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TRINIDAD. and Tobago

Annual return of Rainfall from 74 Stations,

and

METEOROLOGICAL RESULTS

for

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at

ST. CLAIR EXPERIMENT STATION.

METEOROLOGICAL.

1909.

with

Meteorological Means, 1862 to 1909.

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March 28, 2002

ROYAL BOTANIC GARDENS, ANNUAL RAINFALL, 1862 TO 1909, INCLUSIVE.

Year.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total Rainfall in each year in Inches.	Decades
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		
1862 ...	0·00	·66	·77	·25	1·41	8·47	10·36	9·57	11·97	6·60	10·06	3·03	63·15	
1863 ..	1·54	2·71	1·45	·85	1·26	9·12	10·12	10·53	12·11	6·24	4·30	6·57	66·80	
1864 ...	2·51	·53	·36	·04	8·15	4·96	7·17	12·06	8·04	6·53	5·94	6·61	62·90	
1865 ...	2·62	3·20	1·07	7·98	3·22	5·64	10·35	14·83	7·32	14·62	4·81	9·62	85·28	
1866 ...	2·24	3·91	1·44	1·09	1·45	6·59	7·83	12·34	5·87	10·11	8·17	6·82	67·86	
1867 ...	1·31	6·36	·83	1·32	2·33	5·30	12·20	15·21	10·45	7·87	·67	2·71	66·56	
1868 ...	2·06	·82	3·20	·64	4·17	7·78	11·35	6·73	5·46	4·66	8·31	1·03	56·21	
1869 ...	·08	·93	·74	·41	·69	5·52	10·17	8·74	8·86	5·15	6·30	5·87	53·46	
1870 ...	2·61	·56	1·46	1·51	4·65	8·81	11·91	9·00	10·63	3·98	5·94	8·29	69·35	
1871	6·62	1·40	2·89	·92	3·97	8·84	11·73	12·97	7·87	4·37	10·73	3·27	75·58	
1872 ...	1·45	·07	·74	·39	3·14	7·09	5·45	10·82	3·07	4·80	9·89	3·04	49·95	
1873 ...	1·78	1·08	1·98	·53	0·00	4·31	5·04	8·37	5·80	10·34	3·48	1·31	44·02	
1874 ...	3·47	1·96	3·67	5·16	2·51	12·28	12·28	11·20	9·38	6·42	3·66	4·29	76·28	
1875 ...	3·39	·91	·56	·42	2·61	4·15	12·62	7·22	11·95	10·85	3·74	2·48	60·90	
1876 ...	3·26	1·03	1·78	1·67	6·65	11·17	12·23	15·18	12·03	7·04	5·95	3·96	81·95	
1877 ...	2·14	0·00	7·46	3·38	3·19	8·43	8·35	12·94	6·39	6·68	7·66	5·48	72·10	
1878 ...	3·44	·70	0·00	3·22	4·99	5·78	5·42	8·88	11·15	5·89	8·72	3·05	61·24	
1879 ...	1·52	2·76	4·56	3·03	3·08	14·92	6·86	10·35	6·15	3·54	4·28	4·38	65·43	
1880 ...	11·72	6·53	·67	2·32	3·90	7·83	6·30	17·39	7·47	5·74	10·51	1·96	82·34	
1881 ...	·57	·65	·23	1·60	4·66	11·05	7·82	10·90	10·59	3·36	12·06	2·23	65·72	
1882 ...	1·33	2·38	·73	1·57	3·74	6·33	5·93	8·40	4·93	5·86	10·29	1·50	52·99	
1883 ...	1·56	·71	·26	3·37	5·89	10·91	13·66	10·26	5·53	3·99	6·06	8·30	70·50	
1884 ...	3·43	2·50	4·40	1·51	2·91	6·84	5·71	8·70	5·03	5·05	5·14	5·66	56·88	
1885 ...	1·30	·89	1·49	·43	5·27	3·44	5·87	4·56	6·08	4·08	5·37	4·44	43·22	
1886 ...	3·32	1·97	3·27	3·83	4·49	9·70	17·48	8·15	6·73	12·59	8·54	6·75	86·82	
1887 ...	2·69	1·46	1·67	1·08	3·98	7·40	5·51	9·93	5·07	5·84	7·60	11·86	64·09	
1888 ...	8·37	1·79	2·41	2·28	3·46	11·92	6·89	7·02	5·53	5·06	7·76	2·95	65·44	
1889 ...	·94	·85	4·16	1·05	6·34	11·66	12·14	11·73	3·76	6·30	7·38	7·48	73·79	
1890 ...	7·76	·51	2·09	7·62	5·14	9·68	12·89	11·65	3·37	10·98	5·93	5·28	82·90	
1891 ...	3·17	·92	·03	1·44	2·54	5·54	11·88	4·26	7·44	5·77	6·66	4·09	53·74	
1892 ...	1·93	2·19	1·85	7·59	11·55	16·26	15·55	9·21	3·57	11·49	5·40	4·69	91·28	
1893 ...	3·43	1·85	·19	3·61	11·35	10·19	13·28	16·32	11·73	5·47	7·84	7·23	92·49	
1894 ...	3·22	2·36	3·12	1·22	2·69	3·26	4·53	12·06	5·48	3·93	7·28	3·16	52·31	
1895 ...	2·52	1·33	2·27	2·52	2·11	5·00	2·57	4·86	5·69	10·89	15·15	7·32	62·23	
1896 ...	7·08	·88	1·59	2·33	1·62	10·29	6·35	7·66	6·46	6·05	9·81	6·33	66·45	
1897 ...	1·67	·75	3·96	·26	5·58	11·19	13·88	7·90	9·83	8·87	9·39	4·40	77·68	
1898 ...	3·05	2·18	2·10	1·17	1·49	6·46	5·87	10·55	7·13	6·15	9·13	3·57	58·85	
1899 ...	1·95	1·82	1·00	·75	·52	7·63	4·44	8·45	2·18	6·34	8·07	3·61	46·76	
1900 ...	3·56	·76	2·72	4·10	4·14	12·99	7·95	11·07	5·52	6·53	5·35	2·45	67·14	
1901 ...	1·95	1·51	1·85	·35	6·45	9·21	8·38	7·53	4·26	4·97	7·93	4·83	59·22	
1902 ...	2·56	·51	1·18	1·78	2·14	10·05	5·20	11·67	7·22	7·40	2·74	2·89	55·34	
1903 ...	1·51	·68	1·54	2·17	·95	5·42	9·40	9·45	11·41	2·12	2·59	4·20	51·44	
1904	3·00	2·56	4·24	2·50	2·76	6·23	8·03	4·72	8·81	5·65	3·61	4·32	56·43	
1905 ...	2·41	·59	3·74	1·79	4·34	6·01	9·49	11·09	10·43	6·94	10·69	4·16	71·68	
1906 ...	·43	·50	·73	·46	7·96	10·95	11·42	8·55	6·54	6·80	5·00	5·64	64·98	
1907 ...	5·22	·44	1·71	·09	4·58	11·01	11·02	5·77	7·76	7·65	10·69	4·10	70·04	
1908 ...	·75	·45	1·79	·95	5·32	5·22	5·87	7·72	5·45	5·45	2·65	8·68	50·80	
1909 ...	5·69	2·43	1·15	1·78	3·87	8.31	10·72	6·29	6.95	7·15	3·93	6·31	64·58	
Grand Total ...	140·13	74·54	93·10	96·33	189·21	397·14	437·47	470·76	352·45	320·16	333·16	232·20	3137·15	
Avg. Monthly Rainfall for 48 yrs., 1862–1909	2·91	1·55	1·93	2·00	3·94	8·27	9·11	9·80	7·34	6·67	6·94	4·83	65·35*	

* 48 years yearly average.

METEOROLOGICAL MEAN ANNUAL RECORDS, 1888 TO 1909, INCLUSIVE.

