

Wollongong

Station.

METEOROLOGICAL OBSERVING BOOK

For the Year ¹⁹⁰⁰ 189

1900

January

1900.

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									
Over 100° 3 times Barometer	81	84	85	93	64	71	78	72	
Dry Bulb									
Wet Bulb									
Maximum	78.0	87.6	95.8	100.6	105.3	71.1	75.9	89.2	74.5
Minimum	63.5	61.4	64.0	64.6	65.6	62.2	66.2	64.9	61.5
Rain	0.					0.20	0.03	0.25	0.32
Evaporation—Amount									
Direction of Wind	N.E.	N.W.	N.W.	N.W.	S.	-	-	S.	E.S.E.
Force—0 to 6	1	1	2	2	2	0	0	2	2
Cloud—0 to 10	3	1	0	2	10	10	7	9	10

At this time the readings of the Max. thermometer were entered on the day following that on which it was registered

Remarks
— until 1904.

White soft clouds moving from N.E.	Small thin clouds seem to be from E.	A little haze.	Thin clouds coming from W.	Hills covered with mist	Stratus hanging rather low.	Cirro - low soft clouds coming from W.	Misty clouds hanging low, & moving rather slowly from E.S.E.
Thin clouds came up from E. in the evening	A light sea breeze rose in the afternoon	Thin clouds began to rise in the afternoon	Some thunder-clouds passed round, after noon, & a sea breeze rose at 3 p.m. growing much cooler & stronger towards evening.	Very light, misty sprinkle fell thro' the forenoon & nice, light steady rain, kept on most of the evening.	Light rain fell in the night from W.	Light rain fell at times in the afternoon from W.	The clouds cleared off in the evening & thin ones began to rise in W. lightning in the evening

January

1900.

St 8129

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												
Barometer		30.	30.	30.	30.	30.	30.	30.	30.			
Dry Bulb												
Wet Bulb												
Maximum	75.8	76.0	81.7	79.2	76.9	85.4	89.1	94.7	90.8			
Minimum	59.5	64.3	57.0	56.8	52.0	56.0	57.5	58.0	60.2			
Rain		0.37										
Evaporation—Amount												
Direction of Wind	W.	W.S.W.	E.S.E.	E.	N.E.	E.	-	E.N.E.	N.W.			
Force—0 to 6	2	2	2	2	2	1	0	2	1			
Cloud—0 to 10	9	0	4	5	2	0	1	0	1			
Remarks	<p>A thunder storm coming up rather fast from W. Began to rise about 5-30 a.m. Rain began about 10 a.m. with some thunder, + kept on, light but steady till 1 p.m. cleared off then, + another storm passed round S. from S.W. between 6 + 7 p.m.</p>			<p>White cumulus from E. Hazy. A lovely morning.</p>			<p>Large white cumuli coming from E. Beautiful day.</p>			<p>Cumulus from N.E. Some thin clouds rose in the afternoon from W.</p>		
	<p>Thin clouds coming from W.S.W.</p>			<p>Thin clouds coming from W.S.W. something like thunder clouds.</p>			<p>Distant thin clouds coming from W.S.W.</p>					
	<p>Fairly clear. A light E. breeze blew all day.</p>			<p>Small thin clouds from W.</p>								

Jack, Charlie, Fred, + Glenon went fishing in the morning

Thick dust-storm in the night.

January

1900.

St 312

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									
Barometer		88	80	77					84
Dry Bulb									
Wet Bulb									
Maximum	96.9	98.6	94.0	89.3	86.5	88.8	79.3	75.5	84.2
Minimum	62.2	65.6	68.5	55.2	55.0	64.5	66.2	64.1	59.0
Rain			0.38					0.07	
Evaporation—Amount									
Direction of Wind	N.W.	N.W.	N.W.	W.		E.N.E.	E.S.E.	N.E.	N.W.
Force—0 to 6	2	1	2	2		2	2	2	2
Cloud—0 to 10	1	9	1	0		3	9	5	4

Remarks

Thin clouds from W. Rather rainy-looking clouds from W. Warm wind. Soft, torn about winds from W. & grey haze. A fairly cool wind blew all day from W. — very dry. The haze did not go away. & good rain fell in the night.

Hazy.

Bright days, sea breeze rose at noon.

Some cirro-cumulus from W. with soft winds this side from N.E. The clouds grew dark & thick in the evening.

Dark, heavy clouds from S.E. hanging low. Rainy looking. Light, steady rain fell during the forenoon & the afternoon was bright.

Heavy clouds hanging low. The clouds cleared off at noon. Rather stormy-looking. Thin clouds rose at sunset.

Thunder-storms rising from S.W. Began to rise at 5:45 a.m. A light, quiet shower fell about 9:30 a.m. More storm clouds went by during the day, & about 11 p.m. a rather strong sea breeze rose & brought up some sand.

January -

February 1900.

Date	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					100°	3 times during February			
Barometer		81	82	85	85	81	78	78	85
Dry Bulb									
Wet Bulb									
Maximum	96.2	98.1	103.6	87.1	88.1	82.0	91.9	89.9	89.9
Minimum	64.0	61.5	67.0	68.1	66.8	66.4	60.3	64.8	62.0
Rain	0.02				0.				
Evaporation—Amount			Rain 163.						
Direction of Wind	N.W.	N.W.	N.	-	E.S.E.	N.E.	E.N.E.	E.	-
Force—0 to 6	2	2	1	0	2	2	3	1	0
Cloud—0 to 10	0	0	1	10	8	1	2	1	1
Remarks	<p>^{Hazy (Sea)} A very few small misty clouds left. There were none early.</p> <p>A rather light warm N.W. wind blew till noon, when a N.E. one just like it sprang up.</p>	<p>Hazy or smoky.</p> <p>Not at all a strong wind. A N.E. wind was at 3 p.m., whirlwinds in it.</p>	<p>Cirro-stratus from W.</p> <p>Hazy.</p> <p>A rather strong sea breeze rose at 3:30 a.m., & brought up sun, but haze since vanished.</p> <p>The breeze rose again after noon.</p>	<p>Strato-cumulus from S.E.</p>	<p>Stratus from S.E.</p> <p>A little rain fell about 7:30 a.m.</p> <p>In the afternoon thin clouds (cirro-stratus this side) came over from N.N.W.</p>	<p>Thin clouds from W. Hazy.</p> <p>Thin clouds came over in a wall from W.N.W. in the afternoon.</p>	<p>Thin clouds all round the horizon.</p>	<p>Cirro-stratus from W.</p> <p>Thick cirrus came from W. in the evening.</p>	<p>Thin clouds in W.</p>

February

1900.

St 312

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	85		71	72	75	78	80	72	72					
Dry Bulb														
Wet Bulb														
Maximum	98.9	104.5	88.3	74.1	78.8	79.6	95.1	90.5	74.2					
Minimum	67.4	65.6	67.0	54.5	57.2	53.1	61.8	67.7	64.1					
Rain								0.21	1.41					
Evaporation—Amount														
Direction of Wind	N.E.	-	S.E.	E.S.E.	E.S.E.	-	E.S.E.	S.	-					
Force—0 to 6	1	0	2	3	2	0	2	1	0					
Cloud—0 to 10	0	0	10	6	9	1	1	10	5					
Remarks	<p>Very smoky. Rather smoky.</p> <p>A breeze blew rather fresh from S., about 3 a.m., then died away, & again rose about 10 a.m. & blew quite strong all day, till it was really cool in the evening.</p>		<p>Strato-cumulus from S.E.</p> <p>A fresh sea breeze blew all day.</p>		<p>Cumulus from S.E.</p> <p>A rather cloudy day.</p>		<p>Stratus from S.E.</p> <p>A light breeze rose from E.N.E. at 9:20 a.m.</p> <p>Fifteen breezes blew all day.</p>		<p>Little thin clouds from N.W.</p> <p>Nice rain came from S. storms in the afternoon.</p> <p>Southerly clouds came up in the night.</p>		<p>Low, soft clouds from S.</p> <p>A lovely, real grey day.</p> <p>A very light little shower fell from S.E. at 9:30 p.m.</p> <p>Thunder-storms began some time after midnight, not much wind but heavy rain & loud thunder.</p>		<p>A large thunder-cloud spreading up from S.</p> <p>Several thunder-clouds scattered during the day, but melted away & all passed off at noon, with a strong cool wind from S.E.</p> <p>The very loveliest of bright moonlight night.</p>	

February

1900

55 512

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									
Barometer		30.1	30.2			29.9	30.0	30.1	30.4
Dry Bulb									
Wet Bulb									
Maximum	81.0	86.0	70.0	74.0	76.8	80.1	84.2	77.5	82.0
Minimum	63.2	64.1	63.0	64.4	58.6	58.5	64.4	64.3	63.8
Rain			0.08	0.02			0.01		
Evaporation—Amount									
Direction of Wind	N.E.	S.	E.S.E.	E.S.E.	E.N.E.	N.W.	S.E.	E.S.E.	N.W.
Force—0 to 6	1	3	2	2	2	2	3	2	2
Cloud—0 to 10	1	10	9	10	2	0	4	9	4
Remarks	Very tiny soft clouds. Clear.	Thick soft low clouds with red haze above them. The southerly came up before 4 a.m. very strong.	Strato-cumulus from E.S.E. Very light rain fell in the night.	Thin strata of clouds behind stratus from S.E. The clouds all cleared off in the night.	Cumulus. A fresh breeze blew all day from E.S.E.	Clear. A rather strong warm N.W. wind blew till 5 p.m. when a very light S.E. breeze rose. A strong southerly rose at 11.30 p.m.	Sea haze or haze from S.E. Very light sprinkles fell from S.E. about 4.30 a.m.	Clouds like cirro-cumulus coming on from N.	Thin clouds from W.

February -

March.

