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MONTHLY WEATHER SUMMARY

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LIST OF STATIONS

COUNTRY	STATION	LAT. ° 'N	LONG. ° 'W	ALT. ft.	Synop. Obs.	Temp.	Humidity	Wind sp.& dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil temp.	Sunshine
					MEASUREMENTS TAKEN									
Trinidad	Centeno.	10 35	61 20	50		x	x		x	x	x	x	x	
	Penal Agr. Stn.	10 10	61 28	25		x	x		x	x	x	x		x
	Piarco Airport.	10 35	61 21	41	x	x	x	x	x	x	x	x		x
	St. Augustine, U.W.I.	10 38	61 24	52		x	x		x	x	x	x	x	x
Tobago	Crown Point Airport.	11 09	60 50	9	x	x	x	x		x	x	x		x
	Louis d 'Or.	11 15	60 34	40		x	x		x	x		x		
Grenada	Mirabeau.	12 08	61 49	450		x	x		x	x	x	x		x
	Mt. Horne.	12 09	61 39	500		x				x				
	Pearls Airport.	12 09	61 37	22	x	x	x			x				
Barbados	Husbands, CMI.	13 08	59 37	370		x	x	x	x	x	x	x	x	x
	Seawell Airport.	13 04	59 29	183	x	x	x	x		x	x			x
St. Vincent	Arnos Vale Airport.	13 09	61 13	30	x	x	x			x				
	Camden Park.	13 10	61 15	15		x	x		x	x	x	x		x
St. Lucia	Beausejour Agr. Stn.	13 45	60 57	75		x	x		x	x	x	x		x
	Roseau, Winban.	13 56	61 02			x				x				x
	Vigie Airport.	14 01	61 00	7	x	x	x	x		x				

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COUNTRY	STATION	LAT. o 'N	LONG. o 'W	ALT. ft.	Synop. Obs.	Temp.	Humidity	Wind sp.& dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil temp.	Sunshine
					MEASUREMENTS TAKEN									
Dominica	Melville Hall Airport.	15 33	61 18	43	x	x	x	x		x				x
	Roseau Cent. Livestock Farm.	15 18	61 23	220		x	x		x	x	x	x	x	x
Montserrat	Grove.	16 43	62 13	150		x	x			x				
Antigua	Antigua Sugar Factory.	17 07	61 48	25		x	x		x	x	x	x		x
	Coolidge Airport.	17 08	61 47	26	x	x	x	x		x				
	Dunbars	17 09	61 50	220		x	x			x				
St. Kitts & Nevis	La Guerite	17 18	62 44	160		x	x		x	x	x	x		
Br. Virgin Is.	Beef Is. Airport.	18 26	64 32	25	x	x	x			x				
	Paraquito Bay.	18 25	64 35	50		x	x		x	x				x
Jamaica	Bernard Lodge.	17 58	76 56	55						x	x			
	Bodles.	17 55	77 08	60						x	x			x
	Cedar Valley.	17 59	76 35	1980		x	x		x	x				
	Chapelton, Clarendon Coll.	18 05	77 17	650		x	x			x				

/ct'd.....

JAMAICA STATIONS CONTD.

COUNTRY	STATION	LAT. ° 'N	LONG. ° 'W	ALT. ft.	Synop Obs.	Temp.	Humidity	Wind sp.& dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil temp.	Sunshine
					MEASUREMENTS TAKEN									
Jamaica	Cinchona Hill Gdns.	18 04	76 39	4895		x	x			x				
	Dallas.	17 59	76 42	950		x	x			x				
	Duckenfield.	17 55	76 15	60		x	x			x				
	East Albion Nursery.	17 53	76 35	90		x	x			x				
	Empire Nursery.	18 02	76 39	2130		x	x			x				
	Farm Hill.	18 03	76 38	4020		x	x		x	x		x		
	Frome.	18 18	78 09	90		x	x			x				
	Grove Place.	18 07	77 31	1600		x	x		x	x	x	x		x
	Halls Delight.	18 03	76 40	3020		x	x		x	x		x		
	Hope Gdns.	18 01	76 45	710		x	x			x				
	Irwin.	18 27	77 53	80		x	x			x				
	James Hill.	18 10	77 20	2000		x	x			x				
	Kingston, St. Georges Coll.	17 59	76 47	90		x	x			x				
	Marshalls Pen.	18 03	77 32	2300		x	x	x		x				
	Mason River Field.	18 11	77 16	2300		x	x			x				
	Montego Bay Airport.	18 30	77 55	5	x	x	x	x	x	x		x		x
	Monymusk.	17 48	77 16	30		x	x			x				
	Morant Point L.H.	17 55	76 11	5	x	x	x	x		x				

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JAMAICA STATIONS CONTD.

COUNTRY	STATION	LAT. ° 'N	LONG. ° 'W	ALT. ft.	Synop. Obs.	Temp.	Humidity	Wind sp.& dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil temp.	Sunshine
					MEASUREMENTS TAKEN									
Jamaica	Negril Point L.H.	18 15	78 22	25	x	x	x			x				
	Orange River.	18 15	76 53	950		x	x		x	x	x	x		x
	Palisadoes Airport.	17 56	76 47	10	x	x	x	x	x	x	x	x		x
	Pembroke Hall.	18 18	76 59	700		x	x			x				
	Richmond Est.	18 27	77 15	120		x	x			x				
	Smithfield.	18 24	78 06	925		x	x		x	x	x	x	x	x
	Spanish Town.	18 00	76 56	70		x	x			x				
	Top Mountain.	18 05	76 40	3550						x	x			
	Worthy Park.	18 08	77 09	1250		x	x			x				x
Cayman Is.	Grand Cayman Airport.	19 17	81 22	20	x	x	x	x		x				
Br. Honduras	Belize Airport.	17 32	88 18	17	x	x	x	x		x				x
Guyana	Bartica Potaro Road.	05 37	58 53	400		x	x			x				
	Ebini.	05 34	57 47	60		x	x			x	x			x
	Georgetown Bot. Gdn.	06 48	58 09	5	x	x	x	x	x	x	x	x	x	x
	Hosororo.	08 10	59 48	300		x	x			x				
	Mabaruma	08 12	59 47	185	x	x	x	x		x				

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GUYANA STATIONS CONTD.

COUNTRY	STATION	LAT. ° 'N	LONG. ° 'W	ALT. ft.	Synop. Obs.	Temp.	Humidity	Wind sp.& dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil temp.	Sunshine
					MEASUREMENTS TAKEN									
Guyana	Mahaicony Abary R.D.S.	06 28	57 46	5		x	x			x	x			x
	Matthews Ridge.	07 31	60 10	350		x	x			x	x			
	Mazaruni Prison.	06 24	58 39	45		x	x			x				x
	Mon Repos.	06 47	58 03	10		x	x			x				x
	New Amsterdam.	06 15	57 31	5		x	x			x	x			
	Port Kaituma.	07 44	59 33	100		x	x			x				
	Timehri Airport.	06 30	58 15	95	x	x	x	x		x				
	Timehri Cent. Hort. Stn.	06 31	58 16	95		x	x		x	x	x		x	x
	Wauna.	08 09	59 51	100		x	x		x	x	x	x		x

NOTES ON THE OBSERVATIONS AND SUMMARIES

GENERAL

1. The station list includes some stations from which returns are sometimes delayed. Thus in any particular month summaries for a listed station may not appear in the tables. It is expected that supplementary tables, incorporating previously missed observations, will be published from time to time.

2. At synoptic stations, station elevation refers to the height of the barometer cistern above mean sea level; at other stations, it refers to the height above mean sea level of the ground on which the raingauge stands.

3. Thermometers are exposed in louvred wooden screens with their bulbs approximately 4 feet above the ground. Forced ventilation of the wet and dry bulb thermometers is not generally used.

4. At most stations the raingauge has its rim 1 foot above the ground but in Guyana this height is generally one metre. Most of the standard gauges are 5 inches in diameter; the recording gauges, usually of the tilting-syphon or natural-syphon types, are either 5 or 8 inches in diameter.

5. Local Standard Time (LST) in Belize is 6 hours behind Greenwich Mean Time (GMT); in Jamaica and the Cayman Islands, it is 5 hours behind, and in the rest of the countries, it is 4 hours behind. For some of the daily observations the unit of time is the calendar day; for others, it is the 24-hour period commencing at the time of the morning observation on that date and called the "climate day".

6. In each summary table, stations are arranged in alphabetical order within countries. The countries are arranged in geographical order commencing with Trinidad, then moving northwards and Westwards along the island chain through Jamaica and the Cayman Islands to Belize, and concluding with Guyana.

7. A blank space indicates that data are not available, or were considered unreliable.

TABLE I

1. This table gives summaries of observations made at fixed hours, LST. At synoptic stations these are the main synoptic reporting hours (00, 06, 12 and 18h GMT). At other stations there are the one or two hours at which observations are made each day.

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2. The mean dry bulb and wet bulb temperatures are the averages of the 30 or 31 (28 or 29 for February) daily values as measured at that time of day. The mean vapour pressure is similarly the average of the 30 or 31 computed daily values. On the other hand, the mean relative humidity is computed as the ratio of the mean vapour pressure to the saturation vapour pressure at the mean dry bulb temperature.

3. Barometric pressure is generally measured only at synoptic stations. The values given are the means of the 30 or 31 daily observations at that time, each reduced to mean sea level before being averaged.

4. The observation hour windspeed is generally read from an indicator, but at some stations it is taken from the anemograph chart. The average of the 30 or 31 daily values is given in this table. They must be considered as indicating only the mean speed during the month for a particular time of day, and a mean daily windspeed should not in general be calculated from them. This is particularly true of stations with only one or two hourly observation times, and at those where the four synoptic hour values indicate a significant diurnal effect.

5. Cloud cover is observed at synoptic stations and reported as the fraction of the sky (in eighths) that is occupied by cloud. The mean amount given here is the average of the 30 or 31 daily reports for that time of day. The number of days on which the sky was clear at that time of day (0 eighths), mostly clear (1, 2), partly cloudy (3-5), mostly cloudy (6, 7), or overcast (8) is given in the following columns. An entry in the column headed "9" would indicate an observation for which the sky was either partially or wholly obscured (as, for instance, by fog). It should be noted that the total number of observations in the six columns will be equal to the number of days in the month, unless an observation was missed.

6. Visibility is reported from the synoptic stations in terms of the number of miles (or yards) at which objects are clearly distinguishable. This is customarily "10 or more miles" unless some obscuring material (usually haze, smoke, fog or rain) is present in the air. Again, the total number of observations in these eight columns will be equal to the number of days in the month unless an observation was missed.

TABLE II

1. This table gives summaries of the usual daily observations. All stations listed in Table I should also have entries here. In addition, stations observing only rainfall and/or temperature extremes, will be included in Table II but not in Table I.

2. The rainfall data are from the standard raingauge at each station. The observation is taken in the morning usually at 12h G.T (i.e. at 6 to 8 A.M. LST) and is entered to the previous day. The "climate day" thus terminates at the time of the following morning's observation and not at midnight. The most

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rain in a day, the date on which it occurred, and the number of days with amounts exceeding .04, .40 and 1 inch, all refer to the "climate day".

3. Maximum and minimum temperatures are read in the morning, with the maximum being entered to the previous day. As indicated, the mean daily temperature given in this table is the average of mean maximum and mean minimum temperatures. The highest maximum and lowest minimum observed during the month are also given.

4. The grass minimum temperature is found from a thermometer exposed to the atmosphere at a height of 2 inches above the ground. As it will cool through overnight radiation loss, generally lower temperatures than those from the screened thermometers will be observed. The mean of the 30 or 31 daily values is given in the table.

5. All stations for which monthly sunshine totals are given here will normally have entries in Table VI as well.

6. At synoptic and a few other stations, the observer is asked to note the occurrence of thunder, fog, hail or gale (i.e. a mean windspeed in excess of 34 knots). The total number of calendar days during the month with such occurrences is given here. It should be emphasized that unless the station is manned continuously, these events, particularly thunder, are likely to be under-counted.

TABLE III

1. This table gives summaries of additional daily observations of importance primarily to agriculture.

2. The wind mileage data are from totalizing cup anemometers set 6 feet above the ground. The counters are read at the morning observation hour and hence both the "daily mean" and "most in a day" figures refer to the climate day rather than the calendar day. It should be noted that, as the mean hourly windspeeds calculated from these values would refer to a 6 foot height, they will be significantly lower than those means that may appear for the same stations in Table V.

3. Evaporation is usually measured using a Class A pan, a metal container, 4 feet in diameter and 10 inches deep, which is exposed on a wooden platform just above the ground. The water depth in the pan is maintained at between 7 and 8 inches, with changes in the level being measured at each morning's observation. The total water loss for the month is given in the table together with the maximum daily loss during the month and the date on which it occurred. Both these last entries refer to the climate day. Daily readings are sometimes missed when the pan is cleaned or repaired. If more than four readings in a month are missing, no total is shown, if three or four readings are missing, the total is adjusted and printed with the letter 'M' next to it, if one or two readings are missing, the adjusted total is printed but without an "M".

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4. Soil temperature extremes are read in the morning; the maxima being entered to the previous day. The mean maximum, mean minimum and extremes are given for the two depths that are most frequently instrumented at the various stations.

5. Radiation measurements are mostly from Gunn-Bellani pyranometers that are read in the morning and are entered to the previous day. While the most and least in a day will refer to the climate day, there will be little difference for solar radiation between climate and calendar days as the morning observation is generally taken shortly after sunrise.

TABLE IV

1. This table gives maximum rainfall amounts during specified periods of time, as determined from the charts of recording raingauges.

2. It is important to note that, presently, the measurement of maximum amounts at some stations is confined to single 24-hour periods (the climate, or rainfall day) while at others two daily charts may be combined when necessary for the determination of maximum amounts. These two procedures are likely to produce divergent results only for the 6 and 12 hourly periods, with the former method tending to under-record these maximum amounts.

TABLE V

1. This table gives mean windspeeds and details of the highest winds recorded at stations possessing anemographs. These figures normally relate to heights of between 30 and 60 feet above the ground.

2. For each hour during the month a mean windspeed to the nearest knot is read off the chart. The prevailing wind direction to the nearest 10° is also given. The highest speed for any clock hour is given in this table, together with the corresponding direction and time and date of occurrence.

3. The direction, speed and occurrence time of the highest gust during the month is also given. While response characteristics of the different anemographs in use varies, this will generally represent the speed over a 2-5 second averaging time.

4. The number of hours during the month in which one or more gusts occur that exceed 33, 47 and 63 knots (i.e. Beaufort force 7, 9 and 11 respectively), are given in the next three columns. These values correspond to 38, 55 and 72 miles per hour.

5. The average of all the hourly anemograph values during the month is given in the last column. At stations where the diurnal effect is relatively small, this figure and the average of the four windspeed entries for synoptic stations in Table I should be reasonably close.

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4. The number of hours during the month in which one or more gusts occur that exceed 33, 47 and 63 knots (i.e. Beaufort force 7, 9 and 11 respectively), are given in the next three columns. These values correspond to 38, 55 and 72 miles per hour.

5. The average of all the hourly anemograph values during the month is given in the last column. At stations where the diurnal effect is relatively small, this figure and the average of the four windspeed entries for synoptic stations in Table I should be reasonably close.

TABLE VI

1. This table gives summaries of the hourly and daily amounts of sunshine, measured by Campbell-Stokes sunshine recorders. The time scale produced by the recorder and used here is centred on solar noon and is referred to as local apparent time (LAT). Except for the Cayman Islands, local apparent time does not differ from the local standard time by more than ± 10 minutes on average.

2. During each hour the amount of direct sunshine is measured in tenths of an hour. The mean duration figures given here are the averages of the 30 or 31 daily values for that hour; as they are in hundredths, they can also be considered as giving directly the percentage of time that the sun shone for each hour during the day.

3. The total duration in hours will be equal to the sum of the previous columns times the number of days in the month. It is also expressed as a percentage of the maximum amount possible, based on the stations' latitude and the season.

4. The most sunshine in any day and the date of occurrence are given; where two or more days are tied for maximum, only the earlier date is listed.

5. The number of days with sunshine amounts in different ranges is given in the last part of the table. The sum of the entries here should equal the number of days in the month. Where they do not, it indicates that one or more values have been missed; provided that fewer than 6 days are missing, the monthly total duration will have been adjusted to represnt the whole month.

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JAN 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0-440	440-1,100	1,100-2,200	miles 1/4-2	2-3	3-5	5-10	10 or more
TRINIDAD																							
GENTENO	50	08	75·4	73·4	27·0	90		3·2															
PENAL AG STATION	26	08	72·3	71·3	25·7	95		2·5															
PIARCO AIRPORT	41	02	71·4	70·1	24·6	94	1012·1	1·8	3·2	3	12	10	5	1	0	0	0	0	0	0	0	4	27
		08	74·3	72·1	26·0	90	1013·4	2·6	4·2	0	14	2	15	0	0	0	0	0	0	0	0	3	28
		14	83·9	74·8	25·5	64	1011·7	12·1	5·2	0	5	12	14	2	0	0	0	0	0	1	0	6	24
PIARCO AIRPORT	41	20	75·0	72·5	26·1	88	1012·4	1·7	3·2	0	18	7	4	2	0	0	0	0	0	0	1	4	26
ST AUGUSTINE UWI	52	08	76·3	72·7	25·9	84	1013·7		4·2	0	11	9	8	3	0								
		16	82·5	74·1	25·1	66	1011·6	1·7	5·4	0	0	16	12	3	0								
TOBAGO																							
CROWN POINT AIRP	9	02	74·9	71·9	25·4	86	1012·5	4·6	3·3	2	13	4	7	0	0	0	0	0	0	0	0	3	23
		08	77·8	73·6	26·5	82	1013·9	6·3	5·0	0	7	7	16	1	0	0	0	1	0	0	0	9	21
		14	83·0	76·2	27·8	72	1012·1	12·3	4·4	0	8	10	13	0	0	0	0	0	0	0	0	9	22
		20	76·0	72·6	25·8	84	1013·1	4·7	3·8	0	13	9	5	0	0	0	0	0	0	0	0	3	24
LOUIS D/OR	40	08	79·0	74·5	27·1	80		2·1															
GRENADA																							
MIRABEAU	450	08	77·8	76·2	30·1	93			5·7	0	1	9	19	2	0								
		16	78·0	76·2	30·0	92			6·2	0	0	8	21	2	0								
MOUNT HORNE	500	08	77·0	73·7	27·0	85																	
BARBADOS																							
HUSBANDS OMI	370	08	76·2	71·7	24·5	80	1014·9	8·3	3·5	0	11	14	6	0	0	0	0	0	0	0	0	3	28
		14	80·8	72·6	23·7	66	1012·9	10·3	4·6	0	4	17	10	0	0	0	0	0	0	0	0	2	29
SEAWELL AIRPORT	183	02	77·1	72·3	25·0	79	1013·0	10·9	3·2	0	13	14	3	1	0	0	0	0	0	0	0	0	31
		08	78·9	72·9	25·0	74	1014·6	15·6	3·7	0	9	15	7	0	0	0	0	0	0	0	0	0	31
		14	82·1	73·9	25·0	67	1012·7	14·2	3·9	0	8	15	8	0	0	0	0	0	0	0	0	0	31
		20	77·8	72·6	24·9	77	1013·7	9·8	3·7	0	8	18	5	0	0	0	0	0	0	0	0	0	31
ST VINCENT																							
CAMDEN PARK	30	08	78·9	73·3	25·5	76																	
		16	81·9	74·5	25·5	69																	
ST LUCIA																							
VIGIE AIRPORT	7	08	77·6	72·7	25·3	78	1014·8	6·2	3·5	0	10	12	3	0	0	0	0	0	0	0	0	0	25

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JAN 1972

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0-440	440-1,100	1,100-2,200	miles: 1¼-2	2-3	3-5	5-10	10 or more
DOMINICA																							
MELVILLE HALL AP	43	09	78·7	72·6	24·5	73	1016·6	10·1	4·6	0	3	19	6	2	0	0	0	0	0	0	1	14	15
		14	82·2	74·4	25·3	68	1015·2	10·6	4·5	0	0	25	6	0	0	0	0	0	0	0	0	15	16
ROSEAU	220	09	78·1	73·5	26·2	80																	
MONTSERRAT																							
GROVE	150	08	77·2	71·9	24·6	77		5·5	4·5	0	5	15	10	0	1								
		16	79·0	73·1	25·0	74		6·5	3·6	0	6	21	4	0	0								
ANTIGUA																							
COOLIDGE AIRPORT	26	08	76·0	71·9	24·8	81	1016·3	12·6	3·6	0	9	16	6	0	0	0	0	0	0	0	1	1	29
		14	80·4	73·5	25·2	71	1014·8	14·1	3·6	0	6	22	3	0	0	0	0	0	0	0	0	1	30
		20	76·2	71·7	24·6	80	1015·8	12·6	3·1	0	16	9	6	0	0	0	0	0	0	0	0	1	30
DUNBARS	220	09	78·2	71·9	24·0	73																	
JAMAICA																							
BERNARD LODGE	55	08	72·7	68·9	22·6	82																	
BODLES	60	07	65·3	63·8	19·7	92																	
		13	83·1	72·8	23·3	60																	
CAENWOOD		08	80·5	79·1	33·2	94																	
		16	81·8	80·3	34·6	93																	
CEDAR VALLEY	1980	07	62·9	60·7	17·2	88																	
		13	77·7	68·9	20·2	62																	
CINCHONA GARDENS	4897	07	58·6	55·7	14·0	83																	
		16	62·6	60·5	17·1	88																	
DALLAS	950	09	71·1	68·7	22·9	88																	
DALLAS	950	15	80·2	72·8	24·5	70																	
DUCKENFIELD	60	08	75·5	71·2	24·4	81																	
EAST ALBION NURS	90	07	72·2	66·1	19·4	72																	
		13	83·0	72·1	22·1	57																	
EMPIRE NURSERY	2130	07	59·8	58·9	16·7	95																	
EMPIRE NURSERY	2130	13	77·8	69·1	20·3	62																	
FARM HILL	4020	07	59·8	55·6	13·2	75																	
		13	71·0	66·7	20·5	79																	
HALLS DELIGHT	3020	07	65·0	59·6	15·1	72																	
		13	73·2	65·9	18·6	67																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JAN 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0–440	440–1,100	1,100–2,200	miles ¼–½	½–1	1–2	2–5	5–10	10 or more
JAMAICA																								
HOPE GARDENS	712	07	64·4	61·3	17·1	83																		
IRWIN	80	08	74·0	70·8	24·3	85																		
		15	80·8	73·1	24·5	68																		
KINGSTON ST GEO	90	07	70·1	66·7	20·9	83																		
		13	83·7	74·0	24·3	62																		
MARSHALLS PEN	2300	07	61·0	58·4	15·7	86		2·9	2·1	11	12	2	4	0	2									
		13	77·7	68·4	19·7	61		5·8	4·3	1	8	9	12	0	1									
MASON RIVER FIELD	2300	07	64·4	61·4	17·3	84																		
		13	78·1	70·0	21·5	66																		
		19	64·7	62·4	18·2	88																		
MONTEGO BAY APT	3	01	72·7	69·1	22·9	84	1014·9	4·3	2·3	1	22	3	4	1	0	0	0	0	0	0	0	0	0	31
		07	72·7	69·1	22·8	83	1015·4	5·9	3·1	0	19	3	8	1	0	0	0	1	0	0	0	0	0	30
		19	81·1	73·0	24·3	67	1014·8	14·3	2·6	0	21	4	5	1	0	0	0	0	0	0	0	0	0	31
		13	75·9	71·2	24·1	79	1014·7	7·0	3·3	0	15	7	8	1	0	0	0	0	0	0	0	0	0	31
MONYMUSK	30	08	72·3	70·8	25·1	93																		
MORANT POINT LH	6	01	77·1	72·9	25·9	81		9·2	3·7	0	11	13	5	2	0									
		07	76·9	73·1	26·3	83		8·9	4·4	0	6	13	10	2	0									
		13	80·7	75·2	27·4	77		8·5	4·0	0	9	14	6	2	0									
		19	78·5	73·8	26·5	80		5·7	3·5	0	14	10	6	1	0									
NEGRIL POINT LH	27	07	71·3	67·9	21·0	80		4·3	2·2	8	16	0	4	3	0									
NEGRIL POINT LH	27	13	84·7	73·5	23·2	57		7·9	2·7	0	21	5	3	2	0									
		19	76·2	70·9	23·1	75		4·1	3·2	5	12	5	5	3	0									
ORANGE RIVER	950	08	70·4	67·9	22·3	88																		
		16	75·0	70·9	24·0	81																		
PALISADOES APT	9	01	74·7	69·3	22·2	76	1014·5	0·8	2·4	0	23	2	5	1	0									
PALISADOES APT	9	07	73·0	68·5	21·9	79	1014·8	1·0	2·6	0	23	1	5	2	0	0	0	0	0	0	0	0	31	
		13	83·7	73·4	23·6	60	1014·0	5·2	3·2	0	18	5	6	2	0	0	0	0	0	1	0	0	30	
		19	79·2	72·1	23·7	70	1014·0	4·0	2·8	0	18	8	4	1	0									
SMITHFIELD	925	08	71·8	68·3	22·3	84																		
WORTHY PARK	1250	07	63·4	62·2	18·7	94																		
		15	75·9	70·0	22·5	74																		
BELIZE																								
BELIZE AIRPORT	17	06	69·3	68·3	23·2	95	1015·5	1·6	4·0	0	14	3	10	2	1	1	2	0	0	0	0	12	35	
		12	79·7	72·6	24·7	71	1016·2	7·5	5·3	0	2	13	13	2	0	0	0	0	0	0	0	3	37	
		18	76·3	71·4	24·3	79	1014·7	3·3	3·2	0	16	6	8	0	0	0	0	0	0	0	0	3	37	

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations): yards 0—440	440—1,100	1,100—2,200	miles 1¼—2	2—3	3—5	5—10	10 or more
GUYANA																							
BARTICA POTARO RD	400	08	74·9	73·6	27·7	94																	
		14	84·1	76·9	28·4	71																	
EBINI	60	08	74·8	73·4	27·5	94	1012·5	2·2	5·4	0	5	3	19	0	0	0	0	0	0	0	1	20	6
		14	81·9	75·4	27·2	73	1009·5	10·6	6·3	0	0	8	16	2	0	0	0	0	0	0	1	12	13
FRIENDSHIP		08	75·7	74·0	28·8	95																	
FRIENDSHIP		14	82·6	75·8	27·4	72																	
GEORGETOWN BOT G	7	08	78·4	74·5	27·5	83	1012·7	5·8	5·9	0	0	11	18	2	0	0	0	0	0	0	0	20	11
		14	81·4	75·6	27·8	76	1010·9	7·8	5·5	0	3	9	17	2	0	0	0	0	0	0	0	5	26
GREAT FALLS		08	73·7	72·9	27·3	96																	
		14	80·8	77·0	30·0	84																	
HOSORORO		08	75·0	73·2	27·1	92																	
		14	82·4	75·6	27·3	72																	
KAMARANG		08	68·6	67·9	22·9	96	1015·9	0·0	6·6	0	0	5	16	9	1	0	1	0	0	0	9	20	1
		14	77·8	72·4	24·8	76	1011·9	0·9	6·6	0	0	3	25	3	0	0	0	0	0	0	0	2	29
MABARUMA	185	08	76·1	73·9	27·6	90	1012·2	2·1	4·0	0	6	16	5	2	0	0	0	0	0	0	1	0	28
MABARUMA	185	14	82·6	75·0	26·2	69	1010·1	5·9	5·5	0	2	10	15	2	0	0	0	0	0	0	0	1	28
MAHAICONY ABARY	6	08	79·0	74·2	26·7	79		5·5	4·9														
		14	84·0	78·6	31·0	78		9·6	3·6														
MAZARUNI PRISON	47	08	77·1	74·2	27·5	86																	
		14	81·0	75·7	28·0	77																	
MON REPOS		08	79·5	74·5	26·8	78																	
		14	82·2	75·1	26·5	71																	
NEW AMSTERDAM	3	08	77·9	75·0	28·3	87																	
		14	83·8	77·4	29·3	74																	
PORT KAITUMA		08	73·7	72·4	26·6	94																	
PORT KAITUMA		14	82·0	75·9	27·8	75																	
ST IGNATIUS		08	76·2	72·5	25·5	83																	
		14	85·7	75·0	25·0	60																	
TIMEHRI AIRPORT	95	02	72·4	72·1	26·7	98	1010·8	0·3	4·5	2	8	6	12	3	0	0	1	0	0	0	1	14	15
		08	75·3	74·1	28·2	94	1012·4	1·8	5·8	0	3	5	20	3	0	0	0	0	1	1	1	10	18
TIMEHRI AIRPORT	95	14	82·6	75·6	27·2	72	1010·3	8·4	6·6	0	0	4	25	2	0	0	0	0	0	0	1	5	25
		20	74·8	73·6	27·7	94	1011·1	3·1	5·4	0	4	9	16	2	0	0	0	0	0	0	1	10	20
TIMEHRI CHS		08	75·0	74·0	28·2	95																	
		14	82·4	75·9	27·7	73																	
WAUNA		08	73·3	72·7	27·1	97		1·1	4·2	0	2	15	9	1	0	0	0	0	0	0	8	15	4
		14	82·3	74·9	26·3	70		10·2	5·0	0	0	13	10	3	0	0	0	0	0	0	0	10	16

TABLE II SUMMARY OF DAILY OBSERVATIONS JAN 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	5.36	1.59	8	18	5	1	83.7	68.2	75.9	86	.62		227.3				
PENAL AG STATION	4.55	1.46	27	12	5	1	82.5	68.5	75.5	85	64		203.5				
PIARCO AIRPORT	3.35	.83	8	14	3	0	86.0	69.8	77.9	89	64		227.1				
ST AUGUSTINE UWI	2.65	.70	8	13	2	0	86.1	68.5	77.3	88	63	64.9	235.8				
TOBAGO																	
CROWN POINT APT	1.80	.67	2	9	1	0	84.9	70.4	77.6	88	66		253.5				
LOUIS D/OR	3.73	.89	30	19	2	0	82.8	75.7	79.3	86	72		242.6	2	0	0	0
GRENADA																	
MIRABEAU	3.05	.56	21	16	1	0	81.8	71.6	76.7	83	68		203.9				
MOUNT HORNE	3.15	.47	21	13	2	0	84.5			87							
BARBADOS																	
HUSBANDS CMI	2.27	.47	29	11	1	0	83.2	71.0	77.1	86	62		292.1				
SEAWELL AIRPORT	1.54	.43	8	9	1	0	83.8	73.4	78.6	86	69		285.5				
ST LUCIA																	
VIGIE AIRPORT	7.07	.88	3	17	6	0	84.2	71.4	77.8	86	69			2	0	0	0
DOMINICA																	
MELVILLE HALL AP	4.80	1.31	6	15	4	1	83.1	72.3	77.7	86	69		203.5				
ROSEAU	10.19	3.58	7	18	7	2	83.1	72.6	77.8	86	69		222.4				
MONTSERRAT																	
GROVE	4.66	.61	4	19	4	0	82.0	73.0	77.5	85	67		206.0				

TABLE II SUMMARY OF DAILY OBSERVATIONS JAN 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN $\frac{1}{2}$(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
ANTIGUA																	
COOLIDGE AIRPORT	2·86	1·04	21	11	1	1	81·4	72·3	76·8	83	67						
DUNBARS	3·75	1·97	21	12	1	1											
JAMAICA																	
BERNARD LODGE	·91	·83	1	2	1	0	87·6	63·2	75·4	90	55		264·5				
BODLES	1·84	1·13	1	5	2	1	85·5	57·2	71·4	89	54		258·3				
CAENWOOD	2·64	1·16	3	8	2	1	83·6	77·5	80·6	85	76	75·6					
CEDAR VALLEY	3·17	1·80	1	3	3	1	79·0	54·6	66·8	82	50						
CINCHONA GARDENS	3·89	2·50	1	8	2	1	67·3	53·9	60·6	72	52						
DALLAS	1·98	1·45	2	4	1	1	77·9			84							
DUCKENFIELD	4·22	2·22	1	7	3	2	82·6	68·8	75·7	85	60		230·1				
EAST ALBION NURS	2·15	1·15	1	4	2	1	85·6	63·8	74·7	89	60		242·6				
EMPIRE NURSERY	1·74	1·51	1	3	1	1	77·4	57·9	67·7	83	55						
FARM HILL	1·36	·41	11	9	1	0	71·5	53·1	62·3	75	50						
FROME	2·06	1·00	1	4	2	1	87·3	65·3	76·3	90	60		270·7				
HALLS DELIGHT	·87	·50	1	5	1	0	77·3	59·0	68·1	82	53						
HOPE GARDENS	1·28	1·23	1	2	1	1	84·8	54·6	69·7	88	50						
IRWIN	2·27	2·00	1	4	1	1	83·4	64·1	73·8	88	60						
KINGSTON ST·GEO	1·28	1·18	1	2	1	1	85·1	69·0	77·0	89	64						
MARSHALLS PEN	1·87	·73	1	5	2	0	76·5	58·1	68·3	82	52	52·5					
MASON RIVER FIELD	1·30	1·05	1	2	1	1	79·6	58·7	69·1	82	55						
MONTEGO BAY APT	3·77	2·67	1	5	2	1	80·4	69·3	74·8	85	66		244·1				
MONYMUSK	1·31	·75	1	4	1	0	86·8	64·6	75·7	90	57		242·2				
MORANT POINT LH	7·48	5·20	1	5	3	1	82·8	71·7	77·2	85	61						

TABLE II SUMMARY OF DAILY OBSERVATIONS JAN 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
JAMAICA																	
NEGRIL POINT LH	.95	.41	1	6	1	0	86.5	69.0	77.7	92	74						
ORANGE RIVER	5.47	1.52	1	9	4	4	79.2	65.4	72.3	83	56		206.1				
PALISADOES APT	1.36	1.32	1	2	1	1	85.9	71.2	78.5	90	60		250.2				
SMITHFIELD	1.65	.70	3	5	1	0	79.6	65.9	72.8	83	62		247.0				
WORTHY PARK	1.51	1.02	1	4	1	1	80.0	59.1	69.5	83	51		228.5				
BELIZE																	
BELIZE AIRPORT	3.14	.62	13	10	3	0	82.1	67.6	74.8	86	61		208.3	0	5	0	0
GUYANA																	
APOTERI	4.86	.77	15	15	3	0											
BARTICA POTARO RD	7.63	1.42	15	18	5	2	88.2	70.5	79.4	92	68						
DAWA	9.79	1.59	9	24	9	3											
EBINI	8.62	2.36	15	18	5	2	85.1	71.2	78.1	88	67		110.3	3	1	0	0
FRIENDSHIP	10.15	3.33	24	23	6	2	85.1	70.8	78.0	91	66		133.3				
GEORGETOWN BOT G	4.73	.92	8	16	4	0	83.0	75.0	79.0	85	72	70.6	165.5				
GREAT FALLS	11.11	1.43	15	26	11	2	83.1	70.5	76.8	87	68						
HOSORORO	5.90	1.39	7	17	5	1	84.7	70.5	77.6	89	68						
MABARUMA	7.70	1.14	7	17	6	2								0	5	0	0
KAMARANG	5.76	.84	5	20	7	0	80.0	66.5	73.3	83	63	64.4	99.9	2	5	0	0
MAHAICONY ABARY	2.63	.72	28	6	3	0	85.7	73.5	79.6	88	72		267.0				
MAZARUNI PRISON	7.46	1.35	31	18	7	2	85.8	71.6	78.7	89	69		124.3	1	5	0	0
MON REPOS	5.05	1.45	8	15	4	1	83.7	73.4	78.6	87	71		185.0				
NEW AMSTERDAM	15.52	10.02	20	16	5	2	84.7	73.4	79.1	87	72						
PORT KAITUMA	8.24	1.65	31	18	9	2	86.3	68.1	77.2	91	64			2	0	0	0
ST IGNATIUS	.75	.24	14	6	0	0	89.2	73.8	81.5	92	72		203.6				
TIMEHRI AIRPORT	8.96	1.56	7	14	9	4	84.7	70.8	77.7	88	67			0	5	0	0
TIMEHRI CHS	9.71	1.93	7	15	10	4	84.8	67.7	76.2	88	63	65.5					
WAUNA	5.06	.97	7	16	3	0	84.4	68.2	76.3	88	71		166.8	5	15	0	0

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JAN 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F At 2 inch depth					At 4 inch depth				TOTAL RADIATION (langleys)		
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	EXTREMES MAX	DATE	MIN	MEAN MAX	MEAN MIN	EXTREME MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	75	106	5•49	•25	29										14265	566	255
PENAL AG STATION	61	83	5•42	•27	24	90•7	73•4	96	5	71	85•7	77•5	89	75			
PIARCO AIRPORT	95	141	6•40	•30	30												
ST AUGUSTINE UWI	17	34	4•03	•20	31										11368	537	115
TOBAGO																	
CROWN POINT APT			6•15	•38	2												
LOUIS D/OR	51	75	5•52	•30	31												
GRENADA																	
MIRABEAU	87	132	5•00	•24	14	91•3	74•2	101	12	71	84•0	76•0	87	75			
BARBADOS																	
HUSBANDS CMI	119	170				79•8	72•9	82	13	71					13245	497	240
DOMINICA																	
ROSEAU	88	182	5•87M	•37	4										13939	579	53
MONTSERRAT																	
GROVE	127	198															

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JAN 1971

COUNTRY / STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
JAMAICA																	
BERNARD LODGE	59	131	5•00	•35	27												
BODLES	55	149	5•18	•28	21												
CEDAR VALLEY	31	47	4•23M	•22	7												
EAST ALBION NURS	10	33															
EMPIRE NURSERY	20	38															
FARM HILL	61	190	2•70	•18	18												
HALLS DELIGHT	31	90	4•79M	•45	8												
MONTEGO BAY AIRP	125	246	7•57	•40	30												
ORANGE RIVER	36	53															
PALISADOES APR	85	154	6•46	•30	9												
SMITHFIELD	69	125	4•38	•20	21	81•6	66•9	86	26	63	78•3	69•1	81	66			
WORTHY PARK	53	230															
GUYANA																	
EBINI	73	98	4•45	•23	23	86•5	74•6	92	21	63	84•4	76•2	88	75			
FRIENDSHIP	50	68	4•72M	•27	16												
GEORGETOWN BOT G	98	137	4•65	•22	22												
KAMARANG	38	56	3•85	•23	19												
MAHAICONY ABARY	100	144	7•41	•36	26												
ST IGNATIUS	166	206	9•63	•45	21												
TIMEHRI CHS	56	105															
WAUNA	17	35	4•22	•28	19	86•1	71•5	92	4	69							

TABLE IV – SUMMARY OF RAINFALL INTENSITY RECORDS JAN 1971

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
PENAL AG STATION	.29	.44	.49	.77	1.46	1.46	1.46	1.46
PIARCO AIRPORT	.24	.26	.28	.35	.51	.55	.72	.72
ST AUGUSTINE UWI	.20	.26	.49	.55	.67	.67	.67	.67
TOBAGO								
CROWN POINT APT	.19	.37	.40	.66	.66	.66	.66	.66
LOUIS D/OR	.32	.40	.52	.58	.87	.89	.89	.89
GRENADA								
MIRABEAU	.24	.33	.41	.45	.45	.45	.45	.56
BARBADOS								
HUSBANDS CMI	.18	.22	.23	.24	.33	.38	.47	.47
SEAWELL AIRPORT	.08	.12	.16	.28	.32	.43	.43	.43
MONTSERRAT								
GROVE	.21	.21	.23	.24	.44	.47	.51	.61
JAMAICA								
BODLES	.21	.24	.28	.37	.40	.48	.90	1.05
CEDAR VALLEY	.06	.08	.11	.16	.25	.45	1.11	1.48
DUCKENFIELD	.05	.07	.08	.08	.08	.08	.08	.08
HALLS DELIGHT	.03	.05	.05	.07	.11	.13	.36	.50
ORANGE RIVER	.18	.26	.39	.66	.87	1.08	1.47	1.60
PALISADOES APT	.04	.08	.10	.14	.20	.32	.76	1.32
SMITHFIELD	.44	.56	.59	.60	.68	.69	.70	.70
GUYANA								
APOTERI	.24	.40	.53	.61	.63	.64	.71	.92
COOPERS LANDING	.33	.49	.61	.82	1.37	1.84	2.04	2.04
DAWA	.28	.40	.53	.80	1.02	1.09	1.09	1.50
EBINI	.22	.30	.32	.58	.63	.69	1.38	1.67
FRIENDSHIP	.21	.40	.46	.74	1.44	2.53	3.00	3.04
GEORGETOWN BOT G	.27	.32	.43	.43	.47	.69	.89	.91
GREAT FALLS	.21	.35	.41	.54	.57	.62	1.24	1.29
KAMARANG	.14	.19	.26	.51	.61	.68	.78	.90
NEW AMSTERDAM	.14	.21	.28	.36	.61	.70	1.06	1.14
SIPARUTA	.28	.47	.66	.80	.93	1.20	1.34	2.25
ST IGNATIUS	.10	.18	.20	.22	.22	.22	.22	.24
TANADANI	.17	.32	.42	.61	.66	.97	1.21	1.33
TIMEHRI CHS	.40	.55	.62	.76	.96	1.02	1.26	1.36
WARIMIA	.24	.42	.50	.53	.68	.82	.85	.85
WAUNA	.16	.19	.24	.34	.42	.79	.97	.97

TABLE V – SUMMARY OF WINDSPEED RECORDS JAN 1971

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	08	18	13	31	09	28	1210	31	0	0	0	5•5
TOBAGO												
CROWN POINT APT	11	18	14	29	09	27	1305	31	0	0	0	7•2
BARBADOS												
HUSBANDS CMI	07	17	13	5	07	30	1450	5	0	0	0	9•5
ANTIGUA												
COOLIDGE AIRPORT	08	22	09	7	13	35	1340	4	2	0	0	12•6
JAMAICA												
MONTEGO BAY	02	23	03	21	13	32	1355	1	0	0	0	8•3
PALISADOES APT	13	15	16	31	34	23	0950	1	0	0	0	2•7
GUYANA												
EBINI	09	16	16	4	09	37	1100	24	1	0	0	5•4
GEORGETOWN BOT G	05	14	15	19	08	27	0945	31	0	0	0	8•1
GEORGETOWN O R R	04	25	04	4	09	31	2320	7	0	0	0	14•1
KAMARANG	10	9	17	6	10	40	1625	6	3	0	0	1•3

TABLE VI - SUMMARY OF SUNSHINE RECORDS JAN 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					Nil	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12
TRINIDAD																								
CENTENO	0	1	39	72	75	75	79	73	76	76	73	62	33	0	227.3	63	10.6	20	0	3	5	14	9	0
PENAL AG STATION	0	0	30	73	75	74	74	71	76	67	59	49	9	0	203.5	56	9.5	24	1	3	6	16	5	0
PIARCO AIRPORT	0	11	52	72	74	73	78	73	76	72	69	59	13	0	227.1	63	10.7	12	0	3	6	12	10	0
ST AUGUSTINE UWI	0	14	73	83	86	84	79	78	74	72	71	47	0	0	235.8	66	10.2	20	0	2	4	16	9	0
TOBAGO																								
CROWN POINT APT	0	14	58	81	85	83	87	87	82	78	76	67	21	0	237.1	71	10.7	20	0	1	6	8	14	0
LOUIS D'OR	0	12	59	70	77	89	90	87	86	80	75	57	1	0	242.6	68	10.2	17	0	3	1	15	12	0
GRENADA																								
MIRABEAU	0	12	56	65	72	71	74	73	76	73	49	34	3	0	203.9	57	10.1	16	0	5	7	13	6	0
BARBADOS																								
HUSBANDS CMI	0	21	81	87	96	98	95	93	90	89	88	86	17	0	292.1	82	10.7	11	0	0	0	6	25	0
SEAWELL AIRPORT	0	11	68	84	93	96	96	96	95	91	89	84	20	0	285.5	80	10.7	11	0	0	0	13	18	0
ST VINCENT																								
CAMDEN PARK	0	0	53	74	81	86	88	91	87	92	92	82	24	0	263.7	74	10.2	12	0	1	1	13	16	0
DOMINICA																								
MELVILLE HALL AP	0	9	36	51	45	49	77	87	84	83	72	48	17	0	203.5	58	11.2	17	0	2	7	21	1	0
ROSEAU	0	0	23	59	72	73	78	81	78	77	62	74	23	0	222.4	63	9.8	11	0	3	6	12	10	0
MONTSERRAT																								
GROVE	0	1	29	50	69	71	68	65	69	74	75	72	18	1	206.0	59	9.9	9	0	4	8	12	7	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS JAN 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0·1-3·0	3·1-6·0	6·1-9·0	9·1-12·0	MORE THAN 12
BR VIRGIN IS																								
PARAQUITO BAY	0	0	78	91	96	96	99	98	95	97	92	73	0	0	283·3	82	9·9	1	0	0	0	10	21	0
JAMAICA																								
BODLES	0	12	78	86	86	83	86	83	82	76	68	68	24	0	258·3	74	10·7	23	1	1	2	9	18	0
DUCKENFIELD	0	2	61	72	77	75	80	80	82	87	76	51	0	0	230·1	66	10·0	27	1	2	3	15	10	0
EAST ALBION NURS	0	11	70	76	78	77	78	75	81	84	79	71	4	0	242·6	75	10·8	30	1	2	1	8	17	0
FROME	0	13	82	90	91	94	89	87	84	87	79	64	12	0	270·7	78	10·5	11	0	1	3	8	19	0
MONTEGO BAY	0	0	63	78	83	82	86	88	83	80	78	61	5	0	244·1	70	10·0	9	1	1	4	10	15	0
MONY MUSK	0	2	64	79	79	77	85	93	95	90	95	88	38	0	242·2	72	9·6	13	0	1	2	13	14	0
ORANGE RIVER	0	0	41	62	77	74	76	70	70	68	63	55	9	0	206·1	59	10·0	23	1	4	5	13	8	0
PALISADOES	0	15	73	81	80	84	84	84	83	83	76	61	5	0	250·2	72	10·3	13	1	4	1	3	22	0
SMITHFIELD	0	25	75	88	91	88	84	77	75	71	66	46	10	0	247·0	71	10·5	10	1	0	4	15	11	0
BELIZE																								
BELIZE AIRPORT	0	10	51	61	67	60	63	67	75	76	70	65	11	0	208·3	60	10·3	4	0	5	5	13	8	0
GUYANA																								
EBINI	0	6	28	38	46	45	36	37	40	40	19	15	6	0	110·3	30	9·7	19	0	13	8	2	2	0
FRIENDSHIP	0	6	32	37	40	43	43	53	54	40	32	9	0	0	133·3	36	9·6	21	0	11	12	6	2	0
GEORGETOWN BOT G	0	0	38	46	52	60	59	86	56	61	55	45	6	0	165·5	47	10·1	19	0	7	11	8	4	0
KAMARANG	0	0	10	20	25	29	34	43	44	44	43	28	2	0	99·9	27	8·2	20	0	17	11	3	0	0
MAHAICONY ABARY	0	7	41	65	89	93	94	98	92	90	88	92	14	0	267·0	73	10·7	25	0	0	0	21	10	0
MAZARUNI PRISON	0	1	28	44	46	51	47	41	42	38	41	22	0	0	124·3	34	8·1	24	0	11	14	6	0	0
MON REPOS	0	3	38	56	58	62	69	69	67	65	67	40	5	0	185·0	51	9·9	11	0	7	7	11	6	0
ST IGNATIUS	0	14	38	52	60	60	68	70	74	67	69	58	27	0	203·8	55	11·1	17	0	4	6	15	6	0
WAUNA	0	5	43	63	63	61	58	54	53	42	42	39	15	0	168·8	46	10·5	20	0	11	3	10	7	0

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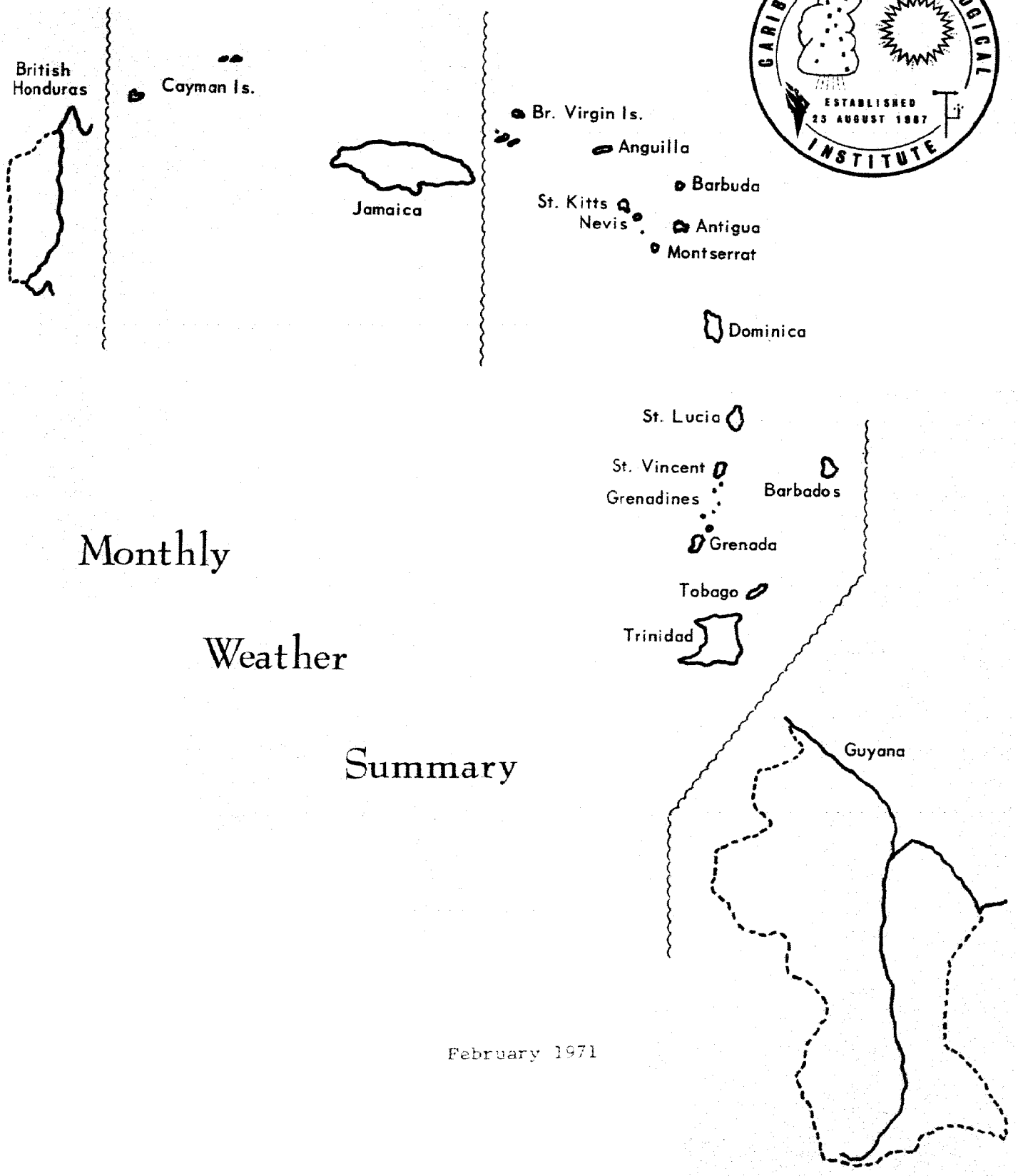

CARIBBEAN METEOROLOGICAL INSTITUTE
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Monthly Weather Summary

February 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute,
Husbands, St. James, Barbados, W.I.

