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GRENADA.

METEOROLOGICAL REPORT FOR 1917.

RICHMOND HILL,
GRENADA,
3rd January, 1918.

Sir,—I have the honour to forward herewith the Annual Meteorological Return for the Richmond Hill Station for the year 1917.

The rainfall was 74.55 inches being 7.59 more than 1916 and 3 19 more than the average for the past three years.

The maximum temperature in the sun was 139 on several dates, and in the shade 91.0 on the 20th September.

The minimum in the shade was 68.0 on several dates.

I have attached the monthly rainfall of this Station for 26 years—1892-1917.

I have, etc.,

CHARLES RIGGS,
Met. Observer.

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

MONTHLY Rainfall of this Station for 26 years—1892-1917.

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	10.73	105.89
3	3.80	4.19	1.11	5.93	10.81	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	3.63	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	6.08	11.83	5.94	14.61	5.07	78.47
6	4.35	3.54	3.70	5.91	10.16	8 16	10.75	8.81	8.43	4.14	20.30	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	10.69	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	61.25
1900	3.58	4.31	1 94	2.38	7.51	6.90	8.81	7.45	4.79	5.23	4.44	6.16	63.45
1	5.93	1.38	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	1.08	1.63	2.08	2.81	9.18	12.02	15.12	7.08	5.63	7.85	4.80	70.15
3	5.09	2.27	2.48	0.65	1.42	8.73	10.09	14.59	9.51	9.11	2.56	12.49	78.89
4	5.62	3.13	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 2	11.64	5 42	8.73	12.23	5.06	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	5.31	6.65	2.90	8.36	10.62	8.64	14.32	7.05	10 39	9.44	5.74	94.15
1	6.00	2.77	0.36	1.67	3.41	19.36	5.52	7.93	7.86	3.15	5.86	5.04	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	3.90	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	66.96
7	3.73	2.89	2.95	0.17	2.12	6.83	17.86	10.58	6 89	7.92	6.54	7.08	74.55
Average	4.49	2.91	2.83	2.41	4.57	8.21	9.87	9.68	8.06	7.08	8.22	7.66	76.46

National Oceanic and Atmospheric Administration

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March 28, 2002

1917 [KK.—1.]

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

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour.		Relative Humidity.	
		Attached Therm.	Dry Bulb.	Wet Bulb.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	6 p.m.	9 a.m.	6 p.m.
						Min.	Max.	Min.	Date.	Max.	Date.				
January ...	29.986	76.0	76.0	71.0	5.0	70.0	81.0	69.0	1st	85.0	30th	.659	.654	73.0	74.0
February ...	30.029	75.0	76.0	70.0	6.0	70.0	82.0	68.0	24th	88.0	3rd	.634	.642	70.0	73.0
March ...	30.003	75.0	76.0	70.0	6.0	70.0	81.0	68.0	1st	85.0	7th	.645	.643	70.0	71.0
April ...	29.920	78.0	79.0	72.0	7.0	73.0	84.0	71.0	4th	88.0	27th	.698	.703	68.0	73.0
May ...	29.951	79.0	81.0	74.0	7.0	74.0	85.0	71.0	26th	89.0	18th	.728	.720	68.0	70.0
June ...	29.955	80.0	80.0	75.0	5.0	75.0	86.0	72.0	24th	88.0	5th	.770	.790	72.0	75.0
July ...	30.234	82.0	79.0	75.0	4.0	73.0	83.0	70.0	1st	86.0	2nd	.794	.797	84.0	78.0
August ...	29.949	79.0	80.0	76.0	4.0	75.0	85.0	71.0	5th	89.0	30th	.803	.790	77.0	78.0
September...	29.845	79.0	79.0	76.0	3.0	75.0	86.0	70.0	5th	91.0	20th	.609	.796	79.0	78.0
October ...	29.956	80.0	81.0	76.0	5.0	75.0	85.0	72.0	14th	89.0	12th	.818	.780	78.0	78.0
November ...	29.903	82.0	80.0	75.0	5.0	73.0	84.0	70.0	1st	88.0	9th	.773	.759	75.0	77.0
December ...	29.902	77.0	78.0	73.0	5.0	72.0	88.0	70.0	4th	86.0	18th	.732	.715	77.0	77.0
Means ...	29.938	78.0	79	74.0	5.16	74.0	84.0	70.1		87.6		.721	.732	74.2	75.18

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

Months.	Amount of Cloud.		Rainfall.			Weather. No. of days of					Wind. No. of Observations of								
	9 a.m.	6 p.m.	Total	Max.	Date	Rain	Snow Hail.	Thunder Storms.	Clear sky.	Overcast	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January ...	4.0	2.0	3.73	0.90	13th	22		...	20	11	...	...	7	13	2	...	1	...	...	8
February ...	3.0	2.0	2.89	0.48	28th	16		...	23	5	...	...	3	17	2	...	...	...	...	6
March ...	4.0	3.0	2.95	0.90	3rd	14		...	21	10	...	...	5	14	2	...	...	...	...	10
April ...	4.0	3.0	0.17	0.09	2nd	4		...	27	3	...	...	2	21	3	...	...	...	...	4
May ...	3.0	2.0	2.12	0.54	25th	11		...	24	7	...	...	1	24	5	...	...	...	...	1
June ...	5.0	4.0	5.83	0.88	29th	20		7	21	9	...	...	2	17	4	...	...	...	...	7
July ...	6.0	6.0	17.85	3.70	2nd	26		4	5	26	...	...	4	13	3	...	...	...	...	11
August ...	4.0	4.0	10.58	2.90	5th	23		2	18	13	...	...	1	15	2	...	...	...	...	13
September ...	5.0	5.0	6.89	1.50	9th	19		5	20	10	...	...	2	7	7	...	...	...	1	13
October ...	4.0	3.0	7.92	1.27	1st	20		1	21	7	...	...	1	18	2	...	...	1	...	10
November ...	4.0	4.0	6.54	2.80	3rd	12		1	23	7	...	...	...	14	2	...	...	...	...	14
December ...	5.0	5.0	7.08	1.40	25th	20		...	19	22	...	...	6	8	1	...	...	...	...	16
Means ...	4.08	3.6	6.21	1	2	18.25		1.75	21	10.8	...	...	28	15.1	15	...	1/12	...	1/12	94

H=Height above mean sea level. ht.=Height of the Therms. above the ground in feet br.=Height of the Raingange above the ground in feet

Month of January, 1917.

Latitude 12° 5′ 2″ N., Longitude 61° 44′ 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.	Max. 9 a.m.	Min. 9 a.m.	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	Force In 15 hrs.	Direction	Force 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 6 p.m.	Weather during interval 9 a.m.	Rain: Amount during 24 hrs. beginning 9 a.m.	Estimated duration	Sunshine: Estimated Duration	Radiation: Max. in vacuo, Black Bulb	REMARKS.
°	in.	°	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.																in.	hrs.	hrs.		
74.0	29.630	82.0	29.570	1	29.984	29.897	71.0	68.0	76.0	70.0	83.0	69.0	3.0	6.0	.633	.633	83.0	71.0	E.	40	E.	43	8	2	N.	N.	E	E	c	b c	b	0.10	¼	10	134.0	Delightful weather.
75.0	29.620	80.0	29.570	2	29.965	29.904	77.0	70.0	75.0	69.0	83.0	69.0	7.0	6.0	.620	.612	67.0	70.0	C.	41	E.	45	2	—	C.U.	—	E	—	b c	b	b	—	—	10	133.0	"
75.0	29.650	79.0	29.544	3	29.995	29.879	77.0	69.0	76.0	70.0	83.0	70.0	8.0	6.0	.584	.633	63.0	71.0	E.	68	S.E.	52	—	2	—	C.U.	—	SE	b	b c	b	0.14	¼	10	132.0	"
76.0	29.602	80.0	29.538	4	29.945	29.871	77.0	70.0	76.0	71.0	82.0	70.0	7.0	5.0	.620	.672	67.0	75.0	C.	72	N.E.	57	2	6	C.U.	N.	NE	NE	b c	c	b	—	—	10	132.0	"
77.0	29.588	81.0	29.520	5	29.928	29.849	77.0	71.0	77.0	71.0	83.0	72.0	6.0	6.0	.658	.658	71.0	71.0	E.	65	N.E.	55	2	2	C.U.	C.U.	E	NE	b c	b c	b	—	—	10	131.0	"
76.0	29.602	81.0	29.536	6	29.945	29.866	77.0	71.0	76.0	70.0	83.0	71.0	6.0	6.0	.658	.633	71.0	71.0	C.	62	N.E.	34	8	4	C.I.S.	N.	—	NE	c	b c	b	0.07	¼	10	133.0	"
75.0	29.580	81.0	29.510	7	29.925	29.840	77.0	71.0	76.0	71.0	82.0	71.0	6.0	5.0	.658	.672	71.0	75.0	C.	35	C.	29	2	6	N.	C.U.	NE	—	b c	c	b	0.19	¼	10	132.0	"
75.0	29.630	81.0	29.600	8	29.978	29.930	74.0	69.0	76.0	69.0	82.0	69.0	5.0	7.0	.625	.596	74.0	67.0	N.E.	34	C.	45	8	—	N.	—	NE	—	c	b	b	..	—	10	132.0	Total Eclipse of the Moon 3 a.m.
76.0	29.604	79.0	29.530	9	29.948	29.866	76.0	70.0	75.0	70.0	82.0	70.0	6.0	5.0	.633	.650	71.0	74.0	N.E.	29	C.	24	—	—	—	—	—	—	b	b	b	..	—	10	131.0	Delightful weather.
76.0	29.560	80.0	29.550	10	29.904	29.882	76.0	70.0	77.0	70.0	81.0	70.0	6.0	7.0	.633	.620	71.0	67.0	C.	44	C.	53	—	—	—	—	—	—	b	b	b	—	—	10	131.0	"
75.0	29.686	80.0	29.586	11	29.984	29.918	74.0	69.0	77.0	70.0	80.0	71.0	5.0	7.0	.625	.620	74.0	67.0	E.	60	E.	76	4	—	N.	—	E	—	b c	b	b	0.06	¼	10	131.0	" Fresh breeze.
75.0	29.674	81.0	29.620	12	30.001	29.949	75.0	71.0	77.0	71.0	83.0	71.0	4.0	6.0	.690	.658	79.0	71.0	S.E.	121	C.	74	4	—	N.	—	NE	—	r ..	b	b	0.25	½	10	130.0	" "
76.0	29.678	76.0	29.640	13	30.031	29.986	74.0	71.0	74.0	71.0	78.0	70.0	3.0	3.0	.705	.705	84.0	84.0	E.	112	E.	96	4	4	N.	N.	E	E	b c	b c	b c	0.60	1	6	125.0	O cast at intervals, Light shwrs.
76.0	29.700	79.0	29.630	14	30.042	29.930	77.0	70.0	75.0	67.0	80.0	70.0	7.0	7.0	.620	.542	67.0	62.0	N.E.	147	E.	94	6	—	N.	—	NE	—	c	b	b c	0.30	½	6	131.0	" "
74.0	29.676	79.0	29.624	15	30.031	29.959	70.0	68.0	76.0	69.0	80.0	69.0	2.0	7.0	.651	.596	88.0	67.0	E.	102	E.	72	10	2	N.	C.U.	E	E	r	b c	b c	0.30	½	8	130.0	" "
75.0	29.674	79.0	29.570	16	30.022	29.906	74.0	71.0	75.0	69.0	80.0	69.0	3.0	6.0	.705	.612	84.0	70.0	E.	104	C.	76	4	—	N.	—	E	—	b c	b	b c	0.10	¼	8	131.0	" "
75.0	29.680	74.0	29.632	17	29.985	29.967	77.0	72.0	75.0	70.0	80.0	70.0	5.0	5.0	.697	.650	75.0	74.0	E.	98	C.	63	4	6	N.	C.I.S.	E	—	b c	c	b c	0.10	¼	8	129.0	" "
75.0	29.690	78.0	29.620	18	30.036	29.960	76.0	70.0	74.0	71.0	81.0	70.0	6.0	3.0	.633	.705	71.0	84.0	C.	93	E.	54	8	6	C.I.S.	C.U.N.	—	E	c	c	b c	0.06	¼	8	131.0	" "
77.0	29.710	77.0	29.620	19	30.048	29.962	78.0	73.0	75.0	73.0	82.0	72.0	5.0	2.0	.722	.774	75.0	89.0	E.	88	C.	54	6	6	C.I.-C.U.	C.I.-C.U.	E	E	c	c	b c	0.18	¼	8	132.0	" "
76.0	29.710	81.0	29.630	20	30.051	29.959	78.0	71.0	77.0	72.0	82.0	71.0	7.0	5.0	.642	.697	67.0	75.0	E.	112	C.	53	2	4	C.U.	N.	E	E	b c	b c	b	0.09	¼	10	133.0	Bright warm day.
77.0	29.670	80.0	29.610	21	30.009	29.942	78.0	70.0	77.0	71.0	83.0	70.0	8.0	6.0	.605	.658	63.0	71.0	N.E.	87	C.	52	—	2	—	—	—	E	b	b c	b	0.06	¼	10	132.0	"
75.0	29.654	78.0	29.604	22	30.001	29.943	75.0	71.0	75.0	70.0	81.0	69.0	4.0	5.0	.690	.650	79.0	74.0	E.	81	E.	83	6	4	N.	C.U.	E	E	c	b c	b c	0.25	¼	8	131.0	O/cast at intervals.
76.0	29.670	79.0	29.602	23	30.014	29.937	76.0	72.0	76.0	70.0	80.0	70.0	4.0	6.0	.633	.633	71.0	71.0	N.E.	114	E.	115	4	—	N.	N.	E	—	b c	b	b	—	—	10	130.0	Nice weather, Fresh breeze.
77.0	29.658	79.0	29.580	24	29.998	29.915	77.0	71.0	76.0	72.0	81.0	72.0	6.0	4.0	.658	.718	71.0	79.0	N.E.	140	E.	92	4	2	C.I.-C.U.	N.	NE	E	b c	b c	b	—	—	10	131.0	" "
76.0	29.610	79.0	29.540	25	29.953	29.875	77.0	71.0	76.0	71.0	81.0	72.0	6.0	5.0	.658	.672	71.0	75.0	E.	150	E.	92	2	—	C.U.	—	E	—	b c	b	b	0.10	¼	10	129.0	" "
75.0	29.628	80.0	29.570	26	29.973	29.903	77.0	72.0	76.0	72.0	81.0	71.0	5.0	4.0	.697	.713	75.0	79.0	S.E.	83	E.	71	2	—	C.U.	—	E	—	b c	b	b	—	—	10	134.0	"
77.0	29.680	81.0	29.630	27	30.018	29.959	79.0	75.0	77.0	71.0	84.0	71.0	6.0	6.0	.793	.658	80.0	71.0	E.	46	E.	59	—	—	—	—	—	—	b	b	b	0.08	¼	10	132.0	"
77.0	29.652	80.0	29.580	28	29.964	29.912	78.0	72.0	77.0	72.0	82.0	70.0	6.0	5.0	.681	.697	71.0	75.0	N.E.	72	C.	58	6	4	N.	N.	NE	—	c	b c	b c	0.16	¼	8	132.0	" O/cast at intervals.
76.0	29.634	79.0	29.550	29	29.958	29.886	78.0	72.0	75.0	71.0	79.0	70.0	6.0	4.0	.681	.690	71.0	79.0	C.	53	N.E.	41	8	6	N.	N.		NE	c	c	b c	0.26	¼	8	133.0	" "
75.0	29.650	82.0	29.570	30	29.996	29.897	76.0	70.0	76.0	71.0	85.0	70.0	6.0	5.0	.633	.672	71.0	75.0	S.W.	22	E.	50	—	—	—	—	—	—	b	b	b	0.05	¼	10	135.0	"
75.0	29.600	78.0	29.560	31	29.946	29.900	75.0	71.0	74.0	71.0	80.0	70.0	4.0	3.0	.690	.705	79.0	84.0	C.	38	C.	45	6	6	N.	N.	E	—	c	c	b c	0.23	¼	8	130.0	O/cast at intervals.
																																			40730	
23440	919008	24680	917030	Sums	929578	927399	23580	21920	23500	21860	25270	21790	1680	1630	20431	20399	22750	22480		2413		1907	122	74	—	—	—	—	—	—		3.73	7¼	284		
			29.597																													22	29			
76.0	29.645	79.0		Means	29.986	29.912	76.0	71.0	76.0	70.0	81.0	70.0	5.0	5.0	.659	.654	73.0	74.0	E.	77	E.	61	4.0	2.0	—	—	—	—	—	—		Days	31	9.0	131.0	

Summaries.

Weather—
No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
22	0	0	0	20	11	0	

Wind—
No. of Observation of

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.
—9 a.m.		8	0	7	13	2	1	0	0
—6 p.m.		12	0	4	14	1	0	0	0

Highest corrected Reading of Barometer—30.051 on 20th
Lowest " " —29.840 on 7th
Greatest Daily Rainfall —0.60 on 13th
No. of days with Rainfall .04 in or more—22
No. of Days of Temperature on Grass below

		Inches.	Parts
Total Rainfall from the 1st to 31st January, 1917,	... ...	3	73
for the corresponding period of last year	... ...	4	20

Extremes.

Highest Temperature in Shade (Ab. max.)—85.0 on 30th
Lowest " —69.0 on 1st
Lowest Daily Maximum —125·0 on 13th
Highest Daily Minimum —135.0 on 30th
Lowest Temperature on Grass

CHARLES RIGGS, *Observer*.

Month of February, 1917.

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.
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. Hour of reading & setting max. & min. Thermometr 6 p.m.