1900. 51 15

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									
Barometer	81	80	79	77	67	74	80	73	66
Dry Bulb									
Wet Bulb									
Maximum	100.0	102.2	86.7	97.1	80.0	75.4	84.2	96.2	83.0
Minimum	61.0	71.0	64.5	64.1	63.9	61.8	60.5	69.0	62.3
Rain					0.34	0.01			
Evaporation—Amount					2.00				
Direction of Wind	N.E.	S.E.	-	S.	S.E.	E.	-	W.S.W.	S.
Force—0 to 6	1	1	0	2	1	1	0	2	1
Cloud—0 to 10	0	2	2	1	10	5	2	5	8
Remarks	Rather thick haze. A fitful wind blew all day & a few westerly clouds rose. A rather larry southerly came up in the night.	Soft small clouds from S. E. Heavy. Very sultry. The sea breeze freshened up at noon & brought plenty of seeds in the coming.	Fog-clouds. There was a thick fog, early. A most sultry day.	clouds coming up from S. The southerly came up at 5-30 am with a roar, bringing a line of cloud first, some time before my wind reached us. There was thunder in the afternoon, & at 8 p.m. very quiet, light rain began & seemed to keep up all night. When it came it was rather uncertain.	Soft, thick cloud hanging low on the hills. Very light rain falling. The clouds went off in the evening.	Fog, early. Clouds, like fog-clouds coming from N.E.	Thick fog early. Cirro-stratus from W.S.W.	Cirro-stratus from W.	Strato-cirrus from S.
							About 8:30 p.m. thin clouds came over quite fast from W. had nearly covered the sky by 10 p.m. A rather strong wind rose about 11:30 p.m. from W.S.W.	A strong wind blew all the forenoon from S., changing to S.S.E. at noon, then it blew hard from there all the afternoon.	

March

1900.

56319

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									
Barometer	44		44 68	67	43	43	42	44	
Dry Bulb									
Wet Bulb									
Maximum	76.9	84.8	79.2	75.2	74.8	85.5	86.8	74.0	88.0
Minimum	53.8	64.9	61.1	59.1	54.3	58.7	65.0	61.1	63.7
Rain		0.00	0.44					0.06	0.
Evaporation—Amount									
Direction of Wind	N.E.	N.W.	W.	E.S.E.	N.E.	-	E.	N.	S.E.
Force—0 to 6	2	2	2	1	1	0	1	1	2
Cloud—0 to 10	0	9	8	9	3	8	9	3	4
Remarks	A little hazy. Some cirro-stratus rose in the evening, & in the night very light rain fell.	Cirro- stratus from W. — some showery clouds about from which droplets of rain fell now & then & thick white cloud rising in W. Very light rain fell during the forenoon at intervals, then all the afternoon quite heavy showers kept up from W., stopping about 8. or 9. p.m.	Cirro-stratus coming up from S.W. a most heavy ap- pearance everywhere & the S.E. Bank showing. The clouds gradually dispersed during the day as a fresh breeze sprang up at noon from S.E.	Cirro-stratus — it is uncertain where it is com- ing from, — and the side from E.	Strato- cirrus -	Cirro- cumulus from W.	Cirrus from W. Very light rain began about 11 a.m. & cleared off at 1.30 p.m.	Thick fog early Thin clouds, with fog- clouds this side Thunder- clouds rose before noon, & a very few drops fell in the evening. Southernly rose in the night.	clouds from S.E.

March

1900

St 3129

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									
Barometer	45	49	40	42	80	48	82	44	65
Dry Bulb									
Wet Bulb									
Maximum	82.9	84.1	83.6	73.6	90.4	93.2	89.9	94.4	83.5
Minimum	61.3	59.2	62.0	63.3	61.6	68.1	61.4	72.1	45.9
Rain			0.19	0.13		0.		5.03	0.38
Evaporation—Amount									
Direction of Wind	N.E.	N.E.	-	W.N.W.	W.N.W.	S.	N.W.	N.W.	S.W.
Force—0 to 6	2	2	0	1	2	1	2	1	2
Cloud—0 to 10	1	5	10	9	1	4	3	9	0

Remarks	Distant thin clouds rising in W., & small squalls coming from N.E.	Thin clouds moving quite fast from N.W. It clouded over from W.S.W. before noon, & in the afternoon lighter rain fell. In the night, a southerly came up.	Thick rain falling. Direction is uncertain. Sulfury. The rain ceased soon after 10 a.m. The clouds kept about, & a fresh breeze blew from S.E.	Fog-clouds lifting.	Cumulus from W. Storm-clouds rose at noon & a very few drops fell, about 4:30 p.m.	Thin clouds. There was thunder this morning. The clouds passed away in the evening, & it grew very cool, indeed, by 9 p.m.	Cirro-stratus from W. Warm wind. The clouds thickened towards evening & very light rain fell in the night. Large meteor seen in the evening, falling straight down in the W.S.W.	Rather stormy looking. Light rain fell during the forenoon from W.S.W., & about 2 p.m. heavy rain fell from S.W. All cleared off at sunset.	Very clear. A lovely day. The wind changed to S.E. in the evening, & brought up clouds in the night.
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March

1900.

St 31

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									
Barometer			40	67	41	68	67	69	
Dry Bulb									
Wet Bulb									
Maximum	42.0	43.3	82.1	80.5	79.6	74.6	71.9	75.4	75.8
Minimum	40.1	48.2	53.9	47.2	53.0	52.2	62.5	62.0	63.3
Rain							0.	0.03	0.13
Evaporation—Amount									Rain 1.68.
Direction of Wind	S.E.	E.S.E.	W.	E.S.E.	E.S.E.	S.E.	S.	N.E.	W.
Force—0 to 6	2	1	1	1	2	1	2	1	2
Cloud—0 to 10	2	0	0	1	5	9	6	10	7
Remarks	Soft white cumulus from E.S.E. A most beautiful day.	Clear. Small thin clouds from S.W. after 9 a.m. and it clouded over in the afternoon, then at sunset the clouds lifted from W. & went off fast.	Grey haze. Came up in the night. Haze cleared off at noon. No clouds. Lightning in E. in the evening.	Cumulus. Very clear. Lightning in E. in the evening.	White soft cumulus. Distant thin clouds raised horizon.	Thin cloud from S. with very soft cumulus this side. The clouds thickened all day, but toward evening seemed to break up. A very few drops of rain fell.	Very soft low clouds from S. Very light rain fell in the night.	Dark, heavy clouds from N.E. & thin ones behind. apparently from W. Very light rain began about noon, & continued into the night. Sand & come from S.E.	Fog clouds going off fast from W. Southerly came up before noon, & a moderate wind blew all day. In the night rather heavy rain fell.

April

1900.

St 312

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	71	68	72	61	64	63	61	65	
Barometer									
Dry Bulb									
Wet Bulb									
Maximum	76.9	81.1	78.1	81.8	69.3	74.0	72.2	67.8	69.1
Minimum	63.0	53.6	57.5	50.1	50.6	48.2	54.1	49.0	51.3
Rain	0.46	0.57		0.33			0.05	0.03	0.
Evaporation—Amount									
Direction of Wind	N.W.	N.	-	N.W.	S.	N.W.	S.E.	-	E.N.E.
Force—0 to 6	1	1	0	3	2	1	2	0	1
Cloud—0 to 10	8	0	1	8	1	3	9	3	9
Remarks	Fog-clouds going off from W. Thunder clouds rose at noon, and a very few drops of rain fell.	Clear. The wind blew strong from N.W. & brought up strato-cirrus. Some seemed to keep over in the night.	Strato-cirrus rising from W. Rather heavy thunder-showers, which all went over very quickly. This with very little wind fell all the after noon from N.	Thin clouds with snow looking ones this side moving fast from W.S.W. A cold, strong wind blew all day from N.W. Clouds kept about at night.	Seems beginning to come up from S, and some thin clouds about. A most beautiful day; the wind was only light all day.	The bank showing, and soft cumulus and strato-cirrus round horizon. Thunder showers fell thro' the day, mostly from W. A strong wind rose from S.E. about 2 p.m. or some light showers fell from there in the evening.	Very light misty showers about from S.E. Very light showers fell thro' the day from S.E.	Soft low clouds from S.E. & bank showing. A very few drops of rain fell during the day, then towards evening the bank went far of out to sea, and some thin clouds rose from W.	Cirrus-stratus from W. apparently.

April

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										
Barometer	64	56	61	62		68	52	61	56	
Dry Bulb										
Wet Bulb										
Maximum	76.1	74.3	65.4	73.7	74.7	76.2	73.5	58.0	68.3	
Minimum	51.0	49.1	44.4	47.2	49.9	55.3	45.0	41.4	41.9	
Rain		0.37				0.	0.01			
Evaporation—Amount										
Direction of Wind	-	W.	N.W.	N.W.	-	W.N.W.	W.	S.	N.W.	
Force—0 to 6	0	4	1	1	0	3	4	3	1	
Cloud—0 to 10	2	0	0	2	87	9	1	1	8	
Remarks	Thin clouds Light rain began from different storms about 2 p.m. at 4:20 very heavy rain fell from a storm from W.S.W. Not much wind or thunder. W. wind rose about 8 p.m. & quickly brought up thick haze.	Rather hazy. Cold wind. Strong, cold wind blew all day, from W. Kept up nearly all night	Clear. In the evening Cumulo- cirrus rose from S.	Some thin clouds in W. & E., (those in E. may be the 'bank'), and light cumuli	Thin clouds from W.	Drops of rain fell Dark cloud from N.W. The clouds began to clear right off at 10 a.m. & the W. wind got up very strong, & much cooler. Kept up all day, & all the evening. At 8:50 p.m., a wild wind- storm rose from S.W. with sleet & a furious wind Very cold. All over in ten minutes.	Very cold wind. Small squalls coming fast from W.	Very strong cold wind blew all day & all night till about 2 or 3 a.m.	Strato- cirrus in S.E. Rather mild wind	Cumulo- cirrus coming from E.N.E. Hazy from the sea.

