	{ Weight										
	Amount										
Direction of Wind		E	N	W	NW	E	E	NW	NW	W	
Velocity											
Force		2	1	1	2	2	2	3	3	3	
Cloud		3	5	0	1	10	10	10	10	5	

T storm
all aft.
twisted
NW

Thunder
all round
with
showers.

Fine

Fine
cloudy
towards
midday.

Cloudy
and
cold

Cloudy
with
drizzle

Raining
all day.
in forenoon
with
heavy
showers.

Thunder
weather
clearing.

Remarks

1893. Date

November

	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	57	61	67	64	70	72	59	56	57
Barometer	508	642	620	500	464	432	438	560	602
Dry Bulb	59	64	68	64.1	73.1	73.7	56.8	54.2	57.6
Wet Bulb	53.8	55	61.7	59.7	63.1	64	53	50	52.1
Maximum	65.1	73.1	78	79.6	81	84.1	80.5	69.7	70
Minimum	38	41.1	48.9	49.1	55	60.6	49	43.5	42.1
Rain Measure	0	0	0	20	20	0	51	0	0
Evaporation { Weight									
Evaporation { Amount									
Direction of Wind	SW	W	W	NW	NW	NW	W	E	E
Velocity									
Force	1	1	1	1	3	2	2	3	1
Cloud	0	0	0	8	1	1	6	8	6
Remarks	Fine.	do	T storm from S. after sunrise	Cleared to Fine.	Fine.	Cloudy Thunder frozen and aft. heavy rain at night	Fine.	Cloudy.	Fine

1893

November

1893.

1893 December

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	65	66	70	70	70	69	67	68	68
Barometer	50.8	47.0	45.2	46.0	53.2	46.0	38.2	42.0	44.0
Dry Bulb	65.9	66	70.7	70.7	72	69.5	67.1	69.9	70.5
Wet Bulb	60.2	61.5	64	65	64	63.9	62	58.3	57.5
Maximum	83.2	83.8	88.9	87.6	88.5	88.8	87	82.7	82.5
Minimum	48.7	46.4	55	55	55	57.1	57	52.4	47
Rain Measure	0	0	7	41	0	0	52	0	0
Evaporation	{ Weight...								
	{ Amount								
Direction of Wind	NW	NW	NW	E	NW	NW	W	NW	NW
Velocity									
Force	1	2	2	1	1	3	3	2	2
Cloud	5	6	3	0	0	3	4	0	1
Remarks	Fine.	do	do	do	do	Cloudy	Fine.	do	do and clear
	Tetons at sunset with little rain.	Thunder in aft. and 10 p.m. with rain.	Thunder in aft.	Thunder in aft.	Thunder in aft.	Tetons 8 p.m. with heavy rain.			

December, 1893.

6

7

33°.2

42°.5 19th

58°.6

66°.1

82°.7

Remarks...

sun

lightning

sun

diurnal range

min. 49°.5

day 67°.1

wet 59°.2 very

atmosph.

greatest range

min. 2.5

Humidity 61

hr. of rain 1.25

in. of rain } 43.69

since 1st Jan }

	Attached Thermometer	Barometer	Dry Bulb	Wet Bulb	Maximum	Minimum	Rain Measure
Date	28	29	30				
Time	9 a.m.	9 a.m.	9 a.m.				
INSTRUMENT.	Reading.	Reading.	Reading.				
Attached Thermometer	74	57	61				
Barometer	080	120	272				
Dry Bulb	74.1	54	62.3				
Wet Bulb	63.1	45.9	53.6				
Maximum	95	78.5	70.5				
Minimum	59.1	41	44.7				
Rain Measure	0	17	0				

Evaporation...	{ Weight...						
	{ Amount						

Direction of Wind	NW	W	W				
-------------------	----	---	---	--	--	--	--

Velocity							
----------	--	--	--	--	--	--	--

Force	4	4	2				
-------	---	---	---	--	--	--	--

Cloud ...	6	1	3				
-----------	---	---	---	--	--	--	--

	Thunder in forenoon with showers very cold afternoon	Fine Cloudy in aft very cold	Fine.				
--	--	---------------------------------------	-------	--	--	--	--

	9 a.m.					
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	66					
Barometer	390					
Dry Bulb	69					
Wet Bulb	57					
Maximum	76					
Minimum	47.7					
Rain Measure	0					

Direction of Wind	W						
-------------------	---	--	--	--	--	--	--

Velocity							
----------	--	--	--	--	--	--	--

Force	1						
-------	---	--	--	--	--	--	--

Cloud ...	0						
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	do						
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