Attached Thermometer. Barometer as read. 9 a.m.	Attached Thermometer. Barometer as read. 6 p.m.	Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 6 p.m.	Air Temperature. (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	9 a.m. Max.	9 a.m. Min.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 6 p.m.	Vapour Pressure. 9 a.m.	Vapour Pressure. 6 p.m.	Per Centage. 9 a.m.	Per Centage. 6 p.m.	Wind. Direction and Force. In 15 hrs.	In 9 hrs.	Cloud Amount. 9 a.m.	Amount. 6 p.m.	Form. 9 a.m.	Form. 6 p.m.	Direction whence coming. 9 a.m.	Direction whence coming. 6 p.m.	Weather at time of observation. 9 a.m.	Weather at time of observation. 6 p.m.	Weather during interval since last observ. 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.		
74.0	29.610	79.0	29.549	1	29.961	29.876	74.0	70.0	75.0	69.0	81.0	70.0	4.0	6.0	.664	.612	79.0	70.0	E.	42 E.	62	4	—	N.	—	E	—	b c	b	b	—	—	10	135.0	Delightful weather.
75.0	29.694	82·0	29.602	2	30.030	29.939	77.0	70.0	76.0	70.0	83·0	70·0	7.0	6.0	.620	.633	67.0	71.0	E.	77 E.	50	—	—	—	—	—	—	b	b	b	—	—	10	136.0	,,
75.0	29.684	82·0	29.630	3	30.029	29.956	77.0	69.0	77.0	69.0	83.0	69.0	8·0	8.0	.584	.584	63.0	63.0	N.E.	50 E.	32	—	—	—	—	—	—	b	b	b	—	—	10	137.0	,,
75.0	29.712	80.0	29.670	4	30.058	30.003	75.0	71.0	76·0	71.0	84.0	69.0	4.0	5.0	.690	.672	79.0	75.0	C.	52 N.E.	57	6	—	N.	—	E	—	c	b	b	—	—	10	137.0	,,
76.0	29.730	80.0	29.670	5	30.073	30.001	76.0	72.0	78.0	72.0	82.0	71.0	4.0	6.0	.718	.681	79.0	71.0	E.	57 C.	60	8	—	N.	—	E	—	c	b	b	0.09	½	10	137.0	,,
76.0	29.750	79.0	29.640	6	30.091	29.975	78.0	70.0	76.0	70.0	84.0	71·0	8.0	7.0	.695	.596	63.0	67.0	S.E.	78 C.	62	—	2	—	C.I.	—	—	b	b c	b	—	—	10	138.0	,,
75·0	29.652	78.0	29.590	7	29.999	29.929	75.0	70.0	75.0	71.0	81.0	70.0	5.0	4.0	.650	.690	74.0	79.0	E.	63 E.	70	2	6	N.	C.I.-C.U.	E	NE	b c	c	b	0.06	¼	10	137.0	,,
76.0	29.644	79.0	29.680	8	29.986	29.966	78.0	71.0	75.0	71.0	82.0	71.0	7.0	4.0	.642	.690	67.0	79.0	E.	89 E.	74	2	—	C.U.	—	E	—	b c	b	b	0.15	½	10	137.0	,,
75.0	29.702	78.0	29.630	9	30.046	29.967	77.0	70·0	75.0	71.0	82.0	70.0	7.0	6.0	.620	.650	67.0	79.0	C.	67 E.	64	—	—	—	—	—	—	b	b	b	0.24	¼	10	137.0	,,
75.0	29.700	80.0	29.670	10	30.044	30.004	77.0	70.0	75.0	70.0	82.0	70.0	7.0	5.0	.620	.659	67.0	74.0	C.	67 E.	70	—	2	—	N.	—	E	b	b c	b	0.06	¼	10	137.0	,,
75.0	29.730	77.0	29.651	11	30·077	29.996	74.0	70.0	75.0	69.0	81.0	70.0	4.0	6·0	.664	.612	79.0	70.0	E.	89 E.	67	8	—	N.	—	E	—	c	b	b	0.10	¼	10	137.0	,,
75.0	29.692	75.0	29.610	12	30.040	29.959	74.0	72.0	73.0	68.0	78.0	71.0	2.0	5.0	.788	.604	89.0	74.0	C.	67 E.	45	10	8	N.	N.	E	E	r	c	b c	0.32	¾	6	134.0	O/cast at intervals, Slight showers
75.0	29.692	81.0	29.610	13	30.037	29.940	77.0	68.0	76.0	69.0	81.0	70.0	9.0	7.0	.550	.596	59.0	67.0	E.	49 E.	85	4	—	C.I.	—	E	—	b c	b	b	—	—	10	137.0	Bright warm day.
75.0	29.704	80.0	29.610	14	30.050	29.944	75.0	69.0	75.0	70.0	81.0	70.0	6.0	5.0	.612	.650	70.0	74.0	C.	80 E.	85	6	2	N.	N.	E	E	c	b c	b	—	—	10	138.0	,,
76.0	29.694	80·0	29.616	15	30.037	29.940	77.0	72.0	76·0	70.0	81.0	71.0	5.0	6.0	.697	.633	75.0	71.0	E.	60 C.	76	4	—	C.I.-C.U.	—	E	—	b c	b	b	—	—	10	137.0	,,
76.0	29.674	81.0	29.610	16	30.017	29.939	77.0	72.0	77.0	72.0	82·0	71.0	5.0	5.0	.697	.697	75.0	75.0	E.	78 C.	64	4	2	C.U.	N.	E	E	b c	b	b	—	—	10	138.0	,,
77.0	29.690	81.0	29.642	17	30·028	29.962	79.0	72.0	76.0	75.0	85.0	72.0	7.0	6.0	.666	.633	67.0	71.0	S.E.	95 E.	69	—	—	—	—	—	—	b	b	b	—	—	10	138.0	,,
77.0	29.714	80.0	29.646	18	30.053	29.980	77.0	70.0	75.0	69.0	83.0	71.0	7.0	6.0	.620	.612	67.0	70.0	E.	95 E.	87	2	—	C.I.	—	E	—	b c	b	b	0.04	¼	10	137.0	,,
76.0	29.702	80.0	29.640	19	30.044	29.974	77.0	70.0	75.0	69.0	83.0	69.0	7·0	6.0	.626	.612	67.0	70.0	E.	79 C.	78	2	—	C.U.	—	E	—	b c	b	b	—	—	10	138.0	,,
75.0	29.670	80.0	29.604	20	30.015	29.929	77.0	67.0	76.0	69.0	85.0	69.0	10.	7.0	.518	.596	56·0	67.0	C.	44 C.	54	—	—	—	—	—	—	b	b	b	—	—	10	138.0	,,
76.0	29.624	79.0	29.584	21	29.967	29.921	77.0	70.0	74.0	70.0	84.0	70.0	7.0	4.0	.620	.664	67.0	79.0	E.	55 E.	46	2	4	C.U.	N.	E	E	b c	b c	b	0.10	¼	10	138.0	,,
74.0	29.618	76.0	29.580	22	29.969	29.927	74.0	68.0	73.0	69.0	80.0	69.0	6.0	4.0	.688	.641	70.0	79.0	E	58 C.	47	4	4	N.	N.	E	—	b c	b c	b c	0.38	¼	8	132·0	,, O/cast at intervals.
74.0	29.620	80.0	29.570	23	29.971	29.903	74.0	68.0	76.0	70.0	82.0	69.0	6.0	6.0	.688	.633	70.0	71.0	N.E.	62 C.	41	6	—	N.	—	NE	—	c	b	b c	0.32	¼	8	138.0	,, ,,
75.0	29.640	79.0	29.594	24	29.986	29.929	76.0	70.0	76.0	70.0	78.0	68.0	6.0	6.0	.633	.633	71.0	71.0	E.	52 E.	42	6	6	C.I.S.	C.I.S.	E	E	c	c	b c	0.07	¼	8	133.0	,, ,,
76.0	29.658	79.0	29.570	25	30.001	29.903	77.0	71.0	78.0	72.0	81.0	70.0	6.0	6.0	.658	.681	71.0	71.0	E.	61 C.	53	4	4	N.	N.	E	E	b c	b c	b	0.08	¼	8	138.0	,, ,,
76.0	29.650	79.0	29.560	26	29.993	29.996	77·0	70·0	75.0	70.0	81.0	71.0	7.0	5.0	.629	.650	67.0	74.0	E.	100 E.	83	2	—	C.U.	—	E	—	b c	b	b	0.08	¼	8	138.0	,, ,,
76.0	29.649	80·0	29·570	27	29.982	29.904	78.0	70.0	75.0	70.0	82.0	71.0	8.0	5.0	.605	.650	63.0	74.0	E.	66 C.	68	2	2	C.U.	C.U.	E	—	b c	b	b	0.32	½	10	138.0	,,
74.0	29.630	74.0	29.590	28	29.980	29.944	75.0	70.0	71.0	69.0	81.0	70.0	5.0	3.0	.650	.672	74.0	83.0	N.E.	126 C.	84	4	8	N.	N.	NE	NE	b c	c	b c	0.48	1	6	135.0	O/cast, with light showers.
2100	836020	2210	829132	28mls	840578	83865	21360	19620	21100	9380	22980	9630	1740	150	17765	7907	19620	20460		1966	1775	92	50	—	—	—	—			—	289	6	262	38300	
75.4	29.679	79.3	29.612		Means	30.020	29.951	76.3	70.1	75.4	69.9	82.1	70.1	6.2	5.5	.634	.642	70.1	73.0	E.	70 E.	63	3.0	2.0	—	—	—	—			—	16 Days	3 1/4	9.0	136.0	

Summaries.

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
16	0	0	0	23	5	0	

Wind— No. of Observation s

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S.	SW,	NW.
—9 a.m.	6	0	3	17	2	0	0	0	
—6 p.m.	11	0	1	16	0	0	0	0	

Highest corrected Reading of Barometer—30.091 on 6th
Lowest " " " —29.576 on 1st
Greatest Daily Rainfall — 0.48 on 28th
No. of days with Rainfall .04 in or more— 16
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—88.0 on 3rd
Lowest " — 69·0 on 24th
Lowest Daily Maximum —132.0 on 22nd
Highest Daily Minimum —138.0 on 6th
Lowest Temperature on Grass

Total Rainfall from 1st to 28th February, 1917. Inches. 2 Parts 89
" for the corresponding period of last year 63

CHARLES RIGGS, *Observer*.

Month of March. 1917.

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.
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. Hour of reading & setting max. & min. Thermomtr 9 p.m.

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.	Sunshine. Estimated duration.	Estimated Duration.	Radiation. M. in Sun. Black Bulb in vacuo.	REMARKS.
in.	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.																ins.	hrs.	hrs.		
75.0	29.630	80.0	29.570	1	29.976	29.904	76.0	69.0	75.0	70.0	80.0	68.0	7.0	5.0	.596	.650	67.0	74.0	N.E.	161	E.	137	2	4	C.U.	N.	NE	E	bc	bc	bc	0.17	½	8	134.0	Fair day, Fresh breeze.
75.0	29.690	79.0	29.630	2	30.036	29.965	76.0	70.0	76.0	70.0	80.0	70.0	6.0	5.0	.633	.633	71.0	71.0	E.	194	E.	113	2	4	C.U.	N.	E	E	bc	bc	bc	0.19	½	8	135.0	" "
75.0	29.684	77.0	29.620	3	30.031	29.964	75.0	70.0	73.0	69.0	78.0	67.0	5.0	4.0	.650	.641	74.0	79.0	E.	152	E.	103	4	2	N.	N	E	E	bc	bc	bc	0.90	1	6	131.0	O/cast, at intervals.
74.0	29.694	79.0	29.610	4	30.046	29.946	73.0	68.0	75.0	69.0	79.0	68.0	5.0	6.0	.604	.612	74.0	76.0	N.E.	174	E.	101	8	2	N.	C.U.	NE	E	c	bc	bc	0.10	¼	6	134.0	"
75.0	29.640	79.0	29.600	5	29.987	29.936	75.0	69.0	75.0	69.0	80.0	70.0	6.0	6.0	.612	.612	70.0	70.0	E.	109	E.	95	2	2	C.U.	C.U.	E	E	bc	bc	b	0.14	¼	10	137.0	Bright day.
75.0	29.654	81.0	29.604	6	29.999	29.934	77.0	71.0	76.0	71.0	83.0	69.0	6.0	5.0	.658	.672	71.0	75.0	E.	60	E.	57	2	—	C.I.	—	E	—	bc	b	b	—	—	10	135.0	"
77.0	29.680	81.0	29.604	7	30.018	29.932	79.0	72.0	78.0	72.0	85.0	72.0	7.0	6.0	.666	.681	67.0	71.0	C.	54	E.	59	2	8	C.I.-C.U.	C.I.-C.U.	—	E	bc	c	b	—	—	10	137.0	"
77.0	29.620	77.0	29.570	8	29.960	29.871	77.0	72.0	76.0	71.0	79.0	73.0	5.0	5.0	.697	.672	75.0	75.0	C.	69	E.	68	6	8	N.	N.	E	E	c	c	b	0.25	½	10	132.0	"
76.0	29.620	81.0	29.570	9	29.978	29.899	74.0	72.0	77.0	72.0	81.0	71.0	2.0	5.0	.748	.697	89.0	75.0	N.E.	132	E.	90	6	2	N.	N.	NE	E	c	bc	b	0.07	¼	10	135.0	"
76.0	29.644	80.0	29.590	10	29.988	29.925	76.0	72.0	74.0	72.0	82.0	72.0	4.0	2.0	.713	.748	79.0	89.0	C.	112	E.	82	4	4	C.I.-C.U.	C.I.-C.U.	—	—	bc	bc	b	0.08	—	10	137.0	"
76.0	29.652	81.0	29.594	11	29.995	29.922	77.0	72.0	78.0	72.0	82.0	72.0	5.0	6.0	.697	.681	75.0	71.0	E.	83	E.	70	4	4	C.I.-C.U.	N.	—	E	bc	bc	b	—	—	10	135.0	"
76.0	29.636	79.0	29.562	12	29.978	29.898	78.0	72.0	75.0	71.0	82.0	72.0	6.0	4.0	.681	.690	71.0	79.0	E.	59	E.	90	2	4	C.U.	C.I.S.	E	E	bc	bc	bc	0.22	½	8	135.0	O/cast at intervals.
74.0	29.636	80.0	29.580	13	29.988	29.917	73.0	70.0	76.0	71.0	82.0	69.0	3.0	5.0	.680	.672	84.0	75.0	C.	76	E.	63	6	2	N.	C.U.	E	E	c	bc	bc	0.38	½	8	134.0	"
76.0	29.604	79.0	29.610	14	30.008	29.945	76.0	72.0	76.0	72.0	82.0	70.0	4.0	4.0	.713	.713	79.0	79.0	E.	99	E.	94	2	2	C.U.	N.	E	E	bc	bc	b	—	—	10	133.0	Bright day.
76.0	29.634	80.0	29.620	15	30.028	29.953	76.0	72.0	76.0	72.0	81.0	72.0	4.0	4.0	.713	.713	79.0	79.0	E.	103	E.	63	6	8	C.U.	C.I.S.	E	E	c	c	b	0.05	¼	10	131.0	"
76.0	29.690	80.0	29.634	16	29.955	29.967	77.0	71.0	76.0	69.0	81.0	72.0	6.0	7.0	.658	.596	71.0	67.0	E.	64	E.	96	2	—	C.U.	—	E	—	bc	b	b	—	—	10	135.0	"
76.0	29.704	80.0	29.630	17	30.045	29.942	78.0	69.0	75.0	69.0	81.0	70.0	9.0	6.0	.577	.612	59.0	70.0	E.	58	C.	39	—	—	—	—	—	E	b	c	b	—	—	10	136.0	"
76.0	29.680	80.0	29.620	18	30.020	29.954	76.0	68.0	75.0	69.0	83.0	70.0	8.0	6.0	.561	.571	63.0	69.0	C.	44	E.	71	8	8	C.I.S.	C.I.S.	—	E	c	c	b	—	—	10	135.0	"
76.0	29.660	80.0	29.570	19	30.003	29.904	77.0	70.0	75.0	70.0	82.0	71.0	7.0	5.0	.620	.650	67.0	74.0	C.	95	C.	78	6	8	C.U.	C.I.S	E	—	c	bc	b	—	—	10	133.0	"
76.0	29.670	82.0	29.610	20	30.013	29.936	77.0	70.0	77.0	70.0	81.0	72.0	7.0	7.0	.620	.620	67.0	67.0	C.	82	E.	84	8	4	C.I.S.	N.	—	E	b	bc	b	—	—	10	134.0	"
77.0	29.670	80.0	29.580	21	30.011	29.913	76.0	70.0	76.0	70.0	81.0	72.0	6.0	6.0	.633	.633	71.0	71.0	S.E.	106	E.	78	10	8	N.	C.I.S.	SE	E	bc	bc	bc	0.16	½	8	133.0	O/cast at intervals.
76.0	29.650	80.0	29.580	22	29.993	29.764	77.0	69.0	75.0	70.0	82.0	70.0	8.0	5.0	.584	.650	63.0	74.0	E.	109	E.	68	2	—	C.U.	—	E	—	bc	b	b	0.20	½	8	135.0	"
75.0	29.680	82.0	29.570	23	29.925	29.878	77.0	70.0	75.0	68.0	83.0	69.0	7.0	7.0	.620	.576	67.0	66.0	E.	82	E.	60	—	—	—	—	—	—	b	b	b	—	—	10	133.0	Bright day.
76.0	29.620	82.0	29.600	24	29.972	29.927	78.0	70.0	76.0	69.0	83.0	71.0	8.0	7.0	.606	.596	63.0	67.0	E.	56	C.	73	2	—	C.U.	—	E	—	bc	b	bc	—	—	10	136.0	"
77.0	29.680	82.0	29.600	25	30.020	29.925	77.0	70.0	78.0	71.0	83.0	72.0	7.0	3.0	.620	.642	67.0	67.0	N.E.	115	E.	78	8	—	N.	—	NE	—	c	b	b	0.04	¼	9	134.0	O/cast at intervals.
76.0	29.668	80.0	29.590	26	30.008	29.923	77.0	72.0	76.0	70.0	82.0	71.0	5.0	6.0	.697	.633	75.0	71.0	C.	74	E.	79	6	8	C.-I.S.	C.-I.S.	E	E	c	c	b	—	—	10	136.0	Bright warm day.
78.0	29.710	79.0	29.560	27	30.041	29.895	82.0	73.0	76.0	70.0	84.0	71.0	9.0	6.0	.662	.633	60.0	71.0	S.E.	44	C.	59	10	2	N.	C.I.	SE	—	bc	bc	bc	—	—	10	137.0	"
75.0	29.680	82.0	29.580	28	30.028	29.907	74.0	70.0	76.0	68.0	84.0	74.0	4.0	8.0	.664	.561	79.0	63.0	C.	75	E.	42	2	—	C.I.-C.U.	—	—	—	bc	b	b	—	—	10	137.0	"
76.0	29.670	81.0	29.570	29	30.012	29.900	78.0	70.0	76.0	70.0	82.0	70.0	8.0	6.0	.605	.633	63.0	71.0	E.	55	E.	76	4	—	N.	—	E	—	bc	b	b	—	—	10	135.0	"
77.0	29.700	80.0	29.570	30	30.037	29.862	79.0	70.0	77.0	70.0	84.0	72.0	9.0	7.0	.592	.620	59.0	67.0	N.E.	108	E.	86	4	—	N.	—	NE	E	c	b	b	—	—	10	136.0	"
77.0	29.650	83.0	29.580	31	29.998	29.904	79.0	71.0	77.0	70.0	83.0	72.0	8.0	7.0	.628	.620	63.0	67.0	C.	125	E.	84	6	2	C.-I.S.	N.	E	E	c	bc	bc	—	—	10	135.0	"
2352	918503	2486	917832	Sums	930092	927452	2377	2186	2352	2170	2585	2104	191	171	20091	19933	2182	2224	2930		2438	136	98	—	—	—	—				2.95	6	289	4175	
			29.691																											14	1/5			
75.9	29.629	80.2	M	eans	30.003	29.917	76.7	70.5	75.9	70.2	81.8	70.8	6.0	5.0	.645	.643	70.4	71.7	E.	94	E.	78	4.4	3.2	—	—	—	—			Days		9.3	134.0	

Summaries.