April.

1900

St 310

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									
Barometer		62	63	66	63	65	62	59	56
Dry Bulb									
Wet Bulb									
Maximum	70.8	74.3	75.9	72.5	71.0	72.7	70.5	67.3	69.0
Minimum	44.1	47.7	49.2	50.1	49.8	53.0	55.6	49.5	45.3
Rain				0.04	0.02	0.08	0.34	0.05	
Evaporation—Amount									
Direction of Wind	E.	-	-	E.N.E.	N.W.	-	S.S.E.	S.W.	-
Force—0 to 6	1	0	0	1	1	0	2	1	0
Cloud—0 to 10	3	9	9	8	9	9	8	7	5
Remarks	Thin clouds. A calm day.	Thin clouds. Just the same as 19th, with a slight N. breeze. Fog began to gather about 8 p.m.	Fog just lifting. Very thick fog. Another fog came up early in the evening, & in the night very light rain fell.	Thin clouds and showery ones from E. Some light showers fell during the day from S.E. All but the thin clouds cleared off in the evening.	Cirro-stratus from W. Very light rain fell during the night from W.	Showers going about from W. Thunder showers fell during the afternoon.	Showery from S. Showers continued through out the day.	Cirrus from S.W.	Cirrus moving from S.W.

April

May

1900.

Date	28	29	30	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									
Barometer	<u>65</u>	<u>67</u>	<u>59</u>	<u>54</u>	<u>55</u>	<u>58</u>	<u>63</u>	<u>64</u>	<u>61</u>
Dry Bulb									
Wet Bulb									
Maximum	72.8	79.9	67.0	67.6	67.8	67.7	69.9	68.8	70.6
Minimum	54.2	60.3	48.6	39.0	39.5	43.2	55.0	59.2	57.1
Rain		0.	0.54					0.43	0.03
Evaporation—Amount			Rain 2.33.						
Direction of Wind	—	W.	W.N.W.	—	—	—	S.E.	S.E.	W.
Force—0 to 6	0	1	3	0	0	0	3	1	1
Cloud—0 to 10	1	9	0	0	3	1	9	8	4
Remarks	Broken clouds.	A line of showery-looking cloud in W. & sea along the hills from S. Dist of rain.	Very clear. Cold wind. The wind was only light all day. A most beautiful day.	Very clear. A most beautiful day. A very light sea breeze blew in the evening.	Slightly hazy. Thin clouds from W. A beautiful day with a very light breeze from S.	Small thin clouds from W. Rather heavy. A breeze sprang up from S. about 10 a.m., and brought up clouds.	Showers coming up from S.E. Good rain fell in the night — seemed to keep up all night. at intervals — it began lightly in the afternoon.	Strato-cumulus from S.E. Some light showers fell during the day from E.	Light, soft rain falling from E. Fog early.

		1900.									
		St 3120									
Date	...	7	8	9	10	11	12	13	14	15	
Time	...	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	
INSTRUMENT.		Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	
Attached Thermometer	...								50°	50°	
Barometer	...		56.9	62	56	49	48	51	60	50	
Dry Bulb	...										
Wet Bulb	...										
Maximum	...	70.4	66.9	67.0	74.3	62.8	63.3	60.5	60.8	62.4	
Minimum	...	56.2	46.3	50.9	49.8	35.5	34.3	34.8	35.8	40.0	
Rain	...	0.04	0.02		0.			0.			
Evaporation—Amount	...										
Direction of Wind	...	S.	N.W.	W.N.W.	W.S.W.	W.S.W.	N.W.	S.W.	W.	W.	
Force—0 to 6	...	2	2	2	2	1	2	2	2	1	
Cloud—0 to 10	...	7	8	1	1	1	0	0	2	1	
Remarks	...	Strato-cumulus from S. Thin clouds began to rise from W. early in the day.	Cirro-stratus from W. Cold breeze.	W. shower clouds going down in the S.E. Light showers fell early from W. A mild wind blew all the forenoon & brought up a small shower. After that the wind veered to S.W. & then at 2 p.m. a real summer southerly came up, quite strong with mist & clouds.	Little strato-cirrus from S.W.	Strato-cirrus from W. A beautiful day with very little wind. A slight E. breeze rose in the evening.	Clear. The wind veered to S. soon after 9 a.m. & stormy & stormy looking snow clouds rose from S.W. in the afternoon. A few drops rain fell in the evening.	Clear. A roar in S. A beautiful day with only a light wind from S.	Small thin clouds from W. with cumulo-cirrus this side from S.	The 'bank' showing, + small clouds coming from it. Very light showers fell in the evening from N.E. Heavy, dark clouds came over, all on a sudden (at 8 p.m.) looking like the arch of a W. storm. Almost no wind, or very light rain.	

May

Date	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									
Barometer			50.	55.	54.	50.	59.	56.	59.
Dry Bulb		60.							
Wet Bulb									
Maximum	63.6	61.0	64.9	58.2	64.3	63.1	61.8	62.8	57.0
Minimum	48.0	54.0	39.4	46.9	46.3	44.0	49.7	55.3	55.2
Rain	0.06	0.68	0.06	0.03			0.06	1.92	0.44
Evaporation—Amount									
Direction of Wind	-	E.	W.N.W.	W.	N.W.	W.	-	E.	E.N.E.
Force—0 to 6	0	2	1	2	2	1	0	2	2
Cloud—0 to 10	10	10	2	9	1	9	9	10	9

Remarks	Dull & misty, with very light rain falling, seems to be from N.E.	Clouds hanging low, & coming rather fast from E. Light rain fell during the forenoon, the wind bearing to N.W. toward noon, & the clouds went off in the night.	Cirro-stratus rising from W. A strong wind got up from W.S.W. at 10 a.m. A little rain fell in the night.	Cirrus from S.W. The wind blew very strong all day, & nearly till midnight, from about W.N.W.	Small thin clouds from N.W.	Cirro-stratus from W. A lot of hay cocks have been going on.	Strato-cumulus from E.S.E. Light rain fell early. Very light, thick, misty rain began soon after 9 a.m., and in the evening, & all night, quite heavy steady rain fell; from S.E.	Light steady rain falling, there was thunder, early in the night. Light rain fell all the forenoon & in the night.	Foggy looking, low clouds from E.N.E. Light showers fell during the day from E.
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May.				1900.				St 31 th
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.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer				57	51	50	49	
Barometer		61	51					
Dry Bulb								
Wet Bulb								
Maximum	64.5	66.2	65.1	61.1	63.8	62.9	61.2	
Minimum	53.7	55.5	40.3	49.8	40.2	41.0	39.2	
Rain	0.15	0.70		0.13				Rain 473.
Evaporation—Amount								
Direction of Wind	—	W.	N.W.	W.S.W.	W.	N.W.	N.W.	
Force—0 to 6	0	2	2	2	1	2	2	
Cloud—0 to 10	8	5	4	8	0	0	1	
Remarks	<p>Strato-cumulus from E.</p> <p>Light, steady rain set in in the afternoon from N.W., tho' the low clouds continued to come from N.E. The rain kept up all night.</p>	<p>Foggy clouds coming over fast from W.S.W.</p> <p>A beautiful fine day with a very light breeze.</p>	<p>Thin clouds from W. & some cumulo-cirrus which seems to be coming from S.W.</p> <p>Very light rain fell in the evening from S.W.</p>	<p>Cirro-stratus from S.W. Rather snow-looking.</p>	<p>Clear. Soft cumulus came from W. at noon. A beautiful day.</p>	<p>Clear. The wind veered slightly to S. during the day. There was lightning in N.E. in the evening.</p>	<p>The bank is S.E. Clouds just beginning to rise from it.</p> <p>At 10.30 a.m. the wind sprang up from S., pretty fresh.</p> <p>At 12 showers appeared on the hills, very light & misty, & light ones fell here in the evening.</p>	<p>About the end of May Jupiter left us.</p>

June

1900.

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			56°						
Barometer	57°	54°				57°	55°	52°	56°
Dry Bulb									
Wet Bulb									
Maximum	61.1	65.0	65.1	65.7	68.0	64.8	59.8	57.1	55.0
Minimum	49.0	45.2	48.8	43.5	43.2	52.1	51.3	50.1	50.0
Rain	0.05		0.			0.08	2.03	0.75	0.04
Evaporation—Amount									
Direction of Wind	W.S.W.	-	N.W.	-	N.W.	N.W.	N.W.	S.	W.N.W.
Force—0 to 6	1	0	1	0	1	1	2	4	2
Cloud—0 to 10	9	10	9	0	3	9	10	10	8

