

The image shows the front cover of an antique book. The cover is decorated with a traditional marbled paper pattern, featuring large, irregular, cell-like shapes in shades of red and pink, set against a background of dark green and black. The spine of the book, visible on the left, is bound in a dark red, textured material, likely leather or cloth. A central rectangular label, framed by two thin black lines, contains the title and year in a simple, black, sans-serif font. The paper of the label shows some signs of age and wear, with some discoloration and small stains.

METEOROLOGICAL OBSERVING BOOK.
1883.

Corrections.

max. = 0.2

min. + 0.6

Evenleigh.

1883

Date *January*

Tank = 3.2"

	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	65	66	57	55	57	57	58	59	66
Barometer	35.6	49.8	58.8	52.6	45.0	43.1	48.4	47.2	42.0
Dry Bulb	65.2	66.8	54.9	55	56.3	56.8	58.1	61	70.6
Wet Bulb	61	61.8	53	52.3	53.5	55.7	56.1	58	60.5
Maximum	75	79.5	69.5	56.2	59.2	59.4	69.4	70.8	80.7
Minimum	58.9	57.5	51	48.6	50.1	50	50.6	49.9	52.7
Rain { Weight Measure	3.0	0	8+	4.4	1	28+	5	3	0
Evaporation... { Weight Amount									
Direction of Wind	W	E	E	E	E	E	E	E	W
Velocity									
Force	1	4	4	3	3	4	3	2	1
Cloud	3	2	10	10	10	10	9	8	1
Remarks	Fine. Thunder to E in aft.	heavy fog from E with cloud very cold	light rain all day from E	Cloudy like rain sun not seen	driving nearly all day sun not seen	fine rain in forenoon cleared in aft. showers after sunset	Showery	Fine and clear	do do

1883	January	10	11	12	13	14	15	16	17	18
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		69	70	66	70	64	62	63	65	63
Barometer		499	554	584	610	662	636	626	607	656
Dry Bulb		73.8	73	69	72	63	64	64.8	68.3	64.1
Wet Bulb		62.1	66	64.1	64.1	58.5	56.5	58.2	60.3	57
Maximum		82.3	82.5 ⁸⁶	81.3	82.	80	74.8	78	81.6	82
Minimum		53.	57.5	54.6	57.8	64.8	50.1	46.6	48	53.4
Rain	{ Weight									
	{ Measure	0	0	99	0	32	0	0	0	0
Evaporation...	{ Weight									
	{ Amount									
Direction of Wind		NW	E	E	SW	E	E	NE	W	E
Velocity										
Force		2	1	0	1	3	3	2	1	2
Cloud		0	1	3	7	7	1	0	0	6
Remarks		Fine Thunder to E at sunset	heavy T storm with torrents rain and hail at 1 p m	Thundering all round all day	T do dr do heavy thunder in forenoon without rain little in aft.	Fine	do	Fine and clear	Fine Thunder in aft.	much cloud

1883 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	63	65	69	73	60	61	67	63	67
Barometer	640	594	563	458	443	356	325	400	468
Dry Bulb	65.2	67.7	71	74.9	60	62.3	70	65	68.1
Wet Bulb	58	60	62.9	64	54.9	57.7	65.7	58	60
Maximum	79.5	81.9	82.6	82.8 th	81.9	76.2	79.5	79	79.6
Minimum	49.1	48.8	55	63.7	47.9	47.6	52.7	47.7	52
Rain { Weight Measure	0	0	0	14	74	0	24	18	0
Evaporation { Weight Amount									
Direction of Wind	E	SW	NW	NW	E	NW	NW	0	W
Velocity									
Force	2	0	1	2	3	3	2	0	1
Cloud	1	1	1	3	3	3	7	0	2

Remarks ...

Fine. Fine and clear SE reached Fine light T storm after sunset

Thunder in aft. T storm with hail at 8 p.m.

Thunder round much cumulus

T storms in aft with rain

T do do

Fine

Cloudy Thunder to S at sunset Thunder with rain at 8 a.m.

1883	January	28	29	30	31	February	1	2	3	4	5
	Date	9 a.m.	9 a.m.	9 a.m.	9 a.m.	Tank = 4.3	9 a.m.				
	Time	Reading.	Reading.	Reading.	Reading.		Reading.	Reading.	Reading.	Reading.	Reading.
INSTRUMENT.											
Attached Thermometer		59	62	67	71	69	63	60	60	62	
Barometer		.523	.458	.458	.492	.484	.314	.243	.272	.384	
Dry Bulb		57.5	58.1	67	72.2	71.1	57.5	59.5	61	62.2	
Wet Bulb		50.2	57.7	63.4	67.1	65.5	56.8	55	56.5	59.8	
Maximum		78	69.5	75.4	81.2	82.1	82	76	71	75.7	
Minimum		50.3	52.6	57.5	58.9	59.5	55.3	48.1	46	55.6	
Rain											
{ Weight											
{ Measure		3	71	49	0	18	45	2	0	0	
Evaporation											
{ Weight											
{ Amount											
Direction of Wind		E	NW	NW	NW	E	NW	NW	NW	E	
Velocity											
Force		2	1	4	2	1	1	1	1	2	
Cloud		8	10	9	4	1	10	5	0	10	

Tetom all the forenoon cleared in aft with change of wind SW, rain at night

Tetom all forenoon cleared in aft.

Cloudy

Thunder sound rain at sunset

Fine Tetom with rain at sunset

Thunder and rain at 8 a.m.

Tetom passing.

much cloud

Fine.

Cloudy

Remarks

16 Days rain

15 lightning

22.8 cor.

33.2 cor

23

76.5 cor

52.9 cor

65.

