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GRENADA.

METEOROLOGICAL REPORT FOR 1919.

RICHMOND HILL,
GRENADA,
2nd January, 1920.

Sir,—I have the honour to forward herewith the Annual Meteorological Return for the Richmond Hill Station for the year 1919.

The rainfall was 73.09 inches 8.31 less than 1918, and 4.54 less than the average for the past 3 years.

The maximum temperature in the sun was 141.0 on the 2nd October, and in the shade 90 on the 2nd October.

The minimum in the shade was 69 on the 23rd August.

I have also attached the monthly rainfall for the past 28 years which may be of interest.

I have, etc.,

CHARLES RIGGS,
Met. Observer.

His Honour
The ADMINISTRATOR,
&c., &c., &c.

FEB 27 1921

MONTHLY Rainfall of this Station for 28 years—1892 1919.

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	7.89	6.09	11.83	5.94	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	2.17	0.71	4.87	8.28	12.58	9.90	8.29	9.66	10.26	18.17	92.15
2	4 22	1.58	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	3.26	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	5.64	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	5.56	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	10.23	7.60	11.32	4.57	15 10	6.04	76.96
7	3.73	2.89	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	9.80	11.76	6.54	4 39	81.40
9	2.81	1 90	0.64	0 85	5.92	4.39	8.09	15 10	11.05	9 10	7.96	5.28	73.09
Average	4.49	2.88	2.82	2.33	4.75	8.46	9.84	9.76	8.22	7.43	8.44	7.46	76.88

National Oceanic and Atmospheric Administration

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

1919

[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. Min.	Date.	Absolute Max. Max.	Date.	Tension of Vapour. 9 a.m.	6 p.m.	Mean.	Relative Humidity. 9 a.m.	6 p.m.	Mean.
January ...	29.949	77.0	78.0	74.0	4.0	72.0	83.0	70.0	12th	85.0	1st	.695	.673	22.0	73.0	73.0	—
February	29.981	77.0	82.0	72.0	10.0	73.0	83.0	70.0	21st	88.0	13th	.703	.705	2.0	73.0	71.0	2.0
March ...	29.966	78.0	79.0	72.0	7.0	73.0	85.0	70.0	20th	88.0	17th	.680	.675	5.0	68.0	67.0	1.0
April ...	29.929	81.0	81.0	76.0	5.0	75.0	86.0	73.0	20th	89.0	8th	.761	.759	2.0	71.0	73.0	2.0
May ...	29.927	80.0	81.0	76.0	5.0	75.0	85.0	74.0	3rd	88.0	1st	.784	.782	2.0	78.0	77.0	1.0
June ...	29.963	80.0	81.0	75.0	6.0	75.0	84.0	72.0	8th	87.0	4th	.783	.785	2.0	76.0	77.0	1.0
July ...	29.966	80.0	80.0	76.0	4.0	75.0	85.0	72.0	4th	87.0	17th	.812	.788	24.0	78.0	77.0	1.0
August ...	29.963	80.0	80.0	76.0	4.0	74.0	85.0	69.0	23rd	89.0	2nd	.813	.794	19.0	80.0	73.0	7.0
September	29.908	80.0	80.0	77.0	3.0	76.0	85.0	72.0	16th	88.0	2nd	.840	.810	30.0	78.0	78.0	—
October ...	29.913	80.0	82.0	76.0	6.0	75.0	86.0	72.0	10th	90.0	2nd	.814	.794	20.0	76.0	77.0	1.0
November	29.887	79.0	80.0	76.0	4.0	75.0	85.0	72.0	2nd	89.0	5th	.811	.798	13.0	79.0	80.0	1.0
December	29.948	78.0	79.0	74.0	5.0	72.0	84.0	70.0	25th	86.0	5th	.747	.709	38.0	77.0	75.0	2.0
Means	29.942	79.2	80.2	75.0	5.25	74.0	84.7	71.3		87.8		.770	.756	14.9	75.5	75.0	1.5

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

Months.	Amount of Cloud. 9 a.m.	6 p.m.	Mean.	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 ...	3.0	2.0	1.0	2.81	0.56	4th	17		...	30	1	...	...	2	24	...	...	...	...	...	5
February ...	2½.0	2½.0	—	1.90	0.54	14th	9		...	23	5	...	...	...	17	4	...	...	...	...	7
March ...	3.0	2.0	1.0	0.64	0.22	19th	6		...	25	6	...	...	2	21	1	...	..	...	3	4
April ...	4½.0	4.0	0.½	0.85	0.26	12th	10		1	21	9	...	...	1	24	3	...	...	...	...	2
May ...	5.0	5.0	—	5.92	1.60	31st	21		...	14	17	...	...	...	27	...	...	...	...	...	3
June ...	5.0	5.0	—	4.39	0.78	7th	18		...	15	15	...	...	1	23	2	...	...	...	...	4
July ...	4.0	3.0	1.0	8.09	1.52	3rd	24		...	20	11	...	...	...	22	3	...	...	...	...	6
August ...	5.0	4.0	1.0	15.10	3.20	22nd	28		10	17	14	...	...	...	22	...	...	...	...	...	9
September ...	5.0	4.0	1.0	11.05	2.40	15th	22		4	17	13	...	...	...	14	7	...	...	...	...	9
October ...	4.0	3.0	1.0	9.01	1.30	18th	19		3	23	8	...	...	...	15	4	...	...	...	...	12
November ...	6.0	6.0	—	7.96	1.10	25th	24		2	15	15	...	...	...	15	3	...	...	...	...	12
December ...	4.0	3.0	1.0	5.28	0.69	1st	19		...	24	7	...	...	1	15	2	...	...	...	...	13
Means ..	3.5	3.6	0.6	6.08	1.18		18		1.6	203	10	...	...	0.53	20	2.5	...	...	...	0.25	7.2

=The longitude of the station. =The latitude of the station. 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, 1919.

Latitude 12° 5′ 2″ N. Longitude 61° 25′ 45″ 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 read 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.		
78.0	29.576	78.0	29.494	1	29.910	29.835	80.0	73.0	74.0	72.0	85.0	72.0	5.0	2.0	.690	.748	67.0	89.0	C. 12	C. 16	—	8	—	N.	—	—	b	c	b	0.30	½	6	137.0	Delightful weather.
76.0	29.520	83.0	29.464	2	29.863	29.788	77.0	72.0	78.0	73.0	85.0	71.0	5.0	5.0	.697	.722	75.0	75.0	C. 7	C. 32	—	—	—	—	—	—	b	b	b	0.00	—	10	137.0	„
78.0	29.590	82.0	29.510	3	29.926	29.835	78.0	73.0	78.0	73.0	83.0	72.0	5.0	5.0	.722	.722	75.0	75.0	E. 28	E. 17	2	—	C.U.	—	E	—	b c	b	b	0.25	¼	10	131.0	„
78.0	29.630	82.0	29.576	4	29.966	29.894	78.0	76.0	79.0	76.0	83.0	72.0	2.0	3.0	.857	.839	89.0	85.0	E. 109	E. 77	8	6	N.	C.I.-C.U.	E	—	c	c	b	0.56	1	10	132.0	„ Fresh breeze.
78.0	29.648	82.0	29.596	5	29.986	29.921	79.0	74.0	78.0	73.0	83.0	72.0	4.0	5.0	.765	.722	79.0	75.0	E. 83	E. 66	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	131.0	„
77.0	29.670	81.0	29.555	6	30.010	29.873	77.0	73.0	78.0	72.0	83.0	73.0	4.0	6.0	.739	.681	79.0	71.0	E. 46	C. 52	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	131.0	„
77.0	29.670	81.0	29.590	7	30.009	29.919	78.0	73.0	77.0	71.0	83.0	73.0	5.0	6.0	.722	.658	75.0	71.0	E. 64	E. 54	4	—	C.U.	—	E	—	b c	b	b	0.33	¾	10	134.0	„
76.0	29.640	80.0	29.560	8	29.984	29.892	76.0	72.0	77.0	71.0	82.0	71.0	4.0	6.0	.713	.658	79.0	71.0	C. 91	E. 74	8	2	N.	C.U.	—	E	c	b c	b	0.12	¼	10	132.0	„
77.0	29.640	79.0	29.560	9	29.979	29.895	78.0	72.0	76.0	72.0	81.0	73.0	6.0	4.0	.681	.713	71.0	79.0	E. 110	E. 60	2	2	C.U.	N.	E	E	b c	b c	b	0.11	¼	10	131.0	„ „
78.0	29.654	80.0	29.594	10	29.989	29.926	79.0	73.0	77.0	74.0	85.0	74.0	6.0	3.0	.707	.783	71.0	84.0	E. 65	E. 51	2	6	C.U.	N.	E	E	b c	c	b	0.07	¼	10	132.0	„
79.0	29.640	80.0	29.586	11	29.972	29.919	79.0	74.0	76.0	73.0	83.0	74.0	5.0	3.0	.749	.756	75.0	84.0	E. 102	E. 81	6	6	C.U.	N.	E	E	c	c	b	0.04	¼	10	132.0	„
76.0	29.670	83.0	29.550	12	30.012	29.873	77.0	72.0	78.0	72.0	82.0	70.0	5.0	6.0	.697	.681	75.0	71.0	E. 94	E. 60	6	2	C.I.S.	C.U.	E	E	c	b c	b	0.25	¼	10	131.0	„
75.0	29.630	82.0	29.548	13	29.978	29.874	74.0	70.0	77.0	69.0	81.0	70.0	4.0	8.0	.664	.584	79.0	63.0	C. 74	C. 72	—	—	—	—	—	—	b	b	b	0.09	¼	10	129.0	„
76.0	29.608	81.0	29.540	14	29.951	29.860	77.0	73.0	77.0	71.0	81.0	71.0	4.0	6.0	.739	.658	79.0	71.0	C. 72	E. 62	2	2	C.U.	C.I.	E	—	b c	b c	b	0.08	½	10	130.0	„
77.0	29.640	81.0	29.560	15	29.979	29.889	78.0	71.0	77.0	72.0	82.0	72.0	7.0	5.0	.642	.697	67.0	75.0	E. 85	E. 70	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	„
78.0	29.636	81.0	29.570	16	29.972	29.899	78.0	72.0	77.0	72.0	82.0	72.0	6.0	5.0	.68[illegible]	.697	71.0	75.0	E. 57	E. 60	6	4	N.	C.U.	E	E	c	b c	b	0.10	¼	10	131.0	„
77.0	29.650	81.0	29.560	17	29.989	29.889	78.0	70.0	77.0	70.0	82.0	73.0	8.0	7.0	.605	.620	63.0	67.0	E. 90	C. 97	—	—	—	—	—	—	b	b	b	0.00	—	10	131.0	„
77.0	29.610	81.0	29.526	18	29.949	29.854	78.0	70.0	78.0	71.0	83.0	71.0	8.0	7.0	.605	.642	63.0	67.0	E. 112	E. 57	—	2	—	N.	—	E	b	b c	b	0.10	¼	10	131.0	„ „
77.0	29.604	80.0	29.550	19	29.943	29.883	78.0	72.0	76.0	70.0	84.0	72.0	6.0	6.0	.681	.633	71.0	71.0	E. 81	C. 57	6	2	C.I.S.	C.I.	E	—	c	b c	b	0.07	¼	10	132.0	„
76.0	29.580	80.0	29.530	20	29.922	29.863	78.0	72.0	76.0	70.0	83.0	70.0	6.0	6.0	.681	.633	71.0	71.0	E. 64	C. 59	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	„
77.0	29.608	80.0	29.540	21	29.945	29.872	78.0	72.0	77.0	71.0	83.0	71.0	6.0	6.0	.681	.658	71.0	71.0	E. 63	E. 53	2	—	C.U.	—	E	—	b c	b	b	0.16	¼	10	133.0	„
75.0	29.584	81.0	29.550	22	29.933	29.879	73.0	73.0	77.0	71.0	82.0	70.0	1.0	6.0	.766	.658	94.0	71.0	E. 42	E. 42	10	—	N.	—	E	—	o	b	b	0.09	¼	10	133.0	„
76.0	29.560	81.0	29.520	23	29.902	29.849	78.0	71.0	77.0	71.0	84.0	71.0	7.0	6.0	.642	.668	67.0	71.0	E. 55	C. 35	2	8	C.U.	C.I.S.	E	—	b c	c	b	0.00	—	10	136.0	„
76.0	29.540	83.0	29.494	24	29.882	29.818	77.0	70.0	78.0	70.0	84.0	71.0	7.0	8.0	.620	.605	67.0	63.0	N.E. 46	C. 40	—	—	—	—	—	—	b	b	b	0.00	—	10	136.0	„
76.0	29.560	83.0	29.520	25	29.902	29.841	78.0	72.0	80.0	73.0	85.0	71.0	6.0	7.0	.681	.690	71.0	67.0	E. 31	C. 21	2	2	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	137.0	„
77.0	29.580	81.0	29.594	26	29.919	29.863	78.0	72.0	77.0	72.0	82.0	71.0	6.0	5.0	.681	.697	71.0	75.0	E. 86	C. 56	2	—	C.U.	—	E	—	b c	b	b	0.09	¼	10	132.0	„
77.0	29.600	81.0	29.550	27	29.939	29.878	78.0	73.0	78.0	73.0	84.0	73.0	5.0	5.0	.722	.722	75.0	75.0	E. 95	E. 60	—	—	—	—	—	—	b	b	b	0.00	—	10	134.0	„
78.0	29.614	82.0	29.540	28	29.948	29.867	80.0	73.0	79.0	72.0	85.0	74.0	7.0	6.0	.690	.681	67.0	71.0	N.E. 62	E. 73	2	—	C.I.	—	N E	—	b c	b	b	0.00	—	10	135.0	„
78.0	29.560	81.0	29.504	29	29.891	29.832	80.0	72.0	78.0	73.0	84.0	74.0	8.0	5.0	.650	.722	63.0	75.0	C. 68	E. 72	[illegible]	—	C.U.	—	—	—	b c	b	b	0.00	—	10	132.0	„
78.0	29.590	81.0	29.540	30	29.925	29.868	79.0	73.0	78.0	72.0	85.0	73.0	6.0	6.0	.707	.681	71.0	71.0	E. 55	C. 57	4	2	—	C.I.	—	—	b	b c	b	0.00	—	10	133.0	„
78.0	29.600	80.0	29.500	31	29.936	29.862	78.0	72.0	77.0	71.0	83.0	74.0	6.0	6.0	.681	.650	71.0	71.0	E. 56	E. 69	2	—	C.U.	—	—	—	b c	b	b	0.00	—	10	130.0	„
																							—	—	—	—		—	—	2.81	6			
77.0	29.584	81.0	29.543		29.949	29.872	78.0	73.0	77.0	73.0	83.0	72.0	5.4	5.4	.695	.673	73.0	73.0	E. 66	E. 57	5.0	2.0	—	—	—	—		—	—	17 Days	10.0	133.0	

Summaries

Weather — No. of days of:

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
17	0	0	0	30	1	0	

Wind — No. of Observations of:

Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.	
5	0	2	24	0	0	0	0		—9 a.m.
12	0	0	19	0	0	0	0		—6 p.m.

Highest corrected Reading of Barometer—30.012 on 12th
Lowest „ „ „ —29.818 on 24th
Greatest Daily Rainfall — „ — 0.56 on 4th
No. of days with Rainfall 0.04 in or more— 17
No. of Days of Temperature on Grass below °

Extremes.
Highest Temperature in Shade (Ab. max.)—85.0 on 1st
Lowest „ — 70·0 on 13th
Lowest Daily Maximum —129.0 on 13th
Highest Daily Minimum —137.0 on 1st
Lowest Temperature on Grass

Total Rainfall from 1st to 31st January, 1919. ... ... Inches 2 Parts 81
„ for the corresponding period of last year 6 16

CHARLES RIGGS, Observer

KK—2.

Month of February, 1919.

