METEOROLOGICAL OBSERVATIONS,

1922.

Meridian of longitude adopted for calculation of time adopted as standard in the Colony ... ... 61°. 45′. 57″ W.

Hours slow of Greenwich mean time ... ... 4 hrs. 7 mins.

Oversize
QC
987
.G84
M48
1922

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LASON
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Beltsville, MD 20704-1387
March 28, 2002

1922

STATION—RICHMOND HILL. Lat. 12°.5′.2″. N. Long. 61°.45′.55″. W. H=507 ft.

Months.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	6 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	6 p.m.	Mean.	9 a.m.	6 p.m.	Mean.
					Min.	Max.	Min.	Date.	Max.	Date.						
January ...	29.613	77.0	82.0	79.0	73.0	83.0	70.0	S.D	86.0	S.D	.712	.714	·713	74.0	77.0	75.0
February ...	29.647	77.0	80.0	78.0	71.0	81.0	70.0	S.D	85.0	S.D	.704	.699	·701	73.0	77.0	75.0
March ...	29.659	77.0	80.0	78.0	72.0	82.0	68.0	11th	87.0	S.D	.699	.686	·692	72.0	76.0	74.0
April ...	29.674	78.0	81.0	79.0	73.0	83.0	69.0	1st	87.0	22nd	.698	.713	·705	68.0	75.0	71.0
May ...	29.642	79.0	82.0	80.0	74.0	84.0	72.0	1st	86.0	S.D	.742	.735	·738	74.0	75.0	74.0
June ...	29.646	79.0	81.0	80.0	74.0	84.0	72 0	S.D	87.0	3rd	.767	.775	·771	75.0	79.0	77.0
July ...	29.665	79.0	83.0	81.0	74.0	84.0	71.0	27th	88.0	31st	.778	.766	·772	75.0	78.0	76.0
August ...	29.601	80.0	83.0	81.0	75.0	85.0	71.0	3rd	88.0	S.D	.790	.772	·781	74.0	77.0	75.0
September ...	29.590	80.0	83.0	81.0	75.0	85.0	72.0	24th	88.0	S.D	.829	.798	·813	79.0	79.0	79.0
October ...	29.566	80.0	83.0	81.0	74.0	85.0	71.0	S.D	90.0	31st	.800	.744	·772	78.0	78.0	78.0
November ...	29.554	79.0	82 0	80.0	74.0	84.0	72 0	S.D	90.0	3rd	.788	.754	·771	74.0	78.0	76.0
December ...	29.631	78.0	81.0	79.0	73.0	82.0	71.0	S.D	85.0	S.D	.705	.683	·694	72.0	74.0	73.0
Year ...	29.624	79.0	82.0	80·0	73.0	83.0	71.0	...	87.0	...	.751	.737	·744	74.0	77.0	75.0

H =Height above mean sea level.

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

Months.	Amount of Cloud.			Rainfall.			Weather. No. of days of						Wind. No. of Observations of								
	9 a.m.	6 p.m.	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	4	4	6.24	1.65	17th	22	...	...	27	4	...	...	27	14	7	...	...	...	...	...
February ...	4½	5	4¾	5.07	0.76	20th	24	...	...	26	2	...	...	15	27	4	...	2	...	...	...
March ...	5½	4	4¾	5.16	1.30	2nd	21	...	1	31	...	...	...	9	36	6	1	...	1	...	...
April ...	5	5	5	1.26	0.20	29th	16	...	...	30	...	...	2	17	27	7	...	...	...	...	...
May ...	6	4	5	2.29	1.11	26th	17	...	1	29	2	...	...	12	37	10	...	...	...	...	...
June ...	6	6	6	6.30	1.18	8th	22	...	2	24	6	...	...	10	31	9	...	...	...	...	...
July ...	5	4	4½	7.15	1.13	7th	24	...	4	28	3	...	...	17	28	4	...	...	...	...	...
August ...	5	4	4½	8.85	2.32	29th	22	...	2	29	2	...	...	4	37	6	...	1	...	...	...
September ...	5	3	4	7.52	1.90	14th	22	...	6	28	2	...	...	4	28	9	...	...	...	...	...
October ...	5	3	4	5.53	1.82	16th	19	...	1	30	1	...	...	8	31	7	...	...	...	...	...
November ...	5	4	4½	5.45	1.25	23rd	22	...	3	29	1	...	...	5	21	7	...	...	...	...	...
December ...	5	4	4½	5.53	1.16	16th	19	...	...	31	...	...	1	15	23	4	1	1	...	...	...
Means ...	5	4	4½	5.53	1.31	...	21	...	2	28	2	...	...	12	28	7	...	...	...	...	...

ht.=Height of the Therms. above the ground in feet. *hr.*=Height of the Raingauge above the ground in feet.

