METEOROLOGICAL OBSERVING BOOK

For the Year 1882.

Memo

All observations taken during 1882
are to be included in this book

Corrections.

max. $-0^{\circ}.2$

min. $+0^{\circ}.6$

1882. Date January ...

Time	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.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	68	68	66	67	68	69	62	66	71
Barometer ... ... 26.	·437	·380	·474	·556	·520	·574	·694	·645	·570
Dry Bulb	72.9	71·1	67	69·8	68·8	71	65	71·1	74·8
Wet Bulb	57	51·9	55·4	60	63·2	62.2	57·4	61·6	63
Maximum	82.8	83·1	83	82.4	82·9	82·8	82.2	82·5	82.8
Minimum	49·7	46	44·1	53	60·1	52·9	50·5	49·1	60·7
Rain... ... { Weight									
Rain... ... { Measure	0	0	0	0	3	0	0	0	0
Evaporation.. { Weight									
Evaporation.. { Amount									
Direction of Wind	NW	W	NW	NW	NW	E	W	W	NW
Velocity									
Force	2	2	1	3	2	2	2	1	2
Cloud	1	0	1	7	4	0	1	0	0
Remarks	Fine and clear	Cloudless stormy breeze	Cloudless & calm hazy. SE night of 2nd	Cloudy Thunder with light showers a/t.	Fine much cumulus Thunder round in aft.	Fine and clear	Fine much cumulus. wind S at night W in day	Fine much cumulus.	much cumulus T storm in a/t with little rain - like more

1st Tank = 11 in. —

January

1882 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	71	74	75	73	65	71	67	68	68
Barometer	·534	·470	·438	·480	·508	·435	·442	·536	·602
Dry Bulb	75	74·8	75·8	74·1	70	71·5	70	69	70·4
Wet Bulb	64	64	64·6	66·2	64	64	60·5	64·8	63
Maximum	92	94 92	94·3	90·7	82·7	92	82	91·9	91
Minimum	57·8	65	66·8	63·5	55·3	64·2	51·7	56	57·1
Rain... Weight									
Rain... Measure	10	0	0	0	0	0	8	26-	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	NW	NW	W	E	W	NW	W	E	E
Velocity									
Force	3	3	3	2	1	2	1	1	2
Cloud	0	0	3	3	7	10	0	3	1
Remarks	Thunder all round in aft with few drops of rain	Fine	Fine	~~much haze~~ thick haze all day with strong E wind NW cumulo over head	Fine. Tetorm at 11 p.m. and round all night	Thunder all round Tetorm at 6 p.m. with little rain from SE	Fine Tetorm with rain from SE at 7 pm	Fine Thunder round in aft.	Fine Thunder heard in aft. blew hard at night from E.

Date	January 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	64	70	77	81	81	78	72	69	74
Barometer	.530	.412	.370	.456	.534	.528	.528	.504	.484
Dry Bulb	66.2	72.9	80	86.8	83.1	82	72.1	69.8	76.3
Wet Bulb	56.7	61	62.6	66.5	70.2	67	69	67.5	68
Maximum	82.5	83.3	92.1	101 92.	98 92	101 92.1	98 91.6	83.1	83
Minimum	48	57	64.7	69.6	72.1	65	64.3	62.3	64.3
Rain... Weight									
Rain... Measure									
Evaporation.. Weight									
Evaporation.. Amount	0	0	0	0	0	6	7	68	0
Direction of Wind	E	W	W	NW	NW	W	E	W	NW
Velocity									
Force	1	2	2	2	2	2	2	1	2
Cloud	0	1	1	2	4	1	10	4	3
Remarks	Cloudless calm	Fine	Fine	Fine much haze.	much cloud Tstorm in aft. with light ~~rain~~ rain.	Fine Thunder in aft. with light rain	Tstorm with heavy rain in aft. from W	Fine Thunder in aft. incessant lightning at night.	Thunder in aft all round

January						February			
Date	28	29	30	31		1st	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	73	76	73	69	January.	55	57	59	64
Barometer	·540	·588	·516	·455		·618	·639	·612	·574
Dry Bulb	76.	79·1	74	67·8	Dys rain. 8	54·2	63	59·3	66·3
Wet Bulb	65.	66	67	64·2	lgtng 16	50·7	56	55·8	60
Maximum	92.	92	91·8	83	Mn Diur. range 27°·5 corr	82·8	71·1	70·7	76
Minimum	60.	63	65·3	65·6		47·9	44	52·2	53·3
Rain... ... Weight					Gtot: diur. 3d r. 38°·1 corr				
Rain... ... Measure	3	0	0	0	Max. 87°·0 corr	11	0	0	0
Evaporation. . Weight					Min. 59°·5 corr				
Evaporation. . Amount					dry. 73°·2				
Direction of Wind	W	NW	NW	NW	wet 63°·1	E	E	E	NE
Velocity					cloud. 2·6				
Force	1	2	3	2	Hum. 54	4	3	2	1
Cloud	0	1	2	10	Rain 1·31 in.	10	8	10	5
Remarks	Fine.	Thunder in aft. all round.	strong wind and much cloud from NW	Cloudy Thunder in aft. with light rain - strong E wind all night with great fall of temperature	Winds W. 11 NW 14 E. 6 Mean temp 73.3	Cloudy high E wind and very cold	Cloudy	Cloudy like rain	Fine halo round moon very large and distinct

February

1882

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	67	69	64	60	57	61	62	60	58
Barometer	·575	·554	·485	·550	·670	·612	·564	·616	·666
Dry Bulb	69·1	68·6	60·7	58	56	58·5	61	60	58·8
Wet Bulb	61·9	62	60	57	55	56·1	57·1	56·2	50·8
Maximum	82·9	82·8	82·5	63·7	63·7	58·8	72·3	75·6	72·6
Minimum	57	62·6	58	54·8	51·7	52	51	51	49·2
Rain... Weight									
Rain... Measure	0	0	218	114	29	35	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	N	N	E	SE	E	E	E	E	E
Velocity									
Force	1	1	2	4	3	3	2	2	2
Cloud	6	10	10	10	10	9	5	10	7
Remarks	Overcast and calm	Cloudy rain at 4 p.m. till	till 9 p.m. hitherto intermission after hot drizzle	high wind and misty rain all day	light rain all day.	weather clearing - much cloud	Fine.	Fine.	Fine