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.	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 M. in Sun. Black bulb in vacuo.	REMARKS.
	in	°	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.																	ins	hrs.	hrs.		
77.0	29.636	79.0	29.530	1	29.953	29.864	79.0	72.0	77.0	73.0	83.0	72.0	7.0	4.0	.666	.739	67.0	79.0	C.	73	E.	64	—	8	—	N.	—	E	l	c	b	0.00	—	10	132.0	Delightful weather.
78.0	29.604	83.0	29.574	2	29.940	29.896	78.0	72.0	79.0	74.0	83.0	74.0	6.0	5.0	.681	.749	71.0	75.0	E.	70	E.	81	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	„
77.0	29.590	82.0	29.550	3	29.930	29.875	77.0	73.0	78.0	73.0	83.0	74.0	4.0	5.0	.739	.722	79.0	75.0	SE.	65	E.	101	2	2	C.U.	C.U.	SE	E	b c	b c	b	0.00	—	10	132.0	„ Fresh breeze.
78.0	29.610	83.0	29.576	4	29.944	29.893	80.0	72.0	78.0	73.0	84.0	73.0	6.0	5.0	.650	.722	63.0	75.0	C.	56	C.	66	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	„
78.0	29.590	83.0	29.540	5	29.924	29.863	80.0	73.0	78.0	73.0	84.0	73.0	7.0	5.0	.600	.722	67.0	75.0	E.	36	SE.	45	2	6	C.U.	C.I.-C.U.	E	—	c c	c	b	0.00	—	10	135.0	„
78.0	29.590	81.0	29.560	6	29.926	29.889	78.0	73.0	79.0	73.0	84.0	73.0	5.0	6.0	.722	.707	75.0	71.0	SE.	46	E.	58	2	6	C.U.	C.I.S.	E	—	c c	c	b	0.00	—	10	132.0	„ [the night
78.0	29.620	83.0	29.586	7	29.956	29.908	78.0	73.0	79.0	73.0	82.0	73.0	5.0	5.0	.722	.707	75.0	71.0	E.	62	E.	58	8	2	N.	C.U.	E	E	c	b c	b c	0.28	½	10	129.0	O/cast at intervals, showery during
77.0	29.646	80.0	29.580	8	29.988	29.912	75.0	73.0	77.0	72.0	83.0	73.0	2.0	5.0	.774	.697	89.0	75.0	C.	58	E.	69	8	6	N.	N.	E	E	c	c	b c	0.40	½	6	129.0	„ „
78.0	29.640	82.0	29.570	9	29.975	29.893	79.0	73.0	80.0	72.0	82.0	72.0	6.0	6.0	.707	.650	71.0	63.0	E.	88	E.	56	4	4	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	132.0	Delightful Weather.
77.0	29.630	84.0	29.480	10	29.969	29.899	78.0	72.0	79.0	72.0	84.0	73.0	6.0	7.0	.681	.666	71.0	67.0	E.	52	E.	60	2	6	C.U.	C.I.	E	—	b c	c	b	0.00	—	10	132.0	„
77.0	29.640	84.0	29.590	11	29.978	29.909	79.0	73.0	79.0	73.0	84.0	73.0	6.0	6.0	.707	.707	71.0	71.0	E.	64	C.	83	—	—	—	—	—	—	b	b	b	0.00	—	10	132.0	„
78.0	29.640	84.0	29.580	12	29.974	29.890	80.0	74.0	79.0	74.0	81.0	73.0	6.0	5.0	.732	.749	71.0	75.0	E.	128	C.	123	—	—	—	—	—	—	b	b	b	0.00	—	10	128.0	„ Fresh breeze.
78.0	29.664	83.0	29.620	13	29.993	29.940	80.0	75.0	81.0	75.0	88.0	74.0	5.0	6.0	.775	.757	75.0	72.0	C.	45	C.	30	2	2	C.U	C.I.-C.U.	E	E	b c	b c	b	0.00	—	10	137.0	Very warm day.
77.0	29.670	79.0	29.630	14	30.003	29.965	79.0	73.0	76.0	72.0	84.0	74.0	6.0	4.0	.707	.713	71.0	79.0	E.	9	E.	55	—	8	—	C.I.-C.U.	—	E	b	c	b c	0.54	1	10	132.0	„ Rain during night.
78.0	29.690	81.0	29.652	15	30.039	29.980	79.0	73.0	78.0	75.0	80.0	72.0	—	3.0	.812	.810	100	84.0	C.	50	E.	45	10	6	N.	N.	E	E	c	c	b c	0.00	—	8	130.0	O/cast at intervals.
77.0	29.670	84.0	29.640	16	30.003	29.960	79.0	72.0	78.0	72.0	82.0	73.0	7.0	6.0	.666	.681	67.0	71.0	E.	58	C.	83	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	132.0	Bright day.
78.0	29.670	83.0	29.654	17	30.012	29.976	78.0	72.0	79.0	73.0	83.0	72.0	6.0	6.0	.681	.707	71.0	71.0	C.	31	C.	65	—	2	—	C.U.	—	E	b	b c	b	0.00	—	10	133.0	„
78.0	29.660	83.0	29.630	18	30.002	29.952	78.0	72.0	79.0	72.0	84.0	73.0	6.0	7.0	.681	.666	71.0	67.0	E.	52	C.	72	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	136.0	„
77.0	29.680	84.0	29.614	19	29.999	29.928	78.0	72.0	79.0	72.0	84.0	73.0	6.0	7.0	.681	.666	71.0	67.0	E.	72	E.	74	—	—	—	—	—	—	b	b	b	0.07	½	10	135.0	„
77.0	29.670	83.0	29.598	20	30.003	29.871	78.0	72.0	78.0	72.0	85.0	71.0	6.0	6.0	.681	.681	71.0	71.0	E.	58	C.	58	2	—	C.U.	—	E	—	b c	b	b	0.13	½	10	135.0	„
77.0	29.608	77.0	29.590	21	29.948	29.932	77.0	71.0	75.0	72.0	84.0	70.0	6.0	5.0	.658	.731	71.0	84.0	E.	72	C.	41	2	2	C.U.	N.	E	—	b c	b c	b c	0.13	½	10	137.0	„
78.0	29.650	81.0	29.680	22	30.016	29.953	78.0	74.0	78.0	73.0	81.0	71.0	4.0	5.0	.765	.722	79.0	75.0	C.	41	C.	57	8	6	N.	N.	E	E	c	c	b	0.17	½	10	135.0	„
78.0	29.646	83.0	29.620	23	30.023	29.978	77.0	71.0	78.0	70.0	83.0	74.0	6.0	8.0	.658	.805	71.0	63.0	SE.	98	E.	90	4	—	C.U.	—	SE	—	b c	b	b	0.00	—	10	133.0	„ Fresh breeze.
78.0	29.633	82.0	29.380	24	30.023	29.905	79.0	72.0	78.0	72.0	84.0	73.0	7.0	6.0	.666	.681	67.0	71.0	E.	21	C.	80	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	„
78.0	29.630	82.0	29.545	25	29.945	29.873	79.0	73.0	78.0	73.0	85.0	74.0	6.0	5.0	.707	.722	71.0	75.0	E.	67	SE.	69	—	4	—	C.U.	—	SE	b	b c	b	0.00	—	10	129.0	„
78.0	29.630	83.0	29.570	26	29.965	29.893	79.0	72.0	79.0	72.0	84.0	74.0	7.0	6.0	.666	.681	67.0	71.0	E.	89	SE.	79	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	136.0	„
78.0	29.643	84.0	29.590	27	29.994	29.909	78.0	72.0	79.0	73.0	84.0	74.0	6.0	6.0	.681	.707	71.0	71.0	SE.	64	SE.	80	2	—	C.U.	—	SE	—	b c	b	b	0.08	½	10	135.0	„
77.0	29.678	82.0	29.610	28	30.018	29.935	77.0	73.0	78.0	72.0	85.0	71.0	4.0	6.0	.739	.681	79.0	71.0	E.	72	C.	67	4		N.	—	SE	—	b c	b	b	0.10	½	10	134.0	„
																									—	—	—	—		—	—	1.90				
77.0	29.646	86.0	29.588		29.991	29.915	82.0	72.0	78.0	73.0	83.0	73.0	5½	5½	.703	.705	73.0	71.0	E.	61	E.	68	2½	2½	—	—	—	—		—	—	9 Days	3¾	10.0	133.0	

Summaries

Weather — No. of days of:

Rain, Snow, Hail, Thunderstorm, Clear Sky, Overcast, Fog, Gales.
9 0 0 0 23 5 0

Wind — No. of Observation:

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

Highest corrected Reading of Barometer — 30.039 on 15th
Lowest " " " — 29.864 on 1st
Greatest Daily Rainfall — — 0.54 on 14th
No. of days with Rainfall 0.04 in or more — 9
No. of Days of Temperature on Grass below •

Extremes.

Highest Temperature in Shade (Ab. max.) — 88.0 on 13th
Lowest " — 70.0 on 21st
Lowest Daily Maximum — 128.0 on 12th
Highest Daily Minimum — 137.0 on 13th
Lowest Temperature on Grass

Total Rainfall from 1st to 31st February, 1919. ... in. ... ...
" for the corresponding period of last year ... ...

CHARLES RIGGS, *Observer*

KK-3-1

Month of March, 1919.

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.	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 end'g at 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.														ins	hrs	hrs.		
78.0	29.670	83.0	29.616	1	30.004	29.939	80.0	72.0	78.0	73.0	85.0	74.0	8.0	5.0	.650	.722	63.0	75.0	E.	74 C.	71	—	—	—	—	—	—	b	b	b	0.00	—	10	134.0	Fine weather, Droughts.
75.0	29.670	83.0	29.610	2	30.015	29.932	77.0	69.0	79.0	72.0	84.0	72.0	8.0	7.0	.584	.666	63.0	67.0	E.	99 C.	60	8	—	C.I.-C.U.	—	E	—	c	b	b	0.00	—	10	135.0	"
77.0	29.700	83.0	29.604	3	30.037	29.923	79.0	70.0	77.0	70.0	85.0	72.0	9.0	7.0	.592	.620	59.0	67.0	E.	41 SE.	81	—	—	—	—	—	—	b	b	b	0.00	—	10	135.0	"
77.0	29.640	84.0	29.576	4	29.979	29.892	78.0	71.0	80.0	73.0	85.0	72.0	7.0	7.0	.642	.690	67.0	67.0	E.	51 C.	64	2	2	C.U.	C.U.	E	E	b c	b c	b	0.05	—	10	135.0	"
76.0	29.636	84.0	29.606	5	29.978	29.926	73.0	72.0	78.0	71.0	84.0	72.0	6.0	7.0	.681	.642	71.0	67.0	E.	52 E.	69	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	136.0	"
77.0	29.680	84.0	29.630	6	30.028	29.948	79.0	72.0	80.0	73.0	85.0	71.0	7.0	7.0	.666	.690	67.0	67.0	E.	55 E.	74	2	2	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	137.0	"
79.0	29.684	83.0	29.624	7	30.014	29.947	81.0	72.0	78.0	72.0	87.0	71.0	9.0	6.0	.687	.681	60.0	71.0	E.	78 E.	77	2	—	C.U.	—	E	—	c	b	b	0.00	—	10	137.0	"
77.0	29.660	80.0	29.584	8	29.998	29.916	79.0	72.0	77.0	70.0	83.0	73.0	7.0	7.0	.666	.620	67.0	67.0	E.	112 E.	68	4	8	N.	N.	E	E	b c	c	b	0.00	—	10	135.0	"
78.0	29.650	83.0	29.570	9	29.986	29.893	78.0	72.0	78.0	71.0	85.0	73.0	6.0	7.0	.681	.642	71.0	67.0	E.	109 NE.	65	2	2	C.U.	C.I.-C.U.	E	—	b c	b c	b	0.08	¼	10	137.0	"
78.0	29.610	86.0	29.552	10	29.946	29.866	78.0	71.0	79.0	71.0	86.0	73.0	7.0	8.0	.642	.628	67.0	63.0	E.	112 E.	59	—	—	—	—	—	—	b	b	b	0.00	—	10	135.0	"
77.0	29.600	84.0	29.540	11	29.938	29.858	79.0	72.0	80.0	69.0	85.0	73.0	7.0	8.0	.666	.545	67.0	53.0	C	53 C.	68	—	—	—	—	—	—	b	b	b	0.00	—	10	137.0	"
77.0	29.604	84.0	29.554	12	29.942	29.876	79.0	71.0	79.0	71.0	86.0	72.0	8.0	8.0	.628	.628	63.0	63.0	E.	51 E.	66	—	—	—	—	—	—	b	—	b	0.00	—	10	137.0	"
78.0	29.610	85.0	29.580	13	29.945	29.895	79.0	71.0	80.0	72.0	86.0	72.0	8.0	6.0	.628	.650	63.0	63.0	E.	46 C.	69	2	—	C.U.	—	E	—	b c	—	b	0.00	—	10	135.0	"
78.0	29.636	85.0	29.570	14	29.971	29.885	79.0	73.0	78.0	70.0	84.0	73.0	6.0	8.0	.707	.605	71.0	63.0	E.	54 E.	89	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	134.0	"
78.0	29.654	87.0	29.582	15	29.990	29.888	80.0	72.0	84.0	73.0	87.0	73.0	8.0	6.0	.650	.634	63.0	54.0	NE.	63 E.	53	—	—	—	—	—	—	b	b	b	0.00	—	10	138.0	"
79.0	29.660	85.0	29.600	16	30.000	29.915	81.0	72.0	80.0	71.0	87.0	73.0	9.0	9.0	.637	.613	60.0	59.0	C.	40 C.	40	4	—	A.C.U.	—	—	—	b c	b	b	0.00	—	10	138.0	"
76.0	29.680	81.0	29.580	17	29.973	29.906	77.0	69.0	80.0	71.0	88.0	71.0	8.0	9.0	.584	.613	63.0	59.0	NW.	40 NW.	84	—	2	—	C.U.	—	—	b	b c	b	0.00	—	10	138.0	"
76.0	29.600	77.0	29.530	18	29.943	29.872	77.0	70.0	75.0	71.0	84.0	71.0	7.0	4.0	.620	.696	67.0	79.0	NW.	31 NW.	44	6	8	N.	N.	—	—	c	c	b c	0.08	¼	6	137.0	O/cast at intervals, and mist.
76.0	29.600	81.0	29.560	19	29.942	29.888	78.0	69.0	78.0	71.0	86.0	71.0	9.0	7.0	.571	.642	59.0	67.0	NW.	52 C.	46	—	8	—	C.U.	—	—	b	c	b c	0.22	¾	8	137.0	" "
76.0	29.658	84.0	29.552	20	30.003	29.872	75.0	71.0	78.0	72.0	83.0	70.0	4.0	6.0	.690	.681	79.0	71.0	C.	40 C.	46	10	—	N.	—	—	—	o	b	b c	0.06	¼	8	134.0	"
77.0	29.640	79.0	29.600	21	29.979	29.933	78.0	74.0	78.0	72.0	82.0	73.0	4.0	6.0	.765	.681	79.0	71.0	NE.	59 NE.	75	—	8	—	C.I.-C.U.	—	—	b	n c	c	0.00	—	10	131.0	Bright day, fresh breeze.
79.0	29.610	86.0	29.570	22	29.940	29.882	81.0	75.0	81.0	74.0	85.0	74.0	6.0	7.0	.757	.715	72.0	68.0	E.	164 E.	112	4	2	C.I.	A.C.U.	—	—	b c	b c	b	0.00	—	10	132.0	" "
81.0	29.610	84.0	29.530	23	29.934	29.847	82.0	76.0	81.0	76.0	86.0	76.0	6.0	5.0	.785	.802	72.0	76.0	E.	78 E.	175	—	4	—	C.I.-C.U.	—	—	b	b c	b	0.00	—	10	133.0	" "
80.0	29.610	83.0	29.540	24	29.938	29.862	81.0	76.0	79.0	75.0	84.0	76.0	5.0	4.0	.802	.783	76.0	80.0	E.	139 SE.	115	2	2	C.U.	C.I.	E	—	b c	b c	b	0.00	—	10	131.0	"
80.0	29.610	84.0	29.560	25	29.938	29.878	81.0	76.0	80.0	75.0	85.0	76.0	5.0	5.0	.802	.775	76.0	75.0	SE.	89 E.	89	4	8	C.U.	C.I.S.	S E	—	b c	c	b	0.00	—	10	131.0	"
80.0	29.650	84.0	29.550	26	29.979	29.869	80.0	74.0	79.0	73.0	86.0	75.0	6.0	6.0	.732	.707	71.0	71.0	E.	67 E.	63	6	8	C.I.S.	C.I.S.	—	—	c	c	b c	0.00	—	10	132.0	"
79.0	29.640	85.0	29.560	27	29.973	29.874	78.0	73.0	81.0	71.0	86.0	75.0	5.0	10.0	.722	.601	75.0	56.0	C.	40 W.	64	10	—	A.S.	—	—	—	o	b	b c	0.00	—	10	135.0	"
79.0	29.630	85.0	29.54	28	29.959	29.856	82.0	74.0	79.0	73.0	87.0	74.0	8.0	6.0	.701	.707	64.0	71.0	E.	62 E.	66	—	—	—	—	—	—	b	b	b	0.00	—	10	135.0	"
79.0	28.610	84.0	29.550	29	29.941	29.868	80.0	74.0	80.0	75.0	85.0	75.0	9.0	5.0	.732	.775	71.0	75.0	E.	115 E.	64	2	2	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	131.0	"
81.0	29.660	85.0	29.580	30	29.983	29.894	83.0	74.0	81.0	74.0	86.0	75.0	5.0	7.0	.684	.715	69.0	68.0	E.	77 E.	62	2	4	C.U.	C.I.	E	—	b c	b c	b	0.00	—	10	136.0	"
08.0	29.630	84.0	92.554	31	29.959	29.872	80.0	75.0	80.0	75.0	84.0	76.0	6.0	5.0	.775	.775	75.0	75.0	E.	93 E.	58	8	4	C.I.S.	C.I.-C.U.	—	E	c	b c	b	0.15	¼	10	129.0	"
																								—	—	—	—		—	—	0.64	1¾			
78.0	29.644	83.0	29.573		29.966	29.861	79.0	72.0	79.0	72.0	85.0	73.0	7.0	7.0	.680	.675	68.0	67.0	E.	72½ E.	72	3.0	2.0	—	—	—	—		—	—	6 Days		10.0	135.0	

Summaries.