Years.	Barometer. Mean Daily Register.	Thermometer. Mean Maximum.	Thermometer. Mean Minimum.	Mean Annual Temperature	Mean Annual Relative Humidity.	Rainfall.
1888—January to December ...	29·835	87·5	69·7	78·6	81·	65·44
1889	29·947	87·7	70·1	78·9	79·	73·79
1890	29·964	86·1	69·0	77·5	79·	82·90
1891	29·954	87·8	70·1	78·9	76·	53·74
1892	29·954	87·2	70·2	78·7	80·	91·14
1893	29·954	87·4	68·5	78·1	80·	92·49
1894	29·971	87·8	69·1	78·4	78·	52·31
1895	29·962	87·8	69·5	78·6	76·	62·23
1896	29·956	87·8	70·3	79·0	80·	66·45
1897	29·962	87·9	70·3	79·1	80·	77·68
1898	29·954	87·6	69·2	78·4	80·	71·44
1899	29·979	89·3	69·5	79·4	75·	46·76
1900	29·979	87·9	70·8	79·3	80·	67·36
1901	29·975	87·2	70·1	78·6	79·	58·16
1902	29·990	87·6	69·6	78·6	82·	55·34
1903	29·974	89·2	68·7	78·9	78·	51·44
1904	30·007	86·1	68·3	77·0	81·	56·43
1905	29·989	86·4	69·3	77·8	79·	71·68
1906	29·985	87·2	69·4	78·3	80·	64·98
1907	29·994	86·7	69·3	78·0	82·	70·40
1908	29·993	86·8	69·2	78·0	81·	50·80
1909	30·009	86·8	69·5	78·1	83·	64·58
Totals	659·287	1923·8	1529·7	1726·2	1749·	1447·54
Mean for 22 years	29·967	87·4	69·5	78·4	79·	65·79

Station—66·7 feet above mean sea level.

METEOROLOGICAL RESULTS FOR 1909, OBSERVATIONS TAKEN AT THE ST. CLAIR EXPERIMENT STATION.

MONTH.	Barometer. Reduced Readings. 7 A.M.	Barometer. Reduced Readings. 3 P.M.	Thermometer. Dry & Wet Bulb. 7 A.M. D.	7 A.M. W.	3 P.M. D.	3 P.M. W.	Mean Maximum.	Mean Minimum.	Mean Temperature, Blackened Bulb in Vacuo.	Mean Temperature, Thermometer on Grass.	Humidity.	Tension of Aqueous Vapour.	Rainfall.	Dew Point, 7 A.M.	Dew Point, 3 P.M.
	Bar.	Bar.													
1909.	In.	In.	°	°	°	°	°	°	°	°	°	°	In.	°	°
January ...	29·980	29·947	70·6	69·9	81·1	76·7	85·7	67·6	149·5	60·7	86·	·774	5·69	69·3	73·7
February ...	30·010	29·997	72·2	70·7	82·3	76·9	85·1	68·1	150·4	59·0	83·	·772	2·43	69·5	73·2
March ...	30·011	29·963	72·5	71·0	83·5	76·8	86·6	66·4	153·2	63·4	78·	·759	1·15	69·8	72·3
April ...	30·036	29·986	72·6	71·7	82·8	75·7	86·3	68·7	149·6	64·4	81·	·772	1·78	71·5	70·9
May ...	30·032	29·977	73·9	73·0	84·2	71·2	87·8	69·7	148·8	65·0	87·	·874	3·87	71·3	79·2
June ...	30·048	30·302	74·8	73·6	81·1	77·6	86·1	70·1	148·4	65·8	87·	·840	8·31	72·7	75·2
July ...	30·053	30·326	74·4	73·5	81·5	76·2	86·1	71·0	149·2	65·4	85·	·812	10·72	72·8	72·6
August ...	30·028	29·994	74·6	73·4	83·1	77.2	87·2	70·7	154·7	66·6	80·	·798	6·29	71·5	73·2
September ...	29·989	29·953	74·0	73·7	82·3	78·3	87·9	70·5	153·6	65·9	86·	·828	6·95	70·7	75·6
October ...	29·979	29·917	75·6	74·5	82·3	78·2	88·2	70·7	155·3	66·7	86·	·854	7·15	73·7	75·4
November ...	29·902	29·910	74·1	72·7	83·9	78·5	88·5	70·7	157·0	66·0	83·	·826	3·93	71·6	74·9
December ...	29·966	29·920	74·3	72·9	82·7	76·7	87·0	71·0	149·9	66·9	82·	·798	6·31	71·8	72·6
	360034	360192	883·6	870·6	990·8	920·0	1042·5	835·2	1819·6	775·8	1004	9707	64·58	856·2	888·8
Monthly Average for year ...	30·002	30·016	73·6	72·5	82·5	76·6	86·8	69·6	151·6	64·6	83·	·808	5·38	71·3	74·0
Mean daily height of Barometer	30·009		Mean Annual Temperature... 78·2						Total Rainfall ... 64·58						

Station—66·7 feet above mean sea level.

SUNSHINE RECORD FOR YEAR 1909.

Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1 ...	9 56	2 45	6 25	7 27	3 15	5 00	4 05	... ...	4 10	8 15	7 30	9 26
2 ...	9 45	6 05	6 25	5 22	0 10	5 17	6 20	9 05	3 44	7 11	1 54	9 05
3 ...	... ...	7 00	9 35	3 20	1 30	10 09	7 15	5 00	10 03	4 55	3 12	3 12
4 ...	7 47	9 40	9 25	3 59	0 35	2 35	8 30	2 20	8 45	... ...	6 00	10 00
5 ...	9 40	4 40	3 05	0 28	1 30	10 04	3 15	6 30	3 05	3 00	9 50	8 17
6 ...	8 45	6 55	3 15	10 05	3 15	... ...	... ...	5 00	2 25	7 49	5 00	9 00
7 ...	4 40	7 45	... ...	9 03	... ...	3 30	5 05	7 45	5 05	8 25	2 45	0 35
8 ...	8 30	7 55	8 00	5 17	... ...	1 00	7 47	1 00	6 21	7 35	6 00	4 02
9 ...	9 20	6 50	... ...	5 06	0 02	7 50	1 20	8 20	2 18	... ...	9 30	4 30
10 ...	9 40	4 15	3 25	6 25	5 11	3 45	8 17	9 50	7 31	8 15	10 00	9 00
11 ...	5 50	8 50	4 20	7 12	6 04	1 49	9 45	10 00	5 50	6 18	8 35	9 20
12 ...	7 05	6 10	7 45	0 52	8 17	4 00	7 55	7 52	4 10	6 35	9 30	9 18
13 ...	3 40	8 10	8 49	4 24	7 46	9 32	6 15	8 55	6 50	5 00	9 40	4 35
14 ...	8 40	... ...	2 40	4 57	2 03	7 11	2 05	10 10	6 01	1 44	9 36	1 32
15 ...	8 45	5 00	5 50	5 02	6 09	... ...	0 35	7 40	... ...	7 00	9 00	4 10
16 ...	8 05	7 20	7 43	4 10	9 00	2 27	6 15	5 15	7 43	6 40	7 11	2 26
17 ...	4 30	8 10	9 53	7 00	10 01	1 30	6 31	6 30	5 36	8 31	7 00	10 20
18 ...	7 10	7 45	9 00	1 37	9 30	... ...	4 30	2 30	5 10	2 36	4 45	9 00
19 ...	3 20	5 15	8 05	2 22	9 26	... ...	8 15	7 40	6 15	4 01	4 00	0 55
20 ...	5 45	9 00	8 02	2 57	10 04	0 24	10 00	5 00	5 17	4 41	2 00	1 10
21 ...	9 05	7 00	7 42	... ...	2 23	8 10	0 44	0 15	7 20	6 45	0 15	7 40
22 ...	6 05	6 00	9 33	3 53	6 00	10 00	5 10	3 50	5 52	5 40	7 45	9 25
23 ...	9 30	9 40	9 11	1 46	10 00	8 20	4 40	4 45	2 33	9 36	8 00	9 20
24 ...	... ...	6 45	9 00	0 36	9 05	2 47	8 00	6 00	6 45	6 25	9 00	5 00
25 ...	5 15	6 05	9 13	0 14	6 33	6 45	2 15	7 00	9 25	6 47	9 45	4 27
26 ...	... ...	7 10	9 27	7 11	7 03	3 20	6 00	8 50	8 15	5 48	9 45	8 16
27 ...	7 30	0 50	9 43	8 30	5 47	5 15	1 30	7 10	6 12	6 40	9 45	9 00
28 ...	3 55	5 55	10 00	7 17	6 23	1 00	6 15	10 00	5 14	6 11	5 15	1 15
29 ...	2 50	... ...	9 40	5 35	8 01	6 05	3 15	... ...	6 52	4 06	5 30	2 30
30 ...	0 25	... ...	9 47	7 00	2 02	8 11	3 30	4 35	5 15	4 10	3 10	5 40
31 ...	9 45	... ...	10 00	... ...	0 40	... ...	8 35	9 05	... ...	6 18	... ...	8 25
	155.5	140.1	199.9	139.3	157.8	136.0	163.6	187.9	170.0	159.0	201.4	190.5

ANNUAL RETURN OF RAINFALL FOR THE ISLAND OF TRINIDAD FROM 74 STATIONS.