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
14	0	0	0	21	10	0	

Wind— No. of Observation s:

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.
—9 a.m.	10	0	5	14	2	0	0	0	
—6 p.m.	4	0	0	27	0	0	0	0	

Extremes.

Highest corrected Reading of Barometer—30.046 on 4th
Lowest " " " —29.764 on 22nd
Greatest Daily Rainfall — — 0.90 on 3rd
No. of days with Rainfall .04 in or more— 14
No. of Days of Temperature on Grass below °

Highest Temperature in Shade (Ab. max.)—85.0 on 7th
Lowest " — 68.0 on 1st
Lowest Daily Maximum —131.0 on 3rd
Highest Daily Minimum —137.0 on 5th
Lowest Temperature on Grass

	Inches.	Parts
Total Rainfall from 1st to 31st March, 1917, ...	2	95
" for the corresponding period of last year	2	74

CHARLES RIGGS, *Observer.*

[KK.—4.]

Month of April, 1917.

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 } 1.-9 a.m. 9h. 11.-6 p.m. 18h. Hour of reading & setting max. & min. Thermometer 9 a.m.
Gravity Correction .070 inch. Standard of Time. Height of Rain Gauge above Mean Sea Level 607 feet. Height of Rim of Rain Gauge above Ground 2 feet.

Attached Thermometer 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.	Radiation. M. in Sun. Black bulb in vacuo.	REMARKS.
°	in.	°	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.														ins.	hrs.	hrs.		
78.0	29.630	85.0	29.600	1	29.973	29.918	77.0	70.0	77.0	70.0	83.0	72.0	7.0	7.0	.620	.620	67.0	67.0	N.E. 102	E. 77	6	—	N.	—	NE	—	b c	b	b c	0.09	[illegible]	10	184.0	Bright day.
77.0	29.610	81.0	29.530	2	29.950	29.763	77.0	71.0	74.0	71.0	82.0	72.0	6.0	3.0	.658	.795	71.0	84.0	E. 75	C. 60	8	8	N.	C.-I.S.	E	—	c	b	b	0.03	[illegible]	8	135.0	O/cast at intervals.
76.0	29.610	80.0	29.600	3	29.954	29.933	76.0	70.0	76.0	70.0	81.0	72.0	6.0	6.0	.635	.635	71.0	71.0	E. 78	C. 66	10	4	N.	C.-I.S.	E	E	c	b c	b	0.03	[illegible]	10	133.0	Bright day.
76.0	29.010	81.0	29.530	4	29.952	29.760	78.0	72.0	76.0	70.0	84.0	71.0	6.0	6.0	.681	.633	71.0	71.0	E. 81	C. 6[illegible]	2	4	C.U.	C.-I.S.	E	—	b c	b c	b c	0.02	[illegible]	10	137.0	”
77.0	29.570	83.0	29.530	5	29.909	29.854	79.0	72.0	77.0	70.0	84.0	71.0	7.0	7.0	.666	.620	67.0	67.0	E. 53	C. 70	10	—	N.	—	E	—	b	b	b c	—	—	10	137.0	”
77.0	29.610	80.0	29.544	6	29.948	29.861	79.0	71.0	76.0	71.0	84.0	71.0	8.0	6.0	.628	.672	63.0	75.0	E. 58	C. 60	6	6	C.-I.S.	C.-I.S.	E	C	c	c	b	—	—	10	137.0	Droughts,
77.0	29.636	80.0	29.580	7	29.900	29.912	79.0	71.0	77.0	72.0	84.0	72.0	8.0	5.0	.628	.697	63.0	75.0	C. 76	E. 58	2	6	C.I.	S.	—	E	b c	c	b	—	—	10	135.0	”
78.0	29.640	82.0	29.574	8	29.974	29.889	80.0	73.0	78.0	72.0	86.0	72.0	[illegible]	6.0	.69[illegible]	.681	67.0	71.0	N.E. 105	E. 83	2	—	C.U.	—	NE	—	b c	b	b	—	—	10	137.0	”
78.0	29.610	81.0	29.5[illegible]4	9	29.944	29.883	80.0	73.0	77.0	72.0	85.0	73.0	7.0	5.0	.690	.697	67.0	75.0	E. 110	C. 68	2	—	C.U.	—	E	—	b c	b	b	—	—	10	137.0	”
79.0	29.606	85.0	29.540	10	29.941	29.856	80.0	74.0	79.0	74.0	85.0	73.0	6.0	5.0	.732	.749	71.0	75.0	E. 51	E. 62	2	2	C.U.	N.	E	E	b c	b c	b	—	—	10	136.0	”
79.0	29.600	[illegible]	29.540	11	29.867	29.869	80.0	73.0	79.0	73.0	84.0	73.0	7.0	6.0	.690	.707	67.0	71.0	E. 103	S.E. 96	2	—	C.U.	—	E	—	b c	b	b	—	—	10	132.0	”
78.0	29.620	84.0	29.530	12	29.965	29.855	79.0	73.0	79.0	73.0	84.0	73.0	6.0	6.0	.707	.707	71.0	71.0	E. 116	C. 86	2	—	C.U.	—	E	—	b c	b	b	—	—	10	134.0	”
79.0	29.61[illegible]	84.0	29.540	13	29.942	29.860	79.0	72.0	78.0	72.0	84.0	73.0	7.0	6.0	.666	.681	67.0	71.0	E. 67	S.E. 87	2	6	C.U.	C.-I.S.	E	—	b c	b	b	—	—	10	132.0	”
79.0	29.590	81.0	29.530	14	29.922	29.859	79.0	72.0	77.0	72.0	84.0	73.0	7.0	5.0	.666	.697	67.0	75.0	E. 71	S.E. 92	6	6	C.I.-C.U.	C.-I.S.	E	SE	c	c	b	—	—	10	134.0	”
79.0	29.624	84.0	29.[illegible]70	15	29.[illegible]15	29.899	80.0	73.0	79.0	73.0	84.0	73.0	7.0	6.0	.960	.707	67.0	71.0	E. 8[illegible]	C. 100	2	—	C.U.	—	E	—	b c	b	b	—	—	10	132.0	”
78.0	29.650	84.0	29.5[illegible]0	16	29.95[illegible]	29.899	79.0	7[illegible].0	79.0	73.0	84.0	73.0	7.0	6.0	.666	.707	67.0	71.0	E. 94	E. 84	2	—	C.U.	—	E	—	b c	b	b	—	—	10	134.0	”
79.0	29.632	84.0	29.570	17	29.978	29.898	80.0	74.0	78.0	73.0	84.0	73.0	6.0	5.0	.732	.722	71.6	75.0	E. 96	S.E. 79	4	6	C.-I.S.	C.-I.S.	E	SE	b c	c	b	—	—	10	131.0	”
78.0	29.614	85.0	29.530	18	29.950	29.846	78.0	72.0	79.0	72.0	84.0	73.0	[illegible]	7.0	.681	.666	71.0	67.0	C. 63	E. 71	6	4	C.-I.S.	C.-I.S.	E	E	c	b c	b	—	—	10	132.0	”
79.0	29.570	84.0	29.510	19	29.901	29.830	80.0	73.0	78.0	73.0	85.0	73.0	[illegible]	5.0	.690	.722	67.0	75.0	E. 49	E. 74	—	4	—	C.-I.S.	—	E	b	b c	b	—	—	10	134.0	”
79.0	29.602	80.0	29.520	20	29.[illegible]33	29.851	80.0	73.0	78.0	73.0	84.0	73.0	[illegible]	7.0	.690	.722	67.0	75.0	E. 78	E. 57	2	6	C.U.	C.-I.S.	E	E	b c	c	b	—	—	10	130.0	”
79.0	29.602	85.0	29.568	21	29.983	29.854	80.0	73.0	79.0	73.0	85.0	74.0	[illegible]	6.0	.690	.707	67.0	71.0	E. 107	E. 87	2	—	C.I.-C.U.	—	E	—	b c	b	b	—	—	10	134.0	”
79.0	29.630	81.0	29.504	22	29.961	29.862	80.0	74.0	78.0	73.0	84.0	74.0	6.0	5.0	.732	.722	71.0	75.0	E. 88	E. 84	4	8	C.U.	C.-I.S.	E	E	b c	c	b	—	—	10	134.0	”
79.0	29.584	85.0	29.502	23	29.[illegible]16	29.817	80.0	73.0	80.0	74.0	84.0	74.0	7.0	6.0	.690	.732	67.0	71.0	E. 86	C. 81	2	—	C.U.	—	E	—	b c	b	b	—	—	10	132.0	”
80.0	29.540	81.0	29.540	24	29.[illegible]69	29.789	80.0	74.0	78.0	74.0	82.0	74.0	6.0	4.0	.732	.760	71.0	79.0	S.E. 113	E. 104	6	4	C.-I.S.	C.I.	SE	E	c	b c	b	—	—	10	129.0	”
79.0	29.580	85.0	29.5[illegible]	25	29.889	29.834	81.0	75.0	82.0	75.0	85.0	74.0	6.0	6.0	.757	.757	72.0	72.0	S.E. 167	C. 110	4	—	C.-I.S.	—	SE	—	b c	b	b	—	—	10	137.0	”
79.0	29.570	87.0	29.540	26	29.90[illegible]	29.849	81.0	74.0	81.0	74.0	86.0	74.0	7.0	7.0	.715	.715	68.0	68.0	S.E. 107	C. 81	2	—	C.U.	—	SE	—	b c	b	b	—	—	10	137.0	”
80.0	29.584	86.0	29.530	27	29.890	29.868	83.0	75.0	80.0	74.0	88.0	74.0	8.0	6.0	.724	.732	64.0	71.0	E. 63	C. 61	6	6	C.-I.S.	C.-I.S.	E	—	c	c	b	—	—	10	136.0	”
80.0	29.580	80.0	29.530	28	29.909	29.862	80.0	73.0	76.0	72.0	87.0	74.0	7.0	4.0	.690	.713	67.0	79.0	C. 48	C. 62	6	8	C.I.-C.U.	N.	—	—	c	c	b	—	—	10	138.0	”
80.0	29.6[illegible]2	81.0	29.530	29	29.930	29.858	81.0	73.0	78.0	74.0	87.0	75.0	8.0	4.0	.675	.765	64.0	79.0	E. 59	C. 67	6	4	C.-I.S.	C.-I.S.	—	—	c	b e	b	—	—	10	138.0	”
75.0	29.620	81.0	29.540	30	29.961	29.867	80.0	75.0	73.0	74.0	84.0	75.0	5.0	5.0	.775	.749	75.0	75.0	C. 63	E. 58	8	6	N.	C.-I.S.	—	—	c	c	b	—	—	10	134.0	”
234[illegible]	888.03	2481	886.2[illegible]	Sums	897.94[illegible]	895.76	2385	2183	2341	2176	253[illegible]	2191	202	167	20954	21097	2046	2168	2529	2293	124	98	—	—	—	—		—	—	0.17	1	298	4032	
78.2	29.603	82.7	29.542	Means	29.920	29.858	79.5	72.7	78.0	72.5	84.3	73.0	6.7	5.5	.698	.703	68.2	73.0	E. 84	E. 76	4.0	3.0	—	—	—	—		—	—	4 Days	0.05	9.9	134.4	

Summaries

Weather—
No. of days of

Rain	Snow	Hail	Thunderstorm	Clear Sky	Overcast	Fog	Gales
4	0	0	0	27	3	0	

Wind—
No. of Observation "

	Forces 4-7	Calm	N	NE	E	SE	S	SW	NW
—9 a.m.		4	0	2	21	3	0	0	0
—6 p.m.		14	0	0	31	4	0	0	0

Highest corrected Reading of Barometer—29.974 on 8th
Lowest " " —29.760 on 4th
Greatest Daily Rainfall — 0.09 on 2nd
No. of days with Rainfall .04 in or more— 1
No. of Days of Temperature on Grass below *

Extremes
Highest Temperature in Shade (Ab. max.)—88.0 on 27th
Lowest " — 71·0 on 4th
Lowest Daily Maximum —129.0 on 24th
Highest Daily Minimum —138.0 on 28th
Lowest Temperature on Grass

	Inches.	Parts
Total Rainfall from 1st to 30th April, 1917	*0	17
" for the corresponding period of last year	1	88

CHARLES RIGGS, *Observer*

* This is the lowest rainfall for any one month for the past 26 years.

Month of May, 1917.

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 (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.	Max.	Min.	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.
	in.		in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.		
79.0	29.646	86.0	29.532	1	29.871	29.905	80.0	75.0	80.0	74.0	85.0	75.0	5.0	6.0	.775	.732	75.0	71.0
79.0	29.640	82.0	29.570	2	29.970	29.894	81.0	74.0	79.0	74.0	86.0	75.0	7.0	5.0	.715	.749	68.0	75.0
80.0	29.602	82.0	29.519	3	29.931	29.834	80.0	73.0	79.0	73.0	85.0	75.0	7.0	6.0	.690	.666	67.0	67.0
79.0	29.610	82.0	29.524	4	29.941	29.848	80.0	74.0	79.0	75.0	85.0	75.0	6.0	6.0	.732	.606	71.0	67.0
80.0	29.620	83.0	29.554	5	29.947	29.874	82.0	74.0	81.0	74.0	86.0	75.0	8.0	7.0	.701	.715	64.0	68.0
79.0	29.630	84.0	29.540	6	29.964	29.859	77.0	75.0	79.0	73.0	85.0	74.0	2.0	6.0	.829	.666	89.0	67.0
79.0	29.580	84.0	29.504	7	29.910	29.823	81.0	74.0	79.0	74.0	83.0	72.0	7.0	5.0	.715	.749	68.0	75.0
80.0	29.560	86.0	29.524	8	29.887	29.837	83.0	74.0	80.0	73.0	86.0	74.0	8.0	7.0	.701	.690	64.0	67.0
80.0	29.566	86.0	29.522	9	29.894	29.835	81.0	73.0	80.0	74.0	86.0	74.0	8.0	6.0	.675	.775	64.0	75.0
80.0	29.580	83.0	29.514	10	29.908	29.836	81.0	75.0	79.0	74.0	86.0	75.0	6.0	5.0	.757	.749	72.0	75.0
80.0	29.602	84.0	29.524	11	29.920	29.842	82.0	74.0	80.0	74.0	85.0	74.0	8.0	6.0	.701	.732	64.0	71.0
80.0	29.590	87.0	29.540	12	29.918	29.550	81.0	74.0	80.0	74.0	88.0	75.0	7.0	6.0	.715	.732	68.0	71.0
80.0	29.580	88.0	29.534	13	29.906	29.839	83.0	75.0	83.0	75.0	86.0	74.0	8.0	8.0	.684	.684	60.0	60.0
81.0	29.602	90.0	29.556	14	29.925	29.856	83.0	75.0	82.0	75.0	86.0	75.0	8.0	7.0	.684	.742	60.0	68.0
80.0	29.676	85.0	29.590	15	29.907	29.903	82.0	76.0	80.0	75.0	85.0	75.0	6.0	5.0	.785	.775	72.0	75.0
81.0	29.660	87.0	29.602	16	29.984	29.911	82.0	74.0	80.0	74.0	85.0	75.0	8.0	6.0	.701	.732	64.0	71.0
80.0	29.666	87.0	29.584	17	29.986	29.893	83.0	73.0	81.0	72.0	86.0	74.0	10.	9.0	.646	.637	57.0	60.0
79.0	29.640	86.0	29.584	18	29.968	29.897	83.0	75.0	80.0	72.0	89.0	74.0	8.0	8.0	.742	.650	64.0	63.0
80.0	29.670	82.0	29.594	19	30.000	29.916	79.0	73.0	81.0	74.0	86.0	74.0	6.0	7.0	.707	.715	71.0	68.0
81.0	29.680	87.0	29.550	20	30.002	29.857	84.0	74.0	83.0	74.0	88.0	75.0	10.	9.0	.671	.684	57.0	60.0
81.0	29.674	87.0	29.614	21	29.996	29.922	84.0	75.0	81.0	74.0	87.0	75.0	9.0	7.0	.710	.715	60.0	68.0
80.0	29.690	85.0	29.630	22	30.018	29.944	81.0	74.0	81.0	73.0	86.0	75.0	7.0	8.0	.715	.675	68.0	64.0
81.0	29.686	81.0	29.620	23	30.008	29.948	84.0	76.0	78.0	74.0	86.0	75.0	8.0	4.0	.751	.765	64.0	79.0
80.0	29.658	85.0	29.600	24	29.987	29.915	80.0	74.0	80.0	73.0	86.0	72.0	6.0	7.0	.732	.690	71.0	67.0
80.0	29.654	83.0	29.570	25	29.982	29.892	81.0	74.0	79.0	74.0	85.0	76.0	7.0	5.0	.715	.749	68.0	75.0
79.0	29.650	84.0	29.570	26	29.982	29.888	79.0	75.0	80.0	76.0	84.0	71.0	4.0	5.0	.793	.775	80.0	75.0
81.0	29.606	79.0	29.590	27	29.931	29.928	81.0	74.0	73.0	72.0	86.0	73.0	7.0	1.0	.715	.766	68.0	94.0
80.0	29.614	82.0	29.570	28	29.942	29.893	81.0	76.0	80.0	75.0	86.0	72.0	5.0	5.0	.802	.775	76.0	75.0
78.0	29.620	80.0	29.564	29	29.958	29.896	76.0	75.0	77.0	74.0	82.0	72.0	1.0	3.0	.848	.783	94.0	84.0
80.0	29.610	83.0	29.530	30	29.938	29.852	81.0	74.0	79.0	72.0	85.0	72.0	7.0	7.0	.715	.666	68.0	67.0
78.0	29.580	82.0	29.530	31	29.915	29.863	79.0	74.0	80.0	74.0	84.0	74.0	5.0	6.0	.749	.732	75.0	71.0
24750	918424	2620	916400	Sums	928465	925940	2510	23050	24730	22870	26540	22960	2090	1880	22571	22331	21310	21930
79.8	29.626	84.2	29.561	Means	29.951	29.869	81.1	74.3	79.7	73.7	85.6	74.1	6.7	6.0	.728	.720	68.7	70.7