Remarks	<p>Cumulo-cirrus from E.S.E. Very light E. breeze sprang up about 10:30 & in the afternoon thin clouds rose from W.</p>	<p>Very thick fog. A bright calm day rose from W. in the evening.</p>	<p>Cirro-stratus from W. A few drops of rain fell early from W.</p>	<p>Clear. Some light cumulus were from W. during the day, and a light E. breeze blew in the evening. Lightning seen.</p>	<p>Thin clouds from W. Lightning was seen in the evening, & light rain fell in the night.</p>	<p>Stratus from W. hanging low. Rather light rain fell most of the day & the clouds hung about very low, just thick fog. Then heavy steady rain set in in the evening & continued all night, with a light wind from N.W. Quite a flood.</p>	<p>Steady, thick rain falling, - seems to be coming from N.W. Quite a strong wind blew from N.W. in wild gusts. Light rain kept on thro' the forenoon & at 3 p.m. the wind rose from S., & blew in furiously, strong gusts in the evening, with heavy rain. Kept up all night but not so strong. It did not rain all night.</p>	<p>Light rain falling, from S. Light, sleety-sort of rain fell during the day from S. The wind fresh & strong.</p>	<p>Light rain falling, from S. The shower came down over the hills at noon, again very light & misty, & the wind rose in the evening, & steady, heavy rain fell all night from S.</p>	<p>Stratus from S.W. & thin clouds in S.E. The shower came down over the hills at noon, again very light & misty, & the wind rose in the evening, & steady, heavy rain fell all night from S.</p>
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		June.									
		1900.									
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	...										
Barometer	...	54	55	56	57		55	56	56	54	
Dry Bulb	...										
Wet Bulb	...										
Maximum	...	59.1	58.5	61.8	59.2	61.5	60.9	62.0	60.0	58.7	
Minimum	...	54.0	48.3	52.5	50.1	47.1	52.1	49.9	53.0	48.0	
Rain	...	3.15	0.05	0.03	0.11		0.35	0.	1.39	0.59	
Evaporation—Amount	...										
Direction of Wind	...	S.	W.	S.E.	S.E.	-	W.	S.	S.E.	N.W.	
Force—0 to 6	...	3	2	1	1	0	1	1	1	1	
Cloud—0 to 10	...	10	6	6	9	10	8	8	10	9	
Remarks	...	Light rain falling. Rather strong wind all day & light rain fell. Cleared up somewhat in the evening.	Stratus from E.S.E. and some thin clouds. Light showers fell at times during the day from S.	Showers going along the hills, and a roar in the S. Light showers fell from S.E.	Showers passing round from S.E. The clouds gradually went off all day, but a roar remained in the S., & in the evening they seemed to come up again a bit.	Clouds like thick fog, hanging very low. Came over from N. early. It turned rainy-looking towards evening, & rather heavy showers fell thro' the night.	Strato-cumulus from N.W. Foggy. Clouds began to rise from W. before noon, & the wind seemed to there. A very little rain fell in the evening.	Cirrus from S.W. & a roar in S. Steady rain fell all night, from S., with a fairly strong wind, setting in about 8 p.m.	Heavy, thick rain falling from E. The rain became much lighter & more fitful during the day.	Stratus coming over from E. Light showers on the hills. The easterly clouds went off in the evening, & thin ones rose then from W.	

		June					1900.			
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	...								51	49
Barometer	...	51	50	57		57	59	53	59	
Dry Bulb	...				51					
Wet Bulb	...									
Maximum	...	61.8	63.5	63.2	60.0	63.2	63.2	64.5	59.4	57.0
Minimum	...	46.0	43.8	49.8	47.1	45.1	52.8	47.4	44.2	42.8
Rain	...		0.	0.49	0.19		0.04		0.	
Evaporation—Amount	...									
Direction of Wind	...	-	-	N.	N.W.	W.	N.W.	N.W.	N.W.	N.W.
Force—0 to 6	...	0	0	1	1	2	3	3	(3)	3
Cloud—0 to 10	...	10	5	10	10	9	4	1	1	0
Remarks	...	<p>Cirro-stratus from N.W. The clouds cleared off at noon, with a little rain. The loveliest bright, almost cloudless afternoon, then at sunset, strato-cirrus, & some thin clouds rose again from W.S.W.</p>	<p>Cirro-stratus from W., with cumuli this side, moving over rather fast from W. The clouds thickened all day, and light rain began at 4 p.m. There was thunder in the evening.</p>	<p>Light, steady rain falling from W. Very light rain fell all day from W.</p>	<p>Thick fog. The loveliest bright day, with a light W. breeze. Thin clouds rose in W. at 4 p.m. The fog lifted at 10 a.m.</p>	<p>Thick cirrus going over from W.S.W. The wind went back to N.W. during the day, & the clouds continued to go over from time to time.</p>	<p>Cirro-stratus from N.W. Some mild wind. wind-storms went over early. Mild, brisk wind all day, growing cold towards evening. Kept up all night.</p>	<p>Cumulus from W. Cold wind. The wind blew a regular gale all day & night. In the afternoon some wind-storms went over with drops of rain.</p>	<p>Very small cumuli from W. Cold wind. A brilliant day, with a strong cold wind. A wind-storm rose at sunset, & went over with out rain.</p>	<p>Clear. Cold wind. The wind cleared a little at 1 p.m. Seemed to die away at night, then came up again soon after 6 a.m., with clouds.</p>

June -

July -

1900.

Date	28	29	30	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		47 ⁴	48	43	39	44	52	44	38
Barometer	50	5							
Dry Bulb									
Wet Bulb									
Maximum	56.6	55.4	55.5	53.9	55.5	55.1	52.2	54.2	41
Minimum	43.2	41.3	42.2	31.8	31.1	38.0	42.2	41.8	31.8
Rain		0.	0.82				0.91	0.92	0.68
Evaporation—Amount			Rain 0.39.						
Direction of Wind	W.N.W.	W.N.W.	W.N.W.	W.	-	-	E.	N.W.	W.N.W.
Force—0 to 6	4	4	3	2	0	0	1	2	2
Cloud—0 to 10	1	8	0	0	1	10	10	10	5

A little very light snow fell in the night. It went down after 9 a.m., steady & packing all day.

July 5th 1900.
Coldest day
A very little snow fell.

Remarks
July 5th Father brought Mr. Dunn during very cold rain

Small seeds from W. Very cold wind. A wild little windy shower fell at 3 p.m.	Snow-clouds coming over part from W.S.W. Very cold wind. A little rain fell in the night from W. Thin, misty, snowy clouds kept about all day.	Very clear. The wind was not very strong all day, & kept up thro' half the night.	Clear. Soft clouds rose from E. at sunset and went down again.	Strato-cirrus rising in E. Air just stirring from there. Slightly hazy. Thin clouds rose from N.W. in the afternoon & came over in the night. A very light sea breeze blew.	Cirrus from W. Some stratus in S.E. Very light little fitful breezes blew from different quarters all day, & clouds continued to come from N.E. and at 5-30 p.m. light, steady rain set in & continued all night.	Very light rain falling from E. Rather heavy thick rain fell all day. At first it seemed to come from E., then decidedly did from N.W. Thunder in the afternoon. Clouds broke up at sunset, but kept down all night.	Dense sort of clouds that look like snow—rather in long lines. Rather light but thick & steady rains set in at 11 a.m. from N.W. & continued till the evening growing colder all day. Clouds started to come up from S. & some in the night.	Strato-cirrus from S. Some sleet fell about 2 a.m. After a nice night forenoon, light showers came back about 1.30 p.m. from S. Breeze wind from there. More showers in the night.
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No wind.

July

1900.

St 312

Date	7	8	9	10	11	12	13	14	15
Time	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer									
Barometer	53	50	47	49	52	45	45	44	49
Dry Bulb									
Wet Bulb									
Maximum	52.8	56.8	54.8	54.0	53.9	58.0	56.8	60.0	58.8
Minimum	49.0	43.0	38.5	37.7	44.2	36.1	33.2	33.2	40.2
Rain	0.49	0.04	0.04		0.01				
Evaporation—Amount									
Direction of Wind	E.S.E.	W.	W.	S.W.	S.W.	W.	W.	W.	N.W.
Force—0 to 6	1	1	2	2	2	1	1	1	3
Cloud—0 to 10	9	2	1	1	4	0	3	0	0
Remarks	Light shower from S.E. Very light showers fell during the day or night from S.E. scarcely any wind.	The bank showing strato-cirrus all about. Very light showers fell at times this the day from S.E. Lightning in the bank in the evening.	The bank just showing. It kept about all day rising in the evening lightning in it there.	The bank in the form of cirrus, looking blown about sending up seeds. Very light little sprinkles fell in the afternoon & night from S.E.	The bank just like yesterday + cumulo cirrus from S.W.; not very cold wind. The clouds all went away in the night.	Clear. A cloudy day, with a light, chilly N.W. breeze.	Cirrus rising in a wall from S.W. Came up in the night. The clouds went over + disappeared.	Clear. The wind kept up just a little all night. Was quite N.W. all day.	Slightly hazy. Cold wind. The wind went gradually round to S.W. towards evening, and grew colder. Brought up cumulus from there.

1900.

July

Date	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									
Barometer	49.	40.	41.	46.	52.	4.	50.		52.
Dry Bulb									
Wet Bulb									
Maximum	54.9	54.6	51.8	54.3	53.1	55.1	55.9	55.9	54.4
Minimum	38.5	32.0	29.1	30.1	44.8	36.6	45.2	49.2	42.4
Rain				0.02	0.49	0.01	0.04	1.26	1.04
Evaporation—Amount									
Direction of Wind	W.	N.W.	N.W.	W.S.W.	S.	W.	W.	S.	N.W.
Force—0 to 6	2	1	2	2	1	1	1	2	1
Cloud—0 to 10	5	0	0	8	9	8	10	10	2
Remarks	<p>Cumulus from S.W. began to rise early.</p> <p>The clouds went over all day, & passed off in the evening.</p>	<p>Rather heavy clouds rose again from W.S.W. & again passed off in the night.</p> <p>The wind veered to S.W. about 10 a.m.</p>	<p>Rather heavy. The wind veered to S.W. about 10 a.m., but died away soon after noon.</p> <p>A very beautiful bright afternoon.</p>	<p>The bank showing, & strato-cumulus from S. The clouds must have come up very fast about 6:30, or 4:0 a.m., & a light shower fell at 8:15.</p> <p>The frost had not begun to melt at 6:55.</p> <p>Light shower fell at times during the day, and steady rain fell all night from S.</p> <p>Very little wind.</p>	<p>Thin clouds, and strato-cumulus from S.</p> <p>Some very light clouds fell this day from S.</p> <p>The clouds cleared off in the evening.</p>	<p>Thin clouds coming over from N.E., apparently from E.</p> <p>The clouds kept over more or less all day this. It seemed to lift from N.W. some what. Very light rain fell in the night.</p>	<p>Strato-cumulus coming from N., & some from E.; & stratus from N., inclined to sprinkle.</p> <p>Very light rain fell all the forenoon from N., appearing then changed to S. at noon, when it came a little heavier, & kept up most steadily without any intermission, thin, or all night.</p> <p>Quite calm and mild.</p>	<p>Light, steady rain fell from S. The wind began mingling to rise.</p> <p>Most steady rain fell all day from S., sometimes quite thick & heavy.</p> <p>A pretty brisk wind. Rain ceased at 4:30 p.m.</p>	<p>Light strato-cirrus, & some cirrus from N.S.W. seem to be dispersing.</p> <p>There were some wild wind storms in the night from W., though less the wind was not very strong all day.</p>

