

APPENDIX A.—SAINT LUCIA.

METEOROLOGICAL RETURNS FOR 1899. STATION—BOTANIC GARDEN.

Long.—60° 59' 49" W. Lat.—14° 0' 56" N. Height above M. S. L.—10 feet.

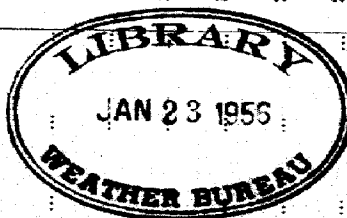
3

Months.	Mean Pressure.	Temperature.										Rainfall.			No. of days on which Rain fell.			
		Mean.	Means of		Absolute Max. and Min.				Mean Solar Radiation.	Mean Min. Temp. on Ground.	Mean Dew Point.	Relative Humidity.	Tension of Aqueous Vapour.	Total.	Maximum.	Date.		
			Max.	Min.	Max.	Date.	Min.	Date.						Inches.	Inches.			
January	...	30-015	78.1	84.3	72°	87°	14th	70°	20th	148.4	66.1	68.4	69	684	6.42	1.51	9th	28
February	...	30-050	77.6	83.7	71.6	86.5	28th	69°	5th	149.6	65.2	68°	70	684	8.68	4.4	18th	24
March	...	29-982	77.3	84.4	70.3	89°	19th	66°	26th	152.8	65.9	68.5	71	696	5.15	1.44	13th	18
April	...	30-020	79.6	89.8	70°	92.5	27th	66°	13th	156.1	66.8	69.6	68	720	1.31	6.4	1st	8
May	...	30-047	81.5	91.1	71.9	97°	14th	69°	12th	157.9	69.5	71.4	66	759	1.34	5.2	29th	13
June	...	30-087	81.	90°	72.1	94°	8th	70°	5th	162.9	71.5	73.6	72	826	8.79	1.45	10th	25
July	...	30-007	80.6	88.7	72.6	91°	29th	69°	26th	162°	72.7	75°	76	868	7.30	7.3	14th	29
August	...	29-970	80.6	88.4	72.7	92.5	16th	69°	16th	150.2	72.5	75.6	78	882	17.33	6.92	30th	30
September	...	29-977	80.7	89.8	71.7	93.5	2nd	68°	27th	150.2	71.3	75.1	78	882	8.62	1.41	29th	18
October	...	29-912	79.1	87.6	70.6	90°	15th	67.5	26th	149.5	70.2	75.2	83	868	7.00	2.00	8th	25
November	...	29-916	78.9	86.1	71.8	87.5	5th	69°	16th	147.4	71.2	75.4	81	882	11.81	3.71	6th	24
December	...	29-947	76°	83.5	68.5	86.5	2nd	61.5	15th	146.3	67.8	72.3	78	798	5.99	2.34	23rd	20
Year	...	29-998	79.2	87.2	71.3	...	...	...	...	151.9	69.2	72.3	74	795	...	...	...	...
Means	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
															84.64			263

A circular library stamp from the Weather Bureau. The text "LIBRARY" is at the top, "JAN 23 1955" is in the center, and "WEATHER BUREAU" is at the bottom.

* Blackened Bulb in Vano.

CHISNALL MOORE, Curator.



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1899-1933

Saint Lucia.

Meteorological observations. 1899-1900, 1906, 1908-14, 1921, 1923-1944

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National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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Beltsville, MD 20704-1387

March 28, 2002



From *S. Renshaw, Esq.* :—
Caladium sp.
Eucharis amazonica.
Poinciana pulcherrima.

From *R. Plumber, Esq.* :—
Metroxylon sagus.

From *Chairman of the Castries Town Board* :—
Couroupita guianensis.

From *S. I. Blackmore, Esq.* :—
Luffa aegyptiaca.

Hon'ble A. Clavier :—
Coffea liberica.

G. S. Hudson, Esquire :—
Cacao pods.
Coffea liberica.

Miss Bennett :—
Cacao pods.
Coffea liberica.

XII.—Meteorology.

In Appendix A. are given the results of the Meteorological Observations at the Station during the year, also a Table of Returns, showing the Annual Rainfall for the last ten years, compiled from the Blue Book.

From the average rainfall of this record it will be seen that February is the driest month of the year, and November the wettest month, the order of the months being as follows :—February, March, April, January, December, May, June, July, September August, October, November. The dry season may be said to extend from February to April and the rainy season from May to December.

It is noticeable that in 1894, '98 and '99, years in which hurricanes have been experienced in the West Indies, the rainfall in the month of May has been so much below the average as to give rise to a prolonged dry season. In 1899 it was only 1.34 inches, or 7.10 inches below the ten years average for that month; and the total rainfall for the year was 15.15 inches below the average for the same period. The dry season extended from February till June, and as far as I can ascertain, was the severest on record.

I am pleased to note that the Government have approved of the recommendation in my last Report to establish a more extended system of Rainfall observations throughout the Island, and the necessary arrangements for this service will be made as early as possible.

This office is now called upon to furnish the Meteorological Returns for the Blue Book.

J. CHISNALL MOORE,

Curator.

To His Honour

The Administrator of the Government,
St. Lucia, B.W.I.

APPENDIX A.

Annual Rainfall 1890 to 1899, inclusive.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	Sept.	October.	November.	December.	Total Rainfall in each year.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
1890 ...	10.65	4.88	3.82	4.22	4.06	6.50	5.66	10.18	5.23	12.03	7.32	12.56	88.11
1891 ...	3.90	5.01	1.28	1.94	2.38	6.25	9.14	9.71	4.23	9.49	11.07	3.75	70.15
1892 ...	7.31	2.97	5.09	4.02	14.85	20.42	11.15	6.19	13.13	10.65	8.35	6.16	109.67
1893 ...	4.56	6.47	3.18	9.65	9.05	10.63	18.51	12.84	11.97	8.43	11.42	6.88	113.60
1894 ...	6.04	4.11	5.89	2.88	2.71	7.79	5.76	5.46	7.14	21.09	7.83	4.85	81.55
1895 ...	11.16	3.00	6.43	4.31	14.57	4.68	7.72	10.44	17.23	13.25	17.31	12.19	121.29
1896 ...	5.53	2.92	6.82	13.07	12.04	14.30	10.96	7.92	7.14	4.88	17.45	10.90	113.93
1897 ...	3.88	4.48	5.80	1.88	18.91	8.90	12.79	13.67	6.92	12.29	11.41	10.33	111.26
1898 ...	4.67	3.08	4.42	5.23	2.48	6.75	3.05	13.20	25.28	10.96	12.23	6.13	107.49
1899 ...	6.42	3.58	6.15	7.21	1.34	13.79	7.30	17.33	8.62	7.00	11.81	5.99	84.64
Average monthly rainfall for 10 yrs.—1890-'99	6.41	3.92	4.78	4.85	8.44	9.47	10.20	10.69	10.68	11.00	11.62	7.97	*100.16

* Average annual rainfall for 10 years—1890 to 1899 = 100.16 inches.

[Saint Lucia.]

[METEOROLOGICAL RETURN for 1900.]

[Station - Botanic Garden.]

METEOROLOGICAL RETURN FOR 1900.

STATION--BOTANIC GARDEN.

Long.--60° 59' 49" W. Lat.--14° 0' 56" N. Height above M. S. L.--10 feet.

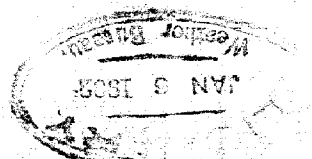
Months.	Mean Pressure.	Temperature.										Mean Dew Point.	Relative Humidity.	Tension of Aqueous Vapour.	Rainfall.			
		Mean.	Means of			Absolute Max. and Min.				Mean Min. Temp. on Ground.	Inches.				Maximum in one day.	Date.	No. of days on which Rain fell.	
			Max.	Min.	°	Max.	Date.	Min.	Date.									
January	...	29.986	76.4	83.4	69.5	86°	29th	64°	18th	146.8	68.7	69.9	72	.720	2.42	.63	5th	17
February	...	30.047	76.2	83.7	68.7	86°	26th	62°	9th	138.9	67.7	68.8	71	.696	2.97	.64	15th	12
March	...	30.004	77.3	84.8	69.8	90°	29th	66°	25th	149°	69.2	69.3	71	.720	3.16	.70	11th	15
April	...	30.002	80.3	89.2	71.5	95°	29th	66.5	5th	151.8	70.9	70.8	69	.759	2.82	.75	14th	14
May	...	30.008	81.5	90.2	72.8	96°	20th	70°	1st	151.1	72.2	73.3	70	.826	7.34	1.10	13th	26
June	...	30.027	81.2	89.7	72.8	95°	13th	70.5	23rd	147.7	72.4	74.1	72	.840	6.21	.70	25th	22
July	...	30.014	80.9	88.9	73°	93°	19th	70°	1st	145.3	72.3	73.5	70	.828	8.09	1.49	6th	25
August	...	30.006	81°	89.2	72.8	93°	25th	69.5	28th	150°	72.4	75.1	74	.868	13.22	4.15	31st	25
September	...	29.980	78.6	87.1	70.1	94°	9th	69°	14th	144.4	70°	75.1	76	.868	7.19	1.58	19th	22
October	...	29.950	79.2	86.7	71.8	89.5	4th	67.5	24th	146.5	71.5	76.7	84	.913	9.85	1.38	1st	25
November	...	29.939	77.6	84.6	70.6	88°	3rd	66.5	5th	146.6	69.8	73.8	82	.840	6.81	.85	27th	20
December	...	29.906	76.8	83.5	70.2	85°	1st	67°	2nd	143.7	69.2	70.9	75	.759	3.18	.60	3rd	24
Year	...	29.998	78.9	86.7	71.1	...	...	...	...	146.8	70.5	72.6	74	.803	...	...	...	...
Means { Totals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73.25	...	...	247

* Blackened bulb in Vacuo.

* Blackened Bulb in Vacuo.

J. CHISNALL MOORE, Curator.

with the Curator's signature



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[SAINT LUCIA .]
—
[METEOROLOGICAL OBSERVATIONS .]
[1906]

Division of Ocean Meteorology

U. S. Weather Bureau.

April 9, 1907

Received.

Division of Ocean Meteorology

U. S. Weather Bureau,

April 9, 1907

Acknowledged

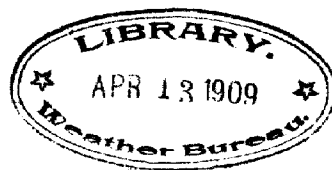
METEOROLOGICAL RETURNS FOR 1906.
BOTANIC STATION, ST. LUCIA.

Long.—60° 59' 49" W. Lat.—14° 0' 56" N. Height above M. S. L.—10 feet.

Months.	Mean Pressure.	Temperature.										Mean Dew Point.	Relative Humidity.	Rainfall.				Tension of Aqueous Vapour.
		Mean.	Means of		Absolute Max. and Min.				Mean Rad. at surface.	Mean Min. Temp. on Ground.	Inches.			Total.	Maximum in one day.	Date.	No. of days on which rain fell.	
			Max.	Min.	Max.	Date.	Min.	Date.										
January	...	30.032	73.3	81.7	65.	83.6	29th	60.	25th	...	64.9	69.2	76.	3.33	96	23rd	19	708
February	...	30.039	73.6	80.	67.2	86.5	25th	62.5	10th	...	64.3	70.	78.	1.90	43	11th	18	738
March	...	30.044	73.6	85.2	66.	87.	30th	64.	8th	...	65.1	70.	73.	2.40	36	15th	18	733
April	...	30.019	79.8	87.5	72.1	90.	30th	65.5	9th	151.9	67.4	75.6	86.	2.01	42	10th	17	885
May	...	30.012	80.4	87.1	73.8	91.	3rd	70.	6th	153.9	71.2	72.5	75.	5.16	97	8th	20	798
June	...	30.015	79.9	85.3	74.6	87.5	22nd	71.5	18th	144.1	72.	73.8	82.	9.08	93	6th	24	840
July	...	30.018	80.2	85.9	74.5	89.	16th	71.5	16th	149.9	72.1	73.8	82.	9.81	132	19th	28	840
August	...	29.989	80.3	87.1	73.5	89.5	28th	71.	17th	153.7	71.5	73.7	79.	13.61	8.15	9th	26	840
September	...	29.949	80.2	87.4	73.1	89.5	18th	70.	10th	151.8	71.6	74.4	84.	9.36	2.68	24th	22	854
October	...	29.943	78.9	85.5	72.9	88.5	21st	69.5	11th	143.2	70.2	73.2	89.	11.57	2.65	5th	18	812
November	...	29.965	78.6	84.7	72.6	88.	10th	68.	4th	125.0	69.	73.3	83.	8.53	1.61	30th	18	812
December	...	29.965	75.8	82.3	69.4	83.5	15th	62.	26th	130.1	66.1	70.7	86.	5.18	82	14th	23	759
Year	{ Means Totals	29.998	78.	84.9	71.1	...	...	...	...	...	68.8	72.5	80.	...	...	...	...	801
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	251

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SAINT LUCIA.
METEOROLOGICAL OBSERVATIONS.
1908



Long.—60° 59' 49" W. Lat.—14° 0' 56" N. Height above M. S. L.—10 feet.

Months.	Mean Pressure.	Temperature.										Rainfall.				Tension of Aqueous Vapour.		
		Means of						Absolute Max. and Min.				Relative Humidity.	Total.	Maximum in one day.	Date.		No. of days on which Rain fell.	
		Mean.	Max.	Min.	Max.	Min.	Date.	Max.	Min.	Date.								
Inches.	°	°	°	°	°	°	°	°	°	°	°	Inches.	°	Inches.	°	°		
January	...	30.02	74.9	82.6	67.2	85.6	25th	63°	12th	135°	65°	68.6	79.6	2.27	.82	2nd	17	.696
February	...	30.051	74.7	82.5	67°	85.5	25th	63°	18th	133.8	64.3	66.9	76.8	2.51	.40	29th	16	.661
March	...	30.024	76.8	84.5	69.2	86.5	5th	63.5	7th	139.8	66.2	67.8	74.1	2.57	.49	18th	21	.684
April	...	30.022	77.7	85°	70.4	88.5	27th	65.5	3rd	143°	67.6	69.2	78.2	5.74	1.32	20th	20	.720
May	...	30.046	80.1	86.8	73.4	89.5	20th	70°	19th	140.4	68°	71°	72.9	3.81	1.35	22nd	17	.759
June	...	30.062	80.7	87.4	74°	91.5	11th	68°	18th	142.5	71.1	72.6	73.6	5.87	.75	19th	23	.798
July	...	30.066	80.2	86.7	73.8	90°	20th	71°	22nd	135.4	71.7	72.9	76°	10.58	2.52	21st	27	.812
August	...	30.027	81.6	88.8	74.4	90.5	21st	71°	24th	138°	72°	73.7	76.4	5.58	1.19	13th	26	.840
September	...	29.961	81.1	88.7	73.6	91.5	20th	71°	26th	128.8	71.2	73.9	81.6	8.96	3.69	25th	25	.840
October	...	29.958	79.1	85.6	72.6	90°	2nd	69.5	30th	133°	70.5	73°	80.4	9.71	2.45	28th	24	.812
November	...	29.962	77.9	85.2	70.7	88°	1st	68°	13th	130.3	67.4	71.6	82.6	4.88	1.78	30th	21	.735
December	...	29.960	77°	82.5	71.5	88.5	3rd	68°	14th	114.4	69.4	71.5	86.3	17.50	4.22	23rd	30	.772
Year	{ Means Totals	30.012	78.5	85.6	71.5	...	...	...	...	134.5	68.7	71.0	77.8	...	...	...	...	.765
		...	...	...	...	...	...	...	...	...	...	...	...	...	79.98	...	...	...

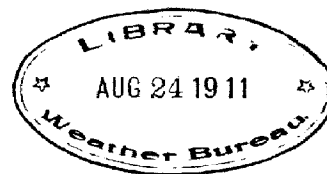
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WINDWARD ISLANDS.

Santa Lucia.

SUMMARY
of
METEOROLOGICAL OBSERVATIONS.
1909.



1404

BOTANIC STATION, ST. LUCIA.

Long.—60° 59' 49" W. Lat.—14° 0' 53" N. Height above M. S. L.—10 feet.