Date.	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.	9 a.m. during interval	Rain, Amount during 24 hrs. beginning 9 a.m.	Estimated duration	Sunshine, Estimated Duration	Radiation, M. in Sun. Black bulb in vacuo.	REMARKS.
												ins	hrs.	hrs.		
1	E. 80	C. 89	4	—	C.U.	—	E	—	b c	b	b	—	—	10	132.0	Very warm day Droughts.
2	S. 74	C. 66	—	8	—	C.I.S.	—	—	b	c	b	—	—	10	133.0	" "
3	E. 82	E. 79	6	6	C.I.-C.U.	C.I.-C.U.	E	E	c	c	b	0.04	1/4	10	134.0	" "
4	E. 90	E. 79	6	6	C.I.-C.U.	C.I.-C.U.	E	—	c	c	b	—	—	10	138.0	" "
5	E. 86	E. 80	4	—	C.U.	—	E	—	b c	c	b	0.08	1/4	10	135.0	" "
6	E. 55	E. 101	6	4	N.	C.-I.S.	E	—	c	—	b	0.15	1/4	10	135.0	" "
7	E. 57	E. 71	2	2	C.U.	C.U.	E	E	b c	b c	b	0.16	1/4	10	133.0	" "
8	E. 74	E. 72	—	—	—	—	—	—	b	b	b	—	—	10	134.0	" "
9	E. 74	C. 78	—	—	—	—	—	—	b	b	b	—	—	10	136.0	" "
10	E. 72	C. 101	6	2	C.U.	C.U.	E	E	c	b c	b	—	—	10	136.0	" "
11	N.E. 83	C. 78	4	8	C.U.	C.-I.S.	NE	—	b c	c	b	—	—	10	132.0	" "
12	E. 50	E. 68	2	—	C.U.	—	E	—	b c	b	b	—	—	10	139.0	" "
13	C. 50	C. 86	2	—	C.U.	—	E	—	b c	b	b	—	—	11	133.0	" "
14	S.E. 78	C. 100	2	—	C.U.	—	E	—	b c	b	b	—	—	11	133.9	" "
15	E. 142	E. 122	2	—	C.U.	—	E	—	b c	b	b	—	—	11	132.0	Fresh breeze. "
16	E. 106	E. 131	—	—	—	—	—	—	b	b	b	—	—	11	132.0	" "
17	E. 109	E. 98	—	—	—	—	—	—	b	b	b	—	—	11	142.0	" "
18	E. 29	C. 58	2	—	C.U.	—	E	—	b c	b	b	—	—	11	130.0	Very warm. "
19	E. 38	C. 80	6	2	N.	C.U.	E	—	c	b e	b	—	—	11	136.0	" "
20	E. 38	C. 76	2	—	C.I.-C.U.	—	E	—	b e	b	b	—	—	11	137.0	" "
21	E. 100	C. 71	—	—	—	—	—	—	b	b	b	—	—	11	137.0	" "
22	E. 68	C. 93	4	2	C.U.	C.I.	E	—	b c	b c	b	—	—	11	138.0	" "
23	S.E. 44	C. 64	6	6	N.	C.I.-C.U.	SE	—	c	c	b e	0.08	1/4	10	138.0	" "
24	S.E. 62	C. 84	4	4	C.I.-C.U.	C.I.	SE	—	b c	b c	b c	—	—	11	136.0	" "
25	E. 82	E. 83	6	6	C.U.	N.	E	E	c	c	b c	0.54	1/2	10	131.0	" Welcome Rains.
26	S.E. 111	E. 76	6	4	C.U.	N.	E	E	c	b c	b c	—	—	11	133.0	"
27	E. 78	E. 78	10	10	A.S.	N.	E	E	o	o	b c	0.42	1/2	11	138.0	" "
28	E. 94	E. 94	6	6	C.I.-C.U.	N.	E	E	c	•	b c	0.17	1/4	11	138.0	" "
29	S.E. 61	C. 64	6	6	N.	N.	SE	—	c	c	b e	0.25	1/4	10	131.0	" "
30	E. 53	E. 71	4	6	C.I.	N.	E	E	b c	b c	b	0.13	1/4	10	135.0	" "
31	E. 69	E. 87	2	—	N.	—	E	—	b c	b	b	0.10	1/4	10	133.0	" "
Sums	2289	2551	112	88	—	—	—	—	—	—	—	2.12	3 1/4	324	41730	
Means	E. 73	E. 89	3.6	2.8	—	—	—	—		—	—	11 Days	1 1/10	10.4	134.6	

Summaries.

Weather—
No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
11	0	0	0	24	7	0	

Wind—
No. of Observation of

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.
9 a.m.		1	0	1	24	5	0	0	0
6 p.m.		15	0	0	16	0	0	0	0

Highest corrected Reading of Barometer—30.018 on 22nd
Lowest " " "—29.823 on 7th
Greatest Daily Rainfall —0.54 on 25th
No. of days with Rainfall .04 in or more—11
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—89.0 on 18th
Lowest " —71.0 on 26th
Lowest Daily Maximum —130.0 on 18th
Highest Daily Minimum —139.0 on 12th
Lowest Temperature on Grass

	Inches.	Parts
Total Rainfall for the month of May, 1917, ...	2	12
for the corresponding period of last year	3	52

CHARLES RIGGS, *Observer.*

Month of June, 1917.

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.
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. Hour of reading & setting max. & min. Thermomtr 9 a.m.

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.	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 ending 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.		
29.580	29.534	1	29.915	29.849	79.0	73.0	80.0	74.0	84.0	74.0	6.0	6.0	.707	.732	71·0	71.0	C.	62	E.	75	2	—	C.I.	—	—	—	b c	b	b	0.06	½	11	136.0	Bright warm day.
29.690	29.576	2	29.957	29.903	82.0	76.0	79.0	75.0	86.0	74.0	6.0	4.0	.785	.839	72.0	85·0	E.	57	E.	62	2	6	C.U.	N.	E	E	b e	c	b	—	—	11	131.0	,,
29.690	29.630	3	30.038	29.943	81.0	74.0	80.0	74.0	85.0	76.0	7.0	6.0	.715	.732	68.0	71.0	E.	62	E.	71	6	8	C.I.-S.	C.-I.S.	E	E	e	c	b	—	—	11	132·0	,,
29.674	29.610	4	30.001	29.920	82.0	74.0	83.0	76.0	85.0	75.0	8.0	7.0	.701	.766	64.0	68.0	E.	33	E.	71	6	8	C.I.-S.	C.U.	E	—	e	c	b	—	—	11	134.0	,,
29.620	29.578	5	29.947	29.892	82.0	75.0	84.0	77.0	88.0	75.0	7.0	7.0	.742	.906	68.0	68.0	E.	41	C.	68	—	4	—	C.I.-S.	—	—	b	b c	b	—	—	11	133.0	,,
29.652	29.580	6	29.979	29.886	82.0	75.0	82.0	76.0	85.0	75.0	7.0	6.0	.742	.785	68.0	72.0	E.	41	C.	81	2	2	C.U.	C.U.	E	—	b e	b	b	0.08	¼	11	133.0	,,
29.660	29.640	7	29.990	29.913	79.0	76.0	81.0	75.0	85.0	76.0	3.0	6.0	.839	.757	85.0	72.0	S.E.	40	C.	81	2	2	C.U.	C.U.	SE	SE	b c	b c	b	0.05	¼	11	134.0	,,
29.660	29.620	8	29.987	29.928	82.0	75.0	81.0	75.0	87.0	75.0	7.0	6.0	.742	.757	68.0	72.0	S.E.	76	C.	84	—	—	—	—	—	—	b	b	b	0.04	¼	11	135.0	,,
29.620	29.540	9	29.947	29.853	82.0	75.0	80.0	74.0	88.0	75.0	7.0	6.0	.742	.732	68.0	71.0	C.	47	E.	68	2	—	C.U.	—	—	—	b c	b	b	0.13	¼	11	135.0	,,
29.560	29.492	10	29.894	29.814	77.0	75.0	80.0	77.0	85.0	75.0	2.0	3.0	.829	.807	89.0	85.0	C.	53	C.	19	6	10	N.	N.	—	—	c	o	b c	0.37	½	6	131.0	,, Distant Thunder.
29.564	29.564	11	29.893	29.876	80.0	75·0	81.0	76.0	84.0	76.0	5.0	5·0	.775	.802	75.0	76.0	S.E.	119	S.E.	111	4	4	C.I.	C.I.	SE	SE	b c	b c	b	0.06	½	10	131.0	,,
29.610	29.606	12	29.938	29.913	81.0	75.0	82.0	76.0	86.0	76.0	6.0	6.0	.757	.785	72.0	72.0	E.	99	C.	79	2	4	C.U.	N.	E	E	b c	b c	b	0.08	½	10	137.0	,,
29.610	29.660	13	29.938	29.965	81.0	75.0	82.0	75.0	87.0	75.0	6.0	7.0	.757	.742	72.0	68.0	C.	66	E.	64	4	2	C.U.	C.I.	E	E	b c	b c	b	—	—	11	133.0	,,
29.558	29.490	14	29.885	29.821	84.0	78.0	78.0	74.0	85.0	75.0	6.0	4.0	.840	.765	72.0	79.0	E·	26	C.	31	4	10	C.U.	N.	E	—	b c	o	b c	0.75	¾	6	129.0	,, T/der and l/ing.
29.550	29.510	15	29.881	29.849	80.0	76.0	81.0	77.0	83.0	74.0	4.0	4.0	.820	.849	80.0	80.0	S.E.	56	S.E·	119	6	2	N.	C.U.	SE	SE	c	b c	b	—	—	11	132.0	,,
29.640	29.600	16	29.961	29.914	82.0	76.0	81.0	76.0	86.0	78.0	6.0	5.0	.785	.802	72.0	76.0	E.	89	S.E.	96	2	6	C.U.	N.	E	SE	b c	c	b	0.08	¼	11	135.0	,,
29.658	29.610	17	29.982	29.923	82.0	76.0	82.0	76.0	86.0	76.0	6.0	6.0	.785	.785	72.0	76.0	E.	138	E.	82	4	6	C.U.	C.U.	E	E	b c	c	b c	0.16	¼	10	135.0	,,
29.620	29.590	18	29.945	29.898	83.0	76.0	82.0	75.0	87.0	76.0	7.0	7.0	.766	.742	68.0	68.0	E.	62	C.	82	2	6	C.U.	C.I.-C.U.	E	—	b c	c	b	—	—	11	134.0	,,
29.630	29.560	19	29.954	29.869	82.0	76.0	81.0	75.0	87.0	76.0	6.0	6.0	.785	.757	72.0	72.0	E.	89	S.E.	93	6	2	C.U.	C.U.	E	E	c	b c	b	—	—	11	135.0	,,
29.642	29.582	20	29.964	29.902	84·0	75.0	78.0	74.0	87.0	76.0	9.0	4.0	.710	.765	60.0	79.0	E.	112	E.	73	2	6	C.U.	N.	E	E	b e	c	b	0.13	½	11	137.0	,,
29.670	29.660	21	29.998	29.993	83.0	76.0	78·0	74.0	85.0	74.0	7.0	4.0	.766	.765	68.0	79.0	E.	86	E.	86	—	10	—	N.	—	E	b	o	b c	0.40	⅜	8	133·0	,, Thunder p.m.
29.700	29.650	22	30.027	29.964	81.0	76.0	81.0	76.0	85·0	73.0	5.0	5·0	.802	.802	76.0	76.0	E.	111	C.	79	2	—	C.U·	—	E	—	b c	b	b	—	—	10	132.0	,,
29.686	29.608	23	30.012	29.919	83.0	74·0	82.0	74.0	85.0	75.0	9.0	8.0	.684	.701	60.0	64.0	N.E.	67	E.	80	2	2	C.U.	N.	NE	E	b e	b e	b	0.45	⅜	10	135.0	,, Thunder p.m.
29.614	29.580	24	29.934	29.895	81.0	76.0	80.0	74.0	85.0	72.0	5.0	6·0	.802	.732	76.0	71.0	E.	68	C.	61	2	—	C.U.	—	E	—	b e	b	b	0.10	¼	10	133.0	,,
29.632	29.610	25	29.965	29.933	78.0	74.0	78.0	75.0	83.0	72.0	4.0	3.0	.765	.810	79.0	84.0	C.	60	E.	53	2	8	N.	C.I.-C.U.	E	—	b c	c	b c	0.28	¼	8	132.0	O/cast at intervals.
29.680	29.620	26	30.010	29.928	81.0	74.0	81.0	74.0	86.0	73.0	7.0	7.0	.715	.715	68.0	68.0	E.	74	E.	90	2	2	C.U.	C.U.	E	E	b c	b e	b	0.59	1	10	135.0	,,
29.620	29.590	27	29.954	29.904	77.0	76·0	81.0	76.0	85.0	72.0	1.0	5.0	.877	.802	94.0	76.0	C.	40	C.	58	10	6	N.	N.	—	—	o	c	b c	—	—	8	126.0	,,
29.602	29.540	28	29.927	29.854	81.0	76.0	81.0	76.0	81.0	75.0	8.0	5.0	.751	.802	64.0	76.0	C.	39	E.	81	4	4	C.U.	N.	—	E	b c	b c	b c	0.61	1	8	136.0	,, Thunder p.m.
29.644	29.540	29	29.873	29.879	80·0	76.0	75.0	74.0	84·0	73.0	4.0	1.0	.820	.820	80.0	94.0	E.	147	E.	84	8	10	N.	N.	E	E	c	c	c	0.88	1½	2	133.0	,, ,,
29.620	29.5 0	30	29.934	29.910	82.0	76.0	78.0	75.0	85.0	73.0	6·0	3.0	.785	.810	72.0	84.0	N·E.	138	E.	94	8	8	N.	N.	NE	E	e	e	b c	0.56	1	6	136.0	,, ,,
																															4005		
29.8	8.8736	2537	887629		898565	897040	2137	2260	2413	2235	2240	2240	77	158	28001	23616	2173	2263	2198		2256	104	138	—	—	—	—	—	—	5.83	9½	287		
			29.587																										20				
29.626	84.0		Means	29.955	29.901	80.0	75	80.0	76.0	85.0	75.0	6.0	5.0	.770	79.0	72.0	76.0	E.	98	E.	75	3.0	4.0	—	—	—	—	—	—	Days		9.0	133.0	

Summaries

Weather— No. of days of

Rain	Snow	Hail	Thunderstorm	Clear Sky	Overcast	Fog	Gales.
25	0	0	7	21	9	0	

Wind— No. of Observation s of

	Forces 4-7	Calm	N	NE	E	SE	S	SW	NW
—9 a.m.	7	0	2	17	4	0	0	0	
—6 p.m.	11	0	0	15	4	0	0	0	

Highest corrected Reading of Barometer—30.038 on 3rd
Lowest " " " —29.814 on 10th
Greatest Daily Rainfall — —3.0 on 29th
No. of days with Rainfall .01in or more—20
No. of Days of Temperature on Grass below •

Extremes.

Highest Temperature in Shade (Ab. max.)—88.0 on 5th
Lowest " —72.0 on 24th
Lowest Daily Maximum —126·0 on 27th
Highest Daily Minimum —137.0 on 12th
Lowest Temperature on Grass

	inches.	Parts
Total Rainfall from the 1st to 30th June, 1917.	5	83
" for the corresponding period of last year	7	13

CHARLES RIGGS, *Observer.*

[KK.—7.]

Month of July, 1917.