STATIONS.	1909.												
	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Royal Botanic Gardens, St. Clair	5·69	2·43	1·15	1·78	3·87	8·31	10·72	6·29	6·95	7·15	3·93	6·31	64·58
Colonial Hospital, Port-of-Spain	2·73	1·05	1·33	2·83	2·48	6·29	9·05	5·57	5·59	6·29	2·97	5.51	51·69
Royal Gaol, Port-of-Spain	3·49	1·50	1·38	2·53	3·03	7·95	9·00	4·88	6·34	6·13	2·73	5·89	54·85
Constabulary Head Quarters, Port-of-Spain	2·82	1·20	...	3·05	2·59	8·85	9·70	6·57	6·40	7·14	3·10	5·94	57·36
Reservoir, St. Ann's	5·22	2·57	1·30	4·54	2·86	11·32	10·37	10·73	10·07	11·48	2·07	8·83	81·36
Coblentz Avenue, St. Ann's	5·00	2·28	1·63	2·80	4·22	7·36	11·77	6·86	6·11	8·32	2·72	6·62	66·19
Reservoir, Maraval	6·74	2·96	0·78	4·01	2·34	10·01	11·09	9·77	12·28	10·03	5·40	10·88	86·29
Constabulary Station, Maraval	5·13	3·49	0·54	4·76	4·16	9·79	14·39	10·04	14·65	9·28	5·58	10·74	92·55
Constabulary Station Diego Martin	2·45	3·30	0·37	3·29	2·42	7·93	0·98	4·73	9·31	8·09	6·33	8·91	66·11
Waterworks, Diego Martin	3·48	4·02	0·75	3·67	2·77	9·15	14·38	4·70	6·88	7·00	4·52	8·89	70·21
"River" Estate, Diego Martin	3·63	5·11	0·68	4·13	3·51	9·59	14·40	6·32	6·98	7·08	5·86	11·78	79·07
Signal Station, North Post	3·65	3·00	0·80	3·25	2·67	7·16	11·66	3·81	6·46	6·04	5·71	8·97	63·18
Signal Station, Fort George	5·91	1·98	0·54	3·09	4·12	8·68	11·78	5·31	7·84	7·42	4·23	8·07	69·07
Constabulary Station, Carenage	6·30	2·33	0·59	3·81	4·24	12·50	11·22	7·31	3·49	7·63	3·84	4·53	67·79
Constabulary Station, Santa Cruz	5·05	3·35	0·80	6·36	3·46	13·32	13·14	8·51	14·93	6·86	3·71	13·04	92·53
Constabulary Station, St. Joseph	4·63	1·43	1·10	1·62	3·45	9·70	8·39	5·79	11·70	6·37	4·49	4·46	63·13
Ortinola Estate, Maracas	5·31	3·37	0·65	4·50	3·68	10·11	10·54	5·00	10·25	7·68	8·18	8·83	78·10
Government School, Maracas	4·37	3·73	0·81	4·60	3·12	9·83	11·44	5·83	11·71	9·13	7·80	11·42	83·79
Orange Grove Eactory, Tacarigua	6·04	1·56	0·61	3·22	4·70	10·86	13·46	10·46	10·85	11·56	9·17	14·90	97·39
Torrecilla Estate, Arima	5·74	3·07	1·27	5·33	7·38	18·07	15·77	10·50	11·29	14·06	11·13	7·52	111·13
Talparo Estate, Guanapo	5·49	2·70	1·03	6·76	5·81	14·54	13·33	12·34	7·47	16·42	8·45	14·95	109·29
Constabulary Station, San Rafael	5·56	4·15	1·28	3·14	4·66	15·83	15·15	8·05	8·22	12·46	8·57	11·21	98·28
Sta. Estella Estate, Sangre Grande	7·13	6·97	1·36	5·72	6·41	14·52	12·93	14·79	10·00	12·56	16·61	11·84	120·84
Frederick Estate, Caroni	6·91	4·76	2·32	4·11	7·15	17·81	18·04	14·40	14·46	15·48	5·82	14·39	125·64
Carried forward	...	...	...	...	...	...	...	...	...	...	...	...	...

ANNUAL RETURN OF RAINFALL FOR THE ISLAND OF TRINIDAD FROM 74 STATIONS.—CONTINUED.

STATIONS.	1909. January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Brought forward	...	...	.	...	...	...	...	...	...	...	...	...	...
Constabulary Station, Chaguanas	3·91	1·69	0·41	5·97	4·94	12·00	7·58	10·95	7·73	11·14	6·02	10·44	82·78
Woodford Lodge Factory, Chaguanas	4·02	1·42	0·22	5·79	5·85	12·92	8·66	12·04	10·04	13·60	5·29	8·82	88·67
Waterloo Estate, Carapichaima	3·58	0·77	0·41	7·73	3·63	12·21	10·04	10·10	11·12	8·03	6·85	9·01	83·48
Exchange Estate, Couva	5·14	0·52	0·09	6·94	3·04	9·70	7·48	6·59	10·67	7·75	5·11	6·63	69·66
Milton „ „	5·98	0·62	0·39	3·91	4·76	12·44	8·15	8·11	8·26	6·80	6·34	8·00	73·76
Brechin Castle Estate, Couva	5·16	0·91	0·13	5·06	4·37	10·94	9·56	8·64	13·34	7·76	5·92	7·28	79·07
Spring „ „	5·36	0·70	0·16	4·79	4·42	12·40	10·32	7·41	9·27	8·46	6·54	12·50	82·33
Perseverance „ „	4·45	0·50	0·06	6·79	3·05	9·68	7·29	7·70	8·84	7·13	5·34	6·83	67·66
Camden „ „	4·33	0·51	0·09	4·92	3·22	11·08	7·33	5·42	8·52	7·92	5·21	6·13	64·68
Constabulary „ „	4·30	0·56	...	3·42	2·60	12·16	7·69	7·93	11·87	8·31	3·41	9·00	71·25
Esperanza „ Savonetta	4·62	0·76	0·05	3·47	3·19	9·35	7·37	7·55	12·62	8·78	5·71	7·29	70·76
Forres Park Estate, Claxton's Bay	3·85	0·80	0·22	3·66	4·12	10·30	6·84	7·44	10·12	6·78	6·53	7·41	68·07
Bonne Aventure Estate, Pointe-à-Pierre	3·12	0·82	0·46	3·04	4·66	11·79	9·88	4·61	6·78	10·48	6·49	9·74	71·87
Concord Estate, „ „	4·87	1·06	0·25	3·35	4·35	9·35	10·45	6·85	5·30	9·80	4·55	8·05	68·23
Union Hall Estate, Naparima	5·24	0·49	1·74	3·13	4·88	9.52	11·35	5·04	6·82	10·47	6·48	8·08	73·24
Cedar Hill „ „	6·60	0·89	0·63	4·58	4·57	9·42	11·23	6·09	4·21	11·12	5·63	8·80	73·77
Usine Ste. Madeleine,, ...	5·01	0·86	0·76	3·39	4·60	8·55	10·99	5·36	4·54	9·83	5·80	9·33	69·52
Picton Estate, „	3·51	0·63	1·19	3·15	4·46	8·42	12·05	7·98	3·20	11·35	8·59	8·04	72·57
Lewisville, „	5·47	1·55	0·76	3·03	4·44	8·73	11·29	5·22	6·84	10·51	6·88	8·08	72·80
Craignish Estate, „	6·95	0·30	2·32	6·30	4·38	8·35	13·10	6·63	6·77	8·98	6·69	10·08	80·85
Plein Palais Estate, „	6·48	0·55	0·28	4·00	4·40	8·39	7·15	7·97	3·54	10·51	8·31	7·62	69·20
La Fortuné „ „	3·45	1·31	1·27	3·82	4·30	5·67	10·87	9·74	3·75	8·16	8·66	8·32	69·32
Carried forward													

ANNUAL RETURN OF RAINFALL FOR THE ISLAND OF TRINIDAD FROM 74 STATIONS.—CONTINUED.