Weather— No. of days of

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

Wind— No. of Observations of

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	W,	NW.	
	4	0	2	21	1	0	0	0	3		—9 a.m.
	8	0	2	16	2	0	0	1	2		—6 p.m.

Highest corrected Reading of Barometer—30.037 on 3rd
Lowest " " " —29.847 on 23rd
Greatest Daily Rainfall — — 0.22 on 19th
No. of days with Rainfall 0.04 in or more— 6
No. of Days of Temperature on Grass below 0

Extremes.

Highest Temperature in Shade (Ab. max.)—88.0 on 17th
Lowest " —70.0 on 26th
Lowest Daily Maximum —129.0 on 31st
Highest Daily Minimum —138.0 on 15th
Lowest Temperature on Grass

Total Rainfall from 1st to 31st March, 1919. ... ... Inches 9 Parts 64
" for the corresponding period of last year 2 49

CHARLES RIGGS, *Observer*

Month of April, 1919.

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 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.) 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.	6 p.m.	Weather at time of observation 9 a.m.	6 p.m.	during interval 9 a.m. end at	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	29.630	82.0	29.570	1	29.961	29.894	80.0	75.0	79.0	74.0	85.0	75.0	5.0	5.0	.775	.749	75.0	75.0	E.	73	E.	55	2	4	C.U.	N.	E	E	b c	b c	b	0.03	¼	10	135.0	Bright warm day Droughts.
79.0	29.640	84.0	29.580	2	29.970	29.898	81.0	78.0	80.0	73.0	85.0	74.0	8.0	7.0	.675	.690	64.0	67.0	E.	78	C.	75	2	—	C.U.	—	E	—	b c	b	b	0.03	¼	10	134.0	" "
79.0	29.640	82.0	29.560	3	29.971	29.885	80.0	73.0	78.0	73.0	85.0	74.0	7.0	5.0	.690	.722	67.0	75.0	E.	59	C.	75	4	4	C.U.	C.I.	E	—	b c	b c	b	0.02	¼	10	134.0	" "
81.0	29.610	83.0	29.560	4	29.934	29.881	82.0	75.0	80.0	75.0	87.0	75.0	7.0	5.0	.742	.775	68.0	75.0	SE.	70	SE.	97	6	9	C.U.	C.I.S.	SE	SE	c	c	b	0.00	—	10	134.0	" Fresh breeze.
80.0	29.610	85.0	29.520	5	29.937	29.835	82.0	75.5	80.0	74.0	85.0	74.0	7.0	6.0	.742	.732	68.0	71.0	E.	149	E.	97	—	—	—	—	—	—	b	b	b	0.00	—	10	132.0	
80.0	29.680	85.0	29.510	6	30.008	29.825	81.0	75.0	80.0	74.0	84.0	75.0	6.0	6.0	.757	.732	72.0	72.0	E.	85	SE.	92	2	2	C.U.	N.	E	SE	b c	b c	b	0.00	—	10	132.0	" "
80.0	29.570	87.0	29.510	7	29.898	29.818	81.0	75.0	82.0	75.0	86.0	75.0	6.0	7.0	.757	.742	72.0	68.0	E.	70	E.	88	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	132.0	" Droughts.
80.0	29.610	87.0	29.540	8	29.936	29.848	83.0	74.0	82.0	75.0	89.0	75.0	9.0	7.0	.684	.742	60.0	68.0	E.	40	C.	69	—	—	—	—	—	—	b	b	b	0.00	—	10	136.0	" "
81.0	29.598	85.0	29.510	9	29.921	29.824	83.0	76.0	81.0	75.0	87.0	76.0	7.0	6.0	.766	.757	68.0	72.0	E.	54	C.	105	—	4	—	C.I.	—	—	b	b c	b	0.13	—	10	136.0	" "
82.0	29.570	80.0	29.510	10	29.891	29.821	82.0	77.0	82.0	76.0	88.0	77.0	5.0	6.0	.830	.785	76.0	72.0	E.	54	E.	55	8	4	C.I.S.	C.I.-C.U.	E	E	c	b c	b	0.00	¼	10	135.0	Thunder and lightening 3 to 4 a.m.
81.0	29.640	85.0	29.616	11	29.964	29.939	82.0	75.0	81.0	75.0	88.0	75.0	7.0	6.0	.742	.757	68.0	72.0	E.	51	E.	61	4	8	C.U.	C.I.-C.U.	E	—	b c	c	b	0.26	—	10	135.0	Very warm day Droughts.
83.0	29.694	86.0	29.600	12	30.011	29.911	84.0	75.0	82.0	75.0	89.0	78.0	9.0	7.0	.710	.742	60.0	68.0	E.	81	E.	79	2	—	C.U.	—	E	—	b c	b	b	0.00	¼	10	137.0	" "
81.0	29.640	85.0	29.540	13	29.965	29.854	81.0	76.0	81.0	74.0	86.0	75.0	5.0	7.0	.802	.715	76.0	68.0	E.	69	E.	58	4	—	C.I.-C.U.	—	E	—	b c	b	b	0.06	—	10	133.0	" "
80.0	29.570	85.0	29.502	14	29.899	29.817	80.0	76.0	80.0	75.0	85.0	76.0	4.0	5.0	.820	.775	80.0	75.0	C.	35	E.	94	8	2	N.	N.	E	E	c	b c	b c	0.00	¼	10	130.0	O/cast at intervals.
81.0	29.592	83.0	29.514	15	29.917	29.835	81.0	76.0	80.0	75.0	85.0	76.0	5.0	5.0	.802	.775	76.0	75.0	C.	59	E.	72	10	8	A.S.	C.I.-C.U.	—	E	o	c	b c	0.00	—	10	133.0	" "
81.0	29.628	82.0	29.570	16	29.952	29.898	82.0	75.0	80.0	74.0	86.0	76.0	7.0	6.0	.742	.732	72.0	71.0	E.	70	E.	75	8	8	C.I.-C.U.	C.I.-C.U.	E	E	o	c	b c	0.10	—	10	135.0	" "
79.0	29.660	86.0	29.560	17	29.995	29.871	76.0	74.0	82.0	76.0	86.0	76.0	2.0	6.0	.801	.785	89.0	72.0	NE.	148	E.	68	10	2	N.	C.U.	NE	E	o	b c	b c	0.00	¼	10	132.0	" "
81.0	29.620	86.0	29.554	18	29.944	29.866	82.0	74.0	81.0	75.0	85.0	75.0	8.0	6.0	.701	.757	64.0	72.0	E.	89	E.	90	4	2	C.U.	C.U.	E	E	b c	b c	b	0.07	—	10	132.0	" "
80.0	29.600	85.0	29.536	19	29.928	29.851	81.0	74.0	80.0	74.0	85.0	76.0	7.0	6.0	.715	.732	68.0	71.0	E.	84	C.	101	2	6	C.U.	C.I.	E	—	b c	c	b c	0.10		10	132.0	" "
79.0	29.600	85.0	29.510	20	29.932	29.826	79.0	75.0	79.0	75.0	83.0	73.0	4.0	4.0	.798	.793	80.0	80.0	E.	53	C.	73	6	2	C.I.S.	C.U.	E	E	c	b c	b	0.05	¼	10	128.0	Very warm day. "
80.0	29.560	82.0	29.480	21	29.885	[illegible]	84.0	75.0	79.0	74.0	87.0	74.0	9.0	5.0	.710	.749	60.0	75.0	E.	32	SE.	88	2	2	C.U.	C.U.	E	SE	b c	b c	b	0.00	¼	10	135.0	" "
80.0	29.570	86.0	29.510	22	29.898	29.838	81.0	76.0	81.0	75.0	85.0	73.0	5.0	6.0	.802	.757	76.0	72.0	E.	60	E.	96	2	6	C.U.	C.I.S.	E	E	b c	c	b	0.00	—¼	10	130.0	" "
81.0	29.588	85.0	29.530	23	29.912	29.844	82.0	75.0	81.0	75.0	86.0	76.0	7.0	6.0	.742	.757	68.0	72.0	E.	75	E.	108	2	8	C.U.	C.I.S.	E	E	b c	c	b	0.00	—	10	131.0	" Fresh breeze
81.0	29.680	84.0	29.486	24	29.906	29.805	81.0	76.0	80.0	76.0	86.0	76.0	5.0	4.0	.802	.820	76.0	80.0	SE.	101	E.	97	6	8	C.U.	C.I.S.	SE	E	c	c	b c	0.00	—	10	132.0	" "
81.0	29.600	85.0	29.470	25	29.925	29.785	81.0	76.0	81.0	76.0	86.0	77.0	5.0	5.0	.803	.802	76.0	76.0	SE.	87	E.	104	4	—	C.U.	—	SE	—	b c	b	b	0.00	—	10	133.0	" "
82.0	29.570	84.0	29.490	26	29.891	29.809	82.0	78.0	80.0	76.0	84.0	76.0	4.0	4.0	.877	.820	80.0	80.0	E.	85	SE.	98	10	8	A.S.	N.	E	SE	o	c	b c	0.00	—	10	121.0	" "
81.0	29.680	84.0	29.530	27	29.905	29.846	81.0	75.0	82.0	74.0	86.0	77.0	6.0	8.0	.757	.701	72.0	64.0	E.	117	C.	64	8	8	C.I.-C.U.	C.I.-C.U.	E	—	o	c	b c	0.00	—	10	132.0	" "
83.0	29.580	87.0	29.510	28	29.906	29.818	83.0	76.0	82.0	76.0	88.0	76.0	9.0	6.0	.766	.785	68.0	72.0	E.	53	C.	57	8	2	C.I.-C.U.	C.U.	E	E	o	b c	b	0.00	—	10	136.0	" Droughts.
81.0	29.540	86.0	29.480	29	29.862	29.815	84.0	76.0	81.0	76.0	89.0	76.0	8.0	5.0	.751	.802	64.0	76.0	E.	34	C.	66	2	6	C.U.	C.I.-C.U.	E	—	b c	c	b	0.00	—	10	135.0	" "
82.0	29.554	85.0	29.600	30	29.874	29.915	83.0	76.0	80.0	75.0	85.0	77.0	6.0	5.0	.766	.775	68.0	75.0	E.	60	E.	88	8	8	C.I.S.	C.I.-C.U.	E	—	o	c	b c	0.00	—	10	812.0	" "
																									—	—	—	—		—	—	0.85	4½			
81.0	29.604	85.0	29.499		29.929	29.815	81.0	76.0	80.0	75.0	86.0	75.0	6.0	6.0	.761	.759	71.0	73.0	E.	72	E.	81	4½	4.0	—	—	—	—		—	—	10 Days		10.0	132.0	

Summaries.

Weather—
No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
10	0	0	1	21	9	0	

Wind—
No. of Observation of

Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	W,	NW.	
2	0	1	24	3	0	0	0	0		—9 a.m.
9	0	0	17	4	0	0	0	0		—6 p.m.

Highest corrected Reading of Barometer—30.011 on 12th
Lowest " " " —29.805 on 21st
Greatest Daily Rainfall — — 0.26 on 12th
No. of days with Rainfall 0.04 in or more— 7
No. of Days of Temperature on Grass below •

Extremes.

Highest Temperature in Shade(Ab. max.)—89.0 on 8th
Lowest " — 73·0 on 20th
Lowest Daily Maximum —121.0 on 26th
Highest Daily Minimum —137.0 on 12th
Lowest Temperature on Grass

	Inches	Parts.
Total Rainfall from 1st to 30th April, 1919.	0	85
" for the corresponding period of last year	1	60

CHARLES RIGGS, *Observer*

Month of May, 1919.

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 at read. 9 a.m.	Attached Thermometer. Barometer at 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.		Wind. 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.	Weather at time of observation. 6 p.m.	Weather during interval ending 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.		
82.0	29.590	84.0	29.550	1	29.910	29.867	83.0	75.0	81.0	75.0	88.0	76.0	8.0	6.0	.724	.757	64.0	72.0	C.	68	E.	53	4	6	C.U.	N.	—	E	b c	c	b c	0.08	½	6	135.0	Very warm day, O/cast and cloudy.
81.0	29.620	84.0	29.550	2	29.946	29.868	80.0	75.0	80.0	74.0	84.0	76.0	5.0	6.0	.775	.782	75.0	71.0	C.	81	E.	67	8	2	N.	C.U.	E	E	c	b c	b c	0.15	¼	8	133.0	" "
80.0	29.610	80.0	29.550	3	29.939	29.883	80.0	75.0	76.0	74.0	84.0	74.0	5.0	2.0	.775	.801	75.0	89.0	E.	94	E.	58	4	4	C.U.	N.	E	E	b c	b c	b c	0.90	1½	4	130.0	O/cast at intervals, welcome showers.
80.0	29.614	81.0	29.600	4	29.943	29.928	80.0	74.0	78.0	74.0	83.0	75.0	6.0	4.0	.732	.765	71.0	79.0	E.	119	E.	63	8	8	N.	N.	E	E	c	c	c	0.25	½	4	130.0	" "
80.0	29.600	86.0	29.570	5	29.928	29.881	81.0	75.0	82.0	76.0	85.0	74.0	6.0	6.0	.757	.785	72.0	72.0	E.	88	E.	56	8	2	C.U.	C.U.	E	E	c	b c	b c	0.12	¼	6	132.0	" "
79.0	29.590	83.0	29.540	6	29.921	29.862	80.0	75.0	79.0	74.0	84.0	74.0	5.0	5.0	.775	.749	75.0	75.0	E.	91	E.	81	6	8	C.U.	N.	E	E	c	c	b c	0.06	¼	8	132.0	" "
80.0	29.560	84.0	29.610	7	29.888	29.928	81.0	75.0	80.0	74.0	86.0	74.0	6.0	6.0	.757	.732	72.0	71.0	E.	99	N.E.	58	6	6	C.U.	C.I.S.	E	NE	c	c	b	0.05	¼	10	135.0	Very warm day.
80.0	29.554	84.0	29.610	8	29.881	29.829	82.0	77.0	79.0	76.0	86.0	76.0	5.0	4.0	.830	.839	76.0	85.0	E.	78	E.	72	4	4	C.U.	N.	E	E	c	b c	b	0.10	¼	10	132.0	"
81.0	29.594	84.0	29.640	9	29.845	29.858	81.0	76.0	80.0	75.0	87.0	75.0	5.0	3.0	.802	.775	76.0	75.0	E.	84	E.	64	8	8	N.	C.I.S.	E	E	c	c	b	0.00	—	10	135.0	"
81.0	29.594	82.0	29.520	10	29.817	29.843	83.0	76.0	80.0	74.0	85.0	76.0	7.0	6.0	.766	.782	68.0	71.0	E.	83	E.	57	8	8	C.I.S.	C.I.-C.U.	C	—	c	c	b c	0.30	½	6	133.0	O/cast at intervals.
79.0	29.590	83.0	29.530	11	29.922	29.844	79.0	76.0	81.0	74.0	84.0	74.0	3.0	7.0	.839	.715	85.0	68.0	N.E.	77	E.	69	8	—	N.	—	NE	—	c	b	b	0.07	½	10	132.0	Bright warm day.
80.0	29.620	85.0	29.540	12	29.947	29.855	82.0	75.0	80.0	75.0	87.0	75.0	7.0	5.0	.742	.775	68.0	75.0	C.	65	N.E.	61	2	—	C.U.	—	E	—	c	b	b	0.05	½	10	134.0	"
80.0	29.610	86.0	29.600	13	29.937	29.872	82.0	78.0	81.0	77.0	85.0	76.0	4.0	5.0	.877	.849	80.0	80.0	E.	84	E.	99	4	8	C.U.	C.I.S.	E	E	b c	c	b c	0.11	½	8	131.0	"
80.0	29.580	85.0	29.560	14	29.903	29.875	81.0	77.0	80.0	76.0	86.0	76.0	5.0	4.0	.849	.820	80.0	80.0	E.	64	E.	59	8	6	N.	N.	E	E	c	c	b c	0.05	½	8	134.0	"
80.0	29.590	85.0	29.530	15	29.917	29.844	82.0	77.0	81.0	76.0	86.0	76.0	5.0	5.0	.839	.802	76.0	76.0	E.	79	E.	67	6	8	C.U.	N.	E	E	c	c	b c	0.13	½	8	134.0	"
80.0	29.592	85.0	29.580	16	29.921	29.895	80.0	76.0	80.0	76.0	85.0	76.0	4.0	4.0	.820	.820	80.0	80.0	E.	99	E.	65	2	6	N.	N.	E	E	b c	c	b c	0.40	½	6	130.0	O/cast at intervals, light showers.
78.0	29.620	84.0	29.560	17	29.957	29.878	77.0	75.0	80.0	75.0	85.0	75.0	2.0	5.0	.829	.775	89.0	75.0	E.	81	E.	65	10	—	N.	—	E	—	r	b	b c	0.12	½	8	132.0	" "
80.0	29.620	87.0	29.540	18	29.947	29.850	82.0	74.0	80.0	75.0	87.0	75.0	8.0	5.0	.701	.775	64.0	75.0	E.	89	C.	75	—	—	—	—	—	—	b	b	b	0.00	—	10	131.0	Bright warm day.
79.0	29.530	88.0	29.540	19	29.911	29.847	80.0	75.0	81.0	75.0	85.0	76.0	5.0	6.0	.775	.757	75.0	72.0	E.	87	C.	86	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	131.0	"
80.0	29.540	85.0	29.536	20	29.869	29.850	80.0	74.0	81.0	74.0	85.0	76.0	6.0	7.0	.732	.715	71.0	68.0	E.	50	E.	76	4	—	C.U.	—	E	—	b c	b	b	0.00	—	10	131.0	"
81.0	29.580	83.0	29.560	21	29.903	29.885	83.0	76.0	80.0	76.0	87.0	76.0	7.0	4.0	.766	.820	68.0	80.0	E.	75	E.	53	—	4	—	C.I.-C.U.	—	—	b	b c	b	0.70	1	8	131.0	"
78.0	29.630	84.0	29.552	22	29.968	29.870	76.0	74.0	80.0	75.0	84.0	74.0	2.0	5.0	.801	.775	89.0	75.0	E.	88	E.	56	8	2	N.	N.	E	E	c	b c	b c	0.00	—	6	132.0	O/cast at intervals a.m.
80.0	29.620	82.0	29.560	23	29.947	29.882	82.0	75.0	78.0	75.0	85.0	75.0	7.0	3.0	.742	.810	68.0	84.0	E.	66	E.	79	2	4	C.U.	N.	E	E	b c	b c	b	0.00	—	11	132.0	Bright warm day.
80.0	29.616	87.0	29.570	24	29.945	29.877	80.0	75.0	83.0	76.0	86.0	76.0	5.0	7.0	.775	.766	75.0	68.0	E.	51	E.	53	2	2	C.U.	N.	E	E	b c	b c	b	0.00	—	11	133.0	"
80.0	29.614	87.0	29.560	25	29.942	29.864	81.0	74.0	81.0	74.0	86.0	76.0	7.0	7.0	.715	.715	68.0	68.0	E.	50	E.	68	2	—	C.U.	—	E	—	b c	b	b	0.00	—	11	134.0	"
81.0	29.620	85.0	29.544	26	29.943	29.859	83.0	76.0	80.0	74.0	88.0	76.0	7.0	6.0	.766	.732	68.0	71.0	E.	60	C.	54	6	8	C.I.S.	C.I.S.	—	—	c	c	b	0.00	—	11	134.0	"
81.0	29.622	84.0	29.570	27	29.947	29.887	81.0	76.0	81.0	76.0	85.0	78.0	5.0	5.0	.802	.802	76.0	71.0	E.	52	E.	65	8	8	C.I.S.	C.I.-C.U.	—	E	c	c	b	0.00	—	10	130.0	"
81.0	29.670	80.0	29.610	28	29.993	29.942	83.0	76.0	77.0	76.0	83.0	77.0	7.0	1.0	.766	.877	68.0	94.0	E.	92	E.	48	10	10	N.	N.	E	E	o	o	b c	0.13	½	6	119.0	O/cast at intervals.
80.0	29.630	79.0	29.554	29	29.958	29.889	81.0	77.0	76.0	75.0	85.0	75.0	4.0	1.0	.849	.868	80.0	94.0	E.	70	S.E.	56	6	8	C.U.	N.	E	SE	c	c	c	0.33	½	6	134.0	"
80.0	29.610	85.0	29.514	30	29.938	29.829	81.0	78.0	80.0	76.0	85.0	76.0	3.0	4.0	.02	.820	67.0	80.0	E.	50	C.	47	6	—	N.	—	E	—	c	b	b c	0.22	½	6	130.0	"
80.0	29.580	79.0	29.510	31	29.909	29.836	80.0	77.0	75.0	74.0	82.0	75.0	3.0	1.0	.849	.820	80.0	94.0	E.	52	E.	78	4	10	N.	N.	E	E	b c	o	b c	1.60	1½	6	130.0	Heavy rains 2 to 4 p.m.
																									—	—	—	—		—	—	5.92	11¾			
80.0	29.605	84.0	29.552		29.927	29.670	81.0	76.0	79.0	75.0	85.0	75.0	5.0	5.0	.784	.782	78.0	77.0	E.	106	E.	65	5.0	5.0	—	—	—	—		—	—	21 Days		8.0	132.0	