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

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

Attached Thermometer.			Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°.		Air Temperature. (degrees F.)						Humidity.						Wind.		Cloud						Weather			Rain.		Sunshine	Radiation.		REMARKS.
Barometer as read.					Dry.	Wet.	Dry.	Wet.	9 a.m.		Dep. of Wet.		Vapour Pressure.		Per Centage.		Direction and Force.		Amount.		Form.		Direction whence coming.		at time of observation.		during interval ending at	Amount during 24 hrs. beginning	Estimated duration.	Estimated Duration.	Max. in Sun. Black Bulb in vacuo.	
9 a.m.	6 p.m.	Date.	9 a.m.	6 p.m.	9 a.m.		6 p.m.		Max.	Min.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	In 15 hrs.	In 9 hrs.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	9 a.m.				
	in.	°	in.		in.	in.	°	°	°	°	°	°	in.	in.														m.	hrs.	hrs.		
76.0	29.620	76.0	29.558	1	29.966	29.902	74.0	71.0	76.0	75.0	80.0	70.0	3.0	1.0	.690	.848	59·0	94.0	E.	142	E.	68	10	10	N.	N.	E	E	o	o	c	0.50	1	2	106.0	O/cast with showers.
80.0	29.570	77.0	29.480	2	29.899	29.825	80.0	75.0	75.0	78.0	80.0	70.0	5.0	2.0	.775	.774	75.0	89.0	E.	115	C.	63	10	10	N.	N.	E	—	o	o	c	3.70	3	2	101.0	,, and heavy rains.
74.0	29.580	88.0	29.540	3	29.933	29.847	72.0	71.0	81.0	76.0	83.0	70.0	1.0	6.0	.739	.802	94.0	76.0	E.	100	C.	54	10	4	N.	C.	E	—	r	bc	bc	0.52	½	6	131.0	Heavy rains and T/der storm
79.0	29.590	81.0	29.560	4	29.920	29.888	81.0	76.0	78.0	74.0	85.0	71.0	5.0	4.0	.802	.765	76.0	79.0	N.E.	83	N.E.	85	2	8	C.U.	N.	NE	—	bc	nc	c	0.21	½	8	132.0	O/cast at intervals. [5 a.m.
79.0	29.580	79.0	29.520	5	29.910	29.853	81.0	75.0	78.0	74.0	83.0	74.0	6.0	4.0	.757	.765	72.0	79.0	E.	96	E.	43	2	10	C.U.	N.	E	E	bc	n	c	0.80	1	4	130.0	,,
77.0	29.542	82.0	29.494	6	29.884	29.816	75.0	74.0	82.0	79.0	83.0	74.0	1.0	3.0	.820	.926	94.0	85.0	C.	77	C.	26	10	8	N.	N.	—	—	r	c	c	0.41	½	4	127.0	,,
79.0	29.550	84.0	29.520	7	29.882	29.838	79.0	76.0	80.0	76.0	84.0	73.0	3.0	4.0	.839	.820	85.0	80.0	E.	115	C.	80	8	6	C.U.-C.U.	C.U.-S.	E	—	c	c	c	0.43		6	133.0	,,
79.0	29.560	78.0	29.520	8	29.894	29.858	77.0	76.0	76.0	75.0	82.0	74.0	1.0	1.0	.877	.848	94.0	84.0	E.	98	C.	83	10	10	N.	N.	E	E	r	o	c	0.52	½	2	129.0	Stormy weather T/der and l/ing.
80.0	29.604	83.0	29.560	9	29.932	29.881	81.0	75.0	80.0	75.0	84.0	74.0	6.0	5.0	.757	.775	72.0	75.0	E.	113	E.	93	4	—	N.	—	E	—	bc	b	bc	0.41	½	4	131.0	O/cast at intervals.
78.0	29.602	84.0	29.556	10	29.939	29.872	77.0	74.0	80.0	74.0	84.0	74.0	3.0	6.0	.783	.732	84.0	71.0	C.	112	N.E.	76	8	4	N.	N.	E	b	c	bc	bc	0.23	½	6	130.0	,,
79.0	29.560	78.0	29.504	11	29.891	29.843	80.0	76.0	75.0	72.0	82.0	74.0	4.0	3.0	.820	.731	80.0	84.0	N.E.	71	E.	46	6	10	N.	N.	NE	E	c	o	bc	0.43	½	6	132.0	,, T/der storm 10 p.m.
79.0	29.556	86.0	29.510	12	29.888	29.822	79.0	76.0	81.0	76.0	85.0	74.0	3.0	5.0	.839	.802	85.0	76.0	E.	54	E.	52	6	—	N.	—	E	—	c	b	bc	0.18	½	8	134.0	,, Showers.
80.0	29.634	85·0	29.610	13	29.963	29.926	80.0	77.0	79.0	75.0	84.0	75.0	3.0	4.0	.867	.793	85.0	80.0	C.	74	E.	59	6	6	N.	C.U.-C.U.	E	E	c	c	bc	0.26	¼	6	135.0	,, ,,
77.0	29.650	78.0	29.620	14	29.992	29.959	75.0	73.0	75.0	74.0	80.0	74.0	2.0	1.0	.774	.820	89.0	94.0	C.	66	E.	25	10	8	N.	N.	—	E	r	c	bc	0.64	1	4	120.0	,, ,,
78.0	29.660	79.0	29.590	15	29.996	29.925	78.0	76.0	76.0	74.0	82.0	72.0	2.0	2.0	.857	.801	89.0	89.0	C.	37	C.	45	6	10	N.	N.	E	—	c	o	bc	0.43	¼	4	130.0	,, ,,
80.0	29.640	79.0	29.590	16	29.988	29.925	81.0	76.0	76.0	74.0	83.0	73.0	5.0	2.0	.208	.801	76.0	89.0	E.	29	E.	64	4	10	C.U.	N.	E	E	bc	o	bc	0.46	½	6	134.0	,, ,,
79.0	29.630	82.0	29.570	17	29.957	29.895	84.0	78.0	78.0	75.0	85.0	74.0	6.0	3.0	.840	.840	72.0	84.0	C.	71	C.	32	8	6	N.	C.I.	—	—	c	c	bc	0.86	1	6	137.0	,, ,,
78.0	29.604	79.0	29.510	18	29.944	29.844	74.0	73.0	77.0	75.0	79.0	73.0	1.0	2.0	.793	.829	94.0	89.0	C.	39	C.	17	10	10	N.	A.S.	—	—	r	o	bc	2.45	3	4	101.0	,, ,,
75.0	29.670	81.0	29.600	19	30.019	29.928	73.0	72.0	78.0	75.0	81.0	70.0	1.0	3.0	.766	.810	94.0	84.0	S.E.	102	C.	37	10	10	N.	N.	SE	E	r	o	bc	0.21	½	4	119.0	,, ,,
79.0	29.620	85.0	29.556	20	29.951	29.900	80.0	75.0	81.0	75.0	83.0	72.0	5.0	6.0	.775	.757	75.0	72.0	C.	74	E.	48	8	4	C.I.	N.	E	E	c	bc	bc	0.14	¼	4	130.0	,, ,,
80.0	29.608	87.0	29.554	21	29.935	29.862	82.0	77.0	82.0	77.0	85.0	74.0	5.0	5.0	.830	.830	76.0	76.0	E.	35	E.	47	—	2	—	C.U.	—	E	b	bc	bc	0.14	¼	6	137.0	,, ,,
80.0	29.608	88.0	29.564	22	29.927	29.870	80.0	78.0	82.0	77.0	86.0	76.0	2.0	5.0	.916	.830	90.0	76.0	C.	52	E.	43	6	4	N.	N.	E	E	c	bc	b	0.00	—	10	133.0	Bright warm day.
80.0	29.608	86·0	29.558	23	29.932	29.865	82.0	75·0	81.0	74.0	86.0	76·0	7.0	7.0	.742	.715	68.0	68.0	C.	78	E.	50	4	—	C.U.	—	E	—	bc	b	b	0.00	—	10	136.0	,,
80.0	29.592	78·0	29.526	24	29.920	29.864	81.0	74.0	76.0	78.0	85.0	76.0	7.0	3.0	.715	.756	68.0	84.0	N.E.	90	E.	53	4	10	C.U.	N.	NE	E	bc	o	bc	2.20	2½	6	135.0	O/cast at intervals light showers.
76.0	29.640	76.0	29.570	25	29.987	29.903	73.0	72.0	72.0	72.0	78.0	72.0	1.0	—	.766	.785	94.0	100.0	S.E.	113	C.	10	10	10	N.	N.	SE	SE	r	o	bc	0.85	1½	—	135.0	,, the whole day ,,
77.0	29.610	83.0	2·592	26	30.951	29.914	76.0	75.0	79.0	75.0	82.0	71.0	1.0	4.0	.848	.793	94.0	80.0	S.E.	64	E.	29	10	10	N.	N.	SE	E	•	o	bc	0.12	¼	6	126.0	,, at intervals ,,
79.0	29.624	87.0	29.592	27	29.954	29.902	81.0	75.0	80.0	76.0	85.0	75.0	6.0	4.0	.757	.820	72.0	80.0	E.	63	C.	48	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	Bright warm day T/der storm 6
80.0	29.660	87.0	29.610	28	29.988	29.987	81.0	77.0	82.0	77.0	85.0	75.0	4.0	5.0	.849	.830	80.0	76.0	C.	37	C.	51	4	4	C.U.	N.	E	E	bc	bc	b	0.08	¼	10	133.0	,, [a.m.
80.0	29.670	87.0	29.620	29	29.999	30.027	81·0	75.0	82.0	75.0	85·0	75.0	6.0	7.0	.757	.742	72.0	68.0	N.E.	57	E.	64	4	2	C.U.	N.	NE	E	bc	bc	b	0.00	—	10	133.0	,,
81.0	29.660	86.0	29.588	30	29.985	29.903	81.0	75.0	80.0	75.0	84.0	76.0	6·0	5.0	.757	.775	72.0	75.0	E.	87	E.	82	10	4	A.S.	N.	E	E	o	bc	bc	0.67	1	8	133.0	,,
78.0	29.632	82.0	29.560	31	29.969	29.884	77.0	75.0	79.0	75.0	81.0	73·0	2.0	4.0	.829	.793	89.0	80.0	E.	80	C.	41	8	10	N.	A.S.	E	—	c	o	bc	0.00	—	8	124.0	,,
2336	917934	2350	916862	Sums	927305	926313	2436	2328	2437	2293	2584	2271	113	115	24638	24728	279	2 42		2404		1594	208	198	—	—	—	—	—	—	—	17.85	22¼	130	3970	
82.0	29.611	82.0	29.557	Means	30.234	29.881	79.0	75.0	78.0	74.0	83.0	73.0	4.0	4.0	.794	.797	84.0	78.0	E.	77	E.	51	6.0	6.0	—	—	—	—	—	—	—	26 Days		4.0	128.0	

Summaries

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
26	0	0	4	5	26	0	

Wind— No. of Observation s:

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.	
	11	0	4	13	3	0	0	0		—9 a.m.
	13	0	2	16	0	0	0	0		—6 p.m.

Extremes.

Highest corrected Reading of Barometer—30.019 on 19th
Lowest ,, ,, ,, —29.816 on 6th
Greatest Daily Rainfall — — 3.70 on 2nd
No. of days with Rainfall .04in or more—26
No. of Days of Temperature on Grass below °

Highest Temperature in Shade (Ab. max.)—86.0 on 22nd
Lowest ,, —70·0 on 1st and several days
Lowest Daily Maximum —101.0 on 2nd
Highest Daily Minimum —137.0 on 17th
Lowest Temperature on Grass

	Inches.	Parts
Total Rainfall from the 1st to 31st July, 1917.	17	85
,, for the corresponding period of last year	19	23

CHARLES RIGGS, *Observer.*

[KK.—8.]

Month of August. 1917.

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

Attached Thermometer 9 a.m.	Barometer as read 9 a.m.	Attached Thermometer 6 p.m.	Barometer as read 6 p.m.	Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	Air Pressure 6 p.m.	Air Temperature (degrees F.) 9 a.m. Dry.	9 a.m. Wet.	6 p.m. Dry.	6 p.m. Wet.	9 a.m. Max.	9 a.m. Min.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 6 p.m.	Vapour Pressure. 9 a.m.	Vapour Pressure. 6 p.m.	Per Centage. 9 a.m.	Per Centage. 6 p.m.	Wind. Direction and Force. In 15 hrs.	In 9 hrs.	Cloud. Amount. 9 a.m.	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. and 6 p.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	29.610	88.0	29.570	1	29.939	29.875	82.0	77.0	83.0	75.0	88.0	75.0	5.0	8.0	.830	.724	76.0	64.0	C. 19	C. 26	4	4	C.U.	C.I.	E	—	b c	b c	b	0.05	¼	10	138.0	Very warm day.
80.0	29.620	86.0	29.590	2	29.948	29.902	81.0	78.0	81.0	76.0	85.0	76.0	3.0	5.0	.897	.802	85.0	76.0	E. 44	C. 63	2	—	N.	—	E	—	b c	b	b	0.00	—	10	133.0	"
80.0	29.610	85.0	29.544	3	29.937	29.869	82.0	76.0	81.0	76.0	85.0	76.0	6.0	5.0	.785	.802	72.0	76.0	E. 48	E. 58	2	6	C.U.	N.	E	E	b c	c	b c	0.27	½	11	138.0	"
81.0	29.620	85.0	29.564	4	29.942	29.875	84.0	77.0	81.0	76.0	87.0	75.0	7.0	5.0	.794	.802	68.0	76.0	C. 53	C. 43	4	6	C.U.	C.I.	E	E	b c	c	b c	1.04	1½	9	138.0	" [storm 6 a.m.
75.0	29.544	83.0	29.500	5	29.893	29.821	73.0	72.0	80.0	76.0	82.0	71.0	1.0	4.0	.766	.820	94.0	80.0	C. 47	C. 34	10	8	N.	N.	—	E	r	c	c	2.90	5	2	121.0	O/cast with heavy rains, T/der
74.0	29.570	78.0	29.502	6	29.916	29.760	74.0	74.0	76.0	74.0	81.0	72.0	—	2.0	.840	.801	10.0	89.0	C. 65	C. 70	10	10	N.	N.	E	—	r	r	c	0.37	1	4	117.0	" " light rains T/der storm
80.0	29.598	84.0	29.540	7	29.916	29.858	81.0	76.0	80.0	75.0	85.0	73.0	5.0	5.0	.802	.775	78.0	75.0	E. 96	E. 75	2	6	N.	C.I.-C.U.	E	—	b c	c	b c	0.04	¼	8	134.0	Very warm day. [1 a.m.
80.0	29.600	87.0	29.552	8	29.931	29.861	81.0	75.0	81.0	75.0	85.0	75.0	6.0	6.0	.757	.757	72.0	72.0	E. 82	E. 61	2	2	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	135.0	"
79.0	29.610	82.0	29.590	9	29.942	29.916	79.0	76.0	77.0	75.0	85.0	75.0	3.0	2.0	.839	.829	85.0	89.0	E. 85	E. 53	8	10	N.	N.	E	E	c	r	b	0.38	½	10	135.0	"
80.0	29.650	84.0	29.602	10	29.979	29.920	80.0	76.0	80.0	76.0	85.0	75.0	4.0	4.0	.820	.820	80.0	80.0	C. 64	C. 45	8	—	A.S.	—	—	—	c	b	b	0.00	—	10	132.0	"
80.0	29.640	83.0	29.556	11	29.969	29.879	80.0	74.0	78.0	74.0	84.0	76.0	6.0	4.0	.732	.765	71.0	79.0	E. 61	E. 57	2	—	C.U.	—	E	—	b c	b	b	0.20	½	8	135.0	"
80.0	29.610	87.0	29.530	12	29.937	29.839	82.0	75.0	81.0	74.0	86.0	75.0	7.0	7.0	.742	.715	68.0	68.0	E. 73	C. 65	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	134.0	"
80.0	29.610	86.0	29.530	13	29.935	29.843	84.0	77.0	80.0	76.0	85.0	75.0	7.0	4.0	.794	.820	68.0	80.0	C. 50	E. 45	2	2	C.U.	N.	—	E	b c	b c	b c	0.33	1	8	134.0	"
80.0	29.610	86.0	29.580	14	29.937	29.871	82.0	76.0	82.0	76.0	86.0	76.0	6.0	6.0	.785	.785	72.0	72.0	N.E. 56	E. 54	2	—	C.U.	—	NE	—	b c	b	b	0.07	¼	10	134.0	"
80.0	29.620	80.0	29.554	15	29.949	29.883	80.0	76.0	77.0	75.0	84.0	76.0	4.0	2.0	.820	.829	80.0	89.0	E. 54	E. 55	10	10	N.	N.	E	E	o	r	b c	0.40	1	6	129.0	"
80.0	29.604	79.0	29.540	16	29.931	29.873	82.0	77.0	78.0	75.0	83.0	75.0	5.0	3.0	.830	.810	76.0	84.0	C. 89	C. 46	4	10	N.	N.	E	E	b c	o	b c	0.29	½	6	124.0	"
78.0	29.610	85.0	29.580	17	29.941	29.895	80.0	77.0	80.0	77.0	84.0	75.0	3.0	3.0	.867	.867	85.0	85.0	E. 85	C. 162	2	4	C.I.	N.	E	E	b c	b c	b o	0.06	¼	8	131.0	"
80.0	29.656	83.0	29.620	18	29.943	29.941	82.0	77.0	78.0	76.0	85.0	75.0	5.0	2.0	.830	.857	76.0	89.0	E. 68	E. 54	2	8	C.U.	N.	E	E	b c	c	b c	0.14	¼	10	135.0	"
80.0	29.656	88.0	29.600	19	29.983	29.904	82.0	76.0	83.0	76.0	87.0	76.0	6.0	7.0	.785	.766	72.0	68.0	C. 54	C. 35	—	—	—	—	—	—	b	b	b	0.32	½	10	136.0	"
81.0	29.606	81.0	29.550	20	29.929	29.877	83.0	77.0	79.0	76.0	83.0	76.0	6.0	3.0	.810	.889	72.0	85.0	E. 63	E. 73	2	10	C.U.	N.	E	E	b c	o	b	0.12	¼	10	128.0	"
81.0	29.590	80.0	29.600	21	29.915	29.911	81.0	77.0	82.0	77.0	86.0	77.0	4.0	5.0	.849	.830	80.0	76.0	E. 126	E. 59	8	—	N.	—	E	—	c	b	b	0.08	¼	10	137.0	"
80.0	29.640	81.0	29.600	22	29.966	29.930	83.0	77.0	76.0	75.0	87.0	76.0	6.0	1.0	.810	.848	72.0	94.0	E. 48	E. 52	4	10	C.I.-C.U.	N.	E	E	b c	r	b c	0.32	½	10	138.0	"
78.0	29.644	77.0	29.600	23	29.982	29.942	76.0	74.0	75.0	74.0	80.0	72.0	2.0	1.0	.801	.820	89.0	94.0	S.E. 92	E. 74	8	10	N	N.	SE	E	c	o	c	0.50	6	4	122.0	" Drizzling rains.
79.0	29.658	85.0	29.610	24	29.988	29.924	81.0	77.0	81.0	76.0	84.0	71.0	4.0	5.0	.849	.802	80.0	76.0	S.E. 121	E. 83	—	—	—	—	—	—	b	b	b	0.00	—	10	133.0	"
80.0	29.684	85.0	29.620	25	30.012	29.934	81.0	75.0	81.0	76.0	85.0	76.0	6.0	5.0	.757	.802	72.0	76.0	C. 69	E. 57	2	2	C.U.	C.U.	E	E	b c	b c	b	0.00	—	10	134.0	"
80.0	29.690	87.0	29.610	26	30.018	29.987	81.0	75.0	82.0	74.0	86.0	76.0	6.0	8.0	.757	.701	72.0	64.0	C. 60	C. 49	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	135.0	"
80.0	29.640	85.0	29.570	27	29.966	29.885	83.0	76.0	80.0	74.0	87.0	74.0	7.0	6.0	.766	.732	68.0	71.0	C. 10	E. 58	2	—	C.U.	—	E	—	b c	b	b	0.13	¼	10	138.0	"
80.0	29.610	87.0	29.530	28	29.938	29.838	81.0	76.0	82.0	76.0	84.0	73.0	5.0	6.0	.802	.785	76.0	72.0	E. 51	C. 70	—	—	—	—	—	—	b	b	b	0.05	¼	10	134.0	"
80.0	29.610	85.0	29.556	29	29.937	29.871	82.0	76.0	80.0	76.0	85.0	76.0	6.0	4.0	.785	.820	72.0	80.0	E. 55	E. 76	—	—	—	—	—	—	b	b	b	0.10	¼	11	135.0	"
79.0	29.640	88.0	29.560	30	29.969	29.896	82.0	76.0	82.0	75.0	89.0	74.0	6.0	7.0	.785	.742	72.0	68.0	C. 54	C. 29	2	—	C.U.	—	E	—	b c	b	b	0.00	—	11	138.0	"
80.0	29.610	84.0	29.540	31	29.938	29.856	81.0	76.0	82.0	78.0	86.0	76.0	5.0	4.0	.802	.777	73.0	89.0	C. 20	C. 15	4	6	N.	N.	E	E	b c	c	b c	0.42	1½	8	138.0	"
2467	918260	2610	91611	Sums	928426	926430	2500	2354	2478	2340	2634	2319	152	139	24888	24744	2077	2427	1982	1741	112	124	—	—	—	—	—	—	—	10.58	20½	274	4123	
79.0	29.621	83.0	29.552	Means	29.949	29.885	80.0	76.0	80.0	76.0	85.0	75.0	5.0	4.0	.803	.790	77.0	78.0 E.	64 E.	56	4.0	4.0	—	—	—	—	—	—	—	23 Days		9.0	133.0	

Summaries

Weather—
No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
23	0	0	2	18	13	0	

Wind—
No. of Observation at

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.
—9 a.m.		13	0	1	15	2	0	0	0
—6 p.m.		14	0	0	17	0	0	0	0

Highest corrected Reading of Barometer—30.018 on 26th
Lowest " " " —29.821 on 5th
Greatest Daily Rainfall — 2.90 on 5th
No. of days with Rainfall .04 in or more—23
No. of Days of Temperature on Grass below "

Extremes.