1882 February Date	14	15	16	17	18	19	20	21	22
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	60	62	66	69	69	69	63	63	62
Barometer	·634	·658	·593	·524	·480	·554	·610	·612	·640
Dry Bulb	63	62	69	75·7	73	70·8	64·9	65·6	63·7
Wet Bulb	58	57·4	59·8	61	61·1	64	61·6	62·3	58·8
Maximum	75	78·3	79	83	83	82·7	82·1	78	79·6
Minimum	51·4	53·5	51·8	58	57	59·1	54·8	56·3	48·5
Rain... Weight									
Rain... Measure	0	0	0	0	7	0	60	3	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	E	E	NW	W	NW	E	E	E	E
Velocity									
Force	2	3	2	3	2	3	2	1	1
Cloud	1	8	0	3	0	1	2	6	0
Remarks	Fine few detached clouds	Fine. clouds in forenoon.	Fine and clear	much Thunder in a/f. with little rain.	Fine and clear	Thunder with heavy shower of hail and rain at 2 p.m.	Thunder in a/f. with few drops of rain.	Fine few clouds	Fine few small clouds

1882 February Date	23	24	25	26	27	28	March 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. Tank = 3'	Reading.	Reading.
Attached Thermometer	65	63	61	63	63	69	70	71	70
Barometer	·668	·696	·647	·543	·530	·625	·596	·495	·490
Dry Bulb	68	63·7	64	65·9	66·6	72·2	74	72·3	72
Wet Bulb	59·8	59	58	59·1	59·2	64·7	64	63·6	64·7
Maximum	80·1	83·1	73·3	76	79·1	82·8	82·6	82·9	83
Minimum	49·2	53·8	53·5	50·4	48·8	56·6	59·1	56·3	56·1
Rain... Weight									
Rain... Measure	0	0	1	0	0	0	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	E	E	E	E	W	W	NW	NW	NW
Velocity									
Force	1	3	3	2	1	1	1	1	1
Cloud	1	9	6	0	1	3	0	0	0
Remarks	Fine wind S in mg. changing to E.	Cloudy from E with drizzle	Fine	Fine and clear	Fine and clear	Cloud forming Thunder after sunset	Fine and clear	Fine few small clouds	Fine. small clouds
Mean of max.	76°.6 corr	58°.7							
" min	53°.7 corr	5.4							
" dry bulb	64°.3	69							
" wet bulb									
" cloud									
" Humidity									
Inches of rain	4.78								
Winds				W. 3 NW. 2 N. 2	NE 1 E 19 SE 1				
Rain since 1st Jan. 6.09 in.									
Mean temp. 65.2									

February

Days rain - 9
Days lightning - 4
Mean diurnal range 22°.9 corr
Greatest do 1st 34°.1 corr

1882 Date March	4	5	6	7	8	9	10	11	12
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	67	59	59	63	62	62	59	60
Barometer	·522	·532	·491	·450	·439	·448	·452	·418	·434
Dry Bulb	71·3	68·9	60	60·5	62·4	63	63·6	62·9	65·5
Wet Bulb	64·8	63·9	56·5	55·4	60·7	59·1	58·1	53	53·2
Maximum	82·7	82·8	79·2	76·3	81·5	73	70·9	78	82·3
Minimum	56·5	57	52·3	48·8	55·7	57·7	53·6	39·7	41·9
Rain... Weight									
Rain... Measure	0	0	17	0	0	0	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	NW	E	E	SE	SE	E	SE	E	E
Velocity									
Force	3	1	2	2	3	3	3	0	1
Cloud	6	8	5	1	10	7	3	0	0
Remarks	Fine Tstorm passed on N in aft.	Thundering all day Shower in aft.	Fine	Fine.	Misty in forenoon cloudy in aft.	Cloudy with wet showers	Fine and clear	Cloudless and calm	do do

1882 Date March	13	14	15	16	17	18	19	20	21
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	66	70	63	65	61	60	63	61
Barometer	·408	·379	·362	·480	·506	·450	·564	·652	·697
Dry Bulb	66	69·9	74	65·4	65·9	62·9	63·2	64	63·8
Wet Bulb	60	61·1	62·6	57·6	59·2	51	55·5	57·1	56·6
Maximum	82·3	82·2	83	82·3	80·7	79·4	76·1	79·2	76
Minimum	53·1	55·5	54	51	53·2	44·1	42·2	48·6	50
Rain... Weight									
Rain... Measure	0	0	0	0	0	0	0	0	0
Evaporation. Weight									
Evaporation. Amount									
Direction of Wind	E	W	W	NW	NW	W	W	NW	E
Velocity									
Force	2	1	1	2	3	2	1	0	1
Cloud	0	0	0	1	2	0	0	6	1
Remarks	Cloudless	Fine and clear	Cloudless	Fine and clear	Fine few small clouds	Cloudless	Fine few clouds	Fine much cloud	Fine Thunder to W at sunset

1882. Date March	22	23	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	61	60	59	58	59	62	67	66	65
Barometer	·646	·626	·740	·754	·724	·644	·598	·540	·525
Dry Bulb	62·7	63	61	63	64·6	64	68	66	62·6
Wet Bulb	57	57·2	56	57·3	54·3	57·8	59·2	59	60·9
Maximum	78·9	78·5	77·3	75·7	79·8	78·6	82	82·4	79·1
Minimum	46·3	42	47·8	49	41	46·7	46·7	59·3	59
Rain... Weight									
Rain... Measure	0	0	0	0	0	0	0	0	67+
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	E	E	E	E	NE	NW	NW	NW	NW
Velocity									
Force	1	1	3	3	1	2	2	2	1
Cloud	1	0	2	0	1	0	1	2	8
Remarks	Fine and clear	do do	Fine	Fine and clear	Fine. cirrus forming wind light and variable from NE to SE. large halo round moon at night	Fine. cloud forming in aft wind light and variable from NW to SE	Fine cloud forming in aft.	Fine do do like rain to W. heavy rain about 4 a.m.	forenoon cloudy fine in aft. much Thunder to W at 5 a.m raining up rain at 8 a.m still rising barometer.

1882 Date	March. 31	April 1	2	3	4	5	6	7	8
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	60	61	60	58	59	53	53	52
Barometer	·546	·608	·606	·518	·532	·458	·383	·492	·618
Dry Bulb	59.1	60.2	59	61.4	58.7	59.8	51.7	51.9	53
Wet Bulb	58	58.3	57.4	58.2	55.8	58	45.2	48.8	48.9
Maximum	73	69.5	71.5	69.7	71.9	68.8	68	60.2	64.9
Minimum	56	48.2	55	49	50.3	51.8	43.2	40.2	41.8
Rain... Weight									
Rain... Measure	16+	~~70~~	0	0	0	26	14	0	0
Evaporation. Weight									
Evaporation. Amount									
Direction of Wind	W	E	E	NW	E	NE	W	SW	W
Velocity									
Force	1	·1	1	1	2	1	3	2	3
Cloud	10	7	10	2	3	10	1	2	0
Remarks	Heavy rain in forenoon with Thunder. cleared in aft	9 am halo round Sun Cloudy like rain	Cloudy wt weather clearing	Fine	light rain in aft.	Showery.	Fine with high cold wind	upper current SE Fine few small clouds.	Cloudless & calm

March.

