LIBRARY
NOAA
U.S Dep. of Commerce

Oversize
QC
987
.G84
M48
1918

GRENADA.

METEOROLOGICAL REPORT FOR 1918

RICHMOND HILL,
GRENADA,
3rd January, 1919.

Sir,—I have the honour to forward herewith the Annual Meteorological Return for the Richmond Hill Station for the year 1918.

The rainfall was 81.40 inches, 6.85 more than 1917, and 3.77 more than the average for the past 3 years.

The maximum temperature in the sun was 138 on several dates, and in the shade 90.0 on the 4th September.

The minimum in the shade was 69.0 on several dates.

I have, etc.,

CHARLES RIGGS,
Met. Observer.

Hon'ble COLONIAL SECRETARY,
&c., &c., &c.
Grenada.

MONTHLY Rainfall of this Station for 27 years—1892-1918.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1892	4.37	0.81	6.82	5.38	10.79	18.80	15.10	8.86	11.31	6.58	6.28	10.79	105.89
3	3.80	4.19	1.11	5.93	10.80	8.12	14.31	10.59	5.20	4.00	9.48	6.99	84.52
4	3.11	2.71	3.36	2.32	1.99	4.30	3.53	6.78	12.16	10.55	9.23	7.84	67.88
5	5.09	4.87	3.43	4.05	3.41	6.20	7.80	6.08	11.83	5.91	14.61	5.07	78.47
6	4.35	3.45	3.70	5.91	10.16	8.16	10.75	8.81	8.49	4.14	20.90	11.12	99.94
7	6.10	2.03	6.04	2.06	5.88	8.15	7.51	8.16	11.55	5.23	9.01	11.92	83.64
8	2.65	2.16	1.41	1.66	0.77	10.09	10.24	19.11	12.02	7.74	7.57	6.33	81.75
9	9.10	7.16	2.85	1.05	0.49	6.14	6.67	8.99	5.31	5.68	6.03	4.82	64.29
1900	3.58	4.31	1.94	2.38	7.51	6.90	8.81	7.40	4.79	5.23	4.44	6.16	63.45
1	5.93	1.33	4.17	0.71	4.87	8.28	12.58	9.90	8.29	9.66	10.26	18.17	92.15
2	4.22	1.08	1.33	2.08	2.80	9.18	12.02	12.12	7.08	5.63	7.85	4.80	70.19
3	5.09	2.27	2.48	0.65	1.42	8.73	10.00	14.59	9.51	9.11	2.55	12.49	78.89
4	5.62	3.33	4.40	3.55	3.46	7.31	8.67	10.78	9.14	1.57	5.39	6.59	69.61
5	2.92	2.11	4.70	2.95	4.61	6.64	10.28	11.64	5.42	8.73	12.23	5.66	77.89
6	2.02	1.92	1.68	0.46	5.48	12.90	11.18	11.87	4.27	14.20	9.89	7.40	83.27
7	2.54	2.54	3.04	1.29	4.44	6.10	10.73	5.65	8.36	2.90	6.08	5.37	59.04
8	2.72	1.78	1.99	1.10	4.71	6.04	7.37	6.86	6.71	11.40	4.59	13.17	68.44
9	4.61	5.15	1.02	3.82	5.79	12.20	12.42	7.70	6.86	11.84	5.03	4.10	80.54
1910	4.68	5.36	6.65	2.90	8.36	10.62	8.64	14.32	7.05	10.39	9.44	5.74	94.15
1	5.00	2.77	0.96	1.67	3.41	19.36	5.52	7.93	7.86	3.15	5.86	5.54	69.13
2	4.16	2.12	1.99	1.19	3.64	7.20	11.39	6.07	6.35	4.72	6.11	9.04	63.98
3	9.77	3.26	3.42	1.07	1.18	6.55	4.23	9.44	9.06	10.98	10.39	5.50	74.85
4	1.80	2.09	2.61	2.59	3.95	6.85	6.72	6.86	6.63	8.44	7.77	5.53	61.87
5	5.66	1.23	1.02	3.93	3.75	4.62	12.22	13.01	5.72	6.98	9.10	5.93	72.57
6	4.20	2.63	2.74	1.88	3.52	7.13	10.28	7.60	11.32	4.57	15.10	6.04	76.96
7	3.73	2.80	2.95	0.17	2.12	5.83	17.85	10.58	6.89	7.92	6.54	7.08	74.55
8	6.16	3.35	2.49	1.60	7.93	10.26	10.57	6.55	3.80	11.76	6.54	4.39	81.40
Average	4.56	2.53	2.90	2.41	4.70	9.73	9.90	9.54	8.05	8.49	7.71	7.54	77.01

LIBRARY
FEB 26 1924

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Climate Database Modernization Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

1918 [KK.—1.]

STATION--RICHMOND HILL. Long. 61°.44′.55″. W. Lat. 12°.5′.2″. N. H=509 ft.

Months.	Mean Pressure.	Air Temperature. Attached Therm.	Dry Bulb.	Wet Bulb.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Date.	Max.	Date.	Tension of Vapour. 9 a.m.	6 p.m.	Relative Humidity. 9 a.m.	6 p.m.
January ...	29.961	76.0	77.0	72.0	5.0	71.0	82.0	69.0	16th	87.0	3rd	.709	.713	77.0	77.0
February ...	29.973	75.0	76.0	71.0	5.0	71.0	82.0	69.0	1st	84.0	10th	.689	.681	77.0	74.0
March ...	29.964	76.0	77.0	71.0	6.0	71.0	82.0	69.0	1st	85.0	26th	.654	.645	70.0	71.0
April ...	29.890	78.0	79.0	72.0	7.0	72.0	84.0	69.0	25th	86.0	2nd	.688	.688	70.0	72.0
May ...	29 905	79.0	80.0	75.0	5.0	74.0	85.0	69.0	31st	87.0	1st	.781	.761	76.0	75.0
June ...	29.940	79.0	76.0	75.0	1.0	73.0	83.0	70.0	11th	83.0	8th	.805	.783	75.0	79.0
July ...	29.960	79.0	80.0	75.0	5.0	74.0	83.0	70.0	7th	87.0	17th	.791	.772	75.0	79.0
August ...	29.952	80.0	81.0	76.0	5.0	75.0	86.0	71.0	15th	89.0	31st	.837	.801	76.0	76.0
September...	29.929	81.0	82.0	77.0	5.0	76.0	86.0	72.0	13th	90.0	4th	.820	.790	76.0	76.0
October ...	29.889	81.0	81.0	77.0	4.0	75.0	85.0	72.0	2nd	88.0	7th	.825	.821	80.0	81.0
November ...	29.903	80.0	81.0	76.0	5.0	75.0	84.0	73.0	9th	86.0	5th	.829	.789	79.0	80.0
December ...	29.938	78.0	79.0	74.0	5.0	71.0	83.0	71.0	3rd	86.0	31st	.741	.727	76.0	77.0
Means ...	29.934	78.6	79.1	14.3	4.10	73.5	83.9	70.4		86.2		.764	.748	75.7	76.5

ht.=5 feet. hr.=2 feet. RICHMOND HILL STATION.

Months.	Amount of Cloud. 9 a.m.	6 p.m.	Rainfall. Total	Max.	Date	Weather. No. of days of Rain	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales	Wind. No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January ...	4.0	4.0	6.16	1.82	21st	21		...	21	10	...	...	3	15	...	...	...	...	...	13
February ...	5.0	3.0	3.35	0.78	24th	19		...	17	11	...	...	2	17	1	...	...	...	...	8
March ...	3.0	2.0	2.49	0.66	1st	17		...	26	5	...	...	1	24	...	...	...	...	...	6
April ...	4.0	5.0	1.60	0.33	4th	10		...	27	3	...	...	...	21	1	...	...	...	...	8
May ...	5.0	5.0	7.93	3.50	29th	15		...	17	14	...	...	1	14	5	...	...	...	...	11
June ...	5.0	4.0	10.26	2.90	10th	21		2	14	6	...	...	1	17	2	...	...	...	...	10
July ...	4.0	4.0	10.57	1.55	6th	18		2	19	12	...	...	...	21	3	...	...	...	...	7
August ...	4.0	3.0	6.55	1.52	14th	16		1	22	9	...	...	...	21	...	...	...	...	...	10
September ...	4.0	3.0	9.80	3.20	16th	15		2	21	9	...	...	...	13	6	...	...	...	...	11
October ...	4.0	4.0	11.76	2.30	27th	22		1	15	16	...	...	1	17	4	...	...	...	...	9
November ...	4.0	4.0	6.54	0.98	26th	25		...	19	11	...	...	1	18	5	...	...	...	...	6
December ...	5.0	4.0	4.39	0.8[illegible]	22nd	16		...	25	6	...	...	2	19	...	...	...	...	...	9
Means ...	4.3	3.9	6.78	1.69		17.11		[illegible]	20.3	9.4	...	...	1.0	18.1	2.3	...	...	...	...	9.0

H=Height above mean sea level. ht.=Height of the Therms above the ground in feet. hr.=Height of the Raingauge above the ground in feet.

Month of January, 1918.

Latitude 12° 5′ 2″ N. Longitude 61° 45′ 55″ W. Height of Barometer Cistern above Mean Sea Level 569 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.—9 a.m. 9h. II.—6 p.m. 18h. Hour of reading & setting max. & min. Thermomtr 9 a.m.
Gravity Correction .070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 507 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Attached Thermometer. Barometer at read. 9 a.m.		6 p.m.		Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	9 a.m. Max.	Min.	Humidity. Dep. of Wet. 9 a.m.	6 p.m.	Vapour Pressure. 9 a.m.	6 p.m.	Per Centage. 9 a.m.	6 p.m.	Wind. Direction and Force. In 15 hrs.	In 9 hrs.	Cloud. Amount. 9 a.m.	6 p.m.	Form. 9 a.m.	6 p.m.	Direction whence coming. 9 a.m.	6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	during interval end at 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine. Estimated Duration.	Radiation. M. in Sun. Black Bulb in vacuo.	REMARKS.
	in.		in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.													ins	hrs	hrs.		
74.0	29.540	78.0	29.470	1	29.892	29.809	73.0	72.0	76.0	72.0	80.0	70.0	1.0	4.0	.766	.713	84.0	79.0	C. 11	C. 6	10	8	N.	C.I.-C.U.	—	—	o	c	b c	0.10	¼	2	120.0	O/cast at intervals.
77.0	29.540	79.0	29.520	2	29.880	29.856	77.0	74.0	75.0	74.0	85.0	71.0	3.0	1.0	.782	.820	84.0	94.0	E. 49	C. 38	8	8	C.I.-C.U.	N.	—	—	c	c	b c	0.05	¼	6	138.0	,,
77.0	29.570	80.0	29.526	3	29.909	29.858	78.0	74.0	77.0	74.0	87.0	72.0	4.0	3.0	.765	.783	79.0	84.0	C. 19	C. 32	—	—	—	—	—	—	b	b	b	0.06		10	138.0	Very warm day.
75.0	29.580	78.0	29.502	4	29.827	29.839	75.0	73.0	77.0	74.0	82.0	72.0	2.0	3.0	.774	.783	89.0	84.0	C. 24	C. 36	8	8	N.	N.	—	—	c	c	b	0.00	—	10	137.0	,,
77.0	29.520	80.0	29.540	5	29.860	29.872	77.0	74.0	77.0	73.0	82.0	73.0	3.0	4.0	.783	.790	84.0	79.0	C. 31	C. 26	4	6	N.	N.	—	—	b c	c	b	0.09	½	10	135.0	,,
77.0	29.640	80.0	29.586	6	29.979	29.917	78.0	72.0	78.0	73.0	81.0	72.0	6.0	5.0	.681	.722	71.0	75.0	E. 55	N.E. 48	4	6	C.U.	C.U.	E	NE	b c	c	b	0.00	—	10	130.0	,,
77.0	29.634	83.0	29.606	7	29.973	29.929	78.0	73.0	78.0	73.0	83.0	73.0	5.0	5.0	.722	.722	75.0	75.0	C. 37	E. 69	4	2	C.U.	C.U.	E	E	b c	b c	b	0.37	½	10	133.0	,,
77.0	29.670	77.0	29.690	8	30.081	29.939	76.0	72.0	78.0	75.0	79.0	71.0	4.0	3.0	.713	.810	79.0	84.0	C. 26	E. 26	4	10	N.	N.	—	E	b c	o	b	0.00	—	10	121.0	Delightful weather.
76.0	29.624	82.0	29.590	9	29.997	29.885	77.0	72.0	78.0	73.0	84.0	72.0	5.0	5.0	.697	.722	75.0	75.0	C. 17	C. 27	4	—	C.U.	—	—	—	b c	b	b	0.00	—	10	138.0	,,
75.0	29.620	80.0	29.560	10	29.995	29.892	77.0	71.0	77.0	70.0	83.0	70.0	6.0	7.0	.658	.620	71.0	67.0	C. 33	C. 16	—	6	—	C.I.-C.U.	—	—	b	c	b	0.05	¼	10	135.0	,,
77.0	29.640	81.0	29.580	11	29.978	29.908	79.0	73.0	78.0	72.0	84.0	72.0	6.0	6.0	.707	.681	71.0	71.0	C. 17	C. 51	6	—	C.I.-C.U.	—	—	—	c	b	b	0.06	—	10	138.0	,,
77.0	29.640	81.0	29.608	12	29.979	29.937	78.0	73.0	77.0	72.0	83.0	73.0	5.0	5.0	.722	.697	75.0	75.0	E. 81	C. 32	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	135.0	,,
78.0	29.670	82.0	29.620	13	30.005	29.955	79.0	71.0	78.0	72.0	84.0	72.0	8.0	6.0	.628	.681	63.0	71.0	E. 78	C. 34	2	8	C.U.	N.	E	E	b c	c	b	0.30	½	10	138.0	,,
77.0	29.640	81.0	29.580	14	29.978	29.908	79.0	73.0	78.0	71.0	84.0	72.0	8.0	7.0	.707	.642	71.0	67.0	E. 80	C. 30	2	—	C.U.	—	E	—	b c	b	b	0.13	½	10	134.0	,,
76.0	29.604	79.0	29.540	15	29.948	29.875	76.0	71.0	76.0	70.0	81.0	72.0	5.0	6.0	.672	.633	75.0	71.0	E. 78	E. 102	2	2	C.U.	N.	E	E	b c	b c	b	0.32	¼	6	134.0	O/cast at intervals.
74.0	29.614	77.0	29.550	16	29.966	29.892	73.0	69.0	75.0	71.0	80.0	69.0	4.0	4.0	.641	.690	78.0	79.0	N.E. 170	E. 81	6	—	N	—	NE	—	c	b	b	0.28	¼	6	130.0	,, Fresh breeze.
74.0	29.610	77.0	29.550	17	29.963	29.892	72.0	71.0	75.0	70.0	80.0	70.0	1.0	5.0	.739	.650	94.0	74.0	E. 159	E. 85	10	6	N.	N.	E	E	r	c	b c	0.33	½	4	130.0	,, ,,
77.0	29.620	80.0	29.560	18	29.959	29.892	78.0	72.0	77.0	72.0	80.0	71.0	6.0	5.0	.681	.697	71.0	75.0	E. 163	E. 77	2	4	C.U.	N.	E	E	b c	b c	b c	0.29	½	4	130.0	,, ,,
77.0	29.620	80.0	29.550	19	29.960	29.862	77.0	69.0	77.0	72.0	81.0	72.0	8.0	5.0	.584	.697	63.0	75.0	E. 133	E. 63	—	2	—	C.U.	—	E	b	b c	b	0.00	—	10	133.0	Fine weather.
77.0	29.610	81.0	29.560	20	29.949	29.889	78.0	72.0	77.0	72.0	83.0	73.0	6.0	5.0	.681	.697	71.0	75.0	N.E. 82	E. 86	6	2	N.	C.U.	NE	E	c	b c	b	0.10	½	10	133.0	,, ,,
76.0	29.620	76.0	29.540	21	29.966	29.886	74.0	72.0	74.0	73.0	79.0	73.0	2.0	1.0	.748	.793	89.0	74.0	C. 84	C. 43	8	10	N.	N.	E	—	c	b	b c	1.82	3	2	128.0	O/cast and showery
77.0	29.614	80.0	29.564	22	29.955	29.897	76.0	74.0	76.0	73.0	82.0	71.0	2.0	3.0	.801	.756	89.0	84.0	E. 83	C. 70	6	4	C.U.	N.	E	—	c	b c	b	0.00	—	10	132.0	Bright warm day.
77.0	29.620	81.0	29.520	23	29.959	29.848	78.0	73.0	78.0	74.0	83.0	73.0	5.0	4.0	.722	.765	75.0	79.0	N.E. 79	E. 51	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	,,
78.0	29.626	81.0	29.570	24	29.961	29.898	79.0	74.0	78.0	73.0	83.0	74.0	5.0	5.0	.749	.722	75.0	75.0	E. 104	E. 105	—	2	—	N.	—	E	b	b c	b	0.00	—	10	134.0	,, Fresh breeze.
78.0	29.670	80.0	29.604	25	30.006	29.935	78.0	73.0	78.0	73.0	84.0	73.0	5.0	5.0	.722	.722	75.0	75.0	C. 106	E. 69	8	4	C.I.-C.U.	N.	E	E	c	b c	b	0.20	½	10	137.0	,, ,,
77.0	29.660	78.0	29.590	26	29.999	29.928	78.0	73.0	76.0	72.0	81.0	72.0	5.0	4.0	.722	.713	75.0	79.0	C. 112	E. 64	6	8	N.	N.	E	E	c	c	b c	0.35	½	10	130.0	,, ,,
75.0	29.630	79.0	29.542	27	29.979	29.877	73.0	70.0	76.0	71.0	81.0	70.0	3.0	5.0	.680	.672	84.0	75.0	C. 124	E. 94	10	2	N.	N.	E	E	r	b c	b c	0.03	¼	8	130.0	O/cast at intervals.
77.0	29.640	80.0	29.550	28	29.979	29.882	78.0	71.0	77.0	71.0	81.0	70.0	7.0	6.0	.642	.658	67.0	71.0	E. 174	E. 102	2	—	C.U.	—	E	—	b c	b	b	0.05	¼	8	131.0	,,
77.0	29.580	78.0	29.520	29	29.929	29.864	77.0	72.0	74.0	72.0	81.0	72.0	5.0	2.0	.697	.748	75.0	89.0	E. 118	E. 300	2	10	C.U.	N.	E	—	b c	r	b c	0.72	1	6	131.0	,, Strong breeze.
76.0	29.590	80.0	29.524	30	29.933	29.856	77.0	71.0	77.0	71.0	81.0	70.0	6.0	6.0	.658	.658	71.0	71.0	E. 201	E. 96	2	4	C.U.	C.I.-C.U.	E	E	b c	b c	b c	0.06	¼	6	131.0	,, ,,
74.0	29.596	80.0	29.534	31	29.948	29.866	73.0	71.0	77.0	72.0	82.0	70.0	2.0	5.0	.722	.697	89.0	75.0	E. 110	E. 92	4	—	N.	—	E	—	b c	b	b c	0.46	½	6	131.0	,, ,,
				Sums																			—	—	—	—		—	—					
76.0	29.550	80.0	29.556	Means	29.961	29.888	77.0	72.0	77.0	72.0	82.0	71.0	5.0	5.0	.709	.713	77.0	77.0	E. 85	E. 61	4.0	4.0	—	—	—	—		—	—	6.16		8.6	133.0	

Summaries.