Highest Temperature in Shade (Ab. max.)—89.0 on 30th
Lowest " —71.0 on 5th
Lowest Daily Maximum —117.0 on 6th
Highest Daily Minimum —138.0 on 1st
Lowest Temperature on Grass

	Inches.	Parts
Total Rainfall from the 1st to 31st August, 1917, ...	10	58
" for the corresponding period of last year ...	7	60

CHARLES RIGGS, *Observer*

Month of September, 1917.

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. 5h. II.–6 p.m. 18h.
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. Hour of reading & setting max. & min. Thermometer

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. 9 a.m.	Min. 9 a.m.	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. Min. in Sun. Black bulb in vacuo.	REMARKS.
in.	in.				°	°	°	°	°	°	°	°	in.	in.																ins	hrs.	hrs.		
30.0	29.610	90.0	29.534	1	29.938	29.839	81.0	78.0	81.0	76.0	87.0	74.0	3.0	5.0	.897	.802	85·0	76.0	C. 13	C. 43	4	—	N.	—	E	—	b c	b	b	0.00	—	12	137.0	Very warm day.
31.0	29.610	88.0	29.560	2	29.938	29.865	83.0	77.0	83.0	77.0	87.0	76.0	6.0	6.0	.810	.810	72.0	72.0	S.E. 55	C. 80	—	—	—	—	—	—	b	b	b	0.00	—	12	133.0	,,
32.0	29.610	88.0	29.570	3	29.931	29.876	82.0	77.0	82.0	76.0	87.0	77.0	5.0	6.0	.830	.785	76.0	72.0	C. 76	C. 57	4	4	N.	N.	E	E	b c	b c	b	0.00	—	12	137.0	,,
31.0	29.610	88.0	29.560	4	29.934	29.866	82.0	76.0	82.0	76.0	87.0	77.0	6.0	6.0	.830	.785	76.0	76.0	N.E. 60	C. 22	4	—	C.U.	—	NE	—	b c	b	b	0.00	—	12	137.0	,,
31.0	29.610	92.0	29.540	5	29.934	29.864	82.0	76.0	79.0	76.0	86.0	77.0	6.0	3.0	.830	.839	76.0	85.0	E. 68	C. 31	6	8	N	N.	E	E	c	c	b c	0.65	1	8	131.0	,, T/der storm 1.30 p.m.
29.0	29.510	80·0	29.460	6	29.845	29.790	76.0	75.0	79.0	77.0	87.0	76.0	1.0	2.0	.848	.857	94.0	90.0	C. 37	C. 19	10	10	N.	A.S.	E	—	r	o	c	0.28	½	4	131.0	O/cast and showery.
28.0	29.554	83.0	29.540	7	29.893	29.861	75.0	73.0	80.0	76.0	84.0	73.0	2.0	4.0	.774	.820	69.0	80.0	E. 119	S.E. 60	10	10	N.	C.I.-C.U.	E	SE	r	o	b c	0.04	¼	6	134.0	,, at intervals T/der storm
30.0	29.604	88.0	29.520	8	29.933	29.842	80.0	74.0	79.0	74.0	86.0	74.0	6.0	5.0	.732	.749	71.0	75.0	N.E. 98	E. 78	6	—	C.U.	—	NE	—	c	b	b	0.10	½	10	136.0	Very warm day. (5 a.m.
30.0	29.560	96.0	29.524	9	29.888	29.836	81.0	76.0	81.0	76.0	86.0	74.0	5.0	5.0	.802	.802	76.0	76.0	C. 65	C. 58	—	4	—	C.I.	—	—	b	b c	b	0.50	2	10	135.0	,, 6 p.m. cool and bright
27.0	29.570	79.0	29.460	10	29.914	29.796	73.0	73.0	76.0	74.0	81.0	72.0	—	2.0	.812	.801	100	89.0	W. 51	E. 43	10	9	N.	C.I.-C.U.	W	—	r	c	b c	0.87	2	4	121.0	Heavy rains and T/der storm 9 a.m.
29.0	29.554	87.0	29.510	11	29.884	29.819	81.0	87.0	81.0	76.0	87.0	72.0	4.0	5.0	.849	.802	80.0	76.0	C. 38	C. 57	—	—	—	—	—	—	b	b	b	0.10	¾	10	134.0	Very warm day.
28.0	29.560	94·0	29.490	12	29.889	29.809	76.0	74.0	80.0	75.0	83.0	75.0	2.0	5.0	.801	.775	89.0	75.0	C. 22	E. 49	8	6	N.	C.I.	—	E	c	c	b	0.00	—	10	127.0	,,
31.0	29.570	88.0	29.440	13	29.834	29.747	82.0	76.0	82.0	74.0	87.0	75.0	6.0	8.0	.830	.701	76.0	64.0	E. 61	C. 43	4	—	C.U.	—	E	—	b c	b	b	0.00	—	11	137.0	,,
29.0	29.484	82.0	29.460	14	29.816	29.774	80.0	74.0	80.0	75.0	86.0	74.0	6.0	5.0	.732	.775	71.0	75.0	C. 22	C. 22	—	4	—	C.I.	—	—	b	b c	b	0.00	—	11	135.0	,,
30.0	29.492	86.0	29.440	15	29.821	29.751	83.0	77.0	83.0	77.0	88.0	74.0	6.0	6.0	.810	.810	72.0	72.0	C. 25	C. 19	4	6	C.I.	N.	—	—	b c	c	b	0.00	—	11	138.0	,,
31.0	29.540	87.0	29.506	16	29.864	29.814	82.0	76.0	82.0	77.0	87.0	76.0	6.0	5.0	.785	.830	72.0	76.0	S.E. 36	E. 67	2	6	C.U	C.I.S.	SE	—	b c	c'	b	0.00	—	11	134.0	,,
31.0	29.560	86.0	29.540	17	29.884	29.854	82.0	78.0	79.0	74.0	86.0	77.0	4.0	5.0	.877	.749	80.0	75.0	S.E. 96	E. 78	2	8	C.U.	C.U.N.	SE	E	b c	c	b	0.15	¼	11	135.0	,,
30.0	29.610	85.0	29.540	18	29.940	29.854	79.0	76.0	81.0	76.0	86.0	76.0	3.0	5.0	.839	.802	85.0	76.0	C. 31	C. 37	8	8	N.	C.U.N.	—	—	c	c	b	0.62	1	11	136.0	,,
31.0	29.604	86.0	29.530	19	29.928	29.842	82.0	77.0	81.0	76.0	87.0	75.0	5.0	5.0	.830	.802	76.0	76.0	S.E. 63	C. 34	2	—	C.U.	—	SE	—	b c	b	b	0.04	¼	10	135.0	,,
30.0	29.602	85.0	29·560	20	29.929	29.871	82·0	78.0	84.0	79.0	91.0	76.0	4.0	5.0	.877	.888	80.0	76.0	C. 55	C. 27	6	6	C.I.S.	C.I.-C.U.	—	—	c	c	b c	0.44	1	8	138.0	Heat oppressive.
27.0	29.613	83.0	29.560	21	29.968	29.881	77.0	73.0	80·0	76.0	84.0	71.0	4.0	4.0	.739	.820	79.0	80.0	S.E. 112	C. 73	8	6	C.I.S.	C.I.S.	SE	—	c	c	b	0.(0	—	10	136·0	,, T/der storm 5 a.m.
31.0	29.608	84·0	29.560	22	29.933	29.878	81.0	77.0	80.0	76.0	85·0	76.0	4.0	4.0	.849	.820	80.0	80.0	E. 61	E. 55	4	4	C.U.	N.	E	E	b c	c	b	0.12	½	10	136.0	,,
31.0	29.610	81·0	29.570	23	29.933	29.897	83.0	77·0	79.0	76.0	86.0	77.0	6.0	3.0	.810	.839	72.0	85.0	E. 61	E. 64	2	8	N.	N.	E	E	b c	c	b c	1.23	1½	6	137.0	O/cast at intervals.
27.0	29.630	81.0	29.510	24	29.980	29.887	75.0	73.0	79.0	74.0	83.0	75.0	2.0	5.0	.774	.749	89.0	75.0	E. 74	C. 37	8	8	N.	C.I.-C.U.	E	—	c	c	b	0.05	¼	10	136.0	Very warm day.
29.0	29.634	85.0	29.570	25	29.964	29.884	81.0	75.0	81.0	75.0	85.0	75.0	6.0	6.0	.767	.757	72.0	72.0	C. 58	C. 56	—	6	—	C.I.S.	—	—	b	c	b	0.00	—	11	136.0	,,
30.0	29.606	82.0	29.523	26	29.936	29.845	79.0	74.0	78.0	74.0	86.0	76.0	5.0	4.0	.749	.765	75.0	79.0	E. 42	C. 53	6	—	N.	—	E	—	c	b	b	0.11	½	11	136.0	,,
29.0	29.610	90.0	29.520	27	29.943	29.852	78.0	75.0	77.0	75.0	85.0	76.0	3.0	2.0	.810	.829	84.0	89.0	C. 59	C. 55	8	4	N.	F.R.C.U.	—	—	c	b c	b c	0.24	½	10	136.0	,,
29.0	29.630	79.0	29.574	28	29.961	29.909	80.0	75.0	76·0	72.0	82.0	73.0	5.0	4.0	.775	.713	75.0	79.0	C. 56	C. 56	4	8	C.I.	C.I.-C.U.	—	—	b c	c	b	0.13	¼	8	128.0	O/cast at intervals.
28.0	29.658	79.0	29.590	29	29.994	29.925	78·0	75.0	76.0	74.0	84·0	70.0	3.0	2.0	.810	.801	84.0	89.0	S.E. 67	E. 41	6	8	N.	N.	SE	E	c	c	b c	0.10	¼	8	132.0	,,
30.0	29.658	82.0	29.660	30	29.984	29.883	83.0	77.0	80.0	75.0	85.0	74.0	6·0	5.0	.810	.775	72.0	75.0	S.E. 52	C. 41	4	4	C.U.	C.I.	SE	—	b c	b c	b c	0.12	¼	8	132.0	Heavy T/der about 1.45 p.m.
890	847626	2519	885809	Sums	897518	896361	2389	2289	2401	2264	2571	2243	130	137	24278	23892	2378	2335	1735	1455	140	142	—	—	—	—		—	—	689	12½	286	4025	
29.0	29.587	84.0	29.527	Means	29.917	29.845	79.0	76.0	81.0	75.0	86.0	75.0	4.0	5.0	.609	.796	79.0	78.0	E. 58	E. 48	5.0	5.0	—	—	—	—		—	—	19 Days		9.0	134.0	

Summaries.

Weather— No. of days of

Rain, Snow, Hail, Thunderstorm, Clear Sky, Overcast, Fog, Gales.
19 0 0 5 26 10 0

Wind— No. of Observation of

Forces 4-7, Calm, N, NE, E, SE, S, SW, NW.
13 0 2 7 7 0 0 1 —9 a.m.
21 0 0 8 1 0 0 0 —6 p.m.

Highest corrected Reading of Barometer—29.994 on 29th
Lowest " " —29.747 on 13th
Greatest Daily Rainfall — — 1.50 on 9th
No. of days with Rainfall .04 in or more—19
No. of Days of Temperature on Grass below •

Extremes.

Highest Temperature in Shade (Ab. max.)—91.0 on 20th
Lowest " — 70·6 on 5th
Lowest Daily Maximum —121.0 on 10th
Highest Daily Minimum —138.0 on 15th
Lowest Temperature on Grass

Total Rainfall from the 1st to 30th September, 1917, ... Inches. 6 Parts 89
" for the corresponding period of last year 11 32

CHARLES RIGGS, *Observer.*

KK.—10.

Month of October, 1917.

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. Thermometers 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 (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.	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.
°	in.	°	in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.		
80.0	29.620	78.0	29.545	1	29.949	29.884	80.0	75.0	75.0	73.0	83.0	76.0	5.0	2.0	.775	.774	75.0	89.0
80.0	29.590	84.0	29.580	2	29.918	29.908	81.0	77.0	80.0	75.0	85.0	73.0	4.0	5.0	.849	.775	80.0	75.0
80.0	29.630	84.0	29.570	3	29.957	29.890	82.0	76.0	78.0	73.0	87.0	75.0	6.0	5.0	.785	.722	72.0	75.0
80.0	29.610	85.0	29.560	4	29.938	29.873	81.0	76.0	80.0	74.0	86.0	75.0	5.0	6.0	.802	.732	76.0	71.0
80.0	29.640	84.0	29.580	5	29.969	29.898	80.0	76.0	80.0	75.0	86.0	76.0	4.0	5.0	.820	.775	80.0	75.0
82.0	29.620	82.0	29.550	6	29.941	29.874	82.0	76.0	79.0	75.0	87.0	77.0	6.0	4.0	.785	.793	72.0	80.0
80.0	29.640	84.0	29.560	7	29.970	29.879	79.0	76.0	79.0	74.0	84.0	73.0	3.0	5.0	.839	.749	85.0	75.0
80.0	29.610	85.0	29.544	8	29.936	29.858	83.0	76.0	81.0	75.0	87.0	75.0	6.0	6.0	.766	.757	68.0	72.0
80.0	29.602	86.0	29.528	9	29.929	29.839	82.0	77.0	82.0	77.0	85.0	76.0	5.0	5.0	.830	.830	76.0	76.0
81.0	29.620	84.0	29.580	10	29.943	29.898	83.0	76.0	80.0	75.0	87.0	75.0	7.0	5.0	.766	.775	68.0	75.0
81.0	29.590	88.0	29.536	11	29.913	29.837	83.0	76.0	81.0	76.0	86.0	76.0	7.0	5.0	.766	.802	76.6	76.0
81.0	29.610	86.0	29.530	12	29.933	29.842	83.0	77.0	81.0	76.0	89.0	76.0	6.0	5.0	.810	.802	72.0	76.0
80.0	29.620	90.0	29.540	13	29.948	29.872	81.0	77.0	77.0	74.0	82.0	76.0	4.0	3.0	.849	.782	80.0	81.0
78.0	29.606	83.0	29.520	14	29.944	29.842	76.0	75.0	79.0	75.0	82.0	72.0	1.0	4.0	.848	.793	94.0	80.0
80.0	29.570	80.0	29.492	15	29.897	29.825	82.0	77.0	76.0	74.0	85.0	73.0	5.0	2.0	.830	.801	76.0	89.0
80.0	29.516	84.0	29.510	16	29.841	29.829	81.0	76.0	79.0	74.0	84.0	73.0	5.0	5.0	.802	.749	76.0	75.0
79.0	29.560	84.0	29.540	17	29.892	29.859	79.0	74.0	79.0	79.0	85.0	74.0	5.0	3.0	.749	.839	75.0	85.0
80.0	29.570	85.0	29.540	18	29.898	29.855	81.0	76.0	80.0	76.0	84.0	75.0	5.0	4.0	.802	.820	76.0	80.0
80.0	29.570	84.0	29.502	19	29.898	29.820	81.0	76.0	80.0	75.0	85.0	75.0	5.0	5.0	.802	.775	76.0	75.0
80.0	29.580	82.0	29.490	20	29.909	29.816	80.0	77.0	78.0	75.0	86.0	76.0	3.0	3.0	.867	.810	85.0	84.0
80.0	29.560	83.0	29.502	21	29.896	29.823	80.0	77.0	80.0	75.0	84.0	75.0	3.0	5.0	.867	.775	85.0	75.0
79.0	29.558	84.0	29.510	22	29.890	29.829	79.0	76.0	80.0	76.0	84.0	73.0	3.0	4.0	.839	.820	85.0	80.0
79.0	29.566	84.0	29.482	23	29.898	29.802	79.0	76.0	79.0	75.0	83.0	74.0	3.0	4.0	.839	.793	85.0	80.0
79.0	29.560	85.0	29.484	24	29.891	29.800	80.0	75.0	80.0	75.0	84.0	75.0	5.0	5.0	.775	.775	75.0	75.0
81.0	29.594	85.0	29.528	25	29.918	29.842	82.0	76.0	81.0	76.0	86.0	76.0	6.0	5.0	.785	.767	72.0	72.0
80.0	29.600	85.0	29.536	26	29.928	29.850	81.0	77.0	81.0	76.0	86.0	75.0	4.0	5.0	.849	.757	80.0	72.0
79.0	29.620	84.0	29.536	27	29.951	29.854	80.0	77.0	80.0	76.0	85.0	76.0	3.0	4.0	.867	.820	85.0	80.0
81.0	29.610	86.0	29.544	28	29.934	29.857	82.0	77.0	80.0	76.0	86.0	75.0	5.0	4.0	.830	.820	76.0	80.0
80.0	29.552	83.0	29.470	29	29.881	29.792	80.0	76.0	80.0	74.0	87.0	74.0	4.0	6.0	.820	.732	80.0	71.0
80.0	29.600	83.0	29.484	30	29.928	29.806	81.0	76.0	80.0	75.0	87.0	75.0	5.0	4.0	.802	.775	76.0	75.0
80.0	29.554	84.0	29.170	31	29.883	29.790	80.0	75.0	79.0	75.0	85.0	75.0	5.0	5.0	.775	.793	75.0	80.0
2480	917348	2553	916337	Sums	928634	925242	2504	2369	2464	2326	2642	2320	143	138	25191	24273	2422	2407
			29.559															
80.0	29.592	82.0		Means	29.956	29.846	81.0	76.0	79.0	75.0	85.0	75.0	5.0	4.0	.813	.780	78.0	78.0