Summaries.

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
21	0	0	0	14	17		

Wind— No. of Observation of

Forces 4-7.	Calm,	N,	NE,	E,	SE,	S.	SW.	W.	NW.	
3	0	0	27	0	0	0	0	0		—9 a.m.
4	0	2	24	1	0	0	0	0		—6 p.m.

Highest corrected Reading of Barometer—29.993 on 28th
Lowest " " " —29.829 on 8th
Greatest Daily Rainfall — 1.60 on 31st
No. of days with Rainfall 0.04 in or more— 21
No. of Days of Temperature on Grass below °

Total Rainfall from 1st to 31st May, 1919. ... ... Inches 5 Parts 92
" for the corresponding period of last year 7 93

Extremes.

Highest Temperature in Shade (Ab. max.)— 88.0 on 1st
Lowest " — 74.0 on 3rd
Lowest Daily Maximum —119.0 on 28th
Highest Daily Minimum —135.0 on 1st
Lowest Temperature on Grass

CHARLES RIGGS, *Observer.*

Month of June, 1919.

Latitude 12° 5′ 2″ N Longitude 61° 46′ 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 107 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Barometer at rest. 9 a.m.	Barometer at rest. 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.	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.	Weather at time of observation. 6 p.m.	Weather during interval end 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.		
80.0	29.580	83.0	29.504	1	29.909	29.835	80.0	76.0	80.0	76.0	83.0	73.0	4.0	4.0	.820	.820	80.0	80.0	S.E.	105	S.E.	108	8	6	N.	C.I.S.	SE	—	c	c	b	0.00	—	8	130.0	Bright warm day.
80.0	29.610	85.0	29.592	2	29.937	29.906	82.0	74.0	81.0	75.0	85.0	76.0	8.0	6.0	.701	.757	64.0	72.0	E.	86	S.E.	73	6	4	C.U.	C.U.	E	SE	b	b c	b	0.00	—	10	130.0	"
81.0	29.630	85.0	29.580	3	29.954	29.894	82.0	75.0	81.0	75.0	86.0	76.0	7.0	6.0	.742	.757	68.0	72.0	E.	106	E.	87	10	8	A.S.	N.	E	E	c	c	b c	0.00	—	8	134.0	O/cast and misty.
80.0	29.660	83.0	29.580	4	29.937	29.901	82.0	75.0	80.0	74.0	87.0	76.0	7.0	6.0	.742	.732	68.0	71.0	E.	103	E.	72	8	8	C.I.S.	C.I.S.	E	E	c	c	b c	0.32	¼	8	133.0	"
80.0	29.630	84.0	29.570	5	29.958	29.889	81.0	75.0	79.0	74.0	85.0	73.0	6.0	5.0	.757	.749	72.0	75.0	E.	52	E.	47	6	8	C.I.S.	C.I.S.	E	E	c	c	b c	0.20	¼	8	132.0	"
79.0	29.620	84.0	29.584	6	29.951	29.902	80.0	75.0	80.0	74.0	84.0	73.0	5.0	6.0	.690	.732	67.0	71.0	E.	66	E.	78	2	2	C.U.	C.U.	E	E	b c	b c	b c	0.08	¼	8	131.0	"
81.0	29.680	80.0	29.630	7	30.005	29.962	81.0	76.0	77.0	76.0	82.0	75.0	5.0	1.0	.802	.877	76.0	94.0	E.	80	C.	54	4	10	C.U.	N.	E	E	b c	r	c	0.78	1	6	123.0	O/cast at intervals.
79.0	29.694	77.0	29.580	8	30.018	29.921	77.0	75.0	76.0	74.0	83.0	72.0	2.0	2.0	.829	.801	89.0	89.0	S.E.	94	E.	58	8	10	N.	N.	SE	E	c	o	o	0.62	1	1	124.0	" nearly the whole day.
80.0	29.660	85.0	29.580	9	29.988	29.895	81.0	77.0	80.0	76.0	84.0	73.0	4.0	4.0	.849	.820	80.0	80.0	E.	72	C.	55	4	2	C.U.	C.U.	E	E	b c	b c	b c	0.00	—	8	131.0	O/cast at intervals.
79.0	29.600	85.0	29.550	10	29.930	29.865	81.0	75.0	80.0	76.0	86.0	75.0	6.0	4.0	.757	.820	75.0	80.0	N.E	60	E.	50	—	6	—	N.	—	E	b	c	b	0.60	1	8	132.0	"
77.0	29.610	78.0	29.514	11	29.952	29.051	75.0	75.0	77.0	75.0	82.0	74.0	—	2.0	.868	.829	.100	89.0	E.	87	C.	102	10	10	N.	N.	E	—	r	o	b c	0.03	¼	8	117.0	"
80.0	29.610	82.0	29.556	12	29.937	29.880	82.0	77.0	78.0	76.0	84.0	74.0	5.0	3.0	.830	.839	76.0	85.0	E.	88	E.	54	4	8	C.I.-C.U.	C.I.S.	E	E	b c	c	b c	0.00	—	8	132.0	"
79.0	29.644	87.0	29.594	13	29.975	29.899	80.0	76.0	85.0	76.0	85.0	74.0	4.0	6.0	.820	.873	80.0	72.0	E.	80	C.	54	6	4	N.	C.I.S.	E	—	c	b c	b	0.15	¼	10	131.0	Bright warm day.
78.0	29.600	83.0	29.550	14	29.932	29.871	79.0	75.0	80.0	76.0	85.0	75.0	4.0	4.0	.793	.820	80.0	80.0	E.	61	C.	65	6	10	N.	N.	E	—	c	o	b c	0.30	¼	8	132.0	"
79.0	29.593	84.0	29.574	15	29.929	29.891	80.0	76.0	81.0	76.0	84.0	75.0	4.0	5.0	.820	.802	80.0	76.0	E.	97	E.	77	8	2	N.	C.U.	E	E	c	b c	b c	0.10	¼	6	130.0	"
79.0	29.610	84.0	29.580	16	29.941	29.899	80.0	76.0	79.0	74.0	83.0	74.0	4.0	5.0	.820	.749	80.0	75.0	E.	74	E.	65	6	2	N.	C.U.	E	E	c	b c	b	0.00	—	10	130.0	"
79.0	29.614	85.0	29.600	17	29.943	29.914	82.0	75.0	81.0	76.0	85.0	75.0	7.0	5.0	.742	.802	68.0	76.0	E.	43	E.	57	—	2	—	C.U.	—	E	b	b c	b	0.00	—	11	132.0	"
80.0	29.640	85.0	29.600	18	29.968	29.923	81.0	74.0	80.0	74.0	85.0	76.0	7.0	6.0	.715	.732	68.0	71.0	E.	57	E.	61	4	10	C.U.	A.S.	E	—	b c	o	b	0.08	¼	10	134.0	"
80.0	29.700	85.0	29.620	19	30.024	29.946	81.0	76.0	80.0	75.0	86.0	76.0	6.0	5.0	.802	.775	76.0	75.0	C.	76	C.	53	2	—	C.U.	—	E	—	b.c	b	b c	0.28	¼	8	134.0	"
80.0	29.652	79.0	29.610	20	29.981	29.943	80.0	76.0	78.0	75.0	83.0	74.0	4.0	3.0	.820	.810	80.0	84.0	E.	59	C.	56	4	8	C.I.-C.U.	C.I.S.	E	E	b c	c	b c	0.12	¼	8	127.0	"
80.0	29.670	83.0	29.580	21	30.000	29.901	79.0	77.0	80.0	75.0	84.0	75.0	2.0	5.0	.887	.775	90.0	75.0	C.	88	E.	68	8	—	N.	—	E	—	c	b	b	0.00	—	10	130.0	"
80.0	29.690	83.0	29.580	22	30.018	29.881	81.0	75.0	80.0	75.0	84.0	76.0	6.0	5.0	.757	.775	72.0	75.0	E.	94	E.	56	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	132.0	"
80.0	29.660	83.0	29.490	23	29.988	29.809	81.0	74.0	80.0	74.0	85.0	75.0	7.0	6.0	.715	.671	68.0	57.0	E.	62	C.	65	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	"
79.0	29.624	84.0	29.580	24	29.954	29.898	81.0	75.0	80.0	74.0	85.0	75.0	6.0	6.0	.757	.671	72.0	57.0	E.	37	E.	66	6	2	C.U.	C.U.	E	E	c	b c	b	0.00	—	10	133.0	"
80.0	29.610	80.0	29.580	25	29.937	29.863	82.0	76.0	76.0	75.0	85.0	75.0	6.0	1.0	.785	.848	72.0	94.0	C.	55	E.	48	6	10	C.U.	A.S.	E	—	c	o	b c	0.32	¼	5	130.0	O/cast at intervals.
79.0	29.610	85.0	29.580	26	29.940	29.892	81.0	77.0	81.0	76.0	84.0	74.0	4.0	5.0	.849	.802	80.0	76.0	E.	57	E.	57	2	2	C.U.	N.	E	E	b c	b c	b	0.06	¼	8	131.0	"
80.0	29.620	85.0	29.560	27	29.977	29.875	82.0	75.0	80.0	75.0	85.0	75.0	7.0	5.0	.742	.775	68.0	75.0	E.	79	E.	71	4	2	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	131.0	Very warm day.
80.0	29.592	85.0	29.570	28	29.935	29.885	80.0	75.0	80.0	76.0	85.0	74.0	5.0	4.0	.775	.820	75.0	80.0	C.	62	E.	44	8	4	C.I.S.	C.U.	—	E	c	b c	b	0.10	¼	10	129.0	"
79.0	29.630	83.0	29.576	29	29.960	29.896	81.0	75.0	81.0	76.0	85.0	75.0	6.0	5.0	.757	.802	72.0	76.0	E.	55	C.	58	2	8	C.U.	C.U.	E	E	b c	c	b	0.21	¼	10	132.0	"
79.0	29.630	86.0	29.560	30	29.960	29.872	81.0	75.0	81.0	74.0	85.0	75.0	6.0	7.0	.757	.715	72.0	68.0	E.	55	E.	57	2	—	C.U.	—	E	—	b c	b	b	0.04	¼	10	134.0	"
																									—	—	—	—		—	—	4.39	6¼	8¼		
80.0	29.623	83.0	29.571		29.963	29.858	81.0	75.0	80.0	75.0	84.0	75.0	5.0	5.0	.783	.785	76.0	77.0	E.	73	E.	64	5.0	5.0	—	—	—	—		—	—	18 Days			131.0	

Summaries.

Weather— No. of days of

Rain.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gales.
18	0	0	0	15	15		

Wind— No. of Observation at

	Forces 4-7.	Calm.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	
9 a.m.	4	0	1	23	2	0	0	0	0	0	9 a.m.
6 p.m.	7	0	0	21	2	0	0	0	0	0	6 p.m.

Highest corrected Reading of Barometer—30.024 on 19th
Lowest " " " —29.809 on 23rd
Greatest Daily Rainfall — — 0.78 on 7th
No. of days with Rainfall 0.04 in or more— 17
No. of days of Temperature on Grass below •

Extremes.

Highest Temperature in Shade (Ab. max.)—87.0 on 4th
Lowest " — 72.0 on 8th
Lowest Daily Maximum —117.0 on 11th
Highest Daily Minimum —134.0 on 3rd
Lowest Temperature on Grass

Total Rainfall from 1st to 30th June, 1919. inches 39 Parts
" for the corresponding period of last year 10 26

CHARLES RIGGS, *Observer.*

Month of July, 1919.

