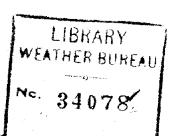
SAINT LUCIA .

Betanic Garden Station.



Monthly Synopses of Meteorological Observations.

January 1898 -- December 1899

GC 987 .S17 M66 1898-1899 (Incomplete)

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# Castrier 13-59' N. 61° 1' W.



# SYNOPSIS of Meteorological Observations for January, 1898.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′. N. Height above Sea level, 10 ft.

			Baron	METER.				-				
	The state of the s	Ţ	Unreduced	d readings		We	t and 1	Dry Bu	lbs	me	n-1	all.
	7 a.m.			3 р.т.		7 a	.m.	3 р	.m.	Maximum.	Minimum.	Rainfall
	ŀ	Barom.	Att. Therm.	Barom.	Att. Therm.	D,	W.	D.	<b>W</b> .	Max	Mini	Total
Means		in. 30·124		in. 30·114	83	78.7	7η6	83.8	77	85	72	in. 4·67

Highest reading of Barometer as read (on 31st)-30·256 inches.

Lowest ,, ,, ,, (6th)—30.060

Mean daily reading of Barometer, corrected and reduced to 32° F.— 29.998 inches.

Highest reading of Maximum Thermometer (28th)—87.5° F.

Lowest ,, ,, Minimum ,, (28th and 29th)-67° F.

➤ Daily mean temperature for the month—78.5° F.

" " dew point " " " —71° F.

Tension of aqueous vapour—759.

Relative Humidity-77.

Number of days on which rain fell-24.

Maximum rainfall in one day-80 inches (on 8th.)

J. CHISNALL MOORE,

# SYNOPSIS of Meteorological Observations for February, 1898.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′. N. Height above Sea level, 10 ft.

		Baron	ÆTER.			'n	HERMO	METERS	١.		
	1	Unreduced	l readings		We	t and I	Dry Bu	lbs.			all,
	7 :	a.m.	3	p <b>.m</b> .	7 a	.T11.	3 I	.m.	imum.	Mipimum.	l Rainfall
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	ъ.	w.	Мах	Mini	Total
Means .	30·108	72.2	in. 30-108	83 9	72.2	6§.9	8 <del>4</del> ·1	75.9	84·5	70 5	in. 3·09

Highest reading of Barometer as read (on 2nd)—30·198 inches.

Lowest " " " " (28th)—30·050 ",

Mean daily reading of Barometer, corrected and reduced to 32° F - 29.984 inches.

Highest reading of Maximum Thermometer (3rd)—89° F.

Lowest ,, ,, Minimum ,, (10th and 11th) - 67° F.

Daily mean temperature for the month—77.50 F.

" " dew point " " " —71° F.

Tension of aqueous vapour—759.

Relative Humidity-77.

Number of days on which rain fell-16.

Maximum rainfall in one day-50 inches (on 5th.)

Total Rainfall since January 1st-7.76 inches.

#### J. CHISNALL MOORE,

## SYNOPSIS of Meteorological Observations for March, 1898.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′. N. Height above Sea level, 10 ft.

		BARO	METER.			r	Гневмо	OMETER	s.		
		Unreduce	d readings	š.	We	t and	Dry Bu	ılbs			- i
	7	s.m.	3	<b>p₊m</b> .	7 а	.m.	3 1	o.m.	mum.	mum.	Rainfall
	Barom.	Att. Therm.	Barom,	Att. Therm.	D.	w.	D.	W.	Maximum	Minimum	Total
Means	in. 30·068	72°.5	in. 30·062	84°3	73.0	69·2	81°.5	7 <b>4</b> ·7	85·2	69.9	in. <b>4·4</b> 2

Highest reading of Barometer as read (on 17th)—30·140 inches.

Lowest ,, ,, ,, (13th)—29·950 ,,

Mean daily reading of Barometer, corrected and reduced to 32° F.— 29·938 inches.

Highest reading of Maximum Thermometer (16th)—89° F.

Lowest ,, ,, Minimum ,, (28th)—65° F.

Daily mean temperature for the month—77·5° F.

,, ,, dew point ,, ,, —68° F.

Tension of aqueous vapour—686.

Relative Humidity—73.

Number of days on which rain fell—14.

Maximum rainfall in one day—1·91 inches (on 11th.)

Total Rainfall since January 1st-9:18 inches.

J. CHISNALL MOORE,

# SYNOPSIS of Meteorological Observations for April, 1898.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′. N. Height above Sea level, 10 ft.