Weather—
No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
21	0	0	0	21	10	0	

Wind—
No. of Observation

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.	
	13	0	3	15	0	0	0	0		—9 a.m.
	13	0	1	17	0	0	0	0		—6 p.m.

Highest corrected Reading of Barometer—30.081 on 8th
Lowest " " " —29.839 on 4th
Greatest Daily Rainfall — — 1.82 on 21st
No. of days with Rainfall .04 in or more— 20.0
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—87.0 on 3rd
Lowest " — 60.0 on 16th
Lowest Daily Maximum —120.0 on 1st
Highest Daily Minimum —188.0 on 2nd
Lowest Temperature on Grass

Total Rainfall from 1st to 31st January, 1918, ... Inches. 6 Parts 16
" for the corresponding period of last year 3 73

CHARLES RIGGS, *Observer.*

Month of February, 1918.

Latitude 12° 5′ 2″ N. Longitude 61° 45′ 55″ W. Height of Barometer Cistern above Mean Sea Level 509 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.–9 a.m. 9h. II.–6 p.m. 18h. Hours of reading & setting max. & min. Thermometer 9 a.m.
Gravity Correction 070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 307 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Attached Thermometer. Barometer as read. 9 a.m.		6 p.m.		Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	Max.	Min.	Humidity. Dep. of Wet. 9 a.m.	6 p.m.	Vapour Pressure. 9 a.m.	6 p.m.	Per Centage. 9 a.m.	6 p.m.	Wind. Direction and Force. In 15 hrs.		In 9 hrs.		Cloud. Amount. 9 a.m.	6 p.m.	Form. 9 a.m.	6 p.m.	Direction whence coming. 9 a.m.	6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	during intervals and at 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine. Estimated Duration.	Radiation. Max. in Sun. Black bulb in vacuo.	REMARKS.
	in.		in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.																	in.	h.m.	ctrs.		
75.0	29.640	79.0	29.580	1	29.996	29.915	72.0	71.0	76.0	71.0	80.0	69.0	1.0	5.0	.739	.672	94.0	75.0	E.	126	E.	82	10	—	N.	—	E	—	r	b	b	0.03	¼	10	133.0	Nice cool weather—Stormy breeze.
76.0	29.660	81.0	29.622	2	30.004	29.950	76.0	73.0	78.0	72.0	82.0	71.0	3.0	6.0	.756	.681	84.0	71.0	E.	110	S.E.	74	6	—	N.	—	E	—	c	b	b	0.09	—	10	131.0	" "
77.0	29.708	80.0	29.616	3	30.045	29.947	79.0	72.0	78.0	69.0	81.0	73.0	7.0	9.0	.666	.571	67.0	59.0	E.	153	E.	183	—	—	—	—	—	—	b	b	b	0.12	½	10	130.0	" "
76.0	29.680	80.0	29.610	4	30.022	30.942	78.0	72.0	77.0	72.0	82.0	71.0	6.0	5.0	.681	.697	71.0	75.0	C.	179	C.	60	2	2	C.U.	C.U.	E	E	b c	b c	b	0.05	¼	10	133.0	" "
77.0	29.670	80.0	29.610	5	30.009	29.942	78.0	72.0	77.0	71.0	83.0	72.0	6.0	6.0	.681	.658	71.0	71.0	E.	93	C.	52	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	" Fresh "
77.0	29.762	81.0	29.640	6	30.089	29.968	78.0	73.0	78.0	71.0	81.0	73.0	6.0	7.0	.681	.642	71.0	67.0	E.	86	E.	76	4	2	C.U.	C.U.	E	E	b c	b c	b	0.05	¼	10	128.0	"
76.0	29.670	80.0	29.590	7	30.015	29.922	75.0	71.0	77.0	71.0	81.0	72.0	4.0	6.0	.690	.658	79.0	71.0	E.	88	C.	90	8	2	N.	C.U.	E	E	c	b c	b	0.12	¼	10	135.0	"
75.0	29.640	81.0	29.570	8	29.987	29.899	75.0	71.0	77.0	71.0	83.0	71.0	4.0	6.0	.690	.658	79.0	71.0	E.	109	E.	70	8	—	N.	—	E	—	c	b	b	0.00	—	10	136.0	"
76.0	29.640	81.0	29.558	9	29.982	29.886	78.0	70.0	78.0	71.0	83.0	71.0	8.0	7.0	.605	.642	63.0	67.0	E.	55	C.	60	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	" Fresh "
76.0	29.630	79.0	29.540	10	29.973	29.875	77.0	72.0	75.0	71.0	84.0	72.0	5.0	5.0	.697	.672	75.0	75.0	E.	65	C.	61	6	4	C.U.	C.U.	E	E	c	b c	b	0.00	—	10	136.0	"
75.0	29.624	79.0	29.570	11	29.971	29.915	75.0	69.0	76.0	71.0	84.0	72.0	6.0	5.0	.612	.672	70.0	75.0	N.E.	83	C.	71	—	8	—	C.I.-C.U.	—	—	b	c	b	0.38	½	10	136.0	"
76.0	29.640	78.0	29.580	12	29.986	29.919	74.0	72.0	75.0	72.0	82.0	70.0	2.0	3.0	.718	.731	89.0	84.0	E.	97	E.	77	8	4	N.	N.	E	E	c	b c	b c	0.07	¼	10	134.0	"
75.0	29.650	77.0	29.590	13	29.996	29.932	76.0	71.0	75.0	71.0	81.0	71.0	5.0	4.0	.672	.690	75.0	79.0	E.	93	E.	75	—	8	—	N.	—	E	b	c	b c	0.00	—	10	132.0	"
77.0	29.640	80.0	29.570	14	29.979	29.902	78.0	71.0	77.0	71.0	82.0	72.0	7.0	6.0	.642	.658	67.0	71.6	C.	98	E.	71	2	—	C.U.	—	—	—	b c	b	b	0.00	—	10	134.0	"
75.0	29.614	79.0	29.540	15	29.961	29.875	75.0	72.0	76.0	72.0	82.0	72.0	3.0	4.0	.731	.713	84.0	79.0	E.	82	E.	70	2	2	C.U.	C.U.	E	E	b c	b c	b	0.13	¼	10	133.0	"
76.0	29.604	82.0	29.550	16	29.946	29.875	78.0	71.0	78.0	73.0	83.0	72.0	7.0	6.0	.642	.681	67.0	71.0	N.E.	82	N.E.	56	—	—	—	—	—	—	b	b	b	0.27	¼	10	134.0	"
76.0	29.630	79.0	29.560	17	29.973	29.895	77.0	78.0	76.0	72.0	81.0	71.0	4.0	4.0	.713	.713	79.0	79.0	E.	81	E.	86	4	6	N.	C.I.-C.U.	E	—	b c	c	b c	0.10	¼	10	133.0	O/cast at intervals.
75.0	29.640	80.0	29.580	18	29.986	29.912	76.0	71.0	77.0	72.0	79.0	72.0	5.0	5.0	.672	.697	75.0	75.0	E.	113	E.	70	8	8	N.	C.I.-C.U.	E	E	c	c	b c	0.05	¼	8	127.0	"
75.0	29.640	76.0	29.570	19	29.986	29.915	76.0	71.0	75.0	72.0	83.0	71.0	5.0	3.0	.672	.731	75.0	84.0	C.	39	E.	61	10	8	A.S.	N	—	E	o	c	b c	0.25	¼	8	133.0	"
75.0	29.620	80.0	29.570	20	29.967	29.901	75.0	70.0	78.0	71.0	83.0	70.0	5.0	7.0	.650	.642	74.0	67.0	C.	74	C.	38	10	10	A.S.	A.S.	—	—	o	o	b c	0.60	—	10	132.0	Bright warm day.
75.0	29.542	80.0	29.552	21	29.889	29.884	75.0	71.0	77.0	71.0	81.0	70.0	4.0	6.0	.690	.658	79.0	71.0	C.	33	C.	50	—	—	—	—	—	—	b	b	b c	0.31	½	8	126.0	O/cast at intervals.
74.0	29.580	80.0	29.540	22	29.981	29.873	74.0	70.0	76.0	71.0	83.0	69.0	4.0	5.0	.664	.672	79.0	75.0	C.	30	C.	12	8	6	C.I.S.	C.I.S.	—	—	c	c	b c	0.17	½	8	138.0	"
75.0	29.606	81.0	29.590	23	29.951	29.889	77.0	73.0	77.0	72.0	82.0	70.0	4.0	5.0	.739	.697	79.0	75.0	S.E.	20	C.	43	8	—	C.I.S.	—	—	—	c	—	b	0.06	¼	10	132.0	Bright warm day. [7.10 p.m.
75.0	29.636	78.0	29.552	24	29.985	29.890	73.0	71.0	76.0	72.0	80.0	70.0	2.0	4.0	.722	.613	89.0	79.0	E.	50	E.	61	10	8	N.	N.	E	E	r	c	b c	0.78	1	6	118.0	Slight shock of earthquake about
75.0	29.620	78.0	29.534	25	29.968	29.902	74.0	72.0	76.0	72.0	79.0	69.0	2.0	4.0	.748	.613	89.0	79.0	E.	56	E.	48	10	8	N.	C.I.-C.U.	E	E	o	c	b c	0.06	½	8	127.0	O/cast, at intervals.
76.0	29.590	80.0	29.520	26	29.934	29.853	76.0	73.0	76.0	72.0	81.0	71.0	4.0	4.0	.713	.613	79.0	77.0	C.	68	E.	39	8	8	C.I.-C.U.	C.I.-C.U.	—	E	c	c	b c	0.05	½	8	131.0	"
75.0	29.570	82.0	29.540	27	29.916	29.865	76.0	72.0	78.0	72.0	83.0	72.0	4.0	6.0	.713	.681	79.0	71.0	C.	73	C.	54	6	—	N.	—	E	—	c	b	b	0.00	—	10	134.0	Bright warm day.
76.0	29.550	82.0	29.560	28	29.913	29.888	79.0	72.0	75.0	72.0	83.0	72.0	7.0	3.0	.666	.731	67.0	84.0	E.	48	C.	56	2	—	C.U.	—	E	—	b c	—	b	0.30	¼	10	136.0	"
																									—	—	—	—		—	—	3.35	—	—	—	
75.0	29.631	79.0	29.570	28 means	29.973	29.869	76.0	71.0	77.0	72.0	82.0	71.0	5.0	5.0	.689	.681	77.0	74.0	E.	82	E.	63	5.0	3.0	—	—	—	—		—	—	19 Days	2.5 2.8	9.0	132.0	

Summaries.

Weather— No. of days of

Rain.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gales.
19	0	0	0	17	11	0	

Wind— No. of Observation at

	Forces 4-7.	Calm.	N.	NE.	E.	SE.	S.	SW.	NW.	
	8	0	2	17	1	0	0	0		—9 a.m.
	12	0	1	14	1	0	0	0		—6 p.m.

Highest corrected Reading of Barometer—30.080 on 6th
Lowest " " " —29.853 on 26th
Greatest Daily Rainfall — 0.78 on 24th
No. of days with Rainfall .04 in or more— 18
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—84.0 on 10th
Lowest " — 69.0 on 1st
Lowest Daily Maximum —118.0 on 24th
Highest Daily Minimum —138.0 on 22nd
Lowest Temperature on Grass

Total Rainfall from 1st to 28th February, 1918, ... inches. 3 Parts 35
" for the corresponding period of last year 2 89

CHARLES RIGGS, Observer

[KK—3.]

Month of March, 1918.

Latitude 12° 6′ 2″ N. Longitude 61° 45′ 55″ W. Height of Barometer Cistern above Mean Sea Level 50.9 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.–9 a.m. 9h. II.–6 p.m. 18h. Hour of reading & setting max. & min. Thermometr
Gravity Correction .070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 507 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Barometer as read. 9 a.m.	Barometer as read. 6 p.m.	Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	Air Pressure 6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	9 a.m. Max.	9 a.m. Min.	Humidity. Dep. of Wet. 9 a.m.	Dep. 6 p.m.	Vapour Pressure. 9 a.m.	Vapour Pressure 6 p.m.	Per Centage. 9 a.m.	Per Centage 6 p.m.	Wind. Direction and Force. In 15 hrs.		In 9 hrs.	Cloud. Amount. 9 a.m.	Amount 6 p.m.	Form. 9 a.m.	Form 6 p.m.	Direction whence coming. 9 a.m.	Direction 6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	during interval end last 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine Estimated Duration.	Radiation. M. in Sun, Black Bulb in vacuo.	REMARKS.
in.	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.																ins.	ins.	hrs.		
74.0	29.590	73.0	29.510	1	29.943	29.868	72.0	70.0	70.0	68.0	73.0	69.0	2.0	2.0	.696	.651	89.0	88.0	E.	41	C.	47	8	10	N.	N.	E	E	c	r	c	0.66	6	2	136.0	O/cast nearly the whole day.
74.0	29.520	80.0	29.520	2	29.943	29.842	74.0	70.0	77.0	70.0	82.0	69.0	4.0	7.0	.664	.620	79.0	67.0	N.E.	71	N.E.	64	1	—	C.U.	—	NE	—	b c	b	b	0.00	—	10	115.0	Bright warm day.
75.0	29.590	81.0	29.550	3	29.933	29.878	77.0	70.0	78.0	73.0	82.0	72.0	7.0	5.0	.620	.722	67.0	75.0	E.	40	E.	55	2	4	C.U.	N.	E	E	b c	b c	b	0.25	¼	10	133.0	"
75.0	29.620	80.0	29.590	4	29.966	29.922	76.0	72.0	77.0	70.0	81.0	69.0	4.0	7.0	.713	.620	79.0	67.0	E.	78	E.	96	2	6	C.U.	C.U. C.U.	E	E	b c	c	b	0.06	¼	10	136.0	"
76.0	29.624	79.0	29.560	5	29.967	29.895	77.0	71.0	76.0	71.0	81.0	72.0	6.0	5.0	.658	.672	71.0	75.0	E.	98	E.	90	4	4	C.U.	C.U. C.U.	E	E	b c	b c	b	0.07	¼	10	132.0	"
75.0	29.620	80.0	29.540	6	29.966	29.873	76.0	71.0	76.0	69.0	81.0	71.0	5.0	7.0	.672	.596	75.0	67.0	E.	143	E.	88	8	—	N.	—	E	—	c	b	b	0.00	—	10	134.0	"
76.0	29.650	79.0	29.530	7	29.995	29.864	75.0	71.0	77.0	71.0	82.0	72.0	4.0	6.0	.690	.658	79.0	71.0	E.	92	E.	91	4	—	C.U.	—	E	—	b c	b	b	0.06	¼	10	132.0	"
76.0	29.630	80.0	29.560	8	29.972	29.892	73.0	71.0	77.0	71.0	83.0	72.0	7.0	6.0	.642	.658	67.0	71.0	E.	130	E.	89	4	—	N.	—	E	—	b c	b	b	0.00	—	10	135.0	"
77.0	29.614	80.0	29.540	9	29.953	29.872	78.0	71.0	77.0	72.0	84.0	72.0	7.0	5.0	.642	.697	67.0	75.0	E.	110	E.	59	2	6	C.U.	C.U. C.U.	E	E	b c	c	b	0.00	—	10	134.0	"
76.0	29.584	78.0	29.510	10	29.927	29.847	77.0	72.0	77.0	71.0	81.0	72.0	5.0	6.0	.697	.658	75.0	71.0	E.	83	E.	74	8	8	C.U. C.U.	C.U. C.U.	E	E	c	c	b c	0.00	—	10	137.0	"
77.0	29.584	80.0	29.530	11	29.921	29.861	80.0	73.0	78.0	73.0	84.0	72.0	7.0	5.0	.690	.722	67.0	75.0	C.	59	C.	23	4	6	C.U.	N.	E	E	b c	c	b c	0.08	¼	10	131.0	"
77.0	29.614	80.0	29.574	12	29.963	29.998	76.0	73.0	77.0	71.0	83.0	69.0	3.0	6.0	.756	.658	84.0	71.0	C.	22	C.	44	4	4	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	137.0	"
77.0	29.622	81.0	29.564	13	30.961	29.893	78.0	70.0	77.0	71.0	83.0	73.0	8.0	6.0	.605	.658	63.0	71.0	E.	92	E.	98	—	—	—	—	—	—	b	b	b	0.08	¼	10	137.0	"
76.0	29.640	81.0	29.590	14	30.982	29.919	78.0	72.0	77.0	71.0	81.0	72.0	6.0	6.0	.681	.658	71.0	71.0	E.	90	E.	88	2	—	C.U.	—	E	—	b c	b	b	0.13	¼	10	133.0	"
76.0	29.630	78.0	29.570	15	30.972	29.913	76.0	71.0	71.0	68.0	81.0	71.0	7.0	3.0	.642	.683	67.0	83.0	E.	72	E.	63	4	6	C.U.	N.	E	E	b c	c	b c	0.40	¼	8	133.0	O/cast at intervals.
74.0	29.646	79.0	29.570	16	29.997	29.906	75.0	71.0	75.0	69.0	81.0	69.0	4.0	6.0	.690	.612	79.0	70.0	E.	93	C.	74	8	4	N.	C.U.	E	BC	c	b c	b	0.00	—	10	133.0	Bright warm day.
76.0	29.656	81.0	29.590	17	30.000	29.919	76.0	71.0	77.0	71.0	81.0	71.0	7.0	6.0	.672	.658	75.0	71.0	C.	61	C.	74	2	2	C.U.	C.U.	E	E	b c	b c	b	0.05	¼	10	132.0	"
76.0	29.610	82.0	29.620	18	30.003	29.946	77.0	70.0	77.0	70.0	82.0	70.0	7.0	7.0	.620	.620	67.0	67.0	C.	73	E.	74	2	2	C.U.	N.	E	E	b c	b c	b	0.15	¼	10	132.0	"
75.0	29.606	80.0	29.604	19	30.012	29.937	76.0	70.0	76.0	69.0	81.0	70.0	6.0	7.0	.633	.596	71.0	67.0	E.	108	E.	101	2	—	N.	—	E	—	b c	b	b	0.05	¼	10	135.0	"
76.0	29.640	81.0	29.604	20	29.982	29.934	78.0	69.0	76.0	70.0	81.0	72.0	9.0	6.0	.571	.633	59.0	71.0	E.	138	E.	98	—	—	—	—	—	—	b	b	b	0.06	¼	10	132.0	Squally with a fresh breeze.
76.0	29.652	84.0	29.602	21	29.994	29.922	78.0	69.0	78.0	69.0	83.0	71.0	9.0	9.0	.571	.671	59.0	59.0	E.	149	C.	53	—	—	—	—	—	—	b	b	b	0.00	—	10	135.0	Bright warm day.
76.0	29.640	83.0	29.580	22	29.982	29.903	78.0	71.0	78.0	69.0	83.0	72.0	7.0	8.0	.642	.571	67.0	59.0	E.	66	E.	62	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	137.0	"
76.0	29.640	82.0	29.570	23	29.982	29.887	78.0	70.0	76.0	70.0	84.0	71.0	8.0	6.0	.605	.633	63.0	71.0	E.	53	C.	64	2	2	C.U.	C.U.	E	E	b c	b c	b	0.05	¼	10	137.0	"
76.0	29.640	84.0	29.540	24	29.983	29.860	77.0	68.0	78.0	68.0	83.0	71.0	9.0	10.0	.550	.539	59.0	56.0	E.	108	C.	61	—	—	—	—	—	—	b	b	b	0.00	—	10	135.0	"
76.0	29.604	82.0	29.544	25	29.948	29.870	76.0	69.0	77.0	70.0	83.0	70.0	7.0	7.0	.596	.620	67.0	67.0	E.	66	E.	68	2	—	C.U.	—	E	—	b c	b	b	0.10	¼	10	133.0	"
77.0	29.610	81.0	29.560	26	29.948	29.890	79.0	72.0	76.0	70.0	85.0	70.0	7.0	6.0	.666	.633	67.0	71.0	C.	100	E.	72	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	136.0	"
77.0	29.626	79.0	29.560	27	29.965	29.895	78.0	73.0	76.0	72.0	86.0	73.0	5.0	4.0	.722	.713	75.0	79.0	E.	88	E.	80	6	6	C.U. C.U.	N.	E	E	c	c	b c	0.10	¼	8	135.0	O/cast at intervals, fresh breeze.
77.0	29.620	81.0	29.540	28	29.958	29.869	79.0	72.0	77.0	71.0	83.0	72.0	7.0	6.0	.666	.658	67.0	71.0	E.	115	E.	81	2	—	C.U.	—	E	—	b c		b	—	—	10	135.0	Bright warm day.
77.0	29.576	82.0	29.504	29	29.914	29.831	79.0	72.0	76.0	72.0	82.0	72.0	7.0	4.0	.666	.713	67.0	79.0	E.	82	E.	110	2	—	C.U.	—	E	—	b c	b	b	—	—	10	133.0	"
77.0	29.592	83.0	29.504	30	29.930	29.828	79.0	72.0	77.0	72.0	82.0	72.0	7.0	5.0	.666	.713	67.0	79.0	E.	136	E.	105	—	—	—	—	—	—	b	b	b	—	—	10	132.0	"
77.0	29.580	84.0	29.526	31	29.918	29.846	79.0	72.0	78.0	71.0	84.0	72.0	7.0	7.0	.666	.642	67.0	67.0	C.	91	E.	75	—	—	—	—	—	—	b	b	b	0.14	¼	10	131.0	"
																									—	—	—	—		—	—	2.49	6			
																																17 Days		10.0	132.0	
76.0	29.624	81.0	29.934 Means		29.964	29.819	77.0	71.0	76.0	70.0	82.0	71.0	6.0	6.0	.654	.645	70.0	71.0	E.	89	E.	72	3.0	2.0	—	—	—	—		—	—					

