M.O.M.152/49.

SECTION 29

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1949

BARBADOS

METEOROLOGICAL OBSERVATIONS
1949

Meridian of longitude adopted for calculation of time adopted as Standard in the Colony ——60th

Hours slow of Greenwich mean time——4

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March 28, 2002

METEOROLOGICAL OBSERVATIONS, 1949

Station—Government Meteorological λ = 59° 35′ 57″ W. φ = 13° 7′ 36″ N. H. = 181 ft. Hb. = 190 ft.

Months	*Mean Pressure Reduced to 32 °F., Lat. 45° and M.S.L.	Air Temperature °F								Tension of Vapour			Relative Humidity		
		Dry Bulb		Means of		Absolute max. and Min.									
		8	4	Max	Min	Max.	Date	Min.	Date	8	4	Mean	8	4	Mean
January ...	29·953	75·1	80·1	82·5	67·0	84·0	30th	60·5	11th & 15th	·658	·600	·629	75·9	58·5	67·2
February	29.974	77·0	80·7	83·8	70·2	85·5	11th 26th 27th 28th	65·0	11th	·649	·622	·635	70·5	59·7	65·1
March ...	29·945	78·3	82·4	85·3	70·3	86·5	12th 19th 25th	66·0	10th	·657	·604	·630	68·2	55·2	61·7
April ...	29·990	79·5	83·1	86·0	71·1	87·5	5th 24th 30th	67·5	28th	·670	·636	·653	66·7	56·3	61·5
May ...	29·959	81·6	83·6	87·1	74·0	89·0	28th	71·0	7th	·713	·666	·689	66·2	57·6	61·9
June ...	29·977	81·4	83·5	86·2	74·3	88·0	7th & 8th	71·0	20th	·746	·716	·731	69·9	63·6	66·7
July ...	29·977	81·0	83·8	85·9	74·2	87·5	28th 29th	70·0	20th	·779	·726	·752	73·8	62·8	68·3
August ...	29·936	82·0	84·1	86·8	74·5	88·5	2nd 13th 24th	71·0	17th	·786	·753	·769	72·2	64·9	68·5
September	29·930	81·1	83·1	86·2	73·0	88·0	20th	70·5	1st & 21st	·840	·785	·812	79·4	69·8	74·6
October ...	29·912	81·1	81·6	85·5	72·7	88·5	3rd	70·5	20th	·837	·806	·821	79·1	75·1	77·1
November	29·885	79·7	81·0	84·1	72·1	86·5	4th	68·5	2nd	·771	·748	·759	76·1	70·7	73·4
December	29·870	77·8	80·0	82·9	71·3	85·5	19th & 20th	66·0	16th	·736	·718	·727	77·4	70·1	73·7
Year	29·942	79·6	82·2	85·2	72·0	89·0	28th May	60·5	11th & 15th January	·737	·698	·717	72·9	63·7	68·3

λ = The longitude of the station. φ = The latitude of the station H = Height above mean sea level.
Hb. = Height of barometer cistern above mean sea level

* Hours of observation: 9 a.m. and 3 p.m.

METEOROLOGICAL OBSERVATIONS, 1949

ht. = 4 ft. *hr.* = 1 ft. Government Meteorological Station.

Months	Amount of Cloud			Rainfall (Inches)			Weather No. of days of				Wind No. of Observations of									Daily Mean Sunshine (hours)
	8	4	Mean	Total	Maximum	Date	Rain	Clear Sky	Overcast	Gale	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Calm	
January ...	5·1	5·3	5·2	0·56	0·14	21st.	10	...	...	...	3	23	34	...	...	...	1	1	...	9·1
February	5·7	6·5	6·1	1·03	0·27	14th	10	...	1	...	...	12	42	2	...	...	...	...	...	9·3
March ...	5.7	6·6	6·1	0·68	0·15	19th	10	...	...	...	...	3	56	1	2	...	...	...	...	8·6
April ...	6·6	6·8	6·7	1·18	0·33	13th	12	...	3	...	...	...	58	2	...	...	...	...	...	9·5
May ...	6·3	6·9	6·6	2·69	0·64	29th & 30th	12	...	3	...	...	2	56	3	1	...	...	...	...	9.6
June ...	7·0	7·2	7·1	4·56	1·26	19th	17	...	5	...	...	4	53	3	...	...	...	...	...	8·6
July ...	6·4	6·9	6·6	3·09	0·66	18th	20	...	3	...	...	5	47	10	...	...	...	...	...	8·7
August ...	6·5	7·2	6·8	15·86	8·00	31th	15	...	5	...	1	8	43	5	3	2	...	...	...	8·2
September	6·6	7·1	6·9	11·66	4·74	20th	18	...	6	...	...	4	38	13	4	...	1	...	1	7·3
October ...	7.1	7·8	7·5	12·66	2·77	30th	21	...	11	...	1	3	38	10	6	2	1	1	2	6·8
November	6·1	6·0	6·0	2·42	1·04	4th	16	...	1	...	...	13	33	7	4	1	1	1	1	8·4
December	6·7	7·4	7·0	2·42	·95	2nd	16	...	9	...	5	12	33	2	3	...	1	6	3	6·7
Year	6·3	6·8	6·5	58·81	8·00	31st August	177	...	47	...	10	89	531	58	23	5	5	9	7	8·4

ht. = Height of the thermometer above the ground in feet. *hr.* = Height of the raingauge above the ground in feet.