		Baro	METER.			1	THERM	OMETER	s.		
	de l'acceptable de l'acceptabl	Unreduce	d readings	s.	We	t and	Dry Bu	ılbs.	5	1	į.
	7	a.m.	3 p.m.		7 a	.m.	3 I	o.m.	Maximum.	Minimum.	Rainfall
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	w.	Maxi	Mini	Total
Means .	in. 30·155	77°.	in. 30·147	87°7	77.4	73.3	8 <sup>9</sup> 7.2	77°.8	87·8	$73^{\circ}6$	in. 5·23

Highest reading of Barometer as read (on 5th)—30.250 inches.
Lowest ,, ,, ,, (28th)—30.066 ,,
Mean daily reading of Barometer, corrected and reduced to 32° F.— 30.024 inches.
Highest reading of Maximum Thermometer (24th)—91° F.
Lowest ,, ,, Minimum ,, (14th) - 69° F.
Daily mean temperature for the month—80.7 F.
" " dew point " " —71° F.
Tension of aqueous vapour—759.

Relative Humidity—70.

Number of days on which rain fell-16.

Maximum rainfall in one day—1.62 inches (on 28th.)

Total Rainfall since January 1st-14:41 inches.

J. CHISNALL MOORE,



## SYNOPSIS of Meteorological Return for month of May, 1899.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		BARO	KETER.					THER	Momete	RS.			
		Jureduces	d readings	).	Wet	and l	Dry B	ulbs.			. Blkd. no.	p. Ther-ground.	a)].
	7 a.m.		3 p.m.		7 8	ı.m.	3 p	). JB,	imm.	Mir.imum.	Bighest Tem. Bulb in vacuo.	_8 g	l Rainfall
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	W.	Max	Mir.	Highe Bulb	Lowest T monieter	Total
Means	iu. 30·179	79°1	in. 30-169	89.4	79°1	7 <b>4</b> ·5	88·4	78	91°-1	71.9	157.9	69.5	in. 1·34

Highest reading of Barometer as read (on 29th)-30.234 inches.

Lowest ,, ,, ,, ,, (,, 3rd)-30.076

Mean daily reading of Barometer, corrected and reduced to 32° F.-30.047 inches.

Highest reading of Maximum Thermometer (on 14th)- 97° F.

Lowest ,, ,, Minimum ,, (on 12th)—690 F.

Daily mean temperature for the month—81.50 F.

, " dew point " " , —71·4° F.

Tension of aqueous vapour—759.

Relative Humidity-66

Number of days on which rain fell-13.

Maximum rainfall in one day—32 inches (on 29th.)

Total Rainfall since January 1st-17:80 inches.

J. CHISNALL MOORE, Curator.



# SYNOPSIS of Meteorological Observations for June, 18984

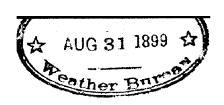
Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		BARO	METER.			ŋ	Гневмо	METERS			
	1	Unreduced	l readings	š.	We	t and l	Dry Bu	ilbs.			fall.
	7 a.m.			p.m.	7 a	.m.	3 1	),m.	Maximum.	Minimum.	1 Rainfall
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	<b>w</b> .	Max	Min	Total
Meaus	in. 30·162	80°·5	in. 30·153	88.9	80°-5	<b>76</b> ·3	87.9	79-1	88·5	76.2	in. 6·75.

Highest reading of Barometer as read (on 9th)-30.212 inches. (2nd)-30.086 Lowest Mean daily reading of Barometer, corrected and reduced to 32° F.—30.030 inches. Highest reading of Maximum Thermometer (5th)-91.50 F. (27th)-73° F. " Minimum Lowest Daily mean temperature for the month-82.3° F. " —73·4° F. dew point Tension of aqueous vapour—812. Relative Humidity—70.3. Number of days on which rain fell-23. Maximum rainfall in one day—1.30 inches (on 14th.) Total Rainfall since January 1st-23.64 inches.

J. CHISNALL MOORE,



# SYNOPSIS of Meteorological Return for month of July, .1899.

Station-Botanic Garden, St. Lucia.

Height above Sea level, 10 ft. Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N.