July

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									
Barometer	59	56	43	51		54.4	55		
Dry Bulb									
Wet Bulb									
Maximum	61.0	65.1	62.0	58.2	61.8	62.7	62.8		
Minimum	50.2	47.0	31.4	34.3	35.0	33.4	42.3		
Rain							8.02	Rain	
Evaporation—Amount								597	
Direction of Wind	N.W.	N.W.	-	N.W.	W.	-	-		
Force—0 to 6	3	3	0	2	1	0	0		
Cloud—0 to 10	1	1	5	0	0	7	9		
Remarks	<p>Small wind-clouds in W.-like little windy showers.</p> <p>A haze came on from W., & the wind was very strong all day.</p> <p>Kept up a little in the night.</p>	<p>Strato-cirrus from W.</p> <p>The wind veered very much to S.W. towards evening, then calmed down about 10 p.m.</p>	<p>Cirrus moving over fast from W. in long 'mare's-tails'. Air just stirring from S.E.</p> <p>The wind rose from N.W. about 11 a.m. not very strong. Calmed down in the evening.</p>	<p>Clear.</p> <p>The wind got up a little, before 5 a.m., and melted the frost.</p> <p>A cloudy day, lovely day with a brisk mild wind which kept up till about 10 p.m., more or less.</p>	<p>Clear.</p> <p>Small thin clouds went over early from W.</p> <p>A most beautiful day, with a light breeze.</p>	<p>Cirro-cumulus going off from N.W.</p> <p>At 1 p.m. rather dense thin clouds rose from W., & very light rain fell in the night.</p>	<p>Rather heavy dark clouds moving from N.</p> <p>Somewhat showery-looking</p> <p>At noon, long lines of soft dark clouds bore from S., after quiet light rain had been falling from N., & then during the afternoon & night light rain fell from S.</p>		

Venus began to be visible in the early morning, - about 6 a.m., - day-dawn at 5-20, about.

Very little wind

night light rain fell from S.

August

1900.

55312

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									
Barometer	54	56	52	51	48	51	47	49	47
Dry Bulb									
Wet Bulb									
Maximum	61.9	61.7	62.5	65.0	58.4	59.0	60.2	61.5	66.8
Minimum	40.7	40.1	41.0	38.2	34.8	39.5	33.8	37.1	36.0
Rain	0.16		0.03						0.04
Evaporation—Amount									
Direction of Wind	S.W.	N.W.	W.	W.N.W.	N.W.	W.	N.W.	N.W.	W.
Force—0 to 6	2	1	2	3	2	1	1	1	2
Cloud—0 to 10	7	8	1	1	0	1	0	7	0
Remarks	Soft, low sands just like a summer southerly. Mild wind.	Rather high cirro cumulus; thick-looking clouds in E. & stratus from S.E. sound hoarse.	Strato- cirrus from W. A most beautiful bright day.	A cloud low down in E., looks rather like a thin cloud, as if it might be the bank.	A little hazy. A beautiful bright day, with strong W.N.W. wind that veered to S.W. in the evening.	Light cumuli from S. The loveliest bright day, with almost no wind till evening, when a fresh sea breeze blew.	Rather hazy. Some tiny thin clouds rose in W. about 11 a.m. & pretty fine, small cirro- cumulus rose there before sun- set. Chilly wind all day.	Cirro- stratus from N.W. The cloud thickened all day & the whole blew rather strong, a fierce little squall blew about 6:30 p.m. (bearing to W.S.W.), with drops of rain. The wind of course grew cold then & light steady rain fell from W. till 9:30.	Clear.

1900.

St 3129

August

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									
Barometer		47.	50.	49.	50.	47.	56.	53.	50.
Dry Bulb									
Wet Bulb									
Maximum	58.1	60.0	62.5	57.7	62.2	61.1	61.0	66.5	60.0
Minimum	32.1	33.2	38.3	38.7	36.6	31.3	45.4	47.8	34.9
Rain				0.07					
Evaporation—Amount									
Direction of Wind	-	-	-	N.W.	N.W.	N.W.	N.W.	N.W.	N.W.
Force—0 to 6	0	0	0	2	1	1	3	4	3
Cloud—0 to 10	0	0	0	0	0	0	0	0	1
Remarks	<p>Pretty clear day, quite cloudless till sunset when a small thin cloud rose in S.W. Some little mists went over in the night. A sea breeze seemed to bring coal smoke up in E. in the evening, but almost no breeze came over.</p>	<p>Rather hazy. Some small cirro-cumulus in S.E. seem to have risen from there. A very light E. breeze blew fitfully all day. Clouds came up some time in the night. The loveliest day.</p>	<p>The air is just stirring from S.E. thick, dark stratus from N.W. Low foggy clouds on the hills. Very light rain fell most of the day from N.W. The clouds broke up at sunset, & fog came over.</p>	<p>Very clear. A brisk N.W. breeze blew all day.</p>	<p>Quite hazy. A chilly wind blew all day, very strong; brought up thin clouds in long streams in the evening, from quite N.W.</p>	<p>Clear. The wind blew very strong all day, keeping up all night, though less strong some thin clouds came up from W. at noon.</p>	<p>Rather hazy. Not very cold wind. A great gale blew all day & all night from N.W. Rather mild wind. It brought up dusty fog haze in the night. Did not seem to be really thick.</p>	<p>Hazy. Cold wind. Wind not so strong all day. Calming down in the evening. Thin clouds rose in the night. Rather strong wind all day.</p>	<p>Cirrus in S.W. Been rising very slowly since 5 a.m. Thin clouds took all day to go over. Rather strong wind all day.</p>

		August						1900		St 3129
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	...									
Barometer	...	31	50	47	49	54	52	50	52	53
Dry Bulb	...									
Wet Bulb	...									
Maximum	...	61.1	60.9	58.4	59.1	65.0	64.8	63.8	64.4	61.5
Minimum	...	32.0	32.1	30.2	31.9	34.1	34.6	36.3	34.0	39.4
Rain	...					0.		0.		0.18
Evaporation—Amount	...									
Direction of Wind	...	N.W.	N.W.	W.	-	W.	W.S.W.	W.S.W.	N.W.	W.S.W.
Force—0 to 6	...	2	3	2	0	2	2	1	1	2
Cloud—0 to 10	...	1	0	0	1	0	3	1	8	1
Remarks	...	Cold-looking cumuli in W. Cold wind.	Very Clear. Very cold wind.	Clear. Very cold wind.	cirrus and strato-cirrus from W.	Quite hazy. Soft cumuli went over all day from W. & the wind was from there all day. Haze cleared off at noon. Lightning seen.	Dense-looking cirrus coming up from N.W. Rather like rain. Little W. showers went round all day, and one or two dry fell here. Not very much wind. A very light sea breeze blew in the evening.	Small cumulus. A light sea breeze blew in the afternoon. A beautiful day.	Thick, dark cirrus in W. just like that on Friday. Rose in the night. Thunder at 1:30 p.m. Good, steady rains fell during the afternoon, with a little wind.	Cumulo-cirrus from S.W. Cold wind. Very clear. Cirro-stratus began to rise in W. before sunset. A sea breeze blew in the evening.
		Plenty of clouds came over all day & the wind veered to W.S.W. before noon. It blew cold & strong all day.	The wind which was not very strong all day, veered to W. or W.S.W. soon after 9 a.m.	The wind was even lighter all day than the previous one, & strato-cirrus rose in the night from W.	Plenty of thin clouds went over all day, & a very light N.W. breeze blew, which calmed down in the evening about 10 p.m. a breeze rose, & a very few drops of rain fell. Lightning seen.	One of the first.				

August

September

1900.

Date	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									58									
Barometer	48	56	52	58	55		55	52										
Dry Bulb																		
Wet Bulb																		
Maximum	63.9	62.3	62.0	62.8	66.8	65.9	60.9	63.2	58.7									
Minimum	37.5	35.7	48.0	49.3	38.0	38.2	40.9	42.3	40.1									
Rain			0.16	0.15	Rain 79.	0.11	0.	0.03	0.									
Evaporation—Amount																		
Direction of Wind	S.E.	W.	-	W.S.W.	-	W.	N.W.	S.W.	S.S.E.									
Force—0 to 6	1	1	0	4	0	1	1	2	2									
Cloud—0 to 10	9	4	10	0	2	2	2	3	7									
Remarks	<p>Circo-stratus from W. Soft scuds - seem to be moving from all quarters. Came up like a summer southerly early. Sun not behind.</p> <p>A real sea breeze blew most of the day & soft clouds went about - a line of real southerly wind was along the hills & stream went over part all day from W. is most lovely half cloudy. Spring like day. In the evening.</p>			<p>Circo-stratus from W. A very little rain fell in the forenoon from W. then at noon there was thunder & good thunder showers fell in the afternoon. All cleared off before 10 p.m. with a little wind which blew light all night.</p>			<p>Hazy. Strato-cirrus in N.E. It is uncertain whether they have risen from there or not. Thunder showers fell from W. in evening with strong sea breeze.</p>			<p>Sunday. Scuds from S. A cold S.W. wind blew all day, & light showers S.W. soon after noon. The 'bank' kept about & light showers came up from S.W. soon after noon. Real white 'bank' showing.</p>			<p>The 'bank' soft white cumulus. The 'bank' kept about & light showers came up from S.W. soon after noon. A cold wind blew all day, turning to a sea breeze in the evening. A very light shower fell.</p>			<p>Showery - looking soft clouds in E. Very light rain fell all the forenoon, fittingly, then a night rise shower fell after noon.</p>		

September

1900.