Months.	Mean Pressure.	Temperature.										Mean Dew Point.	Relative Humidity.	Rainfall.				Tension of Vapour.
		Mean.	Means of		Absolute Max. and Min.				Mean Solar Rad.	Mean Min Temp. on Ground.	Inches.			Maximum in one day.	Date.	No. of days on which Rain fell.		
			Max.	Min.	Max.	Min.	Date.	Min.									Date.	
January	...	75.5	82.6	68.5	85.0	2nd	68.5	17th	135.9	65.5	70	88.9	4.56	0.59	7th	24	.720	
February	...	74.5	83.2	65.8	85.0	1st	64.5	26th	141.8	65.2	67.5	77.0	4.29	0.55	8th	27	.672	
March	...	78.6	86.1	71.1	89.5	25th	62.0	2nd	140.7	68.2	68.9	74.0	2.27	0.65	6th	14	.708	
April	...	78.0	84.7	71.4	89.0	1st	67.5	8th	*	69.1	69.5	75.0	4.55	3.27	22nd	23	.720	
May	...	80.4	87.4	73.5	89.0	18th	69.0	1st	...	71.1	71.6	74.0	4.47	1.01	20th	20	.772	
June	...	80.2	86.7	73.8	89.0	6th	67.0	20th	...	71.3	74.0	81.0	10.20	3.05	19th	27	.840	
July	...	80.4	86.7	74.2	89.0	1st	71.0	30th	...	73.0	72.7	73.9	9.99	2.11	29th	26	.799	
August	...	80.4	87.7	73.1	92.0	16th	69.0	19th	...	73.1	74.0	84.0	18.44	3.21	7th	25	.854	
September	...	80.4	88.1	72.7	91.0	5th	68.5	6th	...	74.0	73.9	83.0	6.08	1.38	16th	18	.840	
October	...	79.6	86.5	72.8	91.5	1st	69.0	13th	...	73.4	73.6	81.0	10.32	2.86	17th	25	.826	
November	...	78.0	84.7	71.3	90.0	14th	69.0	9th	...	71.3	72.5	85.0	8.55	1.74	29th	19	.798	
December	...	76.2	82.6	69.9	85.0	5th	66.0	2nd	...	67.6	69.3	80.5	6.76	3.42	5th	19	.720	
Year	...	78.6	85.5	71.5	...	...	...	...	...	70.2	71.4	79.7	...	...	...	...	.772	
	{ Means Totals	...	...	...	...	...	...	...	...	...	...	...	85.43	...	...	...	...	

Observations made at 7 a.m. & 3 p.m. * Instrument out of order.

WINDWARD ISLANDS /

Santa Lucia.Summary of Meteorological
Observations.

1910.

METEOROLOGICAL RETURNS FOR 1910.

BOTANIC STATION, ST. LUCIA.

Long.—60° 59' 49" W.

Lat.—14° 0' 56" N.

Height above M. S. L.—10 feet.

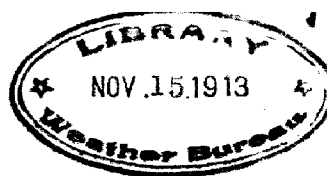
★ AUG 29 1912

Months	Mean Pressure.		Temperature.										Mean Dew Point.		Relative Humidity.		Tension of Aqueous Vapour.		Total.	Maximum in one day.	Date.	No. of days on which Rain fell.
	7 a.m.	3 p.m.	Mean.	Means.		Absolute Max. and Min.				7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.					
				Ins.	Ins.	Max.	Min.	Max.	Date.									Min.	Date.			
	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	Ins.	Ins.		
January ...	29.995	29.058	76.5	82°	84.5	17th	65.5	13th	67.4	67.5	87°	69°	661	684	5.01	1.40	2nd	21	2nd	21		
February ...	30.053	30.020	75.8	82°	84°	5th	62°	2nd	66°	65.8	78.6	64.5	639	639	3.80	.44	6th	21	6th	21		
March ...	29.938	29.949	76.8	83.9	86.5	6th	64°	18th	68.2	68.2	84.2	66.8	684	684	5.38	1.02	19th	21	19th	21		
April ...	30.013	29.971	78.1	85.5	89.5	21st	64°	2nd	69.5	68.6	81.7	64.8	733	708	3.41	1.73	4th	14	4th	14		
May ...	30.034	29.993	78.2	84.6	88°	17th	70°	11th	72.5	70.6	90.5	69.5	812	759	21.95	2.80	24th	28	24th	28		
June ...	30.047	30.918	80°	86.4	89°	26th	71.5	9th	73.7	72.8	87.6	67.3	840	785	15.12	3.90	8th	23	8th	23		
July ...	30.092	30.007	80.1	86.7	90°	28th	70.5	14th	73°	72.3	82°	67.3	812	785	8.67	1.55	10th	27	10th	27		
August ...	29.980	29.987	80.3	87.4	90°	11th	70°	26th	74.2	72.9	84.8	71.9	840	812	10.90	1.43	12th	28	12th	28		
September ...	29.965	29.928	80.3	87.9	92.5	9th	70°	8th	75.4	72.1	90.6	69.6	868	785	9.99	1.27	30th	19	30th	19		
October ...	29.938	29.904	79.3	87°	90.5	23rd	69°	24th	75.3	71.9	93.6	72.1	868	785	11.77	2.14	1st	18	1st	18		
November ...	29.993	29.939	79.6	86.6	90°	2nd	69°	25th	72.5	71.6	90.5	69.5	812	785	5.34	2.15	26th	15	26th	15		
December ...	29.986	29.968	76.8	83°	86°	17th	63°	19th	71.2	71.6	93.4	76.7	759	785	5.67	.91	17th	18	17th	18		
Year { Means Totals	30.004	29.967	78.4	85.3	...	...	...	...	71.5	70.4	87°	69°	777	749	...	...	...	...	...	...		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	107.01	...	...	...	...	268		

Pressure readings corrected for instrumental error, temperature and altitude.

METEOROLOGICAL OBSERVATIONS.

1911.



St. Lucia, Windward I.

1911

BOTANIC STATION, ST. LUCIA.

Long.—9° 59' 49" W. Lat.—14° 0' 56" N. Height above M. S. L.—10 feet.

Months	Mean Pressure.		Temperature.						Mean Dew Point.		Relative Humidity.		Tension of Aqueous Vapour.		Rainfall.		No. of days on which rain fell.			
	Mean.		Means.				Absolute Max. and Min.				Relative Humidity.		Tension of Aqueous Vapour.		Total.	Maximum in one day.				
	7 a.m.	3 p.m.	Max.	Min.	°	Max.	Date.	Min.	Date.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.				3 p.m.		
January	...	...	29-990	29-981	75.3	81.8	68.8	°	84.0	12th	62.5	6th	68.7	67.3	93.2	67.	-708	-661	Ins.	26
February	...	...	29-997	29-972	75.2	82.0	68.5	°	86.0	25th	60.0	19th	68.1	68.1	93.3	71.4	-684	-684	4.23	15
March	...	...	30-015	29-993	75.5	84.4	66.7	°	87.5	31st	63.0	9th	68.6	68.3	96.5	64.6	-708	-639	5.95	17
April	...	...	30-051	30-009	78.6	86.5	70.7	°	90.0	29th	62.5	25th	71.3	68.3	84.6	62.6	-759	-684	7.94	13
May	...	...	30-083	29-984	79.4	87.4	71.4	°	90.5	22nd	67.5	1st	73.4	70.9	87.5	67.2	812	-759	13.02	20
June	...	...	30-106	30-070	80.5	87.0	74.0	°	89.0	1st	70.0	5th	73.3	72.7	81.8	72.0	812	-812	9.14	26
July	...	...	30-103	30-061	80.4	87.5	73.4	°	90.0	8th	70.0	3rd	75.4	76.9	90.6	79.5	-868	-927	7.55	24
August	...	...	30-019	29-993	80.9	88.2	73.7	°	90.5	30th	68.5	3rd	74.3	75.2	87.6	72.1	-840	-868	8.55	25
September	...	...	30-012	29-968	80.4	88.1	72.7	°	92.0	16th	69.5	12th	74.6	73.6	93.6	72.1	-868	-840	10.01	23
October	...	...	30-030	29-960	79.9	87.4	72.4	°	91.0	12th	68.5	6th	75.0	73.9	93.6	74.4	-868	-840	7.08	13
November	...	...	30-003	29-953	78.3	85.1	71.6	°	88.0	9th	70.0	8th	72.8	72.5	93.5	76.7	-812	-785	9.00	29
December	...	...	30-007	29-973	77.5	84.2	70.8	°	88.0	8th	66.0	26th	70.6	71.4	87.4	71.8	-759	-759	3.99	26
Year {	Means	...	30-028	29-993	78.4	85.8	71.2	...	...	...	...	...	72.1	71.4	90.2	70.9	-791	-771	...	...
Year {	Totals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	107.67	262

Pressure readings corrected for instrumental error, temperature and altitude.

St. Lucia.

METEOROLOGICAL OBSERVATIONS.

1912.

1912 **BOTANIC STATION, ST. LUCIA.**

Long.—60° 59' 49" W. Lat.—14° 0' 56" N. Height above M. S. L.—10 feet.

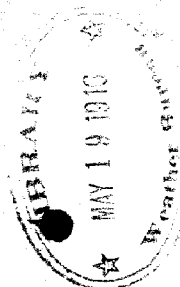
Months	Temperature.				Rainfall.			
	Mean Pressure.		Mean Dew Point.		Tension of Aqueous Vapour.		Relative Humidity.	
	Mean.		Absolute Max. and Min.		7 a.m. 3 p.m.		7 a.m. 3 p.m.	
	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.
January	...	...	...	...	...	...	...	...
February	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...
August	...	...	...	...	...	...	...	...
September	...	...	...	...	...	...	...	...
October	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...
December	...	...	...	...	...	...	...	...
Year	...	...	...	...	...	...	...	...
Totals	...	...	...	...	...	...	...	...

Pressure readings corrected for instrumental error, temperature and altitude.

METEOROLOGICAL RETURNS FOR 1913.

BOTANIC STATION, ST. LUCIA.

Long.—60° 59' 49" W. Lat.—14° 0' 56" N. Height above M. S. L.—10 feet.



Months	Mean Pressure.				Temperature.										Mean Dew Point.				Relative Humidity.		Tension of Aqueous Vapour.		Rainfall.			No. of days on which rain fell.
	7 a.m.		3 p.m.		Mean.	Means.		Absolute Max. and Min.						7 a.m.		3 p.m.		7 a.m.		3 p.m.		Total.	Maximum in one day.	Date.		
						Max.	Min.	Max.	Date.	Min.	Date.															
	Ina.	Ina.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°		
January	...	30-049	30-018	75-8	81-1	70-6	85-0	1st	66-5	3rd	68-1	69-9	84-2	76-5	68-4	753	14-12	3-16	9th	22						
February	...	30-084	30-055	75-1	81-8	68-5	84-5	22nd	62-0	19th	68-1	68-7	87-1	71-5	68-4	708	2-66	.66	2nd	20						
March	...	30-098	30-066	75-9	81-8	70-0	85-0	6th	65-0	20th	68-9	70-5	90-2	79-2	733	759	5-82	.88	26th	26						
April	...	30-024	29-989	77-1	84-0	70-2	87-0	30th	66-0	16th	72-3	73-6	93-4	79-4	785	840	3-64	.68	22nd	23						
May	...	30-023	29-984	82-1	87-0	72-2	89-5	19th	66-5	11th	72-2	72-4	84-6	65-2	785	785	3-24	.63	29th	19						
June	...	30-059	30-032	80-0	85-7	74-3	88-5	12th	71-6	8th	73-1	73-2	84-7	71-9	812	812	7-03	1-31	28th	27						
July	...	30-068	30-047	80-5	85-5	74-6	89-0	6th	71-0	1st	72-7	76-4	84-7	74-5	812	897	5-01	.81	16th	17						
August	...	30-033	30-008	79-8	85-4	74-2	89-0	3rd	71-0	16th	75-7	79-9	93-6	90-6	897	1-023	15-65	4-18	26th	24						
September	...	29-974	29-948	80-2	86-5	73-9	89-5	4th	71-0	23rd	75-1	78-5	90-6	84-9	868	890	7-72	.94	19th	23						
October	...	29-968	29-963	79-0	85-0	73-1	88-0	1st	69-5	23rd	73-9	73-3	93-6	74-3	840	812	10-76	1-19	17th	31						
November	...	29-969	29-932	78-0	84-3	71-8	88-0	10th	67-0	23rd	73-6	72-2	95-6	74-2	840	785	10-59	1-88	24th	21						
December	...	30-006	29-972	75-8	83-1	68-6	89-0	3rd	63-0	29th	70-6	70-1	96-6	71-6	769	733	3-29	.87	7th	14						
Year { Means	...	30-031	30-000	78-2	84-3	71-8	...	...	...	...	73-0	73-2	89-7	76-1	791	823	✓ 89-53	...	...	...	...					
{ Totals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	266					

(Pressure readings corrected for instrumental error, temperature and altitude.)

METEOROLOGICAL RETURNS FOR 1914.

BOTANIC STATION, ST. LUCIA.

Long.—60° 59' 49" W. Lat.—14° 0' 56" N. Height above M. S. L.—10 feet.

Months	Mean Pressure.				Temperature.								Mean Dew Point.		Relative Humidity.		Tension of Aqueous Vapour.		Rainfall.		No. of days on which rain fell.		
	7 a.m.		3 p.m.		Mean.	Means.		Absolute Max. and Min.				7 a.m.		3 p.m.		7 a.m.		3 p.m.		Total.		Maximum in one day.	Date.
	Ins.	Ins.	°	°		°	°	°	°	°	°	°	°	°	°	°	°	°	Ins.				
					Max.															Min.		Max.	Min.
January	...	30-060	30-031	76-0	82-8	69-2	36-0	3rd	65-0	1st	67-4	68-5	87-0	71-5	661	708	3-55	1-07	31st	16			
February	...	30-069	30-031	78-6	82-9	74-4	85-0	16th	65-5	24th	68-0	68-3	81-4	66-8	684	684	2-38	73	9th	14			
March	...	30-047	30-019	77-5	84-3	70-8	88-0	29th	63-0	1st	69-5	68-9	87-2	62-7	733	706	2-45	58	7th	20			
April	...	30-027	30-087	79-0	85-0	73-0	89-0	17th	69-5	24th	72-6	72-5	90-5	69-6	812	812	4-02	1-03	26th	20			
May	...	30-049	30-015	80-1	85-0	75-2	91-0	3rd	73-0	11th	75-5	75-8	90-6	74-5	897	897	3-54	1-65	29th	15			
June	...	30-044	30-020	80-3	86-4	75-2	88-0	10th	73-5	19th	70-7	80-2	76-6	90-8	759	1-023	6-74	1-78	18th	26			
July	...	30-078	30-057	80-4	86-1	74-8	89-0	18th	72-0	9th	71-8	71-6	79-2	67-3	785	785	8-39	1-13	26th	25			
August	...	30-050	30-065	80-6	87-3	73-9	89-0	5th	70-0	31st	73-7	73-3	82-1	69-7	840	812	3-41	57	4th	19			
September	...	30-017	30-085	80-6	87-0	74-2	89-0	1st	71-0	15th	73-7	76-7	87-6	79-5	840	927	8-66	1-04	18th	26			
October	...	30-001	30-062	80-5	87-6	73-4	89-0	14th	70-0	3rd	73-5	67-4	84-8	56-7	840	661	5-23	1-57	31st	23			
November	...	29-976	29-929	79-2	86-2	73-3	88-0	2nd	71-0	12th	73-8	72-2	93-6	71-8	840	785	9-86	1-31	21st	25			
December	...	30-029	29-878	78-6	82-9	74-4	87-0	13th	72-0	3rd	71-9	71-3	87-5	74-1	785	759	10-87	1-40	22nd	30			
Year { Means Totals	...	30-035	80-018	79-2	86-1	73-4	...	...	...	...	71-8	72-2	85-6	71-2	789	796	...	...	...	...			
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67-60	...	...	...			

Pressure readings corrected for instrumental error, temperature and altitude.

ARCHIBALD J. BROOKS.

c/hc 100
5145

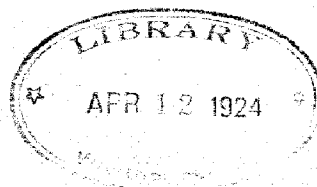
ST LUCIA
METEOROLOGICAL OBSERVATIONS.
1921.

Meridian of longitude adopted for calculation of time
adopted as standard in the Colony

60°.

Hours slow of Greenwich mean time

4 hrs.



C/hc100
S145

ht.—Sea Level.

hr.—Sea Level.

CASTRIES, BOTANIC STATION.

Months.	Amount of Cloud.				Rainfall.			Weather. No. of Days of						Wind. No. of Observations of									
	7	1	9	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January	...	...	...	...	4.89	.63	16th	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
February	...	...	...	...	4.14	.78	27th	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
March	...	...	...	...	4.57	.49	1st	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
April	...	...	...	...	2.46	.41	8th	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
May	...	...	...	...	3.93	1.02	29th	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
June	...	...	...	...	7.33	1.12	26th	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
July	...	...	...	...	11.83	1.73	11th	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
August	...	...	...	...	9.36	1.24	9th	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
September	...	...	...	...	7.77	1.28	8th	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
October	...	...	...	...	10.12	2.50	13th	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
November	...	...	...	...	5.79	1.34	5th	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
December	...	...	...	...	17.87	4.62	24th	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Year	...	...	...	...	90.06	4.62	Dec. 24th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

WEATHER.

The total rainfall for the year 1921 was 90.06 inches which is 2.60 inches in excess of the previous year.

The precipitation varied from 2.46 in April to 17.87 in December.

Section 29.