59.3

4.5

69

inches of rain 5.03

Winds SW 2

W. 4

NW 8

NE 1

E 15

Mean temp 64.7

1883	February	6	7	8	9	10	11	12	13	14
Date	...	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.
Time	...	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
INSTRUMENT.										
Attached Thermometer	...	59	59	63	65	62	63	62	63	67
Barometer463	.366	.366	.323	.296	.248	.278	.426	.480
Dry Bulb	...	60	59.6	66.3	63	65.7	63.5	66	66.9	68.8
Wet Bulb	...	54.3	53.7	61	58	60.1	59	57.8	58.1	62.8
Maximum	...	71	71.4	75.1	81.7	79.4	71.9	72.2	73.1	80
Minimum	...	52.5	45	43.8	57.2	51.3	52.7	49.8	48.8	55.7
Rain	{ Weight Measure	2	0	0	50	155	24	25	24	0
Evaporation	{ Weight Amount									
Direction of Wind	...	E	W	NW	NW	NW	N	NW	NW	E
Velocity	...									
Force	...	3	1	1	3	2	2	1	1	1
Cloud	...	8	1	2	9	7	5	1	1	1
Remarks	...	Fine.	do	Fine and clear T storm at 3 a.m.	Cloudy T storm at 9 p.m. lasting till near morning	Thunder and rain all day	do do	do do	Fine, much cloud	Fine

1883		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	61	61	66	71	70	65	65	64	61
Barometer	564	468	366	303	336	420	448	500	522
Dry Bulb	63	64.1	72	74	66	62.9	62	63.9	62
Wet Bulb	59	51.8	54.4	63.2	64.6	61.1	61	61.4	57
Maximum	81.7	75.8	79.8	82	82.2	71.4	70.5	68	75.7
Minimum	55.6	44.3	52	57.2	64.8	61	59.8	56.3	51.6
Rain									
{ Weight									
{ Measure	0	0	0	0	4	29	15	11	0
Evaporation									
{ Weight									
{ Amount									
Direction of Wind	E	0	W	NW	W	E	N	E	E
Velocity									
Force	2	0	1	3	3	1	0	2	2
Cloud	8	0	1	0	10	10	10	8	3
Remarks	Fine and clear	Cloudless & calm	do do	Fine cloudy at sunset from W	Showery	light showers	do do cleared at sunset	Cloudy	Fine

1883 February

Date	24	25	26	27	28	1	2	3	4
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	63	61	61	65	55	55	56	57
Barometer	497	538	554	506	286	388	556	586	586
Dry Bulb	62.8	63.8	62.6	64.9	62.9	53.9	55	57.9	60
Wet Bulb	58.7	58.2	56.1	58.1	60.8	47.8	50	53.5	51
Maximum	75.6	73.4	74	73.5	78.3	68.9	67	59.6	72.5
Minimum	51	53.8	49	52.4	59.9	40.9	45.5	47.6	45.8
Rain { Weight									
Measure	0	0	9	9	10	21	0	0	0
Evaporation { Weight									
Amount									
Direction of Wind	E	E	E	0	W	W	E	E	E
Velocity									
Force	1	2	2	0	3	2	3	3	3
Cloud	7	3	1	6	10	1	8	2	0

Remarks
 Fine cloud forming toward sunset.
 Fine.
 do
 Fine Shower at sundown
 Raining cleared at sunset
 Fine Cloudy
 Fine
 Fine and clear

February
 Days rain 14
 lightning 7
 Mean diurnal range 21.9 cor.
 Greatest do 30.7 cor
 Mean of max. 75.7 cor
 min. 53.8 cor
 dry bulb 64.2
 wet bulb 58.7
 cloud 4.9
 Humidity 70
 Inches of rain 4.14
 Winds
 W. 4
 NW 9
 N 2
 E 11
 0 2
 Inches of rain since 1st Jan. 9.17
 Mean temp 64.7

March

Date	27	28	1	2	3	4
Time	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.
Attached Thermometer	61	65	55	55	56	57
Barometer	506	286	388	556	586	586
Dry Bulb	64.9	62.9	53.9	55	57.9	60
Wet Bulb	58.1	60.8	47.8	50	53.5	51
Maximum	73.5	78.3	68.9	67	59.6	72.5
Minimum	52.4	59.9	40.9	45.5	47.6	45.8
Rain { Weight						
Measure	9	10	21	0	0	0
Evaporation { Weight						
Amount						
Direction of Wind	0	W	W	E	E	E
Velocity						
Force	0	3	2	3	3	3
Cloud	6	10	1	8	2	0

Remarks
 Fine Shower at sundown
 Raining cleared at sunset
 Fine Cloudy
 Fine
 Fine and clear

Inches of rain since 1st Jan. 9.17
 Mean temp 64.7

1883 March

	5	6	7	8	9	10	11	12	13
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	57	58		58	60	65	60	56	55
Barometer	624	691		650	552	462	384	442	550
Dry Bulb	58.5	61		59.9	65.9	68.1	63.2	57.7	59.3
Wet Bulb	53	56		55.2	56.4	58.2	52.2	47.7	48.5
Maximum	75.2	71.6		73	74.9	76	79.5	72.2	69.5
Minimum	46.8	47.4		46.2	43.1	48.2	41	36.1	35.2
Rain { Weight									
{ Measure	0	0	0	0	0	0	0	0	0
Evaporation... { Weight									
{ Amount									
Direction of Wind	E	E	E	E	W	NW	NW	NW	W
Velocity									
Force	4	2	2	1	1	2	1	1	1
Cloud	1	5	5	6	0	1	0	4	0
Remarks	Fine	do	do	do	do	do Thunder at 3 p.m.	Fine and clear	Fine	Fine & clear

1883	March		14	15	16	17	18	19	20	21	22
Date	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.
Time	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
INSTRUMENT.			Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	57	63	61	60	61	63	64		
Barometer	550	590	685	763	726	620	568		
Dry Bulb	63.8	64	63.6	61	64.2	64.9	65.5		
Wet Bulb	57	58.2	58.4	56	58.3	59.4	60		
Maximum	72.5	75.5	73.7	77	77.3	81.5	81.5		
Minimum	38.8	47.8	51	48	47.5	48.4	50		
Rain	...	{ Weight									
	...	{ Measure	0	0	0	0	0	0	0	10	0
Evaporation	...	{ Weight									
	...	{ Amount									
Direction of Wind	W	E	E	E	E	E	E	E	E
Velocity									
Force	1	1	1	2	1	1	1		
Cloud	0	2	0	0	0	1	7		
Remarks	Fine & clear.	Cloudy Thunder in aft.	Fine	Fine and clear	do do	Fine	Fine Shower in aft	Fine	Fine Thunder in aft