Summaries.

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
17	0	0	0	26	5	0	

Wind— No. of Observation of

	Forces 4-7,	Calm.	N,	NE,	E,	SE,	S.	SW,	NW.	
6	0	1	24	0	0	0	0			—9 a.m.
8	0	1	22	0	0	0	0			—6 p.m.

Highest corrected Reading of Barometer—30.012 on 19th
Lowest " " " —29.828 on 30th
Greatest Daily Rainfall — — 0.66 on 1st
No. of days with Rainfall .04 in or more— 17
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.) —85.0 on 26th
Lowest " —69.0 on 1st
Lowest Daily Maximum —115.0 on 2nd
Highest Daily Minimum —137.0 on 10th
Lowest Temperature on Grass

Total Rainfall from 1st to 31st March, 1918 ... ... Inches 2 Parts 49
" for the corresponding period of last year 2 95

CHARLES RIGGS, *Observer*

Month of April, 1918.

Latitude 12° 6′ 2″ N. Longitude 61° 45′ 55″ W. Height of Barometer Cistern above Mean Sea Level 509 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.–9 a.m. 9h., II.–6 p.m. 18h.
Gravity Correction .070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 707 feet. Height of Rim of Rain Gauge above Ground 2 feet. Hour of reading & setting max. & min. Thermometr

Attached Thermometer. Barometer as read. 9 a.m.	6 p.m.	Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	Max.	Min.	Humidity. Dep. of Wet. 9 a.m.	6 p.m.	Vapour Pressure. 9 a.m.	6 p.m.	Per Centage. 9 a.m.	6 p.m.	Wind. Direction and Force. In 15 hrs.	In 9 hrs.	Cloud Amount. 9 a.m.	6 p.m.	Form. 9 a.m.	6 p.m.	Direction whence coming. 9 a.m.	6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	during interval since last obs. 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine Estimated Duration.	Radiation. Min. on Grass. Black Bulb in vacuo.	REMARKS.
in.	°	in.	in.	in.	°	°	°	°	°	°	°	°	in.	in.														ins.	hrs.	hrs.		
76.0	29.590	82.0	29.600	1	29.987	29.922	75.0	73.0	77.0	72.0	82.0	72.0	2.0	5.0	.774	.697	89.0	75.0	E.	70 C.	64	8	4	N.	C.U.	E	E	r	b c	b	0.12	4	10	134.0	Overcast at intervals.
76.0	29.590	85.0	29.540	2	29.934	29.855	78.0	71.0	80.0	71.0	86.0	72.0	7.0	7.0	.642	.613	67.0	59.0	E.	66 C.	48	6	—	C.I.S.	—	E	—	c	b	b	0.00	—	10	134.0	Very warm day.
76.0	29.580	83.0	29.510	3	29.920	29.838	80.0	72.0	78.0	70.0	85.0	72.0	8.0	8.0	.650	.605	63.0	63.0	C.	27 C.	42	—	—	—	—	—	—	b	b	b	0.00	—	10	138.0	"
77.0	29.556	83.0	29.410	4	29.893	29.735	80.0	72.0	77.0	72.0	84.0	72.0	8.0	5.0	.650	.697	63.0	75.0	C.	85 E.	74	—	6	—	N.	—	E	b	c	b	0.33	4	10	133.0	"
75.0	29.560	81.0	29.494	5	29.909	29.823	78.0	72.0	78.0	73.0	82.0	70.0	1.0	5.0	.766	.722	94.0	75.0	C.	33 E.	37	10	8	N.	C.I.-C.U.	E	E	o	c	b	0.00	—	10	129.0	Droughts, very warm weather.
78.0	29.552	84.0	29.510	6	29.888	29.829	78.0	74.0	79.0	74.0	85.0	72.0	4.0	5.0	.765	.749	79.0	75.0	E.	61 E.	55	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	137.0	" "
79.0	29.634	83.0	29.570	7	29.966	29.893	79.0	74.0	78.0	72.0	84.0	74.0	5.0	5.0	.749	.722	75.0	75.0	E.	63 C.	60	4	8	C.U.	C.I.S.	E	—	b c	c	b	0.00	—	10	133.0	" "
79.0	29.620	81.0	29.560	8	29.951	29.889	80.0	73.0	77.0	73.0	84.0	73.0	7.0	5.0	.690	.697	67.0	75.0	E.	59 E.	56	2	6	C.U.	C.I.-C.U.	E	—	b c	c	b	0.00	—	10	135.0	" "
78.0	29.590	84.0	29.520	9	29.925	29.839	79.0	72.0	79.0	72.0	85.0	73.0	7.0	6.0	.666	.707	67.0	71.0	E.	54 E.	67	4	2	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	135.0	" "
78.0	29.610	80.0	29.544	10	29.944	29.876	80.0	73.0	77.0	73.0	84.0	73.0	5.0	5.0	.690	.697	67.0	75.0	C.	39 C.	48	8	8	C.I.S.	C.I.S.	—	—	c	c	b	0.12	—	10	132.0	" "
78.0	29.620	82.0	29.560	11	29.955	29.886	79.0	74.0	77.0	71.0	82.0	72.0	5.0	4.0	.749	.739	75.0	79.0	E.	37 E.	68	4	2	C.U.	C.U.N.	E	E	b c	b c	b	0.19	4	10	132.0	" "
78.0	29.640	83.0	29.570	12	29.984	29.904	76.0	73.0	77.0	74.0	82.0	72.0	3.0	6.0	.756	.658	84.0	71.0	E.	51 E.	80	4	—	N.	—	E	—	b c	b	b	0.00	—	10	132.0	" "
77.0	29.592	84.0	29.520	13	29.930	29.840	79.0	73.0	78.0	74.0	82.0	72.0	6.0	4.0	.707	.766	71.0	79.0	E.	65 E.	72	2	—	C.U.	—	E	—	b c	b	b	0.08	4	10	132.0	" "
77.0	29.590	82.0	29.540	14	29.929	29.867	78.0	73.0	76.0	73.0	83.0	72.0	5.0	2.0	.722	.801	75.0	89.0	E.	111 C.	59	2	10	C.U.	N.	E	E	b c	r	b c	0.10	4	10	135.0	Overcast at intervals and misty.
78.0	29.620	83.0	29.520	15	29.953	29.853	78.0	73.0	78.0	69.0	84.0	72.0	5.0	5.0	.722	.722	75.0	75.0	E.	63 E.	67	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	135.0	Bright warm day.
77.0	29.650	84.0	29.580	16	29.989	29.850	78.0	64.0	78.0	71.0	86.0	72.0	9.0	9.0	.571	.571	59.0	59.0	E.	66 E.	66	8	6	C.I.S.	C.I.-C.U.	—	—	c	c	b	0.00	—	10	135.0	Droughts, very warm weather.
79.0	29.604	80.0	29.540	17	29.935	29.872	80.0	68.0	77.0	71.0	83.0	72.0	12.0	6.0	.513	.658	50.0	71.0	E.	57 E.	68	6	8	C.I.	C.I.S.	—	—	c	c	b	0.00	—	10	132.0	" "
78.0	29.604	82.0	29.530	18	29.935	29.855	80.0	73.0	78.0	71.0	85.0	73.0	7.0	7.0	.690	.612	67.0	67.0	E.	83 E.	73	6	8	C.I.-C.U.	C.I.S.	—	—	c	c	b	0.00	—	10	137.0	" "
79.0	29.592	82.0	29.510	19	29.920	29.836	83.0	73.0	77.0	73.0	83.0	73.0	10.0	6.0	.640	.658	57.0	71.0	C.	79 C.	82	4	2	C.U.	C.U.	—	—	b c	b	b	0.00	—	10	134.0	" "
79.0	29.570	84.0	29.510	20	29.960	29.829	81.0	73.0	79.0	71.0	83.0	73.0	8.0	6.0	.690	.707	67.0	71.0	C.	56 C.	50	4	6	C.U.	C.U.N.	—	—	b c	c	b	0.16	4	10	137.0	" "
78.0	29.580	80.0	29.540	21	29.916	29.872	78.0	72.0	77.0	71.0	82.0	70.0	6.0	6.0	.681	.658	71.0	71.0	E.	62 E.	71	8	10	C.I.S.	A.S.	—	E	o	o	b	0.10	4	10	129.0	" "
78.0	29.614	80.0	29.580	22	29.949	29.909	79.0	73.0	77.0	72.0	82.0	72.0	6.0	6.0	.707	.658	71.0	71.0	E.	80 N.E.	74	8	8	C.I.S.	C.I.S.	E	E	c	c	b	0.00	—	10	132.0	" "
79.0	29.630	80.0	29.600	23	29.964	29.932	80.0	73.0	77.0	72.0	84.0	72.0	5.0	5.0	.690	.697	67.0	75.0	C.	81 C.	53	2	10	C.U.	A.S.	—	—	b c	o	b c	0.00	—	10	138.0	" "
79.0	29.622	77.0	29.580	24	29.951	29.871	80.0	72.0	76.0	71.0	80.0	73.0	8.0	4.0	.650	.713	63.0	79.0	E.	100 E.	81	8	10	C.I.S.	A.S.	E	—	c	o	b c	0.16	4	10	122.0	" "
78.0	29.610	83.0	29.600	25	29.944	29.932	80.0	73.0	77.0	70.0	83.0	69.0	7.0	6.0	.690	.658	67.0	71.0	E.	86 E.	95	—	6	—	C.I.	—	E	b	c	b	0.00	—	10	134.0	" "
78.0	29.620	80.0	29.558	26	29.951	29.869	80.0	72.0	78.0	72.0	85.0	72.0	8.0	8.0	.650	.605	63.0	63.0	C.	78 C.	64	4	8	C.I.	C.I.C.U.	—	—	b c	c	b	0.00	—	10	137.0	" "
78.0	29.616	84.0	29.552	27	29.949	29.871	81.0	73.0	79.0	74.0	86.0	72.0	8.0	7.0	.675	.666	64.0	67.0	S.E.	68 E.	58	—	8	—	C.I.C.U.	—	E	b	c	b	0.00	—	10	136.0	" "
79.0	29.586	84.0	29.490	28	29.917	29.809	80.0	74.0	80.0	74.0	85.0	75.0	6.0	6.0	.732	.732	71.0	71.0	E	84 E.	75	2	6	C.E.	A.C.U.	E	E	b c	c	b	0.00	—	10	132.0	" "
79.0	29.540	85.0	29.480	29	29.871	29.796	80.0	75.0	80.0	73.0	83.0	74.0	5.0	7.0	.775	.690	75.0	67.0	E.	75 C.	81	6	—	C.U.	—	E	—	c	b	b	0.24	4	10	132.0	" "
78.0	29.580	86.0	29.490	30	29.915	29.807	79.0	75.0	79.0	74.0	85.0	72.0	4.0	5.0	.793	.749	80.0	75.0	E.	56 C.	65	6	—	C.I.S.	—	E	—	c	b	b	—	—	10	134.0	" "
																								—	—	—	—	—	—	1.00	44			
			29.534																											10				
78.0	29.599	79.0	Means		29.890	29.859	79.0	72.0	78.0	72.0	84.0	72.0	6.0	6.0	.688	.688	70.0	72.0	E.	64 E.	65	4.0	5.0	—	—	—	—	—	—	Days.		10.0	134.0	

Summaries.

Weather—
No. of days of:

Rain.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gales.
10	0	0	6	27	3	0	

Wind—
No. of Observation of:

Forces 4-7.	Calm.	N.	NE.	E.	SE.	S.	SW.	NW.	
8	0	0	21	1	0	0	0		9 a.m.
12	0	1	17	0	0	0	0		6 p.m.

Extremes.

Highest corrected Reading of Barometer—29.989 on 16th
Lowest " " —29.735 on 4th
Greatest Daily Rainfall — 0.33 on 4th
No. of days with Rainfall .04in or more— 10
No. of Days of Temperature on Grass below 0

Highest Temperature in Shade (Air max.)—86.0 on 2nd
Lowest " —69.0 on 25th
Lowest Daily Maximum —122.0 on 24th
Highest Daily Minimum —88.0 on 3rd
Lowest Temperature on Grass

Total Rainfall from 1st to 30th April, 1918 ... ... inches 1 Cents 60
" for the corresponding period of last year 0 17

CHARLES RIGGS, Observer.

Month of May, 1918.