METEOROLOGICAL OBSERVATIONS.
1923.

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	60°.
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION REUNION, ST. LUCIA. B.W.I. 1923

Longitude = 61° 3' 20" W. Latitude = 13° 46' 50" N. H = 200 ft.

Months,	Mean Pressure. inches.	Air Temperature.—Degrees.—F.										Vapour Pressure. (Tension of Vapour) in Millibars.				Relative Humidity.— per cent.			
		7	12	5	Mean.	Means of		Absolute Min. and Max.				7	12	5	Mean.	7	12	5	Mean.
		a.m.	noon	p.m.		Min.	Max.	Min.	Date.	Max.	Date.	a.m.	noon	p.m.		a.m.	noon	p.m.	
January ...	...	...	...	...	...	...	not	recorded	...	...	...	...	...	...	...	...	...	...	...
February ...	29.68	...	...	...	...	...	not	recorded	...	...	...	...	...	...	...	...	...	...	...
March ...	29.60	72	83	77	77	69	84	67	5th	87	9th	21	20	20	20.6	78	52	64	64.6
April ...	29.58	75	81	78	78	71	83	69	7th	86	1st	22	21	21	21.5	75	57	66	66.0
May ...	29.47	77	84	81	81	73	86	69	15th	91	12th	24	22	23	23.3	76	54	63	64.3
June ...	29.49	78	83	81	81	74	85	70	8th	88	19th	25	23	23	24.2	78	60	66	68.0
July ...	29.49	77	83	80	80	73	85	71	15th	87	2nd	26	25	25	25.7	81	64	73	72.6
August ...	29.47	78	83	82	81	73	84	71	30th	89	25th	26	25	26	26.0	80	65	69	71.3
September...	29.57	78	84	81	81	73	85	70	19th	89	20th	25	24	24	24.7	77	60	66	67.6
October ...	29.52	79	84	81	81	74	86	71	17th	91	3rd	25	25	25	25.4	75	63	69	69.0
November...	29.60	78	84	80	81	73	86	69	24th	89	6th	25	24	24	24.6	77	59	70	68.6
December ...	29.53	75	82	77	78	71	85	69	12th	89	1st	24	24	24	24.1	81	64	71	73.0
Year ...	29.54	76	83	79	79.9	72.4	84.9	69	5th March	91	12th May	24	23	23	24.0	77	59	68	68.5

ht.—3 ft. 0 ins.

hr.—Rim=1 ft. 0 ins.

REUNION STATION.

Months.	Amount of Cloud.				Rainfall. (inches)			Weather. No. of Days of						Wind. No. of Observations of (at 7 a.m. 12 noon & 5 p.m.)									
	7 A.M.	12 noon	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January	...	not recorded	...	...	.91	.30	17th	7	...	not	recorded	...	...	...	...	...	...	...	...	...	...	...	
February	...	...	...	...	1.86	.32	22nd	22	...	...	...	...	...	...	...	...	not	recorded	...	...	...	...	
March	4	...	5	5.3	1.67	.26	28th	25	...	...	16	15	...	1	3	76	8	4	...	...	...	1	
April	6	...	6	6.1	4.12	.83	19th	21	...	...	13	17	...	1	2	34	43	10	...	...	...	...	
May	4	...	4	4.6	.68	.33	30th	7	...	...	30	1	...	...	5	19	63	6	...	...	...	...	
June	4	...	5	5.1	4.79	2.57	7th	17	...	1	22	8	1	1	4	35	44	6	...	...	...	...	
July	5	...	5	5.4	8.09	1.16	29th	23	...	6	16	15	3	3	8	31	32	19	...	...	...	...	
August	5	...	5	5.2	3.27	.47	20th	27	...	5	28	3	...	4	14	20	36	15	2	...	...	2	
September	4	...	4	4.6	3.58	.61	8th	22	...	8	26	4	...	2	12	22	38	14	2	...	...	...	
October	5	...	6	5.6	6.18	1.16	12th	20	...	1	21	10	1	1	24	9	39	13	3	...	1	3	
November	4	...	5	5.0	2.88	.71	6th	14	...	2	22	8	...	4	19	15	33	7	4	1	1	6	
December	6	...	6	6.3	5.73	2.64	16th	15	...	1	22	9	...	8	22	24	22	3	1	2	2	9	
Year	5	...	5	5.3	43.76	2.64	16th Dec.	220	...	24	216	90	5	25	113	285	358	97	12	3	4	21	
								% = 60.2	...	7.8	70.5	29.4	1.6	% = 2.7	12.3	31.0	39.0	10.5	1.3	.3	.4	2.2	

MEMORANDUM ON METEOROLOGICAL CONDITIONS FOR THE YEAR 1923.

SAINT LUCIA, B.W.I.

Rainfall.—The rainfall recorded for this year was 19.13 inches below average of 24 years at the Botanic Gardens, Castries; dry conditions were experienced especially in January marking the close of the drought of 1922, and in May when planting of provisions was limited; as a result prices for local produce were slightly above the ratio for 1922.

Temperature.—Temperature records obtained from the Agricultural Experiment Station, Reunion, show a Mean Noon temperature of 83° in the shade, and a Mean Night temperature of 72.4°, the range of temperature was 24° (67°—91°).

Barometric Pressure was fairly constant; mean 29.54 inches.

Storm conditions prevailed with a gale of wind on five occasions, markedly so on June 7th when 2.57 inches of rain were recorded at Reunion; a local storm or squall caused some damage to small craft in Castries Harbour on October 17th; the amount of "fine days with clear sky" registered was 70.5%.

ERNEST A. WALTERS,
Agricultural Superintendent.

May 14, 1924.

Section 29.

*St. Lucia***METEOROLOGICAL OBSERVATIONS.****1924.**

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	60°.
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION REUNION, ST. LUCIA. B.W.I. 1924

Longitude = 61° 3' 20" W. Latitude = 13° 46' 50" N. H = 500 ft.

Months.	Mean Pressure. inches.	Air Temperature, = Degrees, = F.										Vapour Pressure. (Tension of Vapour) in Millibars.				Relative Humidity, = per cent.			
		7	12	5	Mean.	Means of		Absolute Min. and Max.				7	12	5	Mean.	7	12	5	Mean.
		a.m.	noon	p.m.		Min.	Max.	Min.	Date.	Max.	Date.	a.m.	noon	p.m.		a.m.	noon	p.m.	
January ...	29.75	73.5	81.5	77.6	77.5	69.7	82.7	66	16th	86	5th	21	23	22	22.4	78.2	64.1	69.9	70.7
February ...	29.72	73.3	83.5	80.4	79.0	68.9	83.3	65	2nd	87	4th	21	20	21	21.1	78.6	53.9	62.0	64.8
March ...	29.66	76.4	86.5	82.5	81.4	71.0	86.1	68	2nd	91	9th	21	20	20	20.9	70.3	49.6	51.7	57.2
April ...	29.62	78.2	87.2	83.6	83.0	72.8	87.3	69	3rd	92	30th	23	21	22	22.3	72.7	49.6	57.7	60.0
May ...	29.64	78.0	86.1	83.2	82.4	72.9	88.1	72	4th	92	23rd	25	23	23	23.9	76.5	54.5	60.5	63.8
June ...	29.66	78.9	84.7	82.2	81.9	72.1	85.5	71	6th	89	6th	25	24	25	25.1	76.5	62.0	67.5	68.6
July ...	29.68	77.7	83.5	80.1	80.4	72.8	84.0	71	18th	89	20th	25	26	25	25.9	80.5	67.3	73.5	73.7
August ...	29.62	77.8	84.7	83.0	81.8	73.1	85.0	70	21st	90	9th	25	27	27	26.8	81.0	68.0	72.3	73.7
September ...	29.65	78.2	84.8	83.2	82.0	73.1	85.7	70	15th	90	9th	26	26	27	26.9	83.1	65.0	72.3	73.4
October ...	29.63	78.5	84.9	80.8	81.4	73.1	84.6	71	1st	91	15th	26	28	27	27.3	80.7	69.0	76.0	75.2
November ...	29.63	78.9	84.4	80.0	81.1	73.4	84.2	69	27th	89	1st	27	26	27	27.1	81.0	66.5	80.0	75.8
December ...	29.69	76.8	82.2	78.5	79.0	71.7	82.2	69	11th	88	3rd	24	24	25	24.7	78.2	66.0	77.0	73.7
Year ...	29.66	77.1	84.5	81.2	80.9	72.0	84.8	65	2nd Feb.	92	30th April	24.6	24.4	24.6	24.5	78.1	61.2	68.3	69.2

Ther. *ht.*—3 ft. 0 ins.Raingauge *ht.*—Rim—1 ft. 0 ins.

REUNION STATION.

Month.	Amount of Cloud.				Rainfall. (inches)			Weather. No. of Days of							Wind. No. of Observations of (at 7 a.m. 12 noon & 5 p.m.)									
	7 A.M.	12 noon	5 P.M.	Mean.	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	5	...	5	5	4.84	.54	4th	26	...	0	2	29	...	2	19	40	23	6	0	1	0	2		
February	6	...	4	5	1.90	.32	18th	17	...	0	29	0	...	6	10	17	42	0	4	4	1	3		
March	5	...	3	4	2.0	.13	31st	5	...	0	31	0	...	2	3	1	68	5	10	1	3	0		
April	5	...	5	5	.76	.15	5th	9	...	0	30	0	...	2	4	1	72	1	5	4	1	0		
May	6	...	4	5	2.63	.46	5th	23	...	0	29	2	...	1	2	1	79	0	8	1	1	0		
June	5	...	6	5	5.54	.74	4th	23	...	2	22	8	...	2	1	3	80	0	3	1	...	0		
July	6	...	6	6	10.16	1.60	31st	27	...	2	17	14	1	2	3	2	80	2	1	...	...	3		
August	5	...	5	5	11.24	3.20	16th	25	...	5	21	10	2	1	0	13	64	7	1	...	...	7		
September	5	...	5	5	6.84	3.32	13th	22	...	7	22	8	2	...	1	27	43	11	2	...	...	6		
October	5	...	5	5	8.45	1.54	28th	26	...	1	24	7	0	...	0	33	34	13	1	...	...	12		
November	5	...	6	5	5.18	1.34	29th	21	...	2	24	6	1	...	1	21	58	7	0	...	...	3		
December	7	...	5	6	6.31	.78	20th	30	...	0	21	10	4	...	0	36	54	1	0	...	...	2		
Year	5	...	4	5.0	64.05	3.32	13th Sept.	254	...	19	272	94	10	18	44	195	697	53	35	12	6	38		
								$\bar{p} = 69.3$	...	5.1	$\bar{c} = 74.3$	25.6	2.7	$\bar{w} = 1.6$	4.0	17.7	63.5	4.8	3.2	1.1	0.6	3.5		

MEMORANDUM ON METEOROLOGICAL CONDITIONS FOR THE YEAR 1924.

SAINT LUCIA, B.W.I.

Rainfall.—The rainfall recorded at the Botanic Gardens, Castries, for this year was 82.88 inches, being 2.25 inches above the average for 25 years (=80.63 inches); the distribution throughout the year was below the normal for March and April, when a total of only 1.09 inches fell, and above the normal in July, August, and September, with a total of 41.46 inches of rain. Favourable rains in June and July, promoted an extension of small proprietors, ground provisions, and sugar cane.

Temperature.—Temperature records show a Mean Noon temperature of 84.50 in the shade, and a Mean Night temperature of 72°, the range of temperature being 27° (92°—65°).

Pressure.—Barometric Pressure was normal; Mean 29.66 inches.

A total of 10 "Storm and Gale" conditions occurred, during August and September, and in December, "Maximum precipitation" was recorded with a S.W. gale on September 13th, the amount of "Fine days with clear sky" registered was 74.3%.

ERNEST A. WALTERS.
Agricultural Superintendent.

March 23rd, 1925.

Section 29.

METEOROLOGICAL OBSERVATIONS.**1925.**

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	60°.
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION REUNION, ST. LUCIA. B.W.I. 1925

Longitude = 61° 3' 20" W. Latitude = 13° 46' 50" H = 500 ft.

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour				Relative Humidity.			
		7	12	5	Mean.	Means of		Absolute Min. and Max.				7	1	9	Mean.	7	12	5	Mean.
		a.m.	noon	p.m.		Min.	Max.	Min.	Date.	Max.	Date.								
January ...	29.80	72.5	80.6	76.3	76.5	67.6	79.6	64	24th	84	16th					81.0	65.5	73.5	73.6
February ...	29.75	72.3	81.7	78.2	77.4	67.5	80.9	65	3rd	87	9th					80.5	60.0	68.5	69.6
March ...	29.70	73.5	83.6	79.6	78.9	69.1	82.9	64	14th	89	15th					77.1	54.3	65.9	65.7
April ...	29.69	77.2	85.2	81.7	81.4	71.8	84.5	67	15th	90	9th					78.5	56.5	62.2	65.7
May ...	29.73	77.5	85.3	82.4	81.7	72.1	84.5	69	6th	90	2nd					77.1	58.1	64.2	66.4
June ...	29.72	77.4	83.1	81.1	80.5	72.5	83.8	69	29th	89	12th					80.5	66.3	71.6	72.8
July ...	29.76	78.7	85.3	82.3	82.1	73.6	84.9	71	20th	90	27th					82.5	63.7	67.5	71.2
August ...	29.74	78.0	83.8	81.2	81.0	73.9	84.1	72	6th	88	1st					85.5	72.3	76.1	77.9
September...	29.65	78.4	84.8	81.4	81.5	73.9	84.6	70	7th	88	5th					84.5	67.0	75.8	75.8
October ...	29.63	78.0	84.8	80.7	81.2	73.9	84.2	71	30th	89	4th					84.5	69.0	75.5	77.0
November...	29.65	77.2	83.4	79.1	79.9	73.4	83.8	69	13th	91	10th					85.5	69.3	78.8	77.8
December ...	29.72	75.1	85.7	80.0	80.3	70.6	84.0	69	17th	90	27th					81.2	58.0	73.5	70.9
Year ...	29.71	76.3	83.9	80.3	80.2	71.6	83.5	64	24th Jan.	91	10th Nov.					81.5	63.4	71.2	72.0

Ther. ht.—3 ft. 0 ins.

Raingauge hr.—Rim—1 ft. 0 ins.

REUNION STATION.

Months.	Amount of Cloud.				Rainfall (inches)			Weather. No. of Days of							Wind. No. of Observations of									
	7 A.M.	1 Noon	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January	7	...	6	7	7.36	1.74	17th	31	...	1	15	16	0	0	0	44	45	4	0	0	...	0		
February	6	...	6	6	0.84	0.21	19th	13	...	0	19	9	0	0	0	46	29	3	0	0	...	6		
March	6	...	6	6	1.05	0.20	20th	14	...	0	19	12	0	2	1	18	63	2	1	3	...	3		
April	6	...	6	6	4.30	2.77	10th	17	...	0	27	3	1	0	1	27	57	3	0	0	...	2		
May	6	...	6	6	3.18	1.05	23rd	22	...	0	19	12	0	1	2	28	54	7	1	0	...	0		
June	7	...	8	8	10.64	3.82	28th	26	...	2	9	21	2	0	0	10	70	4	0	0	...	6		
July	7	...	6	6	5.73	0.72	1st	30	...	3	15	16	0	0	2	25	57	8	0	0	...	1		
August	7	...	7	7	11.46	2.06	7th	31	...	2	8	23	0	0	0	59	29	2	1	0	...	2		
September	6	...	7	8	6.57	0.74	6th	27	...	2	9	21	0	0	0	82	1	0	0	0	...	7		
October	7	...	7	7	5.83	0.88	12th	26	...	4	12	19	0	0	0	48	36	0	0	0	...	9		
November	7	...	7	7	7.08	2.68	16th	25	...	1	10	20	0	0	0	31	49	0	0	0	...	10		
December	7	...	7	7	1.63	0.67	28th	17	...	0	20	11	0	0	0	72	6	0	0	0	...	15		
Year	6	...	6	6.6	65.67	3.82	28th June	279	...	15	132	183	3	3	6	490	496	33	3	3	...	61		

MEMORANDUM ON METEOROLOGICAL CONDITIONS FOR THE YEAR 1925.

SAINT LUCIA. B.W.I.

Rainfall.—The total rainfall recorded at the Botanic Gardens, Castries, for the year 1925 was 76.76 inches, being 3.77 inches below the average for 25 years (=80.63 inches); the distribution throughout the year was above normal for January and again in August with a rainfall of 14.37 inches at Castries; rainfall for the remainder of the year was generally below normal particularly during February, March, April and May and this restricted planting of ground provisions and temporary crops.

Temperature.—Temperature records (Reunion) show a Mean Noon temperature of 83.9° in the shade, and a Mean Night temperature of 71.6° the range of temperature being 28° (Min. 64° Max. 91°)

Pressure. Barometric Pressure was normal except for two low pressure areas (29.49") occurring on 24th September and 31st October, accompanied by western winds and heavy seas. Mean 29.71".