		BAROM	RTBR.				•	THERM	OMETER	S.			
	U	nreduced	readings		Wet	and I	Ory B	uibs.			em. Bikd. racuo.	p. Ther- ground.	fall.
	7 a	3 p.m.		7 a	.m.	3 р	.m.	Maximum.	Minimum.	F-1	Tem]	al Rainfall	
	Berom.	Att, Therm.	Barom.	Att. Therm.	D.	W.	D.	W.	Max	Min	Highest Bulb in	Lowest	Total
eans	in. 30·129	79.5	in. 30·140	87 <sup>-</sup> 8	79 <sup>°</sup> 6	76·7	86.8	79°9	88 <sup>-</sup> 7	72·6	162	72.7	in 7·3

				l						1	
Tension Relative	ily readire reading ,, ean temp , dew of aqueo	ng of Ba of Maxin ,, Minin perature i point ous vapou	rometer, num Th num for the ,,,,, r—868	orrections of the correction o	" 1 ected neter 1—80 —75	4th)— and re- (on 29 (on 20 60 F.	-30·07 duced (th) !	6 ,, to 32 91° F	• F	<b>30·007</b>	inches.

Maximum rainfall in one day-73 inches (on 14th.)

Total Rainfall since January 1st-33.89 inches.

J. CHISNALL MOORE,

## SYNOPSIS of Meteorological Observations for August, 1898-

Station—Botanic Garden, St. Lucia.

Long. 60° 59' 49" W. Lat. 14° 0' 56" N. Height above Sea level, 10 ft.

	Barometer.							Тнев	MOMETE	RS.			
	1	Unreduced	l readings	•	Wet	and I	Dry B	ulbs.			sture ilb in	ature on	Ę
	7	a.m.	3	o.m.	7 a	m.	3 p	o.m.	Maximum.	Minimum.	Temperature ened Bulb in	Temperature nometer on	Rainfall
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	w.	Max	Mini	Mean Black vacuo	Mean Theri grass.	Total
Means	iu. 30·118	78	in. 30-118	87·5	79.2	76∙5	86.7	79ိ6	87·9	75-2	154	78°9	in. 13·20.

Highest reading of Barometer as read (on 5th)-30.198 inches. (on 15th)—30.010 ... Lowest >> >> Mean daily reading of Barometer, corrected and reduced to 32° F.—29.991 inches. Highest reading of Maximum Thermometer (on 6th)-90.50 F. (on 5th and 6th)—73° F. " " Minimum Highest reading of Blackened Bulb in vacuo—1650 (on 12th.) "Thermometer exposed on grass—670 (on 5th) Daily mean temperature for the month-81.50 F. -75.4° F. dew point Tension of aqueous vapour—882 Relative Humidity-78. Number of days on which rain fell—29. Maximum rainfall in one day—2.12 inches (on 15th.) Total Rainfall since January 1st-49-89 inches.

> J. CHINNALL MOORE, Curator.



### SYNOPSIS of Meteorological Observations for September, 1898.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

:		BARON	ÆTER.					THER	MOMETE	RS.				
	1	Unreduced readings.			Wet	and l	Dry I	Bulbs.			perature Bulb in	ature on	II.	
	7 a.m.		3 p.m.		7 8	a.m.	3	թ.m.	Bum.	num.	Temper	l'emperature ometer on	Rainfall	
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	w.	Maximum	Minimum	Mean Blacke	Meau ' Therm grass.	Total	
Means	in. 30 075	77.7	in. 30-069	85.9	78	75.5	85 85	79.3	87·5	7 <del>4</del> ·1	155	69.5	in. <b>424-74</b> .	25

Highest reading of Barometer as read (21st)—30·138 inches.

Lowest ", ", ", (11th)—29·864 "

Mean daily reading of Barometer, corrected and reduced to 32° F.—29·945 inches.

Highest reading of Maximum Thermometer (24th)—91° F.

Lowest ", "Minimum ", (26th)—71° F.

Daily mean temperature for the month—80·8° F.

" " dew point " " —74·7° F.

Tension of aqueous vapour—868

Relative Humidity—82.

Number of days on which rain fell-22.

Maximum rainfall in one day—13.18 inches (on 11th.) Rain Guage overflowed.

Total Rainfall since January 1st-74.63 inches.

J. CHISNALL MOORE, Curator.



#### Observations for October, 1898. Meteorological SYNOPSIS of

Station-Botanic Garden, St. Lucia.

Lat. 14° 0′ 56′′ N. Long. 60° 59′ 49′′ W. Height above Sea level, 10 ft.