1883 March

Date	23	24	25	26	27	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	61	61	60	59	58	62	57	58	58
Barometer	.705	.738	.743	.740	.700	.660	.638	.686	.683
Dry Bulb	64.3	60.5	61.9	60	61.7	60	57	59.8	61.4
Wet Bulb	57	55.9	56.2	55.9	55.2	57.3	53.1	55.5	56.3
Maximum	78	75.5	72	75	72	77.1	67.6	67.5	71.7
Minimum	45.8	53.8	51	49.2	42.8	54.4	50	49	42.7
Rain { Weight Measure	0	0	0	0	0	0	12	0	0
Evaporation { Weight Amount									
Direction of Wind	E	E	E	E	NW	W	E	E	NW
Velocity									
Force	1	2	2	1	1	1	2	2	1
Cloud	1	3	1	6	1	9	6	1	2

Remarks

3 Days rain
4 lightning
Mean diurnal range 26°.4 cor.
Extremes do 35°.3 do
Mean of max. 73°.2 do
Mean of min. 46°.8 do

Any ball 61°.2
Wet bulb 54°.8
Cloud 2.6
Humidity 64
Inches of rain 0.43
Winds

W. 5
NW 5
E. 21

Inches of rain since 1st Jan. 9.60
Mean temp. 60.0

Cloudy Thunder in aft.
Fine do halo round moon
Cloudy like rain
Fine
Showery in forenoon.
Cloudy.
Fine
Cloudy like rain

1883

Date April

	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	61	59	59	59	60	57	56	57	60
Barometer	.664	.656	.660	.607	.538	.500	.602	.636	.557
Dry Bulb	61.9	61	60	62.1	60.8	55.1	57.1	60.9	56.5
Wet Bulb	58	56.7	56.5	57.1	56.9	53.9	54	54.4	55.3
Maximum	71.2	76.6	72	72.2	72.6	68.8	68	71.1	73
Minimum	47.5	48.2	49.7	45.1	48.9	51	43	43.4	49.4
Rain									
{ Weight									
{ Measure	0	22	0	0	4	12	0	0	10
Evaporation									
{ Weight									
{ Amount									
Direction of Wind	NW	E	E	NW	NW	W	W	NW	NW
Velocity									
Force	1	0	2	1	2	1	0	1	2
Cloud	2	1	8	5	6	4	1	0	10

Remarks	Thunder with rain in aft.	much cloud	Fine	Cloudy in aft. Thunder with little rain at sunset	Showers at noon Thunder do do	Fine	do	do and clear raining at 8 a.m.	Showers in m.p. then cloudy
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1883	Date	19	20	21	22	23	24	25	26	27
	April									
	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	51	54	54	53	52	53	57	54
	Barometer	656	637	495	382	482	488	442	500	586
	Dry Bulb	52	54.5	57	53.9	48.7	48.3	49.1	54.3	52.2
	Wet Bulb	49.6	48.7	50	48	46.4	45.8	48.6	51	49.9
	Maximum	66.5	64.5	69.4	68.2	65.7	49	54.8	56	65.2
	Minimum	41.6	33.2	39.5	37.2	43.6	41	43.7	46.5	43
	Rain									
	{ Weight									
	{ Measure	3+	0	0	0	13	122	3	3	0
	Evaporation									
	{ Weight									
	{ Amount									
	Direction of Wind	E	E	NW	NW	E	W	W	E	E
	Velocity									
	Force	1	1	2	0	3	1	1	1	2
	Cloud	2	0	0	0	10 _{1/2}	2	10	3	1
	Remarks	Fine	do	do	do show in aft. T storm to E at onset rain at night	Raining all day with Thunder	Fine Thunder to SE in aft. Fog in morn.	Very much rain falling all forenoon Cloudy in aft	Fine	do

1883	Date	7	8	9	10	11	12	13	14	15
	May									
	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	59	55	49	45	47	51	52	53	54
	Barometer	.604	.575	.562	.650	.630	.580	.568	.410	.300
	Dry Bulb	54.2	50.7	47.6	42.6	45.5	49.2	49	49	50.7
	Wet Bulb	53.2	49.7	45.2	39.2	42.6	47	48.2	48.1	49.4
	Maximum	68.3	55.4	56	56.8	47.8	53	51.7	54.8	52.5
	Minimum	52	48.7	32.4	33.6	37	41.5	45.2	46.2	42.5
	Rain { Weight									
	Measure	3+	34	7	0	0	0	1	75	7+
	Evaporation { Weight									
	Amount									
	Direction of Wind	N	W	E	SE	SE	E	E	E	NW
	Velocity									
	Force	1	1	1	3	2	4	3	3	2
	Cloud	10	10	1	2	8	10	10	10	8
	Remarks	light rain	do	Fine Cloudy at night	Fine high cold wind	Cloudy high cold wind	weather thick and misty	do do rain at night and mg.	raining in forenoon thick and misty afterwards	Showery

1883	Date	16	17	18	19	20	21	22	23	24
	May									
	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	54	52	48	46	49	50	47	50	45
	Barometer	38.4	42.7	45.4	48.8	48.2	45.6	35.6	45.4	39.5
	Dry Bulb	49	54	42.2	43.8	46	44.2	42.7	46	43
	Wet Bulb	48.5	47.6	41	41.1	43.9	42	41.7	43.5	41.7
	Maximum	53.9	54.2	53.3	52.5	53.8	49.5	44.3	48	54.2
	Minimum	45.7	44.4	38.7	29.6	34.8	37.7	35.7	40	28.4
	Rain { Weight Measure	21	0	23	0	0	0	83	0	0
	Evaporation { Weight Amount									
	Direction of Wind	W	W	W	E	E	E	SE	SE	NW
	Velocity									
	Force	3	2	1	1	3	1	1	1	1
	Cloud	5	10	3	2	7	10	10	9	8
	Remarks	weather clearing	Thunder with rain and hail in forenoon cleared in aft.	Fine	do	do	Cloudy like rain steady rain at night	Cloudy	Fine	Cloudy