6635

M. O. Form 3212.
Temperature Scale used below Fahrenheit.

SUMMARY OF OBSERVATIONS AT FIXED HOURS.

Year 1922.

Station—Richmond Hill, Grenada, B. W. Indies. Lat. 12° 5′ 2″ N. Long. 61° 45′ 55″ W.

Hours of Observation I.—9 A.M., 9 h. II.—6 P.M., 18 h.

	Barometer.	Stevenson's Screen.	Raingauge.	Anemoter.
Height above M. S. L. ...	Cistern 509 ft.	Site 507 ft.	Site 507 ft.	Head 520 ft.
Height above ground ...	... ... 5 ft.	Bulbs 5 ft.	Rim 2 ft.	Head 13 ft

1922.	Mean Pressure. At Station Level at hours of Observation.	Mean Pressure. Deg's from Normal.	Temperature. I.	Temperature. II.	Humidity. Depression of Wet Bulb. I.	Depression of Wet Bulb. II.	Vapour Pressure. I.	Vapour Pressure. II.	Percentage. I.	Percentage. II.	Amount of Cloud 0-10. I.	Amount of Cloud 0-10. II.	Number of days of Clear sky.	Number of days of Over-cast.	Wind Force 8 and above.	Strong Wind (4·7).	Wind. No. of Observations. Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
January ...	29,613	...	77.0	82.0	5.0	5.0	.712	.714	74.0	77.0	4	4	27	4	...	1	14	...	27	14	7	...	...	...	...
February ...	29.647	...	77.0	80.0	5.0	4.0	.704	.699	73.0	77.0	4½	5	26	2	...	...	8	...	15	27	4	..	2	...	...
March ...	29.659	...	77.0	80.0	6.0	5.0	.699	.686	72.0	76.0	5½	4	31	...	...	2	9	...	9	36	6	1	...	1	...
April ...	29.674	...	78.0	81.0	6.0	4.0	.698	.713	68.0	75.0	5	5	30	...	...	...	7	2	17	27	7	...	...	...	...
May ...	29.642	...	79.0	82.0	5.0	5.0	.742	.735	74.0	75.0	6	4	29	2	...	...	3	...	12	37	10	...	...	...	...
June ...	29.646	...	79.0	81.0	5.0	4.0	.767	.775	75.0	79.0	6	6	24	6	...	...	10	...	10	31	9	...	...	...	...
July ...	29.665	...	79.0	83.0	5.0	5.0	.778	.766	75.0	78.0	5	4	28	3	...	...	12	...	17	28	4	...	...	...	...
August ...	29.601	...	80.0	83.0	5.0	5.0	.790	.772	74·0	77.0	5	4	29	2	...	...	14	...	4	37	6	...	1	...	...
September ..	29.590	...	80.0	83.0	4.0	4.0	.829	.798	79.0	79.0	5	3	28	2	...	...	19	...	4	28	9	...	...	...	...
October ...	29.566	...	80.0	83.0	4.0	4.0	.800	.744	78.0	78.0	5	3	30	1	...	.	16	...	8	31	7	...	...	...	...
November ...	29.554	...	79.0	82.0	5.0	4.0	.788	.754	74.0	78.0	5	4	29	1	...	...	27	...	5	21	7	...	...	...	...
December ...	29.631	...	78.0	81.0	6.0	5.0	.705	.683	72.0	74.0	5	4	31	...	...	...	17	1	15	23	4	1	1	...	...
Total ...	355.448	...	743.0	981.0	61.0	54.0	9.012	8.839	888.0	923.0	61	50	342	23	...	3	156	3	143	340	80	2	4	1	...
Means ...	29.624	...	79.0	82.0	5.0	4.0	.751	.737	74.0	77.0	5.0	4.0	28	2	...	...	13.0	...	12.0	28.0	7.0	...	...	...	...

Form 3211.

CLIMATOLOGICAL SUMMARY.