		BARON	ETER.					THER	COMETE!	RS.			
		Jureduced	l readings	•	Wet	and l	Dry B	ulbs.			Tempera- ened bulb	Tempera- mometer	ii.
	7 a	.m.	3 р.т.			.111.	3 p	).m.	mnm.	Minimum.	- 충 .	st Ten Phermorsus.	Rainfall
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	w.	Maxi	Mini	Highest ture Bla in vacuo	Lower ture 7	Total
Means	in. 30·093	78	in. 30-069	87°·4	78.3	75 <sup>°</sup> .8	86·7	79-2	88.7	74.4	156.8	69.6	in. 10-96.

Highest reading of Barometer as read (19th)-30·168 inches. (27th)-30.004 ... Lowest Mean daily reading of Barometer, corrected and reduced to 32° F.—29.954 inches. Highest reading of Maximum Thermometer (10th)-91.5° F.  $(27th) - 71^{\circ} F.$ " Minimum Lowest Daily mean temperature for the month—82.50 F. " -74·2° F. dew point yy yy -Tension of aqueous vapour-840. Relative Humidity-76

Number of days on which rain fell-28.

Maximum rainfall in one day—2.12 inches (on 4th.)

Total Rainfall since January 1st-86·13 inches.

N.B.—Correction to Synopsis for Month of September last :-Total Rainfall should read as 25.28 inches. since January 1st. as 75.17.

J. CHISNALL MOORE,

# SYNOPSIS of Meteorological Observations for November, 1898.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		BAROM					THERM	COMETE	ts.				
	τ	Unreduced readings.				and Dry Bulbs.					Black o.	e Ther- ground.	fall.
	7 a	ı. <b>n</b> ı.	3 г	3 p.m.		7 a.m.		o.m.	Maximum.	Minimum.	Temperaure B	on on	l Rainfall
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	W.	Max	Min	Temp bulb	Tempera mometer	Total
Means	in. 30·052	7 <del>6</del> ·1	in. 30-039	85	76.2	73°.5	84 84	77.7	86·5	$7\overset{\circ}{2}\cdot 7$	153	67.4	in. 12-23.

Highest	reading	$\mathbf{of}$	Barometer	as	read	(on	26th)—30·122	inches.
Lowest	"	,,	"	,,	,,	(,,	6th)— $29.956$	,,

Mean daily reading of Barometer, corrected and reduced to 32° F.—29.918 inches.

Highest reading of Maximum Thermometer (on 18th)—89.50 F.

Lowest ,, ,, Minimum ,, (,, 16th)—71.5° F.

Daily mean temperature for the month—79.60 F.

" " dew point " " " —72·6° F.

Tension of aqueous vapour—812.

Relative Humidity—79

Number of days on which rain fell-24.

Maximum rainfall in one day-3.58 inches (on 1st.)

Total Rainfall since January 1st-98-36 inches.

J. CHISNALL MOORE,



### SYNOPSIS of Meteorological Observations for December, 1898.

Station-Botanic Garden, St. Lucia.

Long. 66° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		BAROMETER.  Unreduced readings.  7 a.m. 3 p.m.						THERM	<b>MOMETE</b>	RS.			
	τ				Wet	and I	Dry B	ulbs			Black o.	e Ther- ground.	fall.
	7 a.m. 3 p.m.				7 a	m.	3 p	), lii.	ivan.	Mininum.	Temperaure E	e in	l Rainfall
	Barom. Att. Barom. Att.			Att. Therm.	D.	W.	D.	W.	Maxim	Min	Temp bulb	Tempera mometer	Total
Means	in. 30·141 75·4 30·120 85·3			75°5	72°5	84·5	76°5	86	<b>72</b> ·4	151	66.5	in. 6·13.	

Highest reading of Barometer as read (on 13th)—30.226 inches.

Lowest ,, ,, ,, (,, 20th)—30·072 ,,

Mean daily reading of Barometer, corrected and reduced to 32° F.-30.003 inches.

Highest reading of Maximum Thermometer (on 25th)-90° F.

Lowest ,, ,, Minimum ,, (,, 21st)—68° F.

Daily mean temperature for the month—79.20 F.

" " dew point " " —70.8° F.

Tension of aqueous vapour—'746.

Relative Humidity—74

Number of days on which rain fell—28.

Maximum rainfall in one day-99 inches (on 1st.)

Total Rainfall since January 1st-104 49 inches.

Correction.—In the Synopsis for March, the total rainfall since January 1st should read 12·18 ins., instead of 9·18 inches. This difference of 3 inches (which was due to a clerical error) should be added to the total for the year which should read as 107·49.