Latitude 12° 6′ 2″ N. Longitude 61° 46′ 55″ W. Height of Barometer Cistern above Mean Sea Level 609 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. Thermometer [illegible]
Gravity Correction [illegible] 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 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.	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 ending 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.		
80.0	29.610	84.0	29.570	1	29.938	29.888	81.0	76.0	80.0	76.0	86.0	76.0	5.0	4.0	.802	.820	76.0	80.0	E. 87	E. 67	4	4	C.I.-C.U.	N.	E	E	b c	b c	b	0.00	—	11	133.0	Very warm day
81.0	29.580	84.0	29.600	2	29.903	29.917	83.0	76.0	81.0	75.0	86.0	77.0	7.0	6.0	.766	.757	68.0	72.0	E. 113	C. 75	4	8	C.I.-C.U.	C.U.	—	E	b c	c	b	0.16	¼	11	135.0	"
80.0	29.600	76.0	29.540	3	29.931	29.886	78.0	76.0	74.0	73.0	80.0	75.0	2.0	1.0	.857	.793	89.0	94.0	E. 106	E. 44	10	10	A.S.	N.	E	E	o	c	b c	1.52	1½	6	108.0	O/cast at intervals.
79.0	29.634	85.0	29.590	4	29.966	29.905	79.0	77.0	80.0	75.0	82.0	72.0	2.0	5.0	.887	.775	90.0	75.0	E. 60	E. 60	6	—	N.	—	E	—	c	b	b c	0.18	¼	6	131.0	"
79.0	29.640	85.0	29.590	5	29.972	29.906	79.0	76.0	79.0	75.0	84.0	75.0	3.0	4.0	.839	.793	85.0	80.0	S.E. 52	C. 83	2	4	C.U.	C.I.-C.U.	SE	—	b c	b c	b c	0.16	¼	8	131.0	"
79.0	29.610	87.0	29.590	6	29.932	29.899	79.0	76.0	81.0	76.0	85.0	75.0	3.0	5.0	.839	.802	85.0	76.0	E. 28	C. 51	4	2	C.U.	C.U.	E	E	b c	b c	b c	0.10	¼	6	131.0	"
79.0	29.630	79.0	29.560	7	29.963	29.894	73.0	76.0	77.0	76.0	81.0	76.0	2.0	2.0	.857	.829	89.0	89.0	E. 60	C. 45	10	10	N.	N.	E	—	r	r	o	0.75	1½	2	122.0	O/cast with light rains.
80.0	29.660	85.0	29.640	8	29.992	29.953	81.0	77.0	82.0	76.0	83.0	75.0	4.0	6.0	.849	.785	80.0	72.0	E. 79	C. 41	6	8	N.	C.I.S.	E	—	c	c	o	0.90	2	1	129.0	"
80.0	29.670	86.0	29.690	9	29.998	29.941	81.0	77.0	82.0	77.0	85.0	74.0	4.0	5.0	.849	.836	80.0	76.0	S.E. 79	E. 68	4	—	C.U.	—	SE	—	b c	b	b	0.00	—	10	129.0	Bright warm day.
81.0	29.700	83.0	29.610	10	30.023	29.938	82.0	76.0	78.0	76.0	86.0	75.0	6.0	2.0	.785	.857	72.0	89.0	E. 69	E. 65	2	6	C.U.	N.	E	E	b c	c	b c	0.31	¾	6	135.0	"
80.0	29.690	83.0	29.630	11	30.018	29.955	81.0	76.0	78.0	74.0	83.0	76.0	5.0	4.0	.802	.765	76.0	79.0	E. 110	E. 84	4	2	C.U.	N.	E	E	b c	b c	b	0.14	¼	8	131.0	"
79.0	29.740	86.0	29.670	12	30.071	29.984	79.0	74.0	81.0	75.0	86.0	75.0	5.0	6.0	.749	.757	75.0	72.0	C. 62	E. 46	8	2	C.I.S.	C.I.-C.U.	—	E	c	b c	b	0.00	—	10	135.0	"
81.0	29.674	85.0	29.620	13	29.996	29.936	84.0	77.0	79.0	74.0	86.0	76.0	7.0	5.0	.794	.749	68.0	75.0	C. 64	C. 46	8	—	C.U.	—	E	—	c	b	b	0.09	¼	10	137.0	"
79.0	29.610	87.0	29.570	14	29.943	29.879	78.0	75.0	83.0	76.0	85.0	76.0	3.0	7.0	.910	.766	84.0	68.0	E. 38	C. 52	8	—	N.	—	E	—	c	b	b	0.56	¼	10	132.0	"
79.0	29.620	85.0	29.560	15	29.952	29.874	79.0	76.0	81.0	76.0	84.9	74.0	3.0	5.0	.839	.802	85.0	76.0	S.E. 28	C. 80	4	—	N.	—	SE	—	b c	b	b	0.03	¼	10	129.0	"
79.0	29.630	86.0	29.576	16	29.961	29.888	80.0	76.0	81.0	76.0	85.0	76.0	4.0	5.0	.820	.802	80.0	76.0	E. 59	C. 63	4	—	C.U.	—	E	—	b c	b	b	0.04	¼	10	133.0	"
79.0	29.643	87.0	29.610	17	29.978	29.918	80.6	75.0	81.0	74.0	87.0	75.0	5.0	7.0	.775	.715	75.0	68.0	E. 58	E. 36	—	—	—	—	—	—	b	b	b	0.34	¼	10	134.0	"
79.0	29.643	84.0	29.610	18	29.974	29.928	79.0	75.0	80.0	75.0	84.0	73.0	4.0	5.0	.793	.775	80.0	75.0	E. 44	E. 47	2	4	C.U.	C.I.-C.U.	E	E	b c	b c	b	0.10	¼	10	133.0	"
79.0	29.650	86.0	29.592	19	29.980	29.903	81.0	76.0	82.0	77.0	85.0	75.0	5.0	5.0	.802	.830	76.0	76.0	E. 84	E. 31	—	2	—	C.U.	—	E	b	b c	b c	0.02	½	8	134.0	"
80.0	29.620	87.0	29.560	20	29.947	29.868	82.0	75.0	82.0	75.0	87.6	76.0	7.0	7.0	.775	.742	75.0	68.0	E. 48	E. 48	4	2	C.U.	C.U.	E	E	b c	b c	b c	0.31	¼	8	137.0	"
79.0	29.580	84.0	29.570	21	29.891	29.890	79.0	76.0	78.0	75.0	85.0	75.0	3.0	3.0	.839	.810	85.0	84.0	E. 55	C. 56	4	8	N.	N.	E	—	b c	c	b c	0.37	½	6	133.0	O/cast at intervals, light rain
79.0	29.610	80.0	29.556	22	29.942	29.888	79.0	77.0	77.0	76.0	84.0	75.0	2.0	1.0	.887	.877	90.0	94.0	E. 52	E. 56	8	8	N.	N.	E	E	c	c	c	0.08	1½	4	133.0	"
80.0	29.600	86.0	29.560	23	29.929	29.873	81.0	75.0	80.0	75.0	85.0	74.0	6.0	5.0	.757	.775	72.0	75.0	E. 98	C. 67	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	Bright warm day.
80.0	29.620	88.0	29.530	24	29.946	29.936	83.0	76.0	82.0	76.0	85.0	75.0	7.0	6.0	.766	.785	68.0	72.0	C. 38	C. 61	4	—	C.U.	—	—	—	b c	b	b	0.00	—	10	132.0	"
80.0	29.630	89.0	29.604	25	29.955	29.905	82.0	76.0	83.0	77.0	86.0	75.0	6.0	6.0	.785	.810	72.0	72.0	E. 42	C. 59	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	132.0	"
80.0	29.660	83.0	29.604	26	29.984	29.927	82.0	76.0	78.0	75.0	86.0	76.0	6.0	3.0	.785	.810	72.0	84.0	C. 45	E. 51	—	—	—	—	—	—	b	b	b	0.40	¼	10	135.0	"
80.0	29.640	89.0	29.570	27	29.967	29.873	82.0	77.0	82.0	76.0	85.0	75.0	5.0	6.0	.830	.735	76.0	72.0	C. 41	C. 41	6	—	C.U.	—	E	—	c	b	b	0.36	¼	10	132.0	"
80.0	29.650	86.0	29.544	28	29.980	29.856	79.0	76.0	82.0	77.0	85.0	75.0	3.0	5.0	.839	.830	85.0	76.0	C. 19	C. 43	4	—	C.I.C.U.	—	—	—	b c	b	b	0.04	¼	10	132.0	"
80.0	29.610	85.0	29.600	29	29.939	29.914	80.0	76.0	81.0	76.0	85.0	76.0	4.0	5.0	.820	.802	80.0	76.0	E. 41	E. 51	4	4	C.U.	C.U.	E	E	b c	b c	b	0.09	¼	10	132.0	"
81.0	29.656	84.0	29.594	30	29.981	29.941	82.0	76.0	81.0	75.0	86.0	76.0	6.0	6.0	.785	.757	72.0	72.0	E. 54	E. 58	2	—	N.	—	E	—	b c	b	b	0.00	—	10	132.0	"
81.0	29.674	86.0	29.630	31	29.997	29.942	83.0	76.0	81.0	75.0	87.0	76.0	7.0	6.0	.785	.757	72.0	72.0	E. 61	E. 49	2	2	C.U.	C.U.	E	E	b c	b c	b	0.04	¼	10	137.0	"
																														8.09				
																							—	—	—	—		—	—					
80.0	29.625	85.0	29.590		29.966	29.910	80.0	76.0	80.0	75.0	85.0	75.0	5.0	6.0	.812	.788	78.0	77.0	E. 59	E. 56	4.0	3.0	—	—	—	—		—	—	24 Days	14	8½	135.0	

Summaries

Weather—
No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
24	0	0	0	20	11		

Wind—
No. of Observations of

	Force 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	W,	NW.
—9 a.m.	6	0	0	22	3	0	0	0	0	
—6 p.m.	15	0	0	16	0	0	0	0	0	

Highest corrected Reading of Barometer —30.071 on 12th
Lowest " " " —29.865 on 28th
Greatest Daily Rainfall — 1.52 on 3rd
No. of days with Rainfall 0.04 inch or more— 22
No. of Days of Temperature on Grass below

Extremes.

Highest Temperature in Shade (Ab. max.) —87.0 on 17th
Lowest " —72.0 on 4th
Lowest Daily Maximum —108.0 on 3rd
Highest Daily Minimum —137.0 on 13th
Lowest Temperature on Grass

Total Rainfall from 1st to 31st July, 1919. ... ... Inches 8 Parts 09
" " for the corresponding period of last year 10 57

CHARLES BIGGS, *Observer*.

Month of August, 1919.

Latitude 12° 5' 2" N. Longitude 61° 45' 15" W. Height of Barometer Cistern above Mean Sea Level 509 feet. Height above Ground of Thermometers 5 feet, Hours of Ob-servation } 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 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.	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.	6 p.m.	during interval ending 9 a.m.	Rain. Amount during 24 hrs. beginning 9 a.m.	Estimated duration	Sunshine. Estimated Duration	Max. in Sun. Black bulb in vacuo	REMARKS.
°	in.	°	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.														ins.	hrs.	hrs.		
81.0	29.680	85.0	29.620	1	30.006	29.933	81.0	76.0	80.0	76.0	85.0	77.0	5.0	4.0	.802	.820	76.0	80.0	C. 37	C. 43	4	8	C.I.-C.U.	C.I.-C.U.	E	—	b c	c	b	0.12	¼	10	131.0	Bright warm day.
80.0	29.640	90.0	29.570	2	29.967	29.868	82.0	77.0	84.0	76.0	89.0	76.0	5.0	8.0	.742	.751	68.0	64.0	E. 48	E. 45	6	—	C.I.-C.U.	—	—	—	c	b	b	0.42	½	10	140.0	Very warm day
80.0	29.620	88.0	29.560	3	29.949	29.865	80.0	77.0	83.0	76.0	86.0	75.0	3.0	7.0	.867	.766	85.0	68.0	E. 26	E. 49	8	2	N.	C.U.	E	E	c	b c	b	0.24	¼	10	134.0	”
81.0	29.620	85.0	29.570	4	29.944	29.880	82.0	78.0	81.0	76.0	86.0	76.0	4.0	5.0	.785	.802	72.0	76.0	E. 70	E. 53	6	6	C.U.	C.I.S.	E	E	c	c	b	0.00	—	10	134.[illegible]	”
80.0	29.630	85.0	29.554	5	29.956	29.859	83.0	76.0	83.0	74.0	88.0	76.0	7.0	9.0	.766	.684	68.0	60.0	C. 29	C. 43	2	—	C.U.	—	E	—	b c	b	b	0.05	¼	10	136.[illegible]	”
80.0	29.630	88.0	29.580	6	29.949	29.886	80.0	76.0	82.0	76.0	87.0	76.0	4.0	6.0	.820	.785	80.0	72.0	E. 32	E. 43	8	2	N.	C.U.	E	E	c	b c	b	0.05	¼	10	133.0	”
80.0	29.610	88.0	29.560	7	29.936	29.866	83.0	76.0	82.0	74.0	89.0	76.0	7.0	8.0	.766	.701	68.0	64.0	E. 41	E. 40	2	—	C.U.	—	E	—	b c	b	b	0.42	2¼	10	136.0	”
77.0	29.590	81.0	29.560	8	29.934	29.888	73.0	72.0	78.0	75.0	81.0	72.0	1.0	3.0	.766	.810	94.0	84.0	C. 30	E. 52	10	8	N.	N.	—	E	r	r	c	0.10	2	1	112.0	O/cast with light rains.
80.0	29.640	81.0	29.554	9	29.868	29.882	81.0	77.0	78.0	75.0	88.0	72.0	4.0	3.0	.849	.810	80.0	84.0	E. 57	E. 44	6	8	N.	N.	E	E	r	c	c	1.31	1½	8	134.0	”
76.0	29.620	77.0	29.580	10	29.994	29.923	76.0	75.0	74.0	73.0	81.0	72.0	1.0	1.0	.848	.793	94.0	94.0	C. 75	C. 45	10	10	N.	N.	E	—	o	o	o	1.75	3	1	120.0	Thunder storm 7 p.m.
81.0	29.654	83.0	29.590	11	29.978	29.911	82.0	78.0	80.0	75.0	86.0	72.0	4.0	5.0	.742	.775	68.0	75.0	E. 100	E. 74	8	2	N.	C.U.	E	E	c	b c	b	0.00	—	10	132.0	Bright warm day.
81.0	29.594	79.0	29.536	12	29.939	29.872	83.0	74.0	75.0	73.0	85.0	77.0	9.0	2.0	.684	.774	60.0	89.0	E. 80	C. 83	—	10	—	N.	—	—	b	o	o	0.07	¼	10	135.0	”
80.0	29.640	86.0	29.649	13	29.968	29.953	81.0	77.0	82.0	76.0	51.0	75.0	4.0	6.0	.849	.785	80.0	72.0	E. 95	C. 45	8	6	C.I.-C.U.	C.I.-C.U.	E	—	c	c	o	0.07	¼	10	134.0	”
80.0	20.670	89.0	29.630	14	30.056	29.931	83.0	77.0	83.0	77.0	88.0	76.0	6.0	6.0	.810	.810	72.0	72.0	E. 110	E. 41	2	—	N.	—	E	—	r	b	b	0.11	¼	10	135.0	”
81.0	29.680	85.0	29.610	15	30.005	29.924	81.0	78.0	81.0	76.0	86.0	77.0	3.0	5.0	.897	.802	85.0	76.0	E. 32	E. 53	6	4	N.	C.I.-C.U.	E	—	c	b c	b	0.27	¼	10	134.0	”
81.0	29.680	76.0	29.610	16	30.002	29.935	83.0	77.0	73.0	71.0	83.0	77.0	6.0	2.0	.810	.722	72.0	89.0	E. 57	E. 72	2	10	C.U.	N.	E	E	b c	r	c	0.60	1½	2	132.0	Thunder storm 1 to 3 p.m.
80.0	29.720	86.0	29.640	17	30.048	29.954	80.0	77.0	82.0	77.0	83.0	70.0	3.0	5.0	.867	.830	85.0	76.0	E. 60	C. 43	2	—	N.	—	E	—	b c	b	c	1.55	2	4	132.0	Heavy rains a.m.
79.0	29.720	84.0	29.660	18	30.053	29.982	77.0	76.0	76.0	76.0	83.0	74.0	1.0	—	.877	.857	94.0	100	C. 82	C. 44	8	4	N.	N.	E	E	c	b c	c	1.40	2	3	132.0	” T/der and L/ing.
77.0	29.740	81.0	29.680	19	30.082	29.987	74.0	73.0	79.0	74.0	81.0	71.0	1.0	5.0	.793	.749	94.0	75.0	C. 29	E. 41	8	—	N.	—	—	—	c	b	b c	0.12	¼	6	118.0	O/cast and cloudy at intervals.
80.0	29.706	85.0	29.620	20	30.031	29.932	81.0	77.0	83.0	78.0	87.0	73.0	4.0	5.0	.849	.856	80.0	76.0	E. 39	C. 23	2	2	C.U.	C.U.	E	E	b c	b c	b c	0.09	¼	8	133.0	Very warm and sultry.
80.0	29.640	85.0	29.560	21	29.966	29.873	82.0	78.0	82.0	76.0	87.0	75.0	4.0	6.0	.877	.785	80.0	72.0	E. 14	C. 16	2	2	C.U.	C.I.	E	—	b c	b c	b	0.04	¼	10	136.0	”
81.0	29.630	85.0	29.560	22	29.953	29.875	83.0	76.0	80.0	75.0	88.0	75.0	7.0	5.0	.766	.775	68.0	75.0	E. 26	E. 29	—	2	—	C.I.	—	—	b	b c	b	3.20	8	10	135.0	Severe T/der storm, and heavy rains.
74.0	29.610	78.0	29.510	23	29.967	29.849	68.0	68.0	77.0	74.0	82.0	69.0	—	3.0	.654	.783	100	84.0	E. 90	N.E. 52	10	10	N.	N.	E	NE	r	r	o	0.38	4	—	125.0	Heat oppressive, T/der and L/ing.
79.0	29.610	83.0	29.560	24	29.939	29.880	82.0	78.0	81.0	77.0	88.0	69.0	4.0	4.0	.877	.849	80.0	80.0	C. 75	C. 18	8	8	C.I.S.	C.I.S.	E	—	c	c	o	0.43	1	4	139.0	”
79.0	29.586	80.0	29.540	25	29.918	29.868	79.0	78.0	81.0	78.0	85.0	73.0	1.0	3.0	.937	.897	95.0	85.0	C. 22	C. 15	8	10	C.I.-C.U.	C.I.-C.U.	E	E	c	o	c	0.08	¼	6	137.0	”
80.0	29.602	81.0	29.540	26	29.935	29.866	80.0	77.0	80.0	75.0	84.0	75.0	3.0	5.0	.867	.775	85.0	75.0	C. 88	E. 50	8	8	N.	C.I.-C.U.	E	E	c	c	b c	0.02	¼	6	132.0	”
80.0	29.560	80.0	29.514	27	29.899	29.847	80.0	75.0	76.0	74.0	80.0	75.0	5.0	2.0	.775	.801	75.0	89.0	E. 31	E. 91	8	8	N.	N.	E	E	c	o	b c	1.55	2	4	108.0	O/cast at intervals.
80.0	29.580	85.0	29.540	28	29.911	29.854	78.0	75.0	81.0	76.0	84.0	72.0	3.0	5.0	.810	.802	84.0	76.0	C. 52	N.E. 58	8	—	N.	—	E	—	c	b	b	0.04	¼	8	133.0	”
80.0	29.620	84.0	29.570	29	29.946	29.888	83.0	76.0	80.0	75.0	87.0	76.0	7.0	5.0	.766	.775	68.0	75.0	E. 83	C. 46	—	—	—	—	—	—	b	b	b	0.00	—	10	138.0	Very warm day.
81.0	29.610	85.0	29.550	30	29.924	29.865	82.0	76.0	80.0	75.0	83.0	76.0	6.0	5.0	.785	.775	72.0	75.0	E. 43	C. 53	2	—	C.U.	—	E	—	b c	b	b	0.34	1	10	130.0	” T/der and L/ing.
80.0	29.590	83.0	29.550	31	29.917	29.869	82.0	78.0	82.0	78.0	84.0	72.6	4.0	4.0	.877	.877	80.0	75.0	E. 41	C. 36	8	8	C.I.S.	N.	E	E	c	c	b c	0.18	¼	6	134.0	”
																							—	—	—	—		—	—	15.10				
80.0	29.604	84.0	29.579		29.963	29.898	80.0	76.0	80.0	77.0	85.0	74.0	4.0	5.0	.813	.794	80.0	78.0	E. 52	E. 46	5.0	4.0	—	—	—	—		—	—	28 Days	35	7	132.0	

Summaries.