Latitude 12° 5′ 2″ N. Longitude 61° 45′ 56″ W. Height of Barometer Cistern above Mean Sea Level 609 feet. Height above Ground of Thermometers 5 feet. Hours of Observation 9 a.m., 6 p.m. Hours of reading & setting max. & min. Thermometr 9 a.m.
Gravity Correction .070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 607 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Barometer as read. 9 a.m.	Barometer as read. 6 p.m.	Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45° 9 a.m.	Air Pressure 6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	Max.	Min.	Humidity. Dep. of Wet. 9 a.m.	6 p.m.	Vapour Pressure. 9 a.m.	6 p.m.	Per Centage. 9 a.m.	6 p.m.	Wind. Direction and Force. In 15 hrs.	In 9 hrs.	Cloud. Amount. 9 a.m.	6 p.m.	Form. 9 a.m.	6 p.m.	Direction whence coming. 9 a.m.	6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	during interval ending 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine Estimated Duration.	Radiation. Max. in Sun. Black bulb in vacuo.	REMARKS.
in.	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.														ins.	hrs.	hrs.		
79.0	29.580	85.0	29.504	1	29.890	29.819	81.0	75.0	80.0	74.0	87.0	74.0	6.0	6.0	.757	.732	72.0	72.0	C.	55 E.	65	—	—	—	—	b	b	b	0.00	—	10	135.0	Very warm weather. Droughts.
79.0	29.570	85.0	29.520	2	29.900	29.836	81.0	74.0	79.0	73.0	86.0	74.0	7.0	6.0	.715	.707	68.0	71.0	C.	55 E.	59	4	6	C.U.	C.I.	—	—	b c	c	b	0.00	—	10	137.0	" "
79.0	29.560	88.0	29.470	3	29.892	29.778	79.0	75.0	81.0	75.0	85.0	76.0	4.0	6.0	.793	.757	80.0	72.0	E.	70 E.	82	8	4	N.	C.I.	E	E	c	b c	b	0.00	—	10	137.0	" "
79.0	29.590	87.0	29.520	4	29.892	29.830	80.0	75.0	80.0	75.0	84.0	75.0	5.0	5.0	.775	.775	72.0	72.0	S.E.	77 S.E.	92	4	—	C.U.	—	SE	—	b c	b	b	0.00	—	10	135.0	" "
79.0	29.586	87.0	29.560	5	29.913	29.869	80.0	74.0	81.0	74.0	86.0	74.0	6.0	7.0	.732	.715	72.0	68.0	S.E.	85 C.	85	4	4	C.U.	C.I.	SE	—	b c	b c	b	0.00	—	10	134.0	" "
79.0	29.660	86.0	29.604	6	29.991	29.917	80.0	75.0	80.0	73.0	87.0	74.0	5.0	7.0	.775	.690	72.0	67.0	E.	39 E.	65	8	—	N.	—	E	—	c	b	b	0.00	—	10	138.0	" "
79.0	29.680	84.0	29.600	7	30.011	29.917	80.0	75.0	81.0	74.0	86.0	75.0	5.0	7.0	.775	.715	72.0	68.0	E.	50 C.	59	2	8	C.U.	A.S.	E	—	b c	c	b	0.00	—	10	137.0	" "
81.0	29.620	84.0	29.538	8	29.945	29.876	81.0	74.0	80.0	74.0	86.0	76.0	7.0	6.0	.715	.732	68.0	71.0	E.	73 C.	73	6	8	C.I.	C.I.S.	—	—	c	c	b	0.53	½	10	137.0	" "
78.0	29.590	84.0	29.540	9	29.922	29.858	79.0	76.0	80.0	74.0	85.0	73.0	3.0	6.0	.839	.732	85.0	71.0	C.	65 C.	46	10	—	A.S.	—	—	—	c	b	b	0.05	½	10	137.0	" "
80.0	29.580	84.0	29.540	10	29.908	29.858	81.0	74.0	79.0	74.0	87.0	76.0	5.0	6.0	.802	.732	76.0	71.0	E.	71 E.	65	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	137.0	" "
79.0	29.610	84.0	29.540	11	29.940	29.859	81.0	74.0	79.0	74.0	87.0	75.0	7.0	5.0	.715	.749	68.0	75.0	C.	74 C.	64	2	4	C.I.	C.I.	—	—	b c	b c	b	0.07	¼	10	138.0	" "
80.0	29.570	83.0	29.510	12	29.898	29.832	81.0	73.0	79.0	73.0	86.0	74.0	8.0	6.0	.675	.707	64.0	71.0	E.	112 E.	62	6	4	E.R.C.U.	C.I.-C.U.	E	—	c	b c	b	0.06	¼	10	137.0	" "
79.0	29.580	82.0	29.520	13	29.911	29.844	80.0	75.0	79.0	73.0	85.0	75.0	5.0	6.0	.775	.707	68.0	71.0	C.	75 E.	63	6	6	N.	C.I.-C.U.	E	E	c	c	b	0.00	—	10	136.0	" "
80.0	29.558	85.0	29.520	14	29.885	29.825	82.0	75.0	80.0	74.0	87.0	75.0	7.0	6.0	.742	.732	68.0	71.0	C.	46 E.	59	8	8	C.I.-C.U.	C.I.-C.U.	—	—	c	c	b	0.00	—	10	138.0	" "
80.0	29.560	83.0	29.530	15	29.880	29.851	80.0	75.0	80.0	74.0	85.0	76.0	5.0	6.0	.775	.732	68.0	71.0	S.E.	44 C.	99	8	8	C.I.S.	C.I.S.	—	—	c	c	b	0.00	—	10	132.0	" "
80.0	29.620	85.0	29.570	16	29.949	29.884	80.0	76.0	81.0	75.0	85.0	76.0	4.0	6.0	.820	.757	80.0	72.0	C.	57 E.	42	10	4	A.S.	C.I.-C.U.	—	E	c	b c	b	0.10	¼	10	138.0	" "
80.0	29.624	86.0	29.580	17	29.953	29.892	80.0	76.0	81.0	76.0	84.0	74.0	4.0	5.0	.820	.802	80.0	76.0	S.E.	90 C.	70	6	6	N.	C.I.S.	SE	—	c	c	b c	0.26	½	10	133.0	" O/c at at intervals.
80.0	29.580	84.0	29.510	18	29.908	29.828	81.0	76.0	80.0	76.0	83.0	75.0	5.0	4.0	.802	.829	76.0	80.0	S.E.	48 E.	81	2	8	C.U.	C.I.S.	SE	E	b c	c	b c	0.27	½	10	131.0	" "
79.0	29.554	86.0	29.502	19	29.887	29.814	78.0	76.0	81.0	76.0	85.0	74.0	2.0	5.0	.857	.802	89.0	76.0	C.	28 C.	77	10	8	N.	C.I.S.	—	—	r	c	b c	0.00	—	10	131.0	" "
80.0	29.590	86.0	29.550	20	29.919	29.863	80.0	75.0	80.0	75.0	81.0	76.0	5.0	5.0	.775	.775	75.0	75.0	E.	27 S.E.	67	1	—	C.U.	—	E	—	b c	b	b c	0.00	—	10	136.0	" "
79.0	29.590	86.0	29.530	21	29.921	29.842	80.0	76.0	81.0	76.0	87.0	76.0	4.0	5.0	.820	.822	80.0	76.0	E.	48 E.	58	6	2	N.	C.U.	E	E	c	b c	b c	0.10	¼	10	135.0	" "
80.0	29.590	84.0	29.470	22	29.986	29.797	83.0	76.0	82.0	74.0	85.0	75.0	7.0	8.0	.766	.701	68.0	64.0	E.	63 E.	51	4	8	N.	C.I.S.	E	E	b c	c	b c	0.30	½	10	136.0	" "
80.0	29.558	86.0	29.510	23	29.884	29.822	83.0	76.0	81.0	75.0	85.0	72.0	7.0	4.0	.766	.757	68.0	72.0	E.	83 E.	40	2	4	C.U.	C.U.	E	E	b c	b c	b c	0.00	—	10	137.0	" "
81.0	29.570	87.0	29.510	24	29.903	29.819	80.0	76.0	81.0	76.0	86.0	75.0	4.0	5.0	.820	.802	80.0	76.0	E.	46 C.	59	8	4	N.	C.U.	E	—	c	b	b	0.14	½	10	136.0	" "
80.0	29.580	86.0	29.530	25	29.907	29.944	82.0	76.0	79.0	76.0	86.0	75.0	6.0	3.0	.785	.839	72.0	85.0	E.	36 S.E.	67	2	6	C.U.	N.	E	SE	b c	c	b c	0.00	—	10	134.0	" "
81.0	29.570	82.0	29.490	26	29.893	29.816	83.0	76.0	78.0	76.0	87.0	76.0	7.0	2.0	.766	.857	68.0	89.0	C.	58 C.	60	—	8	—	N.	—	—	b	c	b c	0.80	1	8	136.0	" "
76.0	29.590	85.0	29.510	27	29.874	29.825	76.0	74.0	80.0	77.0	85.0	72.0	2.0	3.0	.801	.867	89.0	85.0	C.	98 C.	51	8	4	N.	C.U.	—	E	r	b c	b c	0.38	½	8	132.0	" "
78.0	29.580	78.0	29.560	28	29.915	29.900	79.0	76.0	74.0	73.0	82.0	75.0	3.0	1.0	.839	.793	85.0	94.0	E.	63 C.	57	6	10	N.	N.	E	—	c	r	b c	0.60	1½	8	129.0	O/cast, with light rains.
78.0	29.590	80.0	29.550	29	29.924	29.884	80.0	76.0	75.0	73.0	83.0	73.0	4.0	2.0	.820	.774	80.0	89.0	C.	62 N.E.	63	4	10	C.I.S.	N.	—	NE	b c	r	b c	3.50	6	6	131.0	" heavy rains during night.
74.0	29.606	78.0	29.504	30	29.960	29.842	71.0	71.0	76.0	72.0	79.0	70.0	—	4.0	.759	.713	100.0	79.0	E.	121 E.	59	10	10	N.	N.	E	—	r	•	c	0.82	2	—	108.0	" with light rains.
80.0	29.560	85.0	29.544	31	29.892	29.850	79.0	76.0	80.0	76.0	84.0	69.0	3.0	4.0	.839	.820	85.0	80.0	N.E.	75 C.	39	4	2	N.	C.I.	SE	—	b c	—	b c	0.00	—	6	132.0	" at intervals.
79.0	29.552	84.0	29.531		29.905	29.852	80.0	75.0	79.0	75.0	85.0	74.0	5.0	5.0	.781	.761	76.0	75.0	E.	63 E.	64	5.0	5.0	—	—	—	—		—	—	7.93	16 Days	0½	9 5/31	131.0	

Summaries.

Weather — No. of days of

Rain	Snow	Hail	Thunderstorm	Clear Sky	Overcast	Fog	Gales
15	0	0	0	17	14	0	

Wind — No. of Observations

Forces	4-7	Calm	N	NE	E	SE	S	SW	NW	
	11	0	1	14	5	0	0	0		—9 a.m.
	13	0	1	14	3	0	0	0		—6 p.m.

Highest corrected Reading of Barometer — 30.011 on 7th
Lowest " " — 29.797 on 22nd
Greatest Daily Rainfall — 3.50 on 29th
No. of days with Rainfall .04 in or more — 15
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.) — 87.0 on 1st
Lowest " — 69.0 on 31st
Lowest Daily Maximum — 108.0 on 30th
Highest Daily Minimum — 138.0 on 11th
Lowest Temperature on Grass

Total Rainfall from 1st to 31st May, 1918 ... Inches 7 Parts 98
" for the corresponding period of last year ... 2 12

CHARLES RIGGS, Observer

Month of June, 1918.

Latitude 12° 5′ 2″ N. Longitude 61° 45′ 55″ W. Height of Barometer Cistern above Mean Sea Level 509 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.–9 a.m. 9h., II.–6 p.m. 18h. Hour of reading & setting max. & min. Thermometr 9 a.m.
Gravity Correction .070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 507 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Attached Thermometer. Barometer as read. 9 a.m.	6 p.m.	Date.	Barometric Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	9 a.m. Max.	Min.	Humidity. Dep. of Wet. 9 a.m.	6 p.m.	Vapour Pressure. 9 a.m.	6 p.m.	Per Centage. 9 a.m.	6 p.m.	Wind. Direction and Force. In 15 hrs.	In 9 hrs.	Cloud. Amount. 9 a.m.	6 p.m.	Form. 9 a.m.	6 p.m.	Direction whence coming. 9 a.m.	6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	during interval ending 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine Estimated Duration.	Radiation. Max. in Sun, Black Bulb in vacuo.	REMARKS.
°	in	°	in.		in.	in.	°	°	°	°	°	°	in	in.														ins.	hrs.	hrs.		
80.0	29.570	82.0	29.544	1	29.897	29.870	82.0	77.0	77.0	75.0	85.0	75.0	5.0	2.0	.830	.829	76.0	89.0	C.	56	C.	39	8	8	C.I.S.	N.	—	—	c	c	b c	0.90	3	6	135.0	O/cast at intervals, T/der and Lightg
79.0	29.570	84.0	29.510	2	29.801	29.829	80.0	76.0	79.0	76.0	82.0	72.0	4.0	3.0	.820	.839	80.0	85.0	S.E.	66	E.	69	8	4	C.I.-C.U.	C.I.S.	SE	E	c	b c	b c	0.29	1	6	134.0	" 7 p.m.
79.0	29.580	82.0	29.510	3	29.711	29.834	80.0	76.0	80.0	75.0	84.0	74.0	4.0	5.0	.820	.775	80.0	75.0	E.	74	E.	57	8	10	N.	A.S.	E	E	c	o	b c	0.06	¼	8	133.0	"
79.0	29.600	86.0	29.590	4	29.930	29.905	81.0	74.0	80.0	74.0	86.0	74.0	7.0	6.0	.802	.732	76.0	71.0	E.	80	E.	59	2	—	C.U.	—	E	—	b c	b	b	—	—	10	133.0	Very warm day.
79.0	29.570	85.0	29.560	5	29.900	29.875	81.0	75.0	80.0	76.0	85.0	75.0	6.0	5.0	.757	.775	72.0	75.0	C.	76	C.	63	2	—	C.U.	—	E	—	b c	b	b	—	—	10	132.0	"
79.0	29.604	86.0	29.554	6	29.933	29.866	82.0	74.0	81.0	74.0	86.0	75.0	8.0	7.0	.715	.802	68.0	76.0	E.	34	C.	45	2	2	C.U.	C.U.	E	E	b c	b c	b	—	—	10	134.0	"
80.0	29.650	85.0	29.536	7	29.980	29.849	79.0	76.0	82.0	76.0	86.0	76.0	3.0	6.0	.839	.785	85.0	72.0	C.	64	E.	67	4	2	N.	C.U.	E	E	b c	b c	b	—	—	10	135.0	"
81.0	29.660	87.0	29.530	8	29.973	29.838	85.0	76.0	82.0	76.0	88.0	76.0	7.0	6.0	.766	.785	68.0	70.0	C.	97	C.	53	2	8	C.U.	N.	E	—	b c	c	b	0.46	½	10	136.0	"
77.0	29.610	80.0	29.530	9	29.951	29.860	76.0	75.0	79.0	74.0	83.0	73.0	1.0	5.0	.848	.749	94.0	75.0	C.	84	N.E.	52	10	8	N.	C.I.-C.U.	E	NE	r	c	o	0.09	¼	—	126.0	O/cast the whole day, and misty.
79.0	29.570	76.0	29.510	10	29.901	29.855	80.0	76.0	75.0	74.0	81.0	74.0	4.0	1.0	.820	.820	80.0	94.0	E.	149	E.	90	8	10	N.	N.	E	E	c	o	o	2.90	4	—	126.0	Heavy rains, and high winds about
78.0	29.61	81.0	29.542	11	29.955	29.859	75.0	75.0	79.0	75.0	80.0	75.0	—	4.0	.868	.793	10.0	80.0	N.E.	86	E.	72	10	8	N.	C.I.-C.U.	NE	E	r	c	c	0.15	1	2	115.0	O/cast nearly the whole day. [m/day.
79.0	29.560	85.0	29.510	12	29.891	29.826	80.0	76.0	79.0	75.0	85.0	75.0	4.0	4.0	.820	.793	80.0	80.0	C.	100	E.	59	6	4	N.	N.	E	E	c	b c	b c	0.06	¼	8	135.0	" at intervals.
79.0	29.590	85.0	29.530	13	29.919	29.845	82.0	75.0	80.0	76.0	85.0	75.0	7.0	4.0	.742	.820	68.0	80.0	C.	98	C.	54	—	2	—	N.	—	E	b	b c	b	0.37	½	10	132.0	Very warm day.
77.0	29.572	83.0	29.510	14	29.913	29.832	76.0	74.0	79.0	74.0	83.0	72.0	2.0	5.0	.801	.749	89.0	75.0	E.	67	N.E.	52	10	4	N.	C.I.-C.U.	E	—	r	b c	b	0.24	½	10	134.0	"
79.0	29.560	84.0	29.502	15	29.891	29.820	80.0	75.0	80.0	74.0	84.0	75.0	[illegible]	6.0	.775	.732	75.0	71.0	E.	70	C.	54	4	—	C.U.	—	E	—	b c	b	b	0.06	¼	10	131.0	"
80.0	29.580	79.0	29.504	16	29.908	29.838	81.0	77.0	77.0	74.0	81.0	75.0	5.0	3.0	.844	.783	80.0	84.0	E.	86	C.	39	8	10	N.	N.	E	—	c	o	c	1.80	3	2	121.0	O/cast nearly the whole day.
78.0	29.560	79.0	29.520	17	29.908	29.885	74.0	73.0	78.0	75.0	81.0	70.0	1.0	3.0	.793	.810	94.0	84.0	C.	92	E.	36	10	8	N.	C.I.-C.U.	—	E	r	c	b c	—	—	4	121.0	" with heavy rains a.m.
79.0	29.616	84.0	29.580	18	29.950	29.899	81.0	76.0	79.0	75.0	83.0	73.0	5.0	4.0	.802	.793	76.0	80.0	S.E.	63	C.	59	—	2	—	C.U.	—	—	b	b c	b	0.32	½	8	131.0	Very warm day.
78.0	29.650	85.0	29.610	19	29.986	29.925	78.0	76.0	80.0	76.0	82.0	74.0	2.0	4.0	.857	.820	89.0	80.0	E.	51	E.	30	6	—	N.	—	E	—	c	b	b c	0.08	¼	6	130.0	O/cast a.m.
78.0	29.680	85.0	29.560	20	30.012	29.875	79.0	76.0	80.0	75.0	84.0	75.0	5.0	5.0	.839	.775	85.0	75.0	E.	65	E.	45	0	—	N.	—	E	—	r	b	b	—	—	10	133.0	Very warm day.
80.0	29.620	81.0	29.570	21	29.947	29.898	82.0	75.0	78.0	75.0	86.0	75.0	7.0	3.0	.742	.810	68.0	84.0	E.	60	E.	48	2	6	C.U.	N.	E	E	b c	c	b	0.36	½	10	135.0	"
77.0	29.610	77.0	29.520	22	29.953	29.860	74.0	73.0	77.0	74.0	80.0	73.0	1.0	3.0	.793	.783	94.0	84.0	E.	81	E.	75	10	10	N.	N.	E	E	r	o	b c	0.28	¼	4	108.0	O/cast at intervals, and misty.
79.0	29.660	84.0	29.584	23	29.990	29.902	80.0	76.0	80.0	76.0	83.0	72.0	4.0	4.0	.820	.810	80.0	80.0	E.	90	E.	64	8	4	C.U.	C.U.	E	E	c	b c	b c	0.12	¼	6	133.0	" "
78.0	29.670	86.0	29.590	24	30.005	29.912	79.0	75.0	81.0	75.0	85.0	76.0	4.0	6.0	.793	.757	80.0	72.0	E.	97	E.	63	4	—	C.U.	—	E	—	b c	b	b	—	—	10	134.0	Very warm day.
80.0	29.654	81.0	29.570	25	29.981	29.900	82.0	75.0	76.0	74.0	86.0	75.0	7.0	2.0	.742	.801	68.0	85.0	C.	50	N.E.	55	—	8	—	N.	—	NE	b	c	b c	0.46	¾	10	136.0	"
78.0	29.590	77.0	29.580	26	29.930	29.912	74.0	73.0	75.0	73.0	81.0	74.0	1.0	2.0	.793	.774	94.0	89.0	E.	81	C.	50	10	10	N.	N.	E	—	r	o	b c	0.65	1	4	132.0	O/cast at intervals, T/der storm, 1 p.m.
79.0	29.610	78.0	29.540	27	29.940	29.878	81.0	76.0	76.0	74.0	83.0	74.0	5.0	3.0	.802	.756	76.0	84.0	C.	37	C.	47	4	8	C.I.	C.I.-C.U.	—	—	b c	.	b c	0.42	½	4	132.0	" "
79.0	29.608	82.0	29.560	28	29.939	29.884	80.0	78.0	79.0	75.0	82.0	74.0	.0	4.0	.916	.793	90.0	80.0	E.	106	E.	106	8	10	C.I.-C.U.	A.S	—	—	c	o	b c	—	—	8	130.0	" "
80.0	29.630	85.0	29.5[illegible]0	29	29.957	29.905	82.0	76.0	80.0	74.0	85.0	76.0	6.0	6.0	.785	.732	72.0	71.0	E.	127	E.	71	2	—	C.U.	—	E	—	b c	b	b	0.25	½	8	133.0	" "
78.0	29.630	84.0	29.580	30	29.964	29.899	80.0	76.0	79.0	73.0	85.0	74.0	4.0	6.0	.820	.707	80.0	71.0	E.	70	E.	48	2	—	C.U.	—	E	—	b c	b	b	—	—	10	132.0	Bright warm day.
																									—	—	—	—		—	—	10.26	19.			
79.0	29.574	79.0	29.547		29.940	29.870	76.0	75.0	78.0	74.0	83.0	73.0	4.0	4.0	.805	.783	75.0	79.0	E.	78	E.	59	5.0	4.0	—	—	—	—		—	—	21 Days		7.0	130.0	

Summaries.

Weather— No. of days of

Rain, Snow, Hail, Thunderstorm, Clear Sky, Overcast, Fog, Gales.
21 0 0 2 14 16 0

Wind— No. of Observations of

Forces 4-7.	Calm,	N,	NE,	E,	SE,	S,	SW.	NW.	
10	0	1	17	2	0	0	0		—9 a.m.
10	0	3	17	0	0	0	0		—6 p.m.