The weather throughout the year was equable "Storm and Gale" conditions occurred on three occasions only, two of which in June, were accompanied by thunder storms. "Maximum precipitation" being recorded in June 28th. The number of "clear sky" and "overcast" days was about equal.

ERNEST A. WALTERS,
Agricultural Superintendent.

March 29th, 1926.

Section 29.

St. Lucia

METEOROLOGICAL OBSERVATIONS.

1926.

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	60°
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION REUNION, ST. LUCIA, B.W.I. 1926

Longitude = 61° 3' 20" W. Latitude = 13° 46' 50" H = 210 ft.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour				Relative Humidity.					
		7	12	5	Mean.	Means of		Absolute Min. and Max.				7	1	9	Mean.	7	12	5	Mean.
		a.m.	noon	p.m.		Min.	Max.	Max.	Date.	Min.	Date.								
January ...		73.6	83.4	77.9	78.3			88	11th	64	20th								
February ...		73.7	84.3	79.0	79.0			88	10th	66	15th								
March ...		74.8	86.6	80.0	80.4			91	26th	67	1st								
April ...		77.3	87.0	82.7	82.3			93	14th	69	3rd								
May ...		78.4	87.0	83.8	83.0			93	11th	71	3rd								
June ...		78.3	85.0	82.7	82.0			93	8th	70	21st								
July ...		79.0	86.2	83.3	82.8			82	20th	70	1st								
August ...		78.9	86.5	83.5	82.9			93	2nd	72	19th								
September...		79.5	86.8	82.7	82.6			94	11th	72	3rd								
October ...		79.1	85.3	80.8	81.7			93	17th	72	10th								
November ...		77.5	84.1	79.4	80.6			93	3rd	70	11th								
December ...		74.0	84.3	79.3	79.2			88	2nd	62	14th								
Year ...		77.2	85.5	81.3	81.3			94	11th Sept.	62	14th Dec.								

Ther. *ht* = 3 ft. 0 ins. Raingauge *hr.* = 1 ft. 0 ins. REUNION STATION.

Months.	Amount of Cloud.				Rainfall. (inches)			Weather. No. of Days of						Wind. No. of Observations of									
	7 A.M.	1 Noon	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January ...					4.49	0.52	12th	29						0	0	68	15	0	0	0	0	10	
February ...					2.59	0.35	22nd	22						0	0	67	6	0	0	0	0	11	
March ...					1.50	0.40	8th	14						0	0	66	23	0	0	0	0	4	
April ...					1.01	0.19	8th	17						0	0	73	16	0	0	0	0	1	
May ...					2.06	0.44	24th	20						0	0	59	30	0	0	0	0	4	
June ...					7.74	1.16	21st	21						0	0	59	24	0	0	0	0	7	
July ...					7.03	1.88	22nd	21						0	0	59	20	0	0	0	0	13	
August ...					8.89	3.65	18th	27						0	0	55	16	1	0	0	0	21	
September ...					6.49	1.05	22nd	20						0	0	29	26	0	3	4	0	28	
October ...					6.30	0.93	9th	27						0	0	65	6	0	0	0	0	22	
November ...					8.16	1.55	28th	22						0	0	68	1	0	0	0	0	21	
December ...					2.88	1.33	7th	13						2	14	70	3	0	1	0	1	2	
Year ...					59.14	3.65	18th Aug.	253						2	14	738	186	1	4	4	1	144	

MEMORANDUM ON METEOROLOGICAL CONDITIONS FOR THE YEAR 1926.

SAINT LUCIA, B.W.I.

Rainfall.—The total rainfall recorded at the Botanic Gardens, Castries, for the year 1926 was 68.12 inches, being 21.37 inches below the average for 37 years (=89.49 inches); the distribution of rainfall throughout the year was below normal in February, March, April and May when dry weather prevailed; this allowed for continuous reaping of the cane crop but restricted the planting of temporary crops.

Good rains were experienced in June, July and August, followed by a moderately dry period in September and October.

Temperature.—Temperature records (Reunion Experiment Station) show a Mean Noon temperature of 85.5° in the shade, the maximum temperature recorded was 94°, the minimum temperature being 62°, giving a range of 32°.

Weather.—The weather generally was fair throughout the year, high day temperature prevailed during the wet period June to September and were accompanied by frequent thunder-storms; Maximum precipitation 3.65 inches was recorded at Reunion on August 18th.

ERNEST A. WALTERS,
Agricultural Superintendent.

Section 29.

SAINT LUCIA.

METEOROLOGICAL OBSERVATIONS.**1927.**

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	69°
Hours slow of Greenwich mean time	..	...	4 hrs.

STATION REUNION, ST. LUCIA. B.W.I. 1927

Longitude = 61° 3' 20" W. Latitude = 13° 46' 50" N = 210 ft.

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour.				Relative Humidity.			
		7	12	5	Mean.	Means of		Absolute Max. and Min.				7	1	9	Mean.	7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max.	Date.	Min.	Date.								
January ...		73.7	84.3	80.9	79.6			89	9th	67	3rd								
February ...		74.8	84.3	80.3	79.8			90	16th	65	24th								
March ...		77.3	85.0	81.5	81.3			92	8th	68	12th								
April ...		77.1	83.4	80.9	80.4			89	9th	70	24th								
May ...		78.5	86.8	83.4	82.9			92	18th	70	23rd								
June ...		78.6	83.4	81.1	81.0			89	2nd	71	13th								
July ...		78.7	85.6	83.7	82.7			91	19th	72	4th								
August ...		79.4	88.4	85.2	84.3			96	25th	72	9th								
September ...		79.7	88.0	84.1	83.9			93	8th	71	14th								
October ...		80.0	86.5	82.3	82.9			92	6th	71	15th								
November ...		77.1	86.5	81.7	81.7			92	9th	71	5th								
December ...		75.6	86.0	80.0	80.5			91	20th	66	30th								
Year ...		77.5	85.7	82.2	81.7			96	25th Aug.	65	24th Feb.								

Ther. ht.—3 ft. 0 ins. Raingauge hr.—1 ft. 0 ins. REUNION STATION.

Months.	Amount of Cloud.				Rainfall. (inches)			Weather. No. of Days of							Wind. No. of Observations of									
	7	1	5	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
	A. M.	NOON.	P. M.																					
January ...					2.74	0.67	11th	16					0	0	18	73	2	0	0	0	0	0	0	
February ...					1.54	0.28	2nd	16					0	0	11	72	0	0	1	0	0	0	0	
March ...					1.62	0.86	27th	13					0	1	2	77	7	3	2	0	1	0	0	
April ...					6.08	0.95	9th	23					0	1	4	66	17	1	0	0	1	0	0	
May ...					4.77	1.50	22nd	20					0	0	6	69	18	0	0	0	0	0	0	
June ...					15.13	2.30	9th	24					0	0	2	77	11	0	0	0	0	0	0	
July ...					5.15	1.15	12th	17					0	0	8	72	11	0	1	1	0	0	0	
August ...					5.52	1.53	29th	22					0	3	6	67	11	0	1	1	4	0	0	
September ...					6.04	1.80	25th	26					0	1	20	56	10	0	1	1	0	1	0	
October ...					12.08	5.80	28th	27					1	2	23	45	12	5	1	1	4	0	0	
November ...					8.23	2.91	27th	24					1	3	21	53	9	2	1	0	1	0	0	
December ...					1.05	0.38	7th	13					0	10	40	36	3	0	3	0	1	0	0	
Year ...					69.95	5.80	28th Oct.	241					2	21	161	763	111	11	11	4	12	1	0	

MEMORANDUM ON METEOROLOGICAL CONDITIONS FOR THE YEAR 1927.

SAINT LUCIA, B.W.I.

Rainfall.—The total rainfall recorded at the Botanic Gardens, Castries, for the year 1927 was 105.08 inches, this was 26.28 inches above the average for 28 years (=78.80 inches), and was the highest recorded in the Gardens since the year 1916. Maximum precipitation occurred on March 22nd with a rainfall of 5 inches.

The distribution of rainfall throughout the year was above normal in March, April, May and June at all stations, and in October when many estates recorded 7 inches of rain on October 28th, and again in November when 5 inches and 7 inches of rain fell on the 12th and 27th respectively.

Temperature.—Temperature records at Reunion Experiment Station show a Mean Noon temperature of 85.7° in the shade, the maximum temperature being 96°, the minimum temperature was 65°, giving a range of 31°.

Weather.—The weather generally was wet, with high temperatures in July, August and September: thunderstorms were frequent in November, and a gale occurred on October 28th with thunderstorms and heavy rains, causing floods in low-lying areas.

ERNEST A. WALTERS,
Agricultural Superintendent.

Section 29.

ST. LUCIA.

METEOROLOGICAL OBSERVATIONS.1928.

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	..	60°
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION CASTRIES, ST. LUCIA. B.W.I. 1928

Longitude = 60° 59' 49" W. Latitude = 14° 0' 36" N. H = 10 ft.

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour				Relative Humidity.			
		7	12	5	Mean.	Means of		Absolute Max. and Min.				7	1	9	Mean.	7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max	Date.	Min.	Date.								
January ...		75.1	83.1	79.7	79.3			87	2nd	63	6th								
February ...		75.7	83.2	80.8	79.9			89	26th	68	13th								
March ...		74.8	82.8	80.4	79.3			88	21st	68	9th								
April ...		76.1	83.7	80.8	80.3			89	6th	68	2nd								
May ...		78.6	85.8	82.3	82.2			90	25th	70	4th								
June ...		79.2	85.1	81.9	82.0			90	1st	69	28th								
July ...		79.2	85.4	82.2	82.3			89	18th	68	5th								
August ...		79.1	85.6	82.1	82.3			90	3rd	72	31st								
September...		78.7	86.3	82.5	82.5			92	11th	71	1st								
October ...		78.0	84.1	81.4	81.3			89	1st	68	18th								
November...		78.1	84.4	81.6	81.6			89	2nd	68	3rd								
December ...		77.6	83.3	80.9	80.6			88	1st	68	28th								
Year ...		77.5	84.4	81.4	81.2			92	11th Sept.	63	6th Jan.								

Ther. ht.—3 ft. 0 ins. Rain gauge hr.—1 ft. 0 ins. STATION CASTRIES.

Months.	Amount of Cloud.				Rainfall (inches)			Weather. No. of Days of						Wind. No. of Observations of								
	7 A.M.	1 Noon	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January ...					6.50	0.83	16th	26					0	0	0	24	58	0	0	0	0	11
February ...					4.94	1.45	1st	20					0	0	0	23	56	0	0	0	0	8
March ...					5.16	0.69	2nd	26					0	0	0	69	12	0	0	0	0	12
April ...					5.01	0.85	14th	28					0	0	1	75	7	0	0	0	0	7
May ...					2.35	0.75	15th	15					0	0	0	83	9	0	0	0	0	1
June ...					6.25	0.95	27th	26					2	0	3	34	47	0	1	1	0	4
July ...					12.03	2.65	17th	26					1	0	1	29	53	0	2	0	0	8
August ...					13.14	3.96	7th	23					0	0	1	40	24	0	0	0	0	28
September ...					11.95	3.37	12th	25					2	0	3	33	21	0	2	2	0	29
October ...					18.06	3.45	9th	21					0	0	0	42	11	0	0	0	0	40
November ...					14.96	2.86	10th	25					0	0	0	46	8	0	0	0	0	36
December ...					5.96	1.69	17th	22					0	0	0	73	6	0	0	0	0	14
					106.25	3.96	7th Aug.	283					5	0	9	571	312	0	5	3	0	198

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1928.

SAINT LUCIA. B.W.I.

Rainfall.—The total rainfall recorded at the Botanic Gardens, Castries, for the year 1928 was 106.25 inches. This was 16.32 inches above the average for the last 38 years (=89.93 inches) and was the highest rainfall recorded since the year 1916. Maximum precipitation occurred on August 7th, with a rainfall of 3.96 inches.

The distribution of rainfall throughout the year was generally above normal, particularly during July, August, September, October and November, when many stations recorded above 10 inches precipitation for each month.

Temperature.—Temperature records at the Botanic Gardens, Castries, show a Mean Noon temperature of 84.4° in the shade; the maximum temperature was 92° the minimum temperature was 63°, the temperature range being 29°.

Weather.—The weather generally was wet and cool, no high temperatures occurring, with but one exception: this took place on the 11th September, when a hurricane of severe intensity and wide range formed North-East of St. Lucia and passed in a northerly direction during 12th September, little damage being occasioned. The temperature range during the 24 hour period was 19° (Maximum 92°, Minimum 73°). The rainfall recorded was 4.80 inches in 24 hours.

E. A. WALTERS,
Agricultural Superintendent.

ST. LUCIA

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Section 29.

METEOROLOGICAL OBSERVATIONS.

1929.

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	60°
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION CASTRIES, ST. LUCIA. B.W.I.

Longitude = 60° 59' 49" W. Latitude = 14° 0' 36" N. H = 10 ft.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour				Relative Humidity.					
		7	12	5	Mean.	Means of		Absolute Max. and Min.				7	1	9	Mean.	7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max	Date.	Min.	Date.								
January ...		77.7	82.7	79.2	79.8			86	3rd	66	1st								
February ...		75.0	82.2	79.6	78.3			86	6th	67	2nd								
March ...		77.1	85.8	80.9	81.2			87	12th	65	7th								
April ...		77.5	84.7	82.4	81.5			89	24th	68	3rd								
May ...		78.6	85.1	81.5	81.7			89	3rd	74	1st								
June ...		78.3	85.2	83.9	82.5			89	5th	74	3rd								
July ...		78.5	83.2	83.2	81.6			89	11th	74	17th								
August ...		77.9	85.5	80.8	81.4			92	2nd	74	1st								
September...		78.7	85.8	81.6	82.0			89	8th	74	1st								
October ...		78.7	86.0	81.2	81.9			89	2nd	74	6th								
November...		78.5	84.9	80.9	81.4			89	13th	74	30th								
December ...		78.2	85.3	80.7	81.4			88	1st	73	26th								
Year ...		77.9	84.7	81.3	81.3			92	2nd Aug.	65	7th Mar.								

Ther. *ht* = 3 ft. 0 ins. Raingauge *hr* = 1 ft. 0 ins. STATION CASTRIES.

Months.	Amount of Cloud.				Rainfall. (inches)			Weather. No. of Days of						Wind. No. of Observations of									
	7 A.M.	1 NOON	5 P.M.	Mean	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January ...					3.02	0.55	11th	19						0	0	1	54	27	0	0	0	0	11
February ...					3.06	0.53	10th	17						0	0	0	52	30	0	0	0	0	2
March ...					2.22	0.52	21st	16						0	0	0	66	23	0	0	0	0	4
April ...					0.91	0.24	8th	7						0	0	10	66	12	0	0	0	0	2
May ...					4.05	0.75	9th	21						0	0	2	69	20	0	0	0	0	2
June ...					8.88	1.25	19th	24						0	0	0	60	28	0	0	0	0	2
July ...					10.10	2.03	13th	21						0	0	0	75	16	0	0	0	0	2
August ...					20.63	2.89	19th	27						0	0	1	52	19	0	0	0	0	20
September ...					9.73	1.59	1st	26						0	0	0	41	20	0	0	0	0	29
October ...					13.49	4.85	5th	21						0	0	0	56	20	0	0	0	0	17
November ...					20.62	3.25	14th	25						0	0	0	56	12	0	0	0	0	20
December ...					5.33	0.53	1st	27						0	0	5	63	18	0	0	0	0	7
Year ...					102.04	4.85	5th Oct.	251						0	0	19	710	245	0	0	0	0	118

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1929.

SAINT LUCIA, B.W.I.

Rainfall.—The total rainfall recorded at the Botanic Gardens, Castries, for the year 1929 was 102.04 inches. This was 11.79 inches above the average for the last 39 years (=90.25 inches). Maximum precipitation occurred on October 5th, when 4.85 inches of rain fell at Castries. In the wetter parts of the Colony however the rainfall ranged from 6 inches to 13.5 inches on this date.

The distribution of rainfall throughout the year was well marked, a partial drought occurring during the normal dry season, the period of mid-February to the beginning of May. The wet season beginning in July was marked by heavy rainfall which continued throughout September, October and November, most stations recording above 12 inches rain for each month.

Temperature.—Temperature records at the Botanic Gardens, Castries, show a Mean Noon temperature of 84.7° in the shade. The maximum temperature was 92°, the minimum temperature was 65°, a temperature range of 27°; air temperatures generally were lower.

Weather.—The weather generally was fair and cool, with few storms. A heavy rain and thunderstorm on the night of October 5th resulted in floods on several estates.

Light earth shocks were fairly frequent during the year.

E. A. WALTERS,
Agricultural Superintendent.

Section 29.

METEOROLOGICAL OBSERVATIONS.**1930.**

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	60°
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION CASTRIES, ST. LUCIA. B.W.I. 1930

Longitude = 60° 59' 49" W. Latitude = 14° 0' 36" N. H = 10 ft.