J. CHISNALL MOORE,



# SYNOPSIS of Meteorological Return for month of January, 1899.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		Вавом	ETER.	1			,	Гиевм	OMETER	<b>18</b> .			
	τ	Jareduced	readings	•	Wet	and I	Ory B	ulbs.			Blkd.	Ther- ground.	fall.
	7 a.m. 3 p			o.m.	7 a	7 a.m.		,m.	Maximum,	Minimum.	Tem. B in vacuo.	Temp.	l Rainfall
	Barom. Att. Baron		Barom.	Att. Therm.	D.	W.	D.	<b>W</b> .	Max	Min	Mean bulb in	Mean	Total
Means	in. 30·148	73	in. 30-136	83.7	75	71.2	83 2	<b>74</b> ·3	8 <b>4</b> ∵3	72	148.4	66·1	in. 6- <b>4</b> 2

Highest reading of Barometer as read (on 18th)-30·196 inches.

Lowest ,, ,, ,, ,, (,, 5th)—30·082 .,

Mean daily reading of Barometer, corrected and reduced to 32° F.—30.015 inches.

Highest reading of Maximum Thermometer (14th & 27th)—87° F.

Lowest ,, ,, Minimum ,, (20th)-70° F.

Daily mean temperature for the month—78.10 F.

, " dew point " " , —68·4° F

Tension of aqueous vapour—684.

Relative Humidity-69

Number of days on which rain fell-28.

Maximum rainfall in one day-1.51 inches (on 9th.)

Total Rainfall since January 1st-6.42 inches.

J. CHISNALL MOORE,



# SYNOPSIS of Meteorological Return for month of February, 1899.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		Baron	æter.					Thern	IOMETE	ß.			
:	Unreduced readings.				Wet	and I	Ory B	ulbs.		•	d. bulb	Thermom- ground.	Rainfall.
-	7 a.m.		3 1	3 р.ш.		,m.	3 p.m.		Maximum	Minimum	. Blkd.	=	1
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	w.	Мвя	Min	Tem. in v3	Temp.	Total
Means	in. 30·180	74.4	in. 30-048	83.5	74.4	70.4	83	74.4	83 <sup>5</sup> ·7	71.6	149-6	65.2	in. 3-58

Highest reading of Barometer as read (on 11th)-30.234 inches.

Lowest ,, ,, ,, ,, (,, 26th)-30·126 ,

Mean daily reading of Barometer, corrected and reduced to 32° F.—30.050 inches.

Highest reading of Maximum Thermometer (11th & 28th)—86.5° F.

Lowest ,, ,, Minimum ,, (5th)-69° F.

Daily mean temperature for the month—77.60 F.

, dew point ,, ,, ... -68° F.

Tension of aqueous vapour—684.

Relative Humidity-70

Number of days on which rain fell—24.

Maximum rainfall in one day-0.44 inches (on 18th.)

Total Rainfall since January 1st-10 inches.

J. CHISNALL MOORE,



# SYNOPSIS of Meteorological Return for month of March, 1899.

Station-Botanic Garden. St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

		BARON	ETER.					THERM	(OMETE	RS.			
	τ	Unreduced readings.				and I	Dry B	ulbs	-		. <b>Blk</b> d no.	. Ther- ground.	full.
	7 a.m. 3 p.m.			o.m.	7 a	m.	3 р	).m.	iman.	Misimum.	est Tem in vac	st Temp eter on g	al Rainfall
	Barom.	Att. Therm.	Barom,	Att. Therm.	D.	w.	D.	W.	Maxir	Min	High Bulh	Lowest	Total
Means	in. 30·166	73.7	in. 30·152	84 <sup>°</sup>	73.9	76.3	82·8	7 <b>4</b> ·7	84.4	70-3	152.8	65 <sup>.</sup> 9	in. 5·15

Highest reading of Barometer as read (on 8th)-30.226 inches.

Lowest ,, ,, ,, ,, (,, 24th)—30.076

Mean daily reading of Barometer, corrected and reduced to 32° F.—29.982 inches.

Highest reading of Maximum Thermometer (on 19th)—89° F.

Lowest ,, ,, Minimum ,, (on 26th )—66° F.

Daily mean temperature for the month—77.30 F.

, " dew point " " " —68·5° F.

Tension of aqueous vapour—'696.

Relative Humidity-71

Number of days on which rain fell-18.

Maximum rainfall in one day—1.44 inches (on 13th.)