STATION.—RICHMOND HILL, GRENADA, B. WEST INDIES.

Lat. 12° 5′ 2″ N. Long. 61° 45′ 55″ W. Observations at 9 h, and 18 h. Temperatures for 24 hours ending 18 h.

Height {of rain guage above mean sea level} H 507 ft. Heights {above ground} Therms. $^{h}_{t}$ = 509 ft., Sun Recorder, $^{h}_{s}$ = Nil. ft., Rain gauge, $^{h}_{r}$ = 507 ft.

1922.	Air Temperature in Degrees Fahrenheit.													Rainfall.				Weather, No. of days of								Bright Sunshine.			
	Means of		Max. & Min. combined.	Diff from Normal.	Absolute Extremes.								Highest Wet Bulb.					Precipitation.	Diff from Normal.	Snow.	Hail.	Thunder Storms.	Fog.	Ground Frost.	Total force 8 or more.	Daily Mean.	Total.	Per cent.	Total possible.
	Max.	Min			Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.		Total.	Diff from Normal.	Max.	Day.												
January ...	83·0	73·0	156·0	10·0	86·0	S.D.	70·0	S.D.	77·0	17th	79·0	6th	76·0	6·24	...	1·65	17th	...	...	...	...	...	...	...	...	9½	298	...	310
February ...	81·0	71·0	152·0	10·0	85·0	S.D.	70·0	S.D.	78·0	S.D.	74·0	S.D.	75·0	5·07	...	0·76	20th	...	...	...	...	...	...	...	...	9	266	...	280
March ...	82·0	72·0	154·0	10·0	87·0	S.D.	68·0	11th	76·0	3rd	74·0	18th	75·0	5·16	...	1·30	2nd	...	...	...	...	1	...	...	...	9½	300	...	310
April ...	83·0	73·0	156·0	10·0	87·0	22nd	69·0	1st	80·0	5th	75·0	25th	75·0	1·26	...	0·20	29th	...	...	...	...	...	...	...	...	9½	288	...	300
May ...	84·0	74·0	158·0	10·0	86·0	S.D.	72·0	1st	81·0	S.D.	75·0	S.D.	76·0	2·29	...	1·11	26th	...	...	...	...	1	...	...	...	9	282	...	310
June ...	84·0	74·0	158·0	10·0	87·0	3rd	72·0	S.D.	80·0	8th	76·0	S.D.	76·0	6·30	...	1·18	8th	...	...	...	...	2	...	...	...	8½	264	...	300
July ...	84·0	74·0	158·0	10·0	88·0	31st	71·0	27th	80·0	1st	76·0	15th	77·0	7·15	...	1·13	7th	...	...	...	...	4	...	...	...	9	286	...	310
August ...	85·0	75·0	160·0	10·0	88·	S.D.	71·0	3rd	79·0	29th	78·0	1st	78·0	8·85	...	2·32	29th	...	...	...	...	2	...	...	...	9	274	...	310
September ...	85·0	75·0	160·0	10·0	88·0	S.D.	72·0	24th	83·0	S.D.	77·0	S.D.	79·0	7·52	...	1·90	14th	...	...	...	...	6	...	...	...	9½	284	...	300
October ...	85·0	74·0	159·0	11·0	90·0	31st	71·0	S.D.	81·0	S.D.	76·0	S.D.	78·0	5·53	...	1·82	16th	...	...	...	...	1	...	...	...	9½	296	...	310
November ...	84·0	74·0	158·0	10·0	90·0	3rd	72·0	S.D.	80·0	S.D.	76·0	S.D.	79·0	5·45	...	1·25	23rd	...	...	...	...	3	...	...	...	9	280	...	300
December ...	82·0	73·0	155·0	9·0	85·0	S.D.	71·0	S.D.	78·0	16th	75·0	S.D.	75·0	5·53	...	1·16	16th	...	...	...	...	...	...	...	...	9½	294	...	310
Totals ...	1002·0	882·0	1884·0	120·0	1047·0	...	840·0	...	953·0	...	911·0	...	919·0	66·35	...	15·78	...	...	...	...	...	20	...	...	...	110½	3412	...	3650
Means or Extremes...	83·0	73·0	157·0	10·0	87·0	...	71·0	...	79·0	...	76·0	...	77·0	5·53	...	1·31	...	...	...	...	...	2·0	...	...	...	9	284	...	304