Date.	Wind Direction and Force	Wind 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.	Cloud 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 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.
													ins	hrs	hrs.		
1	C.	65 E.	49	8	10	A.S.	N.	SE	E	c	r	bc	1.27	1½	5	134.0	O/cast at intervals, Light showers.
2	E.	104 C.	16	4	4	C.U.	C.L.-C.U.	E	—	b c	b c	b	0.00	—	10	137.0	Very warm day.
3	E.	34 E.	42	6	4	C.L.-C.U.	C.L.-C.U.	E	—	c	b c	b	0.00	—	11	138.0	Heat oppressive.
4	E.	22 C.	64	—	4	—	C.L.	—	—	b	b c	b	0.05	¼	10	135.0	,,
5	S.E.	57 E.	55	4	4	N.	C.L.	SE	E	b c	b c	b	0.00	—	10	137.0	,,
6	C.	100 C.	43	8	6	C.L.S.	N.	—	—	c	c	b	0.25	½	10	138.0	,,
7	E.	67 C.	40	8	6	N.	C.L.-C.U.	E	—	r	c	b	0.00	—	10	138.0	,,
8	E.	37 C.	44	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	138.0	,,
9	C.	26 E.	70	2	—	C.U.	—	—	—	b c	b	b	0.00	—	11	133.0	,,
10	C.	40 C.	45	—	—	—	—	—	—	b	b	b	0.00	—	11	138.0	,,
11	E.	27 E.	60	2	4	C.U.	C.L.	E	E	b c	b c	b	0.00	—	11	134.0	,,
12	E.	34 C.	39	2	—	C.U.	—	E	—	b c	b	b	0.15	¼	11	139.0	,,
13	C.	53 C.	52	6	8	N.	N.	—	—	c	c	b c	1.05	1	8	123.0	O/cast at intervals
14	E.	45 C.	48	10	6	N.	C.L.S.	E	—	r	c	b c	0.30	½	8	132.0	,,
15	E.	41 E.	43	6	8	C.U.	N.	E	E	c	c	b c	0.75	¾	6	135.0	,,
16	E.	49 C.	37	4	—	C.U.	—	E	—	b c	b	b	0.05	¼	8	134.0	,, a.m.
17	C.	57 E.	47	4	6	C.L.-C.U.	C.U.	—	E	b c	c	b	0.00	—	10	137.0	Very warm day;
18	E.	46 C.	77	4	4	N.	C.L.	E	—	b c	b c	b	0.00	—	10	134.0	,,
19	E.	44 E.	44	2	—	C.U.	—	E	—	b c	b	b	0.07	¼	10	134.0	,,
20	E.	32 E.	51	4	2	N.	N.	E	E	b c	b c	b	0.97	1½	10	136.0	T/der storm 6 p.m
21	E.	110 E.	63	6	2	N.	C.U.	E	E	c	b c	b c	0.88	1	6	133.0	O/cast at intervals.
22	C.	77 C.	62	8	4	N.	N.	E	E	c	b c	b c	0.46	½	8	137.0	,, a.m.
23	N.E.	57 E.	54	4	2	N.	C.U.	NE	E	b c	b c	b c	0.12	¼	10	132.0	,,
24	E.	55 E.	54	2	2	C.L.	N.	E	E	b c	b c	b	0.00	—	10	135.0	Very warm day.
25	E.	48 E.	50	2	2	C.L.	N.	E	E	b c	b c	b	0.10	¼	10	135.0	,,
26	C.	40 E.	31	2	—	C.U.	—	—	—	b c	b	b	0.19	¼	10	137.0	,,
27	E.	51 E.	53	8	—	N.	—	E	—	c	b	b	0.12	¼	10	134.0	,,
28	E.	78 S.E.	41	—	—	—	—	—	—	b	b	b	0.25	¼	10	137.0	,,
29	S.E.	52 E.	41	2	—	C.L.	—	E	—	b c	b	b	0.05	¼	10	137.0	,,
30	C.	63 E.	44	—	—	—	—	—	—	b	b	b	0.30	½	10	135.0	,,
31	C.	50 E.	53	2	2	C.U.	C.U.	—	E	b c	b c	b	0.54	4	10	136.0	
Sums		1691	1512	122	93	—	—	—	—	—	—	—	7.92	33	291	4192	
													20				
Means	E.	55 E.	46	4.0	3.0	—	—	—	—	—	—	—	Days		9.0	135.0	

Summaries.

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
20	0	0	1	24	7	0	

Wind— No. of Observation of

	Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.
—9 a.m.		10	0	1	18	2	0	0	0
—6 p.m.		12	0	0	18	1	0	0	0

Highest corrected Reading of Barometer—29.970 on 7th
Lowest ,, ,, —29.790 on 31st
Greatest Daily Rainfall — 1.27 on 1st
No. of days with Rainfall .04 in or more—20
No. of Days of Temperature on Grass below °

Extremes.

Highest Temperature in Shade (Ab. max.)—89.0 on 12th
Lowest ,, — 72.0 on 14th
Lowest Daily Maximum —123.0 on 13th
Highest Daily Minimum —139.0 on 12th
Lowest Temperature on Grass

		Inches.	Parts
Total Rainfall from the 1st to 31st October, 1917.	... ...	7	92
,, for the corresponding period of last year	... ...	4	57

CHARLES RIGGS, *Observer*

Month of November, 1917.

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. 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.		Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°.		Air Temperature. (degrees F.)						Humidity.						Wind.		Cloud						Weather		Rain.		Sunshine	Radiation.		REMARKS.
Barometer as read.					Dry.	Wet.	Dry.	Wet.	9 a.m.		Dep. of Wet.		Vapour Pressure.		Per Centage.		Direction and Force.		Amount.		Form.		Direction whence coming.		at time of observation.		during 9 a.m. interval ended	Amount during 24 hrs. beginning	Estimated duration.	Estimated Duration.	Mean Solar Rad. Black Bulb in vacuo.	
9 a.m.	6 p.m.		9 a.m.	6 p.m.	9 a.m.		6 p.m.		Max.	Min.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	In 15 hrs.	In 9 hrs.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	9 a.m.	hrs.	hrs.		
	in.	°	in.		in.	in.	°	°	°	°	°	°	in.	in.														ins.				
77.0	29.514	80.0	29.440	1	29.854	29.774	77.0	73.0	75.0	73.0	83.0	70.0	4.0	2.0	.739	.774	79.0	89.0	C.	69	E.	54	8	8	A.S.	C.U.N.	—	—	c	c	b	—	—	10	138.0	Very warm day.
77.0	29.484	78.0	29.408	2	29.825	29.754	76.0	73.0	74.0	72.0	80.0	71.0	3.0	2.0	.756	.748	84.0	89.0	C.	92	C.	59	8	10	A.S.	N.	—	—	c	r	b c	1.72	2	6	129.0	Heavy rains a.m.
79.0	29.436	82.0	29.410	3	29.812	29.736	80.0	75.0	78.0	74.0	83.0	70.0	5.0	4.0	.775	.765	75.0	79.0	E.	133	E.	92	8	8	A.-C.U.	C.U.N.	E	E	c	c	b c	2.80	4	8	133.0	O/cast at intervals. [3.30-7.30 a.m.
74.0	29.450	79.0	29.440	4	29.801	29.775	74.0	73.0	77.0	74.0	81.0	76.0	1.0	3.0	.793	.785	94.0	84.0	C.	69	E.	65	10	8	N.	C.U.N.	E	E	r	c	b c	0.05	½	4	133.0	Heavy rains. T'der and L'ing from
79.0	29.504	84.0	29.450	5	29.834	29.770	81.0	76.0	79.0	76.0	84.0	72.0	5.0	3.0	.802	.839	76.0	85.0	C.	27	E.	44	4	6	C.U.	N.	E	E	b c	b c	b	0.04	¼	8	133.0	O/cast at intervals.
80.0	29.520	80.0	29.444	6	29.847	29.775	82.0	77.0	78.0	75.0	82.0	74.0	5.0	3.0	.830	.810	76.0	84.0	C.	18	C.	25	6	8	C.I.S.	C.I.-C.U.	—	—	c	c	b c	0.04	¼	8	123.0	"
80.0	29.514	84.0	29.460	7	29.842	29.779	81.0	76.0	80.0	76.0	85.0	75.0	5.0	4.0	.802	.820	76.0	80.0	E.	60	C.	61	2	4	C.I.-C.U.	N.	E	E	b c	b c	b	0.00	—	10	135.0	Very warm day.
80.0	29.570	84.0	29.480	8	29.898	29.799	81.0	77.0	80.0	76.0	84.0	76.0	4.0	4.0	.849	.820	80.0	80.0	C.	77	C.	70	8	—	C.I.-C.U.	—	—	—	c	b	b	0.00	—	10	132.0	"
80.0	29.570	84.0	29.524	9	29.898	29.842	81.0	77.0	80.0	76.0	88.0	76.0	4.0	4.0	.849	.820	80.0	80.0	E.	42	C.	32	2	—	C.U.	—	E	—	b c	b	b	0.00	—	11	139.0	Heat oppressive.
80.0	29.580	85.0	29.510	10	29.907	29.881	82.0	77.0	80.0	76.0	86.0	73.0	5.0	4.0	.830	.820	76.0	80.0	C.	34	C.	45	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	134.0	"
80.0	29.580	85.0	29.530	11	29.919	29.848	80.0	75.0	80.0	76.0	86.0	76.0	5.0	4.0	.775	.820	75.0	80.0	E.	57	C.	38	2	—	C.U.	—	E	—	b c	b	b	0.00	—	10	135.0	"
80.0	29.590	84.0	29.530	12	29.931	29.843	82.0	76.0	79.0	74.0	86.0	76.0	6.0	5.0	.785	.749	72.0	75.0	E.	50	E.	67	2	6	C.U.	C.U.N.	E	E	b c	c	b	0.00	—	10	137.0	"
80.0	29.664	83.0	29.520	13	29.971	29.832	81.0	75.0	79.0	74.0	85.0	76.0	6.0	5.0	.757	.749	72.0	75.0	E.	69	E.	61	2	6	C.U	C.I.S.	E	E	b c	c	b	0.00	—	10	133.0	"
81.0	29.646	83.0	29.510	14	29.898	29.828	81.0	76.0	80.0	75.0	87.0	75.0	5.0	5.0	.802	.775	76.0	75.0	E.	65	C.	48	—	6	—	C.I.S.	—	—	b	c	b	0.00	—	10	138.0	"
80.0	29.580	84.0	29.510	15	29.931	29.852	80.0	76.0	79.0	75.0	86.0	75.0	4.0	4.0	.802	.793	76.0	80.0	C.	59	E.	50	4	6	N.	C.I.-C.U.	E	E	b c	c	b	0.00	—	10	138.0	"
80.0	29.602	83.0	29.530	16	29.957	29.844	82.0	76.0	79.0	74.0	85.0	75.0	6.0	5.0	.785	.749	72.0	75.0	C.	67	C.	53	4	6	C.U.	C.I.S.	E	—	b c	c	b	0.00	—	10	139.0	"
80.0	29.630	82.0	29.520	17	29.914	29.839	81.0	76.0	79.0	75.0	86.0	76.0	5.0	4.0	.802	.793	76.0	80.0	E.	58	C.	62	—	—	—	—	—	—	b	b	b	0.08	¼	10	135.0	"
80.0	29.586	84.0	29.520	18	29.924	29.844	79.0	77.0	79.0	75.0	85.0	74.0	2.0	4.0	.887	.793	90.0	80.0	E.	37	C.	43	6	—	N.	—	E	—	c	—	b	0.05	¼	10	137.0	"
79.0	29.592	82.0	29.520	19	29.978	29.846	81.0	75.0	79.0	73.0	86.0	74.0	6.0	6.0	.757	.707	72.0	71.0	C.	22	E.	42	—	—	—	—	—	—	b	b	b	0.00	—	10	137.0	"
80.0	29.650	85.0	29.580	20	29.940	29.854	81.0	75.0	79.0	73.0	88.0	73.0	6.0	6.0	.757	.707	72.0	71.0	C.	28	E.	18	—	—	—	—	—	—	b	b	b	0.00	—	10	138.0	"
79.0	29.610	82.0	29.580	21	29.941	29.870	80.0	75.0	80.0	74.0	86.0	74.0	5.0	6.0	.775	.732	75.0	71.0	E.	23	E.	45	4	—	N.	—	E	—	b c	b	b	0.00	—	10	136.0	"
79.0	29.610	84.0	29.552	22	29.919	29.842	82.0	75.0	79.0	74.0	85.0	74.0	7.0	5.0	.742	.749	68.0	75.0	S.E.	44	C.	46	4	—	C.U.	—	SE	—	b c	b	b	0.00	—	10	137.0	"
79.0	29.590	83.0	29.520	23	29.920	29.834	83.0	74.0	79.0	74.0	85.0	74.0	9.0	5.0	.684	.749	60.0	75.0	C.	33	C.	62	—	6	—	C.U.N.	—	—	b	c	b	0.00	—	10	138.0	"
80.0	29.594	82.0	29.510	24	29.939	29.828	80.0	74.0	80.0	73.0	86.0	76.0	6.0	7.0	.732	.690	71.0	67.0	E.	73	C.	57	8	—	C.I.S.	—	E	—	c	b	b	0.07	¼	10	137.0	"
80.0	29.610	84.0	29.510	25	29.909	29.822	79.0	73.0	77.0	71.0	82.0	71.0	6.0	6.0	.707	.658	71.0	71.0	E.	35	C.	31	2	4	C.U.	C.I.-C.U.	E	—	b c	b c	b c	0.15	¼	8	127.0	O/cast at intervals.
78.0	29.580	80.0	29.490	26	29.895	29.816	80.0	73.0	78.0	72.0	80.0	72.0	7.0	6.0	.69-	.681	67.0	71.0	E.	43	E.	118	2	—	C.U.	—	E	—	b c	b	b	0.28	½	10	136.0	Very warm day.
79.0	29.564	82.0	29.490	27	29.901	29.847	80.0	75.0	78.0	72.0	84.0	75.0	5.0	6.0	.775	.681	75.0	71.0	S.E.	42	E.	50	4	2	N	N.	SE	E	b	b c	b	0.00	—	10	134.0	"
79.0	29.570	83.0	29.524	28	29.922	29.866	81.0	74.0	82.0	74.0	87.0	74.0	7.0	8.0	.715	.715	68.0	68.0	C.	32	C.	39	2	—	C.U.	—	E	—	—	b c	b	0.40	½	10	138.0	"
79.0	29.602	84.0	29.550	29	29.921	29.839	76.0	75.0	73.0	72.0	81.0	73.0	1.0	1.0	.848	.766	94.0	94.0	C.	26	E.	51	8	8	N.	N.	E	E	c	b	b c	0.62	2	4	110.0	O/cast at intervals, with Light
77.0	29.580	75.0	29.4 0	29	29.921	29.839	76.0	75.0	73.0	72.0	81.0	73.0	1.0	1.0	.848	.766	94.0	94.0	C.	26	E.	44	2	4	C.U.	N.	E	E	b c	b c	b	0.00	—	10	135.0	Very warm day. showers.
79.0	29.804	82.0	29.540	30	29.935	29.875	80.0	71.0	78.0	73.0	83.0	75.0	9.0	5.0	.613	.722	59.0	75.0	E.	44	E.	59	2	4	C.U.	N.	E	E	b c	b c	b	0.00	—	10	135.0	Very warm day.
2474	88.7180	2469	884062	8nms	897083	871753	2401	2250	2357	2221	2535	2215	154	136	23215	22577	2257	2330		1543		1587	114	106	—	—	—	—		—	—	6.54	11¼	275	4021	
82.0	29.573	82.0	29.498		Means	29.903	29.158	80.0	75.0	78.0	74.0	84.0	73.1	5.0	4.1	.773	.739	75.0	77.0	E.	51	E.	53	4.0	4.0	—	—	—	—		—	—	12 Days		9.0	134.0	

Summaries.

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
12	0	0	1	23	7	0	

Wind— No. of Observation at

Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.	
	14	0	0	14	2	0	0	0	—9 a.m.
	16	0	0	14	0	0	0	0	—6 p.m.

Extremes.

Highest corrected Reading of Barometer—29.978 on 19th
Lowest " " " —29.736 on 3rd
Greatest Daily Rainfall — 2.80 on 3rd
No. of days with Rainfall .04 in or more— 12
No. of Days of Temperature on Grass below °

Highest Temperature in Shade (Ab. max.)—88.0 on 9th
Lowest " — 70.0 on 1st
Lowest Daily Maximum —110.0 on 29th
Highest Daily Minimum —139.0 on 16th
Lowest Temperature on Grass

	Inches.	Parts
Total Rainfall from the 1st to 30th November, 1917.	6	54
" for the corresponding period of last year ...	15	10

CHARLES RIGGS, *Observer.*

L. KK.—12.

Month of December, 1917.