Days rain --- 3
Days lightning — 5
Mean diurnal range :: 27°.6 cor.
greatest do :: 39°.6 cor. 12th
Mean of max. :: 79°.2 cor.
" min. :: 51°.6 cor

dry bulb	65°.3
wet bulb	58°.5
cloud	2.4
Humidity	64
Inches of rain.	1.
Winds W. 5	
NW. 11	
NE 1	
E 11	
SE 3	

Rain since 1st Jan. 7.09 in.

Mean temp. 65.4

1882 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	54	56	56	60	62	61	61	60	53
Barometer	.696	.663	.586	.562	.581	.600	.558	.512	.500
Dry Bulb	56.1	59.9	61.8	63.2	66.5	63.4	63.3	58	54.9
Wet Bulb	51.7	53.1	53	55	56.4	56.4	57.5	54.7	46
Maximum	66.9	69.4	70.9	72.2	73.1	76.8	72.5	73.5	68
Minimum	45.5	42.1	39.3	47	47.4	48	49.5	46.7	34.8
Rain... Weight									
Rain... Measure	0	0	0	0	0	≥ 10+	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	E	NW	W	NW	NW	NW	NW	NW	W
Velocity									
Force	1	1	1	2	3	1	3	1	2
Cloud	0	1	2	2	2	0	0	1	0
Remarks	do do cirrus forming at sunset	do do	light cirrus ~~do~~ ~~do~~ clear & calm	Fine and clear.	Thunder with smart shower in aft.	Fine few small clouds.	Fine cumuli in aft Tetorm passed on S at 6pm	~~fog in mg.~~ Fine and clear	do do

1882 Date April	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	54	53	56	55	57	60	59	59	57
Barometer	.600	.654	.712	.684	.625	.568	.562	.524	.302
Dry Bulb	54.8	58.2	59	57.1	55.4	58	59.9	58.3	55.1
Wet Bulb	51	54	55.1	54	53	53.4	56.4	54.9	52.8
Maximum	68.1	69.6	69.4	71.4	69.5	68	63.2	69.6	66.3
Minimum	42.7	39.2	43.9	40.6	44	51.5	45.8	48.7	50
Rain... Weight									
Rain... Measure	0	0	0	0	0	0	2	2	1
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	SE	W	NW	E	E	N	NW	NW	NW
Velocity									
Force	1	1	1	1	1	1	3	1	2
Cloud	0	5	2	3	10	10	2	5	9
Remarks	Fine and clear	Fine. cloud forming	Fine cloudy in aft.	halo round sun fg. & aft. Fine much cloud	Cloudy & calm like rain	Cloudy shower after sunset.	Fine.	Cloudy like rain.	Cloudy light rain in aft. steady rain from sunset to ~~over~~ near morning

1882 Date April	27	28	29	30	May 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	56	53	50	52	50	47	50	52	52
Barometer	·214	·242	·318	·348	·400	·536	·650	·662	·630
Dry Bulb	53	50	48·5	51·3	44	45	51·1	50·4	51·1
Wet Bulb	52	49	45	47·7	42·7	42	48	46·1	47
Maximum	60·2	56·3	57·5	57·	56·1	54·8	57·8	63·6	62·7
Minimum	48·9	47·6	38	37·1	41·2	29·2	32	31·7	35·8
Rain... Weight									
Rain... Measure	77	44	0	0	9	0	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	W	W	W	W	W	W	W	W
Velocity									
Force	1	3	2	3	1	1	1	1	2
Cloud	10	9	1	9	10	0	0	0	0
Remarks	Heavy showers all day	Fine	Cloud forming in aft from W.	Cloudy and showery with light wind	Cleared to fine.	Cloudless	do	do	do

30 - Tank = 2·3

April.

Days rain - - - 9
Days lightning - - 2
Mean diurnal range : 21·7 cor.
Greatest do. 17° : 32·4 cor
Mean of max. : 67·8 cor.
" min. : 45·3 cor.
" dry bulb : 57·4

" wet bulb : 45·3
" cloud : 3·9
" Humidity : 74

Inches of rain 2.46
Winds SW 1
W 9
NW 11.
N 1
NE 1

E 6
SE 1

Inches of rain since 1st Jan. 9.55

Mean temp 56.6

1882. Date May	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	50	54	45	44	50	52	57	58	50
Barometer	·634	·534	·544	·572	·638	·718	·647	·510	·460
Dry Bulb	52·7	53·9	45·6	48·9	49·8	53·8	53·8	56·5	47
Wet Bulb	47·5	48·1	39·3	41·1	45	48·9	51·3	53	40·1
Maximum	60·1	64	62·5	57·2	59·8	62·7	64·8	63	62·2
Minimum	33	42	27·7	24	31·1	32·8	41	51·4	34
Rain... Weight									
Rain... Measure	0	0	0	0	0	0	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	NW	W	NW	E	NW	NW	W	W
Velocity									
Force	1	4	2	2	2	1	2	3	2
Cloud	0	1	0	0	0	0	10	5	0
Remarks	Fine and clear cirrus forming in aft.	Fine stormy sqls from NW and W	Cloudless	Fine cloud forming towards sunset	Cloudless	do and calm	Cloudy with strong NW wind.	Fine	Cloudless cold wind

1882 Date May	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	46	49	47	49	50	55	50	51	50
Barometer	·541	·640	·676	·712	·729	·742	·684	·644	·584
Dry Bulb	46.6	48.1	50.1	54.8	51.8	50.9	46.7	49.1	47.8
Wet Bulb	41.2	43.9	40.4	44.5	45	47.9	44.2	46.5	45.4
Maximum	57	56.4	61	63.2	63.9	64.6	58	54	55.7
Minimum	27.5	29.7	26	28.6	30.4	43.8	42	40.9	37.6
Rain... Weight									
Rain... Measure	0	0	0	0	0	0	4-	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	SW	W	W	E	E	E	E	E
Velocity									
Force	1	1	1	1	1	2	4	3	3
Cloud	0	0	0	0	1	7	9	3	4
Remarks	Cloudless	do and calm	do do	do do	Fine some light cloud.	Fine rather cloudy.	Fine much cloud cold E wind.	Fine	Fine lots round noon.