February 1971

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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 71

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	miles ½—1	1—2	2—3	3—5	5—10	10 or more
TRINIDAD																								
CENTENO	50	08	75·0	72·5	26·1	88		3·7																
PENAL AG STATION	25	08	71·1	70·0	24·4	94		2·9																
PIARCO AIRPORT	41	02	71·0	69·6	24·0	93	1012·6	0·6	2·6	7	8	9	3	1	0	0	0	0	0	0	0	2	26	
		08	74·5	71·8	25·1	86	1013·6	3·2	2·3	0	19	5	4	0	0	0	0	0	0	0	1	1	26	
		14	85·3	74·0	23·6	57	1012·3	13·2	4·1	0	1	23	4	0	0	0	0	0	0	0	0	2	26	
PIARCO AIRPORT	41	20	74·7	71·4	24·8	85	1012·4	3·9	2·2	4	16	3	5	0	0	0	0	0	0	0	0	2	26	
ST AUGUSTINE UWI	52	08	76·4	71·4	24·1	78	1013·4	0·3	3·0	0	14	8	6	0	0									
		16	83·2	72·8	23·0	59	1011·2	2·3	4·5	0	3	15	10	0	0									
TOBAGO																								
CROWN POINT AIRP	9	02	74·2	70·8	24·1	83	1012·8	4·8	1·9	1	21	5	1	0	0	0	0	0	0	0	0	3	25	
		08	78·2	72·7	25·0	76	1014·2	7·4	2·5	0	18	5	5	0	0	0	0	0	0	0	0	6	22	
		14	84·0	74·6	25·2	63	1012·8	14·0	3·3	0	12	11	3	2	0	0	0	0	0	1	1	2	24	
		20	75·6	71·4	24·3	80	1012·9	4·8	2·2	0	21	4	3	0	0	0	0	0	0	0	0	3	25	
LOUIS D'OR	40	08	79·4	73·3	25·5	74		2·5																
GRENADA																								
MIRABEAU	450	08	77·6	75·8	29·7	92			5·1	0	1	17	9	1	0									
		16	77·8	75·8	29·4	90			5·8	0	0	11	17	0	0									
MOUNT HORNE	500	08	76·6	73·0	26·2	84																		
BARBADOS																								
HUSBANDS CMI	370	08	76·4	70·8	23·3	75	1015·2	8·7	3·7	0	9	14	5	0	0	0	0	0	0	0	0	2	26	
		14	80·8	71·7	22·4	62	1013·5	10·6	4·4	0	6	11	11	0	0	0	0	0	0	0	0	1	27	
SEAWELL AIRPORT	183	02	76·2	71·3	24·1	78	1013·3	10·9	3·3	0	11	13	4	0	0	0	0	0	0	0	0	0	28	
		08	77·9	71·7	23·8	73	1014·8	13·4	3·6	0	9	12	7	0	0	0	0	0	0	0	0	0	28	
		14	81·7	72·9	23·7	64	1013·4	14·6	3·4	0	8	17	3	0	0	0	0	0	0	0	0	1	27	
		20	77·0	71·3	23·9	75	1013·8	10·3	3·0	1	15	7	5	0	0	0	0	0	0	0	0	0	28	
ST VINCENT																								
CAMDEN PARK	30	08	77·9	73·5	26·2	80	1016·5																	
		16	82·0	74·8	26·2	70																		
ST LUCIA																								
VIGIE AIRPORT	7	08	76·2	70·8	23·4	76	1014·7	6·0	3·5	0	12	7	7	0	0	0	0	0	0	0	2	1	23	
DOMINICA																								
MELVILLE HALL AP	43	09	78·8	71·8	23·5	70	1016·8	9·5	4·4	0	1	20	5	0	0	0	0	0	0	0	0	11	15	
		14	81·6	73·4	24·5	67	1016·1	9·7	4·5	0	0	21	4	1	0	0	0	0	0	0	0	12	14	
ROSEAU	220	09	83·0	76·5	26·7	75																		

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 71

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No. of Observations) yards: 0-440	440-1,100	1,100-2,200	miles: 1/2-2	2-3	3-5	5-10	10 or more
MONTSERRAT																							
GROVE	150	08	75·9	70·5	23·1	76			4·0	0	6	17	4	1	0								
		16	78·3	71·7	23·5	71			3·1	0	12	14	1	0	1								
ANTIGUA																							
COOLIDGE AIRPORT	26	08	75·5	70·8	23·6	78	1015·9	13·3	2·8	0	8	16	4	0	0	0	0	0	0	0	0	1	27
		14	80·8	72·9	24·2	67	1015·7	14·5	3·6	0	7	17	4	0	0	0	0	0	0	0	0	0	28
		20	76·5	71·3	23·9	76	1016·5	13·7	3·5	0	16	10	2	0	0	0	0	0	0	0	0	1	27
DUNBARS	220	09	77·0	71·0	23·2	73																	
		15	78·7	70·9	22·4	67																	
JAMAICA																							
BERNARD LODGE	55	08	75·0	69·8	22·7	77																	
BODLES	60	07	67·8	66·0	21·1	91																	
		13	83·6	73·4	23·8	61																	
CAENWOOD	50	08	80·2	79·0	33·2	94																	
		16	83·6	80·3	33·7	86																	
CEDAR VALLEY	1980	07	64·6	62·9	18·9	91																	
		13	77·1	68·8	20·8	65																	
CINCHONA GARDENS	4897	07	57·9	56·0	14·5	88																	
		15	63·3	61·1	17·4	87																	
DALLAS	950	09	74·2	69·7	22·7	79																	
DALLAS	950	15	81·6	73·7	25·0	68																	
DUCKENFIELD	60	08	76·5	73·0	26·1	84																	
EAST ALBION NURS	90	07	73·9	68·3	21·1	74																	
		13	84·7	72·5	21·9	54																	
EMPIRE NURSERY	2130	07	60·7	59·6	17·0	94																	
EMPIRE NURSERY	2130	13	77·0	68·0	19·4	61																	
FARM HILL	4020	07	55·6	52·5	12·2	57																	
		13	71·6	67·7	21·4	81																	
FALLS DELIGHT	3020	07	65·7	61·0	16·3	75																	
		13	72·8	65·9	18·8	68																	
HOPE GARDENS	712	07	64·2	61·5	17·5	85																	
IRWIN	80	08	75·8	72·2	25·4	84																	
		15	81·3	74·1	25·5	70																	
MARSHALLS PEN	2300	07	63·7	61·2	17·4	87		7·1	2·7														
		13	77·2	68·4	19·9	62		5·7	3·9														

TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 73

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (no of Observations) yards 0-440	440-1,100	1,100-2,200	miles 1/4-1/2	1/2-1	1-2	2-5	5-10	10 or more
JAMAICA																								
MASON RIVER FIEL	2300	07	63·9	62·9	19·1	94																		
		13	77·2	69·9	21·8	68																		
		19	64·4	63·4	19·5	95																		
MONTEGO BAY APT	3	01	72·2	69·3	23·1	86	1014·8	4·2	2·9	0	17	5	6	0	0									
		07	71·8	68·7	22·5	85	1015·0	4·9	3·1	0	16	3	9	0	0	0	0	0	0	0	0	0	0	28
MONTEGO BAY APT	3	13	81·2	73·9	25·5	70	1014·9	15·7	2·8	0	16	6	5	1	0	0	0	0	0	0	0	1	27	
		19	76·3	72·1	25·0	81	1014·1	6·3	3·9	0	12	5	10	1	0									
MONYMUSK	30	08	75·3	73·1	26·9	90																		
MORANT POINT LH	6	01	77·3	73·4	26·6	83		9·1	3·8	1	8	14	3	2	0									
		07	77·2	73·6	26·7	84		9·6	4·9	0	3	13	11	1	0									
MORANT POINT LH	6	13	81·4	76·0	28·2	77		9·6	4·4	0	5	16	5	2	0									
		19	78·5	74·5	27·4	82		9·1	4·1	0	6	15	6	1	0									
ORANGE RIVER	950	08	70·8	68·3	22·5	88																		
		16	75·0	70·9	24·0	81																		
PALISADOES APT	9	01	73·1	66·0	19·0	68	1014·5	3·8	1·9	1	22	2	2	1	0									
PALISADOES APT	9	07	72·9	65·8	18·6	67	1014·6	3·4	2·3	0	19	8	1	0	0	0	0	0	0	0	0	0	28	
		13	82·4	70·2	20·0	53	1014·3	11·9	3·4	0	15	6	6	1	0	0	0	0	0	0	1	0	27	
		19	76·1	67·6	19·8	64	1013·5	8·6	2·7	0	17	7	3	1										
KINGSTON ST GEO	90	07	71·7	68·2	22·2	85																		
		13	84·0	74·9	25·6	64																		
WORTHY PARK	1250	07	65·8	64·3	19·9	92																		
		15	75·8	70·2	22·8	75																		
BELIZE																								
BELIZE AIRPORT	17	06	70·8	69·1	23·8	93	1013·8	3·0	3·8	1	12	7	4	4	0	0	0	0	0	0	1	15	12	
		12	80·5	72·7	24·4	69	1014·7	7·8	4·5	0	5	12	10	1	0	0	0	0	0	0	0	2	26	
		18	76·7	71·6	24·2	77	1012·8	5·3	3·4	0	13	9	4	2	0	0	0	0	0	0	0	5	23	
GUYANA																								
BARTICA POTARO R	400	08	75·4	73·9	27·9	93																		
		14	84·2	76·9	28·3	71																		
EMINI	60	08	73·5	72·4	26·5	94	1012·7	1·8	5·1	0	5	9	12	2	0	0	0	0	1	0	1	17	9	
		14	81·8	74·3	25·5	69	1010·1	10·6	5·8	0	0	11	16	1	0	0	0	0	0	0	1	11	16	
FRIENDSHIP		08	74·8	73·7	27·9	95																		
FRIENDSHIP		14	82·3	74·3	25·4	67																		
GEORGETOWN BOT G	7	08	78·6	73·4	25·8	77	1013·0	5·8	5·2	0	2	11	13	2	0	0	0	0	0	0	0	12	16	
		14	81·5	74·8	25·6	72	1011·6	7·6	4·6	0	2	16	9	1	0	0	0	0	0	0	0	5	23	
GREAT FALLS		08	73·2	72·3	26·7	96																		
		14	81·5	76·4	25·6	7[illegible]																		

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 71

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	miles 1/4—2	2—3	3—5	5—10	10 or more
GUYANA																							
HOSORORO		08	75·7	73·0	26·5	87																	
		14	83·2	74·6	25·5	66																	
KAMARANG		08	68·2	67·2	22·3	95	1016·3	0·0	6·1	0	0	7	16	5	0	0	0	0	0	0	4	17	7
		14	78·9	71·7	23·4	69	1012·4	0·8	6·5	0	0	3	25	0	0	0	0	0	0	0	0	2	26
MABARUMA	185	08	76·3	73·6	26·9	87	1012·6	1·8	2·4	0	18	2	4	0	0	0	0	0	0	0	0	0	24
MABARUMA	185	14	83·8	74·2	24·6	62	1010·5	7·0	4·2	0	7	9	8	0	0	0	0	0	0	0	0	0	24
MAHAICONY ABARY	6	08	78·2	73·4	25·9	79				0	1	19	8	0	0	0	0	0	0	0	0	2	26
		14	84·5	77·7	29·4	73				0	8	20	0	0	0	0	0	0	0	0	0	0	28
MAZARUNI PRISON	47	08	77·8	73·7	26·6	82																	
		14	82·6	75·7	26·8	68																	
MON REPOS		08	79·0	74·1	26·6	79																	
		14	81·9	74·6	26·0	70																	
NEW AMSTERDAM	3	08	78·5	74·6	27·6	83																	
		14	83·8	76·7	28·2	72																	
PORT KAITUMA		08	72·2	70·9	25·3	94																	
PORT KAITUMA		14	83·5	75·8	27·1	69																	
ST IGNATIUS		08	76·8	71·2	23·6	73																	
		14	87·1	75·2	24·5	56																	
TIMEHRI AIRPORT	95	02	71·7	71·2	25·8	98	1011·4	0·7	4·0	4	7	6	8	3	0	0	0	0	1	0	1	7	19
		08	75·0	73·3	27·2	92	1012·8	3·1	5·0	0	5	9	11	3	0	0	0	0	0	2	1	5	20
TIMEHRI AIRPORT	95	14	83·0	74·5	25·4	66	1011·0	0·6	6·3	0	0	4	24	0	0	0	0	0	0	0	0	3	25
		20	74·4	72·4	26·3	91	1011·1	2·7	4·3	0	8	9	11	0	0	0	0	0	0	0	0	5	23
WAUNA		08	73·2	72·2	26·5	95		2·6	3·8	0	4	17	3	0	0	0	0	0	0	0	0	14	10
		14	82·6	75·0	26·3	69		11·3	5·5	0	0	15	9	1	0	0	0	0	0	0	0	1	23

TABLE II SUMMARY OF DAILY OBSERVATIONS FEBRUARY 71

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	1•32	•35	11	8	0	0	84•8	65•9	75•4	86	62		252•7				
PENAL AG STATION	2•10	•81	11	9	1	0	83•7	66•2	75•0	87	61		222•6				
PIARCO AIRPORT	1•00	•28	2	7	0	0	86•6	68•6	77•6	89	64		256•9				
ST AUGUSTINE UWI	•85	•30	2	5	0	0	86•5	67•6	77•1	88	64	63•5	230•1				
TOBAGO																	
CROWN POINT APT	1•28	•45	4	5	2	0	86•9	70•0	78•5	89	68		264•2				
LOUIS D/OR	2•19	•44	11	13	1	0							238•1				
GRENADA																	
MIRABEAU	2•37	•72	4	10	1	0	81•6	71•2	76•4	84	67		213•7				
MOUNT HORNE	2•53	1•08	4	9	1	1	83•9			86							
PEARLS AIRPORT	2•72	2•10	5	5	1	1	79•9	72•2	76•1	85	71						
BARBADOS																	
HUSBANDS CMI	2•13	•58	22	13	2	0	83•1	69•8	76•5	87	66		253•3				
SEAWELL AIRPORT	1•08	•37	1	4	0	0	82•3	72•4	77•4	84	70		269•9				
ST VINCENT																	
CAMDEN PARK	5•68	1•09	3	20	4	1	84•9	70•7	77•8	87	67		238•8				
ST LUCIA																	
VIGIE AIRPORT	3•09	•34	17	18	0	0	84•1	70•6	77•4	85	67						
DOMINICA																	
MELVILLE HALL AP	3•36	•64	3	19	3	0	83•8	70•9	77•4	86	62		196•0				
ROSEAU	3•42	•61	2	19	3	0	82•0	70•9	76•5	84	68		200•1				
MONTSERRAT																	
GROVE	4•23	•73	17	18	1	0	81•3	72•0	76•7	83	67		203•9				

TABLE II SUMMARY OF DAILY OBSERVATIONS FEBRUARY 73

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04	.40	1.00	MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN			THUNDER	FOG	HAIL	GALE
ANTIGUA																	
COOLIDGE AIRPORT	2•73	•71	2	12	2	0	81•4	72•5	77•0	82	70						
DUNBARS	2•44	1•12	22	12	1	1	82•2	71•1	76•7	83	69						
ST KITTS NEVIS																	
NEEDSMUST	4•63	1•68	18	13	5	1	85•0	71•3	78•2	88	68						
JAMAICA																	
BERNARD LODGE	1•49	•72	18	5	2	0	87•0	66•2	76•6	89	60		239•5				
BODLES	•51	•32	18	3	0	0	86•1	58•9	72•5	87	55		233•2				
CAENWOOD	5•83	1•26	20	12	6	2	83•7	77•3	80•5	85	74	75•1					
CEDAR VALLEY	3•46	1•44	18	11	2	2	78•9			83							
CINCHONA GARDENS	5•64	1•80	2	10	3	3	67•9	53•5	60•7	72	51						
DALLAS	1•62	1•15	18	3	1	1	82•2			86							
DUCKENFIELD	3•02	•90	18	9	3	0	83•1	70•3	76•7	86	64						
EAST ALBION NURS	1•39	•59	18	6	1	0	86•4	64•0	75•2	90	61		203•2				
EMPIRE NURSERY	2•24	1•44	18	6	1	1	79•7	60•5	70•1	83	55						
FARM HILL	4•36	1•58	3	14	2	1	72•1	49•8	61•0	75	48						
FROME	4•17	1•60	16	11	2	1	87•3	66•7	77•0	90	63		219•6				
HALLS DELIGHT	3•55	1•45	17	7	3	1	75•7	60•0	67•9	79	57						
HOPE GARDENS	•77	•70	18	2	1	0	84•9	55•2	70•1	87	53						
IRWIN	7•33	2•26	16	12	4	3	84•9	66•7	75•8	89	63						
KINGSTON ST•GEO	•73	•43	18	3	1	0	86•2	70•2	78•2	88	66						
MARSHALLS PEN	1•45	1•03	14	4	1	1	78•4	61•8	70•1	82	58	54•8					
MASON RIVER FIEL	2•97	1•10	16	8	2	1	78•9	59•2	69•1	82	51						
MONTEGO BAY APT	4•24	1•96	16	7	3	2	82•7	68•7	75•7	86	65		218•2				
MONYMUSK	•87	•32	23	4	0	0	87•0	57•1	77•1	89	61						
MORANT POINT LH	2•46	•48	18	8	3	0	83•3	71•0	77•2	85	65						
ORANGE RIVER	5•05	2•90	17	11	2	1	79•6	63•5	71•6	84	57		173•2				
PALISADOES APT	•64	•44	18	3	1	0	86•0	72•1	79•1	90	62		228•4				
RICHMOND	5•24	1•72	10	9	4	2	87•0	72•3	79•7	88	70						
SMITHFIELD	14•20	2•76	23	14	10	6	80•2	64•6	72•4	84	62		188•4				
WORTHY PARK	2•37	•75	18	9	2	0	81•2	62•7	72•0	83	57		209•1				

TABLE II SUMMARY OF DAILY OBSERVATIONS FEBRUARY 71

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
BELIZE																	
BELIZE AIRPORT	1.19	.79	24	4	1	0	83.1	69.2	76.2	88	54		240.8	0	4	0	0
GUYANA																	
BARTICA POTARO R	5.87	.94	8	17	6	0	88.3	69.6	79.0	91	66						
EBINI	5.44	1.44	20	15	4	1	85.0	69.4	77.2	88	65		129.3	2	2	0	0
FRIENDSHIP	7.71	1.53	9	12	6	3	84.2	69.8	77.0	87	67		170.0				
GEORGETOWN BOT G	3.11	.89	18	7	4	0	83.1	74.3	78.7	84	71	69.6	207.1				
GREAT FALLS	4.79	.72	25	16	4	0	84.4	69.5	77.0	87	68	68.6		6	7	0	0
HOSORORO	1.60	.35	11	11	0	0	85.9	69.6	77.8	88	67						
KAMARANG	3.25	.37	21	16	0	0	80.8	65.8	73.3	84	63	63.5	130.6	0	2	0	0
MABARUMA	1.26	.28	26	9	0	0											
MAHAICONY ABARY	1.03	.31	1	6	0	0	85.5	71.4	78.5	87	70		234.4				
MAZARUNI PRISON	4.93	1.77	1	7	4	2	85.6	71.4	78.5	87	69		138.0				
MON REPOS	2.66	1.50	18	7	2	1	83.5	72.3	77.9	85	70		216.8				
NEW AMSTERDAM	3.43	1.21	18	10	2	1	85.3	72.8	79.1	87	71						
PORT KAITUMA	2.22	.39	2	11	1	0	86.4	67.2	76.8	91	64						
ST IGNATIUS	.39	.15	23	3	0	0	90.5	73.5	82.0	92	71		213.9				
TIMEHRI AIRPORT	2.71	.78	8	9	3	0	85.2	69.9	77.6	88	67						
TIMEHRI CHS	2.47	.94	8	11	2	0	85.5	66.9	76.2	88	64	64.9					
WAUNA	1.47	.45	11	8	1	0	85.5	66.9	76.2	90	63		220.4	0	10	0	0

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS FEBRUARY 71

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F At 2 inch depth					At 4 inch depth				TOTAL RADIATION (langleys)		
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN.	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	89	129	6·71	·32	19										14136	594	344
PENAL AG STATION	70	94	5·90	·33	27	92·5	73·0	98	17	70	86·5	77·8	90	74			
PIARCO AIRPORT	111	148	7·62	·38	21												
ST AUGUSTINE UWI	25	42	4·59	·22	14										11902	544	266
TOBAGO																	
CROWN POINT APT			7·05	·37	11												
LOUIS D/OR	57	81	6·31	·32	19												
GRENADA																	
MIRABEAU	89	140	5·42	·27	28	90·7	73·2	99	27	66	85·1	75·1	89	66			
BARBADOS																	
HUSBANDS CMI	116	183				84·5	71·3	90	27	69	78·2	72·3	81	70			
ST VINCENT																	
CAMDEN PARK	97	147	5·81	·30	8										16473	660	370
DOMINICA																	
ROSEAU	94	151	5·20	·32	22										13791	587	321
MONTSERRAT																	
GROVE	157	239	6·76	·32	12										11911	580	129
JAMAICA																	
BERNARD LODGE	11	22	6·03	·36	7												
BUDLES	74	134	5·80	·32	28												
CEDAR VALLEY	37	64	4·26	·27	2												
EAST ALBION NURS	7	19	6·39	·39	23												
EMPIRE NURSERY	28	73															

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS FEBRUARY 71

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
JAMAICA																	
FARM HILL	46	157	1•71	M•11	1												
HALLS DELIGHT	42	140															
MONTEGO BAY AIRP	137	266	6•58	•32	26												
ORANGE RIVER	42	72															
PALISADOES APR	128	389	7•36	•44	7												
SMITHFIELD	68	115				81•3	67•3	86	25	62	77•8	69•0	81	67			
WORTHY PARK	56	146															
GUYANA																	
EBINI	80	121	5•04	•28	27	86•7	73•7	95	27	72	84•5	75•2	90	74			
FRIENDSHIP	56	91	5•38	•28	15												
GEORGETOWN BOT G	96	129	5•24	•27	25												
GREAT FALLS			2•94	•17	28												
KAMARANG	42	59	4•11	•27	27												
MAHAICONY ABARY	109	149	6•70	•30	26												
ST IGNATIUS	190	255	10•45	•52	18												
TIMEHRI CHS	66	105															
WAUNA	23	40	5•06	•27	16	89•8	71•8	96	14	69							

TABLE IV – SUMMARY OF RAINFALL INTENSITY RECORDS FEBRUARY 71

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO	.08	.09	.11	.17	.17	.21	.33	.35
PENAL AG STATION	.24	.26	.26	.27	.35	.65	.81	.81
PIARCO AIRPORT	.07	.08	.09	.11	.11	.17	.23	.29
ST AUGUSTINE UWI	.07	.10	.14	.22	.22	.28	.30	.30
TOBAGO								
CROWN POINT APT		.23	.29	.30	.30	.31	.41	.46
LOUIS D/OR	.17	.24	.28	.35	.35	.38	.40	.42
GRENADA								
MIRABEAU	.22	.30	.36	.39	.49	.52	.62	.62
BARBADOS								
HUSBANDS CMI	.20	.28	.32	.36	.39	.47	.58	.59
SEAWELL AIRPORT	.11	.15	.21	.27	.37	.37	.37	.37
ST VINCENT								
CAMDEN PARK	.12	.25	.35	.42	.50	.55	.75	.91
MONTSERRAT								
GROVE	.18	.22	.26	.27	.33	.38	.39	.73
JAMAICA								
BODLES	.05	.07	.07	.11	.18	.28	.32	.32
CEDAR VALLEY	.23	.36	.38	.54	.60	.76	1.38	1.62
EAST ALBION NURS	.06	.07	.09	.14	.15	.26	.57	.59
MONTEGO BAY	.06	.11	.16	.35	.66	1.00	1.00	1.00
ORANGE RIVER	.17	.26	.32	.34	.35	.67	1.45	2.10
PALISADOES APT	.08	.10	.14	.24	.32	.32	.42	.44
GUYANA								
APAIKWA	.36	.44	.52	.65	.85	.85	1.69	1.72
COOPERS LANDING	.25	.47	.59	.59	.59	.70	.92	.93
EBINI	.26	.31	.44	.51	.63	.92	1.16	1.43
FRIENDSHIP	.22	.25	.32	.44	.75	1.11	1.37	1.45
GEORGETOWN BOT G	.30	.36	.41	.49	.50	.80	.89	.89
GREAT FALLS	.20	.28	.34	.36	.43	.43	.59	.72
KAMARANG	.07	.09	.12	.18	.23	.25	.28	.34
KERAHA LDG	.16	.18	.26	.28	.33	.41	.45	.60
MAHAICONY ABARY	.09	.11	.19	.24	.26	.26	.31	.31
MARIPA	.25	.44	.67	1.03	1.08	1.14	1.65	1.75
NEW AMSTERDAM	.23	.29	.34	.41	.48	.81	1.19	1.21
PLANTAIN ISLAND	.20	.38	.45	.60	.96	1.19	1.34	1.35
ST IGNATIUS	.08	.09	.10	.10	.12	.12	.12	.12
TIMEHRI CHS	.23	.40	.50	.54	.60	.64	.91	.94
WAUNA	.12	.23	.23	.24	.24	.28	.30	.38

TABLE V - SUMMARY OF WINDSPEED RECORDS FEBRUARY 71

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	09	18	13	2	09	33	1315	2	0	0	0	7•8
TOBAGO												
CROWN POINT APT	12	20	12	22	11	30	1430	22	0	0	0	8•0
BARBADOS												
HUSBANDS CMI	08	15	15	6	06	26	1335	7	0	0	0	9•1
ANTIGUA												
COOLIDGE AIRPORT	10	22	05	7	09	35	1805	22	2	0	0	13•8
JAMAICA												
MONTEGO BAY	08	22	13	4	08	31	1225	4	0	0	0	8•2
PALISADOES APT	11	22	14	28	09	32	1110	21	0	0	0	6•6
GUYANA												
EBINI	02	16	16	8	04	27	1440	13	0	0	0	5•2
GEORGETOWN BOT G	04	13	16	7	03	28	1355	7	0	0	0	8•0
GEORGETOWN O R R	03	24	03	3	03	36	0020	8	1	0	0	15•6
KAMARANG	06	9	10	9	03	24	1525	7	0	0	0	1•9

TABLE VI - SUMMARY OF SUNSHINE RECORDS FEBRUARY 7.

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12
TRINIDAD																								
CENTENO	0	3	63	84	84	86	87	91	90	91	91	89	40	0	252.7	76	10.9	27	0	0	2	7	19	0
PENAL AG STATION	0	0	40	90	93	89	80	77	81	74	71	74	26	0	222.6	67	10.4	17	0	1	4	11	12	0
PIARCO AIRPORT	0	20	83	86	87	85	88	92	91	90	91	83	22	0	256.9	78	10.8	25	0	0	3	4	21	0
ST AUGUSTINE UWI	0	26	85	92	90	83	86	87	85	78	83	65	0	0	230.1	73	10.4	19	0	0	6	4	17	0
TOBAGO																								
CROWN POINT APT	0	29	88	90	93	96	94	86	85	85	84	80	34	0	264.2	80	11.1	14	0	0	2	6	20	0
LOUIS D/OR	0	24	78	84	81	83	89	86	84	85	83	71	5	0	238.1	72	10.7	27	0	2	3	4	19	0
GRENADA																								
MIRABEAU	0	27	73	76	84	83	90	80	78	75	67	38	4	0	213.7	65	10.5	17	0	3	4	7	14	0
BARBADOS																								
BUSHANDS CMI	0	35	81	81	82	88	89	85	80	85	85	83	32	0	253.3	77	11.5	27	0	0	3	8	17	0
SEAWELL AIRPORT	0	22	75	90	94	92	96	94	98	96	96	81	31	0	269.9	82	11.1	27	0	0	0	7	21	0
ST VINCENT																								
CAMDEN PARK	0	5	63	80	93	92	91	95	93	91	91	87	38	0	238.8	63	10.5	14	0	1	0	6	19	0
DOMINICA																								
MELVILLE HALL AP	0	8	66	70	78	77	80	79	78	84	70	41	4	0	196.0	63	10.1	7	0	3	7	12	6	0
ROSEAU	0	0	25	66	80	74	83	82	76	79	77	76	35	0	200.1	65	10.4	27	0	2	4	12	9	0
MONTSERRAT																								
GROVE	0	1	25	50	69	78	81	74	83	81	81	79	27	0	203.9	63	10.4	4	1	0	5	15	7	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS FEBRUARY 71

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12
JAMAICA																								
BODLES	0	16	85	87	88	83	83	80	80	72	70	64	25	0	233.2	72	10.8	13	0	3	0	11	14	0
EAST ALBION NURS	0	30	76	75	69	61	60	68	74	83	81	48	3	0	203.2	63	10.6	3	0	3	7	4	14	0
FROME	0	19	83	93	94	90	85	84	78	67	46	35	11	0	219.6	68	10.2	1	0	2	1	18	7	0
GROVE PLACE	0	4	59	83	88	87	84	77	71	68	63	48	16	0	209.7	68	10.5	26	0	2	4	12	7	0
MONTEGO BAY	0	11	73	86	90	89	86	87	82	70	53	43	6	0	218.2	67	10.5	1	0	2	2	16	8	0
MONY MUSK	0	10	60	64	68	74	81	86	83	78	73	44	0	0	201.7	62	10.2	20	0	3	5	11	9	0
ORANGE RIVER	0	0	49	63	72	76	70	74	72	56	49	27	8	0	173.2	53	9.8	9	0	5	7	15	1	0
PALISADOES	0	18	81	82	90	87	84	78	79	80	71	57	8	0	228.4	71	10.9	20	0	3	2	6	17	0
SMITHFIELD	0	30	69	83	80	82	83	76	50	43	33	33	12	0	188.4	58	10.4	1	0	2	6	15	5	0
BELIZE																								
BELIZE AIRPORT	0	28	70	73	83	83	84	87	86	84	82	77	25	0	240.8	74	11.1	22	1	2	0	6	19	0
GUYANA																								
FRIENDSHIP	0	15	45	54	54	59	59	65	71	63	65	42	16	0	170.0	51	11.0	17	1	5	7	9	6	0
EBINI	0	4	41	57	48	47	44	36	42	51	42	33	16	0	129.3	39	10.5	17	1	9	10	5	3	0
GEORGETOWN BOT G	0	10	53	66	68	74	71	77	81	84	79	66	11	0	207.1	62	10.7	25	0	2	7	8	11	0
KAMARANG	0	2	17	25	32	40	51	44	49	53	65	59	29	0	130.6	39	9.7	25	0	8	13	5	2	0
MAHAICONY ABARY	0	15	49	70	81	88	91	94	94	92	82	64	18	0	234.4	70	10.6	5	0	1	3	11	13	0
MAZARUNI PRISON	0	6	37	51	54	56	55	51	55	50	43	34	2	0	138.0	41	9.7	24	1	9	6	11	1	0
MON REPOS	0	15	53	63	77	82	83	82	84	84	77	61	17	0	216.8	65	10.6	18	0	1	7	10	10	0
ST IGNATIUS	0	12	38	61	73	79	76	77	78	80	81	78	31	0	213.9	64	10.9	27	0	3	3	10	12	0
WAUNA	0	20	78	88	77	73	76	73	70	69	67	67	28	0	220.4	66	11.2	15	0	3	3	8	14	0

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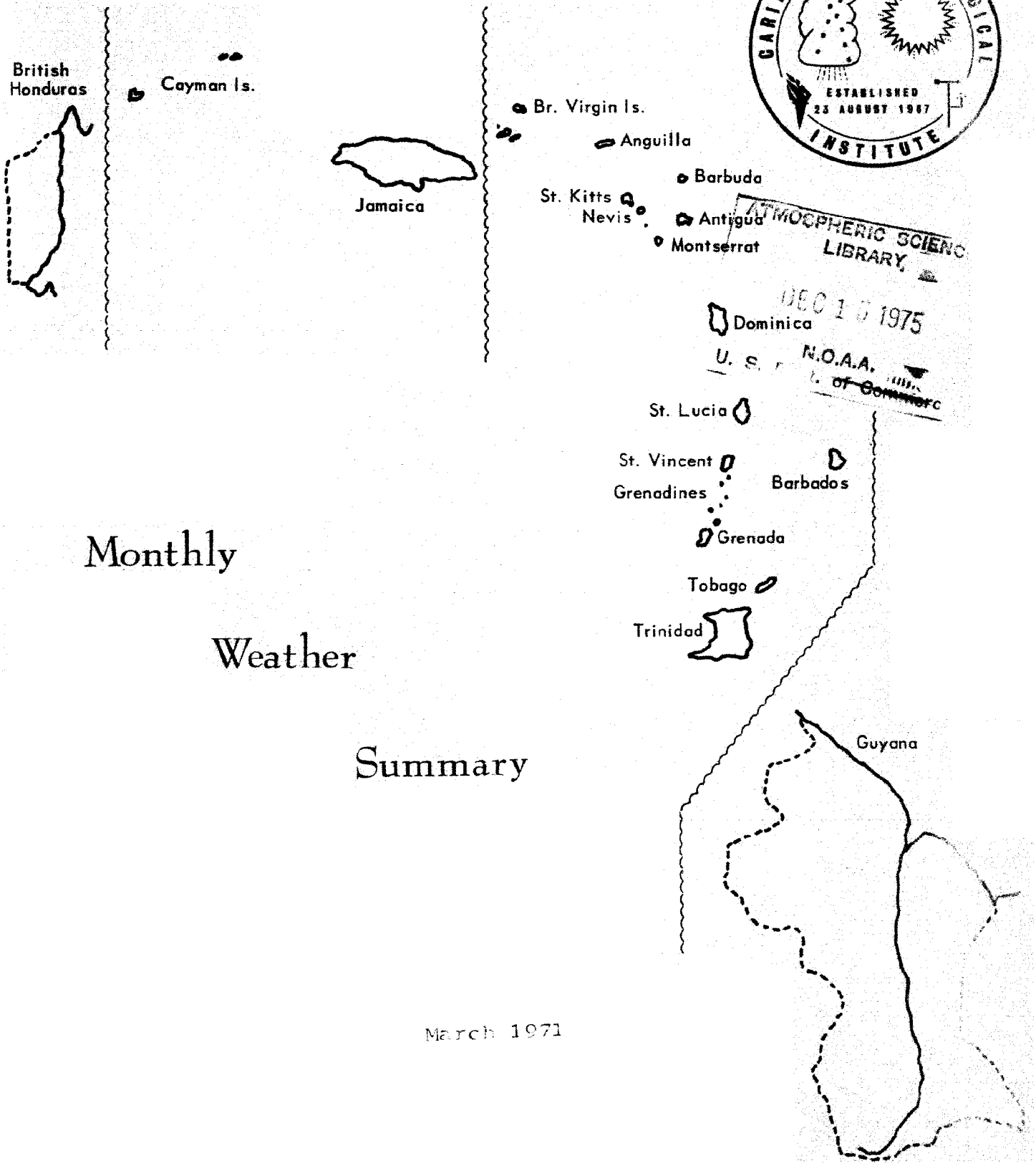

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Monthly Weather Summary

March 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute
Husbands, St. James, Barbados, W.I.

March 1971

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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No. of Observations) yards 0-440	440-1,100	1,100-2,200	miles 1/4-2	2-3	3-5	5-10	10 or more
TRINIDAD																							
CENTENO	50	08	76·6	73·3	26·5	85		4·0															
PENAL AG STATION	25	08	73·2	71·4	25·5	91		3·3															
PIARCO AIRPORT	41	02	72·2	70·3	24·4	90	1012·4	1·5	3·7	2	8	13	8	0	0	0	0	0	0	0	0	0	31
		08	76·5	72·6	25·6	82	1013·6	6·1	4·4	0	12	4	15	0	0	0	0	0	0	0	0	2	29
		14	86·0	74·1	23·5	55	1012·3	14·1	5·8	0	0	11	20	0	0	0	0	0	0	0	2	2	27
PIARCO AIRPORT	41	20	76·0	72·4	25·5	83	1012·4	5·2	3·5	0	13	12	6	0	0	0	0	0	0	0	0	1	30
ST AUGUSTINE UWI	52	08	78·2	72·2	24·4	74	1013·6	0·4	5·1	0	7	7	15	1	1								
		16	83·9	73·0	22·8	57	1011·1	3·2	5·6	0	3	10	15	2	1								
TOBAGO																							
CROWN POINT AIRP	9	02	74·8	71·1	24·3	83	1012·6	4·1	4·2	0	8	15	7	1	0	0	0	0	0	0	0	2	29
		08	78·9	73·0	25·1	74	1014·1	8·9	5·6	0	5	4	21	1	0	0	0	0	0	1	1	3	26
		14	83·7	74·8	25·5	65	1012·6	12·5	5·5	0	5	5	20	1	0	0	0	0	0	0	0	3	28
		20	76·5	72·0	24·7	79	1012·7	5·1	4·3	0	9	10	12	0	0	0	0	0	0	0	0	3	28
LOUIS D'OR	40	08	79·1	72·6	24·4	72		4·1															
GRENADA																							
MIRABEAU	450	08	76·3	76·9	30·9	93			5·9	0	0	10	18	3	0								
		16	78·2	76·8	30·9	94			6·2	0	0	4	26	1	0								
PEARLS AIRPORT	22	08	79·0	73·2	25·2	75	1013·4	11·8	5·1	0	0	17	14	0	0	0	0	0	0	0	0	3	28
		14	78·7	72·4	25·7	77	1011·9	12·0	4·7	0	0	17	12	1	0	0	0	0	0	1	0	29	
BARBADOS																							
HUSBANDS CMI	370	08	76·6	71·1	23·4	75	1015·3	8·7	5·3	0	3	11	16	0	1	0	0	1	0	0	0	0	30
		14	81·2	71·6	22·3	61	1013·3	10·4	4·9	0	3	16	12	0	0	0	0	0	0	0	0	0	31
SEAWELL AIRPORT	183	02	76·2	71·4	24·1	78	1012·9	10·4	3·8	0	9	14	8	0	0	0	0	0	0	0	0	0	31
		08	77·9	72·2	24·4	75	1014·8	12·9	5·1	0	5	9	15	2	0	0	0	0	0	0	0	1	30
		14	81·5	73·1	24·1	66	1013·2	15·1	4·3	0	8	11	12	0	0	0	0	0	0	0	0	0	31
		20	77·0	71·9	24·4	77	1013·7	11·7	3·9	0	8	15	8	0	0	0	0	0	0	0	0	0	31
ST VINCENT																							
CAMDEN PARK	30	08	79·5	72·6	24·1	70	1016·5																
		16	79·6	73·3	23·9	69																	

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (EIGHTS): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY yards: 0–440	440–1,100	1,100–2,200	No. of Observations miles: ½–1	2–3	3–5	5–10	10 or more
DOMINICA																							
MELVILLE HALL AP	43	09	79·8	72·3	23·7	68	1017·0	9·1	4·5	0	0	23	6	0	0	0	0	0	0	0	0	9	20
		14	82·8	73·5	24·0	63	1016·5	10·8	4·1	0	3	23	3	1	0	0	0	0	0	0	0	6	24
ROSEAU	220	09	78·3	73·6	26·1	79																	
MONTSERRAT																							
GROVE	150	06	77·2	71·1	23·4	73			3·4	0	12	16	3	0	0								
		16	75·4	72·3	23·8	69			2·0	0	23	8	0	0	0								
ANTIGUA																							
COOLIDGE AIRPORT	26	08	77·7	72·0	24·2	75	1016·2	12·6	3·0	0	12	17	2	0	0	0	0	0	0	0	0	0	31
		14	82·2	73·5	24·3	65	1015·1	14·3	2·7	0	13	17	1	0	0	0	0	0	0	0	0	0	31
		20	76·7	71·5	24·0	76	1015·4	11·2	2·5	0	19	8	4	0	0	0	0	0	0	0	0	0	31
DUNBARS	220	09	79·4	71·7	23·2	68																	
		15	80·7	71·9	22·9	64																	
JAMAICA																							
BERNARD LODGE	55	06	76·1	70·6	23·1	76																	
BODLES	60	07	66·0	66·1	21·0	90																	
		13	84·5	73·6	23·4	58																	
CAENWOOD	50	08	78·9	77·3	31·3	93																	
		16	80·2	78·7	32·8	93																	
CEDAR VALLEY	1980	07	63·9	62·4	18·6	93																	
		13	78·5	69·4	20·7	62																	
CINCHONA GARDENS	4897	07	59·1	56·8	14·8	87																	
		13	64·1	62·4	18·6	91																	
DALLAS	950	09	75·6	70·0	22·5	74																	
DALLAS	950	15	81·2	72·2	23·1	64																	
DUCKENFIELD	60	06	78·1	72·6	25·0	76																	
EAST ALBION NURS	90	07	74·1	67·3	19·8	69																	
		13	84·1	73·0	22·7	57																	
EMPIRE NURSERY	2130	07	60·9	60·2	16·9	93																	
EMPIRE NURSERY	2130	13	78·0	69·1	20·4	62																	
FARM HILL	4020	07	64·9	61·9	17·6	84																	
		13	76·0	72·6	25·9	85																	
HALLS DELIGHT	3020	07	67·7	62·3	16·5	71																	
		13	72·5	66·0	19·0	70																	

[illegible] SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	[illegible]	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3 5	6, 7	8	9	[illegible] (Number of Observations) [illegible]	[illegible]	[illegible]	[illegible] miles [illegible]	[illegible]	[illegible]	[illegible]	10 or more
JAMAICA																							
HOPE GARDENS	712	07	66·2	62·2	17·4	79																	
IRWIN	80	08	76·4	72·4	25·4	82																	
		15	82·5	75·0	26·5	70																	
KINGSTON ST GEO		07	71·8	67·8	21·5	81																	
		13	84·3	75·0	25·5	63																	
PALISADOES APT	9	01	75·2	69·2	22·4	75	1014·1	2·5	2·1	2	20	6	3	0	0								
		07	74·6	69·4	22·6	77	1014·3	1·5	2·8	1	16	8	6	0	0	0	0	0	0	0	1	0	29
		13	83·2	73·7	24·1	62	1014·0	1·7	3·6	0	14	8	7	2	0	0	0	0	0	0	0	0	31
		19	78·2	70·8	23·2	71	1013·2	6·4	3·5	0	14	8	8	1	0	0	0	0	0	0	0	0	6
MARSHALLS PEN	2300	07	63·7	58·4	14·4	72		3·7															
MARSHALLS PEN	2300	13	79·8	71·0	22·2	64		6·3															
MASON RIVER FIELD	2300	07	64·2	63·4	19·6	96																	
		13	79·7	71·6	22·8	66																	
		19	65·3	63·2	18·9	89																	
MONTEGO BAY APT	3	01	72·1	69·4	23·3	87	1014·7	1·6	1·9	2	22	6	1	0	0								
MONTEGO BAY APT	3	07	73·0	69·6	23·1	63	1014·8	3·7	3·7	0	13	7	11	0	0	0	0	0	0	0	0	0	31
		13	83·3	74·3	24·9	64	1014·8	14·5	3·2	0	17	7	6	1	0	0	0	0	0	0	0	0	31
		19	77·3	72·4	25·1	78	1013·9	5·6	4·6	1	11	9	10	0	0								
MORANT POINT LH	6	01	77·7	74·2	27·3	84		6·8	3·0	3	10	13	5	0	0								
		07	77·0	73·3	26·5	84		7·6	4·3	0	8	11	12	0	0								
MORANT POINT LH	6	13	81·6	76·3	28·5	78		8·1	4·2	0	7	17	4	3	0								
		19	78·9	74·6	27·4	81		6·5	3·5	3	9	12	5	2	0								
MONYMUSK	30	08	76·9	73·4	26·6	84																	
NEGRIL POINT LH	27	07	72·5	68·9	22·6	83		2·5	3·2	3	14	4	8	2	0								
		13	85·0	75·0	25·1	61		7·7	4·0	0	10	12	7	2	0								
NEGRIL POINT LH	27	19	78·7	72·7	24·8	74		3·5	4·5	0	12	7	7	5	0								
ORANGE RIVER	950	06	71·9	70·4	24·7	93																	
		16	76·7	74·4	28·1	90																	
SMITHFIELD	925	08	73·6	69·3	22·5	80																	
WORTHY PARK	1250	07	64·6	62·9	18·8	91																	
		15	77·6	70·5	22·4	69																	
BELIZE																							
BELIZE AIRPORT	17	06	72·4	70·4	24·6	90	1014·0	2·6	4·6	0	7	12	7	4	1	1	0	0	0	0	3	11	16
		12	81·5	73·6	24·8	68	1015·0	6·8	5·3	0	3	18	11	5	0	0	0	0	0	0	0	3	28
		16	78·6	73·1	25·4	76	1013·0	5·0	5·6	1	12	6	11	0	0	0	0	0	0	0	5	25

TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1973

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (Eights) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0-440	440-1,100	1,100-2,200	miles 1¼-2	2-3	3-5	5-10	10 or more
GUYANA																							
BARTICA POTARO R	400	08	86·6	76·7	27·0	62																	
		14	75·4	73·7	27·6	92																	
EBINI	60	08	74·7	73·1	27·1	92	1013·0	2·4		0	4	5	10	4	0	0	0	0	0	0	0	9	14
		14	83·1	74·8	25·6	66	1009·8	11·2		0	0	5	17	1	0	0	0	0	0	0	2	3	18
FRIENDSHIP		08	75·1	73·8	27·8	94																	
FRIENDSHIP		14	82·9	75·3	26·5	69																	
GEORGETOWN BOT G	7	08	79·4	74·2	26·7	78	1013·2	7·9	5·4	0	1	11	19	0	0	0	1	0	0	0	0	3	27
		14	81·7	75·1	26·9	73	1011·5	10·2	5·8	0	1	11	16	3	0	0	0	0	0	0	1	4	26
GREAT FALLS		08	73·5	72·4	26·6	94																	
		14	83·0	76·7	28·9	75																	
HOSORORO		08	77·2	73·4	26·4	83																	
		14	86·0	74·7	24·3	57																	
KAMARANG		08	71·6	67·8	22·6	86	1016·2	0·0	6·3	0	0	7	19	5	0	0	1	0	0	0	4	20	6
		14	79·6	73·1	25·0	72	1012·3	5·1	6·4	0	0	2	27	2	0	0	0	0	0	0	0	1	30
MABARUMA	185	08	76·5	73·3	26·5	85	1012·6	2·1	2·8	0	16	8	5	0	0	0	0	0	0	0	0	1	28
MABARUMA	185	14	84·4	73·9	23·9	59	1010·4	7·4	4·8	0	3	15	11	0	0	0	0	0	0	0	0	1	28
MAHAICONY ABARY	6	08	78·5	74·2	26·9	81		8·0	4·8	0	1	20	9	0	0	0	0	0	0	0	0	1	29
		14	82·3	77·4	29·9	79		9·5	3·6	0	8	22	0	0	0	0	0	0	0	0	0	0	30
MAZARUNI PRISON	47	08	76·7	74·1	27·6	88																	
		14	82·7	74·7	25·8	68																	
MON REPOS		08	79·6	73·9	26·0	75																	
		14	82·7	74·8	26·0	68																	
NEW AMSTERDAM	3	08	78·8	75·1	28·1	84																	
		14	84·8	77·6	29·2	72																	
PORT KAITUMA		08	73·4	71·8	25·8	92																	
PORT KAITUMA		14	85·6	75·0	25·0	60																	
ST IGNATIUS		08	77·4	72·0	24·4	76																	
		14	88·3	75·0	24·6	54																	
TIMEHRI AIRPORT	95	02	71·7	71·3	26·0	98	1011·3	0·3	3·5	6	8	5	12	0	0	0	0	0	0	0	0	9	22
		08	75·7	73·7	27·5	91	1012·9	2·7	5·2	0	4	9	15	3	0	0	0	0	0	0	1	3	27
TIMEHRI AIRPORT	95	14	83·2	75·2	26·2	68	1010·9	9·4	6·7	0	0	3	26	2	0	0	0	0	0	0	2	2	27
		20	74·6	72·8	26·7	91	1011·1	3·7	4·7	1	7	6	16	1	0	0	0	0	0	0	0	2	29
TIMEHRI CHS		08	75·3	73·8	27·8	93																	
		14	83·0	75·4	26·7	69																	
WAUNA		08	74·7	73·0	26·9	92		3·1	4·3	0	4	13	8	1	0	0	0	0	0	0	0	20	6
		14	4·3	74·4	24·7	61		10·2	5·2	0	0	19	7	0	0		0	0	0	0	0	2	24