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour				Relative Humidity.			
		7	12	5	Mean.	Means of		Absolute Max. and Min.				7	1	9	Mean.	7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max.	Date.	Min.	Date.								
January ...		78.2	85.2	80.5	81.3			88	4th	74	30th								
February ...		78.6	85.2	80.4	81.4			88	7th	74	1st								
March ...		78.1	85.2	79.7	81.0			89	20th	74	1st								
April ...		78.0	84.9	80.1	81.0			89	29th	74	1st								
May ...		78.3	86.1	79.9	81.4			89	1st	73	14th								
June ...		78.1	86.0	80.3	81.4			89	1st	74	7th								
July ...		78.3	82.9	80.9	80.6			90	2nd	73	25th								
August ...		78.3	86.7	80.2	81.4			90	13th	74	10th								
September...		78.4	86.8	80.3	81.8			91	14th	70	7th								
October ...		78.3	86.3	79.3	81.3			91	2nd	69	1st								
November...		78.5	85.6	79.3	81.1			91	14th	71	23rd								
December ...		78.0	85.6	80.2	81.2			90	1st	74	3rd								
Year ...		78.2	85.5	80.1	81.2			91	2nd Sept.	69	1st Oct.								

Ther. *ht.*—3 ft. 0 ins. Raingauge *hr.*—1 ft. 0 ins. STATION CASTRIES.

Months.	Amount of Cloud.				Rainfall. (inches)			Weather. No. of Days of							Wind. No. of Observations of									
	7 A.M.	1 NOON	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January ...					9.05	1.89	24th	21					0	0	1	47	29	0	0	0	0	16		
February ...					3.53	0.94	20th	13					0	0	0	67	11	0	0	0	0	8		
March ...					1.35	0.63	27th	4					0	0	0	67	19	0	0	0	0	7		
April ...					4.40	1.02	15th	16					0	0	0	63	27	0	0	0	0	0		
May ...					3.85	1.46	14th	11					0	0	0	61	26	0	0	0	0	7		
June ...					6.21	1.15	8th	19					0	0	0	42	35	0	0	0	0	13		
July ...					9.01	2.29	25th	20					0	0	0	65	22	0	0	0	0	6		
August ...					6.29	1.08	10th	14					0	0	0	72	13	0	0	0	0	8		
September ...					4.14	1.25	4th	7					0	0	0	71	8	0	0	2	0	10		
October ...					6.51	1.46	6th	12					0	0	0	86	4	0	0	0	0	3		
November ...					8.09	1.83	14th	20					0	0	0	66	3	0	0	1	0	20		
December ...					6.44	0.85	23rd	20					0	0	0	83	0	0	0	0	0	10		
Year ...					68.87	22.9	25th July	177					0	0	1	790	197	0	0	3	0	108		

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1930.

SAINT LUCIA, B.W.I.

Rainfall.—The total rainfall recorded at the Botanic Gardens, Castries, for the year 1930 was 68.87 inches. This was 20.84 inches below the average for the last 40 years (=89.71 inches). Maximum precipitation occurred on 25th July, when 2.29 inches of rain fell at Castries. In the wetter parts of the Colony however the rainfall ranged from 1.70 inches to 5.04 inches on this date.

The distribution of rainfall throughout the year was below normal, low precipitation occurring during the usual wet season beginning in June, and being continued up to the end of the year. No severe drought occurred owing to moderate showers continued throughout the dry season.

Temperature.—Temperature records at the Botanic Gardens, Castries, show a Mean Noon temperature of 85.5° in the shade. The maximum temperature was 91°, the minimum temperature was 69°, a temperature range of 22°; air temperatures generally were higher.

Weather.—The weather generally was fine and warm, with few storms.

E. A. WALTERS,
Agricultural Superintendent.

METEOROLOGICAL OBSERVATIONS.

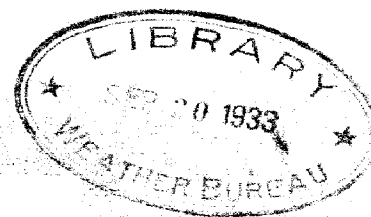
1931.

Meridian of longitude adopted for calculation of time
adopted as standard in the Colony ...

60°

Hours slow of Greenwich mean time ...

4 hrs.



STATION CASTRIES, ST. LUCIA. B.W.I.

Longitude = 60° 59' 49" W. Latitude = 14° 0' 36" N. H = 10 ft.

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour				Relative Humidity.			
		7	12	5	Mean.	Means of		Absolute Max. and Min.				7	1	9	Mean.	7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max.	Date.	Min.	Date.					a.m.	noon	p.m.	
January ...		78.0	85.7	78.9	80.8			89	3rd	72	1st					85	60	80	
February ...		78.0	85.1	78.3	80.4			89	6th	74	5th					84	60	83	
March ...		79.0	86.6	80.4	82.0			91	16th	74	2nd					84	58	80	
April ...		78.7	86.6	80.1	81.8			91	1st	74	1st					84	59	80	
May ...		78.0	87.6	79.0	81.5			91	1st	74	4th					80	55	80	
June ...		78.7	84.6	78.7	80.6			89	2nd	73	6th					84	62	85	
July ...		77.8	85.3	79.3	80.8			89	1st	68	28th					84	61	80	
August ...		78.8	84.8	78.9	80.5			89	20th	68	2nd					88	61	80	
September...		78.5	84.5	78.6	80.5			91	20th	68	8th					82	61	80	
October ...		78.0	84.3	78.5	80.2			89	12th	68	8th					84	60	84	
November ...		78.0	84.4	78.0	80.1			89	18th	66	21st					83	64	84	
December ...		78.0	84.8	78.0	80.3			89	28th	65	2nd					84	61	84	
		78.3	85.3	78.9	80.8			91	16th Feb.	65	2nd Dec.					84	60	82	

Ther. *ht.*—3 ft. 0 ins. Raingauge *hr.*—1 ft. 0 ins. STATION CASTRIES.

Months.	Amount of Cloud.				Rainfall (inches)			Weather. No. of Days of							Wind. No. of Observations of									
	7 A.M.	1 NOON	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January ...					5.40	1.16	5th	12						0	0	0	85	3	0	0	0	0	5	
February ...					1.74	0.85	7th	6						0	0	0	70	5	0	3	5	0	1	
March ...					1.40	0.45	6th	5						0	0	0	87	6	0	0	0	0	0	
April ...					3.07	0.42	5th	14						0	0	0	76	12	0	0	0	0	2	
May ...					3.48	0.94	24th	13						0	0	0	89	1	0	0	0	0	3	
June ...					8.30	1.35	29th	23						0	0	0	79	7	0	0	0	0	4	
July ...					18.06	3.38	5th	23						0	0	0	74	10	0	0	0	0	9	
August ...					11.05	1.53	10th	22						0	0	0	63	17	0	1	1	0	11	
September ...					11.88	1.55	14th	21						0	0	0	66	10	0	0	0	0	14	
October ...					19.45	2.98	24th	19						0	0	0	64	12	0	0	0	0	17	
November ...					13.44	3.35	21st	27						0	0	0	70	9	0	0	0	0	11	
December ...					3.81	0.45	14th	20						0	0	0	68	19	0	0	0	0	6	
Year ...					101.08	3.38	5th July	205						0	0	0	891	111	0	4	6	0	83	

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1931.

SAINT LUCIA, B.W.I.

Rainfall: The rainfall recorded at the Botanic Gardens, Castries, for the year 1931 was 101.08". This was 23.21" above that for the previous year, which was a definitely dry one, and 10.60 above the average rainfall for the last 42 years, the average being 90.48". Maximum precipitation for Castries occurred on July 5th when 3.38" fell.

Maximum precipitation registered for the Colony was 5.62 on October 10th; in this month heavy rain fell generally throughout the Colony, and also in September and November when some floods occurred. The distribution of rainfall throughout the Colony was favourable to most crops, with the exception of cacao estates in the uplands where wet conditions favoured the development of cacao pod diseases. The distribution throughout the year, shown by 39 recording stations, was sharply marked by subnormal rainfall from January to June and excess rainfall from July until December.

Temperature: Temperature records at the Botanic Gardens, Castries, show a mean noon temperature of 85.3° in the shade. The maximum temperature was 91°; the minimum temperature was 65° a temperature range of 26°. Day and night temperatures were generally higher during the dry season—January to June—and lower during the marked wet season—July to December.

Weather: The weather generally was fine, with few storms.

E. A. WALTERS,
Agricultural Superintendent.

SAINT LUCIA.

Section 29.

METEOROLOGICAL OBSERVATIONS.

1932.

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	60°
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION CASTRIES, ST. LUCIA. B.W.I.

Longitude=60° 59' 49" W. Latitude=14° 0' 36" N. Height above mean sea level=10 ft.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour				Relative Humidity % (Glaisher's factor).			
		7	12	5	Mean.	Means of		Absolute Max. and Min.						7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max.	Date.	Min.	Date.			a.m.	noon	p.m.	
January ...		77.2	84.2	79.2	80.2			89	1st	66	25th			86	63	76	
February ...		72.6	82.6	79.0	78.1			86	1st	62	15th			89	64	81	
March ...		76.5	82.9	78.3	79.2			89	15th	62	12th			80	59	77	
April ...		77.3	85.6	78.9	80.6			91	23rd	63	28th			87	62	77	
May ...		78.3	86.8	79.1	83.4			92	18th	60	2nd			83	61	80	
June ...		78.6	85.3	78.7	80.9			91	3rd	69	27th			83	66	81	
July ...		78.1	86.3	79.1	81.2			91	16th	65	23rd			84	61	80	
August ...		79.1	87.0	79.5	81.9			91	24th	69	29th			80	62	77	
September...		78.5	87.5	79.5	81.8			92	23rd	79	22nd			82	61	80	
October ...		77.6	85.4	78.9	80.6			92	24th	67	13th			88	67	84	
November ...		76.7	84.3	78.1	79.7			92	1st	64	26th			89	87	83	
December ...		73.6	83.9	78.4	78.6			87	7th	60	28th			91	63	85	
		77.0	85.2	78.9	80.5			92	1st Nov.	60	28th Dec.			87	65	80	

ht.—3 ft. 0 ins. hr.—1 ft. 0 ins. STATION, CASTRIES.

Months.	Amount of Cloud.				Rainfall (inches)			Weather. No. of Days of.						Wind. No. of Observations of (at 7 a.m., 12 noon & 5 p.m.)										
	7 A.M.	1 NOON	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January ...					3.43	0.67	26th	17					0	0	0	43	36	0	3	5	0	6		
February ...					2.83	0.37	27th	15					0	0	0	62	12	0	0	0	0	13		
March ...					4.71	1.49	1st	17					0	0	0	87	6	0	0	0	0	0		
April ...					4.27	0.87	27th	19					0	0	0	78	5	0	0	0	0	7		
May ...					8.01	1.63	2nd	18					0	0	0	70	17	0	0	0	0	6		
June ...					12.64	2.64	16th	25					0	0	0	83	5	0	0	0	0	2		
July ...					8.70	0.98	21st	26					0	0	0	78	6	0	0	0	0	9		
August ...					5.73	1.42	29th	21					0	0	0	70	10	0	0	1	0	12		
September ...					8.30	2.36	11th	20					0	0	0	60	6	0	0	7	0	17		
October ...					11.92	2.65	2nd	20					0	0	0	56	3	0	0	0	0	34		
November ...					25.16	3.27	18th	26					0	0	0	49	9	0	0	0	0	32		
December ...					7.47	1.77	3rd	20					0	0	0	77	6	0	0	0	0	10		
Year ...					103.17	3.27	18th Nov.	244					0	0	0	813	121	0	3	13	0	148		

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1932,

SAINT LUCIA, B.W.I.

Rainfall: The rainfall recorded at the Botanic Gardens, Castries, for the year 1932 was 103.17". This was 2.09" above that for the previous year, which was severely wet, and 12.28" above the average rainfall for 43 years (1890—1932), the average now being 90.89" per annum. Maximum precipitation for Castries occurred on November 18th when 3.27" fell. Maximum precipitation registered for the Colony was 5.20 on the same date, when heavy rains fell throughout the Colony, the heaviest fall being in the driest district. The rainfall generally was severe and not well distributed, particularly in June and November which were unusually wet months; a dry period occurred unexpectedly in August and was responsible for some loss of newly planted crops. Conversely this was of considerable benefit to the young pods in the cacao crop then forming. The distribution of rain throughout the Colony was also unusual, the drier areas receiving as much as some wet districts.

Temperature: Temperature records at the Botanic Gardens, Castries, show a mean noon temperature of 85.2° in the shade. The maximum temperature was 92°; the minimum temperature was 60° an exceptionally high range of 32°. Day and night temperatures were generally lower than usual during the true dry season February to May, and again in November to December. The relative humidity was higher than usual, particularly in November, when hurricane conditions were forming.

Weather: The weather generally was wet and cool, with few storms. The hurricanes of June (Porto Rico) and November (Jamaica and Cuba) were not felt in the Colony.

Stations: The number of stations recording during the year was 38. The Agricultural Superintendent desires to thank recorders for their co-operation and to emphasise the importance of an accurate daily record as the only means of obtaining definite information on weather conditions as governing agriculture.

E. A. WALTERS,
Agricultural Superintendent.

SAINT LUCIA.

Section 29.

METEOROLOGICAL OBSERVATIONS.

1933.

Meridian of longitude adopted for calculation of time
adopted as standard in the Colony ...

60°

Hours slow of Greenwich mean time ...

4 hrs.

STATION CASTRIES, ST. LUCIA. B.W.I.

Longitude 60° 59' 49" W. Latitude=14° 0' 36" N. Height above mean sea level=10 ft.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour				Relative Humidity e/o (Glaisher's factor).					
		7	12	5	Mean.	Means of		Absolute Max. and Min.								7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max.	Date.	Min.	Date.					a.m.	noon	p.m.	
January ...		76.0	83.3	79.0	79.4			87	7th	64	19th					89	65	84	
February ...		74.5	82.1	79.2	78.6			88	1st	63	3rd					88	63	78	
March ...		76.2	83.7	79.4	79.7			87	31st	67	9th					84	62	78	
April ...		78.1	85.3	80.6	81.3			89	25th	68	19th					81	58	76	
May ...		79.1	85.9	80.1	81.7			90	28th	72	1st					80	61	76	
June ...		80.0	84.8	81.4	82.0			90	14th	70	15th					77	68	76	
July ...		80.6	82.1	83.2	81.9			92	29th	71	1st					79	74	73	
August ...		77.8	84.2	81.0	81.0			92	30th	70	5th					84	65	75	
September...		78.2	84.9	80.6	81.2			92	5th	71	1st					88	72	75	
October ...		77.0	83.8	80.5	80.4			90	8th	69	31st					93	74	78	
November...		75.5	82.5	78.9	78.9			88	19th	70	1st					94	77	83	
December ...		74.5	81.2	78.1	77.9			88	17th	69	8th					88	72	80	
		77.3	83.7	80.1	80.3			92	29th July	63	3rd Feb.					85	68	79	

ht.—3 ft. 0 ins. hr.—1 ft. 0 ins. STATION, CASTRIES.

Months	Amount of Cloud.				Rainfall. (inches).			Weather. No. of Days of.							Wind. No. of Observations of (at 7 a.m., 12 noon & 5 p.m.)									
	7 A.M.	1 P.M.	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January ...					5.29	1.52	15th	16					0	0	0	75	8	0	0	0	0	10		
February ...					3.12	0.82	15th	11					0	0	0	54	21	0	0	0	0	9		
March ...					4.20	2.25	17th	14					0	0	0	74	11	0	0	0	0	8		
April ...					5.48	4.00	11th	10					0	0	0	71	2	0	0	0	0	17		
May ...					9.80	2.85	10th	16					0	0	0	71	3	0	0	0	0	19		
June ...					11.68	3.30	28th	24					0	0	0	79	1	0	0	0	0	10		
July ...					11.17	1.25	4th	25					0	3	2	58	2	0	1	2	0	25		
August ...					15.19	3.69	16th	20					0	5	0	48	0	1	0	2	0	37		
September ...					16.23	2.47	25th	25					0	0	0	38	0	0	3	15	0	34		
October ...					15.01	2.94	20th	16					0	1	1	61	0	4	0	3	0	23		
November ...					21.30	3.50	7th	30					0	9	2	51	1	7	0	4	0	16		
December ...					3.36	0.57	14th	26					0	11	0	59	0	11	0	3	0	9		
Year ...					121.83	4.00	11th April	233					0	29	5	739	49	23	4	29	0	217		

ht.—Height of Therm. above the ground in feet.
hr.—Height of the rain-gauge above the ground in feet.

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1933.

SAINT LUCIA, B.W.I.

Rainfall: The rainfall recorded at the Botanic Gardens, Castries, for the year 1933 was 121.83" and is the highest on record within recent years. This was 18.66" above that for the previous year which was also severely wet, and 30.36" above the average rainfall for 44 years (1890—1933) the average now being 91.47" per annum. Maximum precipitation for Castries occurred on April 11th when 4.00" rain fell, and on August 16th—3.69" and again November 7th when 3.50" fell in Castries, on this occasion a fall of 4 inches in 4 hours being recorded. Maximum precipitation in the Colony was 8.50" on November 7th when severe floods occurred in most of the river valleys, and caused loss of cane-crops, and some orchard trees. Land slips were frequent during the wet season and resulted in distress to peasantry through loss of provisions. The new roads in wet areas suffered from subsidence. The distribution of rainfall throughout the Colony was generally in excess, and no well-defined dry season occurred.