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
28	0	0	10	17	14		

Wind— No. of Observations of

	Forces 4-7	Calm.	N.	NE.	E.	SE.	S.	SW.	W.	NW.
—9 a.m.		0	0	0	22	0	0	0	0	0
—6 p.m.		15	0	2	14	0	0	0	0	0

Highest corrected Reading of Barometer—30.056 on 14th
Lowest " " " —29.847 on 27th
Greatest Daily Rainfall — — 3.20 on 22nd
No. of days with Rainfall 0.04 in or more— 27
No. of Days of Temperature on Grass below

Extremes.

Highest Temperature in Shade (Ab. max.)—[illegible] on 2nd
Lowest " — 69.0 on 23rd
Lowest Daily Maximum —108.0 on 27th
Highest Daily Minimum —140.0 on 2nd
Lowest Temperature on Grass

	Inches	Parts
Total Rainfall from 1st to 31st August, 1919.	15	10
" for the corresponding period of last year	6	55

CHARLES BIGGS, *Observer.*

Month of September, 1919.

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. 9th. II.—6 p.m. 18th. Hour of reading & setting max. & min. Thermometer
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.	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.	Weather 6 p.m.	Weather during interval ended 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.		
80.0	29.570	88.0	29.510	1	29.897	29.816	82.0	77.0	82.0	76.0	85.0	76.0	5.0	6.0	.830	.785	76.0	72.0	E.	57 C.	51	4	8	C.U.	N.	E	E	b c	c	b c	0.09	¼	6	133.0	Heat oppressive.
80.0	29.560	85.0	29.510	2	29.837	29.822	82.0	77.0	83.0	78.0	88.0	75.0	5.0	5.0	.830	.856	76.0	76.0	C.	12 C.	29	4	10	C.I.-C.U.	A-S.	E	—	b c	o	b c	0.00	—	8	136.0	„
82.0	29.570	86.0	29.530	3	29.836	29.841	83.0	77.0	82.0	77.0	86.0	77.0	6.0	5.0	.810	.830	72.0	76.0	SE.	105 E.	66	4	2	C.U.	C.I.	SE	—	b c	b c	b	0.85	1	10	135.0	„
77.0	29.544	87.0	29.510	4	29.833	29.817	75.0	75.0	83.0	77.0	85.0	74.0	—	6.0	.868	.810	100	72.0	SE.	52 E.	41	10	6	N.	C.I.S.	SE	E	o	c	b c	0.05	¼	6	135.0	O/cast a.m., light showers.
81.0	29.560	83.0	29.520	5	29.833	29.825	83.0	78.0	83.0	78.0	87.0	76.0	5.0	5.0	.856	.810	76.0	72.0	C.	32 C.	36	6	2	C.U.	C.I.-C.U.	—	—	c	b c	b c	0.44	¼	8	135.0	„ at intervals.
80.0	29.570	84.0	29.520	6	29.819	29.830	80.0	78.0	79.0	77.0	85.0	76.0	2.0	2.0	.916	.887	90.0	90.0	C.	48 C.	48	2	—	C.U.	—	E	—	b c	b	b	0.28	½	8	135.0	„
80.0	29.560	87.0	29.480	7	29.891	29.787	73.0	76.0	83.0	78.0	86.0	76.0	2.0	5.0	.857	.856	89.0	76.0	C.	31 C.	43	8	4	N.	A.C.U.	—	—	c	b c	b c	0.41	½	6	135.0	„
81.0	29.536	86.0	29.452	8	29.851	29.765	81.0	78.0	81.0	76.0	86.0	76.0	3.0	5.0	.897	.802	85.0	76.0	E.	50 E.	45	4	2	N.	C.U.	E	E	b c	b c	b c	0.29	¼	6	135.0	„
79.0	29.502	86.0	29.464	9	29.333	29.777	80.0	77.0	81.0	76.0	84.0	74.0	3.0	5.0	.867	.802	85.0	76.0	SE.	81 C.	69	4	6	N.	C.I.	SE	—	b c	c	b	0.09	¼	10	132.0	Very warm day
81.0	29.560	87.0	29.486	10	29.833	29.787	83.0	77.0	83.0	77.0	88.0	75.0	5.0	6.0	.810	.810	76.0	72.0	E.	39 C.	34	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	134.0	Heat oppressive.
81.0	29.530	88.0	29.492	11	29.852	29.793	84.0	87.0	82.0	75.0	86.0	76.0	7.0	7.0	.710	.742	60.0	68.0	C.	16 E.	49	2	—	C.U.	—	E	—	b c	b	b	0.33	½	10	133.0	„
79.0	29.554	87.0	29.470	12	29.836	29.788	79.0	77.0	82.0	75.0	87.0	74.0	2.0	7.0	.887	.742	90.0	63.0	E.	35 E.	36	8	—	N.	—	E	—	r	b	b	0.00	—	10	135.0	„ T/der storm a.m.
81.0	29.540	87.0	29.590	13	29.834	29.803	82.0	77.0	82.0	77.0	86.0	76.0	5.0	5.0	.839	.830	76.0	76.0	E.	23 C.	50	4	2	C.U.	N.	E	E	b c	b c	b	0.18	¼	10	133.0	„
81.0	29.556	85.0	29.480	14	29.876	29.793	82.0	73.0	83.0	78.0	87.0	76.0	4.0	5.0	.877	.856	80.0	76.0	E.	29 C.	49	8	6	C.I.S.	C.I.S.	E	—	o	c	b c	1.70	2	8	136.0	„
77.0	29.560	77.0	29.430	15	29.904	29.823	73.0	73.0	74.0	74.0	77.0	73.0	—	—	.812	.840	100	100	E.	25 C.	49	10	10	N.	N.	E	—	r	o	c	2.40	6	2	88.0	O/cast and cloudy, heavy rains.
77.0	29.570	79.0	29.560	16	29.912	29.893	75.0	74.0	73.0	72.0	83.0	72.0	1.0	1.0	.820	.765	94.0	94.0	E.	46 E.	45	10	10	N.	N.	E	E	o	o	b c	0.10	¼	8	137.0	Thunder storm a.m.
80.0	29.640	85.0	29.560	17	29.937	29.875	82.0	77.0	80.0	76.0	85.0	73.0	5.0	4.0	.830	.829	76.0	80.0	SE.	31 C.	63	—	—	—	—	—	—	b	b	b	0.00	—	10	135.0	Bright warm day.
81.0	29.640	88.0	29.570	18	29.954	29.876	82.0	78.0	82.0	77.0	85.0	76.0	4.0	5.0	.785	.839	72.0	76.0	SE.	47 SE.	72	2	—	C.U.	—	SE	—	b c	b	b	0.15	½	10	132.0	„
81.0	29.636	85.0	29.560	19	29.951	29.874	81.0	73.0	81.0	76.0	86.0	76.0	3.0	5.0	.897	.804	85.0	76.0	C.	21 E.	29	4	8	C.U.	C.I.S.	—	—	b c	c	b	0.76	1	8	138.0	O/cast at intervals.
79.0	29.580	81.0	29.520	20	29.912	29.847	79.0	76.0	79.0	74.0	83.0	76.0	3.0	5.0	.839	.749	85.0	75.0	C.	53 E.	49	10	8	N.	C.I.S.	—	—	o	c	b c	0.58	½	6	135.0	„
79.0	29.570	82.0	29.580	21	29.905	29.851	78.0	78.0	79.0	76.0	83.0	[illegible]	—	3.0	.958	.839	100	85.0	C.	37 SE.	36	10	8	N.	C.U.N.	E	E	o	c	b c	0.06	¼	8	128.0	Thunder storm a.m.
80.0	29.604	79.0	29.530	22	29.932	29.845	81.0	78.0	76.0	75.0	82.0	76.0	3.0	1.0	.897	.848	85.0	94.0	C.	88 E.	68	10	10	C.U.N.	N.	—	—	o	o	c	1.08	2	4	120.0	„ Heavy rains
80.0	29.612	83.0	29.560	23	29.933	29.981	82.0	77.0	80.0	76.0	84.0	72.0	5.0	4.0	.830	.820	76.0	80.0	E.	56 C.	78	6	4	C.I.-C.U.	C.I.-C.U.	E	—	c	b c	b	0.00	—	8	133.0	Bright warm day.
80.0	29.643	83.0	29.540	24	29.974	29.852	83.0	75.0	79.0	75.0	85.0	75.0	7.0	4.0	.763	.793	68.0	80.0	E.	40 C.	58	—	4	—	C.I.-C.U.	—	—	b	b c	b	0.58	1	8	133.0	„
80.0	29.604	86.0	29.450	25	29.935	29.762	78.0	76.0	82.0	76.0	85.0	73.0	2.0	6.0	.857	.785	89.0	72.0	E.	56 C.	65	6	—	N.	—	E	—	c	b	b	0.00	—	10	132.0	„
80.0	29.610	85.0	29.570	26	29.936	29.885	83.0	77.0	80.0	75.0	86.0	76.0	6.0	5.0	.810	.775	72.0	75.0	E.	44 C.	72	—	—	—	—	—	—	b	b	b	0.12	¼	10	133.0	Very warm day.
80.0	29.626	86.0	29.570	27	29.954	29.851	81.0	77.0	82.0	77.0	85.0	76.0	4.0	5.0	.849	.830	80.0	76.0	E.	75 E.	60	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	135.0	„
80.0	29.590	86.0	29.502	28	29.997	29.814	82.0	74.0	81.0	75.0	87.0	76.0	8.0	6.0	.701	.757	64.0	72.0	E.	39 C.	32	—	—	—	—	—	—	b	b	b	0.03	¼	10	131.0	„
81.0	29.590	87.0	29.540	29	29.915	29.849	81.0	77.0	81.0	76.0	86.0	76.0	4.0	5.0	.849	.802	80.0	76.0	SE.	34 C.	55	6	4	C.U.	C.I.	SE	—	c	b c	b	0.43	1	10	132.0	„
80.0	29.620	85.0	29.560	30	29.949	29.871	80.0	77.0	81.0	77.0	86.0	77.0	3.0	4.0	.867	.849	85.0	80.0	SE.	53 SE.	42	10	8	N.	C.I.	SE	—	o	c	b c			10	136.0	„
																								—	—	—	—	—	—	—	11.05				
80.0	29.580	85.0	29.518		29.908	29.829	80.0	77.0	81.0	76.0	85.0	75.0	4.0	4.0	.840	.810	78.0	78.0	E.	45 E.	50	5.0	4.0	—	—	—	—	—	—	—	22 Days	19½	8.0	133.0	

Summaries

Weather—No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
22	0	0	4	17	13		

Wind—No. of Observation of

Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	W,	NW.	
	9	0	0	14	7	0	0	0	0	—9 a.m.
	17	0	0	10	3	0	0	0	0	—6 p.m.

Highest corrected Reading of Barometer—29.974 on 24th
Lowest „ „ „ —29.762 on 25th
Greatest Daily Rainfall — — 2.40 on 15th
No. of days with Rainfall 0.04 in or more— 22
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—88.0 on 2nd
Lowest „ — 72.0 on 16th
Lowest Daily Maximum — 88.0 on 15th
Highest Daily Minimum —138.0 on 19th
Lowest Temperature on Grass

		Inches	Parts.
Total Rainfall from 1st to 30th September, 1919.	... ...	11	05
for the corresponding period of last year	... ...	9	80

CHARLES RIGGS. *Observer*

Month of October, 1919.