TABLE II SUMMARY OF DAILY OBSERVATIONS MARCH 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN $\frac{1}{2}$(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
TRINIDAD																	
CENTENO	2.07	1.20	18	8	1	1	86.2	67.9	77.0	88	63		228.7				
PENAL AG STATION	3.04	1.57	18	6	2	2	84.0	66.3	75.2	87	62		144.4				
PIARCO AIRPORT	1.54	.70	18	7	1	0	87.7	69.8	78.8	89	65		241.5				
ST AUGUSTINE	.57	.35	18	3	0	0	87.6	68.7	78.2	89	65	64.4	236.1				
TOBAGO																	
CROWN POINT APT	3.06	1.11	18	10	2	1	86.0	70.4	78.2	88	68	66.5	250.9				
LOUIS D/OR	3.22	.81	18	16	2	0	81.2	76.6	78.9	84	74		232.3				
GRENADA																	
MIRABEAU	2.96	.82	19	11	3	0	82.3	71.8	77.1	84	69		204.3				
PEARLS AIRPORT	1.76	.48	5	10	2	0	83.6	74.5	79.0	85	70						
BARBADOS																	
HUSBANDS CMI	2.98	1.21	20	14	2	1	83.8	70.1	77.0	87	64		250.8				
SEAWELL AIRPORT	2.38	1.07	20	11	1	1	82.0	73.2	77.6	85	70		283.5				
ST VINCENT																	
CAMDEN PARK	2.30	.54	2	14	1	0	85.1	72.5	78.8	87	69		259.5				
DOMINICA																	
MELVILLE HALL AP	1.64	.26	19	12	0	0	83.1	71.8	77.5	86	69		248.8				
ROSEAU	1.43	.25	6	10	0	0	83.2	72.2	77.7	85	70		233.0				
MONTSERRAT																	
GROVE	1.55	.33	8	10	0	0	83.1	73.1	78.1	86	69		227.0				

TABLE II SUMMARY OF DAILY OBSERVATIONS MARCH 1973

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN $\frac{1}{2}$(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
ANTIGUA																	
COOLIDGE AIRPORT	1·00	·45	8	5	1	0	82·8	73·8	78·3	84	68						
DUNBARS	1·13	·49	8	7	1	0	83·3	72·0	77·7	86	69						
ST KITTS NEVIS																	
NEEDSMUST	·87	·29	8	6	0	0	86·6	72·0	79·3	95	67						
JAMAICA																	
BERNARD LODGE	·69	·38	10	3	0	0	88·4	64·7	76·6	91	61		257·7				
BODLES	·74	·48	31	4	1	0	87·4	58·6	73·0	91	56		270·9				
CAENWOOD	6·16	1·92	19	9	4	3	82·7	75·8	79·3	85	69	71·8					
CEDAR VALLEY	3·20	1·00	19	10	4	1	80·9			84							
CINCHONA GARDENS	3·73	1·54	31	9	3	1	68·9	54·2	61·6	74	52						
DALLAS	·75	·54	16	4	1	0	82·3	51·6	66·9	87	47						
DUCKENFIELD	2·79	1·52	19	12	1	1	83·4	69·7	76·6	87	65	66·5					
EAST ALBION NURS	·90	·35	12	6	0	0	87·3	65·3	76·2	91	60		146·2				
EMPIRE NURSERY	2·38	1·16	31	5	2	1	61·0	58·5	69·9	86	55						
FARM HILL	2·80	2·02	31	5	1	1	76·5	57·5	67·0	78	53						
FROME	3·36	1·26	20	9	3	1	88·3	66·6	77·5	91	64		242·6				
HALLS DELIGHT	2·50	·92	30	10	2	0	77·0	60·3	68·7	81	58						
HOPE GARDENS							85·9	58·8	72·3	88	54						
IRWIN	1·29	·51	19	5	1	0	85·8	65·1	75·5	89	63						
KINGSTON ST·GEO	·16	·08	31	2	0	0	86·8	70·4	78·6	88	68						
MARSHALLS PEN	7·45	2·32	20	7	6	3	80·2	61·6	70·9	83	57	55·1					
MASON RIVER FIELD	1·34	·60	30	5	1	0	80·7	58·7	69·7	84	55						
MONTEGO BAY APT	·54	·40	5	4	1	0	84·6	69·1	76·9	87	67		261·4				
MONYMUSK							89·1	65·1	77·1	91	61		250·7				
MORANT POINT LH	2·10	·59	19	7	2	0	83·8	71·5	77·7	86	65						

TABLE II SUMMARY OF DAILY OBSERVATIONS MARCH 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
JAMAICA																	
NEGRIL POINT LH	2·97	1·40	5	8	3	1	87·4	69·8	78·6	91	67			3	0	0	0
ORANGE RIVER	4·29	1·30	5	11	3	2	80·2	63·3	71·8	85	58		228·2				
PALISADOES APT	·04	·04	31	1	0	0	86·6	71·9	79·3	90	65		240·3	1	0	0	0
SMITHFIELD	5·28	1·59	7	7	3	2	80·5	65·7	73·1	83	63		231·1				
WORTHY PARK	1·06	·42	19	8	1	0	82·4	60·9	71·7	86	56		217·9				
BELIZE																	
BELIZE AIRPORT	4·18	1·66	30	7	4	1	83·9	71·0	77·4	88	64		245·6	0	2	0	0
GUYANA																	
BARTICA POTARO R	5·48	1·44	15	9	6	2	89·7	69·9	79·8	92	66						
DAWA	4·06	1·07	7	12	4	1											
EBINI	7·48	2·37	12	16	4	2	85·8	69·7	77·7	89	66		139·7				
FRIENDSHIP	6·53	1·20	12	11	6	2	85·0	69·9	77·4	88	67		180·0				
GEORGETOWN BOT G	3·16	·76	1	8	3	0	83·6	75·2	79·4	86	71	70·6	211·3				
GREAT FALLS	6·40	1·64	17	16	5	2	85·7	77·2	81·5	89	68	68·9		7	31	0	0
HOSORORO	1·03	·37	12	7	0	0		70·5			68						
KAMARANG	2·56	·66	21	13	2	0	82·1	66·4	74·2	85	61	64·3	153·3	0	2	0	0
MABARUMA	·61	·28	8	5	0	0											
MAHAICONY ABARY	·53	·16	20	6	0	0	85·2	72·5	78·9	87	70		237·8				
MAZARUNI PRISON	3·17	1·17	11	9	2	1	86·9	71·5	79·2	90	69		152·4				
MON REPOS	3·54	·79	9	11	3	0	84·0	72·7	78·3	86	70		221·7				
NEW AMSTERDAM	5·40	1·53	23	15	4	1	85·7	73·2	79·4	87	71						
PORT KAITUMA	2·45	·99	18	10	1	0	88·8	66·0	77·4	94	62						
ST IGNATIUS	·58	·14	13	4	0	0	91·4	74·0	82·7	95	70		235·1				
TIMEHRI AIRPORT	4·39	·86	1	12	4	0	85·9	70·1	78·0	90	67						
TIMEHRI CHS	4·10	·94	1	14	4	0	86·0	66·8	76·4	90	62						
WAUNA	1·00	·28	12	5	0	0	87·7	66·8	77·3	9	62		214·8	0	4	0	0

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS MARCH 1971

COUNTRY STATION	RUN OF WIND (in miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F At 2 inch depth					At 4 inch depth				TOTAL RADIATION (langleys)		
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	95	123	8·19	·34	4										14983	579	365
PENAL AG STATION	77	103	7·04	·32	12	93·5	73·6	99	12	71	86·6	78·2	90	77			
PIARCO AIRPORT	109	142	9·81	·45	13												
ST AUGUSTINE UWI	27	43	5·82	·28	21										13722	570	301
TOBAGO																	
CROWN POINT APT			7·78	·34	2												
LOUIS D/OR	53	81	6·57	·34	10												
GRENADA																	
MIRABEAU	93	130	6·94	·38	24	92·1	76·1	98	7	74	86·9	77·0	91	75			
BARBADOS																	
HUSBANDS CMI	135	183				86·3	72·1	91	25	70	80·8	73·6	84	72			
ST VINCENT																	
CAMDEN PARK	105	143	7·41	·33	31										18225	718	285
DOMINICA																	
ROSEAU	98	171	7·63	·33	31										16207	596	387
MONTSERRAT																	
GROVE	151	234	8·70	·41	2										15859	681	207
ST KITTS NEVIS																	
NEEDSMUST			4·37	·36	8						87·1	71·4	94	68			

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS MARCH 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
JAMAICA																	
BODLES	69	154	7•40	•38	18										16307	697	421
CEDAR VALLEY	31	42	5•16	•27	25												
EAST ALBION NURS	7	22															
EMPIRE NURSERY	23	51															
FARM HILL	39	163															
FROME			5•95	•36	27												
HALLS DELIGHT	34	92															
MONTEGO BAY AIRP	122	272	8•97	•45	31												
NEGRIL POINT LH			4•95	•21	16												
ORANGE RIVER	42	80															
PALISADOES APR	98	208	8•42	•51	27												
SMITHFIELD	65	106	5•15	•23	9	86•2	69•1	91	23	66	81•9	70•7	85	68			
WORTHY PARK	59	165	5•16	•19	21												
GUYANA																	
DAWA			5•32	•37	11												
EBINI	85	149	5•92	•35	9						85•5	75•7	90	73			
FRIENDSHIP	62	82	6•20	•28	18												
GEORGETOWN BOT G	97	130	6•33	•33	30												
GREAT FALLS			3•99	•23	30												
KAMARANG	24	33	5•23	•28	27												
MAHAICONY ABARY	114	209	8•65	•46	19												
ST IGNATIUS	192	224	12•80	•60	31												
TIMEHRI CHS	66	120															
WAUNA	35	47	6•60	•38	26	93•8	74•3	98	28	71							

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS MARCH 1971

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO	.08		.19	.30	.42	.60	1.12	1.18
PENAL AG STATION	.16	.20	.22	.35	.51	.71	1.33	1.48
PIARCO AIRPORT	.08	.14	.18	.24	.36	.47	.67	.67
ST AUGUSTINE UWI		.14	.20	.31	.32	.34	.35	.35
TOBAGO								
CROWN POINT APT	.16	.22	.26	.45	.70	.89	.93	1.07
LOUIS D/OR	.18	.18	.18	.26	.37	.48	.56	.66
GRENADA								
MIRABEAU	.25	.46	.56	.56	.56	.56	.56	.63
BARBADOS								
HUSBANDS CMI	.20	.31	.40	.52	.79	.87	1.11	1.21
SEAWELL AIRPORT					.74	1.05	1.07	1.07
ST VINCENT								
CAMDEN PARK	.15	.18	.19	.26	.26	.28	.28	.28
JAMAICA								
BODLES	.09	.09	.09	.09	.09	.09	.09	.09
CEDAR VALLEY	.16	.26	.30	.33	.41	.54	1.00	1.00
DUCKENFIELD	.29	.51	.65	1.04	1.15	1.18	1.47	1.52
EAST ALBION NURS	.05	.08	.14	.20	.27	.27	.34	.35
HALLS DELIGHT	.17	.29	.40	.67	.79	.89	.92	.92
MONTEGO BAY	.04	.07	.11	.20	.40	.40	.40	.40
PALISADOES APT					.04	.04	.04	.04
SMITHFIELD				1.18	1.86	1.87	2.01	2.01
GUYANA								
APAIKWA	.28	.44	.63	1.16	1.47	1.60	1.80	2.04
COOPERS LANDING	.16	.27	.35	.44	.74	.86	.92	.92
DAWA	.19	.31	.50	.70	.80	.88	.91	1.07
EBINI	.14	.24	.32	.52	.72	.92	1.67	1.71
FRIENDSHIP	.29	.42	.47	.69	.87	1.02	1.14	1.16
GEORGETOWN BOT G	.25	.50	.55	.60	.62	.65	.76	.76
GREAT FALLS	.32	.56	.71	1.00	1.19	1.20	1.57	1.58
KAMARANG	.09	.11	.16	.23	.27	.31	.52	.66
KERAHA LDG	.18	.33	.36	.41	.68	.71	1.06	1.12
MAHAICONY ABARY	.06	.08	.08	.08	.08	.09	.09	.09
MARIPA	.23	.27	.40	.56	.83	1.33	1.36	1.44
NEW AMSTERDAM	.18	.24	.26	.31	.40	.68	1.41	1.53
PLANTAIN ISLAND	.14	.25	.30	.40	.44	.46	.99	1.09
ST IGNATIUS	.13	.19	.20	.20	.20	.20	.20	.20
TIMEHRI CHS	.20	.34	.42	.46	.50	.55	.94	1.31
WAUNA	.07	.14	.16	.21	.24	.26	.26	.26

TABLE V – SUMMARY OF WINDSPEED RECORDS MARCH 1971

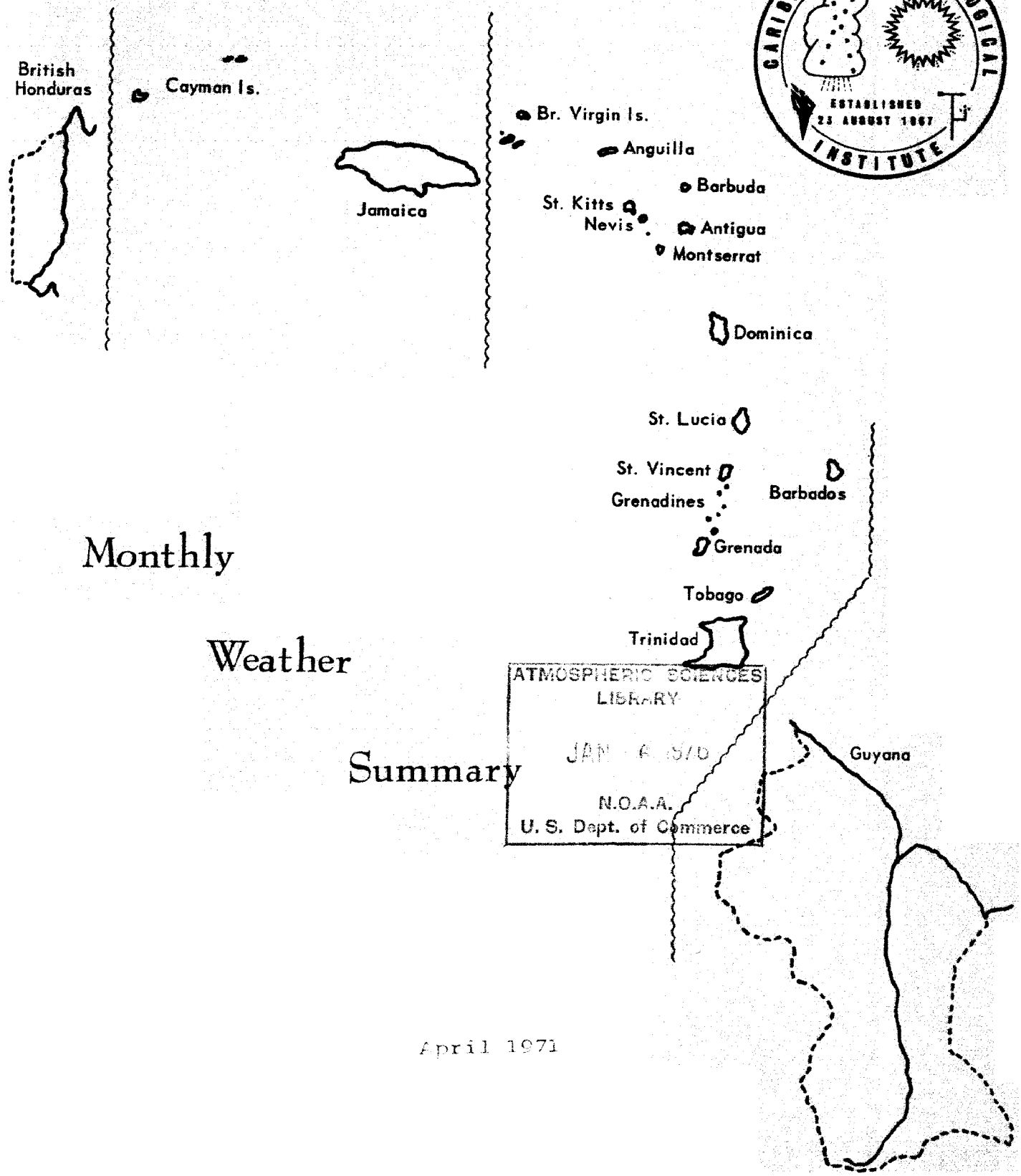
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	08	18	10	4	06	30	0945	4	0	0	0	7·0
TOBAGO												
CROWN POINT APT	10	18	13	3	10	30	1235	3	0	0	0	7·8
BARBADOS												
HUSBANDS CMI	07	16	08	19	07	26	0720	19	0	0	0	7·7
ANTIGUA												
COOLIDGE AIRPORT	09	18	01	1	12	30	0915	6	0	0	0	12·4
JAMAICA												
MONTEGO BAY	07	20	14	12	08	30	1510	12	0	0	0	7·0
PALISADOES APT	12	20	16	14	12	30	1545	14	0	0	0	4·6
GUYANA												
EBINI	04	18	16	3	06	28	1300	2	0	0	0	5·5
GEORGETOWN O R R	04	25	04	8	05	33	1910	12	0	0	0	15·4
KAMARANG	05	9	17	3	05	28	1650	3	0	0	0	2·1

TABLE VI – SUMMARY OF SUNSHINE RECORDS MARCH 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19					NIL	0·1–3·0	3·1–6·0	6·1–9·0	9·1–12·0	MORE THAN 12
TRINIDAD																								
CENTENO	0	1	32	83	85	82	82	84	82	74	71	57	6	0	228·7	61	9·8	4	0	2	6	17	6	0
PENAL AG STATION	0	0	14	80	76	74	50	31	57	42	28	13	0	0	144·4	39	9·0	4	1	6	17	7	0	0
PIARCO AIRPORT	0	19	75	84	80	80	78	79	73	71	69	58	14	0	241·5	65	10·9	26	0	2	4	13	12	0
ST AUGUSTINE UWI	0	7	78	88	84	83	83	88	77	80	73	22	0	0	236·1	63	9·8	9	0	1	3	17	10	0
TOBAGO																								
CROWN POINT APT	0	23	68	73	81	85	85	80	76	74	73	64	27	0	250·9	67	9·8	9	0	2	4	14	11	0
LOUIS D/OR	0	5	52	63	86	89	88	88	84	79	65	49	1	0	232·3	62	10·9	7	0	2	3	21	5	0
GRENADA																								
MIRABEAU	0	8	45	62	80	83	82	75	75	71	51	24	3	0	204·3	55	9·2	28	1	2	6	21	1	0
BARBADOS																								
HUSBANDS CMI	0	12	65	69	82	85	82	82	87	84	79	71	11	0	250·8	67	10·4	1	0	2	3	14	12	0
SEAWELL AIRPORT	0	18	59	78	91	93	84	92	94	94	90	78	34	0	283·5	76	11·2	1	0	0	3	8	20	0
ST VINCENT																								
CAMDEN PARK	0	2	51	79	89	92	92	94	93	85	80	65	17	0	259·5	69	10·4	31	0	1	2	15	13	0
DOMINICA																								
MELVILLE HALL AP	0	1	54	71	86	88	91	93	89	85	84	59	1	0	248·8	67	10·1	22	0	1	1	18	11	0
ROSEAU	0	0	28	72	84	87	88	86	87	85	77	56	1	0	233·0	62	9·7	3	0	1	5	18	7	0
MONTSERRAT																								
GROVE	0	0	12	51	79	87	90	88	92	93	86	51	2	0	227·0	61	8·9	15	0	0	4	27	0	0
BR VIRGIN IS																								
PARAQUITO BAY	0	40	92	96	96	99	99	89	95	97	95	93	58	0	316·0	87	11·4	11	0	0	0	0	31	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS MARCH 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12
JAMAICA																								
BODLES	0	25	93	98	94	88	84	90	77	65	63	65	32	0	270•9	73	11•1	17	0	0	4	11	16	0
EAST ALBION NURS	0	14	44	49	47	49	45	45	39	40	41	43	16	0	146•2	39	10•4	17	2	11	3	5	6	0
FROME	0	10	84	96	96	96	90	85	73	65	44	38	5	0	242•6	65	10•3	17	0	0	5	18	8	0
MONTEGO BAY	0	21	83	86	90	85	87	80	87	80	78	60	13	0	261•4	70	10•7	1	0	2	1	13	15	0
MONY MUSK	0	10	82	83	95	91	85	90	88	81	71	56	5	0	250•7	72	10•4	30	0	0	3	9	15	0
ORANGE RIVER	0	1	59	76	79	72	77	75	69	72	66	62	24	0	228•2	61	10•4	11	0	3	6	10	12	0
PALISADOES	0	33	79	70	77	70	78	77	77	73	66	57	17	0	240•3	64	11•2	29	0	3	4	16	8	0
SMITHFIELD	0	18	75	88	95	89	89	71	65	55	53	40	8	0	231•1	62	10•4	9	0	0	7	17	7	0
BELIZE																								
BELIZE AIRPORT	0	10	67	82	85	83	77	81	84	81	78	80	11	0	245•6	68	10•6	2	0	3	2	10	15	0
GUYANA																								
EBINI	0	3	30	45	44	45	42	45	45	50	48	44	9	0	139•7	37	9•6	6	3	8	8	10	2	0
FRIENDSHIP	0	4	34	49	60	64	64	59	63	66	62	52	5	0	180•0	46	10•7	1	1	6	6	14	4	0
GEORGETOWN BOT G	0	7	47	61	72	76	80	81	75	69	60	45	9	9	211•3	56	10•9	27	0	6	5	10	10	0
KAMARANG	0	0	22	33	47	49	52	52	60	61	62	45	11	0	150•3	41	9•4	30	0	9	12	8	2	0
MAHAICONY ABARY	0	9	51	67	82	86	83	79	86	82	74	56	12	0	237•8	64	10•1	2	0	3	3	15	10	0
MAZARUNI PRISON	0	0	21	53	58	59	59	56	53	54	50	27	1	0	152•4	41	9•2	22	1	8	12	9	1	0
MON REPOS	0	5	42	67	75	80	85	85	79	72	63	48	14	0	221•7	59	10•5	1	0	1	10	7	13	0
ST IGNATIUS	0	20	50	65	70	72	76	78	76	74	73	73	31	0	235•1	63	11•3	24	0	2	7	10	12	0
WAUNA	0	11	60	79	76	68	55	65	65	63	67	63	20	0	214•8	57	10•7	1	0	2	8	17	4	0



CARIBBEAN METEOROLOGICAL INSTITUTE
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Monthly Weather Summary

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April 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute
Husbands, St. James, Barbados, W.I.

April 1971

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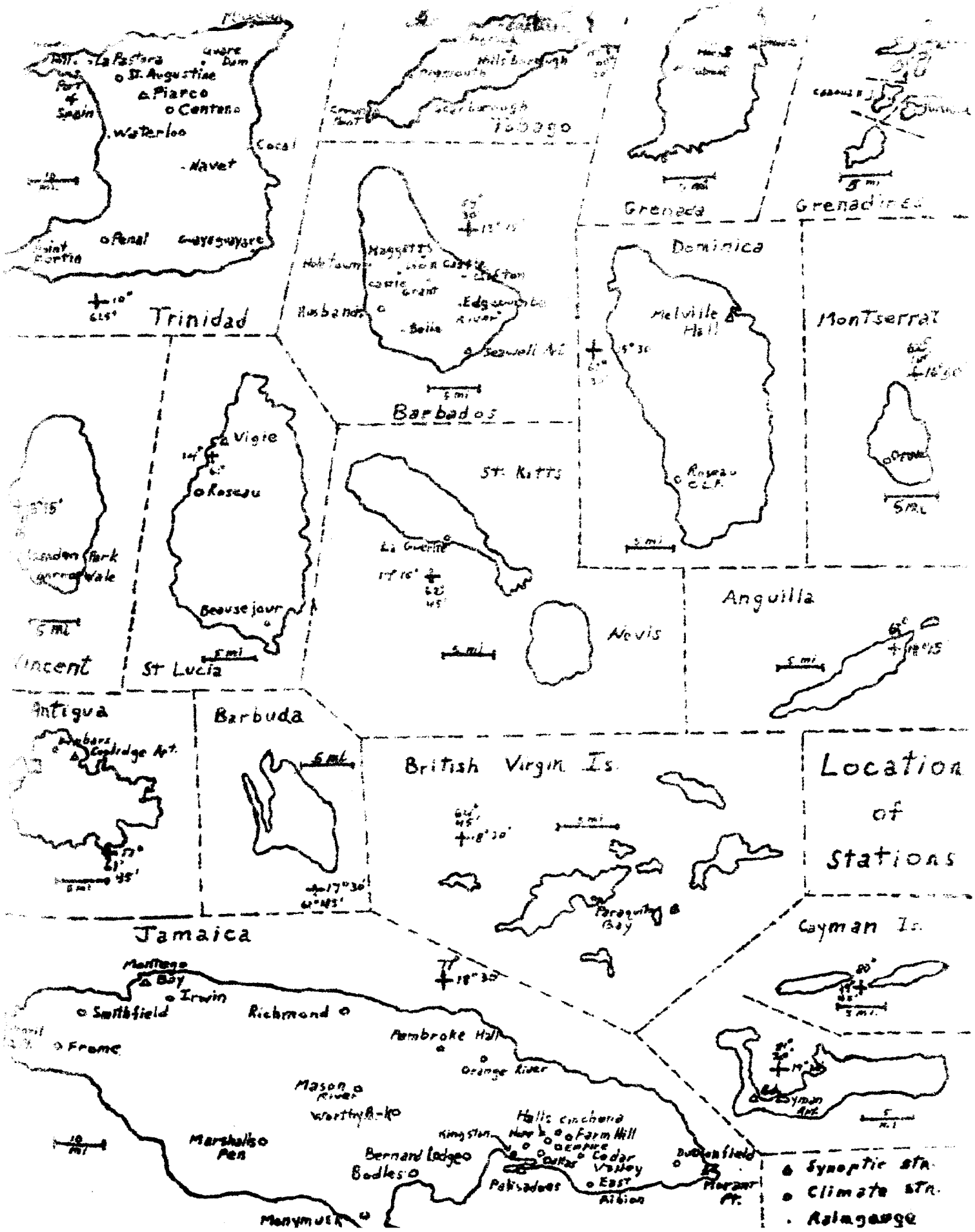
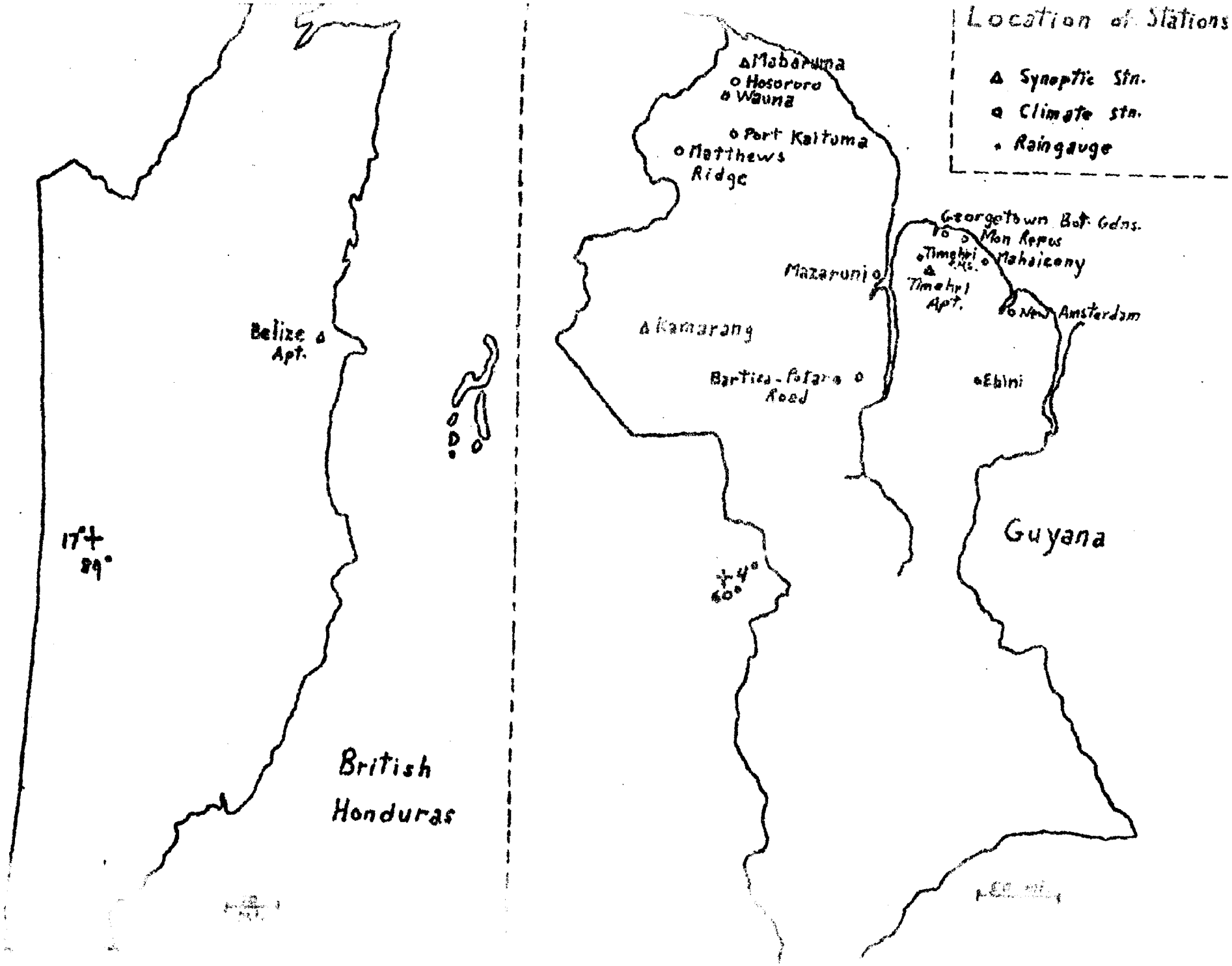


Location of Stations
Trinidad
La Pastora
St. Augustine
Piarco
Centeno
Waterloo
Navet
Penal
Cocal
Tobago
Grenada
Grenadines
Dominica
Melville Hall
Roseau C.L.F.
Montserrat
Barbados
Maggetts
Holetown
Husbands
Belle
Seawell Apt.
St. Kitts
La Guerite
Nevis
Anguilla
Vigie
Roseau
Beausejour
St Lucia
Vincent
Antigua
Barbuda
British Virgin Is.
Paraquita Bay
Jamaica
Montego Bay
Irwin
Smithfield
Richmond
Frome
Pembroke Hall
Orange River
Mason River
Worthy Park
Marshalls Pen
Bernard Lodge
Bodles
Monymusk
Kingston
Halls
Cinchona
Farm Hill
Empire
Cedar Valley
Palisadoes
East Albion
Duckenfield
Morant Pt.
Cayman Is.
Cayman Apt.
Synoptic stn.
Climate stn.
Raingauge


Location of Stations
Synoptic Stn.
Climate stn.
Raingauge
Mabaruma
Hosororo
Waruna
Port Kaituma
Matthews Ridge
Georgetown Bot. Gdns.
Mon Repos
Timehri
Mahaicony
Timehri Apt.
Mazaruni
New Amsterdam
Kamarang
Bartica-Potaro Road
Ebini
Belize Apt.
17°
89°
4°
60°
British Honduras
Guyana

NOTES ON THE OBSERVATIONS AND SUMMARIES

GENERAL

1. The maps show the approximate location of the stations, including some that are in the process of being established and others from which returns are sometimes delayed. Thus in any particular month summaries for a station may not appear in the tables. It is expected that supplementary tables, incorporating previously missed observations, will be added from time to time. A complete station list is published in the January issue each year.

2. Thermometers are exposed in louvred wooden screens with their bulbs approximately 4 feet above the ground. Forced ventilation of the wet and dry bulb thermometers is not generally used.

3. At most stations the raingauge has its rim 1 foot above the ground but in Guyana this height is generally one metre. Most of the standard gauges are 5 inches in diameter; the recording gauges, usually of the tilting-syphon or natural-syphon types, are either 5 or 8 inches in diameter.

4. Local Standard Time (LST) in Belize is 6 hours behind Greenwich Mean Time (GMT); in Jamaica and the Cayman Islands, it is 5 hours behind, and in the rest of the countries, it is 4 hours behind. For some of the daily observations the unit of time is the calendar day; for others, it is the 24-hour period commencing at the time of the morning observation on that date and called the "climate day".

5. In each summary table, stations are arranged in alphabetical order within countries. The countries are arranged in geographical order commencing with Trinidad, then moving northwards and westwards along the island chain through Jamaica and the Cayman Islands to Belize, and concluding with Guyana.

6. A blank space indicates that data are not available, or were considered unreliable.

TABLE I

1. This table gives summaries of observations made at fixed hours, LST. At synoptic stations these are the main synoptic reporting hours (00, 06, 12, 18h GMT). At other stations they are the one or two hours at which observations are made each day.

2. The mean dry bulb and wet bulb temperatures are the averages of the 30 or 31 (28 or 29 for February) daily values as measured at that time of day. The mean vapour pressure is similarly the average of the 30 or 31 computed daily values. On the other hand, the mean relative humidity is computed as the ratio of the mean vapour pressure to the saturation vapour pressure at the mean dry bulb temperature.

3. Barometric pressure is generally measured only at synoptic stations. The values given are the means of the 30 or 31 daily observations at that time, each reduced to mean sea level before being averaged.

4. The observation hour windspeed is generally read from an indicator, but at some stations it is taken from the anemograph chart. The average of the 30 or 31 daily values is given in this table. They must be considered as indicating only the mean speed during the month for a particular time of day, and a mean daily windspeed should not in general be calculated from them. This is particularly true of stations with only one or two hourly observation times, and at those where the four synoptic hour values indicate a significant diurnal effect.

5. Cloud cover is observed at synoptic stations and reported as the fraction of the sky (in eighths) that is occupied by cloud. The mean amount given here is the average of the 30 or 31 daily reports for that time of day. The number of days on which the sky was clear at that time of day (0 eighths), mostly clear (1, 2), partly cloudy (3-5), mostly cloudy (6, 7), or overcast (8) is given in the following columns. An entry in the column headed "9" would indicate an observation for which the sky was either partially or wholly obscured (as, for instance, by fog). It should be noted that the total number of observations in the six columns will be equal to the number of days in the month, unless an observation was missed.

6. Visibility is reported from the synoptic stations in terms of the number of miles (or yards) at which objects are clearly distinguishable. This is customarily "10 or more miles" unless some obscuring material (usually haze, smoke, fog or rain) is present in the air. Again, the total number of observations in these eight columns will be equal to the number of days in the month unless an observation was missed.

TABLE II

1. This table gives summaries of the usual daily observations. All stations listed in Table I should also have entries here. In addition, stations observing only rainfall and/or temperature extremes, will be included in Table II but not in Table I.

2. The rainfall data are from the standard raingauge at each station. The observation is taken in the morning usually at 12h G.T (i.e. at 6 to 8 A.M. LST) and is entered to the previous day. The "climate day" thus terminates at the time of the following morning's observation and not at midnight. The most

/ct'd.....

rain in a day, the date on which it occurred, and the number of days with amounts exceeding .04, .40 and 1 inch, all refer to the "climate day".

3. Maximum and minimum temperatures are read in the morning, with the maximum being entered to the previous day. As indicated, the mean daily temperature given in this table is the average of mean maximum and mean minimum temperatures. The highest maximum and lowest minimum observed during the month are also given.

4. The grass minimum temperature is found from a thermometer exposed to the atmosphere at a height of 2 inches above the ground. As it will cool through overnight radiation loss, generally lower temperatures than those from the screened thermometers will be observed. The mean of the 30 or 31 daily values is given in the table.

5. All stations for which monthly sunshine totals are given here will normally have entries in Table VI as well.

6. At synoptic and a few other stations, the observer is asked to note the occurrence of thunder, fog, hail or gale (i.e. a mean windspeed in excess of 34 knots). The total number of calendar days during the month with such occurrences is given here. It should be emphasized that unless the station is manned continuously, these events, particularly thunder, are likely to be under-counted.

TABLE III

1. This table gives summaries of additional daily observations of importance primarily to agriculture.

2. The wind mileage data are from totalizing cup anemometers set 6 feet above the ground. The counters are read at the morning observation hour and hence both the "daily mean" and "most in a day" figures refer to the climate day rather than the calendar day. It should be noted that, as the mean hourly windspeeds calculated from these values would refer to a 6 foot height, they will be significantly lower than those means that may appear for the same stations in Table V.

3. Evaporation is usually measured using a Class A pan, a metal container, 4 feet in diameter and 10 inches deep, which is exposed on a wooden platform just above the ground. The water depth in the pan is maintained at between 7 and 8 inches, with changes in the level being measured at each morning's observation. The total water loss for the month is given in the table together with the maximum daily loss during the month and the date on which it occurred. Both these last entries refer to the climate day. Daily readings are sometimes missed when the pan is cleaned or repaired. If more than four readings in a month are missing, no total is shown, if three or four readings are missing, the total is adjusted and printed with the letter 'M' next to it, if one or two readings are missing, the adjusted total is printed but without an "M".

/ct'd.....

4. Soil temperature extremes are read in the morning; the maxima being entered to the previous day. The mean maximum, mean minimum and extremes are given for the two depths that are most frequently instrumented at the various stations.

5. Radiation measurements are mostly from Gunn-Bellani pyranometers that are read in the morning and are entered to the previous day. While the most and least in a day will refer to the climate day, there will be little difference for solar radiation between climate and calendar days as the morning observation is generally taken shortly after sunrise.

TABLE IV

1. This table gives maximum rainfall amounts during specified periods of time, as determined from the charts of recording raingauges.

2. It is important to note that, presently, the measurement of maximum amounts at some stations is confined to single 24-hour periods (the climate, or rainfall day) while at others two daily charts may be combined when necessary for the determination of maximum amounts. These two procedures are likely to produce divergent results only for the 6 and 12 hourly periods, with the former method tending to under-record these maximum amounts.

TABLE V

1. This table gives mean windspeeds and details of the highest winds recorded at stations possessing anemographs. These figures normally relate to heights of between 30 and 60 feet above the ground.

2. For each hour during the month a mean windspeed to the nearest knot is read off the chart. The prevailing wind direction to the nearest 10° is also given. The highest speed for any clock hour is given in this table, together with the corresponding direction and time and date of occurrence.

3. The direction, speed and occurrence time of the highest gust during the month is also given. While response characteristics of the different anemographs in use varies, this will generally represent the speed over a 2-5 second averaging time.

4. The number of hours during the month in which one or more gusts occur that exceed 33, 47 and 63 knots (i.e. Beaufort force 7, 9 and 11 respectively), are given in the next three columns. These values correspond to 38, 55 and 72 miles per hour.

5. The average of all the hourly anemograph values during the month is given in the last column. At stations where the diurnal effect is relatively small, this figure and the average of the four windspeed entries for synoptic stations in Table I should be reasonably close.

/ct'd.....

TABLE VI

1. This table gives summaries of the hourly and daily amounts of sunshine, measured by Campbell-Stokes sunshine recorders. The time scale produced by the recorder and used here is centred on solar noon and is referred to as local apparent time (LAT). Except for the Cayman Islands, local apparent time does not differ from the local standard time by more than ± 10 minutes on average.

2. During each hour the amount of direct sunshine is measured in tenths of an hour. The mean duration figures given here are the averages of the 30 or 31 daily values for that hour; as they are in hundredths, they can also be considered as giving directly the percentage of time that the sun shone for each hour during the day.

3. The total duration in hours will be equal to the sum of the previous columns times the number of days in the month. It is also expressed as a percentage of the maximum amount possible, based on the stations' latitude and the season.

4. The most sunshine in any day and the date of occurrence are given; where two or more days are tied for maximum, only the earlier date is listed.

5. The number of days with sunshine amounts in different ranges is given in the last part of the table. The sum of the entries here should equal the number of days in the month. Where they do not, it indicates that one or more values have been missed; provided that fewer than 6 days are missing, the monthly total duration will have been adjusted to represent the whole month.

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0-440	440-1,100	1,100-2,200	miles 1/4-1/2	1-2	2-3	3-5	5-10	10 or more
TRINIDAD																								
CENTENO	50	08	79·5	75·1	28·0	81																		
PENAL AG STATION	25	08	75·4	72·6	26·1	87																		
PIARCO AIRPORT	41	02	73·1	70·5	24·3	87	1012·5	2·7	3·0	2	12	10	6	0	0	0	0	1	0	0	0	3	26
		08	79·0	73·3	25·3	75	1014·0	8·1	3·7	0	12	7	11	0	0	0	0	0	0	0	0	5	25
		14	87·6	73·6	22·0	49	1012·2	13·8	5·7	0	1	10	17	2	0	0	0	0	0	0	0	1	29
PIARCO AIRPORT	41	20	77·5	72·4	24·9	74	1012·5	5·9	3·1	1	15	8	6	0	0	0	0	0	0	0	0	3	27
ST AUGUSTINE UWI	52	08	80·1	72·9	24·6	70		2·0	4·6	0	5	15	8	0	2								
		16	84·5	73·0	22·6	56		3·0	5·8	0	0	13	14	0	3								
TOBAGO																								
CROWN POINT AIRP	9	02	76·1	71·7	24·6	80	1012·7	6·0	3·2	0	13	12	5	0	0	0	0	0	0	0	0	0	30
		08	81·3	72·3	24·9	68	1014·4	10·5	4·5	0	10	6	14	0	0	0	0	0	0	0	0	0	30
		14	85·8	75·8	26·0	62	1012·7	12·8	4·4	0	9	8	13	0	0	0	0	0	0	0	0	1	29
		20	77·6	72·4	24·9	77	1012·9	6·6	3·7	0	10	11	9	0	0	0	0	0	0	0	0	0	30
LOUIS D/OR	40	08	81·0	74·3	26·0	72		2·3															
GRENADA																								
MIRABEAU	450	08	80·0	77·3	31·2	89			4·8	0	2	19	9	0	0								
		16	79·1	77·4	31·1	92				0	0	20	9	1	0								
PEARLS AIRPORT	22	08	79·8	74·0	26·1	75	1013·8	9·3	4·4	0	2	17	8	0	0	0	0	0	0	0	0	1	26
		14	83·2	75·5	26·9	69	1012·2	10·4	4·3	0	2	19	6	0	0	0	0	0	0	0	0	1	26
BARBADOS																								
HUSBANDS CMI	370	08	79·1	72·8	24·8	73	1015·3	9·9	5·4	0	2	12	16	0	0	0	0	0	0	0	0	0	30
		14	82·9	73·9	24·5	64	1013·1	12·0	5·8	0	0	11	18	1	0	0	0	0	0	0	0	0	30
SEAWELL AIRPORT	183	02	77·3	72·6	25·2	79	1013·0	10·2	3·5	0	13	9	8	0	0	0	0	0	0	0	0	0	30
		08	79·8	73·6	25·7	75	1015·0	13·6	5·1	0	6	6	18	0	0	0	0	0	0	0	0	0	30
		14	82·3	74·4	25·6	68	1013·2	14·1	4·5	0	9	8	12	1	0	0	0	0	0	0	0	0	30
		20	78·2	73·2	25·6	78	1013·7	10·2	4·0	0	11	9	10	0	0	0	0	0	0	0	0	0	30
ST VINCENT																								
ARNOS VALE AIRPO	30	08	79·8	72·7	24·5	71	1014·8	11·3	5·0	0	4	8	12	1	0	0	0	0	0	0	0	2	23
CAMDEN PARK	30	08	81·0	73·8	25·4	70	1016·4																
		16	83·0	73·9	24·5	64																	
DOMINICA																								
ELVILLE HALL AP	43	09	81·4	73·1	24·1	66	1017·0	10·3	4·7	0	0	16	7	0	0	0	0	0	0	0	0	9	14
		14	84·5	74·5	24·6	61	1015·7	11·0	4·3	0	1	16	6	0	0	0	0	0	0	0	0	7	16
OSEAU	220	09	80·2	75·4	27·9	79																	

TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0—440	440—1,100	1,100—2,200	miles: 1/4—2	2—3	3—5	5—10	10 or more
MONTSERRAT																							
GROVE	150	08	79·1	72·6	24·5	72				0	8	15	7	0	0								
		16	80·9	73·4	24·7	69			2·7	0	18	10	2	0	0								
ANTIGUA																							
COOLIDGE AIRPORT	26	08	79·0	73·1	25·0	74	1015·9	11·3	4·2	0	5	18	6	1	0	0	0	0	0	0	0	0	30
		14	83·6	74·1	24·6	63	1014·7	13·8	3·6	0	11	13	6	0	0	0	0	0	0	0	1	0	29
		20	77·6	72·4	24·9	77	1015·0	9·4	2·9	0	16	9	5	0	0	0	0	0	0	0	0	0	30
DUNBARS	220	09	81·6	73·3	24·5	67																	
JAMAICA																							
BERNARD LODGE	55	08	77·4	71·7	24·2	75																	
BODLES	60	07	72·5	69·0	22·8	84																	
		13	84·6	74·1	24·4	60																	
CAENWOOD	50	08	80·3	78·7	32·8	93																	
		16	81·5	80·0	34·3	93																	
CEDAR VALLEY	1980	07	66·5	64·5	19·9	90																	
		13	78·8	70·5	21·8	65																	
CINCHONA GARDENS	4897	07	60·9	57·8	15·0	82																	
		16	63·9	61·6	17·8	88																	
DALLAS	950	09	77·1	71·3	23·6	74																	
DALLAS	950	15	84·5	73·2	24·5	61																	
DUCKENFIELD	60	08	78·8	73·2	25·4	76																	
EAST ALBION NURS	90	07	76·5	69·6	21·8	70																	
		13	85·9	73·6	23·0	54																	
EMPIRE NURSERY	2130	07	63·1	61·5	18·1	92																	
EMPIRE NURSERY	2130	13	76·8	68·4	20·0	63																	
FARM HILL	4020	07	62·6	59·8	16·3	84																	
		13	74·3	70·9	24·4	84																	
HALLS DELIGHT	3020	07	67·3	61·9	16·6	73																	
		13	73·3	66·9	19·7	68																	
HOPE GARDENS	712	07	65·7	62·3	17·7	82																	
IRWIN	80	08	77·2	72·0	24·5	77																	
		15	81·9	73·8	25·3	68																	
KINGSTON ST GEO		07	74·5	70·0	23·1	79																	
		13	85·0	75·9	26·5	64																	

TABLE 1[a] SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No. of Observations) yards 0-440	440-1,100	1,100-2,200	miles 1/4-2	2-3	3-5	5-10	10 or more
JAMAICA																							
MARSHALLS PEN	2300	07	66·5	64·1	19·5	88		4·5															
		13	78·3	69·4	20·5	62		5·8															
MASON RIVER FIEL	2300	07	65·1	63·9	19·8	94																	
		13	79·0	70·9	22·3	66																	
		19	65·4	63·7	19·4	91																	
MONTEGO BAY APT	3	01	72·9	69·5	23·2	84	1014·2	4·2	3·2	0	16	6	7	1	0	0	0	0	0	0	0	1	29
		07	73·6	69·9	23·4	83	1014·6	4·7	2·9	1	17	5	5	2	0	0	0	0	0	0	1	0	29
		13	83·3	73·8	24·3	62	1014·1	15·5	3·0	0	18	4	7	1	0	0	0	0	0	0	0	0	30
		19	77·9	72·4	24·8	76	1013·1	6·4	3·8	0	12	8	9	1	0	0	0	0	0	0	0	0	30
MONYMUSK	30	08	79·1	76·5	30·1	89																	
MORANT POINT LH	6	01	78·1	74·1	27·0	82		7·0															
		07	77·5	73·8	26·9	84		7·3															
		13	82·4	76·8	29·1	77		7·7															
		19	79·2	75·2	28·1	83		6·2															
ORANGE RIVER	950	08	72·3	70·6	24·8	92																	
ORANGE RIVER	950	16	76·1	73·4	26·9	88																	
PALISADOES APT	9	01	75·7	70·9	24·1	80	1013·6	5·3	1·8	3	20	5	2	0	0	0	0	0	0	0	0	0	30
		06	76·8	71·0	23·4	74	1014·0	3·6	2·2	1	20	6	3	0	0	0	0	0	0	0	0	0	30
		13	84·7	74·8	25·5	63	1013·5	12·9	2·9	0	16	9	5	0	0	0	0	0	0	0	0	0	30
		19	78·4	72·6	25·1	75	1012·9	11·8	3·8	0	13	7	9	1	0	0	0	0	0	0	0	0	30
SMITHFIELD	925	08	74·5	69·0	21·9	73																	
WORTHY PARK	1250	07	67·0	65·0	20·2	89																	
		15	77·2	69·9	21·9	69																	
BR HONDURAS																							
BELIZE AIRPORT	17	06	72·7	70·5	24·8	91	1012·9	2·0	4·0	0	7	8	11	0	0	0	0	0	0	2	3	12	9
		12	83·4	75·9	27·2	70	1012·3	7·0	3·9	2	9	6	8	1	0	0	0	0	0	0	2	9	15
		18	79·3	73·5	25·8	75	1011·1	5·0	3·8	1	10	8	7	2	0	0	0	0	0	1	0	13	14
GUYANA																							
BARTICA POTARO R	400	08	75·7	74·1	28·1	93																	
		14	85·1	77·4	28·7	70																	
EBINI	60	08	75·9	74·1	27·9	91	1013·3	2·8															
		14	83·5	75·4	26·4	68	1010·1	8·5															
FRIENDSHIP		08	75·9	74·3	28·2	92																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No. of Observations) yards 0–440	440–1,100	1,100–2,200	miles 1¼–2	2–3	3–5	5–10	10 or more
GUYANA																							
FRIENDSHIP		14	83·2	75·5	26·7	69																	
GEORGETOWN BOT G	7	08	79·8	74·9	27·4	79	1013·6	6·9	6·0	0	0	10	17	3	0	0	0	0	0	0	0	2	28
		14	82·6	75·7	27·3	72	1011·6	9·2	5·7	0	0	12	15	3	0	0	0	0	0	0	0	2	28
GREAT FALLS		08	74·3	73·3	27·6	96																	
		14	83·7	77·4	29·2	74																	
HOSORORO		08	78·2	74·3	27·2	83																	
		14	86·2	75·4	25·3	59																	
KAMARANG		08	69·9	68·6	23·3	94	1016·4	0·0	6·6	0	0	3	22	5	0	0	0	0	0	0	6	18	6
		14	79·3	72·9	24·8	73	1012·6	3·2	6·4	0	0	3	26	1	0	0	0	0	0	0	0	1	29
MABARUMA	185	08	77·2	74·4	27·8	87	1013·0	2·0	3·3	0	14	7	7	2	0	0	0	0	0	0	4	2	24
MABARUMA	185	14	85·8	75·4	25·4	60	1010·3	7·0	5·0	0	3	15	9	2	0	0	0	0	0	0	0	1	28
MAHAICONY ABARY	6	08	79·0	75·1	28·1	83		5·5	5·2	0	0	17	10	2	0	0	0	0	0	0	0	3	26
		14	84·6	79·1	31·5	78		8·6	3·8	0	6	22	1	0	0	0	0	0	0	0	0	0	29
MATTHEWS RIDGE		08	74·6	72·8	26·8	93																	
		14	81·8	73·7	25·0	67																	
MAZARUNI PRISON	47	08	77·1	74·6	28·2	89																	
		14	83·3	76·2	27·7	71																	
MON REPOS		08	80·9	74·1	25·8	72																	
		14	83·3	74·4	25·2	65																	
NEW AMSTERDAM	3	08	79·2	75·5	28·4	84																	
NEW AMSTERDAM	3	14	84·6	77·3	28·8	71																	
PORT KAITUMA		08	74·0	72·5	26·7	93																	
		14	86·2	75·8	25·8	60																	
ST IGNATIUS		08	77·2	72·5	25·1	79																	
		14	87·0	74·5	24·2	55																	
TIMEHRI AIRPORT	95	02	72·4	71·9	26·4	97	1011·6	0·6	4·4	0	7	11	8	2	0	0	0	0	0	1	1	10	16
		08	77·5	74·5	27·8	86	1013·4	4·4	6·2	0	0	8	20	2	0	0	0	0	0	0	0	5	25
		14	83·8	75·4	26·4	67	1011·0	8·0	6·8	0	0	1	28	1	0	0	0	0	0	0	0	5	25
		20	75·3	73·3	27·1	91	1011·7	3·2	5·3	0	4	9	16	1	0	0	0	0	0	0	0	2	28
TIMEHRI CHS		08	76·8	74·9	28·7	91																	
TIMEHRI CHS		14	83·4	75·7	27·2	70																	
WAUNA		08	76·5	74·0	27·5	88		5·4	4·5	0	2	17	7	1	0	0	0	0	0	0	4	18	5
		14	85·2	74·9	25·0	61		12·5	5·9	0	0	10	15	2	0	0	0	0	0	0	0	3	24