Total Rainfall since January 1st-15:15 inches.

J. CHISNALL MOORE,



# SYNOPSIS of Meteorological Return for month of April, 1899.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		BARON	CETER.		!			THER	MOMETE	RS.			
	1	Inreduced	l readings		Wet	and	Dry B	ulbs.	-		Bikd 10.	Ther- round,	. I.
	7 ε	.m.	3 1	p.m.	7 a.m.		3 p.m.		man.	mm.	st Tem. in vacu	t Temp. 'ter ou gr	Rainfall
	Barom. Att. Therm.		Barom,	Att. Therm.	D.	w.	D.	w.	Maxi	Minimum	Highest Bulb in	Lowest	Total
Means	in. 30·153	75.9	in. 30·142	87°2	75.9	72°.	86·3	76.3	89 <sup>-</sup> 3	78	156.1	66·8	in. 1·31

Highest reading of Barometer as read (on 25th)-30.230 inches.
Lowest ,, ,, ,, (,, 23rd)—30·072 .,
Mean daily reading of Barometer, corrected and reduced to 32° F30.020 inches.
Highest reading of Maximum Thermometer (on 27th)—92.50 F.
Lowest ,, Minimum ,, (on 13th )-660 F.
Daily mean temperature for the month—79.60 F.
, " dew point " " ,, —69·6° F.

Tension of aqueous vapour—720.

Relative Humidity—68

Number of days on which rain fell-8.

Maximum rainfall in one day—64 inches (on 1st.)

Total Rainfall since January 1st-16.46 inches.

J. CHISNALL MOORE, Curator.



# SYNOPSIS of Meteorological Return for month of May, 1899.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		BARON	eter.					There	MOMETER	<b>LS</b> .			
	t	preduced	l readings	and a service and an arrange of the service of the	Wet	and I	Ory B	ulba.		,	. Bikd. uo.	Ther-ground.	(e.)].
	7 a.m. 3 1			o.m.	7 a	.m. 3 p		.m.	Maximum.	Miraman.	ighest Tem. ulb in vac	est Temp. leter ou g	al Rainfall
1	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	W.	Max	Min	Bulb	Lowe	Total
Means	in. 30·179	79 €	in. 30-169	89.4	79 <sup>°</sup> 1	74.5	88°·4	78	91°-1	71.9	157.9	69-5	in. 1·34

Highest reading of Barometer as read (on 29th)-30.234 inches.

Lowest ,, ,, ,, ,, (,, 3rd)-30.076 ...

Mean daily reading of Barometer, corrected and reduced to 32° F.-30-047 inches.

Highest reading of Maximum Thermometer (on 14th)- 97° F.

Lowest ,, ,, Minimum ,, (on 12th)—690 F.

Daily mean temperature for the month—81.50 F.

, " dew point " " " —71.4° F.

Tension of aqueous vapour—.759.

Relative Humidity-66

Number of days on which rain fell-13.

Maximum rainfall in one day-32 inches (on 29th.)

Total Rainfall since January 1st-17.80 inches.

J. CHISNALL MOORE, Curator.



# SYNOPSIS of Meteorological Return for month of June, 1899.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

		Baron	ÆTER.					THER	MOMETE	RS.			
	7	Unreduced readings.					Dry B	ulbs.			em. Blkd. vacuo.	p. Ther- ground.	ífall.
	7 a.m. 3 p.m.				7 8	.m.	3 p	,m.	iwum.	Minimum.	I <b>⊱</b> ≓	e co	al Rainfall
	Barom. Att. Barom. Therm.				D.	w.	D.	w.	Maxim	Min	Highest Bulb in	Lowest T mometer	Total
Means	in. 30·194	79 2 €	in. 30·166	80.5	79°1	76·1	88°·4	78.9	<b>90</b> .	72.1	152.9	71.5	in. 8·79

Highest reading of Barometer as read (on 17th)—30°240 inches.
Lowest ,, ,, ,, (,, 4th)—30.094 ,,
Mean daily reading of Barometer, corrected and reduced to 32° F.—30.037 inches
Highest reading of Maximum Thermometer (on 8th)- 94° F.
Lowest ,, ,, Minimum ,, (on 5th)—70° F.
Daily mean temperature for the month—81.00 F.
79.60 T

,, ,, dew point ,, ,, Tension of aqueous vapour----826.

Relative Humidity-72

Number of days on which rain fell-25.