1882. Date	May	24	25	26	27	28	29	30	31	June 1
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	52	48	46	48	56	46	45
Barometer		·473	·340	·472	·485	·519	·526	·317	·153	·352
Dry Bulb		51	47	48	44·7	44·9	47	51·7	39·9	37·6
Wet Bulb		49	45	44·7	42	42·1	42·8	49·4	39·2	36·7
Maximum		59·8	54·4	52·2	55·8	53·7	57·8	59·6	54·3	43·2
Minimum		41·3	44·7	42·7	31·4	26	29·7	42·6	37·9	35·1
Rain...	Weight									
	Measure	0	14	0	0	0	0	13	84	26
Evaporation..	Weight									
	Amount									
Direction of Wind		E	NW	W	W	W	W	N	NW	W
Velocity										
Force		0	4	3	1	1	1	4	3	1
Cloud		10	6	2	2	7	0	10	10	10
Remarks		wind changed to NW. cloudy like rain	Cloudy high wind	Fine	Fine	Fine.	Fine much cloud forming after sunset	heavy gale from N and NNW all day with little rain towards sunset wind getting more westerly and rain increasing.	gale. continuing with less force. raining.	Calm and showery.

May.

Days rain 5
Days lightning 0
Mean diurnal range 23°.1 cor.
Greatest do. 17° 34°.2 cor.
Mean of max. 58°.9 cor.
Mean of min. 35°.8 cor.

" dry bulb 49°.2
" wet bulb 44°.9
" cloud 3.2

" Humidity 71
Inches of rain 1.24

Winds SW. 1
W. 16
NW 6

N. 1
E. 7

Inches of rain since 1st Jan. 10·79

Mean Temp. 47·4

June 1 Tank = 1·8

1882. Date	May	24	25	26	27	28	29	30	31	June 1
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. " Tank = 1·8
Attached Thermometer		55	52	52	48	46	48	56	46	45
Barometer		·473	·340	·472	·485	·519	·526	·317	·153	·352
Dry Bulb		51	47	48	44·7	44·9	47	51·7	39·9	37·6
Wet Bulb		49	45	44·7	42	42·1	42·8	49·4	39·2	36·7
Maximum		59·8	54·4	52·2	55·8	53·7	57·8	59·6	54·3	43·2
Minimum		41·3	44·7	42·7	31·4	26	29·7	42·6	37·9	35·1
Rain...	Weight									
	Measure	0	14	0	0	0	0	13	84	26
Evaporation..	Weight									
	Amount									
Direction of Wind		E	NW	W	W	W	W	N	NW	W
Velocity										
Force		0	4	3	1	1	1	4	3	1
Cloud		10	6	2	2	7	0	10	10	10
		wind changed to NW. cloudy like rain	Cloudy high wind	Fine	Fine	Fine.	Fine much cloud forming after sunset	heavy gale from N and NNW all day with little rain towards sunset wind getting more westerly and rain increasing.	gale. continuing with less force. raining.	Calm and showery.

Remarks

May.
Days rain 5
Days lightning 0
Mean diurnal range 23°.1 cor.
Greatest do. 17 34°.2 cor.
Mean of max. 58°.9 cor.
Mean of min. 35°.8 cor

mean of dry bulb 49°.2
" wet bulb 44°.9
" cloud 3.2
" Humidity 71
Inches of rain 1.24

Winds SW. 1
W. 16
NW 6

N. 1
E. 7

Inches of rain since 1st Jan. 10·79

Mean temp. 47·4

1882. Date June	2	3	4	5	6	7	8	9	10
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	44.	49	50	47	49	53	52	48
Barometer	·426	·440	·594	·675	·600	·512	·420	·481	·587
Dry Bulb	37·1	40·5	46	46	43·7	43·9	45	48	44·1
Wet Bulb	35·6	39	43·4	43·2	41·7	42	44	46	42·6
Maximum	43·5	46·8	48·8	54·3	52	54·7	54·5	47·2	49·7
Minimum	32·8	28	36·4	40	34·1	30·3	41·4	39·4	39·9
Rain... Weight									
Rain... Measure	16	0	0	0	0	0	20+	66	5+
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	N	E	E	E	E	E	E	SE	E
Velocity									
Force	0	2	2	3	1	1	1	3	4
Cloud	9	8	9	2	0	3	10	9	5
Remarks	upper clouds N Cloudy	Cloudy	Fine	Fine	Fine	Cloudy like rain showery fr midnight to morning	Calm raining all day and night	Few misty showers but weather clearing	Fine

1882 Date June	11	12	13	14	15	16	17	18	19
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	52	51	46	43	44	47	49	50
Barometer	·584	·508	·348	·272	·362	·380	·380	·290	·304
Dry Bulb	44	44·8	43·2	40·5	35	39·7	44	43·1	43
Wet Bulb	42	43·9	42	38·2	33·6	36·5	41·2	41·7	42
Maximum	51	55·1	54·5	47·8	43·1	39·8	46·3	49	49·3
Minimum	35·3	35·9	37·4	37·2	31·3	32	37	40·4	40·2
Rain... Weight									
Rain... Measure	0	23-	41	19	13	0	0	2	17
Evaporation. Weight									
Evaporation. Amount									
Direction of Wind	E	E	NW	W	W	W	NW	NW	W
Velocity									
Force	1	1	3	3	2	3	3	2	1
Cloud	0	10	7	6	9	5	4	10	8
Remarks	Fine steady rain in early mg.	till about 10 a.m. when it cleared off Coming at Quadrn followed by Thunder after which heavy rain.	Stormy gale with thick weather	high wind weather clearing few sleety showers snowing from sunrise to 8.30 am	Fine weather clearing cold wind	Fine cold wind	Cloudy drizzle at night	Cloudy thick weather with light rain in aft.	Showery

1882 Date June	20	21	22	23	24	25	26	27	28.
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	44	40	43	49	47	47	49	48
Barometer	·425	·488	·575	·626	·530	·438	·609	·672	·712
Dry Bulb	34·8	35·1	37·5	39·9	46·9	40·3	42	43·7	43
Wet Bulb	32·1	32·2	33	34·9	43·2	38	39·1	42·2	41·8
Maximum	46·2	37·3	43·2	50·3	53·8	49·5	45·6	52·8	49
Minimum	29·7	30·4	21·5	25·1	30	34	29·7	37·7	32·7
Rain... Weight									
Rain... Measure	10	0	0	0	0	2	0	0	7
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	SW	E	W	NW	W	E	E	E
Velocity									
Force	2	1	1	1	3	2	2	1	1
Cloud	9	9	0	0	5	3	3	9	1
Remarks	Fine	Fine	Cloudless	do	Fine and clear	Cloudy	Fine upper clouds NW.	Cloudy showery at midday.	Showery in afc.