Highest corrected Reading of Barometer—30.012 on 20th
Lowest " " " —29.820 on 15th
Greatest Daily Rainfall — — 2.90 on 10th
No. of days with Rainfall .04 in or more— 21
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—88.0 on 8th
Lowest " —70.0 on 11th
Lowest Daily Maximum —103.0 on 22nd
Highest Daily Minimum —136.0 on 8th
Lowest Temperature on Grass

Total Rainfall from 1st to 30th June, 1918 ... ... Inches. 10 Parts 46
" for the corresponding period of last year 5 83

CHARLES RIGGS, *Observer.*

Month of July, 1918.

Latitude 12° 5′ 2″ N. Longitude 61° 45′ 55″ W. Height of Barometer Cistern above Mean Sea Level 509 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.–9 a.m. 9h. II.–6 p.m. 18h. Hour of reading & setting max. & min.
Gravity Correction .070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 507 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Attached Thermometer. Barometer as read. 9 a.m.	6 p.m.	Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	Max.	Min.	Humidity. Dep. of Wet. 9 a.m.	6 p.m.	Vapour Pressure. 9 a.m.	6 p.m.	Per Centage. 9 a.m.	6 p.m.	Wind. Direction and Force. In 15 hrs.		In 9 hrs.		Cloud. Amount. 9 a.m.	6 p.m.	Form. 9 a.m.	6 p.m.	Direction whence coming. 9 a.m.	6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	during interval preceding 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine Estimated Duration.	Radiation. M. in Sun. Black Bulb in vacuo.	REMARKS.
	in		in.		in.	in.							in.	in.																ins.	hrs.	hrs		
79.0	29.620	85.0	29.480	1	29.950	29.796	81.0	75.0	80.0	74.0	85.0	74.0	6.0	6.0	.757	.732	72.0	71.0	C.	53	C.	50	—	—	—	—	—	—	b	b	b	0.00	—	10	132.0	Very warm day.
79.0	29.598	85.0	29.540	2	29.928	29.855	81.0	74.0	80.0	74.0	85.0	74.0	7.0	6.0	.715	.732	68.0	71.0	E.	42	E.	64	—	—	—	—	—	—	b	b	b	0.00	—	10	132.0	"
80.0	29.570	85.0	29.510	3	29.897	29.823	82.0	75.0	82.0	76.0	85.0	76.0	7.0	6.0	.742	.785	68.0	72.0	E.	76	E.	64	2	2	C.U.	C.U.	E	E	b c	b c	b	0.72	1	10	135.0	"
79.0	29.600	78.0	29.502	4	29.931	29.862	80.0	76.0	75.0	74.0	81.0	74.0	4.0	1.0	.826	.820	80.0	94.0	E.	83	C.	47	8	10	C.I.-C.U.	N.	E	E	c	c	c	1.12	2	2	127.0	O/cast and misty, T/der storm 10 a.m
79.0	29.560	79.0	29.492	5	29.881	29.826	80.0	76.0	78.0	74.0	83.0	72.0	4.0	4.0	.820	.765	80.0	79.0	C.	48	C.	45	4	8	C.U.	C.I.-C.U.	E	—	b c	c	c	0.97	1	2	132.0	" "
77.0	29.590	74.0	29.530	6	29.931	29.883	76.0	75.0	72.0	71.0	82.0	72.0	1.0	1.0	.840	.739	94.0	94.0	S.E.	21	S.E.	72	10	10	N.	N.	—	—	o	r	o	1.55	6	—	132.0	" " 7 a.m.
79.0	29.590	81.0	29.530	7	29.925	29.857	76.0	75.0	79.0	74.0	83.0	70.0	1.0	5.0	.843	.749	94.0	75.0	E.	104	E.	90	8	6	N.	C.I.-C.U.	E	E	e	c	b	0.09	—	8	132.0	Bright day fresh breeze.
79.0	29.570	83.0	29.536	8	29.900	29.858	81.0	74.0	79.0	74.0	84.0	76.0	7.0	5.0	.715	.749	68.0	75.0	S.E.	108	E.	86	—	4	—	N.	—	E	b	b c	b	0.27	½	8	130.0	"
78.0	29.602	79.0	29.564	9	29.938	29.900	78.0	76.0	75.0	74.0	83.0	74.0	2.0	1.0	.857	.820	89.0	94.0	E.	109	C.	45	8	—	N.	—	E	B	c	b	b c	1.52	½	6	130.0	O/cast at intervals.
76.0	29.656	79.0	29.62	10	30.002	29.956	74.0	74.0	75.0	73.0	80.0	74.0	—	2.0	.840	.774	100.0	89.0	E.	64	C.	46	10	10	N.	N.	E	—	o	o	c	0.75	1	2	112.0	"
79	29.7[illegible]	[illegible]	29.660	11	30.033	30.004	79.0	74.0	73.0	72.0	86.0	71.0	5.0	1[illegible]	.7[illegible]9	.766	75.0	94.0	E.	68	E.	59	8	10	C.I.S.	N.	E	E	e	o	o	0.32	½	1	125.0	"
77.0	29.6[illegible]	[illegible]	29.610	12	30.019	29.928	78.0	75.0	80.0	76.0	83.0	72.0	3.0	4.0	.810	.820	84.0	80.0	S.E.	100	S.E.	68	6	2	N.	C.I.-C.U.	SE	SE	c	b c	b e	0.06	¼	8	131.0	"
77.0	29.660	[illegible]	29.558	13	30.000	29.880	77.0	75.0	79.0	75.0	84.0	75.0	2.0	4.0	.829	.793	89.0	80.0	C.	50	C.	43	8	—	N.	—	—	—	e	b	b	0.40	½	4	131.0	"
79.0	29.640	83.0	29.586	14	29.972	29.907	79.0	76.0	80.0	75.0	83.0	74.0	3.0	5.0	.839	.775	85.0	75.0	E.	74	C.	69	6	2	N.	C.U.	E	E	c	b c	b c	0.00	—	6	131.0	"
80.0	29.670	85.0	29.630	15	29.998	29.946	81.0	75.0	79.0	75.0	85.0	76.0	6.0	4.0	.757	.793	72.0	80.0	E.	75	C.	63	—	—	—	—	—	—	b	b	b	0.00	—	10	132.0	Bright warm day.
79.0	29.644	84.0	29.610	16	29.975	29.928	80.0	74.0	80.0	75.0	85.0	75.0	6.0	5.0	.732	.775	71.0	75.0	E.	51	C.	63	—	6	—	C.I.S.	—	—	b	c	b	0.00	—	10	132.0	"
79.0	29.650	81.0	29.570	17	29.959	29.895	82.0	77.0	81.0	76.0	87.0	75.0	5.0	5.0	.830	.802	76.0	76.0	C.	50	C.	28	4	2	C.U.	C.I.-C.U.	E	—	b c	b c	b	0.00	—	10	137.0	"
79.0	29.604	84.0	29.5[illegible]6	18	29.935	29.874	80.0	76.0	80.0	75.0	84.0	75.0	4.0	5.0	.820	.775	80.0	75.0	E.	63	C.	59	2	—	C.U.	—	E	—	b c	b	b	0.22	½	10	131.0	"
80.0	29.634	84.0	29.590	19	29.963	29.908	80.0	75.0	8[illegible].0	75.0	83.0	75.0	5.0	5.0	.775	.775	75.0	75.0	E.	103	E.	70	10	8	A.S.	C.I.S.	E	E	o	c	b c	0.60	1	10	125.0	"
79.0	29.62[illegible]	79.0	29.570	20	29.952	29.904	79.0	75.0	77.0	74.0	81.0	73.0	4.0	3.0	.793	.783	80.0	84.0	E.	95	C.	54	8	10	N.	N.	E	E	c	o	c	0.64	1	2	118.0	O/cast and light showers.
79.0	29.620	81.0	29.560	21	29.950	29.887	81.0	76.0	79.0	74.0	82.0	71.0	5.0	5.0	.802	.707	76.0	71.0	E.	88	E.	54	6	6	C.I.-C.U.	A.S.	E	E	c	c	c	0.35	¼	4	126.0	"
79.0	29.640	79.0	29.580	22	29.971	29.973	80.0	75.0	78.0	74.0	81.0	73.0	5.0	4.0	.775	.765	75.0	79.0	E.	66	C.	46	6	10	C.U.	N.	E	—	c	o	b c	0.33	¼	6	126.0	"
79.0	29.640	83.0	29.590	23	29.970	29.912	81.0	76.0	79.0	75.0	82.0	73.0	5.0	4.0	.802	.793	76.0	80.0	E.	74	E.	55	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	137.0	Bright warm day.
80.0	29.630	85.0	29.580	24	29.[illegible]57	29.894	82.0	76.0	81.0	76.0	86.0	76.0	6.0	5.0	.785	.802	72.0	76.0	C.	49	C.	51	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	132.0	"
80.0	29.614	85.0	29.590	25	29.941	29.904	82.0	76.0	81.0	74.0	85.0	77.0	6.0	7.0	.785	.715	72.0	68.0	E.	70	E.	73	4	—	C.U.	—	E	—	b c	b	b	0.09	—	10	133.0	"
80.0	29.640	85.0	29.608	26	29.968	29.923	81.0	75.0	80.0	75.0	87.0	76.0	6.0	5.0	.757	.775	72.0	75.0	E.	100	E.	53	—	—	—	—	—	—	b	b	b	0.09	—	10	133.0	"
80.0	29.670	86.0	29.604	27	29.998	29.915	81.0	75.0	82.0	75.0	86.0	76.0	6.0	7.0	.757	.742	72.0	68.0	E.	52	N.E.	52	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	"
80.0	29.690	80.0	29.620	28	30.019	29.95[illegible]	80.0	75.0	76.0	74.0	84.0	76.0	5.0	2.0	.775	.801	75.0	89.0	C.	71	S.E.	49	6	8	A.C.U.	N.	—	E	c	c	b	0.00	—	10	131.0	"
80.0	29.670	87.0	29.620	29	29.999	29.927	82.0	76.0	82.0	76.0	87.0	75.0	6.0	6.0	.785	.785	72.0	72.0	E.	84	C.	49	—	2	—	C.U.	—	E	b	b c	b	0.22	½	10	137.0	"
79.0	29.700	81.0	29.592	30	30.029	29.920	81.0	74.0	78.0	73.0	85.0	75.0	7.0	5.0	.715	.722	68.0	75.0	E.	66	E.	79	2	4	C.U.	C.U.N.	E	E	b c	b c	b	0.15	¼	10	135.0	"
78.0	29.630	85.0	29.580	31	29.965	29.895	79.0	77.0	80.0	76.0	84.0	75.0	.0	4.0	.887	.822	90.0	80.0	C.	90	C.	37	6	6	N.	N.	—	E	c	c	b	0.38	1	10	137.0	"
																									—	—	—	—		—	—	10.57	12½			
79.0	29.632	82.0	29.575		29.960	29.899	80.0	75.0	79.0	74.0	83.0	74.0	4.0	5.0	.791	.772	75.0	79.0	E.	70	E.	57	4.0	4.0	—	—	—	—		—	—	18 Days		7½	131.0	

Summaries

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
18	0	0	2	19	12	0	

Wind— No. of Observation of

	Forces 4-7,	Calm.,	N,	NE,	E,	SE,	S,	SW,	NW.	
	7	0	0	21	3	0	0	0		—9 a.m.
	17	0	1	10	3	0	0	0		—6 p.m.

Highest corrected Reading of Barometer—30.033 on 11th
Lowest " " " —29.796 on 1st
Greatest Daily Rainfall — — 1.55 on 6th
No. of days with Rainfall .04 in or more— 18
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)— 87.0 on 17th
Lowest " — 70.0 on 7th
Lowest Daily Maximum —112.0 on 10th
Highest Daily Minimum —137.0 on 17th
Lowest Temperature on Grass

	Inches.	Parts
Total Rainfall from 1st to 31st July, 1918	10	57
" for the corresponding period of last year	17	35

CHARLES RIGGS, *Observer*

Month of August, 1918.

Latitude 12° 5′ 2″ N. Longitude 61° 45′ 55″ W. Height of Barometer Cistern above Mean Sea Level 509 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.—9 a.m. 9 p.m. II.—6 p.m. 18h. Hour of reading & setting max. & min. Thermomtr. 9 a.m.

Gravity Correction 070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 507 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Attached Thermometer. Barometer as read. 9 a.m.	Attached Thermometer. Barometer as read. 6 p.m.	Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	Air Pressure 6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	9 a.m. Max.	9 a.m. Min.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 6 p.m.	Vapour Pressure. 9 a.m.	Vapour Pressure. 6 p.m.	Per Centage. 9 a.m.	Per Centage. 6 p.m.	Wind. Direction and Force. In 15 hrs.		In 9 hrs.		Cloud. Amount. 9 a.m.	Amount. 6 p.m.	Form. 9 a.m.	Form. 6 p.m.	Direction whence coming. 9 a.m.	Direction whence coming. 6 p.m.	Weather. at time of observation. 9 a.m.	at time of observation. 6 p.m.	during interval ending at 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine. Estimated Duration.	Radiation. Min. in Vacuo.	REMARKS.
			in.	in.									in.	in.																	ins.	hrs.	hrs.		
79.0	29.660	79.0	29.504	1	29.888	29.838	83.0	77.0	77.0	75.0	85.0	75.0	6.0	2.0	.810	.829	72.0	89.0	C.	42	E.	32	4	10	C.I.-C.U.	N.	—	—	b c	r	c	0.96	1¼	4	137.0	O/cast at intervals, light rains.
80.0	29.624	84.0	29.560	2	29.951	29.878	82.0	76.0	80.0	75.0	80.0	75.0	6.0	5.0	.785	.775	72.0	75.0	E.	118	E.	74	—	4	—	C.I.	—	E	b	b c	b c	0.10		6	133.0	"
80.0	29.610	85.0	29.570	3	29.937	29.885	82.0	75.0	80.0	74.0	85.0	76.0	7.0	6.0	.742	.732	68.0	71.0	E.	120	E.	77	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	Bright warm day.
79.0	29.630	83.0	29.580	4	29.960	29.903	81.0	74.0	78.0	76.0	81.0	76.0	7.0	2.0	.862	.857	76.0	89.0	C.	101	C.	52	4	8	C.U.	N.	—	—	b c	c	b	0.28	¼	10	137.0	"
80.0	29.653	86.0	29.590	5	29.981	29.898	80.0	75.0	85.0	77.0	86.0	75.0	5.0	8.0	.775	.781	75.0	64.0	E.	41	C.	17	6	6	C.I.S.	C.I.S.	E	—	c	c	b	0.12	¼	10	137.0	"
79.0	29.654	86.0	29.620	6	29.986	29.932	79.0	76.0	81.0	77.0	85.0	76.0	3.0	4.0	.839	.849	85.0	80.0	E.	48	C.	55	8	4	C.I.-C.U.	N.	E	E	c	b c	b	0.00	—	10	135.0	"
81.0	29.670	85.0	29.590	7	29.995	29.904	81.0	76.0	81.0	76.0	87.0	76.0	5.0	5.0	.802	.802	76.0	76.0	E.	56	S.E.	57	6	2	C.U.	C.U.	E	SE	c	b c	b	0.00	—	10	137.0	"
80.0	29.644	87.0	29.550	8	29.981	29.859	82.0	77.0	81.0	76.0	87.0	76.0	5.0	5.0	.830	.802	76.0	76.0	C.	67	E.	54	6	—	N.	—	E	—	c	b	b	0.10	¼	10	138.0	"
79.0	29.630	86.0	29.590	9	29.960	29.902	81.0	76.0	81.0	76.0	85.0	76.0	5.0	5.0	.802	.802	76.0	76.0	C.	54	C.	23	—	2	—	C.U.	—	E	b	b c	b	0.12		10	134.0	"
80.0	29.654	80.0	29.580	10	29.982	29.912	81.0	75.0	77.0	76.0	84.0	76.0	6.0	1.0	.757	.877	72.0	94.0	E.	72	C.	63	2	8	C.U.	N.	E	E	b c	c	b	0.85	1	10	132.0	"
79.0	29.630	83.0	29.586	11	29.961	29.908	80.0	76.0	79.0	77.0	84.0	74.0	4.0	2.0	.820	.877	80.0	90.0	E.	58	E.	48	2	8	C.U.	N.	E	E	b c	c	b c	0.00	—	10	133.0	O/cast at intervals.
80.0	29.634	85.0	29.630	12	29.912	29.944	81.0	77.0	81.0	76.0	86.0	76.0	4.0	5.0	.849	.802	86.0	76.0	C.	63	E.	42	4	4	C.U.	C.I.	E	—	b c	b c	b	0.00	—	10	136.0	Bright warm day.
81.0	29.676	86.0	29.590	13	30.000	29.902	82.0	76.0	81.0	75.0	87.0	77.0	6.0	6.0	.785	.757	72.0	72.0	E.	130	C.	69	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	137.0	"
80.0	29.664	87.0	29.510	14	29.990	29.819	83.0	74.0	81.0	75.0	87.0	77.0	9.0	6.0	.684	.757	60.0	72.0	E.	87	C.	55	—	8	—	N.	—	—	b	c	b	1.52	1½	10	135.0	Heavy rains during the night.
76.0	29.590	85.0	29.540	15	29.935	29.852	75.0	73.0	81.0	76.0	84.0	71.0	2.0	5.0	.774	.802	89.0	76.0	E.	61	C.	50	6	—	N.	—	E	—	c	b	b	0.00	—	10	134.0	Bright warm day.
80.0	29.604	89.0	29.570	16	29.933	29.875	80.0	78.0	80.0	76.0	84.0	74.0	4.0	5.0	.820	.775	80.0	75.0	E.	47	C.	73	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	130.0	"
80.0	29.670	87.0	29.630	17	29.997	29.938	82.0	76.0	81.0	75.0	86.0	75.0	6.0	6.0	.785	.757	72.0	72.0	E.	56	C.	45	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	135.0	"
81.0	29.672	90.0	29.610	18	29.994	29.909	84.0	76.0	83.0	75.0	86.0	72.0	8.0	8.0	.715	.724	64.0	64.0	E.	46	C.	44	4	8	C.U.	N.	E	E	b c	c	b	0.00	—	10	138.0	"
81.0	29.630	87.0	29.620	19	29.948	29.928	83.0	77.0	81.0	75.0	82.0	71.0	6.0	6.0	.810	.757	72.0	72.0	E.	51	E.	55	6	—	N.	—	E	—	c	b	b	0.00	—	10	137.0	"
80.0	29.610	90.0	29.590	20	29.936	29.890	83.0	76.0	82.0	74.0	83.0	75.0	7.0	8.0	.766	.701	68.0	94.0	C.	35	E.	40	4	—	C.U.	—	E	—	b c	b	b c	0.07	¼	10	135.0	"
81.0	29.610	87.0	29.530	21	29.933	29.827	83.0	78.0	83.0	77.0	84.0	75.0	5.0	6.0	.856	.810	76.0	72.0	E.	27	C.	36	2	8	C.U.	C.I.S.	E	—	b c	c	b c	0.00	—	10	137.0	"
80.0	29.610	76.0	29.470	22	29.942	29.815	77.0	75.0	76.0	75.0	81.0	76.0	2.0	1.0	.829	.848	89.0	74.0	E.	12	S.E.	59	10	8	N.	C.I.-C.U.	E	SE	r	o	c	1.43	1¼	6	130.0	Heavy rains, T/der and Lighting.
79.0	29.612	89.0	29.600	23	29.942	29.903	81.0	78.0	81.0	77.0	84.0	76.0	3.0	4.0	.897	.849	85.0	80.0	E.	160	E.	77	6	2	C.I.S.	C.U.	E	E	c	b c	b	0.08	¼	8	135.0	O/cast at intervals.
78.0	29.666	88.0	29.570	24	29.995	29.877	79.0	76.0	81.0	76.0	85.0	76.0	3.0	5.0	.839	.802	85.0	76.0	E.	52	C.	65	8	—	C.I.-C.U.	—	E	—	c	b	b	0.10	¼	10	135.0	Bright warm day.
80.0	29.610	90.0	29.600	25	29.937	29.900	82.0	76.0	82.0	75.0	81.0	75.0	6.0	7.0	.785	.742	72.0	68.0	C.	52	E.	49	6	2	N.	C.U.	E	E	c	b c	b	0.26	¼	10	134.0	"
79.0	29.590	85.0	29.550	26	29.927	29.860	77.0	76.0	85.0	80.0	80.0	73.0	1.0	5.0	.877	.922	94.0	76.0	E.	30	C.	14	10	4	N.	C.U.	E	E	r	b c	b	0.00	—	10	135.0	O/cast a.m. T/der and L/ing.
81.0	29.570	85.0	29.600	27	29.892	29.914	84.0	79.0	81.0	76.0	83.0	74.0	5.0	5.0	.888	.802	76.0	76.0	C.	13	C.	18	—	8	—	N.	—	—	b c	c	b c	0.25	¼	10	137.0	Heat oppressive.
80.0	29.610	82.0	29.530	28	29.938	29.852	81.0	78.0	81.0	76.0	81.0	76.0	3.0	5.0	.897	.802	85.0	76.0	E.	41	E.	51	8	—	N.	—	E	E	r	b	c	0.23	¼	10	132.0	"
80.0	29.610	87.0	29.610	29	29.935	29.911	84.0	76.0	88.0	80.0	84.0	76.0	8.0	8.0	.751	.865	64.0	65.0	C.	52	E.	40	4	2	C.U.	C.U.	—	E	b c	b c	b c	0.00	—	10	136.0	"
81.0	29.670	89.0	29.580	30	29.893	29.882	83.0	76.0	83.0	76.0	82.0	75.0	7.0	7.0	.766	.766	68.0	68.0	E.	36	C.	39	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	136.0	"
81.0	29.640	89.0	29.540	31	29.962	29.812	84.0	77.0	83.0	77.0	89.0	76.0	7.0	6.0	.794	.813	68.0	72.0	C.	24	C.	54	—	—	—	—	—	—	b c	b	b	0.08	¼	10	136.0	"
																									—	—	—	—		—	—	6.55	9¼			
80.0	29.628	84.0	29.574		29.952	29.854	81.0	76.0	81.0	76.0	86.0	75.0	5.0	5.0	.837	.801	76.0	76.0	E.	59	E.	49	4.0	3.0	—	—	—	—		—	—	16 Days		9¼	135.0	