St 317

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	55	56	61	58	56	55	53	61	61
Dry Bulb									
Wet Bulb									
Maximum	56.9	66.3	68.0	69.8	65.4	62.4	67.1	68.0	68.0
Minimum	34.1	34.4	48.0	41.4	43.8	38.1	45.9	43.2	42.2
Rain	0.03		0.02		0.		0.13	0.02	0.02
Evaporation—Amount									
Direction of Wind	N.W.	-	W.	W.S.W.	S.W.	W.S.W.	-	N.W.	S.W.
Force—0 to 6	2	0	2	3	3	2	0	2	2
Cloud—0 to 10	2	4	1	2	1	1	10	4	2
Remarks	White, soft cumulus from N.E. A most beautiful day. In the evening a breeze came & brought coal smoke.	Long, thin streamers of cirrus came over quite fast from W. The clouds grew thicker or all day, & in the evening very light rain fell. At 10 p.m., a rather light wind rose, from S.W.	Cumulus from W. A lovely day, with a fresh breeze from W.S.W. all day, changing to E.S.E. in evening.	White, soft cumulus morning pretty fast from W.S.W. The wind was not really cold all day. At 1.30 p.m., a few drops of rain fell. The bank appeared in the evening.	Cumulus from S., the bank just showing. Cold wind from S. Strato-cumulus spread over from E., early but seemed to go down again. The thin clouds had spread over by evening, and light rain fell in the night.	Very distant thin clouds in the W., and soft cumulus from S. Strato-cumulus spread over from E., early but seemed to go down again. The thin clouds had spread over by evening, and light rain fell in the night.	Light rain falling. Rain clouds in plenty of long, straight lines, with rather light caps among them, coming from N.W.W. The air just stirred from E.N.E. Thunder early. A very light shower passed over about 4 p.m.	Strato-cumulus from N.W. The wind grew pretty strong about 10-30 a.m., & a light shower fell soon after, from N.W. Bright afternoon.	Pretty white cumulus from S.W. Very clear. A good little shower fell about 1 p.m. from S.

September

1900.

St 312

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									
Barometer	60.	57.	56.	60.2	63.	64.	62.	63.	67.
Dry Bulb									
Wet Bulb									
Maximum	64.5	63.5	62.8	60.0	71.3	75.1	72.3	76.2	74.1
Minimum	53.3	45.7	44.2	43.3	44.0	44.2	54.8	47.4	52.2
Rain	0.05	0.	0.07	0.53			5.07	0.25	
Evaporation—Amount									
Direction of Wind	S.	E.S.E.	E.S.E.	N.W.	-	-	-	W.	-
Force—0 to 6	3	1	1	1	0	0	0	2	0
Cloud—0 to 10	5	7	10	5	1	9	8	1	8
Remarks	<p>Cumulus from S. Mild wind. Its clouds up & grew chilly about noon.</p>	<p>Rather heavy, low clouds from S.E. Slow, quiet light shower went about from different quarters in the afternoon. Thin clouds rose from W. at sunset.</p> <p>The breeze kept up very slightly from S.E. all the</p>	<p>Thick clouds all over seem to be from W. and send noisy pretty frequent showers in the hills. Thick, soft rain, pretty heavy, began about 10:30 a.m. Stopped during the afternoon. Clouds began to break in W. at sunset.</p>	<p>Soft, large foggy clouds, seem to be coming from various directions. Fog, early. A beautiful day, with a light mist, fitful breeze.</p>	<p>Long thin clouds from W. Fog, early. Thin clouds went over all day from W. A real sea breeze blew in the evening light & mild.</p>	<p>Cirrus from W. The thin clouds went over all day & thunder storms went round in the evening with rather loud thunder & some rain at 9 p.m.</p>	<p>Thick-looking thunder storm just coming up, with very loud peals of thunder. Thick fog, early. Heavy rain fell for a few minutes at 9:10 a.m. No more rain all day. The small pretty storms went round till sunset.</p>	<p>Small white cumulus. A most lovely day with a light W. breeze, changing very much to a sea breeze in the evening.</p>	<p>Cirro-cumulus from N.W.</p>

September

1900.

St 817

Date	24	25	26	27	28	29	30		
Time	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer									
Barometer	59	57	59	53	55	59	62		
Dry Bulb									
Wet Bulb									
Maximum	74.8	61.0	64.9	72.0	64.0	69.2	65.8		
Minimum	47.9	49.5	39.7	45.0	35.7	41.8	42.8		
Rain	0.20	0.11	0.06	0.01					Rain 1.31.
Evaporation—Amount									
Direction of Wind	W.S.W.	S.	N.W.	W. or N.W.	W.	E.S.E.	W.		
Force—0 to 6	2	3	2	2	1	2	1		
Cloud—0 to 10	9	7	0	0	0	1	1		
Remarks	Dark, low sands from S, and thin sort of clouds be- hind them must be from W, but may be from S. Light somewhatly came up with a bit of a rain, & a Light shower fell during the day from S. Cold wind.	Strato- cumulus & clouds from S. A heavy shower fell at noon from S. All the clouds went off at sunset.	Clear. Lovely morning The wind was strong all day & kept up slightly into the night. Lightning in evening. Some times in the night with a storm came up with heavy wind & some rain. Must have been from S.W.	Very clear. Cold wind. A brilliant day.	Clear. Cold wind. Small thin clouds rose from S. during the day, & a brisk breeze sprang up from S. in the evening, late.	Some very small thin clouds Thin streamers of clouds Kept about all day.	Pretty soft cumulus coming from N.E.		

October

1900

St 31

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									
Barometer	65	67		70	66	57	62	78.7	64
Dry Bulb									
Wet Bulb									
Maximum	73.4	76.0	70.3	84.0	78.7	66.9	64.4	79.0	85.4
Minimum	43.4	44.0	43.0	46.8	57.6	39.3	36.5	60.3	48.4
Rain					0.	0.			
Evaporation—Amount									
Direction of Wind	N.W.	-	Away in Westland	N.W.	W.S.W.	S.S.E.	W.	N.W.	E.N.E.
Force—0 to 6	2	0		1	2	2	2	3	1
Cloud—0 to 10	1	0		2	4	9	5	0	9
Remarks	<p>Cumulus. Hazy.</p> <p>Small thin clouds rose during the day from W.</p>	<p>Hazy.</p>	<p>Away in Westland</p> <p>Strong warm wind blew from N.W.</p>	<p>Thin clouds rising fast from W. or W.S.W. fog earlier.</p> <p>Cool, strong wind blew all day, & into the night, veering to W.</p>	<p>Dark clouds gathering in S. Like a shower.</p> <p>Cumulus moving fast from W.S.W. a few drops fell at 8 a.m.</p> <p>A few drops of rain fell at noon. Wind turned to S.E. in evening.</p>	<p>Strato-cumulus from S.</p> <p>A fitful breeze blew all day—only at intervals, then a sea breeze blew in the evening.</p>	<p>Thin clouds from W. rose in the night.</p> <p>The clouds kept about all day, & the wind blew pretty strong & warm all day & all night. It grew suddenly very warm just after 9 a.m. Local moon-light night.</p>	<p>Rather thick haze not much down on the hills as yet. Fairly warm wind.</p> <p>Have come down on the hills before noon & about 11:45 a.m. a cool sea breeze rose & brought seeds.</p> <p>Was not so very strong. Thin clouds rose in the night.</p>	<p>Thin clouds, with soft seeds below, moving from E.S.E. Very hazy.</p> <p>The clouds all began to go off at sunset.</p> <p>The soft ones went before noon.</p>

October

1900

St 31

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									
Barometer	65	67	69	56	56	61	61	63	70
Dry Bulb									
Wet Bulb									
Maximum	75.8	72.4	73.9	84.1	62.0	65.0	67.1	67.1	74.8
Minimum	46.2	44.0	45.0	50.3	42.5	39.7	52.0	45.0	42.0
Rain					0.		0.		
Evaporation—Amount									
Direction of Wind	N. S. W.	E. N. E.	-	S.	S.	S.	S. E.	E. N. E.	-
Force—0 to 6	2	1	0	3	2	3	2	1	0
Cloud—0 to 10	0	1	0	5	4	5	5	1	4
Remarks	A little heavy Chilly wind. A most beautiful day with a light breeze turning to a real sea breeze in the evening.	Small thin clouds from N.E. Very hazy.	Smoky. A warm strong wind blew all day from N.W. calming in the evening. At 9.15 p.m. a strong very cold southerly gale. It was blow steadily all night. Some small thunder clouds went down in the evening.	Small thin clouds with cumulus this side from S. Very cold wind. A good deal of cloud kept about through the day & evening, & at 8 p.m. a very little rain fell.	Cumulus from S. Not a very strong wind all day. It changed to S.E. in the evening; very cold Calmed down, & the clouds went off, at sunset More cloud came up towards morning.	Loft cumulus from S. A little very light rain fell in the night.	Rather large heavy clouds from S.E. Fairly mild wind. A very cold sea breeze blew in the evening, & all clouds vanished, but came back again in the night.	Small white scuds from E. A beau- tiful day with a gentle N.E. breeze, turning cold in the evening.	Thin clouds from W., or W. S. W. A very light W. breeze blew all day—warm. Thin clouds kept about in the night.