1882 Date June	29	30	July 1	2	3	4	5	6	7
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	54	42	Tank: 2.10 42	41	46	53	52	56
Barometer	.623	.395	.597	.602	.598	.554	.610	.695	.624
Dry Bulb	46.2	47.2	33.6	32	37.4	46.8	51	45.6	53
Wet Bulb	45	46	31.8	31	31.4	36.7	45	42.5	51
Maximum	54	55	44.8	42.2	45.2	58	55.4	55.8	55.8
Minimum	31.6	42	30.7	23.5	22.8	30.5	40.4	35	41
Rain... Weight									
Rain... Measure	12	32	16	0	0	0	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	NW	NW	W	NW	W	NW	NW	NW	NW
Velocity									
Force	1	2	2	1	0	1	2	1	3
Cloud	1	10	6	0	0	0	0	7	9
Remarks	Fine rain at night and in morning	Raining cleared at midday. sleet and snow after sunset	Fine and clear	Foggy in mg. Cloudless	Cloudless & calm	Cloudless	Fine and clear	Cloudy like rain	Fine

June
Days rain 16
Days lightning 1
Mean diurnal range ... 13.8 corr.
Greatest do 23.2 ... 24.4 corr
Mean of max. ... 48.7 corr
" min. ... 34.9 corr

" dry bulb 42.2
" wet bulb 40.1
" Cloud 5.8

" Humidity 83
Inches of rain 3.11

Winds SW 1
W 8
NW 6

N. 1
E 13
SE 1

Inches of rain since 1st Jan. 13.90
Mean temp. 41.8

1882 Date July	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	56	45	45	49	52	45	41	42	43
Barometer	·509	·452	·600	·550	·570	·535	·549	·614	·446
Dry Bulb	52·4	37·7	40·8	48·2	46	38·9	35·6	38·1	33·9
Wet Bulb	50·3	35·3	38	42·8	45	37	31·5	34	33
Maximum	60·3	57·6	44·2	53·1	56	44·8	46·1	37·5	44·7
Minimum	48·8	33·5	24·6	32·3	43·2	31·1	29	28·8	31·4
Rain... Weight									
Rain... Measure	0	81	0	0	8	13	0	0	68
Evaporation. Weight									
Evaporation. Amount									
Direction of Wind	NW	W	E	NW	W	W	W	E	E
Velocity									
Force	3	3	3	3	3	2	3	3	1
Cloud	10	6	0	1	10	5	2	9	10
Remarks	Cloudy began to rain at 4 p.m. with strong NW wind till 10 p.m.	Fine and cold	Cloudless & calm	Fine. rain in early morng	rained till midday	Fine	Fine.	Cloudy. light rain at 3 p.m. and at night snow in early morng	Morning all day without intermission lay about 4 in deep

1882 Date July	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	47	46	47	44	47	45	44	43	48
Barometer	·516	·714	·764	·673	·624	·584	·570	·576	·442
Dry Bulb	38·8	40·9	41·8	40	44·1	42·5	40	40·8	45·8
Wet Bulb	37	39	40	38·7	42	40	37	35·1	39
Maximum	44·4	43	45·2	49·4	45·6	48·9	52·2	49·1	46
Minimum	31	32·7	36·3	31·1	37·8	33·2	26	24	36·5
Rain... Weight									
Rain... Measure	59	0	0	0	0	4	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	E	E	E	E	E	NE	NW	W	NW
Velocity									
Force	2	3	3	4	4	2	2	1	3
Cloud	8	7	9	7	5	0	0	0	5
Remarks	Fine snow nearly all gone at sunset	Dull and cloudy	Fine	Cloudy	Few drizzling showers.	Fine	~~Cloudless~~ Fine & clear	Cloudless wind sprang up at sunset	Fine strong wind

1882 Date July	26th	27th	28th	29th	30th	31st	August 1st	2nd	3rd
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	38	36	39	40	42	45	46	45
Barometer	·226	·235	·362	·474	·498	·425	·470	·456	·533
Dry Bulb	38	28·9	28	33·2	40·7	42·5	40·4	40·7	42·1
Wet Bulb	33·8	28·3	27·5	29·8	34	35·4	35·1	35	37·5
Maximum	47·2	34·9	32·6	32·5	45·1	45·2	44·9	45·5	44·7
Minimum	33·9	26·8	21·5	20	20·7	27	26	31·7	27·2
Rain... Weight									
Rain... Measure	0	0	0	0	0	0	0	0	0
Evaporation. Weight									
Evaporation. Amount									
Direction of Wind	W	W	SW	W	W	W	W	W	W
Velocity									
Force	4	3	1	1	2	3	2	2	1
Cloud	7	8	2	0	1	0	2	9	0
Remarks	Fine very cold. strong gale little sleet	Cloudy very cold little sleet	Fine & clear	Cloudless & calm	do do	Cloudless	Fine. Tank 3rd = 2'.2"	Fine.	Cloudless.

July

Days rain --- 7
" lightning -- 0
Mean diurnal range 15°.3 corr.
Greatest do 26°.7 corr
Mean of max. 47°.0 corr

" min. 31°.7 corr
" dry bulb 40°.5
" wet bulb 37°.2

" Cloud 4.3
" Humidity 74

Inches of rain 2.49
Winds SW 1

W. 12
NW 9
NE 1
E 8

Inches of rain since 1st Jan. 16.39

Mean temp. 39.4

1882 August	4th	5	6	7	8	9	10	11	12
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	47	47	43	45	43	45	42	43	51
Barometer	·442	·216	·328	·314	·367	·497	·492	·517	·490
Dry Bulb	45·3	40·9	35·9	43	36·2	38	38	40·5	47
Wet Bulb	37·5	35·3	32·8	37	35·7	36	34·6	36	44·8
Maximum	49·8	49·8	44·5	43·8	49·6	36·9	42·1	43·6	47
Minimum	23	37	32·6	25·7	33·2	29·3	23·6	21·8	37·5
Rain... ... Weight									
Rain... ... Measure	0	0	0	0	16	6	0	0	13
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	NW	W	#W	W	SW	W	NW	W
Velocity									
Force	2	3	2	2	3	1	2	1	2
Cloud	1	7	8	7	10	3.	1	10	6
Remarks	Fine	Cloudy high wind very cold	Fine	Squally with elect rain at night	Showery with elect & snow.	Fine	Fine and clear	Showery.	Cloudy