Summaries

Weather— No. of days of: Rain, Snow, Hail, Thunderstorm, Clear Sky, Overcast, Fog, Gales.
16 0 0 1 22 9 0

Wind— No. of Observation of: Forces 4-7, Calm, N, NE, E, SE, S, SW, NW.
10 0 0 21 0 0 0 0 —9 a.m.
17 0 0 12 2 0 0 0 —6 p.m.

Highest corrected Reading of Barometer—30.000 on 13th
Lowest " " " —29.819 on 14th
Greatest Daily Rainfall — 1.52 on 14th
No. of days with Rainfall .04 in or more — 16
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—89.0 on 31st
Lowest " —71.0 on 15th
Lowest Daily Maximum —130.0 on 17th
Highest Daily Minimum —137.0 on 1st
Lowest Temperature on Grass

Total Rainfall from 1st to 31st August, 1918 ... inches. 6 Parts 55
" for the corresponding period of last year ... 10 58

CHARLES RIGGS, *Observer.*

Month of September, 1918.

Latitude 12° 5′ 2″ N. Longitude 61° 45′ 55″ W. Height of Barometer Cistern above Mean Sea Level 509 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.–9 a.m. 9h. II.–6 p.m. 18h. Hour of reading & setting max. & min. Thermometr 9 a.m.
Gravity Correction 070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 607 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Attached Thermometer. Barometer as read. 9 a.m.	6 p.m.			Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	Max.	Min.	Humidity. Dep. of Wet. 9 a.m.	6 p.m.	Vapour Pressure. 9 a.m.	6 p.m.	Per Centage. 9 a.m.	6 p.m.	Wind. Direction and Force. In 15 hrs.		In 9 hrs.		Cloud. Amount. 9 a.m.	6 p.m.	Form. 9 a.m.	6 p.m.	Direction whence coming. 9 a.m.	6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	during interval ending 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine Estimated Duration.	Radiation Max. Sun, Black bulb in vacuo.	REMARKS.
	in	°	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.																	ins.	hrs.	hrs		
81.0	29.580	87.0	29.520	1	29.902	29.828	84.0	78.0	82.0	76.0	80.0	77.0	6.0	6.0	.840	.785	72.0	72.0	S.E.	58	C.	53	2	—	C.U.	—	SE	—	b c	b	b	0.00	—	10	135.0	Heat oppressive.
82.0	29.580	89.0	29.520	2	29.899	29.821	84.0	78.0	84.0	77.0	89.0	77.0	6.0	7.0	.840	.794	72.0	68.0	E.	26	C.	56	—	—	—	—	—	—	b	b	b	0.00	—	10	136.0	,,
81.0	29.590	89.0	29.530	3	29.902	29.832	84.0	77.0	83.0	76.0	89.0	77.0	7.0	7.0	.794	.766	68.0	68.0	S.E.	37	C.	53	—	—	—	—	—	—	b	b	b	0.00	—	10	138.0	,,
73.0	29.590	85.0	29.520	4	29.908	29.834	85.0	78.0	81.0	77.0	90.0	76.0	7.0	4.0	.826	.849	68.0	80.0	C.	31	E.	30	8	—	C.I.-C.U.	—	—	—	c	b	b	0.10		10	137.0	,,
80.0	29.604	83.0	29.520	5	29.931	29.825	82.0	75.0	83.0	77.0	87.0	75.0	7.0	6.0	.742	.810	68.0	72.0	E.	40	E.	55	2	2	C.U.	N.	E	E	b c	b c	b	0.05	¼	10	134.0	,,
82.0	29.580	87.0	29.554	6	29.899	29.861	84.0	77.0	83.0	77.0	88.0	78.0	7.0	6.0	.794	.810	68.0	72.0	S.E.	84	C.	67	2	—	C.U.	—	SE	—	b c	b	b	0.00	—	10	134.0	,,
82.0	29.606	88.0	29.554	7	29.924	29.860	85.0	79.0	82.0	75.0	89.0	77.0	6.0	7.0	.873	.742	72.0	68.0	C.	56	E.	48	2	—	C.U.	—	E	—	b c	b	b	0.44	1	10	137.0	,,
80.0	29.570	85.0	29.512	8	29.901	29.823	78.0	76.0	84.0	80.0	89.0	76.0	2.0	4.0	.857	.938	89.0	80.0	S.E.	30	C.	68	8	4	N.	C.U.	SE	—	c	b c	b	0.07	¼	10	136.0	,,
81.0	29.570	89.0	29.540	9	29.896	29.843	80.0	78.0	82.0	76.0	85.0	77.0	2.0	6.0	.916	.785	90.0	72.0	C.	26	E.	89	8	2	N.	N.	E	E	c	b c	b	0.00	—	10	132.0	,,
82.0	29.570	88.0	29.510	10	29.877	29.816	83.0	77.0	82.0	76.0	81.0	79.0	6.0	6.0	.810	.785	72.0	72.0	E.	198	E.	127	2	4	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	131.0	Fresh breeze.
82.	29.640	86.0	29.530	11	29.861	29.842	82.0	75.0	81.0	75.0	85.0	77.0	7.0	6.0	.742	.757	68.0	72.0	E.	151	E.	131	6	—	N.	—	E	E	c	b	b	0.00	—	10	133.0	,,
82.0	29.610	88.0	29.510	12	29.930	29.876	83.0	76.0	82.0	76.0	82.0	77.0	7.0	6.0	.766	.785	68.0	72.0	E.	161	E.	98	—	2	—	N.	E	E	b	b c	b	0.00	—	10	132.0	Heat oppressive.
82.0	29.680	90.0	29.570	13	29.998	29.869	85.0	77.0	83.0	76.0	83.0	72.0	8.0	7.0	.781	.766	64.0	68.0	E.	106	C.	68	—	—	—	—	E	—	b	b	b	0.00	—	10	133.0	,,
82.0	29.570	87.0	29.510	14	29.890	29.818	83.0	77.0	82.0	76.0	89.0	76.0	6.0	6.0	.810	.785	72.0	72.0	E.	48	E.	85	4	2	C.U.	N.	E	E	b c	b c	b	1.00	—	10	135.0	,,
81.0	29.588	89.0	29.560	15	29.911	29.863	83.0	77.0	82.0	77.0	85.0	76.0	6.0	5.0	.810	.850	72.0	76.0	S.E.	25	C.	70	6	—	C.U.	—	SE	—	c	b	b	0.19	½	10	137.0	Rain during the night.
82.0	29.600	81.0	29.540	16	29.920	29.870	83.0	78.0	76.0	74.0	85.0	76.0	5.0	2.0	.856	.801	76.0	89.0	C.	40	E.	66	6	10	N.	N.	E	—	c	o	b c	3.20	5	10	135.0	,, T/der and L/ing.
78.0	29.608	78.0	29.510	17	29.950	29.849	74.0	74.0	75.0	73.0	81.0	73.0	0.0	2.0	.840	.774	100.0	89.0	C.	102	N.E.	67	10	8	N.	N.	E	NE	r	c	o	1.86	2	2	126.0	O/cast with a fresh breeze.
80.0	29.570	77.0	29.516	18	29.903	29.854	76.0	75.0	73.0	72.0	81.0	74.0	1.0	1.0	.848	.766	94.0	94.0	C.	145	E.	56	10	10	N.	N.	E	E	r	r	c	1.74	2	2	119.0	,,
58.0	29.604	83.0	29.560	19	29.936	29.881	79.0	75.0	80.0	75.0	85.0	72.0	4.0	5.0	.793	.775	80.0	75.0	S.E.	94	S.E.	64	8	8	N.	C.I.	SE	SE	c	c	b c	0.16	¼	8	135.0	Heat oppressive.
80.0	29.654	85.0	29.590	20	29.983	29.904	80.0	76.0	81.0	76.0	85.0	74.0	4.0	5.0	.820	.802	80.0	76.0	E.	55	C.	55	6	—	C.I.S.	—	E	—	c	b	b	0.00	—	10	133.0	,,
80.0	29.644	87.0	29.580	21	29.971	29.889	82.0	77.0	81.0	76.0	86.0	76.0	5.0	5.0	.830	.802	76.0	76.0	E.	40	E.	68	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	,,
81.0	29.670	86.0	29.630	22	29.992	29.939	84.0	76.0	83.0	77.0	87.0	76.0	8.0	6.0	.751	.810	64.0	72.0	C.	32	C.	27	—	—	—	—	—	—	b	b	b	0.00	—	10	135.0	,,
82.0	29.664	86.0	29.590	23	29.983	29.901	84.0	77.0	82.0	77.0	88.0	77.0	7.0	6.0	.794	.830	68.0	76.0	E.	44	E.	46	2	2	C.U.	C.U.	E	E	b c	b c	b	0.18	¼	10	135.0	,,
86.0	29.650	81.0	29.560	24	29.963	29.888	80.0	77.0	78.0	75.0	85.0	78.0	3.0	3.0	.867	.810	85.0	84.0	C.	58	E.	59	6	4	C.I.S.	A.-C.U.	E	E	c	b c	b c	0.15	¼	10	135.0	,,
80.0	29.608	78.0	29.540	25	29.938	29.879	79.0	76.0	75.0	74.0	79.0	76.0	3.0	1.0	.839	.820	85.0	94.0	E.	75	E.	38	6	10	N.	N.	E	E	c	o	c	1.10	1	—	122.0	O/cast T/der and L/ing about noon.
77.0	29.630	85.0	29.590	26	29.969	29.911	78.0	74.0	80.0	73.0	87.0	73.0	4.0	7.0	.765	.690	79.0	67.0	C.	58	C.	28	6	6	C.I.S.	C.I.-C.U.	—	—	o	c	b c	—	—	10	137.0	O/cast at intervals.
80.0	29.610	87.0	29.560	27	29.938	29.868	81.0	78.0	82.0	77.0	85.0	76.0	3.0	5.0	.897	.830	85.0	76.0	C.	13	C.	64	4	—	N.	—	—	—	b c	b	b	—	—	10	137.0	Heat oppressive.
81.0	29.610	85.0	29.540	28	29.934	29.863	82.0	77.0	82.0	76.0	87.0	76.0	5.0	6.0	.830	.785	76.0	74.0	E.	25	C.	56	—	2	—	C.I.-C.U.	—	—	b	b c	b	0.10	¼	10	136.0	,,
81.0	29.620	80.0	29.530	29	29.943	29.861	83.0	78.0	78.0	73.0	85.0	77.0	5.0	5.0	.850	.722	76.0	75.0	C.	47	C.	53	—	4	—	C.I.-C.U.	—	—	b	b c	b c	0.08	¼	8	133.0	O/cast at intervals.
81.0	29.610	80.0	29.530	30	29.933	29.860	83.	77.0	79.0	73.0	85.0	76.0	6.0	6.0	.810	.707	72.0	71.0	E.	52	E.	72	4	6	N.	N.	E	E	b c	c	b c	0.38	½	8	134.0	,,
																														—	—	—	—	9.80	14			
81.0	29.608	85.0	29.544		29.929	29.861	82.0	77.0	81.0	76.0	86.0	76.0	5.0	5.0	.820	.790	76.0	76.0	E.	65	E.	64	4.0	3.0	—	—	—	—		—	—		15 Days.	9.0	133.0	

Summaries.

Weather— No. of days of:

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
15	0	0	2	21	9	0	

Wind— No. of Observations of:

Forces	4-7,	Calm,	N,	NE,	E,	SE,	S,	SW.	NW.	
	11	0	0	13	6	0	0	0		—9 a.m.
	13	0	1	15	1	0	0	0		—6 p.m.

Highest corrected Reading of Barometer—29.998 on 13th
Lowest " " " —29.816 on 10th
Greatest Daily Rainfall — — 3.20 on 16th
No. of days with Rainfall 0.04 in or more— 15
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—90.0 on 4th
Lowest " — 72.0 on 13th
Lowest Daily Maximum —119.0 on 18th
Highest Daily Minimum —138.0 on 3rd
Lowest Temperature on Grass

Total Rainfall from 1st to 30th September, 1918 ... ... Inches. 9 Parts 80
" for the corresponding period of last year 6 89

CHARLES RIGGS, *Observer*

Month of October, 1918.