Temperature: Temperature records at the Botanic Gardens, Castries, show a mean noon temperature of 83.7° in the shade. The maximum temperature was 92°; the minimum 63°, a range of 29°. Day and night temperatures generally were somewhat lower than usual. The relative humidity was higher than usual during the month of August and November when hurricane conditions were forming in the Western Caribbean.

Weather: The weather generally was very wet. No hurricanes were felt in the Colony apart from the heavy sea swell.

Stations: The number of rainfall stations recording during the year was 34.

E. A. WALTERS,
Agricultural Superintendent.

SAINT LUCIA.

Section 29.

METEOROLOGICAL OBSERVATIONS.

1934.

Meridian of longitude adopted for calculation of time
adopted as standard in the Colony ...

60°

Hours slow of Greenwich mean time ...

4 hrs.

STATION CASTRIES, ST. LUCIA, B.W.I.

Longitude = 60° 59' 49" W. Latitude = 14° 0' 36" N. Height above mean sea level = 10 ft.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour				Relative Humidity % (Regnault's factor)			
		7	12	5	Mean.	Means of		Absolute Max. and Min.						7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max.	Date.	Min.	Date.			a.m.	noon	p.m.	
January ...		73.0	80.1	76.3	76.4			87	1st	68	26th			90	72	81	80.9
February ...		71.7	81.1	75.6	76.1			86	20th	67	20th			88	68	82	79.7
March ...		69.9	83.0	76.7	76.5			86	1st	64	4th			92	66	82	80.3
April ...		74.5	82.5	79.0	78.6			88	14th	69	1st			85	68	82	78.6
May ...		76.8	84.3	80.9	80.7			89	27th	68	4th			88	67	77	77.4
June ...		78.1	85.5	79.7	81.1			90	21st	70	5th			86	68	76	76.5
July ...		78.2	84.6	82.2	81.6			90	29th	72	3rd			89	74	77	79.8
August ...		78.2	85.2	81.3	81.5			90	18th	73	2nd			87	72	82	80.6
September...		77.0	83.6	80.0	80.2			90	29th	72	30th			92	77	85	84.8
October ...		76.6	84.4	79.0	80.0			90	6th	72	1st			91	71	88	83.1
November...		75.3	83.5	78.2	79.0			90	8th	72	6th			87	71	83	82.9
December ...		72.8	78.2	76.6	75.8			89	2nd	65	29th			92	81	85	86.3
		75.2	83.0	78.8	78.9			90	21st June	64	4th Mch.			89	71	82	80.9

ht.—3 ft. 0 ins. hr.—1 ft. 0 ins. STATION, CASTRIES.

Months	Amount of Cloud.				Rainfall. (inches)			Weather. No. of Days of.							Wind. No. of Observations of (at 7 a.m., 12 noon & 5 p.m.)											
	7 A.M.	12 Noon	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.				
January					5.09	0.94	16th	24					0	6	0	71	0	3	0	5	0	8				
February					2.45	0.56	1st	14					0	6	0	55	0	3	0	14	0	6				
March					2.70	0.30	6th	16					0	2	0	82	0	1	0	1	0	7				
April					1.53	0.37	23rd	12					0	6	6	52	3	6	2	8	2	5				
May					2.76	0.39	18th	21					0	10	8	31	7	11	5	13	5	3				
June					4.76	1.03	30th	20					0	14	3	44	4	8	3	10	2	2				
July					6.01	1.75	4th	25					0	7	5	41	8	9	3	6	2	12				
August					8.39	1.70	21st	28					0	8	2	58	6	3	1	9	1	5				
September					9.93	1.96	6th	28					0	16	0	47	0	8	0	17	0	2				
October					5.83	1.35	1st	26					0	5	0	65	0	12	1	7	0	3				
November					7.26	2.24	30th	22					0	5	0	70	0	11	0	2	0	2				
December					9.64	2.09	4th	27					0	7	0	69	0	7	0	8	0	2				
Year					66.35	2.24	30th Nov.	263					0	92	24	685	28	82	15	100	12	57				

ht.—Height of Therm. above the ground in feet.
hr.—Height of the rain-gauge above the ground in feet.

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1934. SAINT LUCIA, B.W.I.

Rainfall: The total rainfall recorded at the Botanic Gardens, Castries, for the year 1934 was 66.35" and is the lowest rainfall on record (45 years) in contradistinction to that for the previous year which was the highest on record being approximately twice the amount now recorded. This was also 23.54" below the average rainfall for 45 years (1890—1934) the average now being 90.90" per annum. Maximum precipitation for Castries occurred on November 30th when a relatively low fall of 2.24" was recorded and 4.02" rainfall was recorded on the same date as the highest maximum precipitation for the Colony. No exceptional rain-storms occurred throughout the rainy season. The hurricane season was also bare of incident and as usual over a long period of years, the periodical revolving storms had no serious local effect.

Weather: Dry and fine weather was the general meteorological feature, but the distribution of rains throughout the year was so well averaged that no general drought occurred. Slight losses were noticeable in the canefields due to failed plants and this was somewhat severe in the exposed southern canefields. Planting operations continued more or less generally throughout the year.

Temperature: As a result of constant prevailing winds with frequent Northerly and Westerly breezes and less cloud, radiation was increased and temperatures were lower, providing a welcome change of climate from that of recent wet years. The mean noon shade temperature was 83° F, the maximum temperature was 90°, the minimum temperature 64°, a reduced range of 26°.

Stations: The number of rainfall stations recording during the year was 36.

E. A. WALTERS,
Agricultural Superintendent.

SAINT LUCIA.

Section 29.

METEOROLOGICAL OBSERVATIONS.

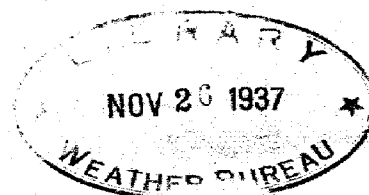
1935.

Meridian of longitude adopted for calculation of time
adopted as standard in the Colony

60°

Hours slow of Greenwich mean time

4 hrs.



STATION, CASTRIES, ST. LUCIA. B.W.I.

Longitude=60° 59' 49" W. Latitude=14° 0' 36" N. Height above mean sea level=10 ft

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour				Relative Humidity % (Regnault's factor)			
		7	12	5	Mean.	Means of		Absolute Max. and Min.						7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max.	Date.	Min.	Date.			a.m.	noon	p.m.	
January ...		70.4	77.9	76.1	74.8			89	11th	64	27th			92	79	84	85.2
February ...		71.9	81.0	77.0	76.6			86	1st	65	7th			88	72	85	81.6
March ...		73.9	82.0	78.5	78.1			88	27th	64	21st			85	69	76	76.6
April ...		75.1	83.7	80.9	79.9			90	16th	67	18th			86	67	74	75.8
May ...		77.3	84.8	81.5	81.2			90	1st	70	1st			85	70	77	77.4
June ...		78.2	85.3	82.6	82.0			90	4th	65	28th			88	71	78	79.1
July ...		78.4	84.3	81.5	81.4			91	22nd	69	6th			90	78	77	81.2
August ...		75.8	83.0	81.0	79.9			89	11th	67	17th			93	74	78	81.5
September...		75.8	82.8	80.5	79.7			89	7th	64	27th			92	73	78	80.7
October ...		74.4	82.8	78.5	78.6			89	3rd	62	15th			94	72	82	82.8
November...		73.6	81.5	77.7	77.6			86	2nd	67	13th			95	75	83	84.1
December ...		72.5	80.4	77.2	76.7			86	1st	66	20th			91	71	80	80.5
Year ...		74.8	82.5	79.4	78.9			91	22nd Julv	62	15th Otc.			90	73	79	80.5

ht.=3 ft. 0 ins.

hr.=1 ft. 0 ins.

STATION, CASTRIES.

Months	Amount of Cloud.				Rainfall (inches)			Weather. No. of Days of.							Wind. No. of Observations of (at 7 a.m., 12 noon & 5 p.m.)										
	7 A.M.	12 Noon	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.			
January ...					7.35	1.90	4th	21					0	2	0	72	0	6	0	7	0	6			
February ...					1.14	0.25	27th	14					0	3	0	69	1	2	0	5	0	4			
March ...					2.31	0.41	19th	15					0	1	4	80	2	1	0	4	0	1			
April ...					3.18	0.73	21st	10					0	1	3	72	7	4	1	2	0	0			
May ...					7.81	1.95	22nd	23					0	3	2	59	17	4	5	0	0	3			
June ...					5.44	0.67	2nd	19					0	1	0	57	17	11	1	1	0	2			
July ...					13.00	1.94	5th	23					0	0	2	48	33	9	0	0	0	1			
August ...					11.65	2.24	17th	25					0	0	6	56	22	2	1	2	0	4			
September ...					6.93	0.95	23rd	24					0	0	1	59	22	3	2	1	0	2			
October ...					9.31	2.00	31st	22					0	0	1	73	11	1	0	2	0	5			
November ...					6.46	1.36	22nd	20					0	0	1	70	7	3	0	3	0	6			
December ...					7.21	2.01	5th	16					0	1	2	69	12	1	4	2	0	2			
Year ...					81.79	2.24	17th Aug.	232					0	12	22	784	151	47	14	29	0	36			

ht.=Height of Therm. above the ground in feet.
hr.=Height of the rain gauge above the ground in feet.

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1935. SAINT LUCIA, B.W.I.

Rainfall: The total recorded at the Botanic Gardens, Castries, for the year 1935, was 81.79". This was 16.44" above that of the previous year, which was the lowest on record, and 8.93" below the average rainfall for 46 years (1890—1935) the average now being 90.74" per annum. Maximum precipitation for Castries occurred on August 17th when a relatively low fall of 2.24" was recorded, being the same maximum as for the previous year. The highest maximum precipitation for the Colony in general was 8.00" recorded on January 11th. Otherwise the distribution of rain was more generally normal than for the previous year.

Weather: Generally fine weather was experienced during the year with freedom from severe thunder storms. Some temporary flooding was experienced in the lowlying areas, particularly during the period 17th—22nd August coincident with the formation and movement of a Northern Atlantic hurricane which devastated certain parts of the Continental areas. This was not otherwise of serious note in the Colony. The southern extremity of the island still shewed effects of the drought of the previous year. Planting operations were more or less continuous.

Temperature: The mean noon shade temperature was 82.5° F., the maximum temperature was 91° F., and the minimum temperature was 62° F., an increased range of 29°. Temperatures were therefore lower than usual.

Stations: The number of rainfall stations recording during the year was 38.

E. A. WALTERS,
Agricultural Superintendent.

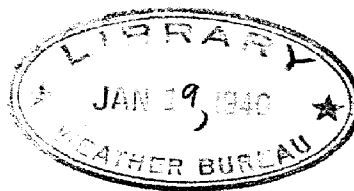
SAINT LUCIA.

Section 29.

METEOROLOGICAL OBSERVATIONS.

1936.

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	60°
Hours slow of Greenwich mean time	...	...	4 hrs.



STATION, CASTRIES, ST. LUCIA. B.W.I.

Longitude=60° 59' 49" W. Latitude=14° 0' 36" N. Height above mean sea level=10 ft.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour				Relative Humidity % (Regnault's factor)					
		7	12	5	Mean.	Means of		Absolute Max. and Min.								7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max	Date.	Min.	Date.					a.m.	noon	p.m.	
January ...		70.8	78.6	76.5	75.3			86	1st	63	23rd					91	70	74	
February ...		69.6	79.2	76.0	74.9			86	10th	61	18th					91	67	72	
March ...		70.0	79.9	78.1	76.0			89	1st	62	27th					92	66	70	
April ...		73.0	81.4	79.0	77.8			88	28th	65	27th					92	66	71	
May ...		74.0	83.2	80.5	79.2			90	19th	69	7th					93	66	74	
June ...		74.7	81.9	79.8	78.8			89	12th	64	9th					93	73	79	
July ...		75.4	81.5	79.3	78.7			89	26th	68	3rd					93	76	81	
August ...		76.0	83.7	80.7	80.1			91	3rd	68	11th					94	72	77	
September...		76.3	83.9	78.7	79.6			91	24th	70	28th					94	73	86	
October ...		74.8	82.9	78.8	78.8			89	17th	69	16th					95	73	83	
November...		75.0	81.8	78.1	78.3			89	29th	63	5th					93	75	82	
December ...		71.3	81.8	76.2	76.4			90	7th	62	10th					92	76	84	
Year ...		73.4	81.7	78.5	77.8			91	3rd. Aug. 24th Sept.	61	18th Feb.					93	71	78	

ht.—3 ft. 0 ins. hr.—1 ft. 0 ins. STATION, CASTRIES.

Months	Amount of Cloud.				Rainfall. (inches)			Weather. No. of Days of.						Wind. No. of Observations of (at 7 a.m., 12 noon & 5 p.m.)									
	7 A.M.	12 P.M.	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January ...					3.34	0.50	18th	18					0	0	0	61	20	8	1	1	0	2	
February ...					2.24	0.48	22nd	16					0	0	0	66	15	4	2	0	0	0	
March ...	}				0.15	0.05	23rd	4					0	1	0	81	6	2	2	0	0	1	
April ...					1.77	0.45	27th	15					0	0	0	72	12	3	1	2	0	0	
May ...					6.31	1.66	20th	22					0	0	0	71	12	7	1	0	0	2	
June ...					10.08	2.05	23rd	25					0	2	2	64	10	3	0	0	0	9	
July ...					12.88	2.00	3rd	30					0	0	4	75	5	2	4	1	0	2	
August ...					6.49	1.15	18th	24					0	0	0	88	0	0	0	0	0	5	
September ...					9.92	1.52	28th	25					0	0	0	90	0	0	0	0	0	0	
October ...					13.02	2.09	5th	25					0	0	0	84	5	0	0	0	0	4	
November ...					13.47	5.55	2nd	25					0	0	9	47	18	3	1	6	3	3	
December ...					10.82	5.30	28th	24					0	0	6	50	13	5	6	4	3	6	
Year ...					90.49	5.55	2nd Nov.	253					0	3	21	849	116	37	18	14	6	34	

ht.—Height of Therm. above the ground in feet.
hr.—Height of the raingauge above the ground in feet.

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1936. SAINT LUCIA, B.W.I.

Rainfall: The total recorded at the Botanic Gardens, Castries, for the year 1936, was 90.49". This was 8.70" above that of the previous year, and approximates to the average rainfall for 47 years (1890—1936) the average now being 90.78" per annum. Maximum precipitation for Castries occurred on November 2nd when a heavy fall of 5.55" was recorded, being the maximum for many years. The highest maximum precipitation for the Colony in general was 12.50" recorded on May 22nd. The distribution of rain was abnormal and irregular, coastal areas in several instances, receiving extremely heavy falls (4" in 4 hours) as compared with 1" at upland stations.

Weather: Some extremes of dry and wet weather were experienced during the year and there were several severe thunder storms. Serious flooding was experienced in the lowlying areas on November 2nd. The southern extremity of the Island showed effects of the drought in the period January to April when less than 5" of rain fell. Planting operations were rendered more difficult than usual.

Temperature: The mean noon shade temperature was 81.7° F., the maximum temperature was 91° F., and the minimum temperature was 61° F., an increased range of 30°. Temperatures were generally lower than usual, and except for the month of June and again in August when high humidity resulted in sultry conditions, there were persistent cooling winds giving a general effect of exhilaration.

Stations: The number of rainfall stations recording during the year was 36.

Section 29.

METEOROLOGICAL OBSERVATIONS.

1937.

Meridian of longitude adopted for calculation of time	...	...	60°
adopted as standard in the Colony	...	...	
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION, CASTRIES, ST. LUCIA, B.W.I. 1937

Longitude=60° 59' 49" W. Latitude=14° 0' 36" N. Height above mean sea level=10 ft.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour				Relative Humidity % (Regnault's factor)					
		7	12	5	Mean.	Means of		Absolute Max. and Min.								7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max	Date.	Min.	Date.					a.m.	noon	p.m.	
January	...	71.5	77.6	74.7	74.6			86	30th	64	7th					90	74	82	
February	...	70.1	78.6	74.8	74.5			85	4th	64	2nd					95	83	81	
March	...	71.8	79.9	77.2	76.3			85	1st	66	6th					99	70	73	
April	...	74.1	81.4	78.0	77.8			87	13th	66	3rd					99	63	74	
May	...	75.6	83.2	80.5	79.8			91	24th	68	30th					99	64	74	
June	...	76.8	81.8	79.7	79.4			88	10th	69	7th					82	71	74	
July	...	75.5	81.5	80.1	79.0			88	29th	70	1st					99	70	74	
August	...	75.3	84.2	81.2	80.2			90	24th	70	4th					99	68	74	
September	...	74.3	83.3	81.3	79.6			92	18th	71	2nd					99	71	74	
October	...	74.0	84.5	80.5	79.6			92	3rd	67	27th					100	68	79	
November	...	72.9	83.8	80.3	79.0			90	6th	69	18th					100	72	79	
December	...	72.0	81.8	78.4	77.4			89	7th	64	14th					100	71	78	
Year	...	73.7	81.8	78.9	78.1			92	Sept. 18 Oct. 3	64	Jan. 7 Feb. 2 Dec. 14					97	70	76	

ht.—3 ft. 0 ins.

hr.—1 ft. 0 ins.