1882 Date August	13	14	15	16	17	18	19	20	21
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	48	48	47	~~49~~52	53	54	47	52	52
Barometer	·484	·692	·718	·685	·592	·554	·564	·562	·576
Dry Bulb	42	43·5	43·2	49	48·6	46	43·9	45·7	48
Wet Bulb	39·1	39·9	38	44	45·7	45	41·4	44	45·9
Maximum	52·9	43·4	50·4	56·9	59·2	49	54·5	51·1	53·6
Minimum	33·1	30·8	27·3	35·5	41	42	28·5	36	32·2
Rain... Weight									
Rain... Measure	0	0	0	0	0	8	3	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	SW	SE	E	NW	NW	SW	S	SW	SW
Velocity									
Force	3	2	2	3	3	0	1	1	1
Cloud	3	3	0	6	8	8	3	9	2
Remarks	Fine	Fine and clear	Fine and clear cirrus forming of cumuli	Fine	Cloudy and thick	Fine few light showers. Thunder to N.E.	Cloudy much vapour	Cloudy	Fine

1882 Date August	22	23	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	52	56	55	54	54	54	54	54	55
Barometer	·592	·632	·787	·808	·776	·731	·632	·507	·394
Dry Bulb	49·7	54	52.2	51·2	53·2	53·5	52	50·9	54·1
Wet Bulb	48	50	49·5	49	49·2	51	48	49·1	52·1
Maximum	58	64	60·5	64	61·2	58·8	56·4	57·4	56·3
Minimum	33·1	45·1	41·8	38·2	35·8	35·3	38·8	45·1	43·8
Rain... Weight									
Rain... Measure	0	1	5+	12	0	0	0	58	1
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	SW	NW	E	E	NW	NW	NW	NW	NW
Velocity									
Force	0	1	2	1	2	2	3	3	3
Cloud	3	4	2	0	4	3	8	10	7
Remarks	much cloud warm.	much Cumulus Shower in aft.	Fine smart shower at sunset	Fine	Fine	Fine much vaporous cloud.	much cloud. Fine heavy rain at night	Fine few light showers	Smart shower with Thunder at 10 a.m. Fine.

1882 Date August ...	31	September 1	2	3	4	5	6	7	8
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. Tank=2.1½	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer	50	49	46	50	53	53	57	48	45
Barometer	·386	·452	·588	·738	·708	·644	·492	·534	·597
Dry Bulb	49·9	48	44	49	50·8	55	56·9	45·8	47·8
Wet Bulb	43·4	41·2	39	42	47	49	52	39·3	39·6
Maximum	57·6	57·2	56·5	56·6	56·3	55·8	67	66·9	55·3
Minimum	32·8	29·8	28·7	28·6	39·8	35·7	47	37·8	23·5
Rain... ... Weight									
Rain... ... Measure	16	0	0	0	0	0	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	W	SW	NW	NW	NW	NW	SW	W
Velocity									
Force	1	2	1	1	3	3	4	3	1
Cloud	0	0	0	0	6	3	4	0	0
	Fine.	Cloudless	do	do	Fine	Fine	Fine Tstorm passed on N at sunset	Cloudless	Cloudless cirrus formed rapidly at sunset

Remarks 11

August
Days rain 2
" lightning 2
Mean diurnal range :: 17·4 mr.
Greatest do :: 26·0 mr
Mean of max. :: 51·7 mr
" min :: 34·3 mr

" dry bulb 45·8
" wet bulb 42·2
" cloud 4·7

" Humidity 74

Inches of rain 1·39

Winds S 1
SW 6
W 10
NW 10
E 3
SE 1

Inches of rain since 1st Jan 17·78

Mean temp. 43.0

1882 September Date	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	47	47	49	53	56.	54		48	55
Barometer	·488	·554	·620	·606	·5-22	·5-12		·668	·610
Dry Bulb	47·5	45	49	55·2	59·5	57·2		49	49
Wet Bulb	39·3	41·5	43	46	49·4	48·5		44	46·5
Maximum	54·8	55·1	54·2	56·4	64.	69·5	56·5	54·1	60·4
Minimum	29·4	27	26·6	33·8	46·8	40·5	35	33	42·5
Rain... Weight									
Rain... Measure	0	29	0	0	0	14	0	0	6
Evaporation. Weight									
Evaporation. Amount									
Direction of Wind	W	SE	E	W	W	E.	E	NE	NW
Velocity									
Force	3	2	3	2	1	1	3	3	1
Cloud	0	0	0	0	3	2	7	0	8
Remarks	Fine. rained from 4 to 7 p m	Fine and clear	Cloudless	Fine	Fine Thunderstorm with light rain at night	Fine and clear	Fine	Fine Cloud forming at sunset shown at 8 a m with rainbow	much cloud.

1882 September 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	55	54	53	55	58	59	62	62	53
Barometer	·537	·539	·618	·696	·745	·770	·712	·374	·303
Dry Bulb	48·8	56	56	58·8	64·5	66·9	66·9	64	51·2
Wet Bulb	47·4	48·7	48·2	48·8	50·7	52·3	53·4	49·1	44·2
Maximum	64	65	66·4	66·6	70·5	76·1	77	76	71·8
Minimum	43	35	31·8	34	33·7	37·2	42·3	55·1	41
Rain... Weight									
Rain... Measure	4	0	0	0	0	0	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	SW	W	W	W	W	NW	NW	W
Velocity									
Force	1	1	1	1	1	1	3	3	2
Cloud	9	0	0	0	0	0	0	0	4
Remarks	Fine much cloud Thunder at sunset	Fine and clear	Cloudless	do	do	do	do	do	Fine. Clouds forming in aft.