Latitude 12° 5' 2" N. Longitude 61° 45' 55" W. Height of Barometer Cistern above Mean Sea Level 509 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.–9 a.m. 9h. II.–6 p.m. 18h. Hour of reading & setting max. & min. Thermomtr 9 a.m.
Gravity Correction 070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 507 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Attached Thermometer 9 a.m.	Barometer as read 9 a.m.	Attached Thermometer 6 p.m.	Barometer as read 6 p.m.	Date	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	Air Pressure 6 p.m.	Air Temperature (degrees F.) 9 a.m. Dry	9 a.m. Wet	6 p.m. Dry	6 p.m. Wet	9 a.m. Max.	9 a.m. Min.	Humidity: Dep. of Wet 9 a.m.	Dep. of Wet 6 p.m.	Vapour Pressure 9 a.m.	Vapour Pressure 6 p.m.	Per Centage 9 a.m.	Per Centage 6 p.m.	Wind, Direction and Force: In 15 hrs.	In 9 hrs.	Cloud Amount 9 a.m.	Cloud Amount 6 p.m.	Cloud Form 9 a.m.	Cloud Form 6 p.m.	Direction whence coming 9 a.m.	Direction whence coming 6 p.m.	Weather at time of observation 9 a.m.	Weather 6 p.m.	Weather during interval 9 a.m.	Rain: Amount during 24 hrs. beginning 9 a.m.	Rain: Estimated duration	Sunshine: Estimated Duration	Radiation: M. in Sun. Black Bulb in vacuo.	REMARKS.
°	in.	°	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.														ins.	hrs.	hrs.		
80.0	29.574	85.0	29.540	1	29.903	29.855	80.0	77.0	80.0	75.0	84.0	75.0	3.0	5.0	.867	.775	85.0	75.0	E. 77	C. 50	6	4	N.	C.U.-N.	E	—	c	b c	b c	0.84	1	6	133.0	O/cast at intervals.
78.0	29.590	82.0	29.540	2	29.926	29.864	78.0	72.0	79.0	74.0	85.0	72.0	6.0	5.0	.681	.749	71.0	75.0	E. 84	C. 40	10	10	A.S.	N.	E	—	o	r	b c	0.42	2	10	137.0	Heat oppressive.
80.0	29.602	81.0	29.540	3	29.930	29.867	81.0	76.0	79.0	74.0	84.0	74.0	5.0	5.0	.802	.749	76.0	75.0	E. 85	E. 49	4	4	C.I.-C.U.	C.I.S.	—	E	b c	b c	b	0.04	¼	10	135.0	,,
81.0	29.610	85.0	29.520	4	29.931	29.934	82.0	78.0	81.0	77.0	86.0	75.0	4.0	4.0	.877	.849	80.0	80.0	E. 54	C. 66	6	4	C.U.	C.I.-C.U.	E	—	c	b c	b	0.00	—	10	133.0	,,
81.0	29.620	85.0	29.540	5	29.942	29.854	84.0	78.0	81.0	77.0	86.0	76.0	6.0	4.0	.840	.849	72.0	80.0	C. 46	C. 62	2	—	C.I.	—	—	—	b c	b	b	0.08	¼	10	133.0	,,
81.0	29.602	85.0	29.550	6	29.925	29.864	83.0	77.0	81.0	77.0	86.0	76.0	6.0	4.0	.810	.849	72.0	80.0	C. 59	C. 48	2	—	C.U.	—	—	—	b c	b	b	0.00	—	10	134.0	,,
82.0	29.606	84.0	29.514	7	29.924	29.822	85.0	78.0	80.0	77.0	88.0	77.0	7.0	3.0	.826	.867	68.0	85.0	C. 43	C. 43	2	—	C.U.	—	—	—	b c	b	b	0.16	¼	10	137.0	,,
81.0	29.560	86.0	29.470	8	29.883	29.782	83.0	77.0	82.0	77.0	86.0	76.0	6.0	5.0	.810	.880	80.0	76.0	E. 41	C. 48	2	2	C.U.	N.	E	E	b c	b c	b	0.00	—	10	133.0	,,
82.0	29.534	85.0	29.460	9	29.855	29.735	82.0	77.0	81.0	77.0	87.0	76.0	5.0	4.0	.830	.849	76.0	80.0	S.E. 30	C. 85	2	—	C.U.	—	—	—	b c	b	b	0.00	—	10	135.0	,,
82.	29.584	83.0	29.510	10	29.904	29.830	83.0	78.0	81.0	77.0	87.0	77.0	5.0	4.0	.856	.849	76.0	80.0	S.E. 45	S.E. 65	8	10	C.I.-C.U.	A.S.	—	SE	o	o	b c	0.07	¼	8	134.0	,,
81.0	29.610	84.0	29.540	11	29.936	29.857	80.0	78.0	81.0	76.0	86.0	77.0	2.0	5.0	.916	.802	90.0	76.0	C. 42	S.E. 52	8	6	N.	C.I.S.	—	—	c	c	b	0.00	—	10	135.0	,,
80.0	29.588	81.0	29.520	12	29.911	29.847	84.0	78.0	79.0	75.0	84.0	76.0	6.0	4.0	.840	.793	72.0	80.0	C. 17	C. 20	—	6	—	C.I.-C.U.	—	—	b	c	b c	0.56	½	8	130.0	,,
81.0	29.540	85.0	29.480	13	29.863	29.796	83.0	77.0	80.0	77.0	88.0	74.0	6.0	3.0	.810	.867	72.0	85.0	C. 28	S.E. 37	—	4	—	C.I.	—	E	b	b c	b	0.15	¼	10	137.0	,,
82.0	29.564	85.0	29.460	14	29.884	29.775	83.0	78.0	81.0	77.0	87.0	76.0	5.0	4.0	.856	.849	76.0	80.0	E. 21	C. 36	2	2	C.U.	N.	E	—	b c	b c	b	0.15	¼	10	135.0	,,
81.0	29.570	82.0	29.448	15	29.804	29.774	82.0	77.0	78.0	75.0	86.0	76.0	5.0	3.0	.830	.810	76.0	84.0	E. 93	S.E. 101	2	6	C.U.	N.	E	SE	b c	c	b c	0.93	½	8	134.0	,,
81.0	29.570	84.0	29.512	16	29.893	29.830	83.0	77.0	80.0	76.0	86.0	74.0	6.0	4.0	.810	.820	72.0	80.0	E. 85	C. 48	2	6	C.U.	N.	E	—	b c	c	b c	0.00	—	10	135.0	,,
81.0	29.520	80.0	29.460	17	29.844	29.791	82.0	77.0	78.0	74.0	83.0	76.0	5.0	4.0	.810	.763	76.0	79.0	E. 63	E. 64	2	8	C.U.	N.	E	E	b c	c	b c	0.65	½	8	135.0	,,
83.0	29.510	79.0	29.460	18	29.831	29.799	82.0	77.0	73.0	73.0	85.0	75.0	5.0	—	.830	.812	76.0	100	E. 87	E. 61	6	10	N.	N.	E	E	c	r	b c	1.27	1½	4	135.0	O/cast and showery.
78.0	29.520	80.0	29.520	19	29.853	29.848	78.0	75.0	81.0	73.0	84.0	73.0	3.0	6.0	.810	.757	84.0	72.0	E. 74	E. 45	6	10	N.	N.	E	E	c	r	b c	0.88	1	6	133.0	,, ,, fresh breeze.
80.0	29.504	81.0	29.530	20	29.832	29.856	81.0	75.0	80.0	75.0	85.0	74.0	6.0	5.0	.757	.775	72.0	75.0	N.E. 96	C. 65	—	—	—	—	—	—	b	b	b	0.00	—	10	132.0	Heat oppressive.
81.0	29.526	83.0	29.412	21	29.849	29.736	83.0	76.0	78.0	76.0	87.0	76.0	7.0	2.0	.766	.857	68.0	89.0	E. 53	E. 54	—	8	—	N.	—	E	b	c	b	0.08	—	10	135.0	,,
81.0	29.580	84.0	29.470	22	29.855	29.788	81.0	78.0	81.0	77.0	85.0	77.0	3.0	4.0	.897	.849	85.0	80.0	E. 91	C. 105	6	—	C.U.	—	E	—	c	b	b	0.11	¼	10	133.0	,,
81.0	29.590	84.0	29.552	23	29.915	29.870	81.0	78.0	80.0	77.0	85.0	76.0	3.0	3.0	.897	.867	85.0	85.0	S.E. 73	S.E. 65	6	2	C.U.	N.	SE	SE	c	b c	b c	0.20	¼	10	135.0	O/cast at intervals.
80.0	29.590	83.0	29.530	24	29.919	29.852	80.0	77.0	79.0	75.0	84.0	75.0	3.0	4.0	.867	.793	85.0	80.0	E. 48	E. 46	8	—	N.	—	E	—	c	b	b c	0.32	½	6	132.0	,,
80.0	29.560	84.0	29.492	25	29.888	29.812	81.0	77.0	79.0	74.0	86.0	76.0	4.0	5.0	.849	.749	80.0	75.0	E. 41	E. 43	4	4	N.	C.U.-N.	E	—	b c	b c	b	0.57	½	8	136.0	Bright warm day.
80.0	29.590	84.0	29.480	26	29.917	29.799	82.0	75.0	80.0	75.0	86.0	74.0	7.0	5.0	.742	.775	68.0	75.0	E. 36	C. 35	—	—	—	—	—	—	b	b	b	0.00	—	10	134.0	,,
80.0	29.530	82.0	29.460	27	29.857	29.789	82.0	76.0	75.0	74.0	87.0	75.0	6.0	1.0	.795	.820	72.0	94.0	C. 16	E. 46	6	10	C.U.	N.	E	E	c	n	b c	2.30	2	6	134.0	Heavy rains during the night.
78.0	29.510	79.0	29.460	28	29.850	29.795	74.0	73.0	77.0	75.0	82.0	73.0	1.0	2.0	.793	.829	94.0	89.0	S.E. 85	E. 41	8	6	N.	C.I.-C.U.	SE	—	c	c	c	0.16	2	4	123.0	O/cast with light showers.
80.0	29.558	82.0	29.470	29	29.885	29.795	82.0	76.0	79.0	75.0	85.0	74.0	6.0	4.0	.785	.793	72.0	80.0	E. 67	C. 54	4	6	C.U.	C.U.-N.	E	—	b c	c	b c	0.95	4	8	135.0	,, ,,
79.0	29.570	82.0	29.480	30	29.901	29.806	80.0	77.0	78.0	76.0	83.0	74.0	3.0	2.0	.867	.857	85.0	89.0	C. 60	C. 52	4	6	C.U.	N.	E	E	b c	c	b c	0.75	1	8	132.0	,, ,, T/der Storm
80.0	29.586	83.0	29.452	31	29.864	29.775	81.0	77.0	79.0	75.0	84.0	73.0	4.0	4.0	.849	.793	80.0	80.0	C. 52	C. 49	4	6	N.	N.	—	E	b c	c	b c	0.20	¾	8	133.0	,, ,,
																							—	—	—	—		—	—	11.76	19¾			
81.0	29.568	83.0	29.496		29.889	29.816	81.0	77.0	79.0	76.0	85.0	75.0	5.0	4.0	.825	.821	80.0	81.0	E. 57	E. 54	4.0	4½	—	—	—	—		—	—	22 Days	⅗	8½	134.0	

Summaries.

Weather—No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
22	0	0	1	15	16	0	

Wind—*No. of Observation of

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.
—9 a.m.	9	0	1	17	4	0	0	0	
—6 p.m.	17	0	0	9	5	0	0	0	

Highest corrected Reading of Barometer—29.942 on 5th
Lowest ,, ,, —29.735 on 9th
Greatest Daily Rainfall — — 2.30 on 27th
No. of days with Rainfall 0.04 in or more— 12
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—88.0 on 7th
Lowest ,, — 72.0 on 2nd
Lowest Daily Maximum —123.0 on 28th
Highest Daily Minimum —137.0 on 2nd
Lowest Temperature on Grass

	Inches.	Parts
Total Rainfall for the month of October, 1918 ...	11	76
,, for the corresponding period of last year ...	7	92

CHARLES RIGGS, *Observer.*

Month of November, 1918.

Latitude 12° 5′ 2″ N. **Longitude** 61° 45′ 55″ W. **Height of Barometer Cistern above Mean Sea Level** 509 feet. **Height above Ground of Thermometers** 5 feet. **Hours of Observation** I.—9 a.m. 9h. II.—6 p.m. 18h. **Hour of reading & setting max. & min. Thermomtr** 9 a.m.
Gravity Correction 070 inch. **Standard of Time.** **Height of Rain Gauge above Mean Sea Level** 507 feet. **Height of Rim of Rain Gauge above Ground** 2 feet.

Attached Thermometer. Barometer as read. 9 a.m.	6 p.m.	Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	Max.	Min.	Humidity. Dep. of Wet. 9 a.m.	6 p.m.	Vapour Pressure. 9 a.m.	6 p.m.	Per Centage. 9 a.m.	6 p.m.	Wind. Direction and Force. In 15 hrs.	In 9 hrs.	Cloud Amount. 9 a.m.	6 p.m.	Form. 9 a.m.	6 p.m.	Direction whence coming. 9 a.m.	6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	during interval ending at 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine Estimated Duration.	Radiation. Max. in Sun. Black Bulb in vacuo.	REMARKS.
in	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.														ins.	hrs	hrs		
79.0	29.540	82.0	29.460	1	29.872	29.786	79.0	76.0	78.0	75.0	83.0	76.0	3.0	3.0	.839	.810	85.0	84.0	C.	86 S.E.	36	8	6	N.	N.	—	SE	c	c	b c	0.29	½	6	127.0	O/cast at intervals, and showery.
79.0	29.590	80.0	29.502	2	29.923	29.833	78.0	76.0	78.0	75.0	83.0	75.0	2.0	3.0	.857	.810	89.0	84.0	E.	65 C.	41	8	8	N.	N.	E	—	c	c	b c	0.36	½	6	128.0	,,
80.0	29.584	82.0	29.520	3	29.911	29.844	82.0	77.0	79.0	76.0	83.0	74.0	5.0	3.0	.962	.839	85.0	85.0	S.E.	81 C.	81	6	6	C.I.-C.U.	N.	SE	—	c	c	b	0.00	—	10	131.0	Bright warm day.
80.0	29.544	84.0	29.452	4	29.871	29.771	82.0	77.0	80.0	76.0	85.0	76.0	5.0	4.0	.962	.820	85.0	80.0	E.	56 C.	43	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	,,
81.0	29.510	83.0	29.390	5	29.834	29.712	82.0	77.0	80.0	76.0	86.0	76.0	5.0	4.0	.962	.820	85.0	80.0	E.	45 E.	43	2	—	C.U.	—	E	—	b c	b	b	0.07	½	10	135.0	,,
81.0	29.506	83.0	29.430	6	29.831	29.753	81.0	78.0	79.0	76.0	84.0	77.0	3.0	3.0	.897	.839	85.0	85.0	S.E.	52 C.	59	8	10	N.	N.	SE	—	c	c	b c	0.07	½	10	127.0	,,
81.0	29.510	85.0	29.444	7	29.834	29.760	82.0	78.0	80.0	77.0	85.0	76.0	4.0	3.0	.877	.867	80.0	85.0	S.E.	58 E.	64	2	4	C.U.	N.	SE	E	b c	b c	b	0.30	½	10	131.0	,,
80.0	29.480	83.0	29.430	8	29.810	29.752	79.0	77.0	80.0	77.0	82.0	75.0	2.0	3.0	.887	.867	90.0	85.0	S.E.	56 E.	82	8	8	N.	N.	SE	E	c	c	b c	0.63	1	8	131.0	,, [breeze.
80.0	29.490	82.0	29.406	9	29.819	29.730	80.0	77.0	80.0	76.0	83.0	73.0	3.0	4.0	.867	.820	85.0	80.0	S.E.	121 S.E.	107	10	6	C.I.-C.U.	N.	SE	SE	c	c	b c	0.75	1	8	131.0	Slight earth quake 7.15 p.m., fresh
80.0	29.530	80.0	29.490	10	29.859	29.820	80.0	76.0	79.0	76.0	83.0	73.0	4.0	3.0	.820	.839	80.0	85.0	E.	124 S.E.	55	8	6	C.I.S.	N.	E	SE	c	c	b	0.05	¼	10	132.0	Bright warm day.
80.0	29.560	83.0	29.484	11	29.889	29.806	82.0	77.0	80.0	75.0	84.0	76.0	5.0	5.0	.962	.775	85.0	75.0	C.	64 E.	55	2	4	C.U.	N.	E	E	b c	b c	b	0.00	—	10	132.0	,,
80.0	29.540	84.0	29.460	12	29.867	29.780	82.0	76.0	79.0	75.0	84.0	76.0	6.0	4.0	.785	.793	72.0	80.0	E.	76 E.	80	—	—	—	—	—	—	b	b	b	0.00	—	10	131.0	,,
80.0	29.550	80.0	29.492	13	29.879	29.823	81.0	77.0	78.0	74.0	84.0	75.0	4.0	4.0	.849	.765	80.0	79.0	E.	30 C.	49	2	8	C.U.	C.I.-C.U.	E	—	b c	c	b c	0.15	¼	10	130.0	,,
80.0	29.570	83.0	29.520	14	29.898	29.841	81.0	76.0	80.0	76.0	85.0	76.0	5.0	4.0	.802	.820	76.0	80.0	C.	64 C.	57	6	4	C.I.-C.U.	N.	—	—	c	b c	b	0.06	¼	10	131.0	,,
80.0	29.590	83.0	29.530	15	29.920	29.851	79.0	76.0	80.0	75.0	86.0	75.0	3.0	5.0	.839	.775	85.0	75.0	C.	57 E.	40	8	4	N.	C.U.-N.	—	—	r	b c	b	0.05	¼	10	133.0	,,
80.0	29.610	82.0	29.500	16	29.937	29.823	82.0	77.0	80.0	76.0	85.0	75.0	5.0	4.0	.830	.820	76.0	80.0	E.	130 E.	43	2	4	C.U.	N.	E	E	b c	b c	b	0.33	½	10	132.0	,,
79.0	29.570	83.0	29.510	17	29.901	29.832	80.0	77.0	79.0	75.0	85.0	75.0	3.0	4.0	.867	.793	85.0	80.0	E.	31 S.E.	40	8	6	C.I.-C.U.	N.	S	SE	c	c	b	0.31	½	10	135.0	,,
80.0	29.560	82.0	29.510	18	29.888	29.834	81.0	76.0	79.0	75.0	85.0	75.0	5.0	4.0	.802	.793	76.0	80.0	E.	48 E.	40	—	8	—	N.	—	E	b	c	b	0.07	¼	10	132.0	,,
80.0	29.604	82.0	29.530	19	29.932	29.853	81.0	76.0	80.0	75.0	85.0	76.0	5.0	5.0	.802	.775	76.0	75.0	E.	63 E.	45	8	—	C.I.-C.U.	—	E	—	c	b	b	0.23	½	10	132.0	,,
80.0	29.650	83.0	29.520	20	29.979	29.841	80.0	76.0	80.0	75.0	84.0	75.0	4.0	5.0	.820	.775	80.0	75.0	E.	50 C.	35	8	—	N.	—	E	—	c	b	b c	0.47	1	10	133.0	,,
79.0	29.604	82.0	29.540	21	29.937	29.865	78.0	74.0	78.0	74.0	85.0	74.0	4.0	4.0	.765	.765	79.0	79.0	E.	40 C.	46	4	—	N.	—	E	—	b c	b	b	0.12	¼	10	132.0	,,
78.0	29.590	82.0	29.530	22	29.925	28.855	79.0	74.0	78.0	73.0	84.0	75.0	5.0	5.0	.749	.722	75.0	75.0	E.	57 C.	60	—	—	—	—	—	—	b	b	b	0.20	¼	10	132.0	,,
80.0	29.610	82.0	29.560	23	29.937	29.884	82.0	76.0	79.0	74.0	84.0	74.0	6.0	5.0	.785	.749	72.0	75.0	E.	55 E.	98	2	4	C.U.	C.U.	E	E	b c	b c	b	0.13	¼	10	132.0	,,
80.0	29.620	81.0	29.560	24	29.948	29.888	81.0	75.0	78.0	74.0	84.0	75.0	6.0	4.0	.757	.765	72.0	79.0	E.	83 E.	87	2	6	C.U.	N.	E	E	b c	c	b	0.05	¼	10	132.0	,,
80.0	29.620	82.0	29.570	25	29.918	29.894	81.0	74.0	79.0	74.0	85.0	76.0	7.0	5.0	.715	.749	68.0	75.0	E.	133 E.	74	2	4	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	135.0	,,
81.0	29.640	82.0	29.560	26	29.963	29.884	83.0	75.0	79.0	73.0	86.0	76.0	8.0	6.0	.724	.707	64.0	71.0	C.	82 N.E.	52	2	4	C.U.	C.U.	—	NE	b c	b c	b	0.98	1	10	135.0	,,
79.0	29.620	79.0	29.510	27	29.951	29.844	80.0	75.0	77.0	74.0	82.0	73.0	3.0	3.0	.775	.783	75.0	84.0	N.E.	70 N.E.	70	2	8	C.U.	N.	NE	NE	b c	c	b c	0.30	½	6	128.0	O/cast at intervals, and showery.
79.0	29.610	82.0	29.530	28	29.941	29.851	80.0	75.0	78.0	73.0	81.0	75.0	5.0	5.0	.775	.722	75.0	75.0	E.	56 E.	49	—	4	—	C.U.-N.	—	E	b	b c	b c	0.22	¼	8	135.0	Bright warm day.
79.0	29.640	81.0	29.550	29	29.970	29.880	81.0	76.0	76.0	73.0	83.0	76.0	5.0	3.0	.802	.756	76.0	84.0	C.	103 E.	56	6	8	C.I.S.	N	—	E	c	c	b c	0.15	¼	8	130.0	,,
79.0	29.590	80.0	29.540	30	29.922	29.873	79.0	74.0	76.0	73.0	82.0	74.0	5.0	3.0	.749	.756	75.0	84.0	E.	83 C.	65	8	8	N.	N.	E	—	c	c	b c	0.20	¼	8	132.0	,,
																								—	—	—	—		—	—	6.54				
80.0	29.574	82.0	29.501		29.903	29.791	81.0	76.0	79.0	74.0	84.0	75.0	5.0	4.0	.829	.789	79.0	80.0	E.	70 E.	58	4½	4½	—	—	—	—		—	—	25 Days	11.0	9.8	12.0	

Summaries.