TABLE II SUMMARY OF DAILY OBSERVATIONS APRIL 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
TRINIDAD																	
CENTENO	.22	.08	1	3	0	0	88.3	67.3	77.8	91	61		248.4				
PENAL AG STATION	.32	.18	1	3	0	0	85.8	65.3	75.6	90	59		139.9				
PIARCO AIRPORT	.26	.17	1	2	0	0	89.1	69.7	79.4	91	65		246.4				
ST AUGUSTINE	1.01	.65	19	3	1	0	88.6	69.5	79.1	91	66	64.8	260.1	1	0	0	0
TOBAGO																	
CROWN POINT APT	.34	.18	1	2	0	0	87.8	72.0	79.9	90	66	70.0	297.3				
LOUIS D/OR	.43	.14	1	5	0	0	82.4	76.5	79.5	85	73		260.0				
GRENADA																	
MIRABEAU	.99	.14	24	10	0	0	83.3	72.1	77.7	85	68		234.6				
PEARLS AIRPORT	1.01	.47	21	5	1	0	85.1	75.0	80.1	87	70						
BARBADOS																	
HUSBANDS CMI	.49	.13	30	5	0	0	85.7	70.9	78.3	88	68		275.7				
SEAWELL AIRPORT	.60	.18	15	6	0	0	83.9	74.6	79.3	87	68		280.4				
ST VINCENT																	
CAMDEN PARK	1.39	.23	23	10	0	0	86.4	73.3	79.9	89	67		249.0				
ST LUCIA																	
VIGIE AIRPORT	3.01	.71	21	17	1	0	86.5	70.8	78.7	89	68						
DOMINICA																	
MELVILLE HALL AP	1.96	.38	12	12	0	0	85.2	72.0	78.6	89	69		269.2				
ROSEAU	2.00	.46	3	14	1	0	84.9	73.6	79.3	96	69		245.7				
MONTSERRAT																	
GROVE	3.12	1.28	27	13	1	1	85.4	72.4	78.9	89	69		215.6				

TABLE II SUMMARY OF DAILY OBSERVATIONS APRIL 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
ANTIGUA																	
COOLIDGE AIRPORT	2·43	1·69	20	7	1	1	84·4	74·0	79·2	88	69						
DUNBARS	1·51	·45	28	8	1	0											
ST KITTS NEVIS																	
NEEDSMUST	3·75	1·25	2	7	3	2	86·5	78·8	82·7	90	67						
JAMAICA																	
BERNARD LODGE	2·23	1·10	16	6	3	1	87·9	67·3	77·6	91	62		281·1				
BODLES	2·03	·95		3	2	0	86·9	61·5	74·2	9	57		270·1				
CAENWOOD	11·41	4·81	8	4	4	4	83·7	76·9	80·3	86	74						
CEDAR VALLEY	3·15	1·48	8	9	2	1	80·5			83							
CINCHONA GARDENS	6·70	2·68	8	9	5	2	69·2	54·9	62·0	76	52						
DALLAS	3·27	1·32	3	5	4	1	81·6	64·0	72·8	87	60						
DUCKENFIELD	3·90	1·75	8	5	3	2	83·4	70·0	76·7	87	63	66·6	264·7				
EAST ALBION NURS	·50	·35	8	2	0	0	88·3	68·7	78·5	91	64						
EMPIRE NURSERY	3·75	1·76	8	6	2	2	79·5	59·8	69·6	84	57						
FARM HILL	6·24	3·23	8	11	3	1	75·2	57·0	66·1	79	55						
FROME	·31	·60	7	5	1	0	86·4	67·4	76·9	91	58		266·9				
HALLS DELIGHT	3·56	1·44	8	7	3	1	75·7	60·4	68·1	81	57						
HOPE GARDENS	2·72	1·60	10	5	3	1	85·6	58·7	72·1	88	55						
IRWIN	7·14	2·80	6	6	5	2	86·4	66·6	76·5	93	63						
KINGSTON ST·GEO	·77	·58	16	3	1	0	87·2	71·7	79·5	90	68						
MARSHALLS PEN	7·57	3·08	7	8	5	3	79·9	62·5	71·2	84	56			7	0	0	0
MASON RIVER FIELD	6·42	2·43	15	8	5	3	80·5	59·2	69·9	84	53						
MONTEGO BAY APT	4·16	2·91	7	5	2	1	84·8	70·3	77·5	93	66		242·6				
MONYMUSK	3·68	1·78	1	7	3	1	89·4	67·5	78·0	91	64		263·1				
MORANT POINT LH	1·68	1·20	11	3	1	1	84·6	71·6	78·1	87	65						

TABLE II SUMMARY OF DAILY OBSERVATIONS APRIL 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
JAMAICA																	
ORANGE RIVER	7·82	2·68	8	8	3	3	80·3	65·2	72·8	86	60		103·2				
PALISADOES APT	·82	·60	10	3	1	0	86·8	74·2	80·5	90	66		288·2				
SMITHFIELD	2·26	·82	6	5	3	0	81·1	65·3	73·2	88	62		241·1				
WORTHY PARK	4·38	1·53	16	9	3	2	83·2	62·6	72·9	86	57		196·8				
BR HONDURAS																	
BELIZE AIRPORT	1·03	·88	6	3	1	0	85·1	71·0	78·1	94	58		249·4	1	1	0	0
GUYANA																	
APOTERI	6·14	2·13	7	15	3	2											
BARTICA POTARO R	8·56	2·14	28	14	5	2	89·1	70·7	79·9	93	68						
DAWA	2·22	·52	6	13	3	0											
EBINI	4·49	·65	7	13	3	0	87·0	70·7	78·9	91	66		123·2	3	0	0	0
FRIENDSHIP	8·24	1·55	29	15	7	3	85·3	70·5	77·9	87	68		154·1				
GEORGETOWN BOT G	5·00	1·08	6	12	6	1	84·0	74·6	79·3	87	72	71·3	212·4				
GREAT FALLS	8·66	1·90	6	16	7	3	86·3	70·4	78·3	91	68	69·5		8	30	0	3
HOSORORO	·78	·37	29	2	0	0	89·5	71·0	80·3	93	69						
KAMARANG	6·82	1·40	6	17	4	3	82·2	67·3	74·8	87	64	65·5	141·8	2	2	0	0
MABARUMA	1·11	·71	29	5	1	0								0	1	0	0
MAHAICONY ABARY	6·16	2·38	6	9	3	3	85·6	73·3	79·5	87	72		231·3				
MATTHEWS RIDGE	3·25	·79	6	10	3	0	87·5	71·5	79·5	91	70						
MAZARUNI PRISON	7·71	2·97	7	9	5	3	87·2	71·4	79·3	89	70		142·7	1	2	0	0
MON REPOS	3·30	·80	6	11	4	0	85·0	72·6	78·8	87	70		222·8				
NEW AMSTERDAM	7·98	2·91	28	13	5	2	86·0	73·5	79·8	87	71						
PORT KAITUMA	2·58	1·29	6	10	2	1	89·9	67·8	78·9	95	64			1	0	0	0
ST IGNATIUS	1·73	·69	29	7	1	0	90·5	74·1	82·3	94	71		203·7				
TIMEHRI AIRPORT	7·02	2·07	7	15	5	2	86·0	70·8	78·4	91	68			0	1	0	0
TIMEHRI CHS	7·09	2·10	7	14	4	3		69·2			62						
WAUNA	·79	·18	24	7	0	0	88·6	67·7	78·2	92	64		184·0	1	6	0	0

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS APRIL 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F At 2 inch depth					SOIL TEMPERATURES °F At 4 inch depth				TOTAL RADIATION (langleys)		
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	97	146	9·38	·41	5										15035	604	286
PENAL AG STATION	82	121	7·62	·34	9	94·7	74·1	99	3	71	87·0	78·6	90	77			
PIARCO AIRPORT	118	165	10·26	·50	9												
ST AUGUSTINE UWI	37	52	5·99	·29	9										12877	574	182
TOBAGO																	
CROWN POINT APT	105	150	10·15	·44	9												
LOUIS D/OR	51	114	7·84	·37	26												
GRENADA																	
MIRABEAU	90	137	7·38	·30	10	95·5	78·4	101	24	74	90·0	80·0	96	75			
BARBADOS																	
HUSBANDS CMI	142	239				90·1	74·4	95	19	72	83·7	75·4	88	74			
ST VINCENT																	
CAMDEN PARK	102	141	7·66	·34	7										17484	716	336
DOMINICA																	
ROSEAU	82	129	7·27	·37	24										15592	579	356
MONTSERRAT																	
GROVE	120	206	8·50	·41	5										15596	636	369
ST KITTS NEVIS																	
NEEDSMUST			5·06	·28	12						87·0	71·7	95	68			

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS APRIL 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (Inches)			SOIL TEMPERATURES °F At 2 inch depth					SOIL TEMPERATURES °F At 4 inch depth				TOTAL RADIATION (langleys)		
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
JAMAICA																	
BERNARD LODGE	116	285	6·79	·35	22										17762	697	367
BODLES	101	225	8·35	·40	21												
CEDAR VALLEY	33	61	5·71	·30	22												
DUCKENFIELD			5·89	·26	17												
EAST ALBION NURS	21	76															
EMPIRE NURSERY	28	85	4·69	·31	25												
FARM HILL	37	129	2·99	·27	12												
FROME			5·65	·37	23												
HALLS DELIGHT	36	111	5·34	·40	26												
MONTEGO BAY AIRP	133	284	8·69	·46	1												
ORANGE RIVER	43	72															
PALISADOES APR	124	257															
SMITHFIELD	75	125	6·06	·32	16	88·2	70·1	96	27	67	84·8	72·0	91	68			
WORTHY PARK	62	129	5·19	·20	5												
GUYANA																	
APOTERI			6·47	·29	21												
EBINI	84	131	5·71	·33	26	90·7	76·4	98	26	75	87·3	77·1	94	76			
FRIENDSHIP	57	78	5·57	·29	25												
GEORGETOWN BOT G	91	150	6·07	·29	26												
GREAT FALLS			3·93	·27	1												
KAMARANG	44	70	4·92	·30	6												
MAHAICONY ABARY	96	174	7·89	·38	8												
ST IGNATIUS	192	274															
TIMEHRI GHS	65	98															
WAUNA	54	76	7·19	·43	19	97·1	76·0	104	17	73							

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS APRIL 1971

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO	.07	.07	.07	.07	.07	.07	.08	.08
PENAL AG STATION	.06	.07	.08	.09	.12	.16	.18	.18
PIARCO AIRPORT	.10	.10	.10	.12	.12	.15	.15	.17
ST AUGUSTINE UWI		.20	.27	.50	.62	.64	.65	.65
TOBAGO								
CROWN POINT APT	.07	.13	.16	.18	.18	.18	.18	.18
LOUIS D/OR	.07	.07	.07	.07	.07	.07	.11	.13
GRENADA								
MIRABEAU	.12	.12	.14	.14	.14	.14	.14	.14
BARBADOS								
HUSBANDS CMI	.06	.08	.08	.08	.08	.11	.12	.13
SEAWELL AIRPORT	.04	.09	.16	.18	.18	.18	.18	.18
ST VINCENT								
CAMDEN PARK	.10	.12	.12	.15	.14	.19	.20	.22
MONTSERRAT								
GROVE	.16	.31	.35	.59	.84	1.16	1.28	1.28
JAMAICA								
BODLES	.22	.44	.44	.81	.93	.93	.93	.93
CEDAR VALLEY	.15	.22	.25	.34	.37	.46	.84	1.42
DUCKENFIELD	.28	.42	.49	.75	.80	1.26	1.26	1.26
EAST ALBION NURS	.07	.11	.13	.20	.22	.27	.29	.33
HALLS DELIGHT	.48	.48	.48	.48	.48	.54	1.23	1.36
PALISADOES APT	.10	.15	.20	.30	.50	.55	.60	.60
SMITHFIELD	.40	.48	.53	.63	.76	.76	.82	.82
GUYANA								
APAIKWA	.18	.24	.30	.41	.51	.64	.86	.97
APOTERI	.33	.62	.85	.89	.89	1.18	1.75	1.88
BARTICA DEM. STA	.23	.38	.54	.82	1.19	1.93	2.54	2.54
COOPERS LANDING	.37	.48	.62	.72	.74	.74	1.28	1.68
DAWA	.13	.19	.19	.19	.22	.26	.40	.46
EBINI	.20	.28	.32	.37	.39	.52	.58	.64
ETERINGBANG	.09	.15	.21	.30	.36	.40	.41	.53
FRIENDSHIP	.26	.44	.50	.84	1.25	1.51	1.55	1.55
GEORGETOWN BOT G	.26	.28	.40	.48	.62	.77	.87	.92
GREAT FALLS	.41	.	1.00	1.22	1.77	1.86	1.89	1.90
KAMARANG	.12	.23	.29	.48	.54	.73	.94	1.40
KERAHA LDG	.20	.35	.53	.70	.99	1.77	2.51	3.03
MAHAICONY ABARY	.14	.24	.32	.61	.86	1.39	1.68	1.98
MARIPA	.16	.22	.30	.40	.68	.89	1.26	1.53
MATTHEWS RIDGE	.28	.30	.35	.58	.59	.61	.67	.79
NEW AMSTERDAM	.40	.58	.75	.88	1.01	1.11	2.00	2.72
PLANTAIN ISLAND	.21	.21	.21	.28	.33	.53	.61	1.07
ST IGNATIUS	.11	.15	.16	.27	.45	.65	.69	.69
TIMEHRI CHS	.16	.30	.38	.57	.87	1.27	2.10	2.10
WAUNA	.08	.13	.15	.17	.17	.17	.17	.17

TABLE V – SUMMARY OF WINDSPEED RECORDS APRIL 1971

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	09	20	13	7	06	35	1005	8	1	0	0	5•9
TOBAGO												
CROWN POINT APT	11	19	13	8	10	26	1105	24	0	0	0	7•6
BARBADOS												
HUSBANDS CMI	11	15	14	10	11	27	1330	10	0	0	0	8•6
ANTIGUA												
COOLIDGE AIRPORT	12	18	12	10	15	26	0125	11	0	0	0	11•1
JAMAICA												
MONTEGO BAY	10	25	13	1	10	37	1205	1	4	0	0	8•0
GUYANA												
GEORGETOWN O R R	03	27	05	7	09	35	0220	29	1	0	0	14•1
KAMARANG	07	9	13	8	07	32	1450	22	0	0	0	1•8

TABLE VI – SUMMARY OF SUNSHINE RECORDS APRIL 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19					NIL	0·1–3·0	3·1–6·0	6·1–9·0	9·1–12·0	MORE THAN 12
TRINIDAD																								
CENTENO	0	14	70	89	90	95	91	85	83	84	77	68	24	0	248·4	70	11·4	28	0	2	3	10	15	0
PENAL AG STATION	0	2	57	84	80	73	29	20	56	44	5	6	10	0	139·9	30	7·5	25	0	5	17	8	0	0
PIARCO AIRPORT	0	36	86	85	89	88	85	76	75	74	69	63	30	0	246·4	69	11·4	28	0	4	1	8	17	0
ST AUGUSTINE UWI	0	14	87	92	94	87	83	75	74	74	71	75	41	0	260·1	70	11·5	28	0	2	4	4	20	0
TOBAGO																								
CROWN POINT APT	0	50	88	92	95	94	92	92	89	85	83	82	49	0	297·3	80	11·6	25	0	2	1	3	24	0
LOUIS D/OR	0	17	75	87	94	86	90	89	89	86	79	66	9	0	260·0	70	10·7	27	0	2	0	13	15	0
GRENADA																								
MIRABEAU	1	27	68	77	86	84	76	83	85	76	67	44	9	0	234·6	63	11·3	27	0	1	5	18	6	0
BARBADOS																								
HUSBANDS CMI	0	34	54	83	81	85	90	89	90	86	81	77	41	0	275·7	74	11·7	17	0	0	2	9	19	0
SEAWELL AIRPORT	0	33	84	84	83	96	96	95	96	94	87	80	41	0	280·4	78	11·0	27	1	0	1	6	22	0
ST VINCENT																								
CAMDEN PARK	0	5	48	74	86	89	90	94	87	89	91	79	37	2	249·0	70	11·5	26	0	0	4	8	16	0
DOMINICA																								
MELVILLE HALL AP	1	35	79	82	90	90	90	91	93	84	71	65	26	0	269·2	72	11·7	26	0	1	3	8	18	0
ROSEAU	0	8	42	61	82	81	85	83	89	87	82	63	19	0	245·7	63	10·8	21	0	1	4	10	13	0
MONTSERRAT																								
GROVE	0	0	19	46	72	84	87	94	95	88	79	45	9	0	215·6	58	8·9	8	0	0	6	24	0	0
BR VIRGIN IS																								
PARAQUITO BAY	0	13	43	77	95	99	99	95	95	95	90	97	57	0	286·5	76	11·0	6	0	0	0	3	27	0

TABLE VI SUMMARY OF SUNSHINE RECORDS APRIL 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0·1-3·0	3·1-6·0	6·1-9·0	9·1-12·0	MORE THAN 12
JAMAICA																								
BODLES	0	40	88	92	89	92	87	84	84	79	75	62	30	0	270·1	72	11·5	1	0	1	4	5	20	0
DUCKENFIELD	0	31	84	87	87	84	86	81	77	80	77	69	39	0	264·7	70	11·3	16	0	1	5	3	21	0
FROME	0	41	86	94	92	94	96	93	81	73	63	51	26	0	266·9	71	11·4	13	0	0	1	13	16	0
MONTEGO BAY	0	24	77	83	86	83	85	84	75	64	63	58	26	0	242·6	67	11·2	17	0	4	4	5	17	0
MONY MUSK	0	3	78	88	93	89	84	80	82	88	81	53	8	0	263·1	67	10·7	21	0	0	5	8	16	0
ORANGE RIVER	0	24	76	85	82	76	79	72	73	71	60	46	21	1	103·2	61	11·3	24	3	6	21	0	0	0
PALISADOES	0	65	93	94	99	93	91	89	86	78	75	65	34	0	288·2	77	11·5	17	0	0	2	6	22	0
SMITHFIELD	3	51	81	85	84	87	84	81	60	59	60	53	17	0	241·1	64	11·7	23	0	1	6	11	12	0
GUYANA																								
EBINI	0	4	24	31	38	50	47	47	43	43	45	28	12	0	123·2	34	9·4	23	1	11	10	4	4	0
FRIENDSHIP	0	2	29	44	54	50	52	59	53	60	56	38	15	1	154·1	42	10·2	18	1	8	11	7	3	0
GEORGETOWN BOT 6	0	20	45	65	65	70	75	74	76	66	70	60	23	0	212·4	58	11·2	24	0	5	4	10	11	0
KAMARANG	0	5	19	26	29	39	52	52	59	69	63	43	21	0	141·8	39	9·6	25	1	5	15	7	2	0
MAHAICONY ABARY	0	15	50	66	75	77	72	76	81	78	74	72	34	0	231·5	63	11·0	24	0	1	6	11	12	0
MAZARUNI PRISON	0	4	32	49	57	59	58	50	42	45	44	32	4	0	142·7	39	9·8	19	1	9	9	9	2	0
MON REPOS	0	22	48	71	70	77	76	77	75	71	70	60	26	0	222·8	58	11·1	15	0	3	4	13	10	0
ST IGNATIUS	0	8	33	60	64	66	71	68	70	66	74	67	31	0	203·7	56	10·4	24	0	6	5	8	11	0
WAUNA	0	13	49	66	72	62	57	55	53	55	55	49	27	0	184·0	48	10·8	23	0	6	9	7	8	0

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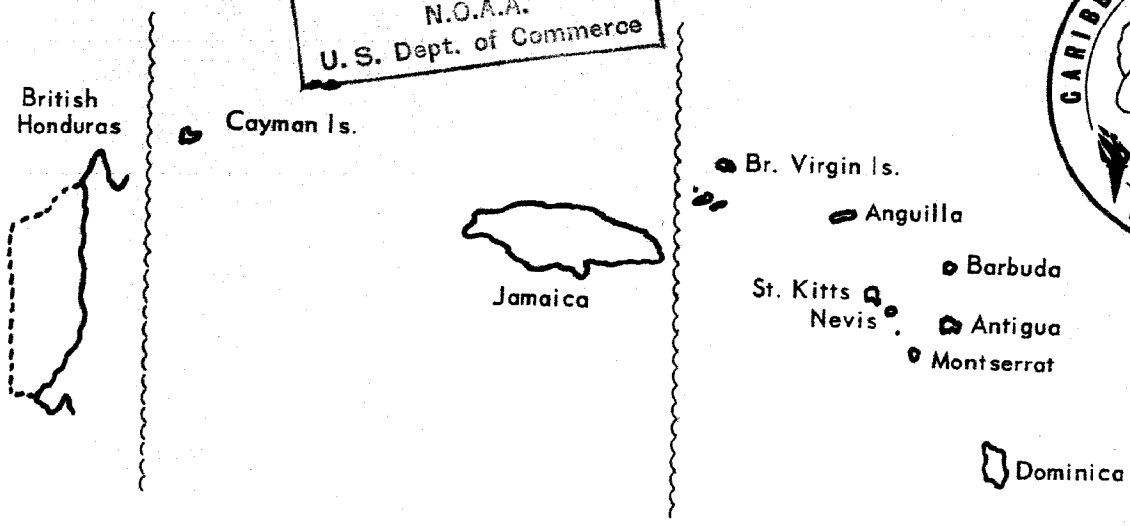

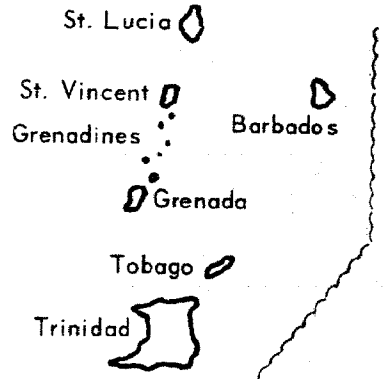

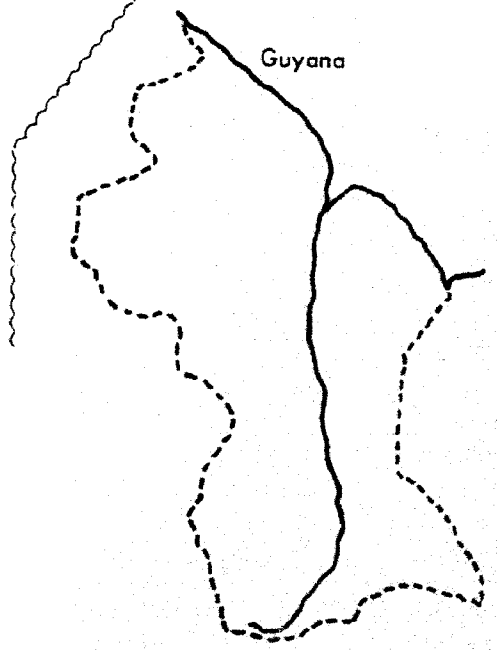

Monthly Weather Summary

May 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute
Husbands, St. James, Barbados, W.I.

May 1971

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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	1¼—2	2—3	3—5	5—10	10 or more
TRINIDAD																							
CENTENO	50	08	80•1	76•2	29•1	83		4•0															
PENAL AG STATION	25	08	78•1	75•0	28•2	86		3•6															
PIARCO AIRPORT	41	02	75•0	73•0	26•8	91	1012•9	2•3	4•8	0	9	7	12	3	0	0	0	0	0	1	0	3	27
		08	80•0	75•2	27•7	79	1014•1	9•2	5•1	0	7	7	13	4	0	0	1	0	0	0	0	5	25
		14	86•2	75•9	25•8	60	1012•6	12•9	6•2	0	1	5	24	1	0	0	0	0	0	0	2	4	25
PIARCO AIRPORT	41	20	77•7	74•3	27•4	85	1013•0	5•6	4•8	1	5	13	7	5	0	0	0	0	0	1	0	4	26
ST AUGUSTINE UWI	52	08	83•5	74•6	25•3	65	1010•8	2•4	6•3	0	4	10	14	3	0								
		16	80•4	74•5	26•5	75	1014•0	1•2	5•3	0	1	6	20	4	0								
TOBAGO																							
CROWN POINT AIRP	9	02	77•8	73•9	26•8	82	1012•9	8•3	4•6	0	7	14	9	1	0	0	0	0	0	0	0	3	28
		08	83•1	75•7	27•2	70	1014•3	12•0	5•0	0	6	10	14	1	0	0	0	0	0	0	1	3	27
		14	85•8	77•1	27•8	66	1012•9	14•1	5•7	0	4	7	18	2	0	0	0	0	0	1	0	1	29
		20	79•1	74•6	27•2	80	1013•2	8•1	5•4	0	5	5	20	1	0	0	0	0	0	0	1	2	28
LOUIS D/OR	40	08	81•5	75•9	28•0	76		1•9															
GRENADA																							
MIRABEAU	450	08	79•9	77•5	31•3	90			5•6	0	0	14	13	3	0								
		16	79•6	77•4	31•2	90			5•5	0	0	15	13	1	1								
PEARLS AIRPORT	22	08	80•9	76•1	28•6	79	1013•6	10•1	4•4	0	6	13	11	1	0	0	0	0	0	1	0	4	26
		14	82•7	77•2	29•4	77	1012•4	10•7	4•6	0	4	17	7	3	0	0	0	1	0	1	0	3	26
BARBADOS																							
HUSBANDS CMI	370	08	79•8	73•3	25•1	72	1015•3	9•4	5•0	0	4	12	15	0	0	0	0	0	0	0	0	0	31
		14	83•8	73•4	23•6	60	1013•5	10•6	5•6	0	1	11	18	1	0	0	0	0	0	1	0	0	30
SEAWELL AIRPORT	183	02	78•2	73•6	26•2	80	1013•4	11•2	4•3	0	10	7	14	0	0	0	0	0	0	0	0	0	31
		08	78•1	72•2	25•6	78	1015•1	13•7	4•7	0	5	12	14	0	0	0	0	0	0	0	0	0	31
		14	82•7	75•1	26•3	69	1013•6	15•0	4•4	0	9	9	10	3	0	0	0	0	0	0	0	0	31
		20	79•0	73•9	25•3	75	1014•1	11•3	5•2	0	1	13	16	1	0	0	0	0	0	0	0	0	31
ST VINCENT																							
ARNOS VALE AIRPO	30	08	81•2	74•3	26•2	72	1014•7	13•0	4•4	0	5	14	7	1	0	0	0	0	0	0	0	0	27
CAMDEN PARK	30	08	81•8	75•4	27•2	73	1016•2																
		16	83•4	76•0	27•3	70																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0—440	440—1,100	1,100—2,200	1½—2	2—3	3—5	5—10	10 or
DOMINICA																							
MELVILLE HALL AP	43	09	81·7	75·0	26·5	72	1016·8	8·9	5·3	0	2	12	16	0	0	0	0	0	0	0	0	0	27
		14	83·7	75·6	26·6	68	1015·4	9·4	5·3	0	0	17	12	1	0	0	0	0	0	0	0	0	22
ROSEAU	220	09	80·4	76·5	29·2	82																	
MONTSERRAT																							
GROVE	150	08	79·4	73·1	25·1	73			4·8	0	2	19	8	0	2								
		16	80·8	73·7	25·2	70			4·1	0	2	23	4	0	1								
ANTIGUA																							
COOLIDGE AIRPORT	26	08	79·5	75·2	28·0	82	1016·2	12·2	4·6	0	4	15	12	0	0	0	0	0	0	0	1	1	2
		14	82·5	76·4	28·4	75	1015·2	14·2	4·8	0	5	12	13	1	0	0	0	0	0	0	2	0	2
		20	78·0	74·5	27·4	84	1015·5	10·3	4·5	0	10	6	13	2	0	0	0	0	0	0	0	0	3
JAMAICA																							
BODLES	60	07	75·1	72·7	26·4	89																	
		13	85·4	76·9	27·8	67																	
CAENWOOD	50	08	79·6	78·1	32·3	94																	
		16	81·0	79·7	34·0	94																	
CEDAR VALLEY	1980	07	70·3	67·2	21·4	85																	
CEDAR VALLEY	1980	13	80·5	72·3	23·3	66																	
CINCHONA GARDENS	4897	07	62·9	60·0	16·5	84																	
		16	65·1	63·4	19·1	91																	
DALLAS	950	09	79·4	73·5	25·5	74																	
		15	79·4	74·9	27·6	80																	
DUCKENFIELD	60	08	81·7	76·2	28·4	77																	
EAST ALBION NURS	90	07	79·5	72·1	23·7	81																	
		13	86·8	75·3	24·9	57																	
EMPIRE NURSERY	2130	07	65·2	64·0	19·8	93																	
		13	80·6	71·8	22·7	64																	
FARM HILL	4020	07	63·7	61·1	17·2	86																	
		13	73·4	71·1	25·0	89																	
HALLS DELIGHT	3020	07	71·5	64·8	18·2	69																	
		13	71·8	67·6	21·4	80																	
HOPE GARDENS	712	07	68·3	64·2	18·7	79																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	1¼—2	2—3	3—5	5—10	10 or more
JAMAICA																							
IRWIN	80	08	81·3	76·1	28·4	78																	
		15	85·2	78·5	30·3	73																	
KINGSTON ST GEOR		07	78·5	73·7	26·2	79																	
		13	85·9	78·7	30·4	72																	
MARSHALLS PEN	2300	07	68·4	66·0	20·7	87		4·2	2·9	2	17	7	4	1	0								
MARSHALLS PEN	2300	13	80·2	72·9	24·4	69		5·3	3·7	0	12	10	9	0	0								
MONTEGO BAY APT	3	01	74·7	72·0	25·6	87	1013·6	1·6	1·9	0	25	3	3	0	0	0	0	0	0	0	0	0	31
		07	77·2	73·2	26·0	82	1013·9	2·1	3·1	0	17	8	6	0	0	0	0	0	0	0	0	0	31
		13	86·4	77·5	28·3	66	1013·5	13·2	3·4	0	15	7	9	0	0	0	0	0	0	0	0	0	31
		19	80·2	75·2	27·6	78	1013·0	4·6	4·9	0	6	9	14	2	0	0	0	0	0	1	0	0	30
MORANT POINT LH	6	01	79·3	76·2	28·0	82																	
		07	79·0	75·2	28·2	83																	
		13	85·7	78·9	30·7	73		9·2	3·2	0	9	20	2	0	0								
		19	81·5	76·7	29·2	80		7·4	3·0	0	11	19	1	0	0								
ORANGE RIVER	950	08	75·8	73·0	26·5	87																	
ORANGE RIVER	950	16	78·7	74·4	27·1	81																	
PALISADOES APT	9	01	78·8	75·0	27·9	83	1013·4	1·6	1·5	1	27	2	1	0	0	0	0	0	0	0	0	0	31
		07	80·2	75·7	28·3	80	1013·7	1·4	2·3	0	21	8	1	1	0	0	0	0	0	0	0	0	31
		13	85·9	78·8	30·4	72	1013·1	13·2	4·0	0	9	16	6	0	0	0	0	0	0	0	0	0	31
		19	82·0	76·7	29·0	78	1012·6	6·5	4·6	0	6	14	10	1	0	0	0	0	0	0	0	0	31
RICHMOND	120	08	82·5	75·3	26·8	71																	
SMITHFIELD	925	08	77·7	72·3	24·5	76																	
WORTHY PARK	1250	07	69·1	67·7	22·5	93																	
		15	77·5	72·3	24·8	77																	
BR HONDURAS																							
BELIZE AIRPORT	17	06	77·2	74·3	27·7	87	1012·0	3·3	5·0	0	5	10	13	1	0	0	0	0	2	0	1	6	20
		12	86·5	77·2	27·8	65	1012·8	7·7	4·8	0	3	15	11	0	0	0	0	0	0	0	0	4	25
		18	82·6	76·4	28·2	74	1010·8	6·8	4·1	0	9	9	11	0	0	0	0	0	0	0	0	6	23
GUYANA																							
BARTICA POTARO R	400	08	76·2	74·6	28·5	93																	
		14	83·4	77·1	29·0	74																	
EBINI	60	08	76·9	75·1	28·9	91	1013·7																
		14	82·1	76·5	28·7	77	1010·2	8·4	6·0	0	0	0	20	2	0	0	0	0	0	0	1	11	10
FRIENDSHIP		08	76·5	75·2	29·3	94																	

TABLE : SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR EST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0-440	440-1,100	1,100-2,200	1-2	2-3	3-5	5-10	10 or more
GUYANA																							
FRIENDSHIP		14	82·6	76·4	28·5	75																	
GEORGETOWN BOT G	7	08	78·5	75·3	28·6	86	1013·8	5·0	6·8	0	0	5	17	11	0	0	0	0	0	0	3	16	12
		14	82·0	76·6	28·9	77	1011·8	8·0	6·5	0	0	5	23	3	0	0	0	0	0	0	0	14	17
GREAT FALLS		08	75·2	74·3	28·6	96																	
		14	82·6	77·7	30·2	79																	
HOSORORO		08	78·5	75·4	28·8	86																	
		14	84·3	76·7	28·1	70																	
KAMARANG		14	79·2	73·8	26·1	77	1012·7	3·6	6·6	0	0	0	30	1	0	0	0	0	0	0	0	3	28
MABARUMA	185	08	78·2	75·1	28·5	87	1013·2	1·1	4·2	0	7	16	4	4	0	0	0	0	0	0	3	1	27
		14	84·0	76·5	27·9	70	1010·5	4·1	5·8	0	2	10	13	6	0	0	0	0	0	1	2	4	24
MAHAICONY ABARY	6	08	77·7	75·0	28·5	88		2·7	5·6	0	0	7	16	4	0	0	0	0	0	0	0	9	22
		14	82·9	78·0	30·5	79		7·8	3·9	0	2	22	4	0	0	0	0	0	0	0	0	1	30
MATTHEWS RIDGE		08	74·8	72·9	26·8	91																	
		14	81·4	74·3	25·8	70																	
MAZARUNI PRISON	47	08	76·4	74·7	28·7	93																	
MAZARUNI PRISON	47	14	80·9	76·0	28·5	79																	
MON REPOS		08	79·2	73·8	26·0	76																	
		14	82·3	74·2	25·2	67																	
NEW AMSTERDAM	3	08	79·4	76·2	29·4	86																	
		14	84·2	77·6	29·4	74																	
PORT KAITUMA		08	75·4	73·9	27·9	93																	
		14	84·8	76·8	28·0	69																	
ST IGNATIUS		08	77·3	73·9	27·1	85																	
		14	84·6	75·6	26·3	65																	
TIMEHRI AIRPORT	95	02	73·4	73·2	27·8	99	1011·9	0·3	5·2	1	4	8	15	2	0	0	0	0	1	0	1	22	6
TIMEHRI AIRPORT	95	08	76·0	74·9	28·9	94	1013·6	2·0	7·0	0	1	1	19	10	0	0	0	0	0	1	9	7	14
		14	81·3	76·9	29·5	81	1011·3	6·7	7·0	0	0	2	25	4	0	0	0	0	0	1	2	13	15
		20	75·6	74·7	28·8	95	1011·9	2·3	5·9	0	2	6	21	1	0	0	0	0	0	0	0	13	17
TIMEHRI CHS		08	76·3	75·1	29·2	94																	
		14	81·0	76·7	29·4	81																	
WAUNA		08	77·2	75·2	29·0	91		4·6	4·8	0	2	14	5	3	0	0	0	0	0	0	2	18	4
		14	83·5	76·3	27·8	71		9·3	5·8	0	0	12	10	2	0	0	0	0	0	0	1	5	18

TABLE II SUMMARY OF DAILY OBSERVATIONS MAY 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	5•50	1•37	19	14	4	2	86•9	71•5	79•2	90	68		184•5				
PENAL AG STATION	2•84	1•20	20	10	2	1	88•1			92			82•8				
PIARCO AIRPORT	4•05	1•23	20	11	3	1	88•0	72•3	80•2	91	69		182•2	1	0	0	0
ST AUGUSTINE	3•55	•92	21	8	4	0	88•1	71•6	79•9	90	69	68•7	219•9	2	0	0	0
TOBAGO																	
CROWN POINT AP	2•34	•68	19	7	3	0	88•0	74•0	81•0	90	72	72•1	264•0	1	0	0	0
LOUIS D/OR	4•33	1•06	20	14	3	1	82•7	76•7	79•7	87	72		220•8				
GRENADA																	
PEARLS AIRPORT	3•10	•81	20	11	2	0	85•5	76•2	80•8	88	73						
BARBADOS																	
HUSBANDS CMI	•82	•20	2	8	0	0	87•0	72•7	79•9	91	70		283•4				
SEAWELL AIRPORT	1•37	•48	31	8	1	0	84•6	75•7	80•1	86	71		277•7				
ST VINCENT																	
CAMDEN PARK	4•88	2•28	21	14	2	1	86•9	75•5	81•2	90	71		249•7				
ST LUCIA																	
ROSEAU WINBAN	8•17	4•00	21	15	3	2	86•4	72•7	79•5	90	69		263•5				
VIGIE AIRPORT	9•4[illegible]	5•62	21	16	3	2	87•9	72•6	80•3	90	69			2	0	0	0
DOMINICA																	
MELVILLE HALL AP	5•[illegible]	1•03	31	17	4	1	84•9	72•9	78•9	87	70		229•1				
ROSEAU	3•[illegible]	•65	2	19	4	0	85•5	73•1	79•3	89	70		205•6				
MONTSERRAT																	
GROVE	4•57	1•05	10	14	5	1	82•9	74•0	78•5	88	67		188•8				

TABLE II SUMMARY OF DAILY OBSERVATIONS MAY 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
ANTIGUA																	
COOLIDGE AIRPORT	3.52	1.11	21	16	3	1	83.6	73.5	78.7	85	69						
DUNBARS	4.65	2.17	21	13	2	1	85.0	72.3	78.6	89	69						
ST KITTS NEVIS																	
CAINES	3.19	.90	24	14	2	0											
NEEDSMUST	2.49	.76	24	9	2	0	86.2	72.5	79.4	90	70						
JAMAICA																	
BODLES	2.82	.88	4	11	1	0	87.2	62.7	74.9	89	60		246.2				
CAENWOOD	3.76	3.05	29	6	1	1	83.3	76.6	79.9	86	73	74.1					
CEDAR VALLEY	2.15	.70	15	9	2	0	82.9			86							
CINCHONA GARDENS	9.14	2.05	28	14	9	3	71.0	56.2	63.6	76	54						
DALLAS	3.14	1.60	28	7	2	1	81.2	66.0	73.6	88	64						
DUCKENFIELD	1.15	.58	8	7	1	0	87.6	71.2	79.3	89	62	67.4	291.6				
EAST ALBION NURS	1.42	.53	14	7	2	0	89.5	71.0	80.3	93	71		276.3				
EMPIRE NURSERY	4.85	1.32	29	9	3	2	82.6	61.7	72.3	87	60						
FARM HILL	3.43	1.18	27	13	3	1	76.2	59.0	67.6	77	56						
FROME	11.91	3.17	12	20	9	3	89.3	69.6	79.5	93	66						
HALLS DELIGHT	7.77	1.75	27	13	6	3	77.9	62.2	70.0	82	60						
HOPE GARDENS	3.70	.90	17	7	5	0	89.4	59.7	74.5	92	57						
IRWIN	4.59	1.34	18	12	3	2	89.5	66.2	77.8	92	65						
KINGSTON ST.GEO	.55	.18	19	3	0	0	89.0	73.5	81.2	91	72						
MARSHALLS PEN	12.42	3.21	20	12	8	6	81.5	64.1	72.8	85	61			8	0	0	0
MORANT POINT LH	1.17	.31	8	6	0	0	87.2	70.9	79.1	90	65			1	0	0	0
MONTEGO BAY APT	2.99	1.34	30	7	2	2	87.6	72.4	80.0	89	69		280.1	5	0	0	0
ORANGE RIVER	10.37	3.79	22	11	6	3	83.9	67.0	75.5	87	64		252.1				
PALISADOES APT	.63	.63	6	1	1	0	88.0	76.3	82.2	93	74		255.4	2	0	0	0
RICHMOND							86.4	70.9	78.7	88	68						

TABLE II SUMMARY OF DAILY OBSERVATIONS MAY 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
JAMAICA																	
SMITHFIELD	10•33	2•84	13	16	7	3	83•6	68•6	76•1	86	65		261•3				
WORTHY PARK	9•30	2•86	25	12	4	2	85•4	64•8	75•1	89	60		183•8				
BR HONDURAS																	
BELIZE AIRPORT	•80	•78	13	1	1	0	88•6	75•6	82•1	91	68		321•4				
GUYANA																	
BARTICA POTARO R	16•83	2•18	16	17	14	8	88•0	70•9	79•4	91	68						
DAWA	16•71	2•52	28	24	11	7											
EBINI	11•74	2•47	20	26	10	3	86•9	72•1	79•5	90	70		120•1	5	0	0	0
FRIENDSHIP	12•88	2•15	7	23	11	3	85•3	72•2	78•7	88	68		149•8				
GEORGETOWN BOT G	14•75	2•62	7	22	11	5	83•7	74•7	79•2	86	72	72•2	141•0	2	0	0	0
GREAT FALLS	16•89	1•98	7	27	15	7	85•8	72•5	79•1	89	69	71•5		18	31	0	4
HOSORORO	9•68	1•80	12	18	8	3	87•7	71•9	79•8	91	70						
KAMARANG	10•68	1•51	20	24	9	3	82•1	68•2	75•2	87	66	66•7	116•8	4	1	0	0
MABARUMA	5•93	1•98	12	15	3	1											
MAHAICONY ABARY	16•63	3•39	28	21	12	6	84•0	73•5	78•7	86	72		73•4				
MATTHEWS RIDGE	7•13	1•20	28	21	6	1	86•9	71•4	79•2	91	69						
MAZARUNI PRISON	12•42	2•45	15	17	12	4	86•5	72•7	79•6	88	70		76•8	3	2	0	0
MON REPOS	17•66	2•95	7	25	13	6	84•0	72•2	78•1	86	70		134•6				
NEW AMSTERDAM	11•47	2•00	7	22	11	4	85•7	73•9	79•8	88	72						
PORT KAITUMA	5•40	•97	13	18	4	0	89•2	69•9	79•5	94	67			2	0	0	0
ST IGNATIUS	5•34	•75	20	19	6	0	84•8	71•8	78•3	91	71		160•4				
TIMEHRI AIRPORT	16•20	3•55	15	26	11	3	84•7	72•0	78•3	89	70			3	2	0	0
TIMEHRI CHS	14•43	2•78	15	26	12	3	84•5	71•2	77•8	88	67						
WAUNA	7•05	1•49	12	19	5	2	86•7	70•2	78•4	90	66		169•0	5	0	0	0

TABLE III—SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS MAY 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	92	129	7·13	·39	5										12972	566	171
PENAL AG STATION	83	117	6·99	·33	8	94·0	75·2	100	15	73	86·9	78·5	91	77			
PIARCO AIRPORT	59	149	8·04	·40	5												
ST AUGUSTINE UWI	30	51	4·97	·24	2										10953	497	91
TOBAGO																	
CROWN POINT APT	114	180	9·49	·50	29												
LOUIS D/OR	45	97	7·83	·33	8												
BARBADOS																	
HUSBANDS CMI	170	241				87·4	74·0	92	19	71	81·8	74·8	86	72			
ST VINCENT																	
CAMDEN PARK	111	199	7·51	·33	28										16836	684	253
DOMINICA																	
ROSEAU	80	109	6·64	·35	29										15729	602	364
MONTSERRAT																	
GROVE	127	200	10·23	·43	29										14356	666	173
ST KITTS NEVIS																	
CAINES			6·79M	·34	27												
NEEDSMUST											85·1	73·4	95	70			

TABLE III—SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS MAY 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F At 2 inch depth					At 4 inch depth				TOTAL RADIATION (langleys)		
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
JAMAICA																	
BODLES	68	113	6•87	•36	4										18020	697	445
CEDAR VALLEY	34	62	5•89	•27	1												
DUCKENFIELD			6•34	•29	22												
EAST ALBION NURS	7	18	8•51	•40	6												
EMPIRE NURSERY	24	65	4•37	•24	30												
FARM HILL	23	79	2•40	•13	9												
HALLS DELIGHT	25	57															
MONTEGO BAY AIRP	92	150	8•84	•42	28												
ORANGE RIVER	35	48													16996	700	458
PALISADOES APR	111	206															
SMITHFIELD	62	73	5•54	•26	3	90•6	72•2	100	3	70	86•8	74•4	91	72			
WORTHY PARK	40	109															
GUYANA																	
DAWA			5•28	•46	7												
EBINI	70	101	5•21M	•35	26	88•9	77•0	92	2	76	86•0	77•5	90	76			
FRIENDSHIP	53	76	4•89	•29	11												
GEORGETOWN BOT G	71	110	4•97M	•30	27												
GREAT FALLS			3•23M	•25	24												
KAMARANG	36	53	4•21	•24	2												
MAHAICONY ABARY	92	162	6•87	•33	10												
ST IGNATIUS	118	180															
TIMEHRI CHS	52	88															
WAUNA	51	78	6•65	•38	3	92•4	74•0	103	2	71							

TABLE IV – SUMMARY OF RAINFALL INTENSITY RECORDS MAY 197

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO		.56	.80	1.04	1.25	1.25	1.25	1.25
PENAL AG STATION	.19	.21	.22	.25	.35	.47	1.12	1.16
PIARCO AIRPORT	.20	.31	.43	.52	.69	.71	.71	.97
ST AUGUSTINE UWI		.35	.39	.48	.72	.73	.80	.80
TOBAGO								
CROWN POINT APT	.11	.14	.20	.27	.48	.55	.68	.68
LOUIS D/OR	.17	.24	.28	.48	.50	.50	.72	.99
GRENADA								
MIRABEAU	.22	.36	.37	.45	.57	.58	1.10	1.13
BARBADOS								
HUSBANDS CMI	.06	.07	.08	.10	.12	.13	.13	.17
SEAWELL AIRPORT	.16	.18	.18	.18	.26	.46	.46	.48
MONTSERRAT								
GROVE	.24	.32	.40	.48	.48	.53	.91	1.04
JAMAICA								
BODLES	.16	.27	.32	.37	.68	.84	.84	.84
DUCKENFIELD	.07	.08	.10	.20	.40	.40	.58	.58
EAST ALBION NURS	.11	.21	.28	.31	.31	.40	.53	.53
HALLS DELIGHT	.24	.40	.58	.80	1.03	1.75	1.75	1.75
MONTEGO BAY	.06	.11	.17	.32	.64	1.14	1.43	1.43
SMITHFIELD	.59	.69	.73	1.18	2.09	2.84	2.84	2.84
GUYANA								
APAIKWA	.38	.61	.81	.97	.98	1.57	1.59	1.82
COOPERS LANDING	.37	.62	.78	.87	1.10	1.64	1.75	1.75
DAWA	.46	.48	.51	.84	1.09	1.38	1.72	1.98
EBINI	.44	.64	.84	1.46	2.18	2.33	2.45	2.45
ETERINGBANG	.13	.21	.27	.27	.27	.27	.41	.61
FRIENDSHIP	.28	.42	.61	.99	1.52	1.81	1.94	2.09
GEORGETOWN BOT G	.29	.51	.55	.64	1.29	1.76	2.31	2.31
GREAT FALLS	.41	.82	.97	1.22	1.26	1.72	1.83	1.85
KAMARANG	.24	.48	.52	.88	1.01	1.07	1.36	1.45
KERAHA LDG					1.28	1.32	1.88	3.15
MAHAICONY ABARY	.47	.81	.92	1.01	2.06	2.79	2.79	3.33
MARIPA	.29	.45	.75	1.08	1.08	1.54	2.54	2.74
MATTHEWS RIDGE	.28	.52	.64	.72	.73	.75	.77	.78
ST IGNATIUS	.14	.22	.26	.28	.60	.66	.75	.75
TIMEHRI CHS	.20	.40	.46	.92	1.32	1.66	2.33	2.34
WARIMIA	.23	.32	.45	.64	.72	.79	.83	1.00
WAUNA	.26	.42	.60	.89	1.22	1.49	1.49	1.49