STATION, CASTRIES.

Months	Amount of Cloud.				Rainfall (inches)			Weather. No. of Days of.							Wind. No. of Observations of (at 7 a.m., 12 noon & 5 p.m.)										
	7 A.M.	12 noon	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.			
January ...					7.96	2.50	22nd	31					0	2	14	44	17	2	1	7	4	2			
February ...					2.37	1.01	20th	20					0	1	4	45	18	4	5	4	0	3			
March ...					1.59	.27	5th	17					0	3	7	43	18	5	3	4	5	5			
April ...					1.61	.60	30th	12					0	4	8	49	12	3	5	1	3	5			
May ...					.97	.29	8th	8					0	1	9	62	15	0	4	0	0	2			
June ...					5.69	1.04	19th	18					0	0	1	71	16	0	0	0	0	2			
July ...					8.20	1.29	4th	26					0	0	1	66	9	0	0	1	0	16			
August ...					6.06	1.43	23rd	23					0	0	1	61	18	1	0	0	0	9			
September ...					5.48	1.32	22nd	17					0	0	2	50	13	2	0	4	2	17			
October ...					7.47	1.87	5th	16					0	0	1	69	11	3	3	0	0	6			
November ...					10.90	2.65	10th	25					0	0	6	62	10	0	2	0	0	10			
December ...					4.49	.69	27th	23					0	0	5	54	19	4	4	0	0	7			
Year ...					62.78	2.65	10th Nov.	236					0	11	62	676	176	24	27	21	14	84			

ht.—Height of Therm. above the ground in feet.
hr.—Height of the raingauge above the ground in feet.

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1937. SAINT LUCIA, B.W.I.

Rainfall: The total recorded at the Botanic Gardens, Castries, for the year 1937, was 27.71" below that of the previous year, and 27.36" below the average rainfall for 48 years (1890—1937), the average for the 48 year period now being 96.14" per annum. Maximum precipitation for Castries occurred on November 10th when a total of 2.65" was recorded. The highest maximum precipitation for the Colony in general was 4.25" recorded on January 22nd. Distribution of rainfall was again irregular, starting with a very wet January and then falling off to an extremely dry May; for the remainder of the year the monthly rainfall curve followed the average (48 years) curve fairly closely, though averaging some 3 inches less.

Weather: A year of abnormal weather conditions was experienced, the deficiency of rainfall making 1937 the driest year in record. Drought conditions were acute during the past six months, rendering planting operations difficult; the one beneficial effect of the dry year was the freedom from flooding usually experienced. There were comparatively few thunderstorms but high winds did some damage to crops during the latter months.

Temperature: The mean noon shade temperature was 81.8° F., the maximum temperature was 92° F., and the minimum temperature was 64° F., a decreased range of 28°. Temperatures were somewhat higher than 1936, the months of September, October and November being particularly warm. Humidity was slightly lower.

Stations: The number of rainfall stations recording during the year was 36.

c/hc 100
5145m

SAINT LUCIA.

Section 29.

METEOROLOGICAL OBSERVATIONS.

1938.

Meridian of longitude adopted for calculation of time adopted as standard in the Colony	...	...	60°
Hours slow of Greenwich mean time	...	...	4 hrs.

STATION, CASTRIES, ST. LUCIA. B.W.I.

Longitude=60° 59' 49" W. Latitude=14° 0' 36" N. Height above mean sea level=10 ft.

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour			Relative Humidity % (Regnault's factor)			
		7	12	5	Mean.	Means of		Absolute Max. and Min.							7	12	5	Mean.
		a.m.	noon	p.m.		Max.	Min.	Max.	Date.	Min.	Date.				a.m.	noon	p.m.	
January ...		70.2	78.5	75.7	74.8	81.8	69.5	87	2nd	74	26th				99	74	82	
February ...		69.2	78.8	75.4	74.5	80.5	68.5	86	2nd 21st	61	23rd				95	70	77	
March ...		78.7	79.2	89.6	82.5	83.4	69.2	87	24th	64	5th				86	70	77	
April ...		73.5	79.3	80.8	77.9	84.9	70.0	87	13th	67	15th 16th				86	70	74	
May ...		71.4	80.9	78.6	77.0	85.5	70.8	87	11th 16th 19th 20th 22nd 24th 25th 29th 30th	69	26th 31st				90	74	78	
June ...		74.0	80.8	78.8	77.9	85.4	70.3	87	1st 2nd 3rd 4th 6th 8th 9th 10th 11th 21st 24th 26th 27th	67	13th				93	75	80	
July ...		74.5	82.2	79.8	78.8	85.8	70.5	88	17th	69	2nd				93	74	79	
August ...		74.6	81.5	79.1	78.4	85.5	70.4	88	11th 22nd 25th 26th	68	9th 17th 28th				97	80	83	
September...		74.0	84.2	80.1	79.4	86.2	72.5	91	12th	70	10th				95	70	80	
October ...		73.5	83.8	80.4	79.2	86.2	72.5	90	5th 14th 21st	68	28th				95	69	79	
November ...		72.8	80.4	78.2	77.1	82.8	71.2	91	1st	68	5th 6th 16th 17th 18th 22nd				95	78	84	
December ...		71.4	81.0	77.7	76.7	84.0	70.9	89	25th	67	23rd				97	74	80	
Year ...		73.2	80.9	79.5	77.9	84.3	70.5	91	Sept. 12th Nov. 1st	61	Feb. 23rd				93	73	79	

ht.—3 ft. 0 ins. hr.—1 ft. 0 ins. STATION, CASTRIES.

Months	Amount of Cloud.				Rainfall. (inches)			Weather. No. of Days of.						Wind. No. of Observations of (at 7 a.m., 12 noon & 5 p.m.)									
	7 A.M.	12 noon	5 P.M.	Mean.	Total.	Max.	Date.	Rain.	Snow Hail.	Thunder Storms.	Clear sky.	Over cast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January ...					6.07	1.69	2nd	19						0	0	9	67	11	0	0	0	0	6
February ...					1.91	.35	11th	13						0	0	13	62	7	0	0	0	0	2
March ...					2.35	.58	6th	15						0	0	1	63	23	0	0	0	0	6
April ...					2.35	.73	18th	10						0	0	0	78	8	0	0	0	0	4
May ...					5.02	1.12	31st	20						0	0	0	81	8	0	0	0	0	4
June ...					12.90	2.23	12th	27						0	0	0	67	21	2	0	0	0	0
July ...					6.34	1.05	31st	22						0	2	1	43	43	4	0	0	0	0
August ...					15.18	2.31	27th	29						0	0	3	53	30	3	0	0	0	4
September ...					9.57	1.78	23rd	22						0	0	11	46	17	2	1	0	0	13
October ...					11.53	1.52	9th	23						0	1	9	55	9	1	5	0	1	12
November ...					43.07	5.42	10th	25						0	0	12	37	23	5	5	0	1	7
December ...					12.61	1.66	18th	25						0	0	12	44	20	6	1	0	1	9
Year ...					128.90	5.42	10th Nov.	250						0	3	71	696	220	23	12	0	3	67

ht.—Height of Therm. above the ground in feet.
hr.—Height of the rain gauge above the ground in feet.

MEMORANDUM ON METEOROLOGICAL CONDITIONS DURING THE YEAR 1938. SAINT LUCIA, B.W.I.

Rainfall: The total recorded at the Botanic Gardens, Castries, for the year 1938, was 66.12" above that of the previous year, and 37.97" above the average rainfall for 49 years (1890—1938), the average for the 49 year period now being 96.94" per annum. Maximum precipitation for Castries occurred on November 10th when a total of 5.42" was recorded. The highest maximum precipitation for the Colony in general was 9.61" recorded on November 10th at the Barre de L'Isle nursery. Distribution of rainfall was again erratic, although in comparison with the past 49 years' average, the early part of the year was more or less similar. June was higher by some 5 inches, July lower by 5 inches and August higher again by about 5 inches. Thereafter the rainfall followed the average fairly closely until November when it increased by some 35 inches. December was 5 inches higher. This was a record rainfall year registering 7.07 inches in excess of the next highest annual rainfall—that of 1933. It is of interesting contrast to 1937 which was the driest year on record.

Weather: Weather conditions were again abnormal culminating in unprecedented storms, floods and landslides during November with the tragic loss of many lives. Much damage and loss was experienced by flooding in the lowlying areas and by landslides and erosion at the higher elevations in all parts of the Colony, although the Southern part of the Island did not suffer to quite the same extent. Planting operations were seriously retarded.

Temperature: The mean noon shade temperature was 80.9° F., the maximum temperature was 91° F., and the minimum temperature was 61° F., an increased range of 30°. Temperatures corresponded fairly closely to those of last year, and September and October were very warm.

Stations: The number of rainfall stations recording during the year was 39.

10/10/100

Castries, St. Lucia, B.W.I. 61°00'W; 14°01'N; 10 feet above M.S.L.

Standard Time = G.M.T. - 4 hrs

MONTH	AIR TEMPERATURES (°F)										Relative Humidity (%)			RAINFALL (ins)				PREV WIND
	Means					Absolute		7 a.m.	12 noon	5 p.m.	Total	Max	Date	No of Days				
	7 a.m.	12 noon	5 p.m.	Max	Min	Mean	Max								Min			
January	71.5	78.7	76.0	83.6	70.1	76.9	86	67	93	73	80	5.36	1.69	30	20	E		
February	68.6	77.1	74.1	80.9	68.0	74.5	85	60	95	71	78	3.61	.72	21	17	E		
March	70.2	78.5	76.1	82.0	69.2	75.6	85	62	93	66	73	4.66	.50	11, 18	20	E		
April	72.6	79.8	77.3	83.2	70.2	76.7	86	68	88	67	74	5.14	1.21	9, 11	14	E		
May	74.0	81.9	79.2	85.2	71.7	78.5	88	68	90	64	72	4.04	1.47	23	13	E		
June	75.0	81.4	78.8	85.4	72.1	78.7	89	70	88	70	77	15.99	8.91	19	26	E		
July	75.2	82.2	80.0	85.7	72.5	79.1	88	71	88	69	74	5.05	.89	28	21	E		
August	75.1	83.7	81.5	87.1	73.5	80.3	89	71	88	66	71	6.58	1.46	15	21	SE		
September	74.9	83.7	81.0	87.1	72.8	79.9	90	70	90	67	73	7.41	.93	8	19	SE		
October	74.2	82.3	79.5	87.1	72.6	79.9	91	70	93	71	79	11.83	1.97	12	20	E		
November	73.3	82.3	79.1	86.7	72.2	79.5	90	70	95	70	80	11.32	3.22	28	19	SE		
December	72.8	82.3	78.3	86.5	71.6	79.1	89	69	95	70	80	4.51	.90	17	22	SE		
YEAR	73.1	81.2	78.4	85.0	71.4	78.2	91	60	91	69	76	85.50	8.91	..	23½	..		

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1940

Castries, St. Lucia, B.W.I. 61°00'W; 14°01'N; 10 feet above M.S.L.

Standard Time = G.M.T. - 4 hrs

MONTH	AIR TEMPERATURES (°F)										Relative Humidity (%)			RAINFALL (ins)				PREV WIND
	Means						Absolute		7 a.m.	12 noon	5 p.m.	Total	Max	Date	No of Days			
	7 a.m.	12 noon	5 p.m.	Max	Min	Mean	Max	Min										
January	70.7	82.7	79.0	86.4	70.2	78.3	89	65	95	64	70	1.76	.37	30	12	SE		
February	70.3	83.1	79.7	86.5	69.7	78.1	89	65	95	61	69	1.40	.43	4	9	SE		
March	73.4	80.4	78.1	84.6	70.4	77.5	87	67	89	68	74	4.90	1.20	5	15	SE		
April	74.3	83.0	79.9	86.1	71.6	78.9	88	69	88	63	70	1.28	.41	10	7	SE		
May	75.7	83.7	81.3	83.7	72.3	78.0	90	70	87	64	69	3.39	.47	21,26	17	SE		
June	76.1	83.2	80.5	86.4	72.8	79.6	89	71	86	66	73	7.36	.97	30	23	SE		
July	75.5	83.6	80.7	86.7	72.2	79.5	89	71	90	67	73	6.77	1.32	2	26	SE		
August	74.9	84.3	81.5	86.8	73.1	79.9	89	71	92	66	71	14.09	5.39	4	23	SE		
September	74.4	83.7	80.6	86.4	72.6	79.6	90	70	93	67	74	7.68	2.26	3	17	SE		
October	74.5	83.9	80.5	85.7	72.8	79.3	89	71	94	67	76	8.50	.95	21	27	SE		
November	73.3	82.2	78.6	85.9	72.2	79.1	89	71	95	70	80	11.94	3.01	5	25	SE		
December	72.4	80.2	77.3	84.7	71.1	77.9	88	68	94	71	78	3.31	.74	6	17	SE		
YEAR	73.6	82.0	79.6	85.6	71.8	78.8	90	65	92	66	73	72.38	5.39	..	218	..		

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1944

Castries, St. Lucia, B.W.I. 61°00'W; 14°01'N; 10 feet above M.S.L.

Standard Time = G.M.T. - 4 hrs

MONTH	AIR TEMPERATURES (°F)										Relative Humidity (%)			RAINFALL (ins)				PREV WIND
	Means							Absolute			7 a.m.	12 noon	5 p.m.	Total	Max	Date	No of Days	
	7 a.m.	12 noon	5 p.m.	Max	Min	Mean	Max	Min										
January	71.4	80.7	78.0	84.7	69.0	76.9	88	64	92	66	72	1.98	.37	27	15	SE		
February	72.5	82.0	79.0	85.3	70.4	77.9	88	67	90	65	72	.52	.30	15	3	SE		
March	72.8	82.0	78.9	85.3	70.7	78.0	88	68	92	77	71	3.17	.84	17	14	SE		
April	74.9	82.5	79.8	86.8	72.3	79.5	89	70	88	67	76	3.22	.75	14	15	SE		
May	76.4	84.2	81.8	87.6	73.0	80.3	92	71	88	67	71	4.38	.80	15	12	SE		
June	75.9	83.9	80.7	86.9	72.3	79.6	90	69	90	67	73	4.76	.80	24	17	SE		
July	76.4	82.4	80.0	86.4	73.4	79.9	89	69	90	70	76	14.07	5.87	13	24	SE		
August	75.6	83.8	81.1	87.1	73.1	80.1	91	70	91	68	60	12.86	2.33	1	24	SE		
September	74.8	84.5	81.4	87.2	72.9	80.1	90	69	92	66	74	8.37	2.13	26	18	SE		
October	75.3	85.3	82.2	86.9	77.1	82.0	89	69	91	66	72	10.26	2.66	25	22	SE		
November	74.4	82.3	79.9	86.4	71.9	79.1	89	68	93	73	79	15.59	2.97	10	27	SE		
December	72.9	82.2	79.8	86.0	71.4	78.7	88	68	94	72	77	5.39	.85	1	19	E		
YEAR	74.4	83.0	80.2	86.4	72.3	79.4	92	64	91	69	73	84.57	5.87	..	210	..		

BRITISH CARIBBEAN METEOROLOGICAL SERVICE

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1942.

Castries, St. Lucia, B.W.I. 61°00'W; 14°01'N; 10 feet above M.S.L.

Standard Time - G.M.T. - 4 hrs.

Month	Air Temperatures (°F)							Absolute			Relative Humidity (%)			Rainfall (ins.)				Prev Wind
	Means							Absolute			Humidity (%)			Total	Max	Date	No. of days	
	7 a.m.	12 noon	5 p.m.	Max	Min	Mean	Max	Min	7 a.m.	12 noon	5 p.m.							
January													4.35	0.60	19	20	SE	
February													4.24	0.84	8	13	E	
March													2.77	1.21	7	12	E	
April													6.49	3.29	29	11	E	
May													7.37	4.14	3	12	E	
June													9.57	1.37	4	26	E	
July	74.8	84.0	81.4	86.5	72.6	79.5	88	70	92	69	77	77	14.42	2.37	27	24	E	
August	74.5	84.2	81.4	86.3	72.6	79.4	89	71	92	68	74	74	7.22	0.63	22	27	E	
September	74.1	83.9	81.8	86.5	72.6	79.5	90	69	94	70	75	75	13.75	5.65	16	26	E	
October	72.8	83.7	82.0	86.8	72.2	79.5	90	71	97	69	75	75	13.70	3.69	31	21	E	
November	73.5	82.9	80.4	85.6	72.2	78.9	89	69	96	73	79	79	18.14	3.31	23	15	SE	
December	73.6	82.3	73.8	85.3	70.4	77.9	89	65	93	74	83	83	9.67	1.57	11	22	SE	
Year	...	...	...	...	...	...	...	...	...	...	...	...	116.69	5.65	...	229	E	

Temperature and humidity records incomplete during months January to June.



SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1943

Castries, St. Lucia, B.W.I. 61°00'W; 14°01'N; 10 feet above M.S.L.

Standard Time = G.M.T. - 4 hrs

MONTH	AIR TEMPERATURES (°F)										Relative Humidity (%)			RAINFALL (ins)				PREV WIND
	Means										Absolute			Total	Max	Date	No of Days	
	7 a.m.	12 noon	5 p.m.	Max	Min	Mean	Max	Min	7 a.m.	12 noon	5 p.m.							
January	71.5	80.7	77.5	84.3	70.4	77.3	87	64	95	76	85	6.75	.77	26	24	E		
February	70.6	80.4	76.9	83.8	69.7	76.7	87	64	94	73	83	2.26	.49	13	15	SE		
March	70.7	79.9	77.4	83.4	69.5	76.5	86	65	94	73	79	4.83	.72	21	21	E		
April	73.6	82.3	79.3	84.4	71.3	77.9	88	66	90	68	77	2.48	.43	18	13	ESE		
May	74.5	81.7	77.7	84.2	72.4	78.3	88	69	91	72	84	6.19	1.09	3	19	SE		
June	74.2	82.5	78.9	84.9	72.5	78.7	88	69	93	74	83	8.53	1.31	17	24	SE		
July	75.0	83.6	79.8	85.6	72.9	79.3	89	71	91	71	82	6.78	1.77	17	21	SE		
August	73.4	83.8	80.1	84.8	72.8	78.8	89	72	98	72	81	15.31	2.78	25	25	SE		
September	73.4	84.5	81.2	85.8	72.6	79.2	89	71	93	70	79	7.68	1.18	4	21	SE		
October	73.9	82.8	80.3	85.4	72.8	79.1	89	71	96	74	82	13.43	1.77	11	24	SE		
November	72.3	82.3	78.5	84.3	71.6	77.9	87	67	98	75	84	6.89	1.47	12	23	SE		
December	72.1	80.4	77.1	82.9	71.1	77.0	86	66	96	76	85	7.34	1.81	17	19	SE		
YEAR	72.9	82.1	78.8	84.5	71.6	78.1	89	64	95	73	82	88.47	15.59	..	249	..		

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1944

Castries, St. Lucia, E.W.I. 61°00'W; 14°01'N; 10 feet above M.S.L.

Standard Time = G.M.T. - 4 hrs

	AIR TEMPERATURES (°F)							Relative Humidity (%)			RAINFALL (ins)				PREV WIND	
	Means							Absolute			Total	Max	Date	No. of Days		
	7 a.m.	12 noon	5 p.m.	Max	Min	Mean	Max	Min								
January	69.5	78.7	76.1	82.0	69.0	75.5	86	63	97	78	87	4.34	.55	2	20	SE
February	69.8	80.7	76.3	82.6	68.5	75.5	87	65	70	72	82	2.45	.46	18	14	SE
March	71.1	81.1	77.1	82.3	69.2	75.7	87	64	93	70	80	2.83	.79	30	15	SE
April	74.1	82.5	78.2	83.7	71.7	77.7	88	68	90	65	79	1.91	.47	18	12	SE
May	73.9	81.5	77.9	83.6	72.1	77.9	88	69	92	72	82	14.93	2.24	27	25	SE
June	75.7	83.2	79.7	84.9	73.6	79.3	88	71	92	74	83	16.01	3.22	9	24	SE
July	74.5	82.1	78.9	84.9	72.9	78.9	88	74	94	77	85	19.17	2.48	24	26	SE
August	74.3	83.2	80.9	85.9	72.8	79.3	89	72	94	72	79	8.69	1.47	16	26	SE
September	73.2	83.9	80.4	84.6	71.9	78.3	91	69	95	70	80	8.79	1.77	28	20	SE
October	73.2	83.2	79.3	84.7	72.2	78.5	89	71	97	71	85	12.96	1.96	18	24	SE
November	72.6	82.0	78.3	83.9	71.6	77.7	89	67	96	75	86	12.52	4.81	14	21	SE
December	71.9	81.2	78.2	83.0	70.5	76.7	87	66	95	76	83	11.86	2.43	19	25	SE
YEAR	72.8	81.9	78.4	83.8	71.3	77.6	91	63	92	73	83	116.46	22.65	..	252	..

British Caribbean Meteorological Service

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1945.

Gastries, St. Lucia, B.W.I., 14°01'N; 61°00'W; 10 feet above M.S.L.

(Standard Time = G.M.T. - 4 hrs.)

Month	AIR TEMPERATURE (°F)				Relative Humidity (%)		Rainfall (ins.)		
	Means			Extremes	7h	12h	Total	Max. in a day	No. of days
	7h	12h	17h						
January	...	...	...	...	...	...	3.56	0.69	18
February	...	...	...	...	...	...	6.17	0.89	24
March	...	...	...	...	...	...	1.30	0.25	10
April	...	...	...	...	...	...	12.00	2.85	25
May	...	...	...	...	...	...	7.54	1.21	21
June	...	...	...	...	...	...	8.91	2.79	21
July	...	...	...	...	...	...	7.26	1.04	27
August	...	...	...	...	...	...	17.93	1.68	28
September	...	...	...	...	...	...	13.23	2.27	23
October	...	...	...	...	...	...	14.57	3.04	25
November	...	...	...	...	...	...	7.53	1.69	24
December	...	...	...	...	...	...	7.00	1.11	20
YEAR	...	...	...	...	...	...	177.00	3.04	266



British Caribbean Meteorological Service
 Summary of meteorological observations
 Gastries, St. Lucia, 1945-53

British Caribbean Meteorological Service

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1946.

Castries, St. Lucia, B.W.I. 14°01'N: 61°00'W: 10 feet above M.S.L.

(Standard Time = G.M.T. - 4 hrs.)

Month	AIR TEMPERATURE (°F)					Relative Humidity			Rainfall (ins.)		
	MEANS			Extremes		7h	12h	17h	Total	Max. in a day	No. of days
	7h	12h	17h	Max.	Min.						
January									8.07	0.97	26
February									5.81	0.99	17
March									1.62	0.39	10
April									2.79	0.52	12
May									14.96	3.59	23
June									11.95	2.72	21
July									13.33	4.55	24
August									6.40	0.95	23
September									10.64	1.86	20
October									8.84	2.21	17
November									9.06	1.64	15
December									8.80	2.09	24
YEAR	...	...	...	...	...	...	...	...	102.27	4.55	232

TEMPERATURE AND HUMIDITY DATA ARE NOT AVAILABLE



British Caribbean Meteorological Service

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1947

Castries, St. Lucia, B.W.I. 14°01'N; 61°00'W; 10 feet above M.S.L.

(Standard Time = G.M.T. - 4 hrs.)

Month	AIR TEMPERATURE (°F)					Relative Humidity		Rainfall (ins.)	
	Mean			Extremes		% 7h 12h 17h		Total	Max. in a day
	7h	12h	17h	Max.	Min.				
January								9.49	1.10
February								3.31	1.03
March								1.52	0.37
April								3.69	0.52
May								3.55	0.57
June								6.41	0.87
July								14.34	1.76
August								10.34	2.16
September								10.85	2.03
October								13.37	2.39
November								9.75	2.05
December								6.08	0.59
Year	...	...	...	...	...	...	...	92.70	2.39
									255

TEMPERATURE AND HUMIDITY

DATA ARE NOT

AVAILABLE



British Caribbean Meteorological Service

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1948.

Castries, St. Lucia, B.W.I. 14° 01' N; 61° 00' W; 10 feet above M.S.L.

(Standard Time = G.M.T. - 4 hours)

Month	AIR TEMPERATURE (°F)							Extremes			Relative Humidity (%)			Rainfall (ins.)		No. of days
	M e a n s													Total	Max. in a day	
	7h.	12h.	17h.	Max.	Min.	Mean	Max.	Min.	7h.	12h.	17h.	Total	Max. in a day			
January	72.9	83.1	78.2	84.3	70.2	77.3	86	66	91	68	79	5.87	0.77	23		
February												3.91	0.81	14		
March												3.47	0.55	15		
April												(1.05)	(0.13)	(16)		
May												4.94	1.26	18		
June	76.7	84.9	81.2	87.2	73.2	80.2	91	72	86	66	73	8.45	1.37	23		
July	77.2	84.6	80.8	85.9	73.6	79.7	88	72	87	68	75	12.36	1.57	31		
August	76.5	85.5	81.9	87.0	73.3	80.1	90	72	88	66	73	14.23	2.82	20		
September	75.3	84.9	81.4	86.9	72.6	79.7	89	68	90	69	76	18.56	4.68	17		
October	74.7	83.0	80.3	86.0	69.9	77.9	89	66	89	76	80	18.80	5.65	23		
November	74.6	83.7	79.7	85.4	71.8	78.6	88	69	90	70	78	20.13	4.95	24		
December	73.5	84.0	79.6	85.2	70.9	78.1	88	69	91	67	76	5.87	.77	21		
YEAR	...	...	...	...	...	...	...	...	...	...	...	117.64	5.65	245		

Data supplied by the Superintendent of Agriculture, St. Lucia.

Rainfall for April interpolated from neighbouring station.



SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1949.

Castrios, St. Lucia, B.W.I. 14°01'N; 61°00'W; 10 feet above M.S.L.

(Standard Time = G.M.T. - 4 hours)

90457

Notes: Means of temperature and humidity for nine months only.

Values in brackets have been interpolated from a neighbouring station.

Data supplied by the Superintendent of Agriculture, St. Lucia.



N.O.N. 179/50.

British Caribbean Meteorological Service

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1950.

Castries, St. Lucia, B.W.I. 14°01'N; 61°00'W; 10 feet above M.S.L.

(Standard Time = G.M.T. - 4 hrs.)

Month	AIR TEMPERATURE (°F)										Relative Humidity			Rainfall (ins.)		PREV. WIND
	M e a n s								Extremes		Total	Max. in a day	No. of days			
	7h.	12h.	17h.	Max.	Min.	Mean	Max.	Min.								
January	71.8	78.6	74.6	81.8	68.5	75.2	85	66	91	75	84	6.62	.95	23	SE	
February	72.7	81.2	77.2	83.1	69.8	76.5	86	68	89	68	77	4.19	1.05	16	SE	
March	71.1	81.7	78.0	83.4	68.9	76.2	86	68	92	67	74	3.22	1.35	24	SE	
April	71.7	83.4	78.6	83.7	69.2	76.5	88	63	91	65	75	5.19	.63	19	SE	
May	73.1	82.7	79.5	84.1	70.3	77.2	86	66	90	68	75	11.89	4.02	23	SE	
June	74.4	82.4	78.8	84.2	71.9	78.1	86	69	89	69	76	18.45	3.09	27	SE	
July (a)	...	...	...	...	...	...	...	...	...	...	...	9.71	...	26	...	
August(a)	...	...	...	...	...	...	...	...	...	...	...	11.04	...	23	...	
September	73.6	84.8	81.8	87.4	71.9	79.6	91	69	94	67	71	6.00	0.82	17	SE	
October	72.9	84.7	79.8	86.2	70.7	78.5	83	69	93	69	76	10.79	1.65	24	SE	
November	71.3	82.7	78.8	84.8	69.3	77.0	87	68	94	67	77	14.18	3.35	22	SE	
December	71.0	82.3	78.7	84.0	69.1	76.5	86	65	94	68	78	11.53	3.97	25	SE	
YEAR	72.4	82.4	78.6	84.3	70.0	77.1	91	65	92	68	76	117.81	4.02	269	SE	

(a) Data other than rainfall are missing

(b) Means for ten months only

Data supplied by the Superintendent of Agriculture, St. Lucia.



British Caribbean Meteorological Service

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1951.

Castries, St. Lucia, B.W.I. 14°01'N; 61°00'W; 10 feet above M.S.L.

(Standard Time = G.M.T. - 4 hours)

Month	AIR TEMPERATURE (°F)				Relative Humidity (%)		Rainfall (ins.)	
	Means			Extremes	7h.	12h.	Total	No. of days
	7h.	12h.	17h.					
January	...	...	...	...	...	...	3.59	18
February	...	...	...	...	...	...	6.95	18
March	...	...	...	...	...	...	1.37	4
April	...	...	...	...	...	...	10.79	21
May	...	...	...	...	...	...	10.16	24
June	...	...	...	...	...	...	11.41	26
July	...	...	...	...	...	...	16.72	29
August	...	...	...	...	...	...	10.70	29
September	...	...	...	...	...	...	12.88	22
October	...	...	...	...	...	...	7.40	18
November	...	...	...	...	...	...	11.73	21
December	...	...	...	...	...	...	13.51	26
YEAR	...	...	...	...	...	...	117.21	256

Average annual rainfall 1923-51 = 93.18 ins.

Data supplied by the Superintendent of Agriculture.



British Caribbean Meteorological Service

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1952.

Gastries, St. Lucia. B.M.I. 14°01'N; 61°00'W; 10 feet above M.S.L.

(Standard Time = G.M.T. - 4 hrs.)

Month	AIR TEMPERATURE (°F)										Relative Humidity			Rainfall (ins.)			
	M e a n s						Extremes		(%)			Total	% of average	Max. in a day	No. of days		
	7h.	12h.	17h.	Max.	Min.	Mean	Max.	Min.	7h.	12h.	17h.						
January	69.3	82.5	78.7	84.4	67.6	76.0	86	65	95	65	73	0.91	18	0.27	11		
February	71.9	82.3	78.7	84.8	69.8	77.3	87	64	92	66	M I S S I N G	3.29	87	0.91	13		
March	73.8	83.7	79.3	85.7	71.6	78.7	88	68	89	64	73	7.96	232	2.35	15		
April	74.7	85.1	81.1	86.9	72.3	79.6	89	69	92	66	71	3.81	99	0.65	17		
May	75.0	84.5	80.0	86.1	72.9	79.5	88	71	92	67	77	2.26	34	0.35	15		
June	74.5	84.2	79.5	85.9	72.8	79.3	87	70	94	67	78	11.84	127	2.47	24		
July	76.6	84.8	81.1	87.1	71.7	79.4	89	70	91	69	79	16.85	161	6.74	25		
August	73.9	83.9	80.8	86.5	71.8	79.2	89	68	94	65	75	9.05	83	1.56	23		
September	73.9	85.2	81.0	87.5	71.9	79.7	91	70	92	69	77	15.16	143	3.57	21		
October	71.8	83.5	80.1	85.5	70.3	77.9	88	68	96	69	75	8.47	80	1.40	19		
November	70.0	82.7	78.9	84.7	68.3	76.5	86	65	95	69	77	10.18	98	1.60	21		
December	73.2	83.9	79.9	85.9	71.0	78.5	91	64	93	67	75	7.96	101	1.55	21		
YEAR *												97.74	105	6.74	225		

* Means of temperature and humidity for 11 months only

Average rainfall 1923 - 1951 = 93.18 ins.

Data supplied by the Superintendent of Agriculture, St. Lucia.



West Indies (Federation) Meteorological Service

West Indies Meteorological Service

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1953

Gastries, St. Lucia, 14° 01' N, 61° 00' W; 10 feet above M.S.L.

(Standard Time = C.M.T. - 4 hours)

Month	Air Temperature (°F)						Relative Humidity			Rainfall (ins.)		
	Means					Extremes	%			Total	% of Average	Max. in a day
	07h	12h	17h	Max.	Min.		07h	12h	17h			
January	71.7	81.1	77.4	83.7	69.1	86	91	70	60	3.47	69	0.52
February	71.1	81.9	78.6	83.9	63.7	85	92	67	74	4.27	114	0.82
March	72.0	84.0	79.6	86.1	69.9	87	92	68	71	3.15	84	0.74
April	74.8	83.2	78.8	85.0	72.1	87	99	67	77	3.79	98	0.75
May	74.6	84.1	80.0	85.7	72.3	87	91	66	74	9.81	150	2.37
June	75.0	83.8	80.3	85.5	72.9	87	92	68	76	7.47	80	2.30
July	77.0	83.6	81.5	86.6	72.6	88	91	76	81	16.55	155	1.62
August	75.0	85.1	80.8	86.9	72.9	91	93	67	76	9.17	85	2.43
September	72.7	85.0	80.1	86.9	70.7	89	94	67	77	12.38	115	1.92
October	71.6	84.9	79.9	86.3	69.3	89	94	66	76	10.62	101	1.70
November	71.4	82.9	79.2	84.9	69.6	87	94	70	78	10.83	104	2.77
December	73.4	83.6	79.7	85.6	71.0	87	92	60	76	7.30	93	1.34
Year	73.4	83.6	79.7	85.6	71.0	87	92	60	76	98.81	106	2.77
												248

Average Annual Rainfall (1923-1952) = 93.33 ins.

*Means of Temperature and Humidity for eleven months only, March excluded.