Maximum rainfall in one day—1.45 inches (on 10th.)

Total Rainfall since January 1st-26.59 inches.

J. CHISNALL MOORE, Curator.

# SYNOPSIS of Meteorological Return for month of July, 1899.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		BAROM	ETER.				1	THERM	[OMETE]	es.			
	τ	Inreduced	readings		Wet	and I	Dry B	ulbs.			em. Blkd. racuo.	p. Ther- ground.	ıfall.
	7 a	p.m.	7 a	.m.	т. 3 р.:		xiwum.	Misimum.	E		al Rainfall		
	Barom. Att. Therm.		Barom.	Att. Therm.	D.	w.	D.	W.	Max	Min	Highest Bulb in	Lowest T mometer	Total
Moans	in. 30:129	79°5¶	in. 30·140	87 <sup>.</sup> 8	79.6	76·7	86·8	79°9	88 <sup>-</sup> 7	<b>72</b> ̂∙6	162	72.7	in. 7·30

Highest reading of Barometer as read (on 3rd)—30·186 inches.

Lowest ,, ,, ,, ,, (,, 14th)—30.076 .,

Mean daily reading of Barometer, corrected and reduced to 32° F.-30.007 inches.

Highest reading of Maximum Thermometer (on 29th)- 91° F.

Lowest ,, ,, Minimum ,, (on 26th)—69° F.

Daily mean temperature for the month-80.60 F.

" " dew point " " " —75° F.

Tension of aqueous vapour—'868.

Relative Humidity—76

Number of days on which rain fell-29.

Maximum rainfall in one day-73 inches (on 14th.)

Total Rainfall since January 1st-33.89 inches.

J. CHISNALL MOORE, Curator.

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# SYNOPSIS of Meteorological Return for month of August, 1899.

Station—Botanic Garden. St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		Baron	THERMOMETERS.										
	τ		Wet	and	Dry B	ulbs.			. <b>Bik</b> d.	p. Ther- ground.	<b>1</b> 11.		
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		imum.	Minimum.	sst Tem. B in vacuo	Tem or ou	l Rainfall
	Barom.	Att. Therm.	Barom,	Att. Therm.	D.	w.	D.	w.	Maxi	Min	Highest Bulb in	Lowest T mometer	Total
Means	in. 30·097	79-2	in. 30·103	87 <sup>.</sup> 8	79.4	76.7	87°2	80°5	88 <sup>c</sup> ·4	7 <b>2</b> ·7	150∙2	72.5	in. 17·33

Highest reading of Barometer as read (on 2nd)—30·164 inches.

Lowest ,, ,, ,, ,, (,, 7th)—29.972 ,,

Mean daily reading of Barometer, corrected and reduced to 32° F.—29.970 inches.

Highest reading of Maximum Thermometer (on 16th)- 92.5° F.

Lowest ,, ,, Minimum ,, (on 16th)—690 F.

Daily mean temperature for the month—80.60 F.

,, ,, dew point ,, ,, ,, -75.6° F.

Tension of aqueous vapour—882.

Relative Humidity-78.

Number of days on which rain fell-30.

Maximum rainfall in one day-6.92 inches (on 30th.)

Total Rainfall since January 1st-51-22 inches.

J. CHISNALL MOORE,



# SYNOPSIS of Meteorological Return for month of September, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

	BAROMETER.					THERMOMETERS.								
	Į	Jnreduced	Wet	and I	Ory B	ulbs.			, Blkd. uo.	on ground.	fall.			
	7 a.m.		3 р.т.		7 a.m.		3 p.m.		imum.	Misimum.	Highest Tem. Bulb in vacuo.	-	l Rainfall	
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.	Maxi	Min	High Bulb	Lowest T mometer	Total	
Means	in. 30·110	77.8	in. 30.099	88.5	78.2	76·3	87°·8	80°-6	89.8	7η7	150-2	71 <sup>°</sup> 3	in. 8.62	

Highest reading of Barometer as read (on 5th)-30.206 inches.

Lowest ", ", ", ", (", 28th)—30.000 ", Mean daily reading of Barometer, corrected and reduced to 32° F.—29.977 inches.

Highest reading of Maximum Thermometer (on 2nd)- 93.50 F.

Lowest ,, ,, Minimum ,, (on 27th)—68° F. Daily mean temperature for the month—80.7° F.

,, ,, dew point ,, ,, Tension of aqueous vapour—882.

Relative Humidity-78.

Number of days on which rain fell-18.