TABLE V – SUMMARY OF WINDSPEED RECORDS MAY 1971

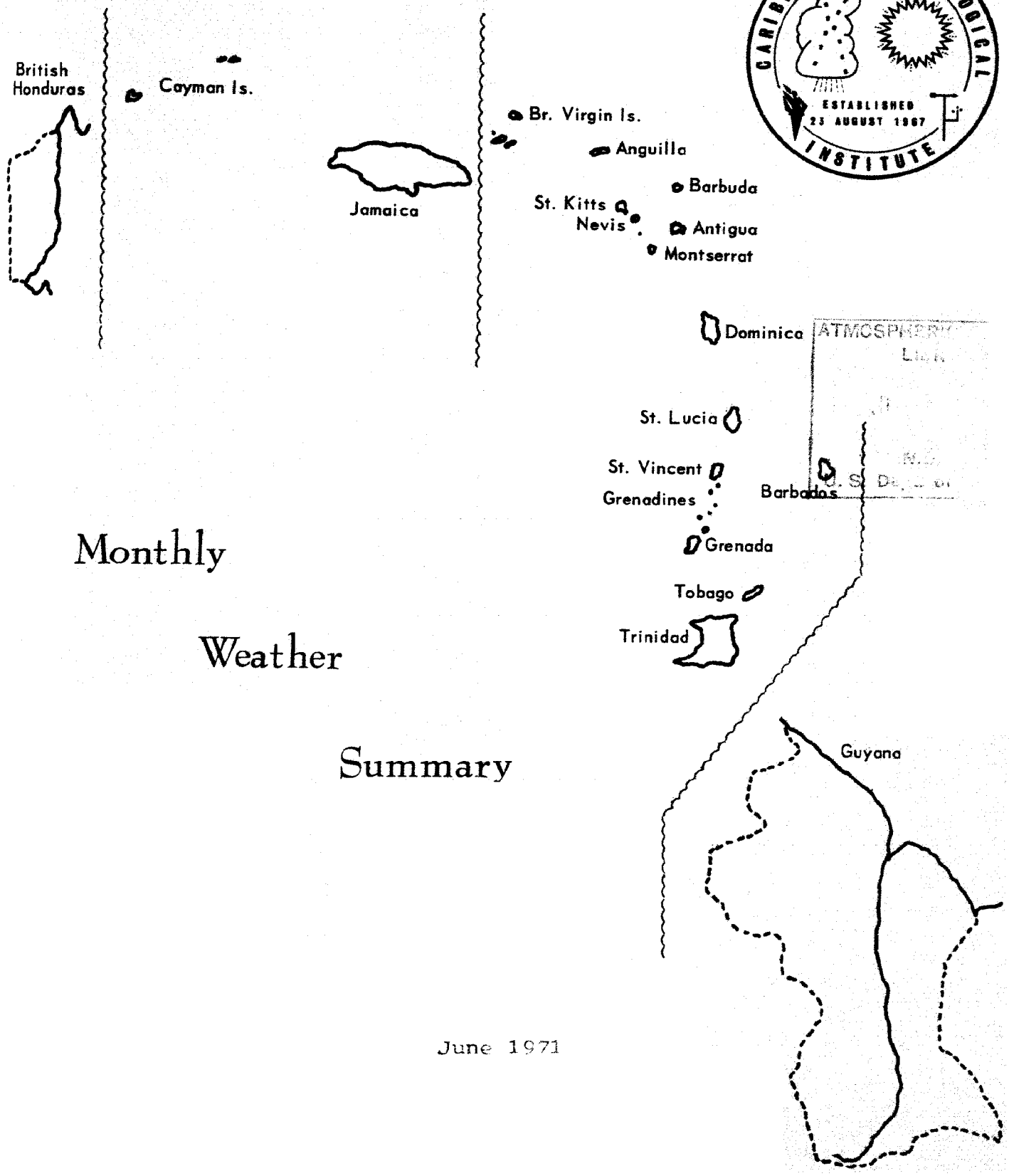
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	09	18	14	9	11	30	1300	9	0	0	0	7·1
TOBAGO												
CROWN POINT APT	11	17	12	4	12	26	1405	4	0	0	0	10·0
BARBADOS												
HUSBANDS CMI	20	17	14	20	19	29	1310	20	0	0	0	7·6
ANTIGUA												
COOLIDGE AIRPORT	11	20	11	26	12	33	0245	25	0	0	0	11·2
JAMAICA												
MONTEGO BAY	07	20	13	24	07	29	2315	4	0	0	0	5·8
GUYANA												
GEORGETOWN O R R	03	25	06	16	03	31	0530	16	0	0	0	12·3
KAMARANG	07	10	15	21	08	21	1435	21	0	0	0	1·2

TABLE VI – SUMMARY OF SUNSHINE RECORDS MAY 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19					NIL	0·1–3·0	3·1–6·0	6·1–9·0	9·1–12·0	MORE THAN 12
TRINIDAD																								
CENTENO	0	25	68	65	64	63	63	62	59	55	45	32	19	0	184·5	49	10·6	18	1	8	4	12	6	0
PENAL AG STATION	0	3	43	37	36	37	5	8	31	28	9	14	17	0	82·8	21	6·0	5	3	13	15	0	0	0
PIARCO AIRPORT	0	28	66	62	63	61	60	55	54	51	42	30	16	0	182·2	47	10·9	5	1	9	3	13	5	0
ST AUGUSTINE UWI	0	30	76	71	64	75	71	67	66	58	57	50	25	0	219·9	56	11·0	10	1	5	5	7	13	0
TOBAGO																								
CROWN POINT APT	0	46	75	77	82	84	83	84	82	78	65	61	39	0	264·0	67	11·5	28	1	2	2	9	17	0
LOUIS D/OR	0	2	56	66	78	86	82	80	75	68	66	45	9	0	220·8	56	10·1	27	0	4	4	17	6	0
GRENADA																								
MIRABEAU	1	27	53	59	64	68	70	72	59	55	47	31	15	0	192·4	49	11·0	30	0	6	9	9	7	0
BARBADOS																								
HUSBANDS CMI	0	51	80	84	84	87	88	88	83	74	76	66	53	0	283·4	72	11·8	29	1	0	2	9	19	0
ST VINCENT																								
CAMDEN PARK	0	12	64	72	81	81	81	84	78	66	63	66	54	4	249·7	63	11·7	16	0	4	2	10	11	0
DOMINICA																								
MELVILLE HALL AP	2	46	64	60	73	69	76	69	74	73	64	49	26	0	229·1	58	11·8	18	0	3	6	11	11	0
ROSEAU	0	14	45	52	59	63	68	62	75	77	64	58	27	0	205·6	52	11·5	18	0	4	11	8	8	0
MONTSERRAT																								
GROVE	0	9	33	49	62	61	70	69	60	59	56	47	33	2	188·8	47	10·8	16	1	5	7	11	7	0
BR VIRGIN IS																								
PARAQUITO BAY	0	0	40	92	96	98	99	97	98	99	99	95	48	0	298·8	74	10·1	1	0	0	0	2	29	0

TABLE VI – SUMMARY OF SUNSHINE RECORDS MAY 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19					NIL	0.1–3.0	3.1–6.0	6.1–9.0	9.1–12.0	MORE THAN 12
JAMAICA																								
BODLES	0	54	97	95	96	97	88	81	75	47	34	23	8	0	246•2	61	10•7	17	0	0	1	23	7	0
DUCKENFIELD	0	64	91	91	94	95	92	91	85	76	68	65	31	0	291•6	72	11•8	17	0	0	1	9	21	0
EAST ALBION NURS	9	79	87	90	95	93	95	86	73	59	58	45	23	0	276•3	69	11•9	30	0	0	2	11	18	0
FROME	0	9	90	99	98	96	86	71	53	56	34	24	12	0	244•2	61	10•6	16	0	0	3	20	7	0
MONTEGO BAY	0	64	94	92	93	93	95	95	77	71	48	47	36	0	280•1	70	11•9	28	0	0	2	12	17	0
ORANGE RIVER	1	47	87	98	96	85	87	82	66	47	35	44	32	3	252•1	63	11•8	27	0	0	5	16	10	0
PALISADOES	7	81	99	99	98	98	92	79	52	40	30	32	19	0	255•4	63	11•4	12	0	0	2	18	10	0
SMITHFIELD	21	86	90	96	95	90	87	71	50	33	34	41	45	7	261•3	65	12•2	5	0	0	2	18	9	2
BR HONDURAS																								
BELIZE AIRPORT	6	59	77	83	87	93	87	91	93	91	93	91	71	8	321•4	80	12•2	1	0	0	3	2	22	4
GUYANA																								
EBINI	0	8	29	29	43	50	44	41	32	31	38	30	11	0	120•1	31	10•1	5	0	14	11	5	1	0
FRIENDSHIP	0	5	25	40	54	47	45	56	50	50	48	48	17	0	149•8	39	10•4	5	0	9	12	9	1	0
GEORGETOWN BOT G	0	1	29	37	39	46	48	45	44	56	50	42	20	0	141•0	37	10•0	27	1	10	10	7	3	0
KAMARANG	0	0	14	17	27	40	43	47	42	40	40	46	21	0	116•8	30	8•2	6	0	9	19	3	0	0
MAHAICONY ABARY	0	6	24	36	47	44	62	53	48	54	46	35	12	0	73•4	38	9•9	12	0	11	12	7	1	0
MAZARUNI PRISON	0	2	15	25	31	32	28	25	28	21	28	18	3	0	76•8	21	8•2	27	1	18	7	3	0	0
MON REPOS	0	7	27	32	38	41	43	46	51	55	45	36	15	0	134•6	35	10•3	27	1	10	9	9	2	0
ST IGNATIUS	0	15	32	32	41	43	43	52	57	57	64	57	25	0	160•4	42	9•4	2	0	6	12	12	1	0
WAUNA	0	17	47	60	60	55	51	49	47	45	44	45	24	0	169•0	43	11•2	2	0	8	9	10	4	0



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Monthly Weather Summary

June 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute
Husbands, St. James, Barbados, W.I.

June 1971

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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL. HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No. of Observations) yards: 0–440	440–1,100	1,100–2,200	1 – 2	2 – 3	3 – 5	5 – 10	10 or more
TRINIDAD																							
CENTENO	50	08	79·8	76·2	29·2	84		3·6															
PENAL AG STATION	25	08	77·6	75·1	28·5	88		3·2															
PIARCO AIRPORT	41	02	75·7	73·5	27·2	90	1014·0	4·0	5·1	2	3	8	17	0	0	0	0	0	0	0	0	12	18
		08	79·8	75·7	28·4	82	1014·9	8·3	5·1	0	7	5	15	3	0	0	0	0	0	0	1	14	15
		14	85·4	76·0	26·4	64	1013·8	13·9	6·0	0	2	6	17	5	0	0	0	0	0	0	0	14	16
			•	•	•																		
PIARCO AIRPORT	41	20	77·7	74·5	27·6	85	1014·1	5·5	5·3	1	4	7	13	2	0	0	0	0	0	0	0	13	17
ST AUGUSTINE UWI	52	08	80·9	74·5	26·3	73	1014·9	0·8	5·9	0	5	2	15	2	6								
		16	84·5	74·9	25·3	63	1012·6	2·4	6·0	0	0	12	8	8	2								
TOBAGO																							
CROWN POINT AIRP	9	02	78·0	74·0	27·0	83	1014·3	6·6	5·4	0	3	8	16	3	0	0	0	0	0	0	0	6	24
		08	81·6	75·7	27·8	76	1015·3	10·5	5·8	0	4	4	21	1	0	0	0	0	0	0	1	13	16
		14	85·9	76·8	27·4	65	1014·2	14·8	5·6	0	3	8	16	3	0	0	0	0	0	0	1	10	19
		20	79·5	74·6	27·0	78	1014·6	7·1	4·8	0	8	8	13	1	0	0	0	0	0	0	0	8	22
LOUIS D/OR	40	08	81·5	76·1	28·4	77																	
BARBADOS																							
HUSBANDS CMI	370	08	81·2	73·8	25·2	69	1016·5	10·3	4·4	0	9	10	10	1	0	0	0	0	0	0	0	5	25
		14	85·0	74·3	24·3	59	1014·9	11·8	5·7	0	1	10	19	0	0	0	0	0	0	0	2	10	18
SEAWELL AIRPORT	183	02	79·2	74·8	27·6	81	1014·7	14·6	4·6	0	7	9	12	2	0	0	0	0	0	0	0	1	29
		08	81·5	75·3	27·2	74	1016·1	16·1	4·6	0	6	13	8	3	0	0	0	0	0	0	0	2	28
		14	83·7	76·1	27·3	69	1015·0	16·3	5·0	0	5	11	12	1	1	0	0	0	0	0	0	1	29
		20	80·0	75·1	27·5	79	1015·6	14·3	4·8	0	7	10	12	1	0	0	0	0	0	0	0	1	29
ST VINCENT																							
ARNOS VALE AIRPO	30	08	81·3	74·8	26·7	73	1015·8	14·0	4·9	0	4	9	14	1	0	0	0	0	0	0	0	11	17
		14	85·0	76·1	27·1	66	1015·0	15·1	5·2	0	3	9	8	3	0	0	0	0	0	0	0	10	13
CAMDEN PARK	30	08	84·4	77·1	28·5	71	1017·5																
		16	84·5	76·3	27·4	68																	
DOMINICA																							
MELVILLE HALL APT	43	09	82·9	75·9	27·5	72	1018·1	10·2	4·6	0	2	21	6	0	0	0	0	0	0	0	0	23	6
		14	85·0	77·2	28·4	69	1017·1	11·8	4·8	0	1	20	7	0	0	0	0	0	0	0	0	20	8
ROSEAU	220	09	82·6	77·8	30·4	80																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1971.

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	1¼—2	2—3	3—5	5—10	10 or more
MONTSERRAT																							
GROVE	150	08	81·6	75·0	26·7	73				0	4	20	4	2	0								
		16	83·0	75·6	27·0	70				0	7	18	5	0	0								
ANTIGUA																							
COOLIDGE AIRPORT	26	08	81·2	76·3	28·6	79	1017·6	13·5	4·1	0	6	16	8	0	0	0	0	0	0	0	0	1	29
		14	85·1	77·8	29·4	71	1017·1	15·9	3·9	0	7	16	7	0	0	0	0	0	0	0	0	3	27
		20	80·0	75·8	28·6	82	1017·4	14·7	3·1	0	11	17	2	0	0	0	0	0	0	0	0	1	29
DUNBARS	220	09	82·6	76·3	28·3	74																	
		15	83·7	75·6	26·8	68																	
JAMAICA																							
BODLES	60	07	76·7	73·4	26·8	85																	
		13	88·1	76·9	26·8	59																	
CAENWOOD	50	08	79·8	78·2	32·3	93																	
		16	81·2	79·8	34·2	94																	
CEDAR VALLEY	1980	07	73·1	69·0	22·4	81																	
CEDAR VALLEY	1980	13	82·5	72·1	22·3	59																	
CINCHONA GARDENS	4897	07	63·1	60·5	16·9	86																	
		16	66·8	63·9	19·0	67																	
DALLAS	950	09	82·2	74·0	25·1	64																	
		15	85·6	77·7	29·2	70																	
EAST ALBION NURS	90	07	82·1	74·6	25·8	69																	
		13	88·4	76·2	25·5	56																	
EMPIRE NURSERY	2130	07	67·9	66·4	21·3	91																	
		13	78·4	67·5	20·4	61																	
FARM HILL	4020	07	65·7	63·1	18·5	86																	
FARM HILL	4020	13	77·5	73·6	26·5	82																	
HALLS DELIGHT	3020	07	70·9	65·1	18·7	72																	
		13	76·2	68·3	20·3	66																	
HOPE GARDENS	712	07	76·4	69·7	21·5	69																	
IRWIN	80	08	81·8	76·4	28·6	77																	

TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	2,200—1½	1½—2	2—3	3—5	5—10	10 or more
JAMAICA																							
IRWIN	80	15	85·6	74·9	29·3	70																	
KINGSTON ST GEOR		07	80·4	74·1	26·0	73																	
		13	88·1	78·1	28·4	83																	
MARSHALLS PEN	2300	07	67·9	66·3	21·4	92		5·0	8·2	5	9	9	5	0	2								
		13	79·7	72·1	23·3	67		7·2	4·7	0	6	11	10	0	3								
MONTEGO BAY APT	3	01	76·6	73·6	27·1	87	1014·9	1·9	2·5	1	19	5	5	0	0	0	0	0	0	0	0	0	30
		07	78·0	73·7	26·4	81	1015·2	3·0	3·7	0	10	13	6	1	0	0	0	0	0	0	0	1	29
		13	87·3	78·0	28·5	64	1015·0	15·4	4·5	0	7	10	12	1	0	0	0	1	0	0	0	0	29
		19	80·9	76·3	28·8	80	1014·4	5·4	5·5	0	3	8	17	2	0	0	0	0	0	0	0	1	29
MORANT POINT LH	6	01	81·6	77·4	30·3	82		11·9	3·5	1	11	10	7	1	0	0	0	0	0	0	0	0	30
MORANT POINT LH	6	07	81·5	77·1	29·9	81		12·8	4·0	0	6	18	5	1	0	0	0	0	0	0	0	0	30
		13	86·3	79·7	31·6	74		12·4	3·5	0	8	19	3	0	0	0	0	0	0	0	0	0	30
		19	82·7	78·1	30·9	81		11·3	4·6	0	3	18	7	2	0	0	0	0	0	0	0	0	30
NEGRIL POINT LH	27	07	78·5	73·0	25·2	76		2·1	3·1	6	13	2	6	3	0								
		13	88·7	78·0	28·0	61		9·0	4·4	0	5	15	8	2	0								
NEGRIL POINT LH	27	19	82·1	76·0	28·0	75		3·7	5·2	1	5	9	8	7	0								
ORANGE RIVER	950	08	77·0	73·3	26·4	83																	
		16	80·5	75·5	28·0	79																	
PALISADOES APT	9	01	80·5	78·0	31·7	89	1014·8	3·5	2·8	0	19	5	5	1	0	0	0	0	0	0	0	1	29
		07	81·8	78·1	31·2	84	1015·0	4·0	3·6	0	14	6	8	2	0	0	0	0	0	1	1	0	28
PALISADOES APT	9	13	87·2	82·0	35·0	79	1014·7	18·7	4·9	0	7	10	9	4	0	0	0	0	0	0	0	1	29
		19	84·1	79·5	32·3	81	1014·1	12·1	5·3	0	3	10	16	1	0	0	0	0	0	0	0	1	29
SMITHFIELD	925	08	77·8	72·0	24·3	75																	
WORTHY PARK	1250	07	69·7	68·0	22·7	92																	
		15	80·6	73·4	25·1	70																	
BR HONDURAS																							
BELIZE AIRPORT	17	06	78·1	75·2	28·5	87	1013·5	3·4	5·4	0	4	10	9	7	0	0	0	0	0	0	0	8	22
		12	84·7	76·2	30·0	74	1014·5	8·2	6·2	0	1	7	14	8	0	0	0	0	0	0	1	4	25
		18	81·8	76·5	28·7	77	1012·7	6·2	5·6	0	5	4	15	6	0	0	0	0	0	0	1	11	18

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0—440	440—1,100	1,100—2,200	1½—2	2—3	3—5	5—10	10 or more
GUYANA																							
BARTICA POTARO R	400	08	82·6	77·2	29·5	78																	
		14	76·6	75·1	29·0	93																	
EBINI	60	08	76·7	75·1	29·0	92																	
		14	82·4	76·3	28·3	75																	
GEORGETOWN BOT G	7	08	78·0	75·2	28·5	87	1014·2	5·1	6·4	0	2	4	14	8	0	0	0	0	0	0	0	22	6
		14	81·9	76·9	29·3	79	1012·5	9·1	6·3	0	0	6	19	5	0	0	0	0	0	0	1	12	17
GEORGETOWN BOT G	7	08	75·1	74·3	28·5	96																	
GREAT FALLS		14	82·5	77·4	29·7	78																	
HOSORORO		08	76·5	75·0	29·0	93																	
		14	80·3	76·0	28·8	82																	
KAMARANG		08	70·4	69·3	24·0	94	1017·0	0·0	6·4	0	0	5	22	3	0	0	0	0	0	0	2	25	3
		14	78·3	73·3	25·6	76	1013·6	2·9	6·1	0	0	4	25	1	0	0	0	0	0	0	1	3	26
MAHAICONY ABARY	6	08	77·5	75·0	28·5	89		3·4	4·9	0	0	11	12	3	0	0	0	0	0	0	1	5	24
MATTHEWS RIDGE		08	74·8	73·1	27·1	92																	
		14	80·3	75·3	27·8	79																	
MAZARUNI PRISON	47	08	77·0	74·9	28·6	90																	
		14	79·7	75·7	28·6	83																	
MON REPOS		08	79·6	73·5	25·5	74																	
		14	82·6	73·8	24·5	64																	
NEW AMSTERDAM	3	08	78·8	76·0	29·5	88																	
		14	83·6	77·6	29·7	76																	
NEW AMSTERDAM	3	08	74·7	73·5	27·7	95																	
PORT KAITUMA		14	82·1	76·6	28·8	77																	
ST IGNATIUS		08	75·7	73·2	26·9	89																	
		14	82·4	75·5	27·1	72																	
TIMEHRI AIRPORT	95	02	73·6	73·5	27·9	99	1012·7	0·8	5·4	1	3	7	17	1	1	1	0	0	0	0	1	19	9
		08	76·4	75·1	29·0	94	1013·9	3·2	6·9	0	0	1	23	6	0	0	0	2	0	1	2	11	14
		14	81·6	76·5	28·8	78	1012·1	7·5	7·0	0	0	1	25	4	0	0	0	0	2	0	0	12	16
		20	75·3	74·5	28·7	96	1012·8	2·1	6·3	0	2	5	21	2	0	0	0	0	1	0	1	10	18
TIMEHRI CHS		08	76·6	75·3	29·4	94																	
		14	81·4	76·7	29·5	81																	
TIMEHRI CHS																							
WAUNA		08	76·5	74·9	28·9	93		2·7	5·2	0	1	9	8	9	0	0	0	0	0	0	4	21	2
		14	80·5	73·0	28·7	81		5·6	6·1	0	0	5	13	9	0	0	0	0	0	0	0	7	20

TABLE II SUMMARY OF DAILY OBSERVATIONS JUNE 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
TRINIDAD																	
CENTENO	3.88	.94	7	18	3	0	85.5	72.3	78.9	90	65		207.3				
PENAL AG STATION	5.99	1.73	26	12	6	2	87.8			91			44.0				
PIARCO AIRPORT	3.45	.86	7	16	2	0	87.0	72.9	80.0	89	67		197.2	2	0	0	0
ST AUGUSTINE	1.83	.55	7	10	1	0	88.2	72.2	80.2	90	67	69.1	233.0	3	0	0	0
TOBAGO																	
CROWN POINT APT	1.57	.50	7	8	1	0	87.9	74.1	81.0	90	72	72.3	243.4				
LOUIS D/OR	2.52	.41	7	14	1	0	83.5	77.4	80.5	86	70		195.4				
BARBADOS																	
HUSBANDS CMI	.74	.23	7	6	0	0	87.6	75.1	81.4	89	75		286.1				
SEAWELL AIRPORT	1.11	.30	23	6	0	0	84.9	76.4	80.7	87	74		257.7				
ST VINCENT																	
CAMDEN PARK	2.97	.70	7	12	2	0	87.3	70.3	78.8	89	65						
ST LUCIA																	
ROSEAU WINBAN	2.99	.59	12	16	4	0	85.5	75.3	80.4	87	68		243.9				
VIGIE AIRPORT	3.26	.84	26	15	3	0	87.0	74.8	80.9	88	72			2	0	0	0
DOMINICA																	
MELVILLE HALL AP	4.61	1.18	1	14	4	1	86.0	74.6	80.3	87	61		244.9				
ROSEAU	3.30	.96	16	13	3	0	86.5	74.1	80.3	88	70		202.8				
MONTSERRAT																	
GROVE	1.90	.50	12	9	2	0	85.7	76.8	81.3	88	72		188.1				

TABLE II SUMMARY OF DAILY OBSERVATIONS JUNE 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
ANTIGUA																	
COOLIDGE AIRPORT	.64	.17	3	4	0	0	86.3	76.5	81.4	87	72						
ST KITTS NEVIS																	
CAINES	1.66	.41	22	7	1	0											
NEEDSMUST	1.65	.45	21	6	2	0	88.1	75.2	81.7	9[illegible]	72						
WEST FARM	1.82	.34	4	10	0	0											
JAMAICA																	
BODLES	.22	.12	25	2	0	0	89.3	63.8	76.5	91	61		272.3				
CAENWOOD	1.39	.42	22	7	1	0	83.6	76.5	80.1	86	75	74.2					
CEDAR VALLEY	.63	.30	2	3	0	0	83.7	66.0	74.9	86	62						
CINCHONA GARDENS	.45	.16	23	6	0	0	73.4	57.6	65.5	76	56						
DALLAS							86.1	68.5	77.3	91	65						
EMPIRE NURSERY	.18	.06	25	3	0	0	82.1	64.4	73.3	85	61						
FARM HILL	.63	.35	22	5	0	0	77.7	60.8	69.2	80	57						
FROME	6.25	1.06	6	15	7	1	90.0	70.1	80.1	93	68		248.4				
HALLS DELIGHT	.20	.15	21	2	0	0	76.7	64.4	70.6	84	62						
HOPE GARDENS	2.11	.90	21	5	3	0	90.5	60.4	75.5	93	58						
IRWIN	4.70	1.87	2	13	5	1	90.4	68.7	79.5	93	67						
KINGSTON ST.GEO	.02	.02	21	0	0	0	90.5	75.2	82.9	93	73						
MARSHALLS PEN	1.04	.28	21	6	1	0	80.3	65.5	72.9	82	59	63.3					
MONTEGO BAY APT	4.17	1.47	1	6	4	2	88.9	72.4	80.6	91	70		252.7	8	0	0	0
MORANT POINT LH	.42	.16	14	3	0	0	88.0	76.4	82.2	90	74			1	0	0	0
NEGRIL POINT LH	3.25	.98	30	7	4	0	91.6	73.9	82.8	95	71			28	0	0	0
ORANGE RIVER	3.75	2.71	1	4	2	1	84.9	67.9	76.4	86	62		212.0				
PALISADOES APT							88.8	77.5	83.1	93	75		213.9	1	0	0	0
SMITHFIELD	10.40	2.88	25	17	7	2	84.6	68.9	76.7	87	67		237.4				
WORTHY PARK	.94	.36	22	7	0	0	86.5	65.6	76.0	91	61		185.2				

TABLE II SUMMARY OF DAILY OBSERVATIONS JUNE 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
BR HONDURAS																	
BELIZE AIRPORT	7·09	1·28	5	13	7	2	86·9	76·1	81·5	90	71		200·0	3	0	0	0
GUYANA																	
BARTICA POTARO R	11·52	1·65	·28	20	11	4	88·5	71·5	80·0	91	69						
DAWA	18·33	3·42	4	26	18	7											
EBINI	12·63	2·16	19	25	11	2	86·9	72·4	79·7	90	71		117·2	14	0	0	0
GEORGETOWN BOT G	15·80	2·02	3	25	15	7	83·7	74·6	79·2	86	71	71·5	134·3	5	0	0	0
GREAT FALLS	15·25	1·95	23	27	13	5	85·2	71·7	78·5	87	71	71·3		12	17	0	0
HOSORORO	19·33	2·06	20	24	16	9	84·3	72·0	78·1	88	70						
KAMARANG	18·85	1·93	29	29	19	8	81·6	67·6	74·6	86	66	66·4	117·0	4	3	0	0
MAHAICONY ABARY	16·00	2·80	25	23	12	5	84·2	72·3	78·3	87	70		186·2				
MATTHEWS RIDGE	8·79	1·50	11	24	8	1	85·1	71·6	78·4	88	68						
MAZARUNI PRISON	15·83	1·75	3	25	13	6	86·0	72·2	79·1	89	70		65·5	7	3	0	0
MON REPOS	14·26	2·06	3	23	14	5	83·7	70·4	77·0	84	69		146·5				
NEW AMSTERDAM	14·00	2·10	9	27	13	6	85·0	73·8	79·4	86	71						
PORT KAITUMA	13·94	2·13	11	25	12	4	85·9	70·6	78·3	90	67			2	0	0	0
ST IGNATIUS	14·92	2·32	22	24	15	4	86·6	72·9	79·8	90	70		151·7				
TIMEHRI AIRPORT	19·90	4·28	19	26	14	7	84·7	72·1	78·4	88	71			8	6	0	0
TIMEHRI CHS	20·44	2·21	15	28	12	7	84·9	71·3	78·1	88	69						
WAUNA	19·13	2·34	20	24	15	8	83·8	70·8	77·3	87	68		85·2	14	0	0	0

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JUNE 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F At 2 inch depth					SOIL TEMPERATURES °F At 4 inch depth				TOTAL RADIATION (langleys)		
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	88	134	6•10	•30	11										13167	556	222
PENAL AG STATION	76	112	6•55	•38	14	93•8	75•2	1	1	23	72	89•3	78•6	91	76		
PIARCO AIRPORT	112	147	7•06	•32	19												
ST AUGUSTINE UWI	29	112	4•86	•22	15										8604	505	96
TOBAGO																	
CROWN POINT APT	97	132	8•40	•42	3												
LOUIS D/OR	34	67	6•58	•38	21	97•8	80•0	1	8	22	72						
BARBADOS																	
HUSBANDS CMI	202	240	11•28	•45	25	81•3			93	22		80•9	74•5	83	72		
ST VINCENT																	
CAMDEN PARK	131	188															
DOMINICA																	
ROSEAU	94	177	7•03M	•33	16										15301	589	387
MONTSERRAT																	
GROVE	56	267	8•72	•50	12										14775	619	364
ST KITTS NEVIS																	
CAINES			6•81	•46	4												
NEEDSMUST			6•16M	•44	27							81•9	74•0	87	69		
WEST FARM			5•87	•28	4												

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JUNE 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langlays)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
JAMAICA																	
BODLES	79	156	8•67	•44	27												
CEDAR VALLEY	46	68	6•54	•31	22												
EAST ALBION NURS	19	28	9•43	•44	18												
EMPIRE NURSERY	33	56															
FARM HILL	24	120	3•62	•14	3												
FROME.			5•82	•43	8												
HALLS DELIGHT	33	88	4•62M	•35	6												
MONTEGO BAY AIRP	112	177	8•92M	•44	19												
NEGRIL POINT LH			5•18	•21	15												
ORANGE RIVER	38	68	6•21	•40	27										14645	700	339
PALISADOES APR	165	279															
SMITHFIELD	54	77	5•37	•24	16	91•4	71•7	97	9	70	86•7	74•0	93	72			
WORTHY PARK	43	118	5•07	•21	3												
GUYANA																	
DAWA			4•08	•25	17												
EBINI	66	116	4•36	•23	6	89•0	76•7	96	21	76	86•2	77•2	92	76			
GEORGETOWN BOT G	69	116	3•93	•22	24												
GREAT FALLS			3•77	•30	16												
KAMARANG	37	54	4•26	•28	24												
MAHAICONY ABARY	90	112	7•37	•31	14												
ST IGNATIUS	92	145	5•31M	•34	18												
TIMEHRI CHS	50	94															
WAUNA	38	74	4•77M	•37	5	85•6	72•3	93	25	70							

TABLE IV – SUMMARY OF RAINFALL INTENSITY RECORDS JUNE 1971

COUNTRY STATION	MAXIMUM AMOUNTS (Inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO	.31	.39	.39	.43	.44	.44	.65	.87
PENAL AG STATION	.35	.35	.35	.53	.81	1.17	1.49	1.50
PIARCO AIRPORT	.20	.26	.28	.31	.37	.37	.63	.82
ST AUGUSTINE UWI		.34	.34	.34	.34	.36	.36	.36
TOBAGO								
CROWN POINT APT	.08	.16	.17	.22	.22	.22	.28	.28
LOUIS D/OR		.27	.33	.33	.33	.38	.40	.40
BARBADOS								
HUSBANDS CMI	.10	.11	.11	.17	.23	.23	.23	.23
MONTSERRAT								
GROVE	.22	.29	.29	.29	.35	.35	.44	.50
JAMAICA								
BODLES	.07	.08	.08	.10	.10	.10	.12	.12
SMITHFIELD	.42	.80	.99	1.48	1.67	2.77	2.88	2.88
GUYANA								
APAIKWA	.38	.62	.87	.93	1.08	1.34	1.48	2.08
BARTICA DEM. STA	.76	1.12	1.12	1.32	1.45	1.57	1.80	1.82
COOPERS LANDING	.42	.56	.62	.83	.95	1.28	1.94	2.51
DAWA	.39	.51	.74	1.00	1.34	2.10	3.14	3.14
EBINI	.28	.40	.52	.87	.94	1.38	2.15	2.16
GEORGETOWN BOT G	.31	.47	.52	.68	1.00	1.13	1.48	1.83
GREAT FALLS	.28	.44	.65	.86	1.00	1.00	1.92	1.95
KAMARANG	.40	.71	.76	.95	.96	1.33	1.87	1.90
MAHAICONY ABARY	.	.49	.62	.99	1.15	1.31	1.97	2.05
MATTHEWS RIDGE	.18	.33	.43	.64	.78	.80	1.12	1.24
ST IGNATIUS	.25	.49	.70	.91	1.55	2.02	2.22	2.72
TIMEHRI AIRPORT	.26	.41	.57	.94	1.10	1.36	2.72	4.20
WAUNA	.38	.54	.55	.66	.89	1.36	2.25	2.32

TABLE V – SUMMARY OF WINDSPEED RECORDS JUNE 1971

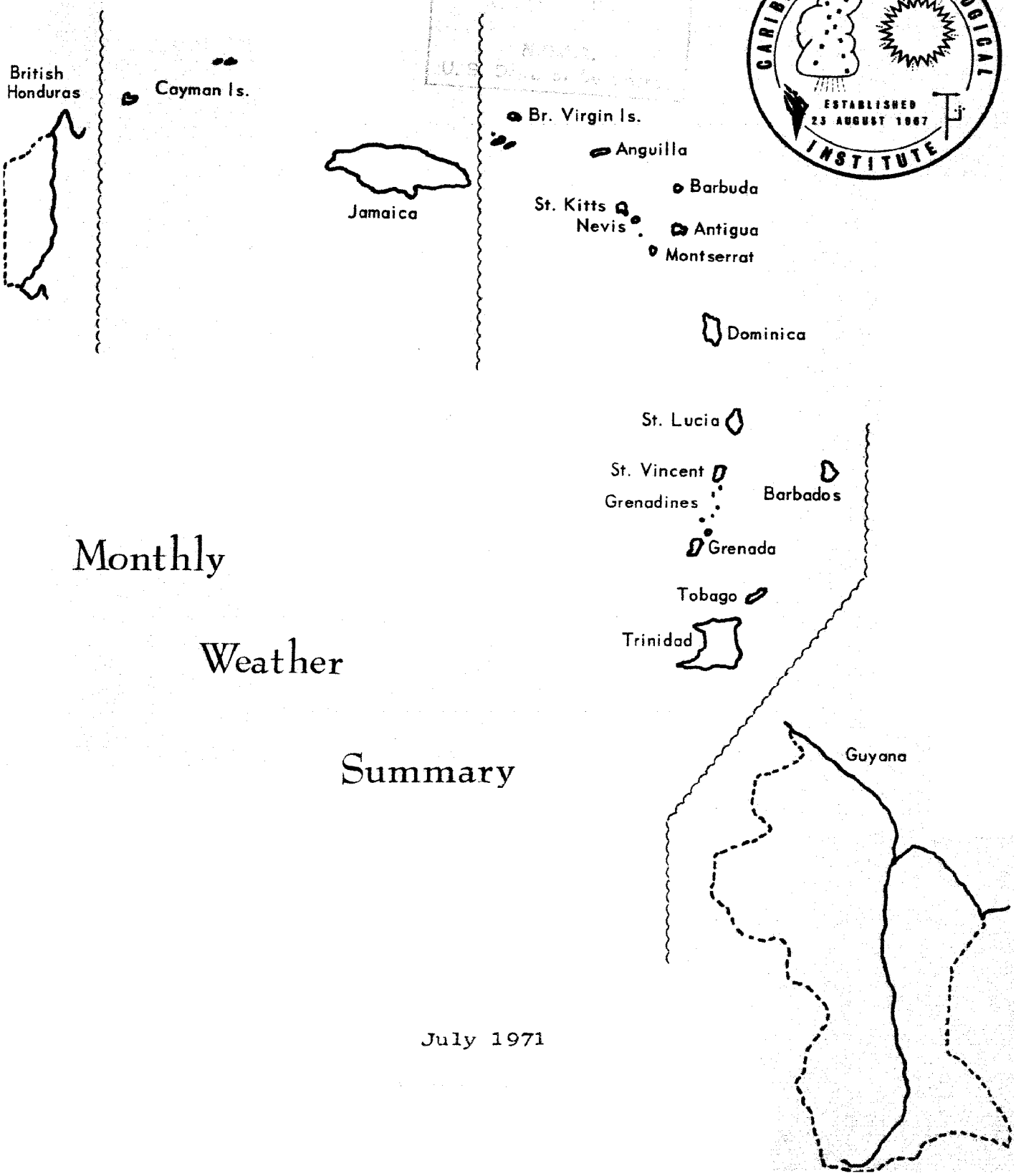
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	08	20	13	11	08	36	1545	2	1	0	0	6·5
TOBAGO												
CROWN POINT APT	12	18	12	2	10	28	1210	17	0	0	0	8·4
BARBADOS												
HUSBANDS CMI	15	15	13	17	15	31	1245	17	0	0	0	7·5
ANTIGUA												
COOLIDGE AIRPORT	10	21	15	16	13	29	0915	17	0	0	0	10·1
JAMAICA												
MONTEGO BAY	07	23	14	16	09	34	1440	2	1	0	0	5·6
GUYANA												
GEORGETOWN O R R	04	24	03	18	05	37	2240	14	2	0	0	11·0
KAMARANG	07	12	15	14	07	26	1430	14	0	0	0	1·4

TABLE VI - SUMMARY OF SUNSHINE RECORDS JUNE 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12
TRINIDAD																								
CENTENO	0	1	18	70	72	77	71	69	68	63	60	52	22	0	207.3	54	10.6	4	2	3	6	7	12	0
PENAL AG STATION	0	1	18	15	10	10	1	2	22	36	12	12	9	0	44.0	12	5.7	5	7	19	4	0	0	0
PIARCO AIRPORT	0	20	57	65	68	74	68	66	64	59	60	50	19	0	197.2	52	10.8	5	3	4	6	5	12	0
ST AUGUSTINE UWI	0	29	72	82	80	85	78	69	68	70	63	57	25	0	233.0	61	11.2	4	2	0	5	9	14	0
TOBAGO																								
CROWN POINT APT	0	32	67	85	86	87	86	81	80	76	65	62	35	0	243.4	64	11.9	5	0	3	2	12	13	0
LOUIS D/OR	0	0	37	58	79	73	76	80	70	70	63	41	5	0	195.4	51	9.6	5	0	5	2	17	6	0
GRENADA																								
MIRABEAU	0	34	70	69	71	69	67	62	61	70	57	44	17	0	207.4	54	10.4	5	0	3	8	11	8	0
BARBADOS																								
HUSBANDS CMI	0	33	74	92	92	95	92	91	93	90	85	81	41	0	286.1	74	11.6	4	0	0	2	6	22	0
SEAWELL AIRPORT	0	12	58	80	92	94	92	91	92	85	89	80	30	0	257.7	69	11.2	5	0	0	3	9	17	0
DOMINICA																								
MELVILLE HALL AP	0	38	67	67	82	87	83	79	84	80	73	61	20	0	244.9	63	11.3	14	0	0	7	11	12	0
ROSEAU	0	2	31	52	59	71	74	81	80	72	75	65	13	0	202.8	52	10.4	6	0	1	11	13	5	0
MONTSERRAT																								
GROVE	0	5	29	47	62	71	70	71	71	69	65	49	19	0	188.1	48	9.8	14	0	4	12	9	5	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS JUNE 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0·1-3·0	3·1-6·0	6·1-9·0	9·1-12·0	MORE THAN 12
BR VIRGIN IS.																								
PARAQUITO BAY	0	0	45	94	97	97	99	92	94	96	99	99	47	0	288·4	73	10·5	5	0	0	0	5	25	0
JAMAICA																								
BODLES	4	56	88	89	86	81	90	89	83	76	71	56	40	2	272·3	69	11·5	17	0	2	2	5	21	0
EAST ALBION NURS	0	41	76	86	89	92	90	92	89	85	84	67	25	0	265·5	69	11·2	7	0	2	0	6	21	0
FROME	0	48	83	89	90	88	87	78	68	57	52	46	36	4	248·4	63	11·8	7	1	0	6	8	15	0
MONTEGO BAY	0	48	87	93	94	92	90	82	73	55	51	33	12	0	252·7	61	11·8	8	0	1	3	17	9	0
SMITHFIELD	15	82	84	94	98	92	81	92	81	33	25	33	31	1	237·4	60	11·7	17	0	1	4	17	8	0
BR HONDURAS																								
BELIZE AIRPORT	3	41	67	60	61	61	58	58	56	59	52	33	4	0	200·0	51	12·2	1	0	8	5	5	11	1
GUYANA																								
EBINI	0	5	22	35	41	47	48	54	48	33	30	23	5	0	117·2	31	8·2	9	0	10	14	6	0	0
GEORGETOWN BOT G	0	0	24	40	39	43	48	46	55	58	46	38	9	0	134·3	36	9·3	21	1	10	8	9	2	0
KAMARANG	0	3	16	16	41	51	46	53	50	45	32	27	11	0	117·0	31	8·4	24	1	9	15	5	0	0
MAHAICONY ABARY	0	13	31	53	55	63	61	70	70	70	66	53	16	0	186·2	50	10·5	19	0	7	5	10	8	0
MAZARUNI PRISON	[illegible]	3	21	27	18	24	26	30	20	19	14	14	3	0	65·5	18	9·4	28	3	21	3	1	1	0
MON REPOS	0	13	32	40	45	51	46	54	57	56	45	35	14	0	146·5	39	10·2	20	2	8	8	[illegible]	3	0
ST IGNATIUS	0	8	19	40	43	54	53	56	47	57	55	51	25	0	151·7	41	9·8	17	0	5	15	9	1	0
WAUNA	0	7	29	36	27	29	29	32	34	27	17	11	6	0	85·2	23	9·4	22	1	16	7	5	1	0



CARIBBEAN METEOROLOGICAL INSTITUTE
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Monthly Weather Summary

July 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute
Husbands, St. James, Barbados, W.I.

July 1971

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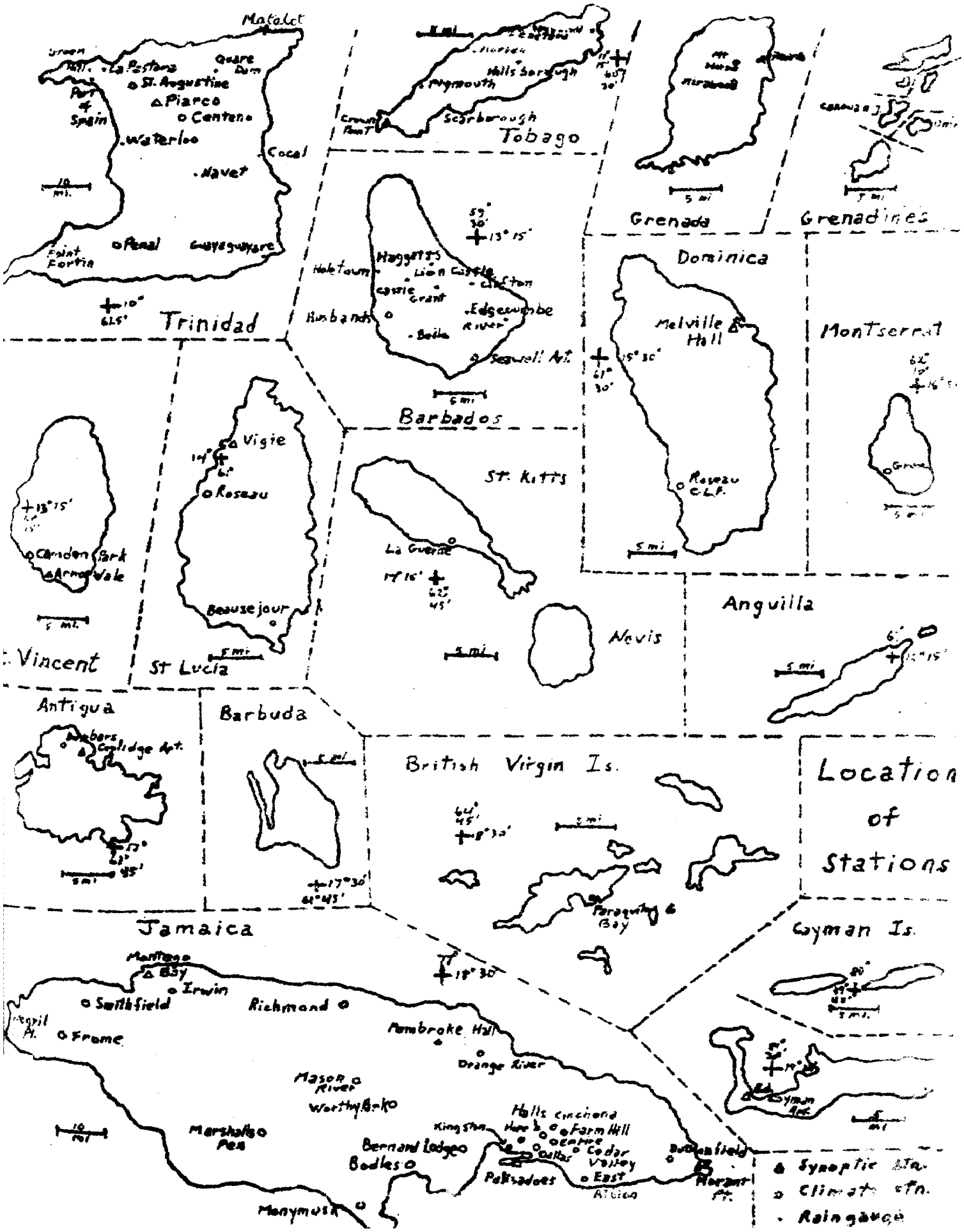
Matelot
La Pastora
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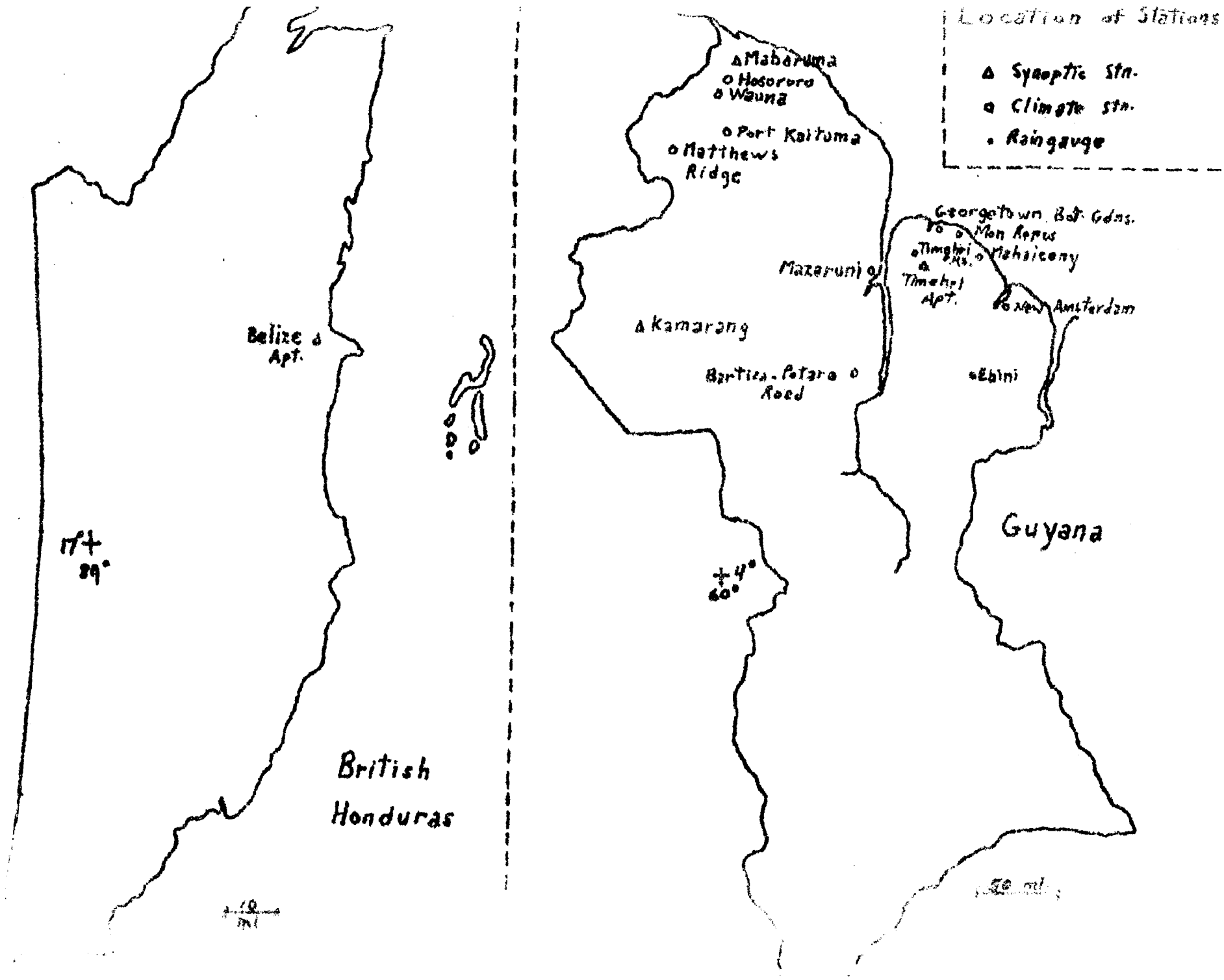
Raingauge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Climate Stn.
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Hosororo
Wauna
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Mazaruni
Kamarang
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New Amsterdam
Ebini
Guyana
Belize Apt.
British Honduras

NOTES ON THE OBSERVATIONS AND SUMMARIES

GENERAL

1. The maps show the approximate location of the stations, including some that are in the process of being established and others from which returns are sometimes delayed. Thus in any particular month summaries for a station may not appear in the tables. It is expected that supplementary tables, incorporating previously missed observations, will be added from time to time. A complete station list is published in the January issue each year.