1883	Date	25	26	27	28	29	30	31	9 a.m.	9 a.m.
	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	47	44	48	47	49	44		
	Barometer	310	258	370	432	440	436	512		
	Dry Bulb	50	43	38.6	45.6	45.2	44	41.7		
	Wet Bulb	45	39.5	37.6	40.6	41.3	40.3	38.2		
	Maximum	49.7	53	45.7	45.2	51	55	49.2		
	Minimum	40	37.9	34.4	37.5	29.6	36.6	25		
	Rain { Weight Measure	0	15	31	0	0	3	0		
	Evaporation... { Weight Amount									
	Direction of Wind	NW	NW	W	W	NW	W	W		
	Velocity									
	Force	3	4	2	2	2	2	1		
	Cloud	1	2	10	3	0	1	0		

Remarks: 12 2 16.2 cor. 32.3 cor 54.9 cor 38.7 cor
 May. Days rain lightning
 Mean diurnal range
 Greatest do
 Mean of max. min.
 " dry bulb 48°
 " wet bulb 45.1
 " cloud 5
 " Humidity 79
 Inches of rain 3.03
 Winds
 W. 8
 NW. 5
 N 2
 E. 9
 SE. 6
 Inches of rain since 1st Jan } 14.80
 Mean Temp. 46.8

Fine NW gale heavy shower at night
 NW gale rain in aft. with little Thunder very cold rain at night
 Cloudy
 Fine
 Fine shower at night
 Fine and clear.
 Fine

1883	Date <i>June</i>	Tank = 2'. 10"	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		53	44	48	45	47	50	48	48	46
	Barometer		453	498	426	375	416	555	680	774	750
	Dry Bulb		51.8	44	43.9	38	39.5	45	44.2	45.3	43
	Wet Bulb		46	39.1	42.5	36.9	38	43	42.7	43.7	41.3
	Maximum		55.2	55	50	52.9	40.3	47	49.9	52.8	55.4
	Minimum		36.3	27.9	35.7	36.3	34.7	34.4	29.9	32.9	28.3
	Rain	{ Weight									
		{ Measure	2	0	7	1+	2	1+	0	0	0
	Evaporation...	{ Weight									
		{ Amount									
	Direction of Wind		NW	W	W	W	W	SE	E	E	W
	Velocity										
	Force		3	1	2	2	1	1	2	1	0
	Cloud		0	0	7	10	7	6	1	8	0
	Remarks		Cloudless etery wind	Cloudless showers in early mg.	Cloudy wild day with pale frost	much cloud high wind	Fine misty rain at night	Cloudy.	Fine and clear	Fine	Fine and clear

1883.	Date <i>June</i>	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	43	48	48	43	44	48	52	52	55
	Barometer	.658	.722	.870	.792	.708	.716	.731	.676	.686
	Dry Bulb	42.6	43.5	44.1	38	43.5	46.2	50	50.6	52.5
	Wet Bulb	40	41.8	42	33.2	40	44.6	47	46.9	49
	Maximum	55.2	54	53	54.4	49.7	54.5	49.8	55.2	57.7
	Minimum	25.7	33.2	35	24.4	24.8	28.2	38.7	41.2	41
	Rain { Weight									
	Measure	0	0	3	0	0	0	0	0	0
	Evaporation... { Weight									
	Amount									
	Direction of Wind	W	E	E	W	NW	NW	NW	NW	NW
	Velocity									
	Force	0	2	3	0	1	2	2	3	1
	Cloud	0	7	1	1	3	7	3	1	0
	Remarks	<i>Fine and clear aurora seen by many at about 9.30 a.m. hearing west and explosion heard</i>	<i>Fine</i>	<i>Cloudless & calm</i>	<i>Fine cirrus forming</i>	<i>Fine</i>	<i>Fine</i>	<i>Cloudy.</i>	<i>Fine</i>	<i>Fine clear after sunset</i>

1883	Date <i>June</i>	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		55	52	50	44	53	48	44	45	47
Barometer		.668	.604	.496	.464	.439	.574	.720	.742	.692
Dry Bulb		50.5	49	46	41.9	55	43.2	41	46.8	45
Wet Bulb		47.7	46.8	44	40	47.7	40.9	37	42.8	44
Maximum		59	54.3	55.1	45.9	56	63.4	52.1	55.8	52.7
Minimum		41.1	36	35.8	28.8	35.9	35.8	24.3	26	29.4
Rain { Weight										
Measure		11 -	2 +	0	9	0	9	0	0	0
Evaporation... { Weight										
Amount										
Direction of Wind		NW	NW	NW	W	NW	W	W	W	W
Velocity										
Force		1	1	1	0	2	2	0	1	0
Cloud		5	4	10	0	1	0	0	0	2
Remarks		Cloudy shower in aft.	Fine	Cloudy and stormy	Fine	do	Cloudless	do	Fine	Fine

1883	Date	June 28	29	30	July 1	2	3	4	5	6
	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	41	43	43	49	50	53	48	42	48
	Barometer	.690	.668	.706	.764	.736	.578	.539	.578	.704
	Dry Bulb	34.3	47	43.7	50	50	48.4	42.5	40	45.3
	Wet Bulb	30.6	40.8	36	46.9	46.8	46	41	35	43.9
	Maximum	53.6	49	55.7	47.4	55.2	52.3	56.9	43.7	52.3
	Minimum	19.8	23.3	23.6	29.4	32.8	40.7	34.2	23.6	32.1
	Rain { Weight Measure	0	0	0	0	0	0	3	0	0
	Evaporation { Weight Amount									
	Direction of Wind	W	NW	W	NW	NW	NW	SW	SE	E
	Velocity									
	Force	0	1	0	1	1	1	1	1	3
	Cloud	0	0	0	1	1	5	8	0	6
		Cloudless	do	do	Fine	do	do shower in forenoon	do	do	do and clear
	Remarks	10 0 20.8 cor. 33.0 cor 53.0 cor 32.2 cor 45. 41.9 2.8 Humidity 76 Inches of rain 0.47 Winds W. 14			NW 11 E 4 SE 1 Inches of rain since 1st Jan } 15.27 Mean temp 42.6					

June

Days rain
(lightning)