STATIONS.	1909. January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Brought forward													
Pluck Estate, Oropuche	3·17	1·25	·50	4·60	6·68	9·20	13·15	4·87	4·00	9·70	3·59	8·00	68·71
Constabulary Station, Oropuche	2·40	·80	1·15	4·61	3·47	10·94	13·85	5·31	6·66	6·86	4·74	7·80	68·59
" " Siparia	4·18	1·93	2·10	4·02	10·26	12·40	26·21	7·61	4·51	13·68	7·57	12·61	107·08
Adventure Estate, Guapo	4·61	2·29	1·13	2·75	4·71	8·81	12·31	3·77	3·20	10·34	7·48	4·26	65·66
Constabulary Station, Cap-de-Ville	6·82	5·61	1·15	3·46	5·70	12·55	18·47	6·89	3·78	9·31	6·85	5·25	85·84
" " Cedros	4·48	4·00	4·19	1·77	2·80	6·67	8·96	1·32	3·37	3·40	1·76	11·55	54·27
La Ressource Estate, Erin	2·38	·96	·65	3·65	3·02	5·99	13·52	3·17	4·28	6·56	4·03	11·71	58·92
Constabulary Station, Moruga...	1·84	3·56	·35	1·83	2·54	2·16	7·41	1·81	2·14	3·75	1·51	5·25	34·15
" " Mayaro...	1·28	1·19	·54	2·73	2·69	5·20	4·96	2·39	2·84	5·79	3·32	5·12	38·05
" " Manzanilla	7·95	3·97	1·08	5·55	6·20	13·22	15·33	9·61	8·07	14·29	13·33	11·64	110·24
La Juanita Estate, Matura	6·86	5·20	1·84	8·02	9·12	14·02	17·31	11·76	7·95	17·01	15·06	6·61	120·76
Mon Plaisir Estate, Grand Rivière	5·81	6·64	1·43	8·06	8·87	...	12·61	9·50	7·13	13·29	10·63	11·42	95·39
Aragua House—Toco	2·62	5·86	·46	9·24	7·10	11·77	10·56	5·95	7·19	11·47	10·95	11·17	94·34
Constabulary Station, Toco	2·91	7·11	·52	9·07	8·65	11·26	9·98	7·22	6·49	10·41	8·06	9·47	91·15
" " Blanchisseuse	2·99	11·07	1·51	8·00	3·79	9·31	17·97	4·21	7·06	12·14	5·42	12·46	95·93
La Vega Estate, Prasso	7·38	1·86	·52	6·26	4·67	12·98	14·15	8·97	7·38	13·65	11·54	10·71	100·07
Constabulary Station, Montserrat	8·71	1·48	·60	5·42	4·89	14·39	9·54	8·81	12·39	9·49	7·95	10·39	94·06
" " Princes Town	5·65	·89	·66	5·40	3·63	9·21	11·10	7·31	5·07	11·94	5·66	9·87	76·39
El Rosario Estate, Poole	5·42	3·56	1·25	7·17	6·89	12·36	13·34	8·89	6·27	11·67	11·35	15·45	103·62
New Grant " Savana Grande	7·39	1·73	1·20	5·46	5·42	9·46	10·67	5·70	4·94	8·74	9·20	11·89	81·80
Malgretoute " "	7·03	1·15	·50	3·64	3·68	8·81	6·68	5·80	3·90	8·35	5·07	8·18	62·79
Friendship and Ben Lomond Estate, Savana Grande...	4·31	·72	·43	2·88	3·55	7·52	8·23	4·54	4·65	9·63	5·70	7·49	59·65
Convict Depot, Carrera's Island	4·76	2·87	·32	3·26	2·49	6·14	8·69	7·65	2·77	8·16	4·78	4·75	56·64
Light House, Chacachacare	6·10	4·91	·99	3·61	5·04	7·45	6·45	3·13	6·14	6·30	8·40	9·03	67·55
Botanic Station, Tobago	6·40	2·36	·44	3·87	7·07	13·58	9·43	8·95	5·99	8·79	9·88	9·07	85·83
Hermitage "	8·36	3·31	·84	8·13	9·34	14·67	10·77	15·08	7·85	14·21	8·34	14·88	115·78
King's Bay, "	8·03	2·93	·48	8·26	7·26	13·49	8·52	11·22	5·48	9·75	6·92	15·13	97·44
Riversdale Estate, "	5·25	3·43	·66	4·39	5·39	11·27	8·39	8·17	3·62	9·00	5·92	11·23	76·72
Grand Total	368·96	183·16	62·45	338·75	342·25	758·18	817·93	543·54	549·50	703·01	484·38	682·30	5841·38
Monthly Average, and Mean for year	4·98	2·47	·84	4·57	4·62	10·24	11·05	7·34	7·42	9·50	6·54	9·22	78·93

Mean Rainfall for 12 months of 1909 at 74 Stations =78·93 inches.

METEOROLOGICAL OBSERVATIONS, 1909.

EXPERIMENT STATION, ST. CLAIR. λ=61° 31′ Φ=10° 40′ H=66·7 ft.

MONTHS.	AIR TEMPERATURE. Means of		Absolute Minimum and Maximum.				Tension of Vapour.			Relative Humidity.		
	Min.	Max.	Min.	Date.	Max.	Date.	7	3	Mean.	7	3	Mean.
January	67·6	85·7	65	4th and 18th ..	89	16th ...	·708	·840	·774	93	79	86
February	68·1	85·1	65	16th and 26th ..	88	4th, 6th, 26th ..	·733	·812	·772	93	74	83
March	66·4	86·6	64	3rd, 10th, 15th...	89	31st ...	·733	·785	·759	90	67	78
April	68·7	86·3	66	5th and 8th ...	89	1st, 2nd, 17th, 19th, 28th	·785	·759	·772	96	67	81
May	69·7	87·8	66	10th ...	90	12th and 19th ..	·759	·990	·874	90	84	87
June	70·1	86·1	64	18th ...	88	1st, 12th, 23rd, 24th	·812	·868	·840	93	82	87
July	71·0	86·1	68	2nd, 3rd 4th ..	95	10th ...	·812	·812	·812	96	74	85
August	70·7	87·2	69	15th and 30th ...	89	4th, 15th, 17th, 26th, 28th	·785	·812	·798	90	71	80
September	70·5	87·9	68	3rd, 8th, 27th ...	90	3rd, 5th, 20th, 24th, 29th	·759	·897	·828	90	82	86
October	70·7	88·2	69	5th and 13th ..	91	4th ..	·840	·868	·854	93	79	86
November	70·7	88·5	68	26th ...	93	17th ...	·785	·868	·826	93	74	83
December	71·0	87·0	67	16th and 22nd ...	90	6th, 8th, 19th, 22nd, 24th	·785	·812	·798	93	72	82
Year ...	69·6	86·8	...	...	...	...	...	...	·808	...	...	83

λ = The longitude of the station. Φ = The latitude of the station. H = Height above mean sea level.

EXPERIMENT STATION, ST. CLAIR *ht.*=4 ft. *hr.*=1′ 2″.