2. Thermometers are exposed in louvred wooden screens with their bulbs approximately 4 feet above the ground. Forced ventilation of the wet and dry bulb thermometers is not generally used.

3. At most stations the raingauge has its rim 1 foot above the ground but in Guyana this height is generally one metre. Most of the standard gauges are 5 inches in diameter; the recording gauges, usually of the tilting-syphon or natural-syphon types, are either 5 or 8 inches in diameter.

4. Local Standard Time (LST) in Belize is 6 hours behind Greenwich Mean Time (GMT); in Jamaica and the Cayman Islands, it is 5 hours behind, and in the rest of the countries, it is 4 hours behind. For some of the daily observations the unit of time is the calendar day; for others, it is the 24-hour period commencing at the time of the morning observation on that date and called the "Climate day".

5. In each summary table, stations are arranged in alphabetical order within countries. The countries are arranged in geographical order commencing with Trinidad, then moving northwards and westwards along the island chain through Jamaica and the Cayman Islands to Belize, and concluding with Guyana.

6. A blank space indicates that data are not available, or were considered unreliable.

TABLE I

1. This table gives summaries of observations made at fixed hours, LST. At synoptic stations these are the main synoptic reporting hours (00, 06, 12, 18h GMT). At other stations they are the one or two hours at which observations are made each day.

2. The mean dry bulb and wet bulb temperatures are the averages of the 30 or 31 (28 or 29 for February) daily values as measured at that time of day. The mean vapour pressure is similarly the average of the 30 or 31 computed daily values. On the other hand, the mean relative humidity is computed as the ratio of the mean vapour pressure to the saturation vapour pressure at the mean dry bulb temperature.

3. Barometric pressure is generally measured only at synoptic stations. The values given are the means of the 30 or 31 daily observations at that time, each reduced to mean sea level before being averaged.

4. The observation hour windspeed is generally read from an indicator, but at some stations it is taken from the anemograph chart. The average of the 30 or 31 daily values is given in this table. They must be considered as indicating only the mean speed during the month for a particular time of day, and a mean daily windspeed should not in general be calculated from them. This is particularly true of stations with only one or two hourly observation times, and at those where the four synoptic hour values indicate a significant diurnal effect.

5. Cloud cover is observed at synoptic stations and reported as the fraction of the sky (in eighths) that is occupied by cloud. The mean amount given here is the average of the 30 or 31 daily reports for that time of day. The number of days on which the sky was clear at that time of day (0 eighths), mostly clear (1, 2), partly cloudy (3-5), mostly cloudy (6, 7), or overcast (8) is given in the following columns. An entry in the column headed "9" would indicate an observation for which the sky was either partially or wholly obscured (as, for instance, by fog). It should be noted that the total number of observations in the six columns will be equal to the number of days in the month, unless an observation was missed.

6. Visibility is reported from the synoptic stations in terms of the number of miles (or yards) at which objects are clearly distinguishable. This is customarily "10 or more miles" unless some obscuring material (usually haze, smoke, fog or rain) is present in the air. Again, the total number of observations in these eight columns will be equal to the number of days in the month unless an observation was missed.

TABLE II

1. This table gives summaries of the usual daily observations. All stations listed in Table I should also have entries here. In addition, stations observing only rainfall and/or temperature extremes, will be included in Table II but not in Table I.

2. The rainfall data are from the standard raingauge at each station. The observation is taken in the morning usually at 12h G T (i.e. at 6 to 8 A.M. LST) and is entered to the previous day. The "climate day" thus terminates at the time of the following morning's observation and not at midnight. The most

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rain in a day, the date on which it occurred, and the number of days with amounts exceeding .04, .40 and 1 inch, all refer to the "climate day".

3. Maximum and minimum temperatures are read in the morning, with the maximum being entered to the previous day. As indicated, the mean daily temperature given in this table is the average of mean maximum and mean minimum temperatures. The highest maximum and lowest minimum observed during the month are also given.

4. The grass minimum temperature is found from a thermometer exposed to the atmosphere at a height of .2 inches above the ground. As it will cool through overnight radiation loss, generally lower temperatures than those from the screened thermometers will be observed. The mean of the 30 or 31 daily values is given in the table.

5. All stations for which monthly sunshine totals are given here will normally have entries in Table VI as well.

6. At synoptic and a few other stations, the observer is asked to note the occurrence of thunder, fog, hail or gale (i.e. a mean windspeed in excess of 34 knots). The total number of calendar days during the month with such occurrences is given here. It should be emphasized that unless the station is manned continuously, these events, particularly thunder, are likely to be under-counted.

TABLE III

1. This table gives summaries of additional daily observations of importance primarily to agriculture.

2. The wind mileage data are from totalizing cup anemometers set 6 feet above the ground. The counters are read at the morning observation hour and hence both the "daily mean" and "most in a day" figures refer to the climate day rather than the calendar day. It should be noted that, as the mean hourly windspeeds calculated from these values would refer to a 6 foot height, they will be significantly lower than those means that may appear for the same stations in Table V.

3. Evaporation is usually measured using a Class A pan, a metal container, 4 feet in diameter and 10 inches deep, which is exposed on a wooden platform just above the ground. The water depth in the pan is maintained at between 7 and 8 inches, with changes in the level being measured at each morning's observation. The total water loss for the month is given in the table together with the maximum daily loss during the month and the date on which it occurred. Both these last entries refer to the climate day. Daily readings are sometimes missed when the pan is cleaned or repaired. If more than four readings in a month are missing, no total is shown, if three or four readings are missing, the total is adjusted and printed with the letter 'M' next to it, if one or two readings are missing, the adjusted total is printed but without an "M".

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4. Soil temperature extremes are read in the morning; the maxima being entered to the previous day. The mean maximum, mean minimum and extremes are given for the two depths that are most frequently instrumented at the various stations.

5. Radiation measurements are mostly from Gunn-Bellani pyranometers that are read in the morning and are entered to the previous day. While the most and least in a day will refer to the climate day, there will be little difference for solar radiation between climate and calendar days as the morning observation is generally taken shortly after sunrise.

TABLE IV

1. This table gives maximum rainfall amounts during specified periods of time, as determined from the charts of recording raingauges.

2. It is important to note that, presently, the measurement of maximum amounts at some stations is confined to single 24-hour periods (the climate, or rainfall day) while at others two daily charts may be combined when necessary for the determination of maximum amounts. These two procedures are likely to produce divergent results only for the 6 and 12 hourly periods, with the former method tending to under-record these maximum amounts.

TABLE V

1. This table gives mean windspeeds and details of the highest winds recorded at stations possessing anemographs. These figures normally relate to heights of between 30 and 60 feet above the ground.

2. For each hour during the month a mean windspeed to the nearest knot is read off the chart. The prevailing wind direction to the nearest 10° is also given. The highest speed for any clock hour is given in this table, together with the corresponding direction and time and date of occurrence.

3. The direction, speed and occurrence time of the highest gust during the month is also given. While response characteristics of the different anemographs in use varies, this will generally represent the speed over a 2-5 second averaging time.

4. The number of hours during the month in which one or more gusts occur that exceed 33, 47 and 63 knots (i.e. Beaufort force 7, 9 and 11 respectively), are given in the next three columns. These values correspond to 38, 55 and 72 miles per hour.

5. The average of all the hourly anemograph values during the month is given in the last column. At stations where the diurnal effect is relatively small, this figure and the average of the four windspeed entries for synoptic stations in Table I should be reasonably close.

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TABLE VI

1. This table gives summaries of the hourly and daily amounts of sunshine, measured by Campbell-Stokes sunshine recorders. The time scale produced by the recorder and used here is centred on solar noon and is referred to as local apparent time (LAT). Except for the Cayman Islands, local apparent time does not differ from the local standard time by more than ± 10 minutes on average.

2. During each hour the amount of direct sunshine is measured in tenths of an hour. The mean duration figures given here are the averages of the 30 or 31 daily values for that hour; as they are in hundredths, they can also be considered as giving directly the percentage of time that the sun shone for each hour during the day.

3. The total duration in hours will be equal to the sum of the previous columns times the number of days in the month. It is also expressed as a percentage of the maximum amount possible, based on the stations' latitude and the season.

4. The most sunshine in any day and the date of occurrence are given; where two or more days are tied for maximum, only the earlier date is listed.

5. The number of days with sunshine amounts in different ranges is given in the last part of the table. The sum of the entries here should equal the number of days in the month. Where they do not, it indicates that one or more values have been missed; provided that fewer than 6 days are missing, the monthly total duration will have been adjusted to represent the whole month.

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0-440	440-1,100	1,100-2,200	miles ¼-½	½-1	1-2	2-5	5-10	10 or more
TRINIDAD																								
CENTENO	50	08	78·7	76·3	29·8	89																		
PENAL AG STATION	25	08	77·3	74·8	28·6	89																		
PIARCO AIRPORT	41	02	75·1	73·5	27·4	92	1013·5	3·4	4·6	2	6	10	12	1	0	0	0	0	0	0	0	11	20
		08	78·6	75·4	28·4	85	1014·4	6·9	4·8	0	8	6	16	1	0	0	1	2	0	0	1	9	18
		14	84·6	76·3	27·3	67	1013·5	12·8	5·9	0	2	7	18	4	0	0	0	1	0	0	1	9	20
PIARCO AIRPORT	41	20	77·8	74·8	28·1	86	1013·6	4·7	4·9	0	7	7	15	2	0	0	0	0	0	0	1	10	20
ST AUGUSTINE UWI	52	08	79·8	74·8	27·2	78	1014·3	0·8	4·9	0	7	9	9	6	0								
		16	83·3	75·2	26·2	67	1012·2	1·7	6·1	0	1	8	14	8	0								
TOBAGO																								
CROWN POINT AIRP	9	02	77·4	74·2	27·5	86	1013·4	5·5	4·2	0	11	7	13	0	0	0	0	0	0	0	0	5	26
		08	81·0	75·3	27·9	77	1014·6	10·4	5·2	0	6	8	14	3	0	0	0	0	0	1	0	9	21
		14	84·3	76·9	28·3	70	1013·6	13·5	5·7	0	2	11	13	5	0	0	0	0	0	0	0	9	22
		20	78·5	74·7	27·6	83	1013·8	6·4	4·7	0	8	7	14	2	0	0	0	0	0	0	0	5	26
LOUIS D/OR	40	08	81·0	75·4	27·6	79																		
GRENADA																								
PEARLS AIRPORT	22	08	84·5	76·3	28·8	71	1014·1	11·4	4·4	0	6	14	8	2	0	0	0	0	0	0	0	11	19
		14	83·2	77·2	29·2	75	1013·5	12·3	4·0	0	11	8	11	0	0	0	0	0	0	0	0	7	23
BARBADOS																								
HUSBANDS CWI	370	08	80·7	74·5	26·4	74	1015·7	10·2	5·5	0	0	16	15	0	0	0	0	0	0	0	2	1	28
		14	84·6	74·9	25·0	62	1014·4	11·7	5·6	0	0	16	15	0	0	0	0	0	0	0	2	1	28
SEAWELL AIRPORT	183	02	79·1	75·4	28·4	84	1014·1	13·9	4·2	0	8	13	9	1	0	0	0	0	0	0	0	0	31
		08	81·1	76·4	29·0	80	1015·4	14·7	4·9	0	4	11	15	1	0	0	0	0	0	0	0	1	30
		14	83·7	76·7	28·2	71	1014·4	15·4	4·7	0	5	13	13	0	0	0	0	0	0	0	0	0	31
		20	80·0	75·7	28·4	81	1014·8	13·3	4·2	0	9	13	9	0	0	0	0	0	0	0	0	0	30
ST VINCENT																								
CAMDEN PARK	30	08	81·4	76·9	28·8	79																		
		16	83·9	77·6	29·5	74																		
ST LUCIA																								
ROSEAU WINBAN		09	82·4	75·0	26·2	69																		
VIGIE AIRPORT	7	08	81·2	74·4	26·1	72	1015·6	9·1	4·0	0	6	10	6	0	0	0	0	0	0	0	0	0	22
		14	84·9	75·6	26·0	63	1014·9	10·7	4·5	0	4	10	7	0	0	0	0	0	0	0	0	0	21

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1971

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DOMINICA																							
ROSEAU	220	09	81·2	77·3	30·5	83																	
ANTIGUA																							
COOLIDGE AIRPORT	26	08	81·3	75·4	27·7	76	1017·0	14·1	3·9	0	11	11	8	1	0	0	0	0	0	0	0	1	30
		14	85·2	76·7	27·6	67	1016·5	15·2	3·8	0	7	18	4	2	0	0	0	0	0	0	0	2	29
		20	80·3	75·2	27·7	78	1016·5	13·0	3·5	0	14	10	6	1	0	0	0	0	0	0	0	1	30
DUNBARS	220	09	82·8	78·5	31·5	83																	
		15	84·2	76·1	27·2	68																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	80·6	74·8	26·8	58	1017·5	9·3	4·7	0	1	15	5	0	1	0	0	0	0	0	1	1	20
		14	84·1	76·2	27·3	68	1016·4	9·4	4·2	0	4	14	4	0	1	0	0	0	0	0	0	3	20
JAMAICA																							
BODLES	60	07	75·1	72·2	25·8	87																	
		13	87·8	77·0	27·0	60																	
CAENWOOD	50	08	79·2	77·4	31·4	92																	
		16	80·1	78·8	32·9	94																	
CEDAR VALLEY	1980	07	74·1	68·8	21·7	75																	
CEDAR VALLEY	1980	13	82·4	71·8	21·9	58																	
CINCHONA GARDENS	4897	07	63·5	60·6	16·8	84																	
		16	68·9	64·9	19·3	80																	
DALLAS	950	09	83·4	73·4	23·7	61																	
		15	86·3	76·2	26·5	62																	
EAST ALBION NURS	90	07	81·6	74·4	25·8	70																	
		13	87·3	76·5	26·2	59																	
EMPIRE NURSERY	2130	07	67·4	62·7	17·4	76																	
		13	83·9	71·1	20·2	51																	
FARM HILL	4020	07	67·5	63·9	18·7	81																	
FARM HILL	4020	13	78·6	74·2	27·0	81																	
HALLS DELIGHT	3020	07	71·9	65·3	18·4	69																	
		13	76·0	68·2	20·3	66																	
HOPE GARDENS	712	07	73·9	69·7	23·0	80																	
IRWIN	80	08	81·0	76·2	28·7	80																	

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JAMAICA																							
IRWIN	80	15	86·3	78·6	30·0	70																	
KINGSTON ST GEOR		07	79·0	72·8	24·8	73																	
		13	88·0	77·8	28·0	62																	
MARSHALLS PEN	2300	07	69·3	66·7	21·2	87		10·9	2·7	0	18	11	1	0	1								
		13	80·5	72·1	23·2	65		9·7	4·0	0	10	11	8	0	2								
MONTEGO BAY APT	3	01	76·8	73·2	26·3	83	1014·6	1·7	2·5	1	20	4	6	0	0	0	0	1	0	0	0	0	30
		07	77·2	73·3	26·3	82	1014·8	1·4	3·6	0	10	15	5	1	0	0	0	0	0	0	0	0	31
		13	87·6	78·2	28·8	64	1014·3	18·2	4·3	0	7	13	11	0	0	0	0	0	0	0	0	0	31
		19	81·6	76·0	28·2	77	1013·9	5·0	5·2	0	4	11	15	1	0	0	0	0	0	0	0	1	30
MORANT POINT LH	6	01	81·5	77·7	30·7	84		13·1	3·5	2	7	17	5	0	0	0	0	0	0	0	0	0	31
MORANT POINT LH	6	07	81·4	77·5	30·6	84		13·0	4·6	0	4	17	10	0	0	0	0	0	0	0	0	0	31
		13	86·0	79·9	32·1	76		13·9	3·7	0	7	17	6	1	0	0	0	0	0	0	0	0	31
		19	82·8	78·4	31·2	81		12·2	3·5	0	11	14	6	0	0	0	0	0	0	0	0	0	31
NEGRIL POINT LH	27	07	76·9	72·8	25·8	82	1014·3	2·4	2·9	1	18	7	4	1	0	0	0	0	0	0	0	0	31
		13	87·9	78·5	28·9	64	1014·0	7·8	4·7	0	3	15	10	2	0	0	0	0	0	0	0	0	30
NEGRIL POINT LH	27	19	80·7	75·4	27·3	76	1013·4	3·1	5·8	0	3	7	16	5	0	0	0	0	0	0	0	0	31
ORANGE RIVER	950	08	77·6	75·2	25·9	80																	
		16	80·6	74·2	26·7	75																	
PALISADOES APT	9	01	79·5	72·8	27·5	80	1014·4	6·6	2·5	0	21	6	4	0	0	0	0	0	0	0	0	0	31
		07	79·7	75·3	28·4	82	1014·6	5·7	4·2	0	9	11	10	1	0	0	0	0	0	0	0	0	31
PALISADOES APT	9	13	87·1	79·4	31·8	72	1014·9	18·5	4·7	0	7	8	12	4	0	0	0	0	0	0	0	0	31
		19	82·2	76·5	29·1	78	1013·5	12·7	5·6	0	4	7	17	5	0	0	0	0	0	0	0	0	31
SMITHFIELD	925	08	78·1	72·8	25·2	77																	
WORTHY PARK	1250	07	69·4	67·8	22·5	92																	
		15	80·0	73·4	25·1	72																	
BR HONDURAS																							
		06	77·2	74·8	28·4	88	1013·7	3·1	6·1	0	2	6	17	6	0	0	0	0	0	0	2	9	20
BELIZE AIRPORT	17	12	83·6	77·1	28·8	73	1014·6	7·5	6·2	0	1	7	15	8	0	0	0	0	1	0	1	6	23
		18	82·1	76·6	28·8	77	1012·8	5·5	5·5	0	4	7	16	4	0	0	0	0	0	0	0	6	25

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GUYANA																							
BARTICA POTARO R	400	08	76·6	75·0	28·9	92																	
		14	86·2	77·2	27·9	65																	
CBINI	60	08	76·5	74·8	28·7	92	1013·8	1·9															
		14	84·5	76·6	27·7	68	1010·4																
GEORGETOWN BOT G	7	08	78·1	75·2	28·7	87	1013·8	4·3	6·1	0	0	9	17	4	0	0	0	0	0	0	1	11	18
GEORGETOWN BOT G	7	14	82·6	76·7	28·7	75	1012·3	7·3	5·9	0	0	12	17	2	0	0	0	0	0	0	0	4	27
HOSORORO		08	76·0	74·7	28·8	98																	
		14	80·4	76·7	29·7	84																	
KAMARANG		08	70·9	69·3	23·9	94	1016·7	0·0	6·4	0	0	3	27	0	1	0	1	0	0	0	0	29	1
		14	79·7	72·5	24·0	69	1012·9	2·0	6·3	0	0	5	23	3	0	0	0	0	0	0	1	2	28
LETHEM	270	08	77·0	73·6	26·7	84	1015·5	7·9	6·2	0	1	8	14	8	0	0	0	0	0	0	1	16	14
		14	84·3	75·6	26·4	65	1012·9	9·4	6·0	0	0	10	18	3	0	0	0	0	0	0	1	11	19
MATTHEWS RIDGE		08	74·2	72·5	26·5	91																	
		14	80·3	77·6	31·1	87																	
MON REPOS		08	79·2	72·8	24·8	72																	
MON REPOS		14	82·7	74·2	25·2	65																	
NEW AMSTERDAM	3	08	79·0	75·7	28·9	85																	
		14	84·8	77·8	29·3	71																	
PORT KAITUMA		08	73·9	73·0	27·3	95																	
		14	81·6	76·6	28·9	78																	
ST IGNATIUS		08	76·5	73·2	26·4	84																	
		14	84·1	75·9	26·9	67																	
TIMEHRI AIRPORT	95	02	73·2	72·9	27·4	98	1012·5	0·6	4·0	2	7	11	10	1	0	0	1	1	1	0	0	11	17
		08	75·9	74·6	28·6	94	1013·8	0·9	5·4	0	5	7	16	3	0	0	0	0	3	0	1	6	21
		14	83·2	76·5	28·1	72	1011·8	6·2	6·5	0	0	6	23	2	0	0	0	0	1	2	0	7	21
TIMEHRI AIRPORT	95	20	75·5	74·5	28·7	95	1012·3	1·5	4·7	0	7	10	14	0	0	0	0	0	0	0	1	2	28
TIMEHRI OHS		08	75·7	74·8	29·1	96																	
		14	83·3	71·2	29·2	75																	
WAUNA		08	75·5	74·5	28·8	96		5·0	2·5	0	1	12	10	2	0	0	0	0	0	3	1	16	5
		14	80·3	76·5	29·5	84		7·5	6·8	0	0	3	15	7	0	0	0	0	1	0	1	12	11

TABLE II SUMMARY OF DAILY OBSERVATIONS JULY 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN $\frac{1}{2}$(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	10·34	2·49	19	21	8	2	85·5	71·5	78·5	88	69		196·1				
PENAL AG STATION	10·37	1·96	31	17	9	3	86·6			89			92·5				
PIARCO AIRPORT	9·60	2·68	19	18	7	2	86·6	72·7	79·7	90	71		207·6				
ST AUGUSTINE	6·76	1·28	31	13	7	2	87·5	71·5	79·5	90	69	68·8	218·9	2	0	0	0
TOBAGO																	
CROWN POINT APT	5·02	1·35	18	15	5	1	86·6	73·1	79·9	90	70	71·4	255·0	3	0	0	0
LOUIS D/OR	8·48	4·22	18	18	3	1	83·6	76·8	80·2	88	72		207·0				
GRENADA																	
PEARLS AIRPORT	5·56	1·14	17	15	6	1	85·3	76·7	81·0	87	72						
BARBADOS																	
HUSBANDS CMI	2·45	·48	10	14	1	0	87·0	74·8	80·9	89	73		295·9				
SEAWELL AIRPORT	1·83	·24	10	14	0	0	85·3	76·7	81·0	87	74		275·0				
ST VINCENT																	
CAMDEN PARK	6·81	3·50	31	17	3	1	87·6	70·2	78·9	89	66						
ST LUCIA																	
ROSEAU WINBAN	3·70	1·10	4	12	2	1	86·4	76·1	81·3	89	69						
VIGIE AIRPORT	3·39	·46	4	16	2	0	86·7	75·3	81·0	88	72						
DOMINICA																	
ROSEAU	9·08	3·28	25	19	6	1	86·2	73·8	80·0	89	70		205·6				

TABLE II SUMMARY OF DAILY OBSERVATIONS JULY 1971
CONTINUED

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO. OF DAYS WITH THUNDER	FOG	HAIL	GALE
ANTIGUA																	
COOLIDGE AIRPORT	2·19	·41	25	11	1	0	86·7	76·5	81·6	88	73						
DUNBARS	3·78	1·23	18	15	2	1	87·1	74·0	80·6	90	70						
ST KITTS NEVIS																	
CAINES	3·17	·84	2	12	1	0											
NEEDSMUST	2·93	1·07	15	11	2	1	88·3	74·9	81·6	92	71						
WEST FARM	3·68	1·10	15	12	2	1											
JAMAICA																	
BODLES	·38	·25	6	3	0	0	90·6	62·7	76·7	92	60		269·6				
CAENWOOD	4·11	1·30	27	11	4	1	82·8	75·5	79·2	85	73	73·3					
CEDAR VALLEY	·98	·32	14	7	1	0	84·7	64·6	74·7	89	53						
CINCHONA GARDENS	1·33	·72	27	6	1	0	74·4	57·9	66·2	79	57						
DALLAS							87·5	68·1	77·8	93	62						
EAST ALBION NURS	1·34	·41	19	4	1	0	90·0	75·5	82·8	92	72		273·4				
EMPIRE NURSERY	·16	·09	29	2	0	0	85·2	63·3	74·3	87	62						
FARM HILL	·48	·17	29	5	0	0	78·7	63·4	71·1	81	61						
FROME	8·11	1·82	29	19	7	3	90·5	69·4	80·0	92	66		242·2				
HALLS DELIGHT							81·6	64·0	72·8	89	62						
HOPE GARDENS	1·57	·61	4	4	2	0	92·2	60·3	76·2	95	58						
IRWIN	5·03	3·30	7	8	[illegible]	0	90·9	69·0	80·0	93	67						
KINGSTON ST·GEO	·43	·21	22	3	[illegible]	0	91·4	74·9	83·2	95	74						
MARSHALLS PEN	1·54	·47	14	9	[illegible]	0	81·1	65·6	73·4	84	62			2	0	0	0
MONTEGO BAY APT	1·33	·52	10	4	[illegible]	0	89·2	73·1	81·2	92	71		245·6	6	0	0	0

TABLE II SUMMARY OF DAILY OBSERVATIONS JULY 1971
CONTINUED

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO. OF DAYS WITH THUNDER	FOG	HAIL	GALE
JAMAICA																	
MORANT POINT LH	2·35	·39	19	10	0	0	87·1	75·6	81·4	88	70			5	0	0	0
NEGRIL POINT LH	3·61	1·37	13	10	3	1	91·1	73·3	82·2	93	72						
ORANGE RIVER	1·13	·38	9	6	0	0	85·2	69·4	77·3	89	65		244·8				
PALISADOES APT	·14	·10	19	2	0	0	89·3	75·9	82·6	92	74		269·1	3	0	0	0
SMITHFIELD	11·68	3·22	29	17	9	3	84·7	69·3	77·0	88	66		254·8				
WORTHY PARK	2·87	·65	14	11	3	0	85·9	64·8	75·4	89	61		214·8				
BELIZE																	
BELIZE AIRPORT	7·64	1·32	16	15	7	2	86·2	75·1	80·7	89	70		214·5	10	0	0	0
GUYANA																	
BARTICA POTARO R	7·00	1·27	1	15	8	1	89·9	70·9	80·4	92	69						
EBINI	13·24	3·34	10	18	8	4	87·2	72·1	79·7	90	70		152·7	14	6	0	0
GEORGETOWN BOT G	11·69	2·28	2	25	11	2	84·3	73·8	79·1	86	71	70·1	189·0	8	1	0	0
HOSORORO	18·79	3·51	23	28	18	6	84·7	71·5	78·1	90	70						
KAMARANG	12·01	1·47	7	23	12	3	82·3	67·8	75·1	86	65	67·2	153·4	10	2	0	0
LETHEM	12·49	4·36	9	18	10	3	86·8	72·4	79·6	92	70			11	0	0	0
MATTHEWS RIDGE	10·80	2·24	27	29	9	3	86·3	71·2	78·8	89	68						
MON REPOS	13·07	2·20	5	24	12	3	84·3	70·2	77·3	86	65		203·2				
NEW AMSTERDAM	5·45	·84	3	25	4	0	86·0	73·6	79·8	87	72						
PORT KAITUMA	10·34	1·75	23	27	9	1	85·[illegible]	69·5	77·9	91	68			8	0	0	0
ST IGNATIUS	12·32	3·18	9	20	12	3	86·7	73·4	80·1	92	71		204·5				
TIMEHRI AIRPORT	9·88	1·88	2	22	7	2	86·2	71·3	78·8	89	69			14	8	0	0
TIMEHRI CHS	10·76	1·65	5	22	6	4	86·2	70·2	78·2	89	67						
WAUNA	16·96	2·69	23	26	17	4	84·2	69·7	77·0	88	67		80·5	21	1	0	0

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST. IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	71	119	5·91	·31	4										14919	708	250
PENAL AG STATION	67	97	5·82	·29	1	94·4	75·6	103	27	73	88·0	79·2	94	77			
PIARCO AIRPORT	96	141	7·37	·43	4												
ST AUGUSTINE UWI	25	46	4·43	·22	1												
TOBAGO																	
CROWN POINT APT	87	153	7·60	·37	1												
LOUIS D/OR	26	50	6·15M	·50	8												
BARBADOS																	
HUSBANDS CMI	175	239	10·19	·42	7	88·5	72·7	94	8	70	82·9	73·5	86	72			
ST VINCENT																	
CAMDEN PARK	119	172															
DOMINICA																	
ROSEAU	85	133	6·63M	·35	15										15814	585	399
ST KITTS NEVIS																	
CAINES			6·34M	·29	8												
NEEDSMUST						78·9	74·1	85	11	71							
JAMAICA																	
BODLES	75	104	7·91	·38	19										18887	692	384
CEDAR VALLEY	55	73	7·46	·42	15												
EAST ALBION NURS	23	93	8·93	·51	11												
EMPIRE NURSERY	35	236															
FARM HILL	13	63	3·13	·14	25												
FROME			5·92M	·36	5												
HALLS DELIGHT	34	134															
MONTEGO BAY AIRP	132	183	9·55	·48	21												
ORANGE RIVER	43	62	5·98M	·37	17										15358	700	411
PALISADOES APR	162	219	10·25	·48	2												
SMITHFIELD	59	71	5·53M	·26	1	90·0	71·5	93	3	68	86·0	73·6	90	71			
WORTHY PARK	38	61	5·13	·19	17												
GUYANA																	
EBINI	53	76	5·32M	·33	29	91·2	77·1	97	30	76	88·1	77·8	93	77			
GEORGETOWN BOT G	54	120	4·94M	·24	2												
KAMARANG	38	58	5·21	·30	7												
ST IGNATIUS	85	142	6·79	·39	29												
TIMEHRI CHS	35	76															
WAUNA	24	77	4·30	·26	13	84·8	71·6	94	17	70							

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS JULY 1971

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO	.64	.92	1.20	1.88	2.26	2.30	2.30	2.49
PENAL AG STATION	.46	.49	.57	.73	.84	1.51	1.96	1.96
PIARCO AIRPORT	.53	.87	1.26	1.77	2.21	2.50	2.56	2.68
ST AUGUSTINE UWI		.55	.61	.78	.84	.84	1.17	1.23
TOBAGO								
CROWN POINT APT	.12	.22	.35	.43	.61	.70	.78	.91
BARBADOS								
HUSBANDS CMI	.28	.30	.32	.35	.36	.37	.48	.48
SEAWELL AIRPORT	.12	.12	.12	.16	.20	.20	.24	.24
JAMAICA								
PALISADOES APT	.01	.02	.04	.06	.06	.06	.06	.06
SMITHFIELD	.42	.60	1.03	1.43	2.00	2.93	3.22	3.22
GUYANA								
EBINI	.24	.38	.48	.82	1.17	1.79	3.26	3.27
GEORGETOWN BOT G	.24	.38	.45	.80	1.00	1.12	1.77	1.84
KAMARANG	.37	.49	.73	.81	.98	1.00	1.30	1.38
LETHEM	.36	.60	.70	1.13	1.32	2.05	3.40	4.72
MATTHEWS RIDGE	.30	.59	.69	1.20	1.59	1.84	1.86	2.23
NEW AMSTERDAM	.24	.24	.32	.41	.48	.52	.68	.84
ST IGNATIUS	.28	.52	.72	.87	1.05	1.21	2.70	3.58
TIMEHRI CHS	.33	.33	.50	.62	1.14	1.30	1.32	1.32
WAUNA	.56	.60	.69	.80	.98	.98	2.31	2.35

TABLE V – SUMMARY OF WINDSPEED RECORDS JULY 1971

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	08	20	13	1	09	34	0845	19	1	0	0	6·7
TOBAGO												
CROWN POINT APT	12	20	16	6	10	35	1105	11	1	0	0	9·0
BARBADOS												
HUSBANDS CMI	08	16	12	2	08	27	1155	2	0	0	0	9·5
ANTIGUA												
COOLIDGE AIRPORT	11	21	09	6	14	35	0620	5	2	0	0	14·4
GUYANA												
EBINI	06	14	13	9	14	24	2000	9	0	0	0	3·3
GEORGETOWN O R R	06	28	07	3	06	42	0645	3	1	0	0	8·3
KAMARANG	06	11	17	15	06	25	1620	2	0	0	0	1·2

TABLE VI - SUMMARY OF SUNSHINE RECORDS JULY 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	6-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0·1-3·0	3·1-6·0	6·1-9·0	9·1-12·0	MORE THAN 12
TRINIDAD																								
CENTENO	0	7	50	58	64	69	67	66	68	68	57	39	20	0	196·1	50	11·0	26	0	7	4	11	9	0
PENAL AG STATION	0	3	32	33	29	32	19	19	37	42	19	15	18	0	92·5	24	10·5	21	1	17	8	2	3	0
PIARCO AIRPORT	0	36	60	66	66	73	62	60	67	68	52	42	19	0	207·6	53	11·6	25	0	8	4	9	10	0
ST AUGUSTINE UWI	0	32	67	70	69	70	65	67	71	72	61	47	16	0	218·9	56	11·0	1	0	7	3	7	14	0
TOBAGO																								
CROWN POINT APT	0	39	65	75	80	80	74	76	76	74	75	67	42	0	255·0	65	11·4	7	0	2	6	6	17	0
LOUIS D/OR	0	1	36	72	81	72	71	74	72	69	62	49	11	0	207·0	53	10·1	29	0	4	7	13	7	0
GRENADA																								
MIRABEAU	0	45	59	67	67	75	71	73	73	67	57	41	12	0	219·1	55	11·1	1	2	3	5	10	11	0
BARBADOS																								
HUSBANDS CMI	0	38	73	85	91	91	87	93	93	89	86	81	48	0	295·9	74	11·1	5	0	0	2	7	22	0
SEAWELL AIRPORT	0	21	61	77	89	90	85	89	91	87	82	83	34	0	275·0	69	11·4	7	0	1	2	9	19	0
DOMINICA																								
ROSEAU	0	3	30	43	52	61	67	75	80	80	73	69	30	0	205·6	51	10·9	8	0	5	9	6	11	0
BR VIRGIN IS																								
PARAQUITO BAY	0	0	58	92	99	98	99	97	99	99	98	88	38	0	299·3	74	10·4	9	0	0	0	0	31	0

TABLE VI – SUMMARY OF SUNSHINE RECORDS JULY 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	6–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19					NIL	0·1–3·0	3·1–6·0	6·1–9·0	9·1–12·0	MORE THAN 12
JAMAICA																								
BODLES	0	64	95	92	91	83	83	84	75	62	64	51	28	0	269·6	66	11·7	20	0	1	2	15	13	0
EAST ALBION NURS	0	43	71	86	88	87	83	79	89	89	80	64	23	0	273·4	67	11·2	5	0	0	4	8	17	0
FROME	0	68	91	92	96	97	92	78	59	51	38	16	3	0	242·2	60	10·4	30	0	0	4	18	7	0
MONTEGO BAY	1	41	85	93	91	88	83	87	71	54	49	36	12	0	245·6	61	10·7	17	0	1	4	13	13	0
ORANGE RIVER	0	33	77	83	85	87	72	74	72	61	57	52	38	0	244·8	60	11·4	2	0	1	9	9	12	0
PALISADOES	0	56	88	89	92	93	90	80	77	78	64	47	15	0	269·1	66	11·6	5	0	0	2	13	13	0
SMITHFIELD	9	87	84	94	97	95	96	73	43	39	39	36	29	2	254·8	63	12·2	6	0	0	2	22	6	1
BR HONDURAS																								
BELIZE AIRPORT	4	45	62	69	66	59	54	57	59	63	58	55	40	2	214·5	53	11·7	20	1	5	7	5	13	0
GUYANA																								
EBINI	0	10	20	42	57	55	60	62	62	49	36	26	14	0	152·7	40	9·2	7	0	8	10	7	2	0
GEORGETOWN BOT G	0	1	38	52	49	54	50	68	72	69	67	67	26	0	189·0	49	10·2	20	0	6	8	9	8	0
KAMARANG	0	4	16	29	51	61	51	63	63	59	51	38	10	3	154·4	40	9·6	26	0	8	12	11	1	0
WAUNA	1	26	42	56	59	53	50	58	72	69	70	67	31	0	203·2	53	11·2	10	1	6	6	8	10	0
MON REPOS	0	25	44	49	57	69	68	61	65	61	60	63	37	0	204·5	54	11·5	23	0	4	9	9	9	0
ST IGNATIUS	0	9	31	34	32	27	23	22	17	16	19	18	11	0	80·5	21	7·2	1	1	20	7	3	0	0

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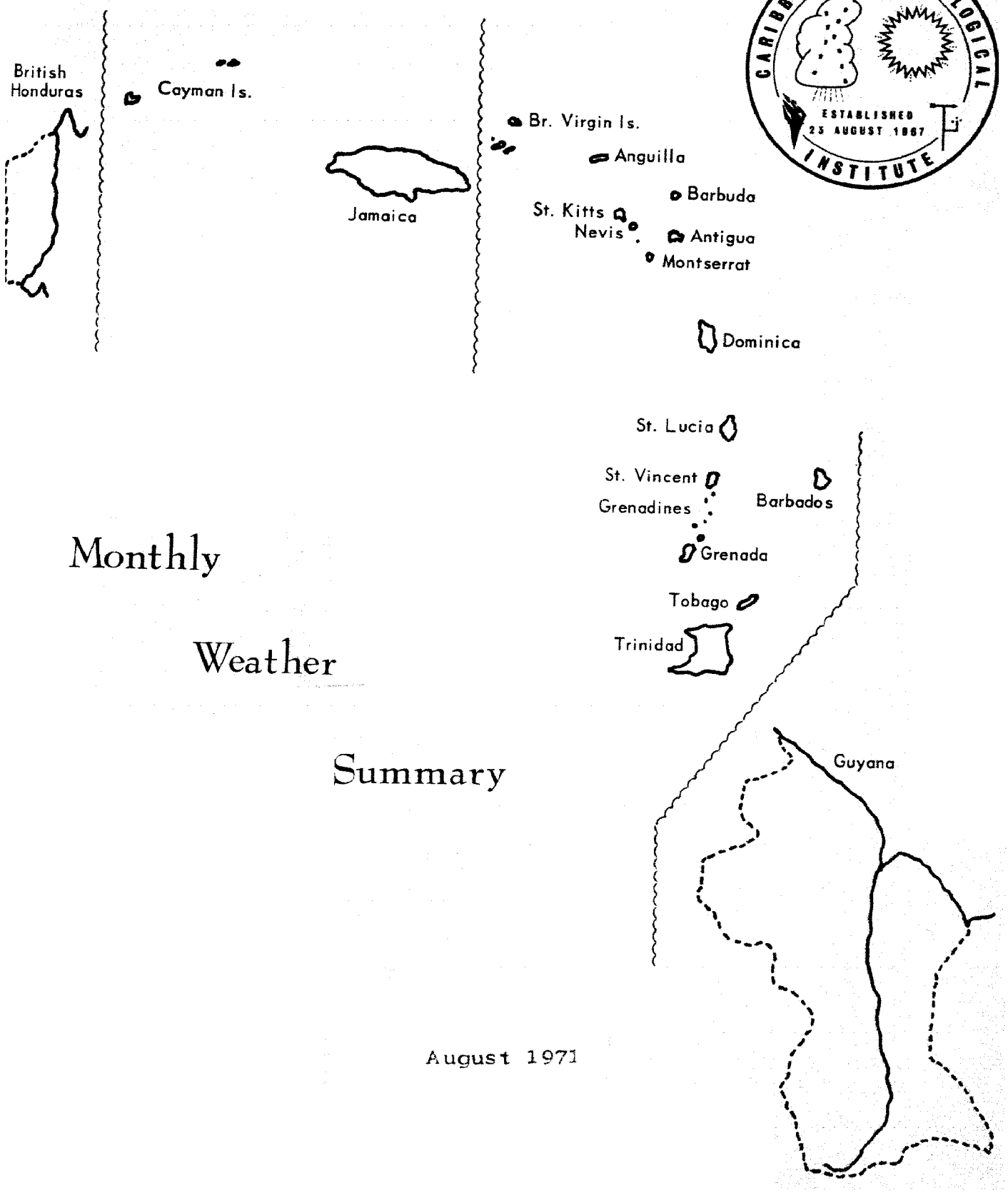

Monthly Weather Summary

August 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute,
Husbands, St. James, Barbados, W.I.

August 1971

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TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0-440	440-1,100	1,100-2,200	miles: 1/4-2	2-3	3-5	5-10	10 or more
TRINIDAD																							
CENTENO	50	08	80·0	75·4	30·0	86		1·6															
PENAL AB STATION	25	08	76·4	74·6	28·4	92		2·2															
PIARCO AIRPORT	41	02	73·8	72·5	28·1	99	1013·0	0·6	4·5	1	9	8	10	2	0	0	0	0	0	0	1	3	27
		08	77·6	74·7	28·1	87	1013·9	0·3	4·8	0	8	6	14	3	0	0	0	1	0	1	3	6	20
		14	84·5	76·3	27·2	67	1012·6	8·9	5·5	0	4	9	16	2	0	0	0	0	0	1	2	4	24
PIARCO AIRPORT	41	20	77·5	74·7	28·1	87	1012·8	3·0	4·3	1	8	11	9	2	0	1	0	0	0	0	0	0	30
ST AUGUSTINE UWI	52	08	75·6	74·3	27·9	84	1014·0	0·2	4·7	0	8	9	10	4	0								
		16	83·0	75·1	26·3	68	1011·6	0·8	6·0	0	0	12	13	5	1								
TOBAGO																							
CROWN POINT AIRP	9	02	77·1	74·3	27·7	87	1012·7	3·4	3·5	0	15	8	6	2	0	0	0	0	0	0	0	2	29
		08	81·0	76·0	28·6	79	1013·8	7·5	4·8	0	7	8	14	2	0	0	0	0	0	0	0	3	28
		14	83·5	77·0	28·8	73	1012·6	10·3	5·4	0	5	10	11	5	0	0	0	0	0	0	0	4	27
		20	78·3	74·7	27·7	84	1012·9	3·9	4·3	0	9	9	9	3	0	0	0	0	0	0	0	1	29
LOUIS D/OR	40	08	80·9	75·6	27·9	78																	
GRENADA																							
PEARLS AIRPORT	22	08	80·8	76·1	28·6	80	1013·1	8·7	4·1	0	7	13	8	2	0	0	0	0	0	0	1	6	23
		14	82·5	77·1	29·4	78	1012·4	9·3	3·9	0	14	4	8	3	0	0	0	1	0	0	0	5	23
BARBADOS																							
HUSBANDS CMI	370	08	80·2	73·1	26·8	76	1014·6	8·9	5·2	0	3	11	16	1	0	0	0	0	1	0	2	1	27
		14	82·4	74·9	26·3	70	1013·3	11·4	6·0	0	0	10	16	3	0	0	0	1	0	0	3	0	26
SEAWELL AIRPORT	183	02	78·8	75·2	28·2	84	1013·0	11·0	4·2	0	7	15	6	3	0	0	0	0	0	0	0	1	30
		08	81·2	75·8	28·1	77	1014·3	14·0	4·9	0	4	11	15	1	0	0	0	0	0	0	0	0	31
		14	82·2	76·0	28·0	75	1013·2	15·2	5·0	0	7	9	9	6	0	1	1	0	0	0	1	2	26
		20	79·5	75·2	27·9	81	1013·6	11·0	4·7	0	8	9	13	1	0	0	0	0	0	0	0	2	29
ST VINCENT																							
CAMDEN PARK	30	08	82·8	77·7	29·7	78	1015·9																
		16	84·1	77·3	29·0	73																	
ST LUCIA																							
ROSEAU WINBAN		09	83·2	77·0	29·0	75																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6,7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	miles 1/4—2	2—3	3—5	5—10	10 or more
DOMINICA																							
ROSEAU	220	09	80·1	78·0	31·5	90																	
MONTSERRAT																							
GROVE	150	08	81·4	75·4	27·5	75																	
		16	83·0	76·0	27·5	71																	
ANTIGUA																							
COOLIDGE AIRPORT	26	08	81·0	75·6	27·8	77	1015·5	12·6	4·3	0	8	13	8	2	0	0	0	0	0	0	1	0	30
		14	84·7	76·5	27·5	68	1014·9	14·6	4·4	0	4	18	7	2	0	0	0	0	0	0	0	0	31
		20	80·3	75·4	27·8	79	1015·1	12·2	4·3	0	10	9	10	2	0	0	0	0	0	0	0	1	30
DUNBARS	220	09	82·2	76·7	28·9	77																	
JAMAICA																							
BODLES	60	07	75·6	73·2	26·8	89																	
		13	85·4	77·9	29·3	70																	
CAENWOOD	50	08	78·5	76·8	30·7	92																	
		16	80·1	78·4	32·3	92																	
CEDAR VALLEY	1980	07	71·8	68·7	22·6	85																	
CEDAR VALLEY	1980	13	79·7	72·4	23·9	69																	
CINCHONA GARDENS	4897	07	63·5	61·0	11·3	87																	
		16	67·2	65·6	20·9	92																	
DALLAS	950	09	80·4	73·7	25·3	71																	
		15	83·7	75·7	26·8	68																	
DUCKENFIELD	60	08	81·8	77·5	30·4	82																	
EAST ALBION NURS	90	07	80·7	74·4	26·2	73																	
		13	86·1	76·4	26·7	63																	
EMPIRE NURSERY	2130	07	64·8	64·3	20·1	96																	
		13	79·7	64·6	16·7	48																	
FARM HILL	4020	07	65·7	63·0	18·4	85																	
		13	76·1	71·9	24·8	81																	
HALLS DELIGHT	3020	07	71·3	65·9	19·4	74																	
		13	74·5	69·2	22·1	76																	
HOPE GARDENS	712	07	72·8	69·2	22·8	83																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	miles 1¼—2	2—3	3—5	5—10	10 or more
JAMAICA																							
IRWIN	80	08	80·5	76·5	29·4	83																	
		15	85·1	78·5	29·7	71																	
KINGSTON ST GEOR		07	76·9	73·1	26·2	83																	
		13	86·6	78·6	29·8	69																	
MARSHALLS PEN	2300	07	67·9	65·7	20·7	89		3·9	0·2	6	16	8	0	0									
MARSHALLS PEN	2300	13	77·6	71·6	23·9	74		7·6	4·3	0	9	11	8	3	0								
MONTEGO BAY APT	3	01	74·7	69·8	23·2	79	1013·7	0·5	3·4	0	13	10	8	0	0	0	0	0	0	0	0	1	30
		07	75·9	69·6	22·4	73	1013·7	1·3	4·9	1	6	8	16	0	0	0	0	0	0	0	0	0	31
		13	84·9	76·0	27·0	66	1013·7	11·7	6·0	0	3	5	22	1	0	0	0	0	0	0	0	0	31
		19	77·7	72·0	24·8	77	1013·2	3·3	6·3	0	2	4	23	2	0	0	0	0	0	0	0	1	30
MORANT POINT LH	6	01	81·0	77·3	30·4	84		1·0	3·8	0	11	11	8	1	0	0	0	0	0	0	0	0	31
		07	80·9	77·1	30·2	84		10·1	4·6	0	3	19	8	1	0	0	0	0	0	0	0	0	31
		13	85·8	80·0	32·4	77		11·7	3·8	0	10	14	5	2	0	0	0	0	0	0	0	0	31
		19	82·0	78·0	31·1	83		9·6	3·8	1	11	13	2	4	0	0	0	0	0	0	0	0	31
ORANGE RIVER	950	08	75·2	72·8	26·5	89																	
ORANGE RIVER	950	16	79·9	74·7	27·0	78																	
PALISADOES APT	9	01	79·6	76·9	30·4	88	1013·6	3·2	3·3	1	14	10	6	0	0	0	0	0	0	0	0	0	31
		07	80·0	76·6	29·9	85	1013·5	4·6	4·9	0	4	13	13	1	0	0	1	0	0	0	0	0	30
		13	87·2	80·5	32·8	74	1013·4	14·4	5·2	0	4	10	16	1	0	0	0	0	0	0	1	0	30
		19	82·0	77·9	31·0	83	1012·8	7·7	6·2	0	1	6	16	8	0	0	0	0	0	0	0	1	30
PEMBROKE HALL	700	09	82·7	76·2	27·9	73																	
		15	85·8	75·6	25·7	61																	
SMITHFIELD	925	08	77·6	72·9	22·5	79																	
TOP MOUNTAIN	3550	07	68·7	64·3	18·6	78																	
		13	73·8	68·6	21·6	76																	
WORTHY PARK	1250	07	69·6	68·1	22·8	92																	
		13	80·1	74·9	27·3	78																	
BR HONDURAS																							
BELIZE AIRPORT	17	06	76·1	74·6	28·6	93	1012·8	1·3	6·0	0	3	5	17	5	1	0	1	1	0	0	3	7	19
		12	83·9	77·1	28·7	72	1013·8	5·2	5·6	0	2	13	12	4	0	0	0	0	0	0	0	4	27
		18	81·8	76·7	29·1	78	1011·7	3·8	5·3	0	6	5	18	2	0	0	0	0	0	0	0	7	24