Mean diurnal range
greatest do
Mean of max.
min.
dry bulb

wet bulb
cloud

Humidity 76
Inches of rain 0.47

Winds W. 14

NW 11
E 4
SE 1

Inches of rain since 1st Jan } 15.27

Mean temp 42.6

1883	Date	7	8	9	10	11	12	13	14	15
	July	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.
	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	44	47	45	40	43	47	46	44	41
	Barometer	.650	.490	.240	.402	.504	.580	.532	.568	.660
	Dry Bulb	45	46.1	36.7	31.9	34.8	39	45	40.7	41
	Wet Bulb	41.7	41.9	33	30	33.7	37.4	39	35	36
	Maximum	51.4	49.5	46.2	32.5	35.6	38.3	40.2	37.3	37.1
	Minimum	25.1	27.8	33.8	28.4	30.8	30.8	26.3	24	20.7
	Rain { Weight	0	0	0	0	0	0	0	0	0
	{ Measure									
	Evaporation { Weight									
	{ Amount									
	Direction of Wind	NW	NW	W	SW	W	W	W	W	W
	Velocity									
	Force	2	2	3	3	1	1	2	1	0
	Cloud	0	0	8	7	10	0	0	0	0
	Remarks	Fine	do	Cloudy with strong gale	Fine gale moderating	Fine cleared at midday to fine	Cloudless	do	do	do

1883	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		42	47	47	45	47	44	48	49	45
	Barometer		.631	.530	.446	.458	.600	.624	.454	.450	.556
	Dry Bulb		43	45.7	42.7	39	42	40.1	37	39.9	41.4
	Wet Bulb		37	38.7	36.2	37	39	38	36.1	37.8	38.8
	Maximum		39.2	44.4	40.4	37.9	41	38.8	36	38.7	39.2
	Minimum		23.3	29.6	28.9	24.8	34.9	31.1	32.8	32.7	33.1
	Rain	{ Weight	0	0	0	0	0	0	51	16	0
		{ Measure									
	Evaporation	{ Weight									
		{ Amount									
	Direction of Wind		NW	W	W	E	E	E	SE	SE	E
	Velocity										
	Force		1	2	1	2	3	2	1	1	3
	Cloud		0	3	1	6	7	6	10	9	1
	Remarks		do	Fine	do	upper current W little snow in ny. Fine	Fine and clear	Cloudy rain at 6 p.m. with showers through night snow in ny	showing light rain all day	cloudy	fine

1883	Date	25	26	27	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	40	51	44		41	46	49		
	Barometer	584	432	410		594	717	742		
	Dry Bulb	38.8	48	43.1		36	43	45		
	Wet Bulb	32	45.8	37.7		31.8	39.8	42.8		
	Maximum	32.8	47.5	53.2	48.5	44.4	48.8	51		
	Minimum	20.8	31	29.8	31	22.8	32	32.2		
	Rain { Weight									
	Measure	0	0	0	0	0	0	0		
	Evaporation { Weight									
	Amount									
	Direction of Wind	NW	NW	NW	W	SE	E	E		
	Velocity									
	Force	1	3	3	3	1	2	2		
	Cloud	0	9	0	0	0	8	7		

Remarks ...

July

Days rain 3
lightning 0

Mean diurnal range 13.6 mm
greatest do 25.5 mm
Mean of max 43.6 mm
min. 30.0 mm

dry bulb 42°
wet bulb 38.5

cloud 3.6
Humidity 73

Inches of rain 0.70

Winds SW 2
W 9
NW 9
E 7
SE 4

Inches of rain }
since 1st Jan } 15.97

Mean temp - 36.8



1883 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	49	46	46	46	52	48	46	45	52
Barometer ... ..	.758	.730	.668	.591	.552	.674	.722	.698	.670
Dry Bulb	44.7	43.2	43.7	46.7	48	48	49.8	46	49.9
Wet Bulb	42.5	41.4	40.8	44	47	42.6	43.3	42.4	45.8
Maximum	58.2	55	57	57.7	52.6	55.2	59	59.5	59.8
Minimum	36.8	27.7	26	29.5	43.1	26.7	27.2	26	35
Rain { Weight	0	0	0	0	4	0	0	0	0
... .. { Measure									
Evaporation { Weight									
... .. { Amount									
Direction of Wind	E	E	E	NW	NW	NW	NW	E	NW
Velocity									
Force	2	0	1	1	3	2	1	1	2
Cloud	7	0	0	6	10	0	0	0	1
Remarks	Fine	do	do	Cloudy like rain showing in early mg.	Fine	Cloudless	do and calm	Fine cloudy in aft upper current NW	Fine cloudy in aft like rain

August
1883

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	52	53	49	46	42	46	45	48	55
Barometer	612	534	447	454	668	678	704	672	590
Dry Bulb	47.8	52	44	39.5	36	40.7	48.1	51	59
Wet Bulb	45.8	48.8	41.5	37	32.1	37.6	42	42.6	47
Maximum	59.4	59.3	60	54.3	44	50.5	57	62	62.8
Minimum	33.9	34.8	36.7	36	24.7	28.7	24.6	30.3	41
Rain { Weight									
Measure	10	0	47	8	6	0	0	0	0
Evaporation... { Weight									
Amount									
Direction of Wind	NW	NW	W	W	SW	W	W	NW	NW
Velocity									
Force	0	3	2	3	1	1	1	1	2
Cloud	0	7	2	3	0	0	0	0	0
Remarks	Fine and clear	Cloudy with side of wind rain at midnight	Fine	Showers of sleet and snow all day from heavy cumuli	Cloudless	do	do	do	do

1883 August

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	59	58	58	46	43	43	42	45	50
Barometer	534	482	512	570	564	586	652	630	618
Dry Bulb	58.8	57	49.6	41	39.2	41.5	44	48.2	48.6
Wet Bulb	50	51.5	48.5	39.5	37.2	37.9	36.6	40	45
Maximum	66.7	68.5	63	50.5	49.5	55	53.6	56.7	57.9
Minimum	46.5	48.8	47.1	36.8	32.6	25.6	23.3	25	29.8
Rain { Weight									
{ Measure	0	0	57	41	0	0	0	0	0
Evaporation... { Weight									
{ Amount									
Direction of Wind	NW	NW	W?	E	E	E	E	W	NW
Velocity									
Force	2	3	0	3	2	0	1	1	2
Cloud	5	1	10	9	6	0	0	0	6

Remarks ...