September 1882 Date	27	28	29	30	October 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. Tank = 1.1"	Reading.	Reading.	Reading.
Attached Thermometer	50	57	57	65	68	68	53	58	61
Barometer	·376	·373	·502	·433	·587	·420	·640	·675	·528
Dry Bulb	50·9	62	62·6	69	70·1	71·8	54·9	57·9	63·5
Wet Bulb	45·1	51	51·7	55·9	56	57·5	49	53·3	58·8
Maximum	58	68·3	70·9	73·8	79·1	81·8	77·5	71·3	68
Minimum	35·2	41·8	36·7	55	43·3	59	33·6	48	49·8
Rain... Weight									
Rain... Measure	0	0	6	0	0	0	3+	7	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	NW	W	NW	NW	W	E	NE	W
Velocity									
Force	2	3	1	5	2	3	2	2	
Cloud	0	1	1	1	0	3	0	6	7
Remarks	Cloudless.	Fine and clear Thunder with little rain at 8 pm	Fine and clear	Fine furious gale from NW	Cloudless	strong gale light shower at 4 pm	Fine hazy cirrus above	Cloudy	Cloudy and sometimes drizzling rain at night
September. Days rain 5									
" lightning 4									
Mean diurnal range 26°.0 corr.									
Greatest do 38°.1 corr									
Mean of max 63°.5 corr									
" min. 36°.7 corr									
" dry bulb 54°.5									
" wet bulb 46°.7									
" cloud 1.6									
" Humidity 57									
Inches of rain 0.59									
Winds SW 3 W 13									
NW 9 NE 1 E 3									
SE 1									
Inches of rain since 1st Jan. 18.37									
Mean temp 50.1									

1882 October 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	60	56	59	62	61	59	60	59	60
Barometer	·608	·677	·692	·656	·552	·600	·670	·644	·600
Dry Bulb	60·3	58·2	63·8	67	61·4	59	62·2	60·3	63
Wet Bulb	57·8	56	55	54·9	55·8	54·5	56·7	55	55·1
Maximum	68	70·6	71·6	75	77·8	66·6	71·8	69·2	68·8
Minimum	52·6	44·6	41·7	44·3	56·1	46	46·1	45·9	47·5
Rain... Weight									
Rain... Measure	49	0	0	0	0	6+	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	SE	E	W	NW	NW	E	W	E	E
Velocity									
Force	1	1	1	2	3	2	1	0	2
Cloud	6	0	0	1	6	1	7	9	2
Remarks	Cleared to very fine. Fog at daylight	Fine and clear	do	do	Cloudy rain at 8 p m	Fine and clear	Cloudy like rain Thunder in forenoon	Cloudy like rain	do

1882 October 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	60	59	62	63	63	60	66	62	62
Barometer	·634	·622	·606	·591	·458	·240	·275	·280	·175
Dry Bulb	61	63·7	63	67·8	66	60·5	68·5	62·5	62·7
Wet Bulb	54	55·2	58	55·3	59	54·8	57·8	60	56·7
Maximum	72·8	71·9	78·8	79·5	79·8	78	75	75·2	70·8
Minimum	47·9	40	46·3	45	47·8	50·8	54·6	54·1	53·5
Rain... Weight									
Rain... Measure	0	0	19	0	0	41	2	2	75
Evaporation. Weight									
Evaporation. Amount									
Direction of Wind	W	E	W	E	E	SE	NW	NW~~E~~	NW
Velocity									
Force	1	1	2	1			2	1	3
Cloud	3	1	1	2	9	10	5	10	8
Remarks	do do	Fine Thunder at 7.30 p m followed by rain	Fine Thunder in aft	Dull	Fine. rain at night	Fine	Showery at midday	~~[illegible]~~ Cloudy like storm Thunder round. Tetorm at 8 p m with heavy rain	Forenoon showery with Thunder cleared in aft.

1882 October

Date	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	53	54	55		56	56	54	57	
Barometer	·150	·366	·475		·432	·378	·345	·436	
Dry Bulb	53·1	55	55·1		53	54·5	55	57·9	
Wet Bulb	45	50·5	52·5		52	51·6	51·6	54·8	
Maximum	65	57·8	66·8		68·5	59·2	63·7	63·7	
Minimum	42·6	40	45·1		45	38·9	38	45·7	
Rain... Weight									
Rain... Measure	13	3	37	4+	7	37	22	3	
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	SE	W	W	NW	NW	S	SE	
Velocity									
Force	4	1	2		1	2	2	1	
Cloud	2	2	3	+9	10	8	6	1	
Remarks	Showery in aft.	Thunder mist rain in aft, q. 3 p.m. raining heavily and steadily	Thunder in forenn showery	Cloudy Thunder round light showers at sunset	Raining all forenoon with Thunder	succession of Tetrons with rain	wind SW and SE. Cloudy with struggle in aft	Fine for small clouds	

Register.
Days rain 17
" lightning 10
Mean diurnal range : 24°.4 cm.
Greatest do : 43°.1 cm
Mean of max. : 71°.3 cm.
" min. : 46°.9 cm.

" dry bulb 61°.1
" wet bulb 54°.8
" cloud 4.5
" Humidity 65
Inches of rain 3.30
Winds S.1
W.9
NW.7

NE.1
E.9
SE.4

Inches of rain since 1st Jan. 21,67
Mean temp. 59.1

1882 November Date	Tank = 2.5 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	54	53	57	59	60	59	57	59
Barometer	·460	·626	·642	·630	·637	·640	·710	·768	·782
Dry Bulb	66.4	55.5	56.6	58	60	59.5	60.2	58.5	62.2
Wet Bulb	56	50	50.1	52	53.8	53.2	54.	51.2	53.5
Maximum	76	76.8	68.5	68.4	69.5	68.4	72.1	71.1	71.6
Minimum	44	43.5	39.1	41.7	45.2	47.8	43.8	42.8	41.8
Rain... Weight									
Rain... Measure	0	0	0	0	0	1+	3	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	E	E	W	NW	NW	E	E	NE
Velocity									
Force	1	3	2	1	2	3	3	3	2
Cloud	0	1	0	4	2	5	1	0	0
Remarks	Fine and clear.	do	do	Cumuli forming.	much Thunder with few drops of rain in forenoon cleared in aft.	Tecums with little rain	Fine. much cumulus at midday	Fine and clear	do do

1882 November 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	59	61	65	60	58	62	62	67	62
Barometer	·730	·660	·606	·668	·656	·594	·672	·700	·630
Dry Bulb	63	63·1	69	60	59	62·5	64·4	71	60·5
Wet Bulb	57·2	57·5	58	55·4	56·5	57·2	56·8	60·5	58·8
Maximum	76	78·9	79·8	81·5	73	71·1	74·8	81·1	81
Minimum	40	41·6	48·1	53·8	51·7	49·3	42·7	48	56
Rain... Weight									
Rain... Measure	0	0	0	2	20 –	14	9	0	4
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	E	W.	SW	E	E	NW	E	NW	NW
Velocity									
Force	1	1	2	2	2	1	1	1	1
Cloud	0	0	1	8	7	2	0	2	10
Remarks	do do	do do	Fine Thunder all aft with few drops of rain	Cloudy like rain – rain began at 7 p.m	Succession of Tstorms with light rain	Fine Tstorm with light rain in aft	Fine	Cloudy little rain after noon	very light rain falling all day