TABLE 1 SUMMARY OF OBSERVATIONS AT [illegible] HOURS AUGUST 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6,7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	miles 1¼—2	2—3	3—5	5—10	10 or more
GUYANA																							
BARTICA POTARO RD	400	08	76·6	74·8	28·6	91																	
		14	87·0	77·3	27·6	63																	
EBINI	60	08	76·3	74·5	28·3	92	1013·7	2·2	6·3	0	1	2	19	4	0	0	0	0	0	0	3	13	10
		14	84·9	76·9	28·0	68	1009·9	4·6	6·8	0	0	1	25	0	0	0	0	0	0	0	0	5	21
GEORGETOWN BOT G	7	08	78·1	75·4	28·8	88	1013·7	2·8	5·4	0	0	15	10	5	0	0	0	1	0	0	0	8	21
GEORGETOWN BOT G	7	14	83·3	76·8	28·6	74	1011·6	7·3	5·4	0	1	12	16	1	0	0	0	0	0	0	0	3	27
HOSORORO		08	76·5	74·8	28·6	92																	
		14	82·9	77·1	29·1	76																	
KAMARANG		08	70·6	69·3	23·9	94	1016·8	0·0	6·2	0	0	7	19	5	0	0	0	0	0	0	3	22	6
		14	81·6	72·7	23·6	64	1012·4	1·3	5·8	0	0	12	18	1	0	0	0	0	0	0	0	0	31
LETHEM	270	08	77·1	73·9	26·9	83	1015·3	8·7	6·3	0	1	6	17	7	0	0	0	0	0	0	0	15	16
		14	84·1	75·8	26·7	67	1012·2	9·7	6·3	0	0	3	25	3	0	0	0	0	0	0	2	12	17
MABARUMA	185	08	75·6	74·3	28·4	94	1013·0	2·5	5·0	0	6	8	10	4	0	0	1	0	1	0	2	15	9
		14	82·7	76·8	28·9	76	1010·7	6·2	6·3	0	0	8	15	5	0	0	0	0	0	1	4	10	13
MAHAICONY ABARY	6	08	79·0	75·3	28·3	84		4·9	4·7	0	0	17	11	0	0	0	0	0	0	0	0	0	30
MAHAICONY ABARY	6	14	84·0	78·4	30·6	77		8·4	3·6	0	5	22	2	0	0	0	0	0	0	0	0	0	30
MATTHEWS RIDGE		08	74·6	73·3	27·4	94																	
		14	80·5	77·2	30·3	85																	
MAZARUNI PRISON	47	14	81·2	75·8	28·1	77																	
MON REPOS		08	80·0	73·4	25·2	72																	
			•	•	•																		
MON REPOS		14	83·9	75·0	25·8	65																	
NEW AMSTERDAM	3	08	78·9	75·8	29·2	87																	
		14	84·3	77·7	29·6	74																	
ST IGNATIUS		08	77·0	73·2	26·2	83																	
		14	84·8	76·1	26·9	66																	
			•	•	•																		
TIMEHRI AIRPORT	95	02	72·5	72·2	26·8	98	1012·2	0·4	4·5	1	6	12	7	5	0	0	0	0	3	0	0	15	13
		08	75·6	74·2	28·2	94	1013·6	1·1	5·1	0	7	8	13	3	0	0	0	0	1	0	2	5	23
		14	82·5	76·1	27·8	73	1011·0	6·0	6·5	0	0	6	24	1	0	0	0	0	0	0	1	10	20
		20	75·1	74·0	28·2	98	1012·0	1·1	5·5	0	2	11	18	0	0	0	0	0	0	0	0	6	25
TIMEHRI CHS		08	75·6	74·6	28·9	96																	
			•	•	•																		
TIMEHRI CHS		14	82·7	76·9	29·0	76																	
WAUNA		08	75·1	74·4	28·8	97		2·5	4·6	0	2	16	6	2	0	0	0	0	0	0	6	11	9
		14	82·4	76·6	28·7	76		7·5	5·7	0	0	12	11	3	0	0	0	0	0	0	2	5	19

TABLE II SUMMARY OF DAILY OBSERVATIONS AUGUST 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	11·05	3·05	10	22	8	3	85·8	70·5	78·2	89	67		184·3				
PENAL AG STATION	9·58	2·05	9	18	8	2	86·3			90			158·0				
PIARCO AIRPORT	10·73	3·07	10	20	8	2	86·8	71·8	79·3	89	69		195·0				
ST AUGUSTINE	8·17	1·10	9	15	7	3	87·3	70·5	78·9	90	68	68·2	201·1	6	0	0	0
TOBAGO																	
LOUIS D/OR	9·24	1·42	25	16	9	3	82·8	75·3	79·1	85	71		211·9				
GRENADA																	
PEARLS AIRPORT	8·13	2·22	26	19	4	2	84·9	75·4	80·2	87	72						
BARBADOS																	
HUSBANDS CMI	10·93	3·85	19	18	7	3	85·8	73·5	79·7	89	70		245·7	2	0	0	0
SEAWELL AIRPORT	11·61	4·74	19	15	7	3	85·0	77·6	81·3	87	72		245·1				
ST VINCENT																	
CAMDEN PARK	6·44	1·40	14	17	6	1	86·6	69·6	78·1	89	66						
ST LUCIA																	
ROSEAU WINBAN	9·04	2·77	19	20	8	3	86·6	72·6	79·6	89	67						
VIGIE AIRPORT	8·91	2·17	19	17	7	3	87·4	73·5	80·5	90	70						
DOMINICA																	
ROSEAU	8·54	1·76	19	21	5	3	85·6	73·6	79·6	88	71		197·5				
MONTSERRAT																	
GROVE	4·71	·88	5	18	3	0	86·2	76·1	81·2	89	71		196·8				

TABLE II SUMMARY OF DAILY OBSERVATIONS AUGUST 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO. OF DAYS WITH THUNDER	FOG	HAIL	GALE
ANTIGUA																	
COOLIDGE AIRPORT	4·81	1·22	5	13	3	1	86·2	76·1	81·2	88	71						
DUNBARS	5·71	1·69	4	14	4	1	86·4	73·2	79·8	88	70						
ST KITTS NEVIS																	
CAINES	4·38	1·18	22	14	3	1											
NEEDSMUST	4·73	1·67	15	17	3	1											
WEST FARM	6·24	1·03	22	19	5	1											
JAMAICA																	
	4·41	1·50	22	9	4	2	89·9	64·0	77·0	92	60		294·7				
BODLES	10·31	2·11	23	19	7	4	82·4	75·2	78·8	84	74	73·0					
CAENWOOD	13·65	2·54	22	12	9	6	82·6	58·5	70·6	87	56						
CEDAR VALLEY	8·89	1·85	22	15	7	4	72·5	57·8	65·2	75	54						
CINCHONA GARDENS	7·49	1·61	15	13	6	2	84·8	68·0	76·4	93	64						
DALLAS																	
DUCKENFIELD	10·94	2·60	22	16	6	4	87·5	73·1	80·3	91	69	68·8	219·0				
EAST ALBION NURS	7·38	1·94	21	13	8	1	88·3	73·4	80·9	91	71						
EMPIRE NURSERY	8·62	1·43	22	12	9	3	83·4	62·5	73·0	87	60						
FARM HILL	7·28	2·90	23	14	5	1	76·2	61·6	68·9	77	60						
FROME	11·51	1·96	13	19	8	3	89·3	69·9	79·6	92	67		200·4				
HALLS DELIGHT	6·00	1·92	22	10	5	3	79·2	63·8	71·5	85	61						
HOPE GARDENS	6·07	1·92	22	14	4	1	87·3	59·7	73·5	91	57		206·8				
IRWIN	8·24	1·33	25	14	7	3	90·5	67·4	79·0	93	65						
KINGSTON ST·GEO	8·04	2·06	15	11	4	3	89·5	74·0	81·7	92	71						
MARSHALLS PEN	11·19	2·16	15	12	8	5	79·3	64·9	72·1	81	58			7	1	0	0
MONTEGO BAY APT	4·80	1·47	25	9	4	1	88·6	73·4	81·0	91	71		212·3	14	0	0	0
MORANT POINT LH	7·77	1·65	22	14	6	3	87·5	72·4	80·0	91	65			9	0	0	0
ORANGE RIVER	6·19	2·00	20	18	6	1	85·6	67·8	76·7	88	65		206·7				
PALISADOES APT	3·75	1·46	22	10	2	1	88·8	75·5	82·2	91	73		230·4	8	0	0	0
PEMBROKE HALL	6·55	1·45	22	10	7	3	89·7			94							

TABLE II SUMMARY OF DAILY OBSERVATIONS AUGUST 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
JAMAICA																	
SMITHFIELD	13·16	2·40	26	21	11	6	84·0	67·9	76·0	87	66		210·1				
TOP MOUNTAIN	8·65	2·16	17	18	5	4	77·3	61·5	69·4	81	59						
WORTHY PARK	8·15	1·76	31	14	6	3	86·2	64·9	75·6	90	62		167·7				
BR HONDURAS																	
BELIZE AIRPORT	9·05	2·30	28	13	7	3	86·7	74·7	80·7	89	71		204·8	9	3	0	0
GUYANA																	
BARTICA POTARO RD	11·47	2·50	24	17	12	2	90·3	70·8	80·6	95	68						
EBINI	9·45	1·57	25	22	9	2	88·1	71·2	79·7	91	69		153·7	23	3	0	0
HOSORORO	8·06	1·18	11	20	7	2	87·2	71·4	79·3	92	70						
KAMARANG	9·82	1·59	15	23	9	3	84·5	67·6	76·1	88	65	66·4	205·8	16	0	0	0
LETHEM	8·97	2·82	16	19	8	1	88·0	72·6	80·3	91	70			18	0	0	0
MABARUMA	7·46	1·01	26	19	9	1	86·7	71·6	79·2	90	70			12	1	0	0
MAHAICONY ABARY	8·15	2·40	24	17	6	2	85·6	73·5	79·6	87	72		246·6				
MATTHEWS RIDGE	4·88	·92	15	20	5	0	88·4	71·4	79·9	91	70						
MAZARUNI PRISON	6·41	·80	31	17	7	0	87·9	71·2	79·6	89	69		147·4	9	7	0	0
MON REPOS	13·73	4·40	30	22	11	2	85·3	71·8	78·6	87	70		216·1				
NEW AMSTERDAM	13·84	3·80	30	22	7	3	86·5	73·2	79·9	88	72						
PORT KAITUMA	7·66	1·49	10	17	8	2								4	0	0	0
ST IGNATIUS	11·15	2·47	30	18	7	5	87·9	73·3	80·6	92	69						
TIMEHRI AIRPORT	13·72	1·82	10	24	11	5	86·8	70·6	78·7	90	69			16	8	0	0
TIMEHRI CHS	12·26	2·05	10	23	13	3	87·2	69·6	78·4	90	68						
WAUNA	7·41	·91	2	23	8	0	87·0	68·9	78·0	91	67		178·2	13	8	0	0

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS AUGUST 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F At 2 inch depth					SOIL TEMPERATURES °F At 4 inch depth				TOTAL RADIATION (langleys)		
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	37	76	5·38	·27	1												
PENAL AG STATION	52	76	5·11	·31	29	94·1	75·1	103	5	72	87·5	78·5	95	75	14835	642	116
PIARCO AIRPORT	59	84	6·36	·36	10												
ST AUGUSTINE UWI	15	37	3·89	·37	1												
TOBAGO																	
LOUIS D/OR	12	29															
BARBADOS																	
HUSBANDS CWI	127	209				90·2	72·0	103	22	70	81·2	76·9	91	70			
ST VINCENT																	
CAMDEN PARK	95	189															
ST LUCIA																	
ROSEAU WINBAN	77	126															
DOMINICA																	
ROSEAU	80	167	5·65	·31	31										14644	594	123
MONTSERRAT																	
GROVE*	134	235	8·30	·46	2										14121	604	262

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS AUGUST 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
ST KITTS NEVIS																	
CAINES			6·17	·31	27												
NEEDSMUST											74·4	73·3	79	71			
JAMAICA																	
BODLES															17272	677	326
CEDAR VALLEY	56	102	6·88	·34	13												
DUCKENFIELD	36	62															
EAST ALBION NURS			5·38	·26	8												
EMPIRE NURSERY	11	31															
	26	56															
FARM HILL	60	236	2·47M	·17	4												
FROME			6·13M	·34	22												
HALLS DELIGHT	25	89															
MONTEGO BAY AIRP	87	163	6·77M	·43	3												
ORANGE RIVER	25	48															
PALISADOES APT	124	195	8·78	·48	26												
SMITHFIELD	56	70				89·0	71·5	100	15	69	84·7	73·4	90	72			
WORTHY PARK	35	86	5·04	·19	2												
GUYANA																	
EBINI	46	69															
KAMARANG	39	51															
MAHAICONY ABARY			6·63M	·35	12												
ST IGNATIUS	78	148	7·13	·45	27												
TIMEHRI CHS	31	56															
WAUNA	21	50	5·63	·29	6	89·0	72·3	94	4	70							

TABLE IV – SUMMARY OF RAINFALL INTENSITY RECORDS AUGUST 1971

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO	.48	.68	.72	1.20	1.38	1.98	2.76	2.78
PENAL AG STATION	.48	.62	.72	.80	1.14	1.56	1.95	2.03
PIARCO AIRPORT	.40	.60	.80	1.14	1.38	1.77	2.58	2.81
ST AUGUSTINE UWI		.41	.44	.64	.98	1.23	2.03	2.04
TOBAGO								
LOUIS D/OR	.26	.37	.51	.91	.91	.93	1.14	1.47
BARBADOS								
HUSBANDS CMI	.69	.82	.97	1.18	1.27	2.00	3.80	5.55
SEAWELL AIRPORT	.22	.39	.59	.96	1.82	3.02	4.56	4.74
MONTSERRAT								
GROVE	.20	.20	.40	.44	.46	.57	.66	.88
JAMAICA								
PALISADOES APT	.18	.36	.38	.56	.70	.70	.76	1.56
SMITHFIELD	.57	.89	1.00	1.52	1.62	1.65	1.68	2.40
GUYANA								
EBINI	.28	.49	.60	.68	.77	1.21	1.54	1.57
KAMARANG	.53	.95	.95	1.12	1.14	1.14	1.19	1.38
LETHEM	.36	.58	.80	1.25	1.72	2.30	2.43	2.70
MAHAICONY ABARY	.48	.62	.90	1.35	1.43	1.75	2.40	2.40
MATTHEWS RIDGE	.34	.41	.62	.92	.92	.92	.92	.92
NEW AMSTERDAM	.34	.36	.40	.68	.	2.56	2.64	3.74
TIMEHRI CHS	.37	.61	.70	.89	1.09	1.31	2.05	2.05
WAUNA	.48	.68	.76	.83	.90	.91	.91	.91

TABLE V – SUMMARY OF WINDSPEED RECORDS AUGUST 1971

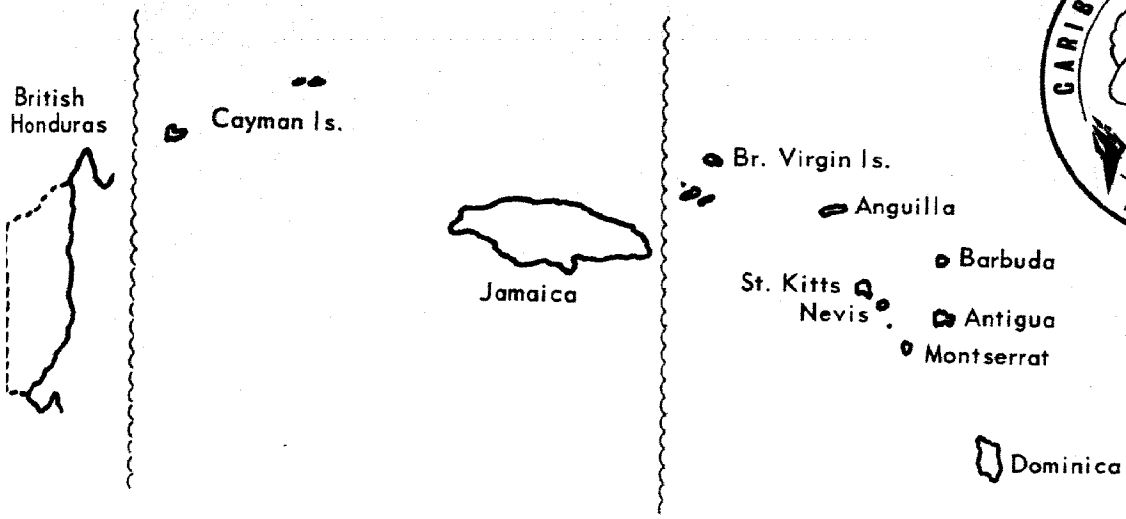
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	09	15	16	3	07	34	1545	3	1	0	0	2·6
TOBAGO												
CROWN POINT APT	12	16	13	10	12	37	1225	10	1	0	0	5·3
BARBADOS												
HUSBANDS CMI	15	18	14	23	15	33	1250	23	0	0	0	6·6
ANTIGUA												
COOLIDGE AIRPORT	12	23	13	19	12	42	1210	19	8	0	0	10·3
GUYANA												
EBINI	01	14	15	2	10	24	1550	27	0	0	0	3·4
GEORGETOWN O R R	02	19	20	1	02	31	0010	2	0	0	0	5·7
KAMARANG	07	10	17	1	10	24	1505	10	0	0	0	1·3

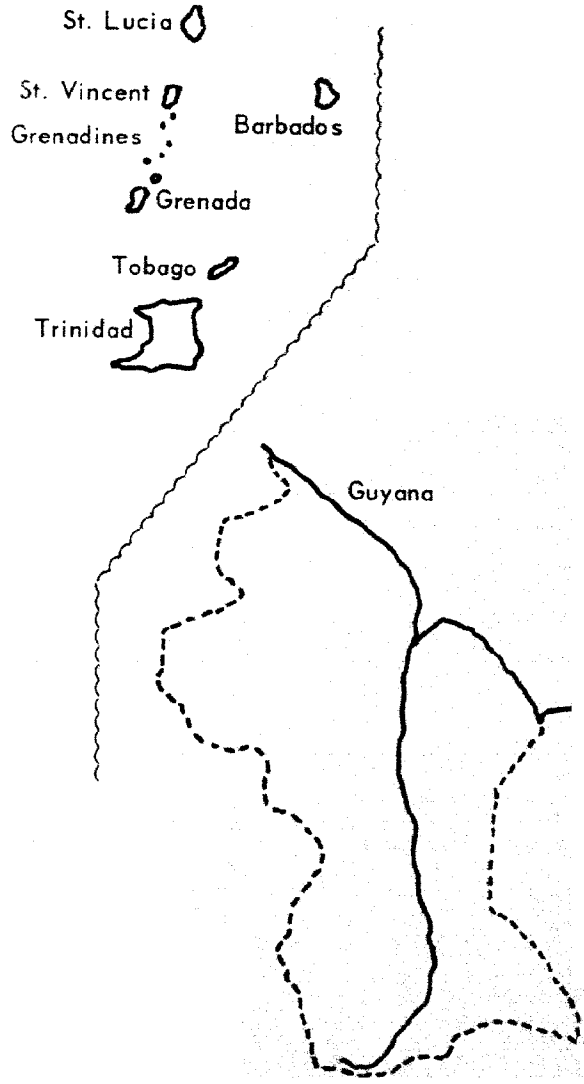
TABLE VI – SUMMARY OF SUNSHINE RECORDS AUGUST 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19					NIL	0·1–3·0	3·1–6·0	6·1–9·0	9·1–12·0	MORE THAN 12
TRINIDAD																								
CENTENO	0	5	48	55	59	58	63	64	61	58	54	46	24	0	184·3	48	10·8	4	1	8	6	7	9	0
PENAL AG STATION	0	5	50	62	53	46	45	45	48	46	37	38	26	0	158·0	41	9·8	29	0	9	10	10	2	0
PIARCO AIRPORT	0	34	62	59	57	62	58	58	60	57	55	44	21	0	195·0	50	11·8	4	2	8	3	9	9	0
ST AUGUSTINE UWI	0	17	70	70	60	62	61	60	66	58	59	45	21	0	201·1	52	11·2	4	2	7	3	9	10	0
TOBAGO																								
CROWN POINT APT	0	43	72	76	78	63	57	61	63	71	60	54	33	0	226·9	59	11·6	4	1	4	5	7	14	0
LOUIS D'OR	0	7	54	68	75	70	72	67	79	69	66	51	11	0	211·9	55	10·2	4	2	4	3	10	12	0
BARBADOS																								
HUSBANDS CMI	0	43	71	82	82	79	79	75	72	66	58	56	32	0	245·7	63	11·4	8	0	4	3	7	17	0
SEAWELL AIRPORT	0	27	72	87	83	84	81	76	70	68	63	57	22	0	245·1	63	11·3	15	1	4	3	6	17	0
DOMINICA																								
ROSEAU	0	8	43	41	68	71	63	65	74	68	60	54	24	0	197·5	50	10·7	9	0	5	7	13	6	0
MONTSERRAT																								
GROVE	0	1	27	57	65	72	73	72	71	66	60	48	23	1	196·8	50	10·0	12	1	4	6	15	5	0
BR VIRGIN IS																								
PARAQUITO BAY	0	0	42	92	99	98	98	96	93	96	97	99	49	0	297·8	75	10·3	26	0	0	0	6	25	0

TABLE VI – SUMMARY OF SUNSHINE RECORDS AUGUST 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19					NIL	0·1–3·0	3·1–6·0	6·1–9·0	9·1–12·0	MORE THAN 12
JAMAICA																								
BODLES	0	37	78	90	86	83	80	85	69	58	42	34	14	0	204·7	59	11·3	4	0	3	4	16	8	0
DUCKENFIELD	0	21	59	69	78	83	77	77	75	63	56	52	16	0	219·0	[illegible]	11·0	25	1	3	6	11	10	0
FROME	0	44	79	81	84	81	81	61	50	31	28	17	11	0	200·4	51	10·0	3	0	1	13	13	4	0
MONTEGO BAY	0	35	75	88	83	75	70	68	58	41	41	34	18	0	212·3	54	10·5	3	0	3	7	15	[illegible]	[illegible]
ORANGE RIVER	0	22	68	77	80	76	69	64	57	48	51	42	24	0	206·7	55	11·2	3	0	2	8	13	7	0
PALISADOES	1	54	78	77	72	81	80	77	67	61	47	32	16	0	230·4	58	11·4	5	0	4	4	13	10	0
SMITHFIELD	4	61	71	82	82	80	75	57	47	37	37	25	19	1	210·1	53	11·7	13	0	3	8	13	7	0
BR HONDURAS																								
BELIZE AIRPORT	1	33	58	62	61	66	59	64	72	70	69	59	31	0	204·8	55	11·8	16	0	6	4	5	14	0
GUYANA																								
EBINI	0	13	35	49	58	73	67	63	63	51	47	25	6	0	153·7	45	8·9	19	0	3	15	10	0	0
GEORGETOWN BOT G	0	18	61	64	64	69	67	66	69	73	74	62	26	58	114·5	58	10·8	20	1	3	7	9	11	0
KAMARANG	0	11	30	55	70	80	88	75	67	70	56	43	19	0	205·8	64	9·7	6	0	3	6	18	4	0
MAHAICONY ABARY	0	19	51	65	67	72	75	78	83	89	82	69	35	0	246·6	64	11·2	4	0	1	7	7	14	1
MAZARUNI PRISON	0	6	29	52	57	61	60	58	46	37	35	27	6	0	147·4	39	9·5	18	0	10	11	9	1	0
MON REPOS	0	21	51	61	61	66	68	71	76	78	78	62	27	0	216·1	58	11·3	17	0	4	5	9	12	0
WAUNA	0	11	39	68	68	63	57	57	46	43	43	45	33	2	178·2	47	11·1	28	0	6	13	5	7	0





Monthly Weather Summary

September 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute
Husbands, St. James, Barbados, W.I.

September 1971

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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0-440	440-1,100	1,100-2,200	miles ½-2	2-3	3-5	5-10	10 or more
TRINIDAD																							
CENTENO	50	08	79·2	76·4	29·7	87		1·9															
PENAL AG STATION	25	08	77·6	75·6	29·3	91																	
PIARCO AIRPORT	41	02	74·4	73·3	27·5	95	1012·1	0·9	3·8	2	10	6	12	0	0	0	0	0	0	0	0	1	29
		08	78·6	75·5	28·7	86	1013·4	2·8	4·3	0	11	4	14	1	0	0	0	0	0	0	1	6	23
		14	84·3	76·5	27·7	69	1012·0	8·6	5·5	0	2	12	15	1	0	0	0	0	1	0	1	3	25
PIARCO AIRPORT	41	20	77·5	75·1	28·6	89	1012·3	2·7	4·5	1	9	5	15	0	0	0	0	0	0	0	0	2	28
ST AUGUSTINE UWI	52	08	79·3	75·7	28·7	84	1013·2	0·4	4·1	0	12	5	10	2	1								
		16	83·7	76·3	27·8	71	1011·1	0·7	5·7	0	1	12	14	3	0								
TOBAGO																							
CROWN POINT AIRP	9	02	77·6	74·7	28·0	87	1011·3	3·5	3·2	0	13	7	5	1	0	0	0	0	0	0	1	2	23
		08	81·3	76·7	29·3	80	1013·3	7·5	4·9	0	5	10	11	4	0	0	0	0	0	1	0	4	25
		14	83·5	77·5	29·6	76	1011·9	9·7	5·1	0	3	12	13	2	0	0	0	0	0	0	2	4	24
		20	78·4	75·1	28·3	85	1012·2	4·4	4·2	0	7	11	8	1	0	0	1	0	0	0	0	4	23
LOUIS D/OR	40	08	81·4	76·3	28·6	78																	
GRENADA																							
MIRABEAU	450	08	79·5	76·2	29·4	85			5·8	0	0	14	10	6	0								
		16	80·4	76·2	29·1	82																	
PEARLS AIRPORT	22	08	81·3	76·6	29·1	80	1012·6	8·1	3·6	0	12	11	4	2	0	0	0	0	0	0	1	4	24
		14	83·3	77·5	29·6	76	1011·3	7·7	3·7	0	11	11	2	5	0	0	0	0	0	0	0	3	26
BARBADOS																							
HUSBANDS CMI	370	08	80·0	75·5	28·1	80	1014·5	7·4	4·4	0	4	17	9	0	0	0	0	0	0	0	1	2	27
		14	83·4	75·9	27·2	70	1012·8	8·8	5·3	0	2	15	11	2	0	0	0	0	1	0	0	4	25
SEAWELL AIRPORT	183	02	78·6	75·4	28·4	85	1012·1	9·3	3·7	0	9	14	7	0	0	0	0	0	0	0	0	0	30
		08	81·5	76·7	29·0	79	1014·0	12·8	4·3	0	7	13	10	0	0	0	0	0	0	0	0	0	30
		14	83·4	77·0	28·4	73	1012·4	12·5	4·9	0	5	12	11	2	0	0	0	0	0	0	0	1	29
		20	80·1	76·0	28·8	82	1013·4	10·8	4·2	0	10	10	9	1	0	0	0	1	0	0	0	0	29
ST LUCIA																							
ROSEAU WINBAN		09	83·9	79·5	31·9	80																	
VIGIE AIRPORT	7	08	81·6	75·9	28·1	76	1013·6	4·4	3·5	0	7	13	2	0	0	0	0	0	0	0	0	0	22
DOMINICA																							
MELVILLE HALL APT	43	09	83·4	77·1	28·9	74	1015·6	5·4	4·2	0	0	26	3	0	0	0	0	0	0	0	1	7	21
		14	85·4	77·9	29·3	71	1014·5	9·2	4·1	0	3	22	4	0	0	0	0	0	0	0	1	9	19
ROSEAU	220	09	82·2	78·8	32·2	86																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No. of Observations) yards: 0—440	440—1,100	1,100—2,200	miles: 1/4—2	2—3	3—5	5—10	10 or more
MONTSERRAT																							
GROVE	150	08	81·5	75·7	27·7	75			3·1	2	8	19	1	0	0								
		16	83·8	76·5	27·8	70			2·7	1	15	11	3	0	0								
ANTIGUA																							
COOLIDGE AIRPORT	26	02	79·0	75·1	28·1	83	1013·8	8·3	2·4	1	17	8	0	1	0	0	0	0	0	0	0	0	27
		08	81·6	76·2	28·3	77	1014·8	10·3	3·1	0	11	16	3	0	0	0	0	0	0	0	0	0	30
		14	85·3	77·2	28·4	68	1013·8	12·8	3·9	0	9	12	9	0	0	0	0	0	0	0	0	0	30
		20	80·1	75·3	27·8	79	1014·3	9·8	2·9	1	17	7	3	2	0	0	0	0	0	1	0	0	29
DUNBARS	220	09	83·5	76·7	28·4	72																	
		15	84·8	76·5	27·6	68																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	81·6	75·5	27·4	74	1014·8	6·3	3·9	0	2	18	3	0	0	0	0	0	0	0	0	2	21
		14	84·8	76·9	28·1	69	1013·7	8·7	4·1	0	7	8	7	0	0	0	0	0	0	0	0	2	20
JAMAICA																							
BODLES	60	07	74·0	72·6	26·8	93																	
		13	84·9	77·8	29·3	71																	
CAENWOOD	50	08	78·5	77·0	31·1	93																	
		16	80·3	78·8	33·0	93																	
CEDAR VALLEY	1980	07	70·1	68·2	22·7	90																	
CEDAR VALLEY	1980	13	80·9	73·7	25·3	70																	
CINCHONA GARDENS	4897	07	64·0	61·3	17·4	84																	
		16	67·0	65·0	20·3	90																	
DALLAS	950	09	79·3	74·2	26·6	78																	
		15	82·3	75·8	27·2	72																	
DUCKENFIELD	60	08	81·0	77·0	29·9	83																	
EAST ALBION NURS	90	07	78·6	73·2	25·6	77																	
		13	85·9	77·2	28·0	66																	
EMPIRE NURSERY	2130	07	66·3	65·3	20·8	95																	
		13	81·1	72·8	23·9	66																	
FARM HILL	4020	07	75·0	71·7	25·3	85																	
		13	75·9	71·8	24·8	81																	
HALLS DELIGHT	3020	07	71·5	66·3	19·9	76																	
		13	73·0	68·6	21·7	78																	
HOPE GARDENS	712	07	68·5	65·6	20·3	85																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0–440	440–1,100	1,100–2,200	miles: 1/4–2	2–3	3–5	5–10	10 or more
JAMAICA																							
IRWIN	80	07	81·4	77·6	30·7	84																	
		15	84·8	78·6	30·7	75																	
KINGSTON ST GEO		07	76·3	73·0	26·2	85																	
		13	86·1	78·5	30·1	71																	
MARSHALLS PEN	2300	07	69·4	67·4	22·0	90		2·9	2·5	3	14	12	1	0	0								
MARSHALLS PEN	2300	13	79·1	72·7	24·7	7[illegible]		5·0	4·0	0	10	9	11	0	0								
MONTEGO BAY APT	3	01	74·7	71·4	25·1	86	1012·7	1·5	3·3	0	16	5	9	0	0	0	0	0	0	0	0	0	30
		07	75·2	71·4	24·7	83	1012·9	1·6	4·8	0	7	8	15	0	0	0	0	0	0	0	0	0	30
		13	84·0	76·2	28·0	70	1012·6	11·0	4·9	0	8	6	15	1	0	0	0	0	0	0	0	0	30
		19	78·0	74·1	27·6	84	1012·3	1·5	6·1	0	0	8	19	3	0	0	0	0	0	0	0	0	30
MORANT POINT LH	6	01	81·0	77·5	30·7	85		8·1	3·7	2	8	12	5	3	0	0	0	0	0	0	0	0	30
		07	80·6	77·1	30·3	85		9·7	4·5	1	4	13	10	2	0	0	0	0	0	0	0	0	30
		13	85·1	80·0	32·8	80		10·0	4·5	0	5	14	8	3	0	0	0	0	0	0	0	0	30
		19	82·2	78·1	31·1	83		8·3	3·6	0	16	4	6	4	0	0	0	0	0	0	0	0	30
NEGRIL POINT LH	27	07	76·4	73·1	26·4	85																	
NEGRIL POINT LH	27	13	87·5	78·1	28·5	64																	
		19	80·9	75·8	28·1	78																	
ORANGE RIVER	950	08	75·3	72·9	26·7	89																	
		16	80·1	74·6	26·9	77																	
PALISADOES APT	9	01	80·7	75·8	28·5	80	1012·5	2·2	3·5	1	12	11	4	2	0	0	0	0	0	0	0	0	30
PALISADOES APT	9	07	81·7	75·8	28·1	76	1012·7	2·5	4·3	0	11	7	9	3	0	0	0	0	0	0	1	0	29
		13	88·3	79·6	30·9	68	1012·2	10·8	5·0	0	5	11	10	4	0	0	0	0	0	0	0	0	30
		19	82·6	76·8	29·4	77	1011·8	6·8	5·2	0	6	8	10	6	0	0	0	0	0	0	0	0	30
SMITHFIELD	925	08	78·2	73·1	25·5	78																	
WORTHY PARK	1250	07	70·9	69·3	23·8	92																	
		15	78·1	73·6	26·3	80																	
BR HONDURAS																							
BELIZE AIRPORT	17	06	77·0	75·5	29·5	93	1010·6	2·7	6·2	0	0	8	19	3	0	0	1	0	0	0	1	4	24
		12	85·9	78·7	30·3	72	1011·1	7·6	5·6	0	3	8	17	2	0	0	0	0	0	0	0	0	30
		18	82·4	77·6	30·1	80	1009·2	6·4	5·2	0	6	7	16	0	0	0	0	0	0	0	0	1	28

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0-440	440-1,100	1,100-2,200	miles 1/4-2	2-3	3-5	5-10	10 or more
GUYANA																							
BARTICA POTARO RD	400	08	77·0	75·1	28·8	91																	
		14	88·5	77·0	26·6	58																	
EBINI	60	08	77·1	74·9	28·6	90	1013·4	3·8	6·3	0	3	1	21	1	0	0	0	0	0	0	0	11	15
		14	88·0	76·4	25·9	57	1009·6	5·7	6·5	0	0	4	23	0	0	0	0	0	0	0	0	2	25
GEORGETOWN BOT G	7	08	81·0	76·4	29·0	80	1013·4	5·5	5·1	0	4	11	15	0	0	0	0	0	0	0	0	7	23
GEORGETOWN BOT G	7	14	84·1	77·0	28·5	71	1011·3	8·4	4·9	0	4	11	14	1	0	0	0	0	0	0	0	3	27
HOSORORO		08	77·7	75·5	29·1	90																	
		14	82·7	76·7	28·1	75																	
KAMARANG		08	70·3	68·8	23·4	92	1016·4	0·0	6·3	0	0	7	17	6	0	0	0	0	1	0	5	11	13
		14	83·0	73·1	23·3	61	1011·4	2·5	6·1	0	0	4	25	0	0	0	0	0	0	0	0	0	29
LETHEM	270	08	80·3	74·1	26·0	74	1014·5	10·8	5·0	0	2	16	9	3	0	0	0	0	0	0	0	3	27
		14	88·5	76·0	25·1	55	1011·4	11·4	5·6	0	0	13	15	2	0	0	0	0	0	0	1	7	22
MABARUMA	185	08	76·7	75·0	28·8	92	1012·7	2·6	4·2	0	12	6	10	2	0	0	0	0	0	0	1	12	17
		14	83·0	76·0	27·7	72	1010·1	6·8	6·7	0	0	5	17	8	0	0	0	0	1	1	2	9	17
MAHAICONY ABARY	6	08	80·5	76·4	29·3	83		6·1	4·5	0	1	24	5	0	0	0	0	0	0	0	0	0	30
MATTHEWS RIDGE		08	75·6	73·7	27·6	91																	
		14	81·4	78·5	31·9	87																	
MAZARUNI PRISON	47	08	77·2	75·1	28·8	90																	
		14	83·9	76·5	27·8	70																	
MON REPOS		08	81·9	74·7	26·1	70																	
MON REPOS		14	85·6	75·9	26·3	63																	
NEW AMSTERDAM	3	08	81·3	76·8	29·5	81																	
		14	87·0	78·6	29·6	68																	
PORT KAITUMA		08	74·7	73·3	27·3	93																	
		14	85·1	77·0	28·0	68																	
ST IGNATIUS		08	79·7	73·7	25·7	74																	
		14	88·7	75·1	23·6	51																	
TIMEHRI AIRPORT	95	02	72·8	72·5	27·1	99	1011·3	0·1	3·8	5	7	6	9	1	1	1	0	0	0	0	0	10	18
		08	77·8	75·7	29·4	90	1013·2	1·9	4·6	0	7	12	6	5	0	0	0	0	0	0	1	6	23
		14	84·8	76·8	27·8	68	1010·6	6·6	5·9	0	1	8	19	2	0	0	0	0	1	0	1	11	17
TIMEHRI AIRPORT	95	20	75·7	74·5	28·6	94	1011·5	1·9	4·8	0	7	10	10	3	0	0	0	0	0	0	0	4	26
TIMEHRI CMS		08	77·5	76·0	30·0	93																	
		14	85·2	77·4	28·3	69																	
WAUNA		08	76·4	75·3	29·4	95		2·6	3·9	0	5	13	4	0	0	0	0	0	0	0	3	11	8
		14	82·2	76·3	28·3	75		5·5	6·0	0	0	10	7	5	0	0	0	1	2	0	2	4	13

TABLE II SUMMARY OF DAILY OBSERVATIONS SEPTEMBER 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
TRINIDAD																	
CENTENO	10·75	3·84	14	18	9	2	86·8	70·9	78·9	89	68		163·3				
PIARCO AIRPORT	10·11	4·26	14	17	8	2	87·5	72·3	79·9	91	69		198·9	25	1	0	0
ST AUGUSTINE	10·30	3·01	14	19	6	3	87·4	70·3	78·9	90	68	68·0	181·7	7	0	0	0
TOBAGO																	
LOUIS D/OR	12·14	6·66	14	16	4	2	83·8	74·4	79·1	86	72		197·1				
GRENADA																	
PEARLS AIRPORT	4·73	1·89	14	11	4	1	85·8	76·5	81·2	89	72						
BARBADOS																	
HUSBANDS CMI	2·78	·93	16	14	2	0	85·5	73·2	79·4	88	67		237·1	2	0	0	0
SEAWELL AIRPORT	3·81	1·46	1	14	3	1	85·5	76·4	81·0	88	71		245·1				
ST LUCIA																	
ROSEAU WINBAN	7·49	2·09	16	18	5	2	87·0	71·9	79·5	90	67		227·0				
VIGIE AIRPORT	8·37	1·56	16	19	8	3	88·0	73·1	80·6	91	70						
DOMINICA																	
MELVILLE HALL APT	5·58	1·10	18	15	5	1	86·5	76·8	81·7	88	71		241·2				
ROSEAU	5·70	1·70	16	11	4	1	85·9	73·3	79·6	89	71		251·3				
MONTSERRAT																	
GROVE	6·78	2·48	1	11	4	3	85·9	73·3	79·6	88	71		216·7				

TABLE II SUMMARY OF DAILY OBSERVATIONS SEPTEMBER 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
ANTIGUA																	
COOLIDGE AIRPORT	5·57	2·39	16	9	5	1	86·1	75·5	80·8	89	68						
DUNBARS	7·86	2·90	16	11	4	3	87·5	74·8	81·2	90	73						
ST KITTS NEVIS																	
CAINES	3·79	·94	1	8	4	0											
NEEDSMUST	5·99	3·17	24	10	4	1	87·9	75·1	81·5	91	71						
WEST FARM	8·31	1·15	12	11	3	3											
JAMAICA																	
BODLES	2·93	1·00	18	6	1	3	89·5	67·9	78·7	91	64		216·1				
CAENWOOD	1·34	·29	20	7	0	0	82·4	75·3	78·9	85	73	73·0					
CEDAR VALLEY	5·74	1·52	18	8	6	1	82·5	58·1	70·3	87	54						
CINCHONA GARDENS	4·64	1·17	28	10	4	1	73·0	58·1	65·6	77	57						
DALLAS	3·14	1·40	19	8	3	1	83·6	67·2	75·4	90	63						
DUCKENFIELD	9·69	2·14	21	16	7	3	87·0	72·7	79·9	89	69	68·1	201·6				
EAST ALBION NURS	4·29	1·90	9	11	2	2	87·8	72·9	80·4	89	70		229·0				
EMPIRE NURSERY	1·29	·76	4	5	1	0	83·4	63·6	73·5	87	61						
FARM HILL	1·95	·42	28	8	2	0	76·3	61·6	69·0	74	61						
FROME	6·58	2·50	14	13	5	1	89·9	70·0	80·0	93	67		222·5				
HALLS DELIGHT	1·38	·47	19	8	1	0	79·9	63·9	71·9	83	62						
HOPE GARDENS	3·90	1·89	4	7	2	2	87·9	58·7	73·3	90	50						
IRWIN	6·23	1·55	14	12	7	1	90·3	69·7	80·0	93	69						
KINGSTON ST·GEO	3·48	1·17	3	5	4	2	88·7	74·0	81·4	91	71						
MARSHALLS PEN	4·53	2·22	9	5	2	2	79·4	66·2	72·8	83	63			6	0	0	0

TABLE II SUMMARY OF DAILY OBSERVATIONS SEPTEMBER 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO. OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
JAMAICA																	
MONTEGO BAY APT	5·59	1·34	21	10	4	3	88·4	70·2	79·3	90	70		235·9	10	0	0	0
MORANT POINT LH	7·23	1·73	21	10	7	3	87·7	76·0	81·9	89	73			8	0	0	0
NEGRIL POINT LH	3·92	1·12	2	12	4	1	86·6	70·9	78·8	91	72						
ORANGE RIVER	2·42	1·03	21	9	1	1	85·6	67·9	76·8	87	64		180·4				
PALISADOES APT	5·16	1·92	18	4	3	3	88·8	76·5	82·7	91	71		202·0	6	0	0	0
SMITHFIELD	7·32	1·18	19	16	10	1	84·4	69·8	77·1	87	68		179·7				
WORTHY PARK	9·03	2·07	17	14	6	3	86·1	64·7	75·4	89	61						
BR HONDURAS																	
BELIZE AIRPORT	5·77	3·08	10	13	3	2	87·6	76·2	81·9	89	72		203·3	6	2	0	0
GUYANA																	
BARTICA POTARO RD	2·60	1·28	16	8	2	1	91·4	68·0	79·7	93	68						
EBINI	2·92	·68	4	9	3	0	90·2	71·0	80·6	93	68		219·9	12	6	0	0
GEORGETOWN BOT G	4·27	1·98	13	10	2	2	86·4	74·9	80·7	88	70	69·3	245·2	4	0	0	0
HOSORORO	9·21	1·90	14	19	6	3	88·1	72·0	80·1	91	70						
KAMARANG	7·52	1·76	11	15	6	3	85·9	66·9	76·4	89	64	65·4	207·6	13	2	0	0
LETHEM	4·13	1·98	14	6	2	2	91·4	72·9	82·2	93	70			13	0	0	0
MABARUMA	8·98	1·57	14	15	7	4	87·9	70·8	79·4	91	66			16	11	0	0
MAHAICONY ABARY	2·30	1·18	5	4	2	2	86·4	73·9	80·2	88	71		262·9				
MATTHEWS RIDGE	5·14	1·08	18	17	5	1	88·2	71·9	80·1	91	70						
MAZARUNI PRISON	5·80	1·00	6	14	6	2	89·3	71·7	80·5	91	65		172·3	5	12	0	0
MON REPOS	3·08	1·70	14	8	2	1	87·2	73·4	80·3	89	72		253·4				
NEW AMSTERDAM	2·82	1·42	14	6	2	1	88·2	74·3	81·3	89	72						
PORT KAITUMA	8·11	1·66	5	17	8	1								5	0	0	0
ST IGNATIUS	3·10	1·71	14	4	3	1	90·8	73·2	82·0	94	70						
TIMEHRI AIRPORT	4·85	1·71	11	12	4	1	88·7	71·2	80·0	91	68			12	8	0	0
TIMEHRI CHS	4·89	1·60	11	13	4	2	89·3	69·8	79·6	92	66						
WAUNA	12·74	2·74	13	16	10	4	88·0	69·2	78·6	92	67		149·2	21	9	0	0

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS SEPTEMBER 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F At 2 inch depth					At 4 inch depth				TOTAL RADIATION (langleys)		
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	45	67	5·67	·38	20										13747	640	126
PIARCO AIRPORT	72	92	6·56	·45	13												
ST AUGUSTINE UWI	10	28	3·60	·20	8												
TOBAGO																	
LOUIS D/OR	10	31	5·34M	·35	22												
BARBADOS																	
HUSBANDS CMI	110	186	6·57	·36	25												
DOMINICA																	
ROSEAU	71	104	5·97M	·35	20										13973	567	327
MONTSERRAT																	
GROVE	109	227	7·56	·48	26										14833	588	262
JAMAICA																	
BODLES	46	80	6·25	·34	31										16804	682	311
CEDAR VALLEY	31	50	6·82	·59	4												
DUCKENFIELD			4·29	·23	6												
EAST ALBION NURS	3	10	6·66M	·32	1												
EMPIRE NURSERY	19	27	3·83	·23	29												
FARM HILL	23	81	2·95	·23	4												
FROME			4·95M	·31	25												
HALLS DELIGHT	13	39															
MONTEGO BAY AIRP	78	137															
ORANGE RIVER	28	87													13857	662	313
PALISADOES APR	110	163	8·32M	·54	9												
SMITHFIELD	58	108	4·53	·22	15	88·6	71·0	92	12	69	84·2	73·1	87	71			
WORTHY PARK	29	71	4·68	·20	14												
GUYANA																	
EBINI	49	92	7·05	·30	10												
GEORGETOWN BOT G	65	78	5·96	·25	6												
KAMARANG	38	50	6·88	·42	11												
MAHAICONY ABARY	90	132	7·25	·32	30												
ST IGNATIUS	112	155															
WAUNA	18	30	5·79	·30	30												

TABLE [illegible]

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO	.64	.84	1.04	1.32	1.78	1.90	3.52	3.79
PENAL AG STATION	.47	.60	.63	.87	1.07	1.90	1.90	2.01
PIARCO AIRPORT	.39	.79	1.06	1.54	1.88	2.11	3.94	4.23
ST AUGUSTINE UWI		.75	.87	.89	.91	1.06	2.72	2.88
TOBAGO								
LOUIS D/OR	.40	.60			2.45	4.61	6.15	6.64
BARBADOS								
HUSBANDS CMI	.24	.36	.42	.47	.80	.88	.89	.89
SEAWELL AIRPORT	.12	.16	.20	.40	.80	1.00	1.20	1.46
MONTSERRAT								
GROVE	.35	.46	.76	.93	1.25	1.56	1.94	2.43
JAMAICA								
HALLS DELIGHT	.07	.13	.16	.21	.24	.47	.47	.47
PALISADOES APT		.72	.80	.90	1.16	1.72	1.92	1.92
SMITHFIELD	.34	.58	.68	.79	.94	1.15	1.18	1.18
GUYANA								
EBINI	.28	.41	.50	.58	.64	.64	.64	.68
GEORGETOWN BOT G	.40	.69	.79	.88	1.34	1.79	1.98	1.98
KAMARANG	.54	.95	1.03	1.60	1.61	1.71	1.76	1.76
LETHEM	.30	.56	.69	1.31	1.79	1.94	1.98	1.98
MAHAICONY ABARY	.29	.51	.67	1.02	1.16	1.16	1.18	1.18
MATTHEWS RIDGE	.25	.38	.54	.68	.94	1.00	1.08	1.08
TIMEHRI CHS	.30	.49	.71	1.14	1.33	1.49	1.60	1.60
WAUNA	.41	.79	.97	1.44	1.65	2.39	2.74	2.74

TABLE V – SUMMARY OF WINDSPEED RECORDS SEPTEMBER 1971

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	09	16	17	19	13	32	0820	30	0	0	0	4·1
TOBAGO												
CROWN POINT APT	09	18	06	6	11	30	0445	15	0	0	0	5·3
ANTIGUA												
COOLIDGE AIRPORT	11	20	13	14	12	37	0145	15	1	0	0	8·7
GUYANA												
EBINI	05	13	16	7	07	33	1605	7	0	0	0	4·0
GEORGETOWN O R R	05	18	23	18		28	1530	6	0	0	0	7·8
KAMARANG	05	11	18	29	07	20	1605	13	0	0	0	1·1

TABLE VI - SUMMARY OF SUNSHINE RECORDS SEPTEMBER 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12
TRINIDAD																								
CENTENO	0	1	34	67	66	64	60	58	57	52	47	35	3	0	163.3	45	10.3	3	1	7	9	7	6	0
PIARCO AIRPORT	0	31	73	72	67	68	58	63	58	51	54	46	18	0	198.9	54	11.7	8	2	2	8	10	8	0
ST AUGUSTINE UWI	0	1	71	74	69	61	56	57	61	59	61	35	2	0	181.7	50	10.6	5	2	3	9	10	6	0
TOBAGO																								
CROWN POINT APT	0	13	53	67	66	70	68	68	64	68	57	55	16	0	205.6	56	10.6	8	1	4	7	6	12	0
LOUIS D/OR	0	3	47	59	69	68	72	75	74	67	63	40	1	0	197.1	54	10.3	10	2	4	5	12	7	0
GRENADA																								
MIRABEAU	0	10	55	69	71	76	73	71	75	67	58	40	6	0	208.0	57	10.3	10	2	2	4	15	7	0
BARBADOS																								
HUSBANDS CMI	0	26	77	80	79	78	79	78	82	76	67	53	16	0	237.1	65	10.9	11	0	4	1	12	13	0
SEAWELL AIRPORT	0	15	70	82	87	86	82	83	80	75	65	47	19	0	245.1	67	11.3	8	1	2	4	7	16	0
DOMINICA																								
MELVILLE HALL AP	0	17	68	84	87	91	88	87	86	80	73	58	12	0	241.2	68	11.2	8	0	1	3	12	13	0
ROSEAU	0	9	63	87	89	86	83	86	86	86	81	67	11	0	251.3	68	11.2	3	0	1	3	10	16	0
MONTSERRAT																								
GROVE	0	1	28	68	82	89	93	90	86	83	63	38	1	0	216.7	59	9.2	7	0	1	3	22	4	0

TABLE VI – SUMMARY OF SUNSHINE RECORDS SEPTEMBER 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	6–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19					NIL	0·1–3·0	3·1–6·0	6·1–9·0	9·1–12·0	MORE THAN 12
BR VIRGIN IS																								
PARAQUITO BAY	0	21	77	99	99	99	95	94	96	98	96	48	2	0	279·4	76	10·1	6	0	0	0	10	20	0
JAMAICA																								
BODLES	0	11	69	77	82	84	85	77	72	68	48	39	9	0	213·1	59	10·6	6	0	3	8	9	11	0
DUCKENFIELD	0	13	53	6[illegible]	72	81	78	72	70	66	62	53	14	0	201·6	57	10·4	11	0	5	6	7	11	0
EAST ALBION NURS	0	26	62	73	72	84	89	79	75	71	67	53	7	0	229·0	62	11·0	1	0	1	8	10	11	0
FROME	0	28	65	90	94	97	66	75	61	50	41	28	6	0	222·5	61	10·5	7	0	2	6	16	6	0
MONTEGO BAY	0	35	82	82	86	86	88	76	77	65	53	46	12	0	235·9	64	10·8	15	0	2	2	16	10	0
PALISADOES	0	31	66	75	79	84	80	81	73	61	59	43	15	0	202·0	61	11·5	12	0	3	6	6	10	0
SMITHFIELD	0	26	71	83	87	67	81	61	40	26	23	11	3	0	179·7	49	9·4	12	0	2	12	15	1	0
BR HONDURAS																								
BELIZE AIRPORT	0	15	50	70	76	75	76	70	69	79	65	57	22	0	203·3	60	11·2	5	0	5	4	9	10	0
GUYANA																								
EBINI	0	5	40	61	84	86	85	81	76	75	64	56	20	0	219·9	60	10·6	3	0	2	5	16	7	0
GEORGETOWN BOT 6	0	22	76	77	82	86	85	81	81	79	74	58	16	0	245·2	67	11·0	3	0	1	4	12	13	0
KAMARANG	0	1	22	56	81	92	85	79	78	69	59	57	13	0	207·6	57	10·4	9	0	1	8	18	3	0
MAHAICONY ABARY	0	13	74	86	92	93	92	93	90	85	82	68	9	0	262·9	72	10·2	2	0	1	1	10	18	0
MAZARUNI PRISON	0	0	14	71	91	88	78	67	62	46	43	13	1	0	172·3	47	9·5	3	0	4	16	9	1	0
MON REPOS	0	11	69	92	87	85	88	89	86	82	77	59	19	0	253·4	69	11·3	3	0	1	4	12	13	0
WAUNA	0	0	33	67	74	74	64	47	43	38	30	21	6	0	149·2	41	10·4	3	1	7	10	10	2	0

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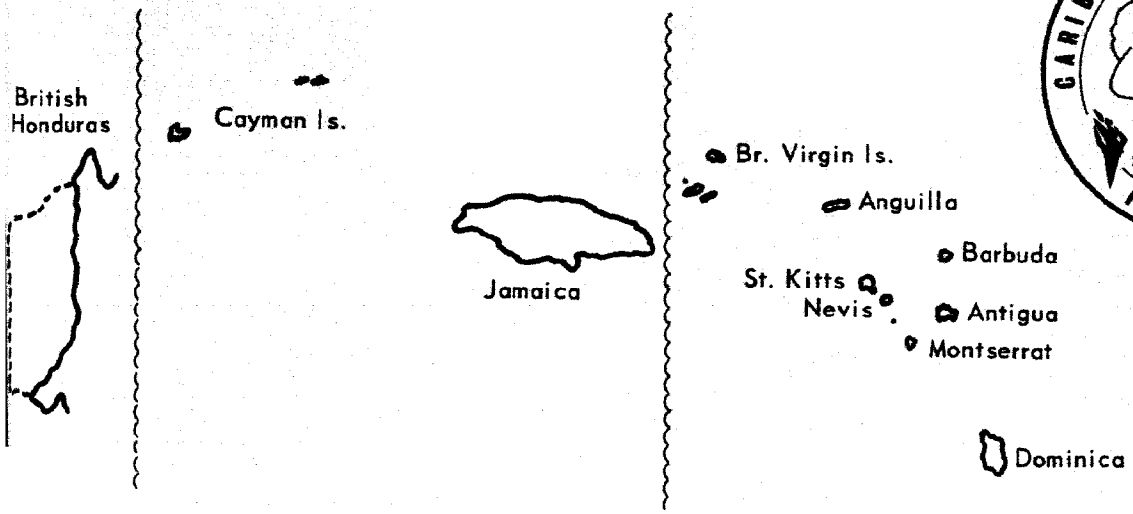

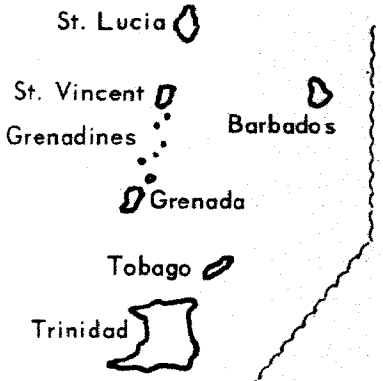

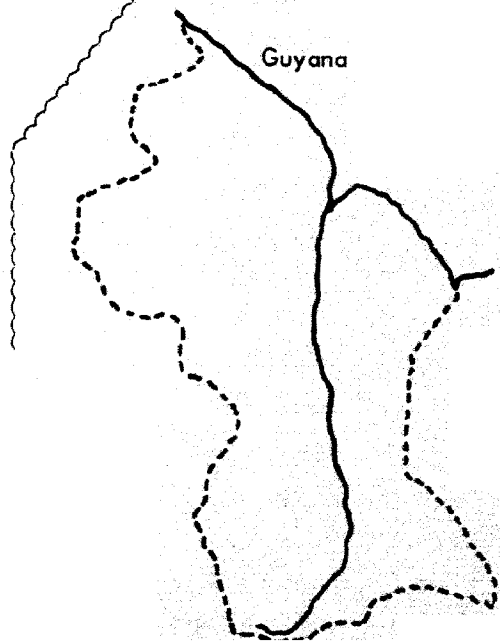

Monthly Weather Summary

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October 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute,
Husbands, St. James, Barbados, W.I.