Cloudy with cirrus

Cloudy like rain rained from midnight all mg.

rained all day

Cloudy.

Fine

Cloudless

do

Fine and clear little cloud forming in aft

Cloudy with cumuli and rimbos rain at 9 pm

1883 August

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

28 29 30
 9 a.m. 9 a.m. 9 a.m.
 Reading. Reading. Reading.
 53 49 46
 .536 .473 .473
 48 44.1 46.7
 46.1 41.6 41.2
 61 56 54.2
 42.4 32.2 26.7
 6 4 0
 W SE ~~SE~~
 1 1 1
 10 2 1

Fine few light showers
 Fine
 Fine shows after sunset
 Cloudy rain began at sunset
 Fine do
 Cloudy and threatening
 Thunder to SW many times during day
 Fine heavy gale
 Cloudy cold
 10 0
 23.5 cor.
 32.7 cor
 57.0 cor
 33.5 cor
 46.8
 42.6
 3.1
 71
 1.85
 dry bulb
 wet bulb
 cloud
 Humidity
 Inches of rain
 Winds SW 1
 W 8
 NW 13
 E 8
 SE 1
 since 1st Jan. } 17.82

August.
 Days rain
 lightning
 Mean diurnal range
 Greatest do.
 Mean of max.
 " min.
 10
 0
 23.5 cor.
 32.7 cor
 57.0 cor
 33.5 cor
 46.8
 42.6
 3.1
 71
 1.85
 dry bulb
 wet bulb
 cloud
 Humidity
 Inches of rain
 Winds SW 1
 W 8
 NW 13
 E 8
 SE 1
 since 1st Jan. } 17.82

September.

31 2 3 4 5
 9 a.m. 9 a.m. 9 a.m. 9 a.m. 9 a.m.
 Reading. Reading. Reading. Reading. Reading.
 50 48 47 58 49 44
 .376 .236 .362 .280 .244 .306
 46.8 44 43.1 59.1 44.1 40.8
 42 40.5 38.6 50.6 36.5 35.5
 58.6 57 53.8 59.6 64.4 50.5
 33.4 39 27.9 42 38 31.7
 2 13 0 1 0 0
 NW W SW NW NW W
 1 3 1 3 3 3
 10 7 3 9 2 2

Cloudy rain began at sunset
 Fine do
 Cloudy and threatening
 Thunder to SW many times during day
 Fine heavy gale
 Cloudy cold
 2 13 0 1 0 0
 NW W SW NW NW W
 1 3 1 3 3 3
 10 7 3 9 2 2
 Cloudy rain began at sunset
 Fine do
 Cloudy and threatening
 Thunder to SW many times during day
 Fine heavy gale
 Cloudy cold
 2 13 0 1 0 0
 NW W SW NW NW W
 1 3 1 3 3 3
 10 7 3 9 2 2
 Cloudy rain began at sunset
 Fine do
 Cloudy and threatening
 Thunder to SW many times during day
 Fine heavy gale
 Cloudy cold
 2 13 0 1 0 0
 NW W SW NW NW W
 1 3 1 3 3 3
 10 7 3 9 2 2

MT 45.2

1883 *September*

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									
Barometer		41	43	43	47	54	55	44	49
Dry Bulb		47.8	54.2	64.0	60.6	57.6	38.3	29.8	42.0
Wet Bulb	36	42	43	45	50	52.8	52	41.2	42.2
Maximum	34	36.3	37.1	38.1	43.1	46.9	46	37	40.2
Minimum	52	54	55	55.7	60	62.8	63.7	52	48.4
	32	21.8	22.8	22	25.1	38	45.8	32	38.7
Rain { Weight									
{ Measure	0	0	0	0	0	0	20	55	5
Evaporation... { Weight									
{ Amount									
Direction of Wind	W	W	SW	SW	NW	NW	NW	NW	W
Velocity									
Force	2	1	1	1	2	2	3	4	1
Cloud	6	0	0	0	0	6	9	4	10
Remarks	Fine	Fine and clear	do do	do do	Fine blue haze	Fine rain at night	Total cloud formed by rain at night till 4 p.m.	weather thick and boisterous with little rain	cloud to fine

1883 September

Date

Time

INSTRUMENT.

Attached Thermometer

Barometer

Dry Bulb

Wet Bulb

Maximum

Minimum

Rain { Weight
Measure

Evaporation { Weight
Amount

Direction of Wind

Velocity

Force

Cloud

Remarks

September

Days rain

lightning

Mean Annual Range

Greatest do

Mean of max.

min.

dry bulb

wet bulb

Cloud

Humidity

Inches of rain

Winds

11 7 24.7 cor.
35.3 cor.
60.1 cor.
35.4 cor.
49.2
43.8
3.5
65
2.37
SW. 2

Tetom at 4 pm with rain

Thunder round in aft.

Thunder round Tetom with rain 8.30 pm

Thundering all day with light rain

Cloudy

Fine

do

Fine

do Thunder EN in aft

W. 11
NW 13
E 2
SE 2
Inches of rain } 20.19 since 1st Jan
Mean temp 47.8

October

27 28 29 30 Tank I II 2

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

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

57 49 46 46 51 52

480 396 618 724 758 749

58 46.5 44.2 46.2 53 55

54 42.9 41 43 47 47

68.5 62.8 51.4 57.5 61.8 65.5

43 32.1 34.7 34.8 34.7 32.3

15 24 2 0 0 0

Direction of Wind

Velocity

Force

Cloud

Remarks

W. 11
NW 13
E 2
SE 2
Inches of rain } 20.19 since 1st Jan
Mean temp 47.8

1883 *October*

Date

Time

INSTRUMENT.