October -

1900

St 312

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									
Barometer	81	82	84	63	67	68	69	70	80
Dry Bulb									
Wet Bulb									
Maximum	87.1	92.0	96.1	90.3	67.6	80.2	82.2	78.0	85.7
Minimum	54.0	53.1	71.1	59.1	59.8	46.3	53.8	45.2	48.8
Rain			0.		0.14				
Evaporation—Amount									
Direction of Wind	N.W.	N.W.	W.S.W.	E.S.E.	W.N.W.	N.W.	S.W.	W.	N.W.
Force—0 to 6	2	2	2	2	2	3	2	1	4
Cloud—0 to 10	8	4	0	10	7	1	0	0	4

Remarks	Thin clouds. Warm winds. A hot wind blew all day and it became quite overcast in the evening, - only winds thin clouds however. A cool puff came from S.E. at 9. p.m.	Very heavy. Thin clouds from W. Warm wind. Strong hot wind blew all day, kept increasing up into the night. A storm passed over in the night, with a very wild wind & few drops rain. Seemed to be no electricity in it. Dark	Heavy. Fairly cool wind. A most dry, disagreeable kind of heat. - Bright, smoky day. At just 5.30 p.m. a gentle cool E.S.E. wind rose very soft & gradually brought up clouds at dark.	Grey, soft clouds from S.E. - with hazy very low. The sweetest day. The clouds kept about all day, with a gentle cool breeze. They looked like breaking up a little at dark, & showed thin, streaky ones behind. Light, quiet rain began at 10 p.m. & seemed to keep up thro' the night	Rain - clouds grey. Off from W. ^{and the storm} It was raining early. A heavy day. Soft clouds went over all day with a moderate wind. A cool fresh sea breeze sprang up at 3 p.m.	Thin clouds. Chilly wind. Clear. More thin clouds went over in the afternoon and the wind veered to W.S.W. & kept up most of the night.	Clear. Cool winds. A lovely day. A chilly sea breeze rose in the evening.	Very smoky. A fairly cool W. wind blew all day then at 5.30 p.m. a light, mild breeze sprang up from N.E.	Long lines of thin clouds coming over from W. Warm wind. The clouds grew quite thick before noon, & it was quite overcast by evening, & looked rather stormy. At 8.15 p.m. a good fresh southerly came up & very light rain began soon after & continued steadily all night. Quarter is uncertain
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October

1900.

St 317

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									
Barometer	54	64	72						
Dry Bulb									
Wet Bulb									
Maximum	90.4	65.0	73.0	80.0					
Minimum	56.3	39.4	45.4	46.7					
Rain	0.38	0.01					Rain 53.		
Evaporation—Amount									
Direction of Wind	S.E.	W.N.W.	-	W.N.W.					
Force—0 to 6	2	2	0	2					
Cloud—0 to 10	10	1	2	4					
Remarks	<p><i>Sunday.</i> Dark stormy - looking clouds from a thick shower that has just come from S.W. & S.E. Very cold wind.</p>			<p>Very small thin clouds from W. Not really cold wind. Very clear.</p>		<p>Thin clouds Rather stormy-looking clouds went over in the afternoon, from N.W. and a very light sea breeze was</p>			

November

1900.

56119

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	100°	once during November					(²¹)											
Barometer	82	88	64	63.5	62	69	62	46	46									
Dry Bulb																		
Wet Bulb																		
Maximum	86.8	95.2	91.2	69.9	66.0	65.3	82.9	66.0	91.5									
Minimum	54.0	69.1	58.4	54.1	52.1	58.2	56.0	58.2	60.0									
Rain		0.01	0.02	0.08		0.25												
Evaporation—Amount																		
Direction of Wind	N.W.	W.N.W.	S.E.	E.S.E.	N.E.	E.	S.E.	N.W.	E									
Force—0 to 6	2	2	2	3	2	2	3	2	2									
Cloud—0 to 10	2	9	10	10	10	8	10	9	1									
Remarks	<p>Cirro-stratus from N.W. Very thin clouds nearly all over from N.W. The thin clouds kept about all day & there was thunder in the afternoon. After cooling down well in the evening, a thunderstorm came up at 9.30 p.m. with a strong warm wind & little rain, N.W.</p>			<p>A real grey morning misty hills. The clouds broke up a little at noon, then towards evening the wind freshened & grew quite cold & a little shower fell in the night.</p>			<p>Rather Low, soft cloudy showers, looking, day clouds. Quite a cloudy day, with a cold wind. The cloud kept very thick and dark all the forenoon and at 11.45 a heavy, thick shower fell, from N.E. more light rain in the night.</p>			<p>Low, soft clouds moving over fast from N.E. Slightly showery. Thunderstorm rose at noon & passed round. Dry looking. In the night a very strong southerly rose.</p>			<p>Thick haze on the hills & scuds moving from S.E. A real grey morning, the wind is cold. Thick grey clouds kept about all day.</p>			<p>Thin cloud from N.W. No sea breeze rose. The E. breeze rose about 5 a.m. A little thunderstorm passed in the afternoon & the wind grew strong & cool then & brought scuds.</p>		

November.

1900.

St 319

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									
Barometer				40	85.3	89	81	63	65
Dry Bulb	66	72	65						
Wet Bulb									
Maximum	80.0	74.6	75.7	76.9	78.0	100.8	89.0	86.5	66.5
Minimum	58.1	59.7	59.2	58.4	53.2	70.0	62.3	58.6	60.0
Rain						0	0.20		1.32
Evaporation—Amount									
Direction of Wind	S.E.	S.E.	E.S.E.	-	N.W.	E.S.E.	-	E.S.E.	E.
Force—0 to 6	2	3	1	0	1	1	0	1	1
Cloud—0 to 10	10	2	10	9	0	8	10	10	10

Sunday

Sunday

at this time the readings of the Max. thermometer were noted down on the following morning.

Overcast with clouds like cirro-stratus, from E.S.E. A beautiful day, mostly cloudy from N.E., with a pleasant breeze. Lightning in the evening. It suddenly grew raining about 3 p.m. & thick light misty rain fell all the afternoon with strong S.E. wind. There was some thunder from W.S.W.

Cumulus from W.S.W. - rather like a storm, and a line of southern sea along the hills, with rose about 4 a.m., but the wind has only just got strong. It suddenly grew raining about 3 p.m. & thick light misty rain fell all the afternoon with strong S.E. wind. There was some thunder from W.S.W.

Thick sands from E.S.E. The breeze freshened up in the afternoon.

Strat. cirrus. from N.E. The clouds had all gone by sunset. A lovely day, with a gentle N.E. breeze. Rather hazy. Not really warm wind. The temp. did not reach 100° before noon. Small thunder-clouds were round & a few drops fell at 4 p.m. & again at 9.45, when a hot squall got up again from W.S.W.

Hazy. Thin clouds & some soft ones from W. [16th] The thin clouds kept about all day with sailing yet dry. Small thunder-clouds were round & a rather strong W.S.W. wind till 6.3 p.m., when a very strong southern rose suddenly.

One thin cloud all over. Quite the sea breeze freshened about noon & grew really cool. Thunder clouds went round, then fell with rather vivid lightning. Great thunder & lightning there.

A 'grey' morning - not really low clouds. Hazy hills. Some light rain fell in the forenoon then at 1.30 distant thunders began to sound. At 2 p.m. there was a great flash & a crash of thunder with it. Struck a green tree on the ridge. Good rain fell then, & all night. More

Thick, light, misty rain falling from E. Mild. About 9.30 a.m., thunder began from N. & soon after heavy rain fell. A succession of heavy thunder showers continued till noon. Almost no wind. Soft squalls pouring over from E.W. all the while. Very light rain fell afterwards on 9 till 5.30 p.m., when a storm came from S.W. with light rain & lovely effects of showers on the hills. Sweating change came up the hill with more rain.

November

1900

St 3129

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				69	69	71	75	78.8	69			
Barometer	63	59	62									
Dry Bulb												
Wet Bulb												
Maximum	70.5	66.6	65.7	66.1	76.2	78.1	81.8	83.0	94.0			
Minimum	57.3	51.3	54.0	47.2	48.4	50.8	53.7	54.0	63.0			
Rain	0.45	0.94	0.03	0					0.06			
Evaporation—Amount												
Direction of Wind	W.S.W.	S.	S.	N.W.	E.	E.N.E.	E.N.E.	N.	S.E.			
Force—0 to 6	4 to 5	4	2	1	2	2	2	1	2			
Cloud—0 to 10	10	8	8	3	5	1	1	1	9			
Remarks	<p>* Must have been the monsoon coming in, on top of the Antarctic disturbance both of which were predicted on Tues. 13th.</p> <p>Not really cold wind - Comes in very violent gusts southerly. Showery low clouds moving up very fast from S.S.W. Thin showers in the hills. Very light S.W. showers fell all the forenoon. Ceasing earlier than in the hills. Cloud of wind came over - seemed to be from W. This it may have been from S. At 7.30 p.m. light, steady rain set in.</p>			<p>Large, dark up south, & some showers going southerly. Cold wind. Clouds like showers on round to W. The wind and a few light little showers fell about all day from S., all going off in the evening.</p>			<p>Pretty, white soft summer from different quarters. A most beautiful day, with a light E. breeze turning very cool in the evening.</p>			<p>Beautiful sea haze and cloud shadows on the hills. White cumulus moving rather fast from N.E. In the afternoon very small thin clouds rose from N.W.</p>		
	<p>Very small thin clouds from W.</p>			<p>Very small thin clouds from W.</p>			<p>Cumulus some thunder clouds went round.</p>					
	<p>Small thin clouds in S.W.</p>			<p>Soft, low squalls, and hazy hills.</p>			<p>A storm went over very cloudy and a little rain fell. Southerly came up about 11 p.m.</p>					

Sunday

November -

December -

1900.