October 1971

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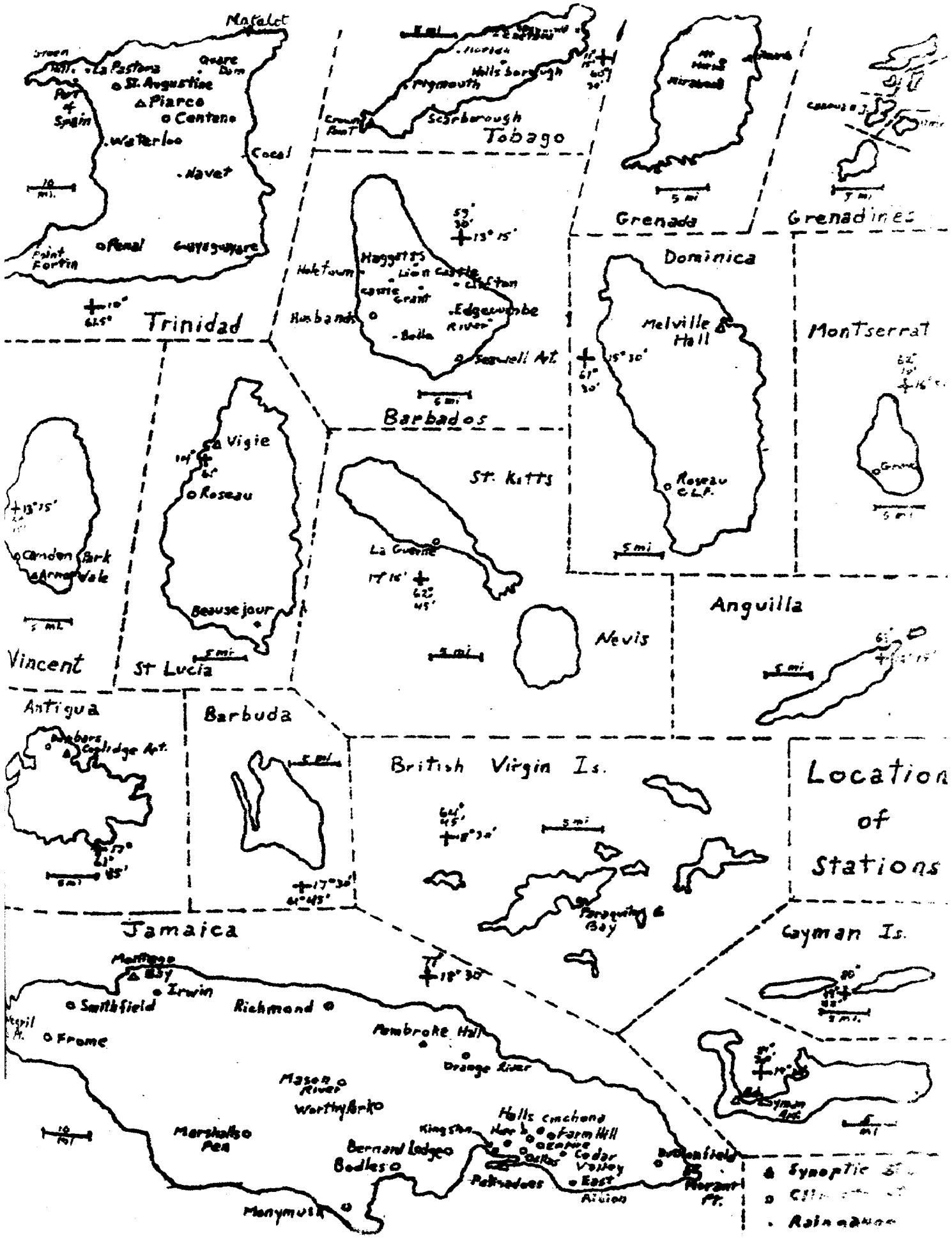
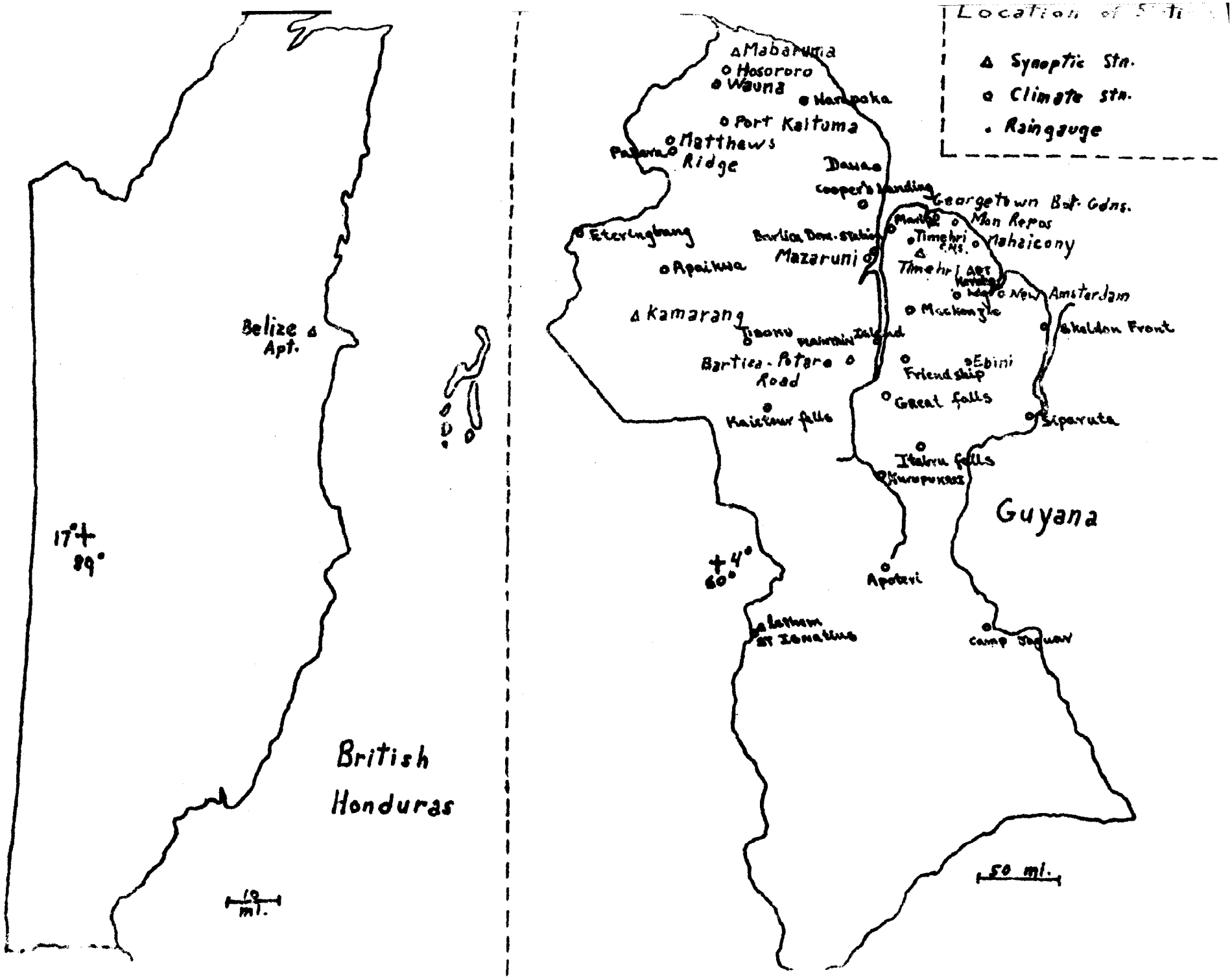

Matelot
La Pastora
St. Augustine
Piarco
Centeno
Port of Spain
Waterloo
Cocal
Navet
Penal
Guayaguayare
Point Fortin
Trinidad
Tobago
Pigmouth
Scarborough
Crown Point
Grenada
Grenadines
Dominica
Melville Hall
Roseau C.L.F.
Montserrat
Barbados
Haggatts
Holetown
Lion Castle
Clifton
Husbands
Edgecumbe
Seawell Apt.
St. Kitts
La Guerne
Nevis
Anguilla
Vigie
Roseau
Beausejour
St Lucia
Camden Park
Arnoldale
Vincent
Antigua
Barbuda
British Virgin Is.
Paraquita Bay
Location of Stations
Jamaica
Montego Bay
Irwin
Smithfield
Richmond
Frome
Pembroke Hall
Orange River
Mason River
Worthy Park
Marshalls Pen
Bernard Lodge
Bodles
Monymusk
Halls
Cinchona
Farm Hill
Cedar Valley
East Albion
Dutchfield
Morant Pt.
Cayman Is.
Synoptic
Raingauge



Location of Stations
Synoptic Stn.
Climate stn.
Raingauge
Mabaruma
Hosororo
Wauna
Port Kaituma
Matthews Ridge
Dawa
Cooper's Landing
Georgetown Bot. Gdns.
Mon Repos
Mahaicony
Timehri
Mazaruni
Eteringbang
Apaikwa
Kamarang
New Amsterdam
Mackenzie
Skeldon Front
Bartica-Potaro Road
Friendship
Ebini
Great falls
Kaietour falls
Siparuta
Itabru falls
Guyana
Apoteri
Lethem
St Ignatius
Camp Jaguar
50 mi.
Belize Apt.
17°
89°
British Honduras
10 mi.
4°
60°

NOTES ON THE OBSERVATIONS AND SUMMARIES

GENERAL

1. The maps show the approximate location of the stations, including some that are in the process of being established and others from which returns are sometimes delayed. Thus in any particular month summaries for a station may not appear in the tables. It is expected that supplementary tables, incorporating previously missed observations, will be added from time to time. A complete station list is published in the January issue each year.

2. Thermometers are exposed in louvred wooden screens with their bulbs approximately 4 feet above the ground. Forced ventilation of the wet and dry bulb thermometers is not generally used.

3. At most stations the raingauge has its rim 1 foot above the ground but in Guyana this height is generally one metre. Most of the standard gauges are 5 inches in diameter; the recording gauges, usually of the tilting-syphon or natural-syphon types, are either 5 or 8 inches in diameter.

4. Local Standard Time (LST) in Belize is 6 hours behind Greenwich Mean Time (GMT); in Jamaica and the Cayman Islands, it is 5 hours behind, and in the rest of the countries, it is 4 hours behind. For some of the daily observations the unit of time is the calendar day; for others, it is the 24-hour period commencing at the time of the morning observation on that date and called the "Climate day".

5. In each summary table, stations are arranged in alphabetical order within countries. The countries are arranged in geographical order commencing with Trinidad, then moving northwards and westwards along the island chain through Jamaica and the Cayman Islands to Belize, and concluding with Guyana.

6. A blank space indicates that data are not available, or were considered unreliable.

TABLE I

1. This table gives summaries of observations made at fixed hours, LST. At synoptic stations these are the main synoptic reporting hours (00, 06, 12, 18h GMT). At other stations they are the one or two hours at which observations are made each day.

2. The mean dry bulb and wet bulb temperatures are the averages of the 30 or 31 (28 or 29 for February) daily values as measured at that time of day. The mean vapour pressure is similarly the average of the 30 or 31 computed daily values. On the other hand, the mean relative humidity is computed as the ratio of the mean vapour pressure to the saturation vapour pressure at the mean dry bulb temperature.

3. Barometric pressure is generally measured only at synoptic stations. The values given are the means of the 30 or 31 daily observations at that time, each reduced to mean sea level before being averaged.

4. The observation hour windspeed is generally read from an indicator, but at some stations it is taken from the anemograph chart. The average of the 30 or 31 daily values is given in this table. They must be considered as indicating only the mean speed during the month for a particular time of day, and a mean daily windspeed should not in general be calculated from them. This is particularly true of stations with only one or two hourly observation times, and at those where the four synoptic hour values indicate a significant diurnal effect.

5. Cloud cover is observed at synoptic stations and reported as the fraction of the sky (in eighths) that is occupied by cloud. The mean amount given here is the average of the 30 or 31 daily reports for that time of day. The number of days on which the sky was clear at that time of day (0 eighths), mostly clear (1, 2), partly cloudy (3-5), mostly cloudy (6, 7), or overcast (8) is given in the following columns. An entry in the column headed "9" would indicate an observation for which the sky was either partially or wholly obscured (as, for instance, by fog). It should be noted that the total number of observations in the six columns will be equal to the number of days in the month, unless an observation was missed.

6. Visibility is reported from the synoptic stations in terms of the number of miles (or yards) at which objects are clearly distinguishable. This is customarily "10 or more miles" unless some obscuring material (usually haze, smoke, fog or rain) is present in the air. Again, the total number of observations in these eight columns will be equal to the number of days in the month unless an observation was missed.

TABLE II

1. This table gives summaries of the usual daily observations. All stations listed in Table I should also have entries here. In addition, stations observing only rainfall and/or temperature extremes, will be included in Table II but not in Table I.

2. The rainfall data from the standard raingauge at each station. The observation is taken in the morning usually at 12h GMT (i.e. at 6 to 8 A.M. LST) and is entered to the previous day. The "climate day" thus terminates at the time of the following morning's observation and not at midnight. The most rain in a day, the date on which it occurred,

/ct'd...

and the number of days with amounts exceeding .04, .40 and 1 inch, all refer to the "climate day".

3. Maximum and minimum temperatures are read in the morning, with the maximum being entered to the previous day. As indicated, the mean daily temperature given in this table is the average of mean maximum and mean minimum temperatures. The highest maximum and lowest minimum observed during the month are also given.

4. The grass minimum temperature is found from a thermometer exposed to the atmosphere at a height of 2 inches above the ground. As it will cool through overnight radiation loss, generally lower temperatures than those from the screened thermometers will be observed. The mean of the 30 or 31 daily values is given in the table.

5. All stations for which monthly sunshine totals are given here will normally have entries in Table VI as well.

6. At synoptic and a few other stations, the observer is asked to note the occurrence of thunder, fog, hail or gale (i.e. a mean windspeed in excess of 34 knots). The total number of calendar days during the month with such occurrences is given here. It should be emphasized that unless the station is manned continuously, these events, particularly thunder, are likely to be under-counted.

TABLE III

1. This table gives summaries of additional daily observations of importance primarily to agriculture.

2. The wind mileage data are from totalizing cup anemometers set 6 feet above the ground. The counters are read at the morning observation hour and hence both the "daily mean" and "most in a day" figures refer to the climate day rather than the calendar day. It should be noted that, as the mean hourly windspeeds calculated from these values would refer to a 6 foot height, they will be significantly lower than those means that may appear for the same stations in Table V,

3. Evaporation is usually measured using a Class A pan, a metal container, 4 feet in diameter and 10 inches deep, which is exposed on a wooden platform just above the ground. The water depth in the pan is maintained at between 7 and 8 inches, with changes in the level being measured at each morning's observation. The total water loss for the month is given in the table together with the maximum daily loss during the month and the date on which it occurred. Both these last entries refer to the climate day. Daily readings are sometimes missed when the pan is cleaned or repaired. If more than four readings in a month are missing, no total is shown, if three or four readings are missing, the total is adjusted and printed with the letter 'M' next to it, if one or two readings are missing, the adjusted total is printed but without an 'M'.

/ct'd...

4. Soil temperature extremes are read in the morning; the maxima being entered to the previous day. The mean maximum, mean minimum and extremes are given for the two depths that are most frequently instrumented at the various stations.

5. Radiation measurements are mostly from Gunn-Bellani pyranometers that are read in the morning and are entered to the previous day. While the most and least in a day will refer to the climate day, there will be little difference for solar radiation between climate and calendar days as the morning observation is generally taken shortly after sunrise.

TABLE IV

1. This table gives maximum rainfall amounts during specified periods of time, as determined from the charts of recording raingauges.

2. It is important to note that, presently, the measurement of maximum amounts at some stations is confined to single 24-hour periods (the climate, or rainfall day) while at others two daily charts may be combined when necessary for the determination of maximum amounts. These two procedures are likely to produce divergent results only for the 6 and 12 hourly periods, with the former method tending to under-record these maximum amounts.

TABLE V

1. This table gives mean windspeeds and details of the highest winds recorded at stations possessing anemographs. These figures normally relate to heights of between 30 and 60 feet above the ground.

2. For each hour during the month a mean windspeed to the nearest knot is read off the chart. The prevailing wind direction to the nearest 10° is also given. The highest speed for any clock hour is given in this table, together with the corresponding direction and time and date of occurrence.

3. The direction, speed and occurrence time of the highest gust during the month is also given. While response characteristics of the different anemographs in use varies, this will generally represent the speed over a 2-5 second averaging time.

4. The number of hours during the month in which one or more gusts occur that exceed 33, 47 and 63 knots (i.e. Beaufort force 7, 9 and 11 respectively), are given in the next three columns. These values correspond to 38, 55 and 72 miles per hour.

5. The average of all the hourly anemograph values during the month is given in the last column. At stations where the diurnal effect is relatively small, this figure and the average of the four windspeed entries for synoptic stations in Table I should be reasonably close.

/ct'd...

TABLE VI

1. This table gives summaries of the hourly and daily amounts of sunshine, measured by Campbell-Stokes sunshine recorders. The time scale produced by the recorder and used here is centred on solar noon and is referred to as local apparent time (LAT). Except for the Cayman Islands, local apparent time does not differ from the local standard time by more than ± 10 minutes on average.

2. During each hour the amount of direct sunshine is measured in tenths of an hour. The mean duration figures given here are the averages of the 30 or 31 daily values for that hour; as they are in hundredths, they can also be considered as giving directly the percentage of time that the sun shone for each hour during the day.

3. The total duration in hours will be equal to the sum of the previous columns times the number of days in the month. It is also expressed as a percentage of the maximum amount possible, based on the stations' latitude and the season.

4. The most sunshine in any day and the date of occurrence are given; where two or more days are tied for maximum, only the earlier date is listed.

5. The number of days with sunshine amounts in different ranges is given in the last part of the table. The sum of the entries here should equal the number of days in the month. Where they do not, it indicates that one or more values have been missed; provided that fewer than 6 days are missing, the monthly total duration will have been adjusted to represent the whole month.

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No. of Observations) yards 0—440	440—1,100	1,100—2,200	miles 1¼—2	2—3	3—5	5—10	10 or more
TRINIDAD																							
CENTENO	50	08	78.6	76.2	29.8	89		1.7															
PENAL AG.STATION	25	08	77.1	75.3	29.1	92																	
PIARCO AIRPORT	41	02	74.2	73.2	27.3	94	1011.8	0.8	4.7	1	6	9	12	3	0	0	0	0	0	0	1	6	24
		08	78.0	75.6	29.1	89	1013.2	4.4	5.8	0	2	8	19	2	0	0	1	0	0	0	2	5	23
		14	82.1	76.4	28.3	76	1011.6	9.7	6.6	0	0	4	22	5	0	0	0	0	1	1	5	5	19
PIARCO AIRPORT	41	20	76.5	74.6	28.4	91	1012.2	2.8	5.1	2	5	7	13	4	0	0	0	0	0	2	1	3	25
ST. AUGUSTINE UWI	52	08	79.0	75.1	28.9	86	1013.1	0.8	6.1	0	0	9	15	5	2								
		16	81.4	75.7	27.9	76	1010.5	0.6	6.4	0	1	5	17	6	2								
TOBAGO																							
CROWN POINT APT	9	02	76.9	74.3	27.8	88	1011.4	3.7	4.9	0	6	10	10	5	0	0	0	0	0	0	0	3	28
		08	80.9	76.5	29.1	81	1013.3	8.5	5.7	0	2	9	17	3	0	0	0	1	0	0	1	3	26
		14	82.0	76.6	29.1	78	1011.2	10.1	6.1	0	0	10	13	8	0	0	0	0	0	0	3	4	24
		20	78.2	74.9	28.2	86	1012.2	5.5	4.8	1	6	10	8	6	0	0	0	0	0	0	0	6	25
LOUIS D'OR	40	08	80.9	76.1	28.7	80																	
GRENADA																							
MIRABEAU	450	08	79.2	75.9	29.1	86			6.5	0	1	5	14	11	0								
		16	79.0	75.5	28.6	85			6.1	0	0	13	8	10	0								
PEARLS AIRPORT	22	08	80.3	76.2	29.1	82	1012.6	8.7	4.7	0	8	9	11	3	0	0	0	0	0	1	2	5	23
		14	82.1	77.2	29.7	79	1010.9	7.9	5.1	0	7	8	10	6	0	0	0	0	0	0	1	8	22
BARBADOS																							
HUSBANDS CMI	370	08	80.1	74.7	27.2	77	1014.4	7.8	5.5	0	2	10	18	1	0	0	0	0	0	0	0	3	28
		14	82.5	75.1	26.4	70	1012.0	9.5	6.3	0	0	7	21	3	0	0	0	0	0	1	1	3	26
SEAWELL APT	183	02	78.6	75.6	28.9	87	1011.9	9.1	4.7	0	6	13	9	3	0	0	0	0	0	0	0	1	30
		08	80.8	76.6	29.3	82	1014.0	11.6	5.5	0	4	8	15	4	0	0	0	0	0	0	0	2	29
		14	83.3	77.2	29.2	75	1012.0	12.5	6.0	0	0	12	15	4	0	0	0	0	0	0	0	1	29
		20	79.6	76.1	29.3	85	1013.4	11.2	4.8	0	7	11	6	7	0	0	0	0	0	0	0	2	29
ST. VINCENT																							
CAMDEN PARK	30	08	82.2	76.9	29.2	78	1011.6																
		16	83.5	77.3	29.2	74																	
ST. LUCIA																							
ROSEAU WINBAN		09	83.3	77.1	29.0	75																	
VIGIE AIRPORT	7	08	81.2	75.7	27.9	77	1013.7	5.2	4.8	0	5	9	11	1	0	0	0	0	0	0	0	2	24
		14	84.4	76.3	27.4	68	1012.0	8.6	5.2	0	1	12	11	1	0	0	0	0	0	0	0	1	24

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0-440	440-1,100	1,100-2,200	miles 1/4-2	2-3	3-5	5-10	10 or more
DOMINICA																							
MELVILLE HALL APT		09	82.3	76.2	27.8	74	1015.7	6.3	5.0	0	2	14	10	1	0	0	0	0	0	0	1	8	18
		14	84.3	77.5	29.2	73	1014.2	8.0	5.1	0	1	15	11	1	0	0	0	0	0	0	2	10	16
ROSEAU	220	09	82.1	76.3	28.5	76																	
MONTSERRAT																							
GROVE	130	08	81.4	75.6	27.7	76			4.4	0	7	15	6	3	0								
		16	83.1	76.2	27.9	72			4.3	0	7	15	8	1	0								
ANTIGUA																							
COOLIDGE APT	26	02	78.5	74.6	27.5	83	1013.6	8.1	3.9	0	8	11	6	0	0	0	0	0	0	0	0	0	25
		08	80.8	75.7	28.1	78	1014.6	9.2	5.2	0	4	12	14	1	0	0	0	0	0	0	1	0	30
		14	83.7	76.4	27.8	71	1013.3	11.2	5.7	0	0	11	20	0	0	0	0	0	0	0	0	3	28
		20	79.9	75.3	27.9	80	1014.2	8.7	4.4	0	7	13	9	2	0	0	0	0	0	0	0	1	30
DUNDARS	220	09	82.5	76.1	27.9	74																	
		15	83.1	76.3	27.9	77																	
ST. KITTS																							
GOLDEN ROCK APT		08	80.8	75.6	28.0	78	1015.0	6.0	5.3	0	1	9	11	0	0	0	0	0	0	0	0	1	20
		14	83.6	76.8	28.4	72	1013.5	6.6	5.5	0	1	6	14	0	0	0	0	0	0	0	0	2	19
JAMAICA																							
BODLES	60	07	73.4	72.2	26.5	94																	
		13	85.0	76.4	27.3	66																	
CAENWOOD	50	08	77.9	76.3	30.3	93																	
		16	79.8	78.0	32.0	92																	
CEDAR VALLEY	1980	07	68.1	66.6	21.7	97																	
CEDAR VALLEY	1980	13	78.2	72.8	25.1	76																	
CINCHONA GARDENS	4897	07	62.7	60.4	16.9	87																	
		16	65.1	63.7	19.5	92																	
DALLAS	950	09	78.5	73.7	26.2	79																	
		15	79.8	74.6	27.2	78																	

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (EIGHTHS) MEAN AMT	Number of Observations 0	1, 2	3-5	6,7	8	9	VISIBILITY 0-440	440-1,100	1,100-2,200	1-2	2-3	3-5	5-7	7-10	10 or more
JAMAICA																								
DUCKENFIELD	160	08	79.8	76.0	29.0	84																		
EAST ALBION	90	07	78.1	72.5	24.7	75																		
		13	86.0	76.5	26.8	63																		
EMPIRE NURSERY	2130	07	65.9	65.1	20.8	96																		
		13	78.0	71.7	23.5	72																		
HALLS DELIGHT	3020	07	70.5	65.5	19.3	76																		
		13	71.3	68.0	22.1	84																		
HOPE GARDENS	712	07	67.8	64.7	19.5	84																		
IRWIN	80	08	80.7	76.6	29.6	83																		
		16	84.6	78.1	30.0	74																		
KINGSTON ST.GEORGE	90	07	75.4	71.9	25.2	84																		
		13	84.7	77.4	28.9	71																		
MARSHALLS PEN	2300	07	68.1	65.9	20.1	86		3.5	2.0	3	19	9	0	0	0									
		13	78.5	72.0	23.3	70		6.5	3.5	0	15	7	9	0	0									
MONTEGO BAY APT	3	01	73.7	68.5	23.9	84	1012.4	1.4	3.7	0	14	8	8	1	0	0	0	0	0	0	0	0	0	31
MONTEGO BAY APT	3	07	73.5	70.2	24.0	85	1012.6	1.0	5.0	0	8	5	15	3	0	0	0	0	0	0	0	0	0	31
		13	82.2	75.7	28.0	75	1012.3	9.4	4.7	0	8	6	16	1	0	0	0	0	0	0	0	0	0	31
		19	75.3	70.4	25.6	86	1012.1	0.2	5.6	0	2	11	11	7	0	0	0	0	0	0	0	0	0	31
MORANT POINT L.H	6	01	78.9	75.6	29.0	86		8.1	3.8	0	13	10	5	3	0	0	0	0	0	0	0	0	0	31
		07	79.2	76.0	29.3	86		10.1	3.7	1	10	12	7	1	0	0	0	0	0	0	0	0	0	31
MORANT POINT L.H		13	84.7	79.2	31.7	78		10.3	4.5	0	7	13	8	3	0	0	0	0	0	0	0	0	0	31
		19	81.5	77.3	30.1	82		8.5	3.8	5	7	6	9	4	0	0	0	0	0	0	0	0	0	31
NEGRIL POINT L.H	27	07	74.9	72.1	25.8	87	1012.1	1.7	3.9	1	14	4	5	7	0									
		13	86.4	78.0	29.0	67	1011.6	7.1	4.4	0	9	11	7	4	0									
		19	78.2	74.6	27.6	84	1011.3	2.4	4.6	0	15	1	5	10	0									
ORANGE RIVER	950	08	73.7	72.0	25.8	91																		
		16	77.5	73.5	26.4	82																		
PALISADOES APT	9	01	79.8	74.2	27.1	78	1012.3	1.8	3.9	0	12	8	8	3	0	0	0	0	0	0	0	0	0	31
		07	80.0	73.9	26.2	75	1012.4	1.6	3.8	0	13	8	7	3	0	0	0	0	1	1	0	0	0	29
		13	86.3	77.2	28.4	66	1011.8	8.9	5.0	0	6	8	15	2	0	0	0	0	0	1	0	0	0	30
PALISADOES APT	9	19	81.8	75.0	27.0	73	1011.8	4.3	5.1	0	8	8	9	6	0	0	0	0	0	0	1	0	0	30
SMITHFIELD	925	08	77.5	72.7	25.3	79																		
WORTHY PARK	1250	07	68.9	67.5	22.5	93																		
		15	78.9	73.5	25.9	77																		

STATION	ABOVE MSL ft	EST	DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	REDUCED TO MSL mb	WIND SPEED kt	MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	*	0-40	41-80	81-120	121-160	161-200	201-240	241-280	281-320	321-360
FR. HONDURAS																								
BELIZE AIRPORT	17	06	74.0	73.1	27.5	96	1012.0	2.7	5.9	0	5	3	18	1	3	0	2	0	1	2	2	8	15	
		12	84.2	76.7	28.1	70	1012.2	6.7	5.2	0	5	10	15	1	0	0	0	1	0	0	0	0	30	
		18	80.0	75.9	28.8	80	1010.5	3.9	4.3	0	10	8	11	1	0	0	0	0	0	0	0	1	29	
GUYANA																								
BARTICA POTARO RD	400	08	77.2	75.4	29.2	92																		
		14	88.1	77.0	26.7	59																		
EBIKI	94	08	77.9	75.3	28.8	88	1013.1	4.6	7.0	0	0	1	22	1	0	0	0	0	0	0	0	9	15	
		14	88.0	76.2	25.6	57	1009.1	7.0	7.0	0	0	0	23	2	0	0	0	0	0	0	0	4	21	
GEORGETOWN BOT.G.	7	08	80.2	76.6	29.4	84	1013.1	6.1	4.3	0	0	7	23	0	0	0	0	0	0	0	0	5	25	
GEORGETOWN BOT.G.		14	83.4	77.1	29.0	74	1010.7	7.2	5.7	0	2	8	19	2	0	0	0	0	0	0	0	5	26	
HOSORORO		08	77.9	75.7	29.4	90																		
		14	81.6	76.9	29.5	80																		
KAMARANG		08	71.1	69.4	23.7	91	1016.2	0.0	6.4	0	0	4	25	2	0	0	0	0	0	1	4	7	19	
		14	83.4	73.1	23.3	60	1010.6	2.5	5.8	0	0	11	20	0	0	0	0	0	0	0	0	1	30	
LETHEM	326	08	80.0	74.5	26.8	77	1014.3	9.3	6.1	0	2	6	20	3	0	0	0	0	0	0	0	8	23	
		14	88.4	76.4	25.6	56	1010.5	9.6	6.0	0	0	12	14	5	0	0	0	0	0	0	0	6	25	
MABARUMA	168	08	76.8	75.3	28.9	92	1012.5	2.6	4.7	0	11	5	11	4	0	0	1	1	1	1	2	16	9	
		14	81.8	76.7	29.1	78	1010.6	4.1	6.6	0	0	6	17	8	0	0	0	0	0	1	5	18	7	
MATTHEWS RIDGE		08	75.6	73.9	27.9	92																		
MATTHEWS RIDGE		14	80.9	77.4	30.6	85																		
MATAPUNI	47	08	77.6	75.3	28.9	89																		
		14	83.3	76.4	28.1	72																		
MON REPOS		08	80.9	73.5	25.1	70																		
		14	84.6	75.2	25.7	63																		
NEW AMSTERDAM	3	08	80.9	76.6	29.4	82																		
		14	86.8	78.7	29.9	69																		
PORT KAITUMA		08	74.3	73.0	27.1	94																		
		14	85.3	77.3	28.4	68																		
ST. IGNATIUS		08	80.1	74.1	26.1	74																		
TIMEHRI AIRPORT	95	02	72.9	72.7	27.3	99	1010.8	0.2	3.7	4	7	11	8	0	1	1	2	0	0	0	1	12	15	
		08	77.7	75.7	29.4	91	1012.9	1.7	5.7	0	4	4	20	3	0	0	0	1	0	2	0	5	23	
		14	83.1	77.4	29.7	77	1009.9	6.0	6.6	0	0	4	25	2	0	0	0	1	0	1	1	8	20	
		20	75.5	74.6	28.8	96	1011.2	2.4	5.8	0	4	5	18	4	0	0	0	0	0	0	0	6	25	
TIMEHRI C.H.S		08	77.9	76.1	30.0	92																		
TIMEHRI C.H.S		14	83.5	77.4	29.4	75																		
WAUJA		08	76.9	75.7	29.9	95		2.6	4.2	0	1	12	1	1	0	0	0	0	0	1	1	13	0	
		14	81.9	76.8	29.2	78		6.4	5.9	0	0	3	11	1	0	0	0	0	0	0	0	10	5	

TABLE II SUMMARY OF DAILY OBSERVATIONS OCTOBER 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
TRINIDAD																	
CENTENO	16.58	3.73	23	20	9	6	85.3	71.3	78.3	89	69		132.0				
PIARCO AIRPORT	15.06	2.94	9	20	10	5	85.7	72.3	80.0	89	71		160.2	8	0	0	0
ST. AUGUSTINE UWI	13.23	2.23	23	18	11	4	86.5	70.9	79.8	89	69	68.7	167.2	7	0	0	0
TOBAGO																	
LOUIS D'OR	12.38	2.59	22	21	9	3	84.7	74.2	79.5	87	71		186.2				
GRENADA																	
PEARLS AIRPORT	11.29	3.28	24	19	8	3	84.8	75.3	80.1	87	70						
BARBADOS																	
HUSBANDS CMI	6.80	1.97	15	13	6	2	84.6	72.4	78.5	87	69		206.4				
SEAWELL AIRPORT	2.85	.51	22	11	3	0	84.9	77.6	81.3	88	72		197.5				
ST. VINCENT																	
CAMDEN PARK	11.86	2.92	4	15	9	2	86.3	73.6	80.0	89	66		211.2				
ST. LUCIA																	
ROSEAU WINBAN	9.30	1.40	2	20	9	2	85.9	71.8	78.9	88	69		207.4				
VIGIE AIRPORT	8.08	1.60	23	15	8	2	86.4	72.6	79.5	89	69						
DOMINICA																	
MELVILLE HALL APT.	7.04	1.58	25	19	7	1	85.6	71.0	78.3	87	70		166.3				
ROSEAU	6.08	1.00	1	19	6	1	85.7	74.0	79.8	88	71		221.1				
MONTSERRAT																	
GROVE	3.06	.53	21	17	2	0	86.8	75.2	81.0	89	71		192.3				

TABLE II SUMMARY OF DAILY OBSERVATIONS OCTOBER 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
ANTIGUA																	
COOLIDGE APT.	5.32	1.92	25	10	5	2	85.8	75.8	80.9	88	71						
DUNBARS	4.35	1.37	26	13	3	1	87.0	74.5	80.8	89	70						
ST. KITTS																	
CAINES	4.89	1.32	25	16	4	1											
CUNNINGHAM	4.37	1.83	22	7	2	2											
NEEDSMUST	2.63	.78	13	12	1	0	84.7	71.7	78.2	91	70						
WEST FARM	2.55	.42	22	11	2	0											
BR. VIRGIN ISLANDS																	
PARAQUITO BAY	4.79	.81	16	15	4	0	86.7			90			184.0				
JAMAICA																	
BODLES	3.02	1.12	5	7	3	1	89.5	66.0	78.0	91	62		238.3				
CAENWOOD	5.10	.76	4	10	7	0	81.4	74.8	78.1	83	73	72.4					
CEDAR VALLEY	10.73	2.00	26	17	8	6	80.9	53.3	67.1	85	47						
CINCHONA GARDENS	10.59	1.65	29	17	9	5	70.8	57.2	64.0	75	55						
DALLAS	9.83	1.65	14	14	9	4	81.1	76.1	74.1	89	64						
DUCKENFIELD	8.25	1.58	20	17	8	3	86.2	71.5	78.9	88	67	65.8	209.2				
EAST ALBION	7.02	2.59	21	12	5	2	87.4	72.5	80.0	90	68		157.4				
EMPIRE NURSERY	11.20	1.83	29	18	11	3	81.1	63.1	72.1	85	61						
FROME	9.11	1.30	21	18	8	2	88.9	69.4	79.1	91	66		208.4				
HALLS DELIGHT	6.09	1.66	29	14	4	2	78.0	63.1	70.6	83	61						
HOPE GARDENS	3.24	1.36	15	14	7	3	85.3	58.7	72.0	88	56						
IRWIN	10.04	2.16	29	15	8	5	89.5	69.5	79.5	93	67						
KINGSTON	4.60	1.18	21	11	3	1	87.9	73.2	80.6	91	73						
MARSHALL PEN	6.65	1.66	15	7	5	[illegible]	79.2	65.4	72.3	81	63			4	0	0	0
MONTEGO BAY APT	11.12	5.05	22	11	7	3	87.3	72.6	80.0	90	70		211.0	14	0	0	0

TABLE II SUMMARY OF DAILY OBSERVATIONS OCTOBER 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04"	.40	1.00	MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
JAMAICA																	
MORANT POINT L.H	8.38	2.80	20	12	6	3	86.6	74.3	80.5	88	69			11	0	0	0
NEGRIL POINT L.H	9.66	2.18	21	15	8	4	88.3	72.5	80.4	94	71			31	0	0	0
ORANGE RIVER	4.91	.81	21	14	6	0	84.6	67.0	75.8	86	64		211.4				
PALISADOES APT	5.63	1.65	21	10	6	1	87.3	75.9	81.6	90	72		229.5	5	0	0	0
SMITHFIELD	18.11	3.05	31	17	11	6	83.4	69.4	76.4	87	67		186.7				
WORTHY PARK	14.11	3.51	25	15	8	5	84.6	65.1	74.8	87	61						
BR. HONDURAS																	
BELIZE APT	6.10	1.00	14	20	6	1	86.5	73.2	79.9	89	69		195.5	7	2	0	0
GUYANA																	
BARTICA POTARO RD	5.78	2.48	29	6	3	2	90.9	70.3	80.6	93	68						
EBINI	4.22	1.25	29	8	5	1	90.1	71.2	80.8	93	70		221.6	11	3	0	0
GEORGETOWN BG	6.41	3.09	1	12	5	1	85.8	74.7	80.2	88	72	69.1	209.7	10	0	0	0
HOSORORO	9.78	1.31	1	22	9	4	86.9	72.1	79.5	90	70						
KAMARANG	4.26	.75	21	14	5	0	85.4	67.4	76.4	88	64	65.8	213.9	13	5	0	0
LETHEM	7.44	2.32	14	7	5	4	92.5	73.3	82.9	98	71			4	0	0	0
MABARUMA	12.22	2.83	1	21	9	5	86.5	70.3	78.4	91	69			11	4	0	0
MATTHEWS RIDGE	6.32	1.32	1	16	7	1	87.5	71.7	79.6	89	68						
MAZARUM	6.00	.88	6	16	8	0	89.6	72.7	81.2	91	71		158.3	5	11	0	0
MON REPOS	3.85	.90	28	12	3	0	86.4	72.4	79.4	88	68		207.7				
NEW AMSTERDAM	5.79	1.56	21	10	4	3	88.1	74.1	81.1	90	71		223.4				
PORT KAITUMA	9.13	1.57	16	24	10	2	90.3	69.7	80.0	94	66			9	0	0	0
ST. IGNATIUS	8.09	2.40	21	8	4	3	91.0	75.0	83.0	95	71						
TIMEHRI AIRPORT	10.90	3.60	21	15	9	3	88.1	71.6	79.9	92	70			18	10	0	0
TIMEHRI C.H.S.	9.49	1.47	29	16	10	3	87.9	70.2	79.1	91	68						
WAUNA	11.06	1.85	24	26	10	4	86.9	69.5	78.2	91	67		133.6	15	6	0	0

COUNTRY STATION	RUN OF WIND (MILES PER DAY)		EVAPORATION (INCHES)			SOIL TEMPERATURES °F AT 2 INCH DEPTH					SOIL TEMPERATURES °F AT 4 INCH DEPTH				TOTAL RAINFALL (INCHES)		
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	41	70	4.28	.22	11										12320	553	108
PIARCO APT.	72	112	5.32	.26	11												
ST. AUGUSTINE			2.90	.17	11												
TOBAGO																	
LOUIS D'OR	15	57															
BARBADOS																	
EUSBANDS CMI	112	225				90.2	67.3	98	13	68							
ST. VINCENT																	
CAMDEN PARK	96	159													13237	674	211
DOMINICA																	
ROSEAU	66	109	4.65	.30	3										14708	573	306
MONTSERRAT																	
GROVE															14425	576	235
ST. KITTS																	
WEST FARM			5.54M	.30	1												
BR. VIRGIN ISLANDS																	
PARAQUITO BAY	85	144															
JAMAICA																	
BODLES	46	68	6.28	.45	25										16246	653	245
CEDAR VALLEY	28	46	4.80M	.29	8												
DUCKENFIELD			3.79	.18	8												
EAST ALBION	4	10	6.71M	.47	21												
EMPIRE NURSERY	20	49															
FROME			5.02	.46	30												
HALLS DELIGHT	17	33	3.09M	.23	11												
MONTEGO BAY APT	68	142															
NEGRIL POINT L.H.			3.61	.17	7												
ORANGE RIVER	19	39													16046	697	315
PALISADOES APT	113	301															
SMITHFIELD	56	74				86.9	70.9	93	13	67	82.8	72.1	87	69			
WORTHY PARK	29	56	4.93	.20	9												
GUYANA																	
EBIKI	56	96	6.88	.29	16					89.2		80.2	99	72			
GEORGETOWN B.G.	63	98	5.20	.26	9												
KANARANG	36	59	6.33	.29	20												
ST. IGNATIUS	136	188															
TIMEHRI C.H.S.	44	74															
WAUNA	14	41	4.73M	.28	5	91.4	75.7	98	13	70	88.4	76.3	99	71			

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS OCTOBER 1971

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO	.36	.72	.88	1.30	1.50	1.82	1.99	2.86
PENAL AG.	.76	.95	1.51	1.82	2.00	2.00	2.62	2.84
PIARCO APT	.28	.55	.67	.97	1.06	1.25	1.85	2.71
ST. AUGUSTINE UWI		.37	.41	.54	.67	.88	1.23	1.86
TOBAGO								
CROWN POINT APT	.28	.55	.79	1.16	1.80	2.73	3.26	3.40
LOUIS D'OR	.64	.64	.82	.94	1.43	1.44	1.62	2.41
GRENADA								
MIRABEAU			.52	.84	1.24	1.80	2.57	2.57
BARBADOS								
HUSBANDS CMI	.49	.75	1.03	1.57	1.96	1.97	1.97	1.97
MONTSERRAT								
GROVE	.20	.24	.40	.40	.40	.52	.52	.53
JAMAICA								
SMITHFIELD	.48	.87	1.15	2.01	2.68	2.92	3.31	3.31
GUYANA								
EBINI	.26	.40	.48	.76	.84	.84	1.25	1.25
GEORGETOWN B.G.	.55	.76	.90	1.32	1.52	2.16	2.65	2.68
KAMARANG	.24	.31	.36	.42	.44	.45	.66	.75
LETHEM	.36	.68	.87	1.30	1.38	2.04	2.30	2.32
NEW AMSTERDAM	.37	.52	.62	.68	1.20	1.29	1.36	1.56
TIMEHRI C.H.S.	.69	1.01	1.11	1.78	2.00	2.00	2.00	2.00
WAUNA	.50	.72	.84	1.07	1.10	1.26	1.72	1.85

TABLE V – SUMMARY OF WINDSPEED RECORDS OCTOBER 1971

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO APT	09	16	12	2	10	34	1605	2	1	0	0	4.4
TOBAGO												
CROWN POINT APT	13	18	09	9	11	32	1310	2	0	0	0	6.2
ANTIGUA												
COOLIDGE APT	11	21	04	9	12	34	0435	1	1	0	0	7.0
GUYANA												
EBINI	04	13	14	2	01	27	1350	2	2	0	0	4.5
GEORGETOWN O.R.R.	05	23	20	2	05	29	1120	29	0	0	0	8.5
KAMARANG	07	8	16	21	04	23	1550	21	0	0	0	1.4

TABLE VI – SUMMARY OF SUNSHINE RECORDS OCTOBER 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	6–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19					NIL	0.1–3.0	3.1–6.0	6.1–9.0	9.1–12.0	MORE THAN 12
TRINIDAD																								
CENTENO	0	5	28	52	57	56	53	50	47	38	28	8	0	0	132.0	36	9.4	31	3	10	10	7	1	0
PIARCO APT	0	13	47	58	59	57	55	52	53	43	40	33	6	0	160.2	43	10.7	30	2	7	10	7	5	0
ST. AUGUSTINE UWI	0	8	50	69	58	62	65	61	54	46	40	26	0	0	167.2	45	10.0	30	2	5	9	12	3	0
TOBAGO																								
CROWN POINT APT	0	19	61	69	78	76	69	63	56	59	59	55	21	0	211.7	57	11.1	16	2	6	3	7	13	0
LOUIS D'OR	0	7	47	66	65	67	65	60	65	61	57	42	2	0	186.2	50	10.5	18	3	7	1	12	8	0
GRENADA																								
MIRABEAU	0	12	44	64	70	68	63	59	55	58	40	26	3	0	173.9	47	10.4	17	3	7	4	10	7	0
BARBADOS																								
HUSBANDS CMI	0	23	57	67	71	74	72	70	66	65	52	41	9	0	206.4	56	11.0	17	1	6	4	10	10	0
SEAWELL APT	0	8	41	56	65	69	76	73	70	66	57	57	17	0	197.5	55	10.5	14	2	6	4	9	10	0
ST. VINCENT																								
CAMDEN PARK	0	0	40	85	93	93	92	87	89	88	84	71	22	0	211.2	71	10.3	17	0	1	2	8	14	0
DOMINICA																								
MELVILLE HALL APT	0	3	37	55	67	74	74	75	69	55	62	38	6	0	166.3	52	10.3	19	0	5	10	10	3	0
ROSEAU	0	8	50