Maximum rainfall in one day—1.41 inches (on 29th.)

Total Rainfall since January 1st-59.84 inches.

J. CHISNALL MOORE,



# SYNOPSIS of Meteorological Return for month of October, 1899.

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		BARON	THERMOMETERS.										
	τ	Inreduced	Wet and Dry Bulbs.						em. Blkd.	p. Therground.	fall.		
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maxiwum.	Mivimum.	<del>[</del> ]	Tem er on	al Rainfall
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	W.	Max	Min	Highest Bulb in	Lowest T mometer	Total
Means	in. 30·054	75°9	in. 30·041	85 <sup>.</sup> 7	76.8	75.1	85°.7	80.1	87 <sup>-</sup> 6	78∙6	1495	7წ∙2	in. 7.00

Highest reading of Barometer as read (on 10th)-30.128 inches.

Lowest " " " (" 21st)—29.968 " [ Mean daily reading of Barometer, corrected and reduced to 32° F.—29.912 inches.

Highest reading of Maximum Thermometer (on 14th & 15th)—90.0 F.

Lowest ,, ,, Minimum ,, (on 26th)—67.5° F. Daily mean temperature for the month—79.1° F.

" —75·2° F. " dew point 33 33

Tension of aqueous vapour 868.

Relative Humidity -. 83.

Number of days on which rain fell-25.

Maximum rainfall in one day—2.00 inches (on 8th.)

Total Rainfall since January 1st-66.84 inches.

J CHISNALL MOORE,



# SYNOPSIS of Meteorological Return for month of November, 1899

Station-Botanic Garden, St. Lucia.

Long. 60° 59′ 49′′ W. Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft.

		BAROM	ETER.	A STATE OF THE STA	Thermometers.								
	Unreduced readings.					and I	Dry B	ulbs.			em. Blkd. vacuo.	p. Ther- ground.	ıfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		kimum.	Minimum.	E-i	<b>a</b> 8	al Rainfall
	Barom.	Att. Therm,	Barom.	Att. Therm.	D.	W.	D.	w.	Max	Min	Righest Bulb in	Lowest T mometer	Total
<b>Mea</b> ns	in. 30·064	77-1	in. 30 038	85·	77 <sup>©</sup> 6	<b>7</b> 6∙	85.1	79 6	86·1	7η8	147.4	71.2	in. 11-81

Highest reading of Barometer as read (on 8th)-30.146 inches.

Lowest " " (" 19th)—29.970 " Mean daily reading of Barometer, corrected and reduced to 32° F.—29.916 inches.

Highest reading of Maximum Thermometer (on 5th)-87.50 F.

Daily mean temperature for the month—78.90 F.

""", dew point "", —75.4° F.

Tension of aqueous vapour .200

Tension of aqueous vapour 882.

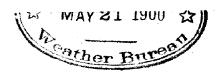
Relative Humidity-.81.

Number of days on which rain fell-24.

Maximum rainfall in one day-3.71 inches (on 6th.)

Total Rainfall since January 1st-78.65 inches.

J CHISNALL MOORE, Curator.



# SYNOPSIS of Meteorological Return for month of December, 1899

Station-Botanic Garden, St. Lucia.

Lat. 14° 0′ 56′′ N. Height above Sea level, 10 ft. Long. 60° 59′ 49′′ W.

-		Baron	THERMOMETERS.										
	Unreduced readings.					and ]	Dry B	ulbs	3		Radiation in vacuo.	p. on	fall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maximum.	Minimum.	Bulb	st Temp.	al Ruinfall
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	w.	D.	W.	Max	Min	Solar Blk.	Lowest	Total
Means	in. 30·067	78.4	in. 30-052	82.5	73°9	72̂∙6	82°·4	76.8	83·5	68.5	146.3	67∙5	in. 5·99

Highest reading of Barometer as read (on 6th)-30.148 inches.

Lowest ", ", ", (,, 4th)—29.972 ",

Mean daily reading of Barometer, corrected and reduced to 32° F.—29.947 inches.

Highest reading of Maximum Thermometer (on 2nd)-86.50 F.

" Minimum (on 15th)—61·5° F.

Daily mean temperature for the month—76.0 F.

Tension of aqueous vapour—798.
Relative Humidity—.78.

Number of days on which rain fell-20.

Maximum rainfall in one day—2.34 inches (on 23rd.)
Total Rainfall since January 1st—84.64 inches.

J. CHISNALL MOORE, Curator.