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

Attached Thermometer. Barometer as read. 9 a.m.		Attached Thermometer. Barometer as read. 6 p.m.		Date.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 9 a.m.	Air Pressure at Mean Sea Level expressed in inches of Mercury at 32° F. and standard Gravity Latitude 45°. 6 p.m.	Air Temperature. (degrees F.) Dry. 9 a.m.	Wet. 9 a.m.	Dry. 6 p.m.	Wet. 6 p.m.	9 a.m. Max.	9 a.m. Min.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 6 p.m.	Vapour Pressure. 9 a.m.	Vapour Pressure. 6 p.m.	Per Centage. 9 a.m.	Per Centage. 6 p.m.	Wind. Direction and Force. In 15 hrs.		In 9 hrs.		Cloud. Amount. 9 a.m.	Amount. 6 p.m.	Form. 9 a.m.	Form. 6 p.m.	Direction whence coming. 9 a.m.	Direction whence coming. 6 p.m.	Weather at time of observation. 9 a.m.	Weather at time of observation. 6 p.m.	Rain. during interval ending at 9 a.m.	Amount during 24 hrs. beginning 9 a.m.	Sunshine. Estimated duration.	Sunshine. Estimated Duration.	Radiation. Minimum. Black bulb in vacuo.	REMARKS.
	in.		in.		in.	in.	°	°	°	°	°	°	°	°	in.	in.															ins	hrs.	hrs.		
79.0	29.594	82.0	29.540	1	29.904	29.865	81.0	74.0	78.0	73.0	84.0	74.0	7.0	5.0	.715	.722	68.0	75.0	E.	53	C.	43	2	2	C.U.	C.U.	E	E	b c	b c	b	0.12	½	10	135.0	Very warm day.
78.0	29.574	81.0	29.510	2	29.908	29.839	80.0	74.0	78.0	72.0	84.0	71.0	6.0	6.0	.732	.681	71.0	71.0	C.	27	C.	50	2	8	C.U.	C.I.S.	E	—	b c	c	b	0.00	—	10	137.0	,,
79.0	29.566	81.0	29.502	3	29.890	29.831	81.0	74.0	77.0	73.0	85.0	74.0	7.0	4.0	.715	.739	68.0	79.0	C.	86	E.	50	—	6	—	N.	—	—	b	c	b	0.24	¼	10	137.0	,,
77.0	29.559	80.0	29.470	4	29.901	29.802	76.0	75.0	77.0	74.0	80.0	70.0	1.0	3.0	.848	.783	94.0	84.0	C.	74	E.	52	10	8	N	N.	E	E	r	c	b c	0.48	½	8	137.0	O/cast at intervals.
78.0	29.568	81.0	29.470	5	29.894	29.799	78.0	71.0	78.0	72.0	82.0	74.0	6.0	6.0	.642	.681	67.0	71.0	E.	138	W.	77	4	—	N.	—	E	—	b c	b	b	0.14	½	6	134.0	O/cast and cloudy.
76.0	29.544	80.0	29.510	6	29.889	29.842	75.0	73.0	77.0	70.0	82.0	72.0	2.0	7.0	.774	.620	89.0	67.0	E.	91	E.	72	8	4	N.	N.	E	E	r	b c	b	0.17	½	8	131.0	,,
78.0	29.560	79.0	29.502	7	29.846	29.836	78.0	74.0	77.0	73.0	83.0	73.0	4.0	4.0	.765	.739	79.0	79.0	C.	100	S.E.	56	10	10	A.S.	A.S.	—	SE	o	o	b c	0.08	¼	8	127.0	,,
78.0	29.570	81.0	29.530	8	29.904	29.878	80.0	74.0	78.0	72.0	84.0	73.0	6.0	6.0	.732	.681	71.0	71.0	N.E.	92	C.	78	2	2	C.U.	C.U.	NE	—	b c	b c	b c	0.33	½	8	133.0	Light showers a.m.
78.0	29.588	81.0	29.530	9	29.924	29.858	78.0	74.0	78.0	73.0	82.0	72.0	4.0	5.0	.765	.722	79.0	75.0	C.	98	E.	71	—	6	—	N.	—	E	b	c	b c	0.16	¼	8	136.0	O/cast at intervals.
78.0	29.600	80.0	29.540	10	29.935	29.795	79.0	73.0	78.0	72.0	82.0	73.0	6.0	6.0	.707	.681	71.0	71.0	N.E.	101	E.	67	4	2	C.U.	N.	NE	E	b c	b c	b c	0.33	½	8	133.0	,,
77.0	29.592	81.0	29.540	11	29.931	29.868	78.0	72.0	78.0	72.0	84.0	73.0	6.0	6.0	.681	.681	71.0	71.0	C.	101	C.	53	4	—	A.C.U.	—	—	—	b c	b	b	0.17	¼	10	137.0	Delightful weather.
77.0	29.570	82.0	29.506	12	29.908	29.931	79.0	72.0	78.0	71.0	85.0	71.0	7.0	7.0	.666	.642	67.0	67.0	C.	25	C.	24	—	—	—	—	—	—	b	b	b	0.00	—	10	136.0	,,
77.0	29.520	79.0	29.430	13	29.859	29.769	78.0	73.0	75.0	73.0	86.0	72.0	5.0	2.0	.722	.774	75.0	89.0	C.	26	C.	23	2	4	C.U.	N.	—	—	b c	b c	b	0.00	—	10	138.0	,,
77.0	29.520	83.0	29.480	14	29.859	29.804	78.0	73.0	78.0	73.0	84.0	72.0	5.0	5.0	.722	.774	75.0	89.0	E.	15	C.	36	2	—	C.U.	—	E	—	b c	b	b	0.10	¼	10	138.0	,,
77.0	29.580	81.0	29.530	15	29.920	29.859	77.0	74.0	77.0	73.0	82.0	71.0	3.0	4.0	.738	.738	84.0	79.0	C.	23	C.	54	2	—	C.U.	—	E	—	b c	b	b	0.12	¼	10	134.0	,,
76.0	29.570	83.0	29.510	16	29.913	29.833	77.0	73.0	78.0	72.0	83.0	71.0	4.0	6.0	.739	.681	79.0	71.0	C.	23	C.	41	—	—	—	—	—	—	b	b	b	0.00	—	10	131.0	,,
78.0	29.560	80.0	29.460	17	29.894	29.793	80.0	74.0	76.0	72.0	85.0	72.0	6.0	4.0	.782	.713	71.0	79.0	C.	18	C.	23	—	—	—	—	—	—	b	b	b	0.00	—	10	138.0	,,
77.0	29.530	84.0	29.456	18	29.867	29.786	79.0	74.0	79.0	73.0	85.0	71.0	5.0	6.0	.749	.707	75.0	71.6	C.	22	C.	20	2	—	C.I.-C.U.	—	—	—	b c	b	b	0.00	—	10	137.0	,,
77.0	29.544	81.0	29.510	19	29.881	29.842	80.0	74.0	78.0	73.0	85.0	71.0	6.0	5.0	.732	.722	71.0	75.0	C.	16	C.	38	—	2	—	C.U.	—	—	b	b c	b	0.00	—	10	137.0	,,
78.0	29.630	85.0	29.530	20	29.934	29.846	80.0	74.0	79.0	74.0	86.0	73.0	6.0	5.0	.732	.749	71.0	85.0	E.	37	E.	43	—	—	—	—	—	—	b	b	b	0.00	—	10	134.0	,,
79.0	29.602	80.0	29.516	21	29.930	29.848	80.0	75.0	77.0	75.0	85.0	74.0	5.0	2.0	.775	.829	75.0	89.0	E.	20	C.	39	6	8	C.I.S.	C.I.-C.U.	E	—	c	c	b	0.56	¼	10	135.0	,,
77.0	29.590	75.0	29.480	22	29.934	29.829	78.0	72.0	74.0	71.0	81.0	71.0	1.0	2.0	.766	.722	94.0	89.0	S.E.	40	S.E.	81	10	10	N.	N.	SE	—	r	o	b c	0.55	½	4	121.0	O/cast at intervals.
78.0	29.570	80.0	29.510	23	29.905	29.841	79.0	76.0	78.0	73.0	86.0	71.0	3.0	5.0	.839	.722	85.0	75.0	C.	21	C.	14	8	8	N.	C.I.S.	—	—	c	c	b c	0.80	1¼	6	138.0	,,
76.0	29.570	78.0	29.504	24	29.916	29.842	74.0	73.0	76.0	73.0	81.0	70.0	2.0	3.0	.748	.756	89.0	84.0	N.E.	26	C.	32	10	8	R.	N.	NE	E	r	c	b c	0.20	½	8	133.0	,,
77.0	29.590	75.0	29.530	25	29.928	29.879	79.0	75.0	73.0	72.0	81.0	70.0	4.0	1.0	.793	.766	80.0	94.0	C.	30	C.	22	8	10	C.I.-C.U.	N.	—	—	c	r	c	1.40	4	—	105.0	O/cast, misty, and light showers.
75.0	29.554	75.0	29.442	26	29.902	29.841	74.0	72.0	73.0	70.0	76.0	70.0	2.0	3.0	.748	.680	89.0	84.0	E.	34	E.	33	10	10	N.	N.	E	E	o	o	c	0.74	3.	—	109.0	,,
75.0	29.530	78.0	29.460	27	29.875	29.799	77.0	72.0	76.0	70.0	82.0	70.0	5.0	6.0	.697	.633	75.0	71.0	E.	74	N.W	46	8	4	C.I.S.	C.U.N.	E	NW	c	b c	b	0.00	—	10	134.0	Fine weather.
76.0	29.520	80.0	29.450	28	29.861	29.793	79.0	72.0	76.0	70.0	81.0	71.0	7.0	6.0	.666	.633	67.0	71.0	C.	51	E.	41	—	6	—	C.I.-C.U.	—	—	b	c	b	0.00	—	10	128.0	Total Eclipse of the moon 4 a.m.
75.0	29.550	80.0	29.508	29	29.897	29.837	75.0	70.0	77.0	71.0	81.0	71.0	5.0	6.0	.650	.658	74.0	71.0	N.E.	20	C.	42	8	6	C.I.-C.U.	C.I.-C.U.	NE	—	c	c	b	0.00	—	10	130.0	Fine weather.
77.0	29.570	80.0	29.510	30	29.909	29.902	78.0	72.0	77.0	72.0	83.0	73.0	6.0	5.0	.681	.697	71.0	75.0	N.E.	25	N.E.	35	8	8	N.	N.	NE	NE	c	c	b c	0.14	¼	8	133.0	,,
75.0	29.550	81.0	29.474	31	29.898	29.802	73.0	71.0	79.0	74.0	84.0	70.0	2.0	5.0	.722	.749	89.0	75.0	N.E.	42	C.	15	10	8	N.	C.I.-C.U.	NE	—	r	c	b c	0.20	½	8	137.0	,,
23.0	9.6539	2487	29.4510	Sums	929967	929967	241	2268	2387	2241	357	2224	144	146	22893	22176	2894	2387		1558		1371	140	140	—	—	—	—		—	—	7.08	15½	258	4103	
77.0	29.566	80.0	29.501	Means	29.902	29.834	78.0	73.0	77.0	72.0	88.0	72.0	4.0	4.0	.732	.715	77.0	77.0	E.	50	E.	44	5.0	5.0	—	—	—	—		—	—	20 Days		8.0	132.0	

Summaries

Weather— No. of days of

Rain,	Snow,	Hail,	Thunderstorm,	Clear Sky,	Overcast,	Fog,	Gales.
20	0	0	0	19	22	0	

Wind— No. of Observations in

Forces 4-7,	Calm,	N,	NE,	E,	SE,	S,	SW,	NW.	
16	0	6	8	1	0	0	0		—9 a.m.
18	0	1	8	2	0	1	1		—6 p.m.

Extremes.

Highest corrected Reading of Barometer—29.934 on 29th
Lowest " " " —29.767 on 13th
Greatest Daily Rainfall — 1.40 on 25th
No. of days with Rainfall .04 in or more— 20
No. of days of Temperature on Grass below °

Highest Temperature in Shade (Ab. max.)—86.0 on 13th
Lowest " —70.0 on 4th
Lowest Daily Maximum —105.0 on 25th
Highest Daily Minimum —188.0 on 13th
Lowest Temperature on Grass

Total Rainfall from 1st to 31st December, 1917, ... Inches. 7 Parts 08
" for the corresponding period of last year 6 04

CHARLES BIGGS, *Observer*

[KK.—13].

RAINFALL RETURN FOR THE YEAR 1917.

Observation Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	12 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.	Ins.	Ins.	Date.		
Richmond Hill ...	3.73	2.89	2.95	.17	2.12	5.83	17.85	10.58	6.89	7.92	6.54	7.08	74.55	3.70	July 2nd	207	
Samaritan ...	4.78	3.94	2.14	.19	2.63	8.64	18.37	14.62	13.10	7.86	10.95	7.38	94.60	6.50	Nov. 3rd	248	
Palmiste ...	5.20	3.60	4.38	.53	2.29	8.54	21.46	12.92	14.33	12.74	7.75	7.37	101.01	3.28	Sept. 10th	258	
Plaisance (Sauteurs)...	4.87	4.72	2.40	.63	3.56	9.31	20.29	14.12	13 44	8.81	13.45	7.74	103.34	5.96	Nov, 3rd	235	
Belmont ...	3.61	2.54	1.75	.34	3.20	6.17	18.31	11.86	8.94	5.31	14.32	6.24	82.59	4.20	Nov. 4th	?	
Bellevue ...	5.98	4.45	3.32	.88	3.98	8.91	22.46	16.56	12.49	12.63	23.27	11.29	126.22	7.31	Nov. 1st	259	
Carriere Works ...	2.97	2.58	.76	.34	2.31	6.58	14.79	8.68	7.29	9.19	9.63	6.08	71.20	3.45	Oct. 31st	130	
Mt. Pleasant ...	8.52	5.22	4.38	1.08	4.63	8.89	22.31	14.80	13.38	15.71	16.67	13.11	128.70	4.19	Nov. 3rd	264	
Dunfermline ...	4.69	2.69	1.31	.42	2.28	6.48	14 58	8.66	6.89	8.85	8 49	6.14	71.50	2.95	,,	210	
Chantilly ...	8.04	4.79	3.71	.96	4.02	8.06	20.18	12.45	11.76	13.83	14.67	12.56	114.93	4.80	,,	?	
Annandale ...	8.69	6.81	5.64	1.12	4.72	11.26	24.41	16.70	16.76	16.24	12.12	12.57	137.04	3.50	,,	296	
Grand Bacolet ...	4.13	3.63	1.71	.31	2.21	3.92	17.02	9.19	7.11	9.29	13.27	6.56	78.35	4.09	Nov. 1st	231	
Mt. Edgecumbe ...	5.06	4.43	4.33	.52	3.32	10.33	20.84	14.71	17.32	8.92	10.08	10.07	109.93	5.53	Sept. 10th	245	
Springbank ...	...	...	2.31	.30	4.34	9.76	19.72	12.86	13.75	6.85	12.81	6.20	...	...	...	...	Returns incomplete
Hope ...	3.37	3.20	1.79	.19	1.75	3.92	14.47	..	5.89	7.01	...	...	...	...	...	...	Do. do.
Plaisance (St. John's)	11.46	7.87	6.64	1.77	5 42	11.79	31.47	21.72	20.01	20.53	16.28	21.25	176.23	4.88	Nov. 3rd	278	
Sauteurs ...	3.18	1.44	1.47	.12	.88	4.48	16.85	11.34	8.13	2.58	10.84	2.80	64.39	3.90	Nov. 4th	162	
Waltham ...	...	2.56	2.26	.18	1.97	...	...	...	...	...	...	...	...	...	...	...	Do. do.
Balthazar ...	7.17	...	2.63	.62	...	10.87	...	...	...	...	...	...	...	...	...	...	Do. do.
Tuilleries ...	4.69	4.00	3.22	.44	3.25	6.64	17.65	10.88	10.65	8.21	15.08	7.43	92.14	4.05	Nov. 3rd	199	
Carriacou ...	2.22	1.73	1.01	...	...	...	16.10	...	...	...	...	...	...	...	...	...	Do. do.
Morne Feadue ...	3.63	3.20	1.53	.07	...	...	15.32	11.34	8.94	6.78	10.64	3.50	...	...	...	...	Do. do.
Mt. Nesbit ...	6.08	3.06	4.82	...	...	...	22.50	15.31	15.58	13.32	8.73	8.82	...	...	...	...	Do. do.
Point Saline L'thouse	1.26	1.06	.79	.00	.60	2.79	10.45	6.79	4.28	2.67	9 03	2.78	42.50	5.70	Nov. 3rd	98	
Woodford ...	3.24	...	...	...	...	6.83	18.31	7.20	12.28	10.12	7.74	4.82	...	...	...	...	Do. do.
Dougaldston ...	6.29	4.83	4.89	.62	3.77	10.54	25.88	15.72	16.41	11.30	7.65	8.10	116.00	5.95	Sept. 10th	237	
Belvidere ...	10.29	5.95	5.27	1.03	5.13	13.06	28.37	19.19	16.17	20.57	16.34	18.28	159.65	4.38	Dec 25th	260	
Les Avocats W. Works	10.53	5.55	4.79	.91	4.04	8.83	22.46	15.67	12.36	12.16	13.27	14.04	124.61	4.24	Nov. 3rd	229	
Bon Accord (Works)	3.30	2.49	2.19	.04	1.31	4.68	...	11.10	11.27	11.74	12.19	8.86	...	...	...	...	Do. do.
Grand Etang ...	10.91	5 87	6.56	1.20	4.66	11.04	27.51	17.89	13.70	19.13	18.59	18.00	155.06	4.50	Dec. 25th	253	
Nianganfoix ...	8.34	4.69	3.48	.75	3.82	8.63	20.34	14.27	12.01	14.18	17.98	12.21	120.70	4.50	Nov. 3rd	262	
Maran ...	6.15	5.47	4.18	.37	3.25	9.73	24.58	16.84	16.28	10.46	10.79	9.50	117.60	3.80	Sept. 10th	197	
Mt. Horne ...	5.31	3.69	1.85	.40	2.70	6.05	18.05	13.35	9.62	10.84	15.61	9.56	97.03	3.98	Nov. 3rd	179	
Marli (Lower Sauteurs)	3.43	1.69	1.85	.18	2.26	5.58	17.57	10.93	11.31	5.96	3.89	3.06	73.32	4.23	..	198	
Nonpariel ...	4.71	2.50	2.34	.18	2.71	8.68	19.24	14.73	18.04	9.05	10 49	6.82	99.49	5.42	..	230	[Returns incomplete
Lower Market, G'ville	2.99	1.77	1 38	...	...	3.91	*8.85	10.10	12.23	6.27	10.42	4.69	...	...	...	...	*Gauge collapsed.
Mt. Cassel ...	...	...	...	...	...	...	...	...	...	...	11.17	9.43	...	...	...	...	Commenced November, 1917.