Date	28	29	30	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	67	81	86	70	69	74	71	75	72
Barometer									
Dry Bulb					100° once.				
Wet Bulb									
Maximum	69.1	78.0	92.0	98.0	74.8	73.0	76.9	69.9	82.5
Minimum	60.0	65.2	64.8	64.7	59.4	64.0	66.9	58.2	59.9
Rain	0.		0.	0.		0.06	1.14	0.48	0.
Evaporation—Amount			Rain 3.43.						
Direction of Wind	E.S.E.	N.W.	N.W.	S.E.	E.S.E.	N.N.E.	-	N.W.	S.E.
Force—0 to 6	2	1	2	3	2	1	0	1	2
Cloud—0 to 10	10	0	3	8	9	10	10	4	6
Remarks	Strato-cumulus from S.E. a little sultry. The clouds began to go off at noon. Rather cloudy, foggy night.	A little hazy. A few drops of rain fell from small clouds at noon, and a dry thunder storm went by in the evening.	Thin clouds from N.W. Not very warm wind. The wind was rather strong till 3 p.m. when thunder clouds rose. At 4.30 a. storm went over & there was one terrific report of thunder & crash together. A strong wind storm followed with a little rain.	Soft low sea from S.E. southerly rose at 4 a.m. A beautiful foggy day.	Strato-cumulus. Cloudy all day, more or less, and rain fell at 5.45 p.m. The sun was very light & rain came on from W. Shore fell in the night a light, chilly breeze kept up all the while from E.	Rather rainy-looking, dark clouds in W. Very light rain fell from severe thunder storms during the day. Then heavier rain fell through the night. Very calm all the time.	Rather heavy, steady rain fell from westerly thunderstorm. The rain ceased about noon, & the cloud began to break just before sun set - foggy sea came up from S. All fog in the night.	Large soft cumulus. Cool breeze. A most lovely day, & night - brilliant moonlight & soft cloud shadows. The wind very light & fitful all the forenoon & a gentle sea breeze after noon. Strato-cumulus rose at 5.15.	Large dark clouds in E. - rather rainy-looking. A very light sprinkle fell from E. at 6 a.m. More very light showers this day from S.E.

December

(2) (1) 1900.

Date	7	8	9	10	11	12	12	14	15
Time	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.	9 a.m.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer									
Barometer	68	74	74	68	66	73		72	76
Dry Bulb									
Wet Bulb									
Maximum	74.6	74.8	93.0	79.0	70.3	91.0	78.0	82.6	82.3
Minimum	54.5	52.5	55.6	54.4	59.2	64.8	53.3	56.1	50.1
Rain	0.02		0.	0.	0.	0.			
Evaporation—Amount									
Direction of Wind	E.S.E.	N.W.	-	S.	W.	W.	-	W.S.W.	W.
Force—0 to 6	1	2	0	1	1	2	0	2	1
Cloud—0 to 10	9	1	3	8	10	1	1	0	0

Remarks

Rather heavy clouds from E.S.E. A most lovely day with a sweet fresh breeze. All the soft clouds went off before sunset, when small cirrus rose from W.

Cirrus- stratus from N.W. Warm N.W. wind blew all day, and at 6.30 p.m. a strong southerly rose very chilly. and small cumulus clouds went over in the afternoon with a little shower.

Pretty white soft cumulus. A most beautiful day. with a very chilly sea breeze in the afternoon.

A very light shower (not misty) going over from S. Blue sky nearly all round horizon.

A most lovely, fine day. Very chilly sea breeze in evening. The very soft clouds went about in long straight lines from W.N.W. till sunset. from S.

Summit cumulo-cirrus, looks rather like rain. Some misty showers did so mainly from S.

The clouds broke up at noon, when thin clouds rose from W.

Thin clouds in E. from over from W.

Cirrus- stratus from W. A calm day. Thin clouds went over at noon, and a little rain fell. A very light large sea breeze rose in the afternoon, and in the night a breeze rose from W. & brought thick haze, & some clouds.

Very clear. The wind was quite cold, very cold, very cold. At noon a cool E.S.E. breeze rose - most refreshing after the W.S.W. ones.

A little hazy. A light W. breeze blew till 2 p.m. when a S.E. breeze rose. It kept beautifully mild all the evening.

December -

1900

Date	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									
Barometer	82	91.4	68	65	74	72		76	64
Dry Bulb									
Wet Bulb									
Maximum	90.5	94.2	103.0	73.1	68.0	92.0	86.0	90.6	81.0
Minimum	55.0	65.5	64.4	62.1	64.0	66.0	62.2	67.8	61.2
Rain				0.		1.33	0.03		0.17
Evaporation—Amount									
Direction of Wind		N.W.	E.	N.E.	N.E.	-	-	E.S.E.	S.S.E.
Force—0 to 6	1	2	2	1	2	0	0	1	2
Cloud—0 to 10	0	1	10	10	8	10	7	9	9
Remarks	Very distant small thin clouds in W. A very light N.W. breeze blew all day till 4 p.m. when a light, warm sea breeze rose beautifully cool night	Small grey clouds from S. A hot strong N.W. wind blew all day calming in the evening; it rose again in the night then at 1, or 2 a.m. a southerly rose	Soft grey mists from E., with thick W. haze behind. A sultry morning, then at noon the breeze freshened, & the clouds thickened again; Charming foggy afternoon. A sprinkle in the night.	Small showers going about from N.E. Cloudy, with a chilly wind all day. great thunder & lightning. No wind to speak of all the time.	Strato-Cumulus from N.E. The wind changed to N.W. before noon then thunder storms gathered all the afternoon. Steady rain fell from 8:30 to 4.5, then very heavy rain came on again at once with	Soft, low clouds from W. Very sultry. E. Sultry. Thunder storms went round this' morn' day. Thunder clouds went round in the afternoon, and the sea breeze got up again.	Soft, low clouds from E. Sultry. Thunder storms went round in the afternoon, and the sea breeze got up again.	Rather dark heavy clouds. The sea breeze grew stronger & stronger till it was quite chilly & strong by the afternoon. Quiet rain fell most of the afternoon from thunder storms.	Misty showers from S. A blue gap above the showers in S. Very light showers fell in the night.

* but the index. Spirit went down & left the index behind about half of it beyond what the cap of the spirit was.

was really about 60, if not a little more.

once with

1900.

December.

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									
Barometer	69	76	81	84	79	77	81		
Dry Bulb									
Wet Bulb									
Maximum	70.5	73.2	84.2	94.1	89.6	88.0	85.7		
Minimum	60.9	59.1	56.2	62.3	64.8	64.3	66.5		
Rain	0.				0.			Rain 35.3.	
Evaporation—Amount								38.32.	
Direction of Wind	E.S.E.	N.E.	-	-	E.S.E.	E.	N.W.		
Force—0 to 6	2	2	0	0	2	1	1		
Cloud—0 to 10	9	2	0	7	2	5	8		
Remarks	Rather dark heavy clouds. The dark clouds kept about nearly all day, the sun shone out well sometimes & a chilly wind blew all the time.	Cumulus. Lovely morning. A little sultry, with a cool sea breeze rose at 2 p.m.	Clear. Thin clouds began to rise from W. at noon. A very light sea breeze rose at 2 p.m.	Cirrus from W. The air is just stirring from S.E. A calm from noon, then at noon thunder clouds rose which passed round with 2 or 3 drops of rain. The sea breeze freshened a little in the afternoon.	Cumulus. More dry storm passed round. A sultry day.	Cumulus. from N.E. More dry storms passed round. Sultry.	Cirrus-stratus from W. Very light rain fell in the evening from quiet thunder storms sultry day.		

Heat
Barometer
Barometer
Barometer

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.
INSTRUMENT.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.	Reading.
Attached Thermometer ...	Ask Mr D								
Barometer ...	So infinitesimal as only to be discovered by Scientists.								
Dry Bulb ...	If a cup of tea is hotter at the top than the bottom								
Wet Bulb ...									
Maximum ...									
Minimum ...	2. About Sistrum								
Rain ...	3. If the Royal Academy Pictures are engraving								
Evaporation—Amount ...									
Direction of Wind ...	4. What the numbers are at the foot of the notes in the old book of Psalm tunes.								
Force—0 to 6 ...									
Cloud—0 to 10 ...	Does not know								
Slurred dot. ...	5. What the signs are in the "Turkish Corpus" book.								
Does not know ...	6. Also in Gray's old book.								
Remarks	Carpentering jobs. Lock on Kitchen door (Western). Small shelf behind knife bench Set shelves over Pantry table Little cupboard somewhere in kitchen More shelves in passage for books A lid for the white bucket Sauce pan lids								

Dickens - "Dombey & Son" "A Tale of Two Cities"
"David Copperfield"

C. M. Yonge - "The Prince & The Page"
"The Banquet of Lynwood"

Scott - "The Bride of Lammermoor"

Kingsley - "Geast" "Hereward the Wake"
"Alton Locke" "Hypatia"

Mrs Ewing

Miss Alcott

Charlotte Brontë - "Shirley" "Villette"

Mrs Walford - "The Baby's Grandmother"
"One of Ourselves" "M. Smith"
"Troublesome Daughters"

Miss Wetherell

Marion Harland - "Alone" "The Hidden Path"
"Her Wedding Day" "Jessamine"

George MacDonald - "Malcolm" "The
Marquis of Lossie"

Mrs Craik - "John Halifax, Gentleman"

M. S. Cummins - "Mabel Vaughan"
"The Lamp Lighter"

R. D. Blackmore - "Lorna Doone"

Mrs Molesworth

Helen Shipton

Crona Temple

Mrs Gatty

THE PATRIOTIC FUND.

May 24.

1900.

MILITARY STAMPS.

MELBOURNE, Wednesday. 23

The military stamps which the Post Office Department has determined to issue for the purpose of increasing the Patriotic Fund were received from the Government Printer yesterday. The issue consists of 20,000 of the face value of 2d each and 40,000 of the face value of 1d each, to be sold at 2s and 1s each. They are beautiful stamps, and the designs are unique. One is in green colours, and represents two mounted scouts meeting an infantry picket on a South African kopje. The other is in bronze colours, and represents a Victoria Cross. A large number have been ordered, and will be sent out to-day. The remainder will be placed on sale at all the stamp windows of the various post-offices. A portion of the issue will be forwarded to the Agent-General in London for sale there.