MONTHS.	Amount of Cloud.*	Rainfall.			Weather. No. of Days of	Wind. No. of Observations of.							
		Total.	Max.	Date.	Rain.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
January	...	5·69	·92	8th ..	17	8	26	4	7	1	2	1	7
February	...	2·43	·46	9th ..	12	6	17	2	6	2	...	1	15
March	...	1·15	·60	7th ...	7	3	9	3	21	1	2	...	18
April	...	1·78	1·21	21st ...	7	1	15	4	15	1	2	...	14
May	...	3·87	1·25	31st ...	13	1	13	4	18	1	..	3	16
June	...	8·31	1·24	17th ...	23	..	20	1	19	1	3	...	8
July	..	10·72	2·15	5th ...	23	5	14	9	10	1	1	...	9
August	...	6·29	1·29	21st ...	20	4	20	5	12	1	1	...	8
September	...	6·95	2·00	6th ..	19	6	14	6	10	...	2	...	12
October	...	7·15	1·42	21st ...	21	4	9	10	10	...	4	4	10
November	..	3·93	·78	30th ...	13	3	16	5	14	1	2	1	8
December	...	6·31	1·01	7th ...	20	3	22	8	8	1	1	1	9
Year ...	...	64·58	..	...	195	44	195	61	150	11	20	11	134

ht. = Height of the Thermometers above the ground in feet. *hr.* = Height of the Raingauge above the ground in feet.
* *See* Sunshine Record.

METEOROLOGICAL RESULTS FOR JANUARY, 1909. OBSERVATIONS TAKEN AT THE ST. CLAIR EXPERIMENT STATION.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7	3	7	3	Max.	Min.	7	3	—	
1	30·002	30·012	75	85	87	69	N.	S.E.	...	
2	30·003	30·056	75	82	86	68	N. W.	N.E.	...	
3	30·054	30·035	75	82	87	69	E.	N.E.	...	
4	29·964	29·946	70	82	88	65	N.	N.	..	
5	29·928	29·934	72	85	86	66	N.E.	S.E.	..	
6	29·962	29·984	72	85	87	71	N.E.	S.S.E.	...	
7	29·948	29·962	72	82	86	66	N.E.	S.S.W.	·35	
8	29·932	29·944	71	83	85	66	E.N.E.	N.W.	·92	
9	29·932	29·910	75	84	84	66	N.E.	N.	...	
10	29·996	29·984	71	82	84	68	N.E.	N.E.	...	
11	30·002	29·982	75	80	85	66	N.	S.E.	·09	
12	30·010	30·022	72	83	86	68	N.E.	S.E.	...	
13	30·002	30·012	72	83	84	69	E.N.E.	N.E.	·11	
14	30·034	29·914	75	81	87	67	N.E.	N.E.	...	
15	29·968	29·964	71	81	85	72	S. W.	N.E.	·04	
16	29·984	29·978	74	82	89	71	N.E.	N.E.	·30	
17	30·012	30·023	72	81	85	66	N.E.	S.	·07	
18	30·004	30·020	70	82	87	65	N.E.	N. W.	·47	
19	30·002	29·978	72	79	86	67	N.E.	N.	·11	
20	30·014	29·981	71	81	86	66	N.E.	N.E.	...	
21	29·984	29·984	71	82	86	66	E.N.E.	S.E.	...	
22	30·002	30·020	71	78	85	66	E.N.E.	E.	·29	
23	30·034	30·020	71	82	84	66	W.	N.E.	·53	
24	30·034	29·972	72	80	88	68	E.	N.E.	·62	
25	30·001	30·012	75	83	87	66	N.E.	N.W.	...	
26	29·995	29·974	75	81	86	66	N.	S.E.	·09	
27	30·036	30·024	74	83	85	68	N.E.	N.	...	
28	30·016	29·964	74	79	84	70	N.E.	S.E.	·82	
29	30·012	30·002	75	76	84	71	N.W.	E.	·30	
30	30·034	29·962	73	79	84	70	N.E.	N.W.	·44	
31	30·020	30·060	74	81	86	70	S.W.	N.W.	·14	
Mean ...	29·997	29·988	72·8	81·5	85·7	67·6			5·69	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

RESULTS FOR MONTH OF FEBRUARY, 1909.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7	3	7	3	Max.	Min.	7	3	—	
1	30·030	30·054	73	86	86	71	N.W.	S.E.	...	
2	30·004	30·060	72	83	86	70	E.N.E.	N.W.	·11	
3	30·002	30·012	73	85	87	66	N.W.	N.	...	
4	30·034	30·060	74	83	88	68	N.	N.W.	..	
5	30·032	30·034	73	80	86	66	N.W.	N.W.	...	
6	30·092	30·052	73	81	88	68	N.E.	N.W.	...	
7	30·012	30·042	75	85	86	66	N.E.	S.E.	..	
8	30·034	30·102	77	81	86	68	S.E.	N.E.	·35	
9	30·045	30·001	78	82	84	68	N.E.	N.	·46	
10	30·012	30·042	75	82	84	71	S.E.	N.E.	·36	
11	30·038	30·062	80	82	86	69	N.E.	N.W.	...	
12	30·052	30·014	78	85	86	71	N.E.	N.W.	·04	
13	30·048	30·068	73	85	85	68	N.E.	N.E.	·05	
14	30·045	30·052	75	85	85	67	W.	E.	·52	
15	30·002	30·014	72	82	85	66	N.E.	N.W.	...	
16	30·016	30·020	71	81	85	65	N.W.	N.E.	·18	
17	30·026	30·068	72	83	82	68	N.N.E.	S.	·07	
18	30·045	30·056	72	81	84	68	N.E.	N.	·03	
19	30·005	30·016	75	81	83	71	N.N.E.	N.	...	
20	30·054	30·050	75	81	82	70	E.N.E.	N.W.	...	
21	30·004	30·068	76	82	82	70	N.W.	N.E.	..	
22	30·034	30·038	72	82	85	66	E.	N.E.	...	
23	30·042	30·030	74	85	82	68	N.W.	N.W.	...	
24	30·036	30·028	71	82	86	71	N.E.	N.E.	·16	
25	30·028	30·035	75	82	85	68	E.S.E.	N.	...	
26	30·016	30·046	70	79	88	65	S.	N.E.	...	
27	30·046	30·004	74	86	86	69	S.E.	N.W.	·10	
28	30·028	30·034	70	79	85	67	S.E.	N.E.	...	
Mean ...	30·030	30·041	73·8	82·5	85·1	68·1			2·43	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

METEOROLOGICAL RESULTS FOR MARCH, 1909, OBSERVATIONS TAKEN AT THE ST. CLAIR EXPERIMENTAL STATION.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7	3	7	3	Max.	Min.	7	3	—	
1	30·036	30·028	71	78	86	66	N.N.E.	E.	·19	
2	30·050	30·002	75	83	85	67	N.E.	N.E.	...	
3	30·020	29·946	70	83	86	64	E.N.E.	S.E.	...	
4	30·024	29·966	71	83	86	66	N.W.	N.W.	..	
5	30·052	30·034	73	82	86	66	S.W.	N.E.	...	
6	30·005	30·043	72	80	85	65	E.N.E.	N.E.	...	
7	30·032	30·036	73	82	86	68	N.	N.E.	·60	
8	30·016	29·998	72	83	86	68	S.E.	S.E.	·02	
9	30·050	29·994	72	81	88	67	N.W.	N.W.	·20	
10	30·040	29·996	73	78	86	64	N.W.	N.W.	·01	
11	30·020	30·018	72	82	87	66	N.W.	S.	·07	
12	30·045	30·034	75	83	88	68	N.E.	S.E.	...	
13	30·070	30·038	74	82	86	67	N.W.	N.W.	·06	
14	30·044	30·014	74	83	88	68	N.W.	N.W.	..	
15	30·004	29·992	75	85	86	64	E.	N.W.	...	
16	30·042	30·020	75	84	85	66	N.W.	S.E.	...	
17	30·060	30·040	74	85	88	65	N.W.	S.E.	...	
18	30·028	29·998	74	85	88	66	N.W.	S.W.	..	
19	30·010	29·966	73	85	86	66	N.W.	S.E.	..	
20	30·012	29·984	74	85	88	68	N.E.	N.E.	..	
21	30·006	29·982	78	83	86	66	S.E.	N.E.	...	
22	30·012	29·976	76	86	88	68	S.E.	S.E.	...	
23	30·046	30·040	76	86	86	68	N.W.	S.E.	...	
24	30·044	30·030	77	86	88	67	N.E.	S.E.	...	
25	30·060	30·034	71	86	86	68	N.W.	S.E.	...	
26	30·024	30·024	71	86	85	67	N.	S.E.	...	
27	30·025	29·986	72	86	86	67	E.	S.E.	..	
28	30·038	30·010	77	87	88	68	S.E.	S.E.	...	
29	30·027	30·046	76	87	87	66	S.E.	S.E.	...	
30	30·022	30·014	70	86	88	65	N.	variable.	...	
31	30·015	30·025	75	87	89	65	S.E.	S.E.	...	
Mean ...	30·031	30·010	73·5	83·8	86·6	66·4			1·15	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