Weather— No. of days of:

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
25	0	0	0	19	11	0	

Wind— No. of Observations of:

Forces	4-7,	Calm,	N,	NE,	E,	SE,	S.	SW.	NW	
	6	0	1	18	5	0	0	0		—9 a.m.
	10	0	2	14	4	0	0	0		—6 p.m.

Highest corrected Reading of Barometer—29.979 on 20th
Lowest ,, ,, ,, —29.771 on 4th
Greatest Daily Rainfall — 0.98 on 26th
No. of days with Rainfall 0.04 in or more— 25
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—86.0 on 5th
Lowest ,, — 73.0 on 9th
Lowest Daily Maximum —127.0 on 1st
Highest Daily Minimum —135.0 on 5th
Lowest Temperature on Grass

	Inches.	Parts
Total Rainfall for the month of November, 1918	6	54
,, for the corresponding period of last year	6	54

CHARLES BIGGS, *Observer*

Month of December, 1918.

Latitude 12° 5′ 2″ N. Longitude 61° 45′ 55″ W. Height of Barometer Cistern above Mean Sea Level 309 feet. Height above Ground of Thermometers 5 feet. Hours of Observation I.–9 a.m. 9h. II.–6 p.m. 18h. Hour of reading & setting max. & min. Thermomtr 9 a.m.
Gravity Correction .070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 307 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Attached Thermometer. Barometer as read. 9 a.m.	6 p.m.	Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	6 p.m.	Air Temperature (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	Max.	Min.	Humidity. Dep. of Wet. 9 a.m.	6 p.m.	Vapour Pressure. 9 a.m.	6 p.m.	Per Centage. 9 a.m.	6 p.m.	Wind. Direction and Force. In 15 hrs.		In 9 hrs.		Cloud. Amount. 9 a.m.	6 p.m.	Form. 9 a.m.	6 p.m.	Direction whence coming. 9 a.m.	6 p.m.	Weather at time of observation. 9 a.m.	6 p.m.	During interval ending at 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration.	Sunshine Estimated Duration.	Radiation. Max. in Sun. Black bulb in vacuo.	REMARKS.
	in	°	in.		in.	in.	°	°	°	°	°	°	in.	in.																	in.	hrs	hrs		
78.0	29.600	83.0	29.576	1	29.936	29.893	78.0	73.0	78.0	73.0	84.0	74.0	5.0	5.0	.722	.722	75.0	75.0	C.	47	E.	40	6	8	A.-C.U.	N.	—	E	c	c	b c	0.31	½	6	133.0	O'cast at intervals, with light rains.
77.0	29.650	80.0	29.580	2	29.991	29.911	76.0	74.0	78.0	71.0	83.0	74.0	2.0	7.0	.801	.642	89.0	67.0	S.E.	107	E.	92	8	—	N.	—	E	—	c	b	b c	0.29	½	6	132.0	" "
75.0	29.660	82.0	29.590	3	30.007	29.915	73.0	72.0	78.0	73.0	81.0	71.0	1.0	5.0	.766	.722	94.0	75.0	E.	107	E.	47	10	—	N.	—	E	—	r	b	b	0.35	¼	8	129.0	" "
79.0	29.630	82.0	29.560	4	29.962	29.985	79.0	72.0	78.0	73.0	84.0	71.0	7.0	5.0	.666	.722	67.0	75.0	E.	89	E.	60	6	—	C.U.	—	—	—	c	b	b	0.04	¼	10	135.0	Bright day.
79.0	29.630	82.0	29.570	5	29.961	29.894	80.0	76.0	79.0	74.0	83.0	72.0	4.0	5.0	.820	.749	80.0	75.0	E.	60	C.	61	4	6	C.U.	C.U.	E	E	b c	c	b	0.05	¼	10	132.0	"
79.0	29.640	80.0	29.590	6	29.970	29.912	81.0	75.0	77.0	72.0	83.0	75.0	6.0	5.0	.757	.697	72.0	75.0	N.E.	83	E.	76	—	—	—	—	—	—	b	b	b c	0.73	¾	8	132.0	O'cast at intervals, light rains.
77.0	29.680	80.0	29.580	7	30.022	29.912	75.0	74.0	77.0	73.0	81.0	71.0	1.0	4.0	.820	.739	94.0	79.0	E.	91	C.	49	10	—	N.	—	E	—	o	b	b c	0.30	½	6	131.0	"
78.0	29.644	80.0	29.560	8	29.979	29.892	79.0	73.0	77.0	72.0	83.0	73.0	6.0	5.0	.707	.697	71.0	75.0	E.	88	E.	62	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	132.0	Bright warm day.
79.0	29.630	80.0	29.560	9	29.962	29.891	79.0	74.0	78.0	75.0	81.0	75.0	5.0	3.0	.749	.810	75.0	84.0	E.	90	C.	55	8	10	N.	N.	E	E	c	o	b c	0.63	¾	8	132.0	O'cast, with light showers.
76.0	29.630	77.0	29.590	10	29.975	29.932	75.0	74.0	73.0	70.0	79.0	71.0	1.0	3.0	.820	.680	94.0	84.0	E.	73	N.E.	48	8	10	N.	N.	E	NE	c	r	b c	0.18	½	6	125.0	"
79.0	29.630	80.0	29.520	11	29.962	29.852	79.0	75.0	77.0	75.0	83.0	72.0	4.0	2.0	.793	.697	80.0	75.0	E.	69	C.	49	6	10	C.I.-C.U.	N.	E	E	c	o	b	0.00	—	8	137.0	" at intervals.
78.0	29.610	80.0	29.550	12	29.946	29.831	78.0	74.0	78.0	74.0	82.0	75.0	4.0	4.0	.705	.765	79.0	79.0	E.	103	E.	87	6	8	C.I.	A.-C.U.	E	E	c	c	b	0.00	—	10	130.0	Fine weather.
79.0	29.606	80.0	29.540	13	29.939	29.871	78.0	74.0	78.0	73.0	82.0	76.0	4.0	5.0	.705	.722	79.0	75.0	E.	139	E.	74	8	8	C.I.-C.U.	C.I.-C.U.	E	E	c	c	b	0.04	¼	10	130.0	"
79.0	29.620	80.0	29.570	14	29.952	29.902	79.0	74.0	77.0	72.0	83.0	75.0	5.0	5.0	.749	.697	75.0	75.0	E.	78	C.	59	8	8	C.I.-C.U.	C.I.-C.U.	E	E	c	c	b	0.24	¼	8	131.0	"
79.0	29.634	80.0	29.510	15	29.969	29.871	79.0	73.0	78.0	73.0	83.0	72.0	6.0	5.0	.707	.722	71.0	75.0	E.	54	E.	62	4	—	C.U.	—	E	—	b c	b	b	0.05	¼	10	133.0	"
79.0	29.594	81.0	29.520	16	29.923	29.819	80.0	73.0	77.0	71.0	84.0	74.0	5.0	6.0	.690	.658	67.0	71.0	N.E.	114	E.	62	2	—	C.I.	—	—	—	b c	b	b	0.00	—	10	132.0	"
79.0	29.578	82.0	29.500	17	29.909	29.826	80.0	74.0	77.0	72.0	85.0	74.0	6.0	5.0	.732	.697	71.0	75.0	E.	36	E.	45	4	—	N.	—	E	—	b c	b	b	0.00	—	10	132.0	"
78.0	29.590	81.0	29.510	18	29.924	29.829	80.0	74.0	77.0	74.0	84.0	75.0	6.0	3.0	.732	.783	71.0	84.0	C.	47	C.	60	8	—	N.	—	E	—	c	b	b	0.04	¼	10	132.0	"
79.0	29.586	81.0	29.530	19	29.918	29.857	79.0	75.0	79.0	75.0	83.0	74.0	4.0	4.0	.793	.793	80.0	80.0	C.	69	C.	45	6	8	C.I.-C.U.	C.I.	—	—	c	c	b	0.30	½	10	132.0	"
78.0	29.580	80.0	29.530	20	29.917	29.861	77.0	75.0	78.0	74.0	82.0	73.0	2.0	4.0	.829	.765	89.0	79.0	C.	74	E.	42	6	8	N.	N.	E	E	c	c	b	0.00	—	10	126.0	"
79.0	29.594	81.0	29.504	21	29.925	29.831	80.0	75.0	79.0	74.0	85.0	75.0	5.0	5.0	.775	.749	75.0	75.0	C.	53	C.	35	8	—	C.I.S.	—	—	—	c	b	b	0.00	—	10	132.0	"
77.0	29.580	80.0	29.504	22	29.918	29.836	79.0	74.0	77.0	72.0	84.0	73.0	4.0	5.0	.749	.697	75.0	75.0	C.	17	C.	22	2	—	C.U.	—	—	—	b c	b	b	0.80	1	10	135.0	"
77.0	29.558	80.0	29.540	23	29.898	29.874	77.0	72.0	75.0	71.0	81.0	71.0	5.0	4.0	.697	.690	75.0	79.0	E.	43	E.	42	8	6	C.I.-C.U.	N.	E	E	c	c	b	0.00	—	10	132.0	"
76.0	29.552	79.0	29.502	24	29.892	29.838	79.0	72.0	75.0	71.0	83.0	72.0	7.0	4.0	.666	.690	67.0	79.0	C.	43	E.	37	—	8	—	N.	—	E	b	c	b	0.00	—	10	133.0	"
79.0	29.570	80.0	29.494	25	29.901	29.827	80.0	74.0	76.0	73.0	83.0	73.0	6.0	3.0	.732	.756	71.0	84.0	E.	52	E.	51	2	6	C.U.	N.	E	E	b c	c	b	0.00	—	10	132.0	"
79.0	29.580	80.0	29.456	26	29.900	29.781	81.0	74.0	78.0	74.0	83.0	75.0	7.0	4.0	.715	.765	68.0	79.0	E.	40	E.	77	6	8	C.U.	C.I.-C.U.	E	E	c	c	b	0.04	¼	10	132.0	"
78.0	29.594	81.0	29.530	27	29.929	29.858	79.0	74.0	78.0	74.0	84.0	75.0	5.0	4.0	.749	.765	75.0	79.0	E.	80	E.	41	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	130.0	"
78.0	29.584	81.0	29.540	28	29.916	29.868	78.0	74.0	78.0	74.0	84.0	75.0	4.0	4.0	.765	.765	79.0	79.0	E.	81	E.	58	2	4	C.U.	C.U.	E	E	c	b c	b	0.00	—	10	132.0	"
78.0	29.644	83.0	29.556	29	29.979	29.877	79.0	72.0	80.0	74.0	84.0	73.0	7.0	6.0	.666	.732	67.0	71.0	E.	43	C.	30	—	—	—	—	—	—	c	b	b	0.00	—	10	136.0	"
79.0	29.610	82.0	29.530	30	29.941	29.855	80.0	73.0	78.0	73.0	84.0	74.0	7.0	5.0	.690	.722	67.0	75.0	C.	61	C.	26	4	2	C.I.-C.U.	C.U.-N.	—	—	c	b c	b	0.00	—	10	137.0	"
79.0	29.610	83.0	29.556	31	29.941	29.855	80.0	73.0	78.0	73.0	86.0	74.0	7.0	5.0	.696	.722	67.0	75.0	C.	40	C.	30	4	2	C.U.	C.U.	—	—	o	b c	b	0.00	—	10	137.0	"
																									—	—	—	—		—	—	4.39	7½			
78.0	29.610	81.0	29.542		29.938	29.875	79.0	74.0	80.0	73.0	83.0	74.0	5.0	4.0	.741	.727	76.0	77.0	E.	70	E.	51	5.0	4.0	—	—	—	—		—	—	16 Days		9.0	132.0	

Summaries

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
16	0	0	0	25	6	0	

Wind— No. of Observations of

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S.	SW,	NW.
—9 a.m.	9	0	1	19	0	0	0	0	
—6 p.m.	12	0	2	18	0	0	0	0	

Total Rainfall from 1st to 31st December, 1918 ... ... inches 4 Parts 39
" for the corresponding period of last year " 7 08

Extremes.

Highest corrected Reading of Barometer—30.022 on 7th
Lowest " " " —29.781 on 26th
Greatest Daily Rainfall — 0.80 on 22nd
No. of days with Rainfall 0.04 in or more— 16
No. of Days of Temperature on Grass below °

Highest Temperature in Shade (Ab. max.)—86.0 on 31st
Lowest " — 71.0 on 3rd
Lowest Daily Maximum —125.0 on 10th
Highest Daily Minimum —137.0 on 30th
Lowest Temperature on Grass

CHARLES RIGGS, *Observer*

RAINFALL RETURNS FOR THE YEAR 1918.

Observation Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Twelve months' total.	Maximum in one day and date.		No. of days on which rain fell.	Remarks.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.	Ins.	Date.		
Richmond Hill ...	6·16	3·35	2·49	1·60	7·93	10·26	10·57	6·55	9·80	11·76	6·54	4·39	81·40	3·50	May 29th	215	
Samaritan ...	5·14	3·60	4·27	2·67	9·01	11·11	9·52	7·04	8·94	6·34	7·52	4·40	89·56	2·68	Sept. 18th	265	
Palmiste ...	6·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Returns incomplete.
Plaisance (Sauteurs) ...	4·84	5·46	5·09	4·01	13·04	13·51	...	...	...	...	...	...	...	...	...	...	Do. do.
Belmont ...	2·77	3·00	3·65	2.44	10·59	10·65	8·38	8·76	7·70	8·68	6.16	2·33	75·11	3·50	Aug. 23rd	190	
Belle Vue ...	6·24	4·57	5·04	4·84	14·10	13·88	15·21	8·86	14·10	14·88	6·55	8·97	117·24	3·62	Sept. 18th	241	
Carriere Works ...	4·06	3·06	4·16	2·45	8·91	...	...	...	...	...	...	...	...	...	...	...	Returns incomplete.
Mt. Pleasant ...	7·47	6·30	6·21	6·25	14·54	12·37	17·23	8·87	13·33	...	8·84	9·20	...	...	...	...	Do. do.
Dunfermline ...	3·51	2·97	3·35	2·29	9·30	10·80	7·92	6·78	6·22	7·31	4·72	3·22	68·39	2·53	Aug. 23rd	197	
Chantilly ...	6·79	5·80	5·56	5·64	17·13	11·73	13·60	7·89	11·63	12·82	8·44	7·61	114·67	4·47	May 30th	262	
Annandale ...	10·23	10·89	8·90	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Bacolet ...	4·79	2·44	...	...	8·81	9·50	11·86	6·75	8·68	8·99	5·27	5·80	...	...	...	...	R'ts for Mar. & Apl. defective owing to bad fun-nel
Mt. Edgecumbe ...	6·80	4·74	3·66	2·99	9·04	12·42	10·20	7·67	6·76	12·77	10·34	5·81	93·20	2·86	Sept. 18th	...	
Montreuil ...	3·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Returns incomplete.
Hope ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Do. do.
Plaisance (St. John's)	21·16	11·83	10·30	9·66	16·39	22·74	14·50	10·52	12·33	19·60	9·11	9·37	167·51	7·10	Jany. 21st	304	
Sauteurs ...	3·03	3·32	1·73	1·54	8·59	8·11	7·14	6·49	5·88	4·51	4·28	2·49	57·11	2·04	Aug. 22nd	172	
Waltham ...	...	...	3·34	2·46	...	9·89	9·02	5·94	7·26	7·05	7·08	4·17	...	...	...	...	Returns incomplete.
Balthazar ...	5·06	4·09	3·97	2·32	12·11	10·66	11·67	7·71	9·17	13·33	7·47	6·67	94·23	3·23	Sept. 19th	210	
Tuileries ...	5·87	3·04	4·19	4·83	...	9·63	...	...	...	...	...	...	...	...	...	...	Returns incomplete.
Carriacou ...	3·16	1·76	1·54	1·80	3·80	5·56	2·78	...	...	...	3·89	2·29	...	...	...	...	Do. do.
Morne Fendue ...	2·88	2·25	4·53	1·73	9·74	8·91	7·00	7·17	8·62	4·62	4·72	3·76	65·93	2·24	Aug. 22nd	161	Do. do.
Mt. Nesbit ...	8·71	6·63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Do. do.
Point Saline Lighthouse	3·37	1·16	·08	·49	3·56	3·67	7·17	2·38	4·53	7·11	3·08	1·45	38·05	1·62	Sept. 18th	88	
Woodford ...	3·65	3·00	2·36	1·29	8·13	7·31	...	6·86	9·62	7·32	...	...	...	...	...	...	Returns incomplete.
Dongaldston ...	10·19	8·00	5·30	2·93	10·32	11·72	15·64	10.53	12·28	17·92	9·12	7·65	121·60	4·02	Sept. 18th	250	
Belvidere ...	9·13	8·99	8·49	6·19	19·01	16·07	19·70	10·80	17·01	23·64	13·75	11·60	164·30	4·38	May 28th	282	
Les Avacots Wtr Works	9·66	7·87	6·01	4·47	14·77	13·83	14·90	8·87	11·95	13·49	12·19	8·27	126·28	4·62	May 30th	235	
Bon Accord Works ...	6·21	4·04	3·98	3·86	11·10	12·86	18·21	9·67	9·74	14·05	12·41	9·72	115·58	4·50	May 29th	227	
Grand Etang ...	9·31	10·56	7·84	6·65	14·11	12·64	17·60	12·59	13·49	...	13·44	12·38	...	...	...	...	Returns incomplete.
Niangaufoix ...	7·34	6·25	6·78	5·26	13·94	13·85	14·55	8·26	13·60	14·53	9·08	8·71	122·18	4·38	Sept. 18th	251	
Marau ...	8·55	7·53	4·81	3·46	8·67	12·37	12·01	9·82	10·79	14·68	11·17	7·15	111·01	3·40	,, ,,	195	
Mt. Horne ...	4·32	4·98	3·80	4·64	13·12	11·27	11·05	6·64	9·12	8·89	5·77	5·25	88·85	3·28	May 28th	180	
Marli (Lower Sauteurs)	3·87	2·87	3·62	1·41	8·31	7·82	8·04	6·23	7·20	5·05	3·82	3·12	61·36	3·01	Sept. 19th	205	
Nonpariel ...	5·19	4·41	3·51	2·43	7·96	11·63	9·49	6·51	9·18	6·82	7·76	5·60	80·49	3·09	,, ,,	234	
Lower Market (G/ville)	3·40	...	1·88	3·60	8·32	6·99	7·79	4·98	6·52	7·24	4·20	2·13	...	...	...	...	Returns incomplete.
Mt. Cassel ...	5·48	2·76	3·47	3·04	9.99	10·15	12·07	6·56	9.81	10·82	7·57	6·26	87·98	4·16	May 30th	178	