Latitude 12° 5' 2" N. Longitude 61° 45' 55" W. Height of Barometer Cistern above Mean Sea Level 609 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 } 6 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 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.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	6 a.m. Max.	6 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.	Wind 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 Max. in Sun. Black bulb in vacuo.	REMARKS.
°	in.	°	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.														ins.	hrs.	hrs.		
80.0	29.620	86.0	29.594	1	29.947	29.906	82.0	76.0	81.0	76.0	85.0	76.0	6.0	5.0	.785	.802	72.0	76.0	E. 42	E. 61	2	4	C.U.	N.	E	E	b c	b c	b	0.00	—	10	132.0	Heat oppressive.
80.0	29.640	85.0	29.580	2	29.967	29.904	82.0	77.0	81.0	77.0	90.0	75.0	5.0	4.0	.830	.849	76.0	80.0	C. 19	C. 35	4	2	C.I.	C.U.N.	—	—	b c	b c	b	0.00	—	10	141.0	„
81.0	29.634	88.0	29.560	3	29.957	29.865	83.0	77.0	83.0	76.0	87.0	76.0	6.0	6.0	.810	.766	72.0	68.0	E. 34	E. 49	—	—	—	—	—	—	b	b	b	0.00	—	10	137.0	„
81.0	29.592	87.0	29.536	4	29.917	29.844	82.0	76.0	82.0	76.0	87.0	76.0	6.0	6.0	.785	.785	72.0	72.0	SE. 28	C. 59	2	—	C.U.	—	SE	—	b c	b	b	0.00	—	10	133.0	„
82.0	29.590	84.0	29.540	5	29.909	29.859	84.0	77.0	79.0	76.0	88.0	77.0	7.0	3.0	.794	.839	68.0	85.0	E. 26	C. 50	2	—	C.U.	—	E	—	b c	b	b	0.08		10	135.0	„
81.0	29.630	87.0	29.554	6	29.954	29.857	84.0	77.0	87.0	75.0	89.0	76.0	7.0	8.0	.794	.699	68.0	52.0	SE. 11	C. 34	2	—	C.U.	—	SE	—	b c	b	b	0.03	¼	10	141.0	„
80.0	29.580	86.0	29.470	7	29.996	29.783	83.0	78.0	81.0	75.0	88.0	76.0	5.0	6.0	.856	.757	76.0	72.0	C. 10	C. 27	4	—	C.T.	—	E	—	b c	b	b	0.00	—	10	141.0	„
80.0	29.540	86.0	29.510	8	29.868	29.824	81.0	76.0	79.0	75.0	88.0	75.0	5.0	4.0	.862	.793	76.0	80.0	E. 50	E. 54	8	6	C.I.S.	C.U.N.	E	E	c	c	b	0.00	—	10	133.0	„ [the night
81.0	29.580	84.0	29.520	9	29.902	29.838	84.0	77.0	80.0	76.0	86.0	75.0	7.0	4.0	.794	.820	68.0	80.0	E. 96	C. 54	—	—	—	—	—	—	b	b	b	0.73	1	10	134.0	„ T/der storm during
80.0	29.560	85.0	29.510	10	29.888	29.825	81.0	78.0	80.0	76.0	85.0	72.0	3.0	4.0	.897	.820	85.0	80.0	E. 62	C. 53	2	—	N.	—	E	—	b c	b	b	0.09	—	10	133.0	„
82.0	29.554	86.0	29.482	11	29.875	29.794	82.0	77.0	80.0	76.0	86.0	76.0	5.0	4.0	.830	.820	76.0	80.0	E. 42	E. 76	2	6	A.C.U.	C.I.S.	E	E	b c	c	b	0.00	—	10	133.0	„
82.0	29.540	87.0	29.470	12	29.850	29.777	81.0	78.0	83.0	77.0	88.0	77.0	6.0	6.0	.840	.810	72.0	72.0	E. 75	E. 55	2	4	C.U.	C.I.-C.U.	E	—	b c	b c	b	0.00	—	10	141.0	„
82.0	29.516	86.0	29.492	13	29.837	29.805	82.0	77.0	81.0	76.0	86.0	77.0	5.0	5.0	.830	.802	76.0	76.0	SE. 27	C. 77	8	—	C.I.-C.U.	—	—	—	c	b	b	0.00	—	10	137.0	„ [the night.
82.0	29.576	84.0	29.530	14	29.8[illegible]5	29.846	84.0	77.0	82.0	78.0	87.0	77.0	7.0	4.0	.794	.877	68.0	80.0	E. 30	C. 68	4	8	C.U.	C.I.S.	E	—	b c	c	b	0.25	½	10	135.0	„ T/der storm during
81.0	29.620	82.0	29.530	15	29.944	29.855	82.0	80.0	78.0	74.0	84.0	75.0	2.0	4.0	.978	.765	90.0	79.0	C. 16	C. 32	8	—	N.	—	E	—	c	b	b c	1.26	3	4	132.0	T/der storm 10 a.m., Heavy rains.
79.0	29.580	80.0	29.520	16	29.913	29.850	78.0	75.0	79.0	75.0	84.0	73.0	3.0	4.0	.810	.793	84.0	80.0	E. 16	C. 24	10	10	N.	N.	E	—	r	o	b c	0.24	½	6	133.0	O/cast at intervals.
81.0	29.582	86.0	29.530	17	29.906	29.842	82.0	76.0	81.0	77.0	86.0	76.0	6.0	4.0	.785	.849	72.0	80.0	SE. 50	E. 42	—	—	—	—	—	—	b	b	b	0.12	¼	10	133.0	Very warm day
82.0	29.580	85.0	29.620	18	29.959	29.833	84.0	77.0	82.0	78.0	87.0	76.0	7.0	4.0	.794	.877	68.0	80.0	E. 53	E. 49	—	4	—	N.	—	E	b	b c	b c	1.30	1½	10	138.0	„
77.0	29.600	82.0	29.520	19	29.916	29.844	73.0	73.0	79.0	76.0	54.0	74.0	—	3.0	.812	.839	100	85.0	C. 56	C. 40	8	6	N.	N.	E	—	c	c	b c	0.30	½	6	137.0	O/cast at intervals.
81.0	29.590	82.0	29.520	20	29.914	29.814	82.0	77.0	79.0	75.0	65.0	74.0	5.0	4.0	.830	.793	76.0	80.0	E. 42	SE. 48	4	6	N.	A.C.U.	E	SE	b c	c	b c	0.92	1¼	6	137.0	„
81.0	29.610	84.0	29.510	21	29.934	29.828	82.0	78.0	80.0	76.0	86.0	74.0	4.0	4.0	.877	.820	80.0	80.0	C. 48	E. 41	8	4	C.I.-C.U.	C.I.-C.U.	—	E	c	b c	b	0.15	½	10	135.0	Very warm day.
81.0	29.630	85.0	29.580	22	29.953	29.894	83.0	77.0	81.0	74.0	86.0	77.0	6.0	7.0	.810	.715	72.0	68.0	C. 50	C. 60	2	6	C.U.	N.	E	—	b c	c	b c	0.82	1	6	135.0	„
80.0	29.630	84.0	29.570	23	29.930	29.888	79.0	76.0	80.0	75.0	86.0	75.0	3.0	5.0	.839	.775	85.0	75.0	C. 59	E. 37	8	—	N.	—	E	—	c	b	b	0.00	—	10	136.0	„ [night.
81.0	29.600	85.0	29.482	24	29.923	29.736	83.0	77.0	80.0	75.0	86.0	76.0	6.0	5.0	.810	.775	72.0	75.0	C. 30	C. 32	6	—	C.U.	—	E	—	c	b	b	1.00	1	10	135.9	„ Rain during the
80.0	29.544	82.0	29.490	25	29.872	29.805	81.0	75.0	79.0	74.0	83.0	73.0	6.0	5.0	.757	.749	72.0	75.0	E. 43	C. 41	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	O/cast at intervals, light showers.
81.0	29.570	83.0	29.530	26	29.893	29.522	83.0	76.0	79.0	75.0	85.0	75.0	7.0	4.0	.766	.793	68.0	80.0	E. 51	E. 49	8	4	C.I.S.	C.U.	—	E	c	b c	b c	0.45	¼	6	132.0	Very warm day.
77.0	29.558	80.0	29.492	27	29.902	29.824	73.0	72.0	77.0	74.0	85.0	72.0	1.0	3.0	.766	.733	94.0	84.0	E. 39	E. 38	10	6	N.	A.C.U	E	—	r	c	b	0.07	¼	10	137.0	„
80.0	29.560	84.0	29.510	28	29.886	29.827	83.0	76.0	81.0	75.0	85.0	72.0	7.0	6.0	.766	.757	68.0	72.0	C. 35	C. 43	2	6	C.I.-C.U.	C.I.S.	—	—	b c	c	b	0.10	¼	10	135.0	„ [night.
82.0	29.610	84.0	29.520	29	29.935	29.838	84.0	77.0	80.0	75.0	86.0	75.0	7.0	5.0	.794	.775	68.0	75.0	E. 49	E. 41	2	2	C.U.	N.	E	E	b c	b c	b	1.07	¼	10	137.0	„ Rain during the
78.0	29.580	81.0	29.510	30	29.915	29.829	79.0	74.0	79.0	74.0	84.0	75.0	5.0	5.0	.749	.749	75.0	75.0	C. 50	E. 40	8	6	C.I.S.	C.I.S.	—	—	c	c	b	1.02	1	10	137.0	„
81.0	29.560	80.0	29.510	31	29.888	29.842	81.0	77.0	77.0	74.0	83.0	73.0	4.0	3.0	.849	.783	80.0	84.0	C. 43	C. 34	8	6	N.	C.I.-C.U.	E	—	c	c	b c	0.19	¼	8	131.0	„
																							—	—	—	—		—	—	9.01				
80.0	29.586	85.0	29.521		29.913	29.833	82.0	76.0	80.0	75.0	86.0	75.0	5.0	5.0	.814	.794	76.0	77.0	E. 42	E. 46	4.0	3.0	—	—	—	—		—	—	19 Days	14¼	9.0	136.0	

Summaries.

Weather—
No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
19	0	0	3	23	8	0	

Wind—
No. of Observation of

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	W,	NW.
—9 a.m.		12	0	0	15	4	0	0	0	0
—6 p.m.		17	0	0	13	1	0	0	0	0

Highest corrected Reading of Barometer—29.967 on 2nd
Lowest „ „ „ —29.777 on 12th
Greatest Daily Rainfall — — 1.30 on 18th
No. of days with Rainfall 0.04in or more— 17
No. of Days of Temperature on Grass below °

Extremes
Highest Temperature in Shade (Ab. max.)—90.0 on 2nd
Lowest „ — 72.0 on 10th
Lowest Daily Maximum —132.0 on 1st
Highest Daily Minimum —141.0 on 2nd
Lowest Temperature on Grass

	Inches	Parts
Total Rainfall from 1st to 31st October, 1919. ...	9	10
for the corresponding period of last year ...	11	76

CHARLES RIGGS, *Observer*

Month of November, 1919.

Meteorological Observations taken at Richmond Hill, Grenada, during November, 1919.

Latitude 12° 5' 2" N., Longitude 61° 45' 55" W. Height of Barometer Cistern above Mean Sea Level 609 feet. Height above Ground of Thermometers 5 feet. Height of Rain Gauge above Mean Sea Level 607 feet. Height of Rim of Rain Gauge above Ground 2 feet. Gravity Correction 070 inch. Standard of Time. Hours of Observation { I.—9 a.m. 9h. II.—6 p.m. 18h. Hour of reading & setting max. & min. Thermometer { 9 a.m.

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.) 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.	Wind 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.	Weather 6 p.m.	Weather during interval end'g at 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.		
79.0	29.590	85.0	29.520	1	29.891	29.841	80.0	76.0	80.0	75.0	85.0	75.0	4.0	5.0	.820	.775	80.0	75.0	C. 34	C. 38	8	8	N.	C.I.-C.U.	—	—	c	c	b c	0.80	1	6	135.0	O/cast at intervals.
79.0	29.594	79.0	29.520	2	29.927	29.856	78.0	75.0	75.0	72.0	83.0	72.0	3.0	3.0	.810	.731	84.0	84.0	E. 55	E. 59	6	8	C.I.S.	N.	E	E	c	c	b c	0.13	¼	6	137.0	"
79.0	29.594	84.0	29.540	3	29.926	29.869	79.0	76.0	80.0	76.0	85.0	74.0	3.0	4.0	.839	.820	85.0	80.0	SE. 50	C. 48	6	8	C.I.-C.U	C.I.-C.U.	—	—	c	c	b c	0.12	¼	6	133.0	"
80.0	29.610	83.0	29.520	4	29.937	29.841	82.0	76.0	80.0	76.0	86.0	75.0	6.0	4.0	.785	.820	72.0	80.0	E. 46	E. 37	6	6	N.	C.I.-C.U.	E	—	c	c	b	0.03	¼	10	134.0	Very warm day
80.0	29.588	83.0	29.520	5	29.909	29.841	82.0	75.0	80.0	75.0	89.0	75.0	7.0	5.0	.742	.775	68.0	75.0	C. 51	C. 15	4	8	C.I.-C.U.	C.I.S.	—	—	b c	c	b	0.07	¼	10	143.0	Heat oppressive.
77.0	29.579	85.0	29.480	6	29.911	29.796	76.0	73.0	80.0	74.0	87.0	74.0	3.0	6.0	.756	.732	84.0	71.0	C. 33	C. 28	6	—	N.	—	—	—	c	b	b	0.04	¼	10	138.0	"
80.0	29.592	80.0	29.490	7	29.830	29.822	81.0	77.0	77.0	75.0	85.0	75.0	4.0	2.0	.849	.829	80.0	89.0	E. 24	C. 31	6	10	A.C.U.	N.	—	—	c	o	b c	0.17	¼	8	133.0	O/cast at intervals.
79.0	29.540	78.0	29.470	8	29.871	29.812	80.0	75.0	73.0	72.0	87.0	75.0	5.0	1.0	.775	.766	75.0	94.0	C. 23	E. 42	8	10	C.I.-C.U.	N.	—	—	c	r	b c	0.38	1	6	138.0	"
78.0	29.510	85.0	29.470	9	29.843	29.786	78.0	76.0	80.0	76.0	85.0	72.0	2.0	4.0	.681	.820	71.0	80.0	E. 42	C. 45	8	—	C.I.-C.U.	—	—	—	c	b	b	0.00	—	10	132.0	Very warm day.
80.0	29.514	86.0	29.460	10	29.841	29.777	82.0	78.0	79.0	76.0	87.0	76.0	4.0	3.0	.877	.839	80.0	85.0	C. 18	E. 47	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	133.0	"
81.0	29.534	84.0	29.480	11	29.858	29.799	82.0	77.0	80.0	76.0	85.0	75.0	5.0	4.0	.830	.820	76.0	80.0	SE. 60	SE. 67	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	"
80.0	29.520	85.0	29.470	12	29.847	29.786	82.0	77.0	80.0	75.0	86.0	76.0	5.0	5.0	.830	.775	76.0	75.0	SE. 142	C 65	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	"
80.0	29.520	86.0	29.442	13	29.846	29.754	83.0	78.0	82.0	77.0	88.0	76.0	5.0	5.0	.856	.830	76.0	76.0	C. 13	E. 32	2	—	C.U.	—	—	—	b c	b	b	0.00	—	10	137.0	"
81.0	29.530	84.0	29.492	14	29.857	29.808	83.0	78.0	83.0	78.0	89.0	76.0	5.0	5.0	.856	.856	76.0	76.0	E. 34	C. 28	8	—	C.I.S.	—	—	—	c	b	b	0.10	¼	10	141.0	Heat oppressive.
81.0	29.580	85.0	29.510	15	29.903	29.824	83.0	78.0	81.0	76.0	86.0	77.0	5.0	5.0	.856	.802	76.0	76.0	C. 15	C. 36	4	2	C.U.	C.U.	E	—	b c	b c	b	0.10	¼	10	135.0	"
82.0	29.570	84.0	29.490	16	29.891	29.810	82.0	77.0	79.0	75.0	85.0	76.0	5.0	4.0	.830	.793	76.0	80.0	E. 50	C. 38	8	4	N.	N.	E	—	c	b c	b c	0.21	¼	8	132.0	"
80.0	29.540	85.0	29.440	17	29.867	29.756	82.0	75.0	80.0	74.0	87.0	75.0	7.0	6.0	.742	.732	68.0	71.0	E. 32	C. 51	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	"
82.0	29.512	82.0	29.470	18	29.882	29.795	83.0	75.0	79.0	76.0	85.0	76.0	8.0	3.0	.724	.839	64.0	85.0	E. 62	C. 56	—	8	—	C.I.-C.U.	—	—	b	c	b	0.34	¼	10	131.0	"
79.0	29.580	84.0	29.530	19	29.912	29.849	79.0	75.0	80.0	76.0	85.0	73.0	4.0	4.0	.793	.820	80.0	80.0	C. 64	SE. 64	8	—	N.	—	E	—	c	b	b	0.35	½	8	132.0	O/cast at intervals.
81.0	29.652	83.0	29.540	20	29.976	29.862	82.0	76.0	79.0	74.0	85.0	75.0	6.0	5.0	.785	.749	72.0	75.0	C. 75	E. 46	2	8	C.I.-C.U.	N.	—	E	b c	c	b c	0.28	¼	9	132.0	"
80.0	29.580	84.0	29.520	21	29.907	29.840	82.0	76.0	78.0	74.0	86.0	76.0	6.0	4.0	.785	.765	72.0	79.0	C. 58	C. 85	4	8	C.U.	N.	E	—	b c	c	b	0.58	¼	10	133.0	Very warm day.
79.0	29.530	80.0	29.460	22	29.861	29.793	80.0	77.0	76.0	75.0	82.0	72.0	3.0	1.0	.867	.848	85.0	94.0	E. 35	E. 26	8	10	N.	N.	E	—	c	o	b c	0.49	¼	6	130.0	Eclipse of the sun 10 a.m.
80.0	29.580	82.0	29.520	23	29.908	29.844	81.0	77.0	79.0	75.0	84.0	74.0	4.0	4.0	.849	.793	80.0	80.0	E. 49	C. 53	8	4	C.U.	N.	E	—	c	b c	b c	0.80	1	6	132.0	O/cast at intervals.
79.0	29.604	80.0	29.510	24	29.935	29.842	80.0	76.0	77.0	75.0	83.0	75.0	4.0	2.0	.820	.829	80.0	89.0	E. 54	C. 31	10	10	N.	N.	E	—	o	o	c	0.32	¼	6	129.0	"
76.0	29.580	80.0	29.490	25	29.028	29.812	74.0	73.0	77.0	75.0	83.0	72.0	1.0	2.0	.793	.829	94.0	89.0	E. 83	C. 29	10	10	N.	N.	E	—	r	o	c	1.10	1¼	6	131.0	T/der storm 7 p.m.
76.0	29.580	80.0	29.482	26	29.926	29.812	74.0	73.0	79.0	74.0	80.0	72.0	1.0	5.0	.793	.749	94.0	75.0	E. 80	E. 26	10	10	N.	N.	E	E	o	o	c	0.21	¼	2	110.0	" 3 a.m. Misty.
79.0	29.520	78.0	29.470	27	29.862	29.809	79.0	76.0	76.0	73.0	80.0	73.0	3.0	3.0	.839	.756	85.0	84.0	E. 87	C. 56	10	10	N.	N.	E	—	o	o	c	0.68	¼	4	115.0	O/cast at intervals "
79.0	29.530	84.0	29.460	28	29.861	29.779	80.0	76.0	80.0	76.0	84.0	73.0	4.0	4.0	.820	.820	80.0	80.0	C. 57	E. 64	8	2	N.	C.U.	E	E	c	b c	b c	0.23	¼	8	133.0	"
79.0	29.540	83.0	29.480	29	29.871	29.803	80.0	77.0	79.0	76.0	83.0	74.0	30	3.0	.867	.839	85.0	85.0	E. 42	C. 59	2	8	C.U.	N.	E	E	b ●	c	b	0.32	¼	8	129.0	"
79.0	29.544	83.0	29.510	30	29.875	29.832	80.0	77.0	79.0	75.0	83.0	73.0	30	4.0	.867	.793	85.0	80.0	E. 45	C. 37	8	8	C.I.S.	C.I.S.	E	E	o	●	b c	0.16	¼	8	131.0	"
																							—	—	—	—		—	—	7.96				
9.0	29.507	83.0	29.473		29.837	29.815	8.0	76.0	79.0	75.0	85.0	75.0	4.0	4.0	.811	.798	79.0	80.0	E. 50	E. 48	6.0	6.0	—	—	—	—		—	—	24 Days	12¾	8.0	133.0	

Summaries

Weather—
No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
24	0	0	2	15	15	0	

Wind—
No. of Observation

	Forces 4-7.	Calm,	N,	NE,	E,	SE,	S,	SW,	W,	NW.
—9 a.m.		12	0	0	15	3	0	0	0	0
—6 p.m.		20	0	0	8	2	0	0	0	0

Highest corrected Reading of Barometer—29.976 on 20th
Lowest " " " —29.754 on 18th
Greatest Daily Rainfall — — 1.10 on 25th
No. of days with Rainfall 0.04 in or more— 23
No. of Days of Temperature on Grass below •

Extremes

Highest Temperature in Shade (Ab. max.)—89.0 on 5th
Lowest " — 72.0 on 2nd
Lowest Daily Maximum —110.0 on 26th
Highest Daily Minimum —141.0 on 14th
Lowest Temperature on Grass

	Inches	Parts
Total Rainfall from 1st to 30th November, 1919.	7	96
for the corresponding period of last year	6	54

CHARLES RIGGS, *Observer*

Month of December, 1919.