RESULTS FOR MONTH OF APRIL, 1909.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7	3	7	3	Max.	Min.	7	3	—	
1	30·018	30·048	72	88	89	68	N.W.	Variable.	...	
2	30·033	30·028	75	84	89	68	E.N.E.	N.N.E.	...	
3	30·038	30·048	73	82	85	68	E.N.E.	S.E.	...	
4	30·014	30·042	73	82	86	68	N.E.	S.E.	...	
5	30·038	30·078	72	78	84	66	S.E.	N.W.	...	
6	30·046	30·038	77	85	88	67	E.	N.E.	...	
7	30·082	30·054	74	84	88	69	E.	Variable.	...	
8	30·078	30·046	71	78	85	66	N.E.	N.E.	..	
9	30·072	30·008	71	83	84	68	N.W.	N.W.	...	
10	30·042	30·014	71	83	86	68	N.E.	N.W.	...	
11	30·052	30·073	74	83	86	67	S.	S.W.	...	
12	30·020	30·046	80	82	85	67	S.E.	N.E.	·11	
13	30·085	30·022	75	83	86	68	N.E.	N.W.	..	
14	30·080	30·010	75	84	85	69	N.W.	N.W.	...	
15	30·060	30·020	74	82	84	68	N.W.	N.W.	·08	
16	30.102	30·036	75	83	88	67	N.E.	N.E.	·01	
17	30·052	30·032	75	84	89	68	N.E.	S.E.	..	
18	30·054	29·944	73	82	88	67	N.W.	S.E.	...	
19	30·023	30·050	77	85	89	67	E.	N.W.	...	
20	30·064	30·042	76	84	86	70	N.E.	N.	·01	
21	30·053	30·013	77	78	80	72	N.N.E.	S.E.	1·21	
22	30·024	29·986	74	82	86	73	E.N.E.	S.E.	·18	
23	30·096	30·050	74	84	85	70	N.E.	S.E.	..	
24	30·062	30·048	75	83	86	70	E.N.E.	N.W.	...	
25	30·082	30·022	75	82	85	70	N.E.	S.E.	·18	
26	30·062	30·013	75	85	87	71	S.E.	E.	...	
27	30·072	30·026	76	87	88	73	N.E.	S.E.	...	
28	30·082	30·030	75	86	89	70	S.E.	S.W.	...	
29	30·068	30·024	73	84	87	69	N.E.	S.E.	.	
30	30·054	30·022	72	83	88	69	N.W.	S.E.	...	
Mean ...	30·056	30·030	74·3	83·1	86·3	68·7			1·78	

Ht. above mean sea level—66·7. Long. 61° 31′ Lat. 10° 40′ N.

METEOROLOGICAL RESULTS FOR MAY, 1909. OBSERVATIONS TAKEN AT THE ST. CLAIR EXPERIMENT STATION.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7	3	Max.	Min.	7	3	—	
1	30·070	30·028	77	84	86	78	S.E.	N.E.	·12	
2	30·042	30·022	78	85	88	68	N.W.	W.	·64	
3	30·074	30·032	75	84	88	67	E.	S.E.	·05	
4	30·092	30·042	78	81	86	70	S.E.	E.	·09	
5	30·100	30·022	75	80	85	70	N.W.	S.E.	·20	
6	30·036	30·028	74	82	87	70	N.E.	E.N.E.	·20	
7	30·050	29·976	72	83	86	68	N.E.	S.E.	...	
8	30·052	29·996	73	84	88	69	N.W.	N.W.	..	
9	30·028	30·014	75	82	88	69	S.E.	N.E.	·10	
10	30·036	29·952	72	83	85	66	W.	N.W.	·10	
11	30·064	30·014	78	88	88	72	E.S.E.	S.E.	...	
12	30·060	30·026	75	88	90	71	N.W.	S.E.	·59	
13	30·054	30·050	77	85	89	72	N.E.	W.	...	
14	30·050	30·042	76	82	89	70	N.W.	N.E.	...	
15	30·034	30·060	74	82	88	69	N.E.	S.E.	...	
16	30·042	29·994	75	85	89	71	N.W.	S.E.	...	
17	30·022	29·984	72	87	89	68	N.W.	S.E.	...	
18	30·036	30·040	74	87	87	68	N.E.	N.W.	..	
19	30·052	30·020	77	86	90	71	N.E.	S.E.	...	
20	30·048	30·027	74	85	88	70	N.E.	N.N.E.	...	
21	30·038	30·018	75	82	87	70	N.N.E.	N.	·33	
22	30·020	30·023	75	85	88	71	N.E.	S.E.	·10	
23	30·024	30·050	77	86	89	73	S.E.	N.W.	..	
24	30·055	30·046	73	85	89	71	N.E.	N.E.	...	
25	30·044	30·046	75	87	88	69	N.W.	S.	·10	
26	30·052	30·052	72	85	89	68	N.W.	N.W.	...	
27	30·062	30·052	72	83	87	68	E.N.E.	S.E.	...	
28	30·060	30·030	75	85	88	68	E.	N.W.	...	
29	30·036	30·020	74	86	89	70	E.N.E.	E.	...	
30	30·032	30·042	74	80	87	69	N.W.	S.E.	...	
31	30·142	30·022	78	82	87	68	S.E.	S.E.	1·25	
Mean ...	30·055	30·024	74·8	84·1	87·8	69·7			3·87	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

RESULTS FOR MONTH OF JUNE, 1909.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7	3	Max.	Min.	7	3	—	
1	30·152	30·040	80	80	88	69	N.W.	S.E.	·06	
2	30·044	30·052	80	83	87	68	S.E.	N.E.	·24	
3	30·034	30·032	75	85	87	69	S.	N.W.	...	
4	30·044	30·056	76	82	86	70	S.E.	S.E.	·12	
5	30·056	30·038	76	84	86	72	E.N.E.	S.W.	...	
6	30·050	30·024	76	82	86	73	N.E.	S.E.	...	
7	30·054	30·006	78	78	87	68	N.E.	N.W.	·38	
8	30·056	30·020	75	83	83	71	N.E.	S.E.	·78	
9	30·060	30·026	79	85	86	74	N.E.	N.W.	·02	
10	30·080	30·064	75	83	86	73	N.E.	N.E.	·91	
11	30·104	30·035	75	82	86	70	E.	N.E.	·27	
12	30·068	30·045	73	84	88	68	S.E.	S.W.	·06	
13	30·078	30·045	73	82	87	69	N.E.	N.E.	...	
14	30·052	30·042	73	82	86	67	S.E.	N.E.	...	
15	30·072	30·085	75	85	87	67	S.W.	N.E.	..	
16	30·150	30·053	76	83	86	68	N.E.	S.E.	·15	
17	30·058	30·046	75	82	86	68	N.E.	E.N.E.	1·24	
18	30·068	29·995	76	76	82	64	N.E.	N.E.	·81	
19	30·028	30·002	76	80	87	68	N.E.	N.N.E.	·40	
20	30·068	30·012	76	80	86	67	S.E.	S.E.	·05	
21	30·060	30·035	75	84	85	70	S.E.	S.E.	·52	
22	30·068	30·043	75	83	86	78	S.E.	N.W.	..	
23	30·083	30·020	73	84	88	71	S.E.	N.W.	·03	
24	30·064	30·004	76	85	88	74	N.E.	E.N.E.	1·05	
25	30·076	30·046	74	82	86	72	N.W.	E.S.E.	·09	
26	30·104	30·096	76	75	85	72	E.N.E.	S.E.	·60	
27	30·060	30·023	76	75	85	70	N.	S.E.	·04	
28	30·086	30·037	73	76	85	73	N.W.	S.E.	·24	
29	30·064	30·054	74	80	87	69	N.E.	S.E.	·12	
30	30·096	30·068	74	78	85	71	N.E.	N.E.	·13	
Mean ...	30·071	30·341	75·4	81·4	86·1	70·1			8.31	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