Attached Thermometer

Barometer

Dry Bulb

Wet Bulb

Maximum

Minimum

Rain

Evaporation

Direction of Wind

Velocity

Force

Cloud

Remarks

	3	4	5	6	7	8	9	10	11
	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.
	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	52	53	57	57	52	49	50	52	53
Barometer	706	616	554	440	508	598	550	514	632
Dry Bulb	55	58.1	58	54.2	47.5	50.7	51.5	52.5	53.4
Wet Bulb	47.7	49.5	49.9	51	43.2	43.8	42.6	43.5	48.3
Maximum	66.5	68	68.6	60.2	57.8	59.9	62.2	62.8	65.7
Minimum	33.7	35.2	46.7	46	42	30.1	31.5	35	34.5
Rain { Weight									
Measure	0	7	0	2+	34	0	0	0	0
Evaporation { Weight									
Amount									
Direction of Wind	NW	NW	NW	NW	W	W	W	W	W
Velocity									
Force	1	1	2	3	1	1	1	2	0
Cloud	0	2	8	10	4	5	1	0	4
Remarks	Thunder in aft with little rain	Cloudy	do	light rain heavy after sunset	Fine	Fine	do	do	do

1883	October	12	13	14	15	16	17	18	19	20
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		55	57	56	57	56	58	63	62	62
Barometer		.698	.692	.704	.620	.560	.616	.600	.654	.610
Dry Bulb		57	54	54.4	54	55	62.1	67.9	65	64.8
Wet Bulb		51.2	52.8	53.5	51.2	52	54.6	57	58	59.5
Maximum		68	70.1	55	63.3	59	68.1	74	77.2	76.5
Minimum		40.8	49	48.6	47.2	49.4	40	46	49	51.4
Rain	{ Weight									
	{ Measure	0	15	99	14	34	0	0	7	51
Evaporation	{ Weight									
	{ Amount									
Direction of Wind		NW	NW	NW	NW	NW	NW	NW	NW	NW
Velocity										
Force		1	0	0	3	2	2	3	1	2
Cloud		5	10	10	10	9	1	0	0	0
Remarks		Fine much cloud rain at 6 a.m.	Raining all day upper current NW E below	thick and drizzly	cloudy heavy rain in aft.	Fine	do	T storm in aft with little rain again at night	heavy T storms aft & night with heavy rain and wind	Fine

1883 *October* Date 21 22 23 24 25 26 27 28 29

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.
	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	64	57	57	59	63	64	61	55	47
Barometer ... ..	.544	.533	.578	.542	.480	.446	.338	.250	.410
Dry Bulb	67.8	56.5	58.7	62.5	64.1	63	57	50.3	44.9
Wet Bulb	60	51.8	52.1	55.6	57.8	59.7	56	42.9	40.5
Maximum	76	76.1	67.4	73.2	75.3	78.8	75.4	67	60.2
Minimum	50	50.7	38.9	42.4	52.6	53.2	52.8	47.7	36.8
Rain { Weight									
{ Measure	0	50	0	0	0	9	74	89	0
Evaporation... { Weight									
{ Amount									
Direction of Wind	NW	W	E	NW	NW	NW	NW	W	W
Velocity									
Force	3	1	2	2	2	1	3	2	2
Cloud	1	2	0	0	2	7	10	10	3

Remarks
 T storm with heavy rain in aft.
 Fine
 do
 do
 Thunder all aft to SW and S again at night with showers
 much Thunder in aft with heavy rain - heavy rain all mg. from W
 Cloudy heavy Thunder showers in aft and at night
 Cloudy weather clearing
 Fine

October		30	31	1
1883	Date			
	Time	9 a.m.	9 a.m.	9 a.m.
	INSTRUMENT.	Reading.	Reading.	Reading.
	Attached Thermometer	53	53	54
	Barometer	47.2	45.6	43.2
	Dry Bulb	55.2	53.5	55.9
	Wet Bulb	47.6	45.7	47.3
	Maximum	60	66	67.2
	Minimum	37.5	33.8	35
	Rain { Weight			
	Measure	0	0	0
	Evaporation { Weight			
	Amount			
	Direction of Wind	W	W	W
	Velocity			
	Force	1	0	1
	Cloud	0	0	0
	Remarks	Fine	do	do

October.
 Days rain 13
 lightning 8
 Mean diurnal range 23.9 cor.
 Greatest do 32.4 cor
 Mean of max. 67.1 cor
 min 43.2 cor
 Dry bulb 56.7
 Wet bulb 50.7
 Cloud 3.7
 Humidity 65
 Inches of rain 4.85
 Winds W. 10

November		3	4	5	6	7
	Date					
	Time	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
	INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.
	Attached Thermometer	53	54	58	60	64
	Barometer	55.4	63.0	57.6	55.8	64.8
	Dry Bulb	54	55.7	57	58.1	62.5
	Wet Bulb	48.8	50.1	52.8	54.3	57.2
	Maximum	69.4	67.3	73.7	69.7	75
	Minimum	39	42.1	46.8	49	42.7
	Rain { Weight					
	Measure	0	0	0	0	0
	Evaporation { Weight					
	Amount					
	Direction of Wind	E	E	NW	NW	NW
	Velocity					
	Force	3	1	1	0	2
	Cloud	1	0	9	9	2
	Remarks	do	do	Cloudy like rain Thunder S.W	Fine	do

Tank = 3.9
 NW 18
 E 3
 Inches of rain 25.04
 since 1st Jan }
 Mean temp. 55.2
 T storms in aft with rain

1893 November

Date	8	9	10	11	12	13	14	15	16
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	63	63	65	63	50	55	62	56	52
Barometer	.600	.507	.358	.214	.198	.330	.253	.318	.464
Dry Bulb	63.1	64.8	67.6	62	49.8	58.2	62.3	54.8	52.8
Wet Bulb	57.8	59	61.1	57.5	43	47	57	47.6	43.6
Maximum	81	75	79.1	75.3	72	65	71.8	74.3	66.6
Minimum	52.1	51.5	57.8	54.2	37.6	38.4	54.6	46	32.6
Rain { Weight Measure	38	99	11	127	0	0	3	0	0
Evaporation { Weight Amount									
Direction of Wind	NW	NW	NW	W	W	W	NW	W	W
Velocity									
Force	1	3	3	3	2	2	3	3	1
Cloud	8	0	4	4	0	0	2	0	0
Remarks	Tetorm 3 p m till mid night with heavy rain at night	Cloudy Tetorm after sunset	gale all day Tetorm with heavy rain after sunset	gale all day with clouds	Fine	Fine bank of clouds from W in aft heavy rain after sunset	Fine	do	do