1882. November

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	60	62	64	63	63	65	64	60	62
Barometer	·600	·616	·549	·404	·584	·564	·610	·650	·652
Dry Bulb	60	62	66·9	60·5	65	67·2	66·2	61·2	65·8
Wet Bulb	56·2	57·2	59·5	58·9	57·1	60·2	60	56·8	59·4
Maximum	64·2	71·9	77·6	80·6	65·6	79	80·9	75·4	76·1
Minimum	47·3	55·7	51	58	48·8	51·8	53·2	50	46·7
Rain... Weight									
Rain... Measure	8	1	0	19	71	0	0	1+	28
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	NW	NW	NW	N	W	NW	E	W	E
Velocity									
Force	2	3	3	4	1	1	2	0	1
Cloud	10	9	2	10	2	1	3	6	4
Remarks	Cloudy latter rain at 9 p.m	Fine	Fine rain at 7 a.m	Raining afternoon cleared in aft.	Fine	do	Thunder with little rain	Showers in aft.	Cloudy light showers at sunset

1882 November Date	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	65	62	56						
Barometer	·616	·528	·524						
Dry Bulb	67·2	58	55·9						
Wet Bulb	61·1	57·5	53						
Maximum	78·8	78·2	63·7						
Minimum	52·4	58	49·3						
Rain... Weight									
Rain... Measure	3	40	146						
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	NW	E						
Velocity									
Force	1	1	3						
Cloud	7	10	9						
Remarks	Cloudy with showers of very fine rain. rain at 8 a m	continuing steadily till 11 a m from NW with at sunset with from SE with heavy rain lasting all night	Cloudy drizzle in aft.						
Inches of rain 3.70									
Winds SW 1									
W 6									
NW 9									
N 2									
NE 1									
E 11									
Inches of rain since 1st Jan. 25.37									
Mean temp. 61.5									

November
Days rain 16
" lightning 7
Mean diurnal range 25°.5 cor
Greatest do 11th 36°.5 cor
Mean of max. 74°.2 cor.
" min. 42.2 cor. Wrong = 48°.7 cor
" dry bulb 62.2
" wet bulb 56.1
" cloud 3.9
" Humidity 66

1882 December Date	Tank = 3·9½ 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	55	57	58	60	63	61	61	64	65
Barometer	·584	·555	·608	·610	·527	·408	·390	·486	·539
Dry Bulb	54·3	59·7	59	61·2	65·9	58	60	65·7	67
Wet Bulb	52	55·5	52·3	54·6	58	56·6	58·2	60	60·9
Maximum	58	68·5	73	72·5	75·9	78·3	64·9	77·4	79·6
Minimum	47·9	48	44·5	45·3	49·9	56·8	55	56·7	54·6
Rain... Weight									
Rain... Measure	3	0	0	0	0	10	38+	21	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	E	E	E	W	W	NW	NW	NW	NE
Velocity									
Force	3	1	2	1	1	2	2	1	1
Cloud	10	4	3	2	3	10	10	3	6
Remarks	Fine	do wind shifted to W	do	much cloud forming	much cloud, forming in aft light rain later at sunrise Transit of Venus not seen	thick and showery, heavy rain at sunrise	heavy rain in forenoon and afternoon.	Fine Thunder to E in eve	Showery

1882 December	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	65	68	59	55	63	65	64	61	61
Barometer	·416	·411	·395	·347	·347	·364	·306	·190	·452
Dry Bulb	67·2	68·9	58	57·5	63	70	67·3	61	65
Wet Bulb	60·8	63·5	56·3	54·9	55·7	55·3	55	50·6	50·7
Maximum	76·8	81·9	82	58·6	71·4	78	80·5	79·1	72·2
Minimum	53·1	58·8	52·3	44·7	49·1	48·8	44·6	45·3	42·8
Rain... Weight									
Rain... Measure	17+	0	107	113	0	0	0	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	NW	NW	E	E	NW	NW	NW	W	W
Velocity									
Force	2	2	3	2	3	2	1	3	1
Cloud	1	8	10	1	3	0	0	0	0
Remarks	Fine	Tstorm at 3 p.m with heavy rain lasting till 10 p.m	Thunder in forenoon rained from 10 am to 7 p.m	Fine	do	Fine and clear.	do do	do do stormy W gale all day	do do

Tank = 5′ 2″

1882 December 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	73	71	71	68	68	61	58	57
Barometer	·478	·412	·426	·488	·550	·502	·480	·438	·596
Dry Bulb	74·4	75·1	72·6	72·7	67·3	65·9	60·8	59·9	59
Wet Bulb	58·2	63	59	60·1	60	62·8	56·5	52·2	53
Maximum	80·2	82	81·9	82·1	78·4	78	82	71·2	70·6
Minimum	52·8	66·4	57·	56·9	59·9	58·7	55·5	48·7	47·1
Rain... Weight									
Rain... Measure	0	0	0	0	0	7+	2+	0	0
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	NW	W	W	NW	NW	NW	E	E	E
Velocity									
Force	3	2	2	1	1	1	3	4	4
Cloud	0	0	2	8	8	9	6	2	6
Remarks	Fine and clear	do do	do do	Cloudy	do Shower at night	do Thunder in afternoon with few drops of rain	Fine much cloud from E E gale at night	Fine & cold with clouds from E. high wind	Fine

1882 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	62	66		66					
Barometer	·611	·544		·316					
Dry Bulb	64·1	68·3		63·2					
Wet Bulb	57·1	61		61					
Maximum	75·1	80·6	81·7	81·8			128·3	64·1	
Minimum	47·5	49	57	57·4					
Rain... Weight									
Rain... Measure	0	0	0	12					
Evaporation.. Weight									
Evaporation.. Amount									
Direction of Wind	W	W	W	NW					
Velocity									
Force	1	1		2					
Cloud	0	0		9					
Remarks	Fine and clear	do do	Fine cloud scattering at sunset with thunder	Thunder showers forenoon and evening					

Decimals

Days rain 10
" lightning 5
Mean diurnal range 23°.1 cor
Greatest do 18th 35°.1 cor
Mean of max. 75°.7 cor
Mean of min 52°.6 cor
" dry bulb 64°.4
" wet bulb 57°.2
" cloud 4·1
" Humidity 62

Inches of rain 3.30
Winds W. 9

NW 13
NE 1
S 8

Inches of rain since 1st Jan 28·67

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