Latitude 12° 5′ 2″ N. Longitude 61° 45′ 00″ W. Height of Barometer Cistern above Mean Sea Level 509 feet. Height above Ground of Thermometers 5 feet. Hours of Observation 9 a.m. & 6 p.m. Hour of Taking Setting max. & min. Thermometer 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.	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. Hours Black Bulb was above	REMARKS.
in.	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.														ins	hrs	hrs.	hrs.	
79.0	29.604	79.0	29.510	1	29.935	29.846	80.0	78.0	75.0	70.0	84.0	75.0	2.0	5.0	.916	.650	90.0	74.0	E. 59	E. 24	6	4	C.I.-C.U.	C.I.	E	—	c	b c	b c	0.59	1	4	135.0	O/cast at intervals, light rains.
79.0	29.580	80.0	29.490	2	29.912	29.823	79.0	76.0	76.0	74.0	84.0	73.0	3.0	2.0	.839	.801	85.0	80.0	C. 49	E. 33	8	10	N.	N.	E	—	c	r	c	0.26	½	6	135.0	"
79.0	29.570	83.0	29.530	3	29.901	29.863	80.0	73.0	78.0	72.0	85.0	74.0	3.0	6.0	.690	.681	67.0	71.0	E. 70	C. 39	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	135.0	Very warm day "
78.0	29.580	83.0	29.540	4	29.916	29.823	79.0	73.0	78.0	71.0	86.0	72.0	6.0	7.0	.707	.642	71.0	67.0	C. 19	E. 32	—	6	—	I.S.	—	E	b	c	b	0.00	—	10	135.0	"
80.0	29.620	83.0	29.540	5	29.947	29.862	82.0	76.0	79.0	74.0	86.0	75.0	6.0	5.0	.785	.749	72.0	75.0	C. 12	C. 37	2	—	C.I.-C.U.	—	—	—	b c	b	b	0.00	—	10	134.0	"
80.0	29.602	83.0	29.520	6	29.931	29.841	80.0	76.0	80.0	75.0	85.0	76.0	4.0	5.0	.820	.778	80.0	75.0	E. 53	E. 47	4	4	N.	N.	E	E	b c	b c	b	0.08	¼	10	135.0	"
80.0	29.580	79.0	29.520	7	29.909	29.853	80.0	75.0	78.0	75.0	84.0	76.0	5.0	3.0	.775	.810	75.0	84.0	NE. 62	E. 68	6	10	C.U.	N.	NE	E	c	c	b c	0.12	1	4	134.0	O/cast at intervals, light rains.
78.0	29.590	83.0	29.490	8	29.926	29.813	78.0	74.0	79.0	74.0	84.0	74.0	4.0	5.0	.765	.749	70.0	75.0	E. 112	C. 57	6	—	N.	—	E	—	c	b	b	0.06	¼	10	132.0	Very warm day.
78.0	29.560	80.0	29.502	9	29.894	29.833	80.0	73.0	78.0	70.0	84.0	74.0	7.0	8.0	.690	.605	67.0	63.0	E. 80	NW. 26	2	2	C.U.	C.U.N.	E	—	b c	b c	b	0.00	—	10	132.0	"
77.0	29.560	83.0	29.502	10	29.898	29.825	79.0	77.0	78.0	71.0	84.0	72.0	2.0	7.0	.887	.642	90.0	67.0	C. 6	C. 41	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	132.0	"
78.0	29.540	84.0	29.504	11	29.875	29.822	79.0	74.0	80.0	74.0	85.0	73.0	5.0	6.0	.749	.732	76.0	71.0	C. 13	C. 32	2	—	C.U.	—	—	—	b c	b	b	0.00	1	10	134.0	"
78.0	29.550	81.0	29.520	12	29.886	29.849	78.0	75.0	77.0	74.0	83.0	75.0	3.0	3.0	.810	.783	84.0	84.0	SE. 59	E. 52	6	8	C.I.-C.U.	N.	SE	E	c	c	b c	0.58	1	10	130.0	O/cast at intervals.
79.0	29.632	79.0	29.520	13	29.963	29.855	80.0	75.0	76.0	72.0	82.0	73.0	5.0	4.0	.775	.713	75.0	79.0	E. 119	E. 81	6	8	N.	N.	E	E	c	c	b	0.17	¼	8	130.0	" Fresh breeze.
80.0	29.630	81.0	29.570	14	29.958	29.897	81.0	74.0	79.0	73.0	83.0	74.0	7.0	4.0	.715	.707	68.0	71.0	E. 134	E. 78	6	6	C.U.	C.I.	E	E	c	c	b c	0.27	¼	8	133.0	" "
79.0	29.620	80.0	29.540	15	29.954	29.871	79.0	74.0	78.0	72.0	82.0	72.0	5.0	6.0	.749	.681	75.0	75.0	E. 104	E. 83	4	—	N.	—	E	—	b c	b	b	0.04	¼	10	137.0	" "
78.0	29.620	82.0	29.570	16	29.954	29.896	80.0	73.0	77.0	72.0	83.0	75.0	7.0	6.0	.690	.697	67.0	75.0	C. 94	E. 59	4	—	C.I.	—	—	—	b c	b	b	0.47	1	10	131.0	Bright warm day.
76.0	29.620	80.0	29.540	17	29.965	29.872	75.0	74.0	77.0	72.0	83.0	72.0	1.0	5.0	.820	.697	94.0	75.0	C. 47	C. 46	8	—	N.	—	—	—	c	b	b	0.00	—	10	135.0	"
79.0	29.620	82.0	29.570	18	29.951	29.895	80.0	74.0	78.0	72.0	84.0	74.0	6.0	6.0	.732	.681	71.0	71.0	C. 47	NE. 45	—	—	—	—	—	—	b	b	b	0.00	—	10	134.0	"
78.0	29.620	82.0	29.570	19	29.954	29.895	80.0	73.0	78.0	72.0	83.0	74.0	7.0	6.0	.690	.681	67.0	71.0	E. 42	E. 61	—	6	—	N.	—	E	b	c	b	0.05	¼	10	134.0	"
78.0	29.604	82.0	29.540	20	29.939	29.865	79.0	71.0	77.0	72.0	84.0	73.0	8.0	5.0	.628	.697	63.0	75.0	C. 52	E. 52	2	6	C.U.	N.	E	E	b c	c	b	0.15	¼	10	132.0	"
77.0	29.580	79.0	29.530	21	29.959	29.765	78.0	73.0	76.0	73.0	83.0	72.0	5.0	3.0	.722	.756	75.0	84.0	C. 45	E. 40	2	—	C.U.	—	E	—	b c	b	b c	0.45	1	6	133.0	O/cast at intervals, light rains.
77.0	29.604	82.0	29.540	22	29.948	29.865	78.0	73.0	78.0	72.0	83.0	72.0	5.0	6.0	.722	.681	75.0	71.0	E. 57	E. 14	4	2	N.	C.U.	E	E	b c	b c	b	0.00	—	10	133.0	Delightful weather.
78.0	29.630	82.0	29.550	23	29.965	29.875	79.0	74.0	78.0	72.0	84.0	73.0	5.0	6.0	.749	.681	75.0	71.0	E. 47	E. 37	—	—	—	—	—	—	b	b	b	0.00	—	10	131.0	"
77.0	29.620	82.0	29.540	24	29.960	29.865	77.0	73.0	78.0	73.0	84.0	72.0	4.0	5.0	.739	.722	79.0	75.0	C. 29	E. 37	8	—	N.	—	E	—	c	b	b	0.06	¼	10	131.0	"
77.0	29.620	83.0	29.580	25	29.957	29.881	80.0	72.0	78.0	71.0	85.0	70.0	6.0	7.0	.650	.642	63.0	67.0	E. 42	C. 91	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	132.0	"
76.0	29.630	85.0	29.570	26	29.984	29.885	80.0	73.0	80.0	73.0	84.0	73.0	7.0	7.0	.690	.690	67.0	67.0	C. 115	C. 39	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	132.0	"
78.0	29.660	82.0	29.570	27	29.994	29.895	80.0	74.0	78.0	73.0	83.0	74.0	6.0	5.0	.732	.722	71.0	75.0	E. 60	E. 52	—	—	—	—	—	—	b	b	b	0.16	¼	10	130.0	"
78.0	29.670	82.0	29.780	28	30.005	29.905	79.0	74.0	78.0	73.0	83.0	72.0	5.0	5.0	.749	.722	75.0	75.0	E. 88	C. 49	4	2	C.U.	C.U.	E	E	b c	b c	b	0.07	¼	10	131.0	"
77.0	29.700	80.0	29.620	29	30.039	29.952	77.0	73.0	77.0	72.0	83.0	73.0	4.0	5.0	.739	.697	79.0	75.0	SE. 71	E. 57	8	—	N.	—	SE	—	c	b	b	0.05	¼	10	134.0	"
77.0	29.686	77.0	29.58	30	30.030	29.923	73.0	71.0	74.0	73.0	82.0	72.0	.0	1.0	.722	.793	89.0	94.0	E. 48	SE. 30	10	8	N.	N.	E	SE	r	c	b c	0.65	1	4	134.0	O/cast at intervals, and showery.
78.0	29.660	81.0	29.580	31	29.995	29.909	79.0	73.0	77.0	72.0	82.0	72.0	.0	5.0	.707	.697	71.0	75.0	C. 50	E. 49	2	2	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	130.0	Bright warm day.
																							—	—	—	—		—	—	5.28				
78.0	29.614	80.0	29.542		29.949	29.833	79.0	74.0	78.0	73.0	81.1	72.0	5.0	5.0	.747	.709	77.0	75.0	E. 60	E. 47	4.0	3.0	—	—	—	—		—	—	19 Days	10½	9.0	133.0	

Summaries

Weather — No. of days of

Rain, Snow, Hail, Thunderstorm, Clear Sky, Overcast, Fog. Gales.
19 0 0 0 24 7 0

Wind — No. of Observations of

Forces 4-7. Calm, N, NE, E, SE, S. SW, W. NW.
13 0 1 15 2 0 0 0 0 — 9 a.m.
9 0 1 19 1 0 0 0 1 — 6 p.m.

Highest corrected Reading of Barometer — 30.039 on 29th
Lowest " " " — 29.705 on 21st
Greatest Daily Rainfall — 0.69 on 1st
No. of days with Rainfall 0.04 in or more — 19
No. of Days of Temperature on Grass below •

Extremes.

Highest Temperature in Shade (Abs. max.) — 86.0 on 5th
Lowest " — 70.0 on 25th
Lowest Daily Maximum — 1.30 on 12th
Highest Daily Minimum — 135.0 on 1st
Lowest Temperature on Grass

Total Rainfall from 1st to 31st December, 1919 ... Inches 5 Parts 28
for the corresponding period of last year ... 4 39

CHARLES RIGGS, *Observer*.

RAINFALL RETURNS FOR THE YEAR 1919.

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 ...	2·81	1·90	·64	·85	5·92	4·39	8·09	15·10	11·05	9·10	7·96	5·28	73·09	3·20	Aug. 22nd	217	
Samaritan ...	2·63	2·61	1·71	3·68	5·06	7·97	6·60	15·34	12·40	11·04	11·30	6·38	85·82	3·31	Sep. 15th	259	
Palmiste ...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	Returns incomplete.
Plaisance (Sauteurs) ...	5·20	3·56	1·87	2·90	6·96	7·54	7·57	16·77	14·24	10·87	16·50	9·25	103·23	4·65	Sep. 15th	262	
Belmont ...	1·49	2·42	1·14	1·57	2·46	5·99	5·14	14·04	12·36	9.91	11·96	7·53	76·01	4·40	„ 16th	194	
Belle Vue ...	2·92	3·26	1·63	3·26	5·55	6·99	9·53	17·18	15·36	8·69	15·98	9·39	99·74	4·60	„ 15th	239	
Carriere Works ...	...	...	...	...	2·37	5·09	4·03	11·51	11·59	8·43	9·03	5·10	...	...	...	...	Do. do.
Mt. Pleasant ...	4·14	3·58	3·47	5·07	7·56	8·47	11·20	20·64	20·72	8·92	13·82	10·05	117·64	5·52	Sep. 15th	232	
Dunfermline ...	1·41	1·89	·68	1·60	2·54	5·24	4·50	12·05	11·72	7·89	9·01	4·71	63·27	3·61	„ 14th	166	
Chantilly ...	3·88	3·65	3·15	4·16	5·80	8·65	8·23	21·25	15·10	...	...	10·04	...	...	...	...	Do. do.
Annandale ...	...	...	...	...	...	9·56	...	...	...	...	...	...	...	...	...	...	Do. do.
Grand Bacolet ...	1·85	2·61	1·84	·80	4·40	4·66	7·29	11·44	10·65	8·10	11·90	5·41	70·95	3·05	Sep. 15th	229	
Mt. Edgecombe ...	8·08	2·36	1·29	3.69	6·40	7·70	8·97	19·91	11·88	6·14	11·21	8·79	96·42	5·20	Jany. 3rd	223	
Montreuil ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Do. do.
Hope ...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	Do. do.
Plaisance (St. John's) ...	11·25	4·13	3·29	6·17	9·59	9·67	9·60	26.27	20·61	13·75	14·00	14·60	142.93	5·05	Sep. 15th	292	
Sauteurs ...	1·76	2·27	·65	1·70	2·61	3·46	5·2	9·72	8·58	6·86	11·80	5·18	59·79	2·37	„ 15th	179	
Waltham ...	9·33	1·66	1·49	2·41	3·98	7·32	...	...	...	...	...	...	...	...	...	...	Do. do.
Balthazar ...	1·84	2·02	2·22	1·99	3·63	6·67	7·57	17·00	15·69	8·38	12·91	8·19	88·11	4·42	Sep. 15th	205	
Tuileries ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Do. do.
Carriacou ...	1·21	1·08	·66	1·18	1·69	3·34	4·04	9·28	5·41	6·61	5·31	2·77	42·58	2·40	Aug. 8th	214	
Morne Fendue ...	...	2·15	·60	1·57	3·59	3·98	4·51	10·08	10·22	6·97	12·77	6·03	...	...	...	...	Do. do.
Mt. Nesbit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Do. do.
Point Saline Lighthouse	·55	·49	·57	·49	2·87	3·12	6·21	7·29	6·55	4·27	3·47	3·91	39·79	1·92	Aug. 10th	125	
Woodford ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Do. do.
Dougaldston ...	11·96	2·77	2·95	4.87	7·03	9·18	8·36	23·36	17·59	10·56	13·93	11·05	123·61	7·97	Jany. 4th	262	
Belvidere ...	7·99	4·57	4·44	7·49	9·86	11·51	12·56	33·40	20·82	12·02	12·92	10·87	148·45	5·83	Sep. 15th	266	
Les Avacots Wr. Works	4·48	3·93	2·32	3·27	8·67	7·37	9·78	23·40	20·63	11·88	15·11	10·30	121·14	7·22	„ 15th	224	
Bon Accord Works ...	4·96	4·60	1·45	4·65	8·33	7·61	9·47	18·67	18·33	9·95	14·05	11·15	113·22	5·45	„ 15th	211	
Grand Etang ...	6·22	4·21	3·97	8·29	10·13	10·21	12·66	21·90	22·16	9·85	...	14·29	...	...	„	...	Do. do.
Niangaufoix ...	2·89	3·59	3·15	3·89	5·14	9·61	8·87	20·58	17·86	9·97	14·10	9·56	109·21	5·12	Sep. 16th	251	
Maran ...	11·86	2·88	2·24	4·65	6·77	8·53	8·82	20·84	14·86	10·04	11·04	11·84	114·37	8·10	Jany. 4th	180	
Mt. Horne ...	1·81	2·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Do. do.
Marli (Lower Sauteurs)	1·72	2·09	·51	1.93	3·71	3·88	6·77	10·54	9·08	6·81	14·68	5·66	67·38	3·40	Novr. 6th	210	
Nonpariel ...	9·46	2·57	2·11	3·48	4·89	6·58	6·61	16·06	...	8·84	...	...	..	...	...	...	Do. do.
Lower Market (G'ville)	1·12	1·08	·66	1·01	1·43	3·42	5·47	10·08	8·51	5·09	8.39	3·09	49·35	4.42	Sep. 15th	70	
Mt Cassel ...	1·94	3·01	2·36	1·10	4·97	5·13	7·85	14·75	13·50	10·79	10·62	7·28	83·30	4·07	„ 15th	164	