Table 5-7

1883 November

Date	17	18	19	20	21	22	23	24	25
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	54	54	56	60	57	60	60	61	64
Barometer	.586	.624	.654	.652	.688	.702	.742	.740	.675
Dry Bulb	54.9	56	58.8	61	59.2	63.6	66	64.9	67.8
Wet Bulb	50.3	52	53.3	54.4	51.2	51.5	53	54.3	57
Maximum	69.8	71.6	70.9	69.6	71.2	75.4	78.8	78.2	82.1
Minimum	42	42	44.4	45.5	40	39.1	37	39.5	46.5
Rain { Weight									
Measure	0	0	0	4	1	0	0	0	0
Evaporation... { Weight									
Amount									
Direction of Wind	E	E	W	W	E	E	E	E	W
Velocity									
Force	1	0	1	1	1	1	1	1	2
Cloud	9	6	6	2	1	0	0	0	0
Remarks	do	do Thunder in aft with few drops of rain	do show at night	Cloudy shower in aft	Fine	do	do	do	do

1883 November

Date	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13
Time	9 a.m.		9 a.m.		9 a.m.	Tank 11:7	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	65	68		63	62	61	64	65	65	65	65	69	64	62	62	73	73
Barometer	593	554	576		624	634	618	566	586	508	486	420	384	328	430	430	388	326
Dry Bulb	71.7	69.7	71		63	64.2	63.2	66	68	61.3	65	71	74	63.5	64.2	70.8	76.5	75
Wet Bulb	59.4	61	62.1		59.8	59.8	58.2	59.6	60.5	58.8	60.3	64	64.8	52.8	57.5	55	61.5	61.2
Maximum	83.8	83.7	83.4	88	82	78.3	80.7	78.8	78.5	83	77.5	74.2	84	84.5	79.5	79.8	84.5	88
Minimum	56	51.4	54.8	56	55.9	48.4	47.1	48.7	53.5	55.8	57	55	61.2	47.2	65	44.2	62.8	66
Rain	0	33	12	0	21	0	16	0	6	164	1	50	0	17	0	0	0	4
Evaporation																		
Direction of Wind	W	W	NW	NW	E	E	E	W	W	W	W	NW	W	W	W	N	NW	W
Velocity																		
Force	1	1	1	1	1	1	0	1										
Cloud	4	6	4	1	8	5	1	5	3	10	10	5	5	0	0	0	9	10

Cloudy Thunder with rain in aft.
Thunder in aft. with rain at 9 p.m.
Fine Thunder in aft. very heavy hail in aft. to N
Fine Thunder in aft. rain at night
Cloudy Thunder to N in aft.
Cloudy Thunder at midday and aft. shower in aft.
Fine Thunder with shower in aft.
T. storm Thunder no rain
T. storm
T. storm
Some cool here
Fine here warm
Fine cool
Very warm
T. storm
Very warm

Remarks
 10 Days rain
 11 lightning
 Mean diurnal range 28.2 con.
 Greatest dr 41.0 con
 Mean of max. 74.7 con.
 min. 46.5 con
 dry bulb 61.2
 wet bulb 53.9
 Cloud 2.9
 Humidity 60
 Inches of rain 3.49
 Winds W 12
 NW 9
 E 9
 Inches of rain since 1st Jan } 28.53
 Mean Temp 60.6

December

Date	2	3	4	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.	
INSTRUMENT.	Reading.		Reading.		Reading.		Reading.		Reading.		Reading.	
Attached Thermometer	61	64	65	65	65	65	69	64	62	62	73	73
Barometer	618	566	586	508	486	420	384	328	430	430	388	326
Dry Bulb	63.2	66	68	61.3	65	71	74	63.5	64.2	70.8	76.5	75
Wet Bulb	58.2	59.6	60.5	58.8	60.3	64	64.8	52.8	57.5	55	61.5	61.2
Maximum	80.7	78.8	78.5	83	77.5	74.2	84	84.5	79.5	79.8	84.5	88
Minimum	47.1	48.7	53.5	55.8	57	55	61.2	47.2	65	44.2	62.8	66
Rain	16	0	6	164	1	50	0	17	0	0	0	4
Evaporation												
Direction of Wind	E	W	W	W	W	NW	W	W	W	N	NW	W
Velocity												
Force	0	1										
Cloud	1	5	3	10	10	5	5	0	0	0	9	10

1883.	December	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	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.	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.		Reading.		Reading.			Reading.
	Attached Thermometer	72	63	63	67	67	67	41	68	41	73	65	58	56	60	59	61	68	70
	Barometer	428	486	534	430	350	368	226	292	362	390	336	426	478	524	574	594	658	688
	Dry Bulb	68.8	64	67.5	66	66.8	68.5	77	78.2	77	75.5	65	57	58	62.8	62	65	73	75.9
	Wet Bulb	55	51	57	59.8	58.8	59.4	55.5	56.2	65.5	62.8	53.1	50.5	50	53.6	53	55.8	57.8	60
	Maximum	84.2	82	79.5	81.8	85	83.5	85.5	94	94.8	95.6	90	80.5	69	75.4	75	82.3	90.2	91.8
	Minimum	4.8	45.5	44.8	50	51	48.2	51	44.5	48.8	62	46.8	44.7	42.6	46.5	47.6	42.1	46.5	53.4
	Rain																		
	{ Weight																		
	{ Measure	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0
	Evaporation...																		
	{ Weight																		
	{ Amount																		
	Direction of Wind	W	S	W	W	E	W	W	W	W	W	W	E	E	E	E	E	W	W
	Velocity																		
	Force											1	2	3	2	2	2	0	1
	Cloud	0	0	1	5	0	1	0	0	1	1	0	4	1	0	0	0	0	0

Remarks

Days rain - - - 8

lightning - - - 11

Mean diurnal range 31.3 cor.

Extreme do 21st 48.7 cor.

Mean of max. 82.7 cor

min. 51.4 cor

dry bulb 68.1

wet bulb 57.5

cloud 2.5

Humidity 51

Inches of rain 2.75

Winds S. 1

W. 20

NW. 2

E 8

Inches of rain } 31.28

since 1st Jan }

Fine cool & cool

Fine cool

Fine cool

Stormy W. wind dust storm

Thunder bolt heard in aft

Fine Thunder to S at 11 p.m

Cloudy Th. in aft

Fine do

do

do

do

do

Tr in aft