METEOROLOGICAL RESULTS FOR JULY, 1909, OBSERVATIONS TAKEN AT THE ST. CLAIR EXPERIMENT STATION.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7	3	Max.	Min.	7	3	—	
1	30·096	30·068	74	78	85	71	N.	S.E.	·13	
2	30·150	30·064	73	82	87	68	N.N.E.	N.W.	...	
3	30·088	30·012	76	81	87	68	E.	N.W.	...	
4	30·082	30·010	76	82	88	68	N.W.	S.E.	...	
5	30·096	30·002	75	83	88	69	E.	N.E.	2·15	
6	30·035	30·028	76	76	84	79	S.E.	N.E.	·54	
7	30·088	30·068	73	75	83	70	N.	N.E.	·01	
8	30·056	30·018	73	82	86	69	N.	S.E.	·76	
9	30·098	30·086	75	77	82	72	E.	S.E.	1·30	
10	30·054	30·068	73	86	95	69	N.E.	N.N.E.	...	
11	30·012	30·062	74	80	87	70	E.N.E.	S.E.	...	
12	30·068	30·002	73	83	88	69	E.	N.	...	
13	30·046	30·026	75	80	81	72	E.N.E.	S.S.E.	·33	
14	30·020	29·964	74	80	84	71	E.	E.N.E.	·67	
15	30·098	30·018	73	80	81	70	N.E.	S.W.	·32	
16	30·016	30·052	76	84	86	72	E.	N.W.	·16	
17	30·052	30·050	78	85	87	73	S.E.	N.E.	·21	
18	30·020	30·098	76	85	87	74	N.N.E.	N.E.	·39	
19	30·022	30·074	76	84	88	74	N.W.	N.W.	·21	
20	30·134	30·096	73	85	88	75	N.W.	S.E.	...	
21	30·116	30·088	73	79	87	69	S.	N.E.	·16	
22	30·068	30·008	73	85	84	70	N.E.	N.	·28	
23	30·114	30·060	75	84	85	70	S.E.	N.E.	...	
24	30·138	30·047	74	82	85	71	E.	N.E.	·04	
25	30·012	30·068	73	85	85	69	N.E.	E.	·07	
26	30·098	30·028	76	85	86	70	E.N.E.	N.N.E.	·20	
27	30·084	30·046	75	78	87	71	N.W.	N.N.E.	·24	
28	30·088	30·068	75	81	88	72	N.E.	N.N.E.	·16	
29	30·114	30·066	78	79	87	71	N.E.	N.N.E.	·40	
30	30·108	30·032	76	85	87	73	S.E.	N.N.E.	·44	
31	30·088	30·018	75	84	88	72	E.	N.W.	1·55	
Mean ...	30·076	30·367	74·6	81·7	86·1	71·0			10·72	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

RESULTS FOR MONTH OF AUGUST, 1909.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7	3	Max.	Min.	7	3	—	
1	30·017	30·024	76	84	86	71	S.E.	N.E.	·06	
2	30·060	30·072	77	84	86	70	S.E.	E.	...	
3	30·000	30·046	79	83	85	71	S.E.	N.E.	·31	
4	30·068	30·038	76	79	89	71	N.E.	E.	·19	
5	30·096	30·036	74	85	87	70	N.E.	N.W.	1·03	
6	30·094	30·034	74	83	88	70	N.E.	N.N.E.	·28	
7	30·096	30·028	74	82	86	71	E.N.E.	E.S.E.	·17	
8	30·000	30·020	77	83	86	70	E.S.E.	N.E.	·05	
9	30·076	30·022	74	82	88	70	N.E.	S.E.	·03	
10	30·082	30·068	75	88	88	71	S.E.	S.	...	
11	30·018	30·090	76	86	88	72	S.E.	N.N.E.	...	
12	30·056	29·996	75	81	87	70	S.E.	N.	·16	
13	30·014	29·996	76	86	88	70	N.E.	N.	...	
14	30·012	30·124	73	86	86	70	E.	E.	...	
15	30·096	30·090	80	83	89	69	S.W.	N.W.	...	
16	30·056	30·020	76	83	85	70	N.W.	N.W.	·24	
17	30·062	30·038	75	83	89	70	N.W.	N.N.E.	·97	
18	30·072	30·060	77	83	87	73	E.N.E.	S.W.	...	
19	30·066	30·024	75	85	86	74	N.W.	N.E.	·03	
20	30·067	30·028	75	77	88	70	N.E.	S.E.	...	
21	30·060	30·068	74	83	86	71	N.W.	N.E.	1·29	
22	30·060	30·052	77	86	88	71	N.E.	S.E.	...	
23	30·046	30·035	76	77	87	72	N.E.	N.E.	·36	
24	30·056	30·036	76	86	86	70	E.	S.E.	·08	
25	30·060	30·068	75	86	88	71	N.E.	S.E.	·09	
26	30·078	30·044	75	87	89	72	N.E.	S.E.	...	
27	29·996	29·998	75	84	88	71	N.	N.W.	·09	
28	30·006	30·014	74	88	89	72	N.E.	N.W.	·04	
29	30·054	30·030	73	85	88	71	N.E.	N.E.	·05	
30	30·056	30·020	77	77	85	69	N.E.	N.E.	·77	
31	30·068	30·072	75	85	88	71	N.	N.E.	...	
Mean ...	30·053	30·041	75·5	83·5	87·2	70·7			6·29	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

METEOROLOGICAL RESULTS FOR SEPTEMBER, 1909, OBSERVATIONS TAKEN AT THE ST. CLAIR EXPERIMENT STATION.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7	3	Max.	Min.	7	3	—	
1	30·058	30·020	76	81	89	71	N.E.	N.	·95	
2	30·074	30·036	75	87	86	70	N.E.	N.	..	
3	30·024	30·060	72	87	90	68	N.E.	N.	...	
4	30·020	30·056	74	86	87	75	S.E.	N.W.	...	
5	30·058	29·968	79	80	90	69	S.E.	E.N.E.	·49	
6	30·045	30·028	74	79	89	70	E.	S.W.	2·00	
7	30·046	30·018	75	79	87	71	S.E.	N.N.W.	·57	
8	30·038	30·028	73	83	89	68	N.E.	N.	..	
9	30·048	29·994	75	83	87	71	N.E.	S.S.E.	...	
10	30·012	29·950	76	83	88	72	N.W.	N.E.	·22	
11	29·998	30·084	75	85	86	71	E.	N.E.	·02	
12	30·088	30·076	83	84	88	67	S.E.	N.W.	·02	
13	30·012	29·976	75	84	89	70	N.E.	N.N.E.	·30	
14	30·006	29·946	75	81	89	72	N.N.W.	N.N.W.	·14	
15	29·998	30·014	78	85	88	71	S.E.	N.W.	...	
16	29.998	29·986	76	83	89	71	N.E.	N.	·09	
17	30·060	30·010	76	81	87	71	N.W.	N.E.	·13	
18	30·032	29·968	76	84	86	72	E.	N.E.	·14	
19	30·010	30·024	76	85	86	72	N.	E.N.E.	·04	
20	30·028	29·998	76	82	90	70	N.E.	E.	·14	
21	30·018	29·970	72	83	89	72	N.N.E.	N.W.	...	
22	29·988	29·964	77	86	87	71	N.N.W.	N.W.	·27	
23	29·990	29·952	76	82	86	72	N.N.W.	S.W.	·17	
24	29·978	29·980	73	79	90	69	N.W.	N.W.	·55	
25	29·990	29·994	76	82	86	72	N.W.	S.E.	...	
26	29·980	29·954	75	83	88	69	N.W.	S.E.	...	
27	29.912	29·980	75	82	86	68	N.E.	S.E.	..	
28	29·978	29·964	75	83	88	69	N.W.	S.E.	...	
29	29·970	29·978	76	82	90	71	N.E.	S.E.	·35	
30	29·980	29·954	75	78	88	71	E.	E.	·36	
Mean ...	30·014	29·997	75·5	82·7	87·9	70·5			6·95	

Ht. above mean sea level—66·7. Long. 61° 31′ Lat. 10° 40′ N.

RESULTS FOR MONTH OF OCTOBER, 1909.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7	3	Max.	Min.	7	3	—	
1	29·982	29·968	79	82	90	71	N.N.E.	N.W.	...	
2	29·984	29·956	76	83	88	72	N.N.E.	Variable.	·35	
3	29·934	29·928	75	83	88	73	N.N.E.	S.E.	·90	
4	30·012	29·968	77	77	91	71	N.E.	E.	1·36	
5	30·082	29·994	75	81	89	69	N.	N.W.	·28	
6	29·996	29·985	76	85	88	71	N.	S.E.	·02	
7	30·016	29·960	76	85	88	70	N.E.	E.S.E.	·12	
8	29·996	29·978	77	85	88	72	E.	W.	·15	
9	30·074	29·942	76	81	88	71	E.	N.W.	·60	
10	30·046	29·994	76	82	88	71	N.E.	N.	..	
11	29·972	29·936	76	86	89	70	E.	W.	..	
12	30·002	29·994	77	85	89	71	N.W.	N.W.	·05	
13	29·996	29·910	75	86	87	69	N.E.	N.W.	...	
14	30·030	29·938	80	83	87	70	S.W.	N.	..	
15	29·980	29·936	80	82	87	71	S.W.	W.	·09	
16	29·970	30·038	76	82	88	70	W.	S.W.	...	
17	29·986	29·940	78	83	88	71	E.	S.E.	·01	
18	29·980	29·938	76	83	89	70	N.W.	S.E.	·17	
19	30·032	29·940	76	84	88	70	N.W.	N.	·28	
20	30·030	29·970	75	84	89	71	N.W.	N.W.	·07	
21	29.956	29·996	76	86	89	71	E.	S.W.	1·42	
22	30·036	29·958	81	80	87	71	S.E.	E.S.E.	·48	
23	29·972	29·964	77	81	88	70	S.E.	N.E.	.	
24	30·076	29·946	83	80	87	70	S.E.	N.E.	·10	
25	30·068	30·038	76	83	89	71	N.N.E.	N.E.	...	
26	30·043	29·980	75	81	90	71	E.	E.	...	
27	29·998	29·968	76	83	88	70	N.E.	S.E.	·04	
28	30·020	29·938	76	84	89	71	N.E.	N.N.E.	·03	
29	29·998	29·936	78	81	89	72	E.	N.N.E.	·18	
30	29·946	29·896	76	81	85	70	N.E.	S.E.	·45	
31	30·024	29·994	76	81	89	71	E.	S.E.	...	
Mean ...	30·007	29·961	76·8	82·6	88·2	70·7			7·15	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

METEOROLOGICAL RESULTS FOR NOVEMBER, 1909, OBSERVATIONS TAKEN AT THE ST. CLAIR EXPERIMENT STATION.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	—	
1	29·910	29·998	76	84	90	69	E.	N.E.	·38	
2	29·998	29·954	77	82	84	72	S.	N.E.	·22	
3	29·968	29·930	76	82	87	71	N.N.E.	N.W.	·46	
4	29·994	29·996	77	80	87	72	S.E.	S.E.	·48	
5	29·998	29·952	75	85	88	71	N.N.W.	S.E.	...	
6	30·004	30·045	77	86	88	71	N.E.	E.	·10	
7	30·028	29·994	78	82	88	70	S.E.	N.	...	
8	29·978	29·976	77	82	88	71	N.E.	N.W.	·28	
9	29·992	29·998	78	84	89	72	N.E.	E.	...	
10	30·032	29·992	76	86	90	70	N.E.	S.E.	...	
11	30·050	29·954	75	85	88	72	N.E.	S.W.	...	
12	20·960	29·938	78	86	89	72	S.S.E.	S.E.	·08	
13	29·902	29·916	78	87	90	70	E.	S.E.	..	
14	29·952	29·940	82	86	88	71	S.E.	N.E.	...	
15	29·964	29·960	82	86	91	70	N.W.	N.E.	...	
16	30·016	29·986	80	80	89	73	N.	S.E.	...	
17	29·988	29·990	80	83	93	72	S.E.	N.W.	...	
18	29·964	29·992	80	78	83	72	N.E.	E.	..	
19	29·952	...	77	..	...	...	N.N.E.		...	
20	29·994	29·974	76	86	89	70	N.W.	S.E.	·45	
21	29·952	29·924	79	86	89	70	S.E.	S.E.	·01	
22	29·938	29·928	77	82	87	69	S.W.	S.E.	·13	
23	29·050	29·940	78	83	87	70	N.N.E.	N.W.	·06	
24	29·960	...	76	..	...	...	N.E.		...	
25	..	29·968	...	85	89	71		N.W.	·50	
26	29·946	29·968	75	85	88	68	N.E.	N.	...	
27	29·930	29·910	85	85	90	70	N.E.	S.W.	...	
28	29·912	29·942	75	86	90	71	N.E.	W.	...	
29	29·860	29·952	81	86	91	70	N.E.	N.E.	...	
30	29·886	29·802	77	76	88	69	N.N.W.	N.W.	·78	
Mean ...	29·933	29·957	77·8	83·7	88·5	70·7			3·93	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

RESULTS FOR MONTH OF DECEMBER, 1909.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	—	
1	29·920	29·890	77	83	86	74	N.	N.W.	...	
2	29·936	29·890	84	83	85	73	E.N.E.	N.W.	·20	
3	29·954	29·984	77	82	86	74	N.E.	N.E.	·33	
4	29·966	29·914	76	86	89	68	E.S.E.	E.S.E.	...	
5	30·005	30·050	75	80	89	70	E.	W.	·52	
6	29·996	30·035	78	85	90	70	S.E.	N.W.	·02	
7	29·942	29·950	75	82	89	78	N.E.	N.E.	1·01	
8	29·996	29·948	77	79	90	70	E.S.E.	N.W.	·07	
9	30·012	29·960	77	84	89	78	E.	N.W.	·11	
10	30·060	29·978	80	83	86	72	S.W.	N.E.	...	
11	29·984	29·994	80	83	89	70	N.W.	W.	...	
12	29·990	29·932	77	82	86	71	S.E.	N.E.	..	
13	30·048	30·020	76	85	89	72	N.E.	S.E.	...	
14	29·950	29·820	75	83	87	71	S.	N.E.	·13	
15	29·924	29·950	74	82	86	70	N.E.	E.	·68	
16	29·976	29·968	75	82	84	67	E.N.E.	E.	·44	
17	30·040	29·934	82	78	85	69	E.S.E.	N.E.	·14	
18	29·914	29·822	76	81	84	71	N.E.	E.S.E.	·05	
19	30·040	29·922	77	82	90	74	N.	N.W.	...	
20	29·953	29·940	75	82	86	71	N.E.	E.	·64	
21	29·922	29·990	75	84	88	71	S.S.E.	N.E.	...	
22	29·904	29·996	75	85	90	67	N.W.	S.E.	·04	
23	30·050	30·016	77	83	88	70	E.	S.E.	·02	
24	30·072	29·922	77	86	90	76	N.E.	N.E.	·51	
25	30·090	30·042	77	82	85	70	N.E.	N.E.	·33	
26	29·940	29·960	75	83	87	68	N.E.	N.W.	...	
27	30·040	30·022	75	85	86	69	S.E.	N.E.	..	
28	30·060	29·980	81	79	85	69	N.E.	E.	·14	
29	30·050	29·992	75	80	86	69	N.E.	S.E.	·41	
30	30·004	29·960	77	78	81	71	N.E.	S.S.W.	·52	
31	30·076	30·020	75	83	86	70	S.E.	E.	...	
Mean ..	29·994	29·961	76·8	82·4	87·0	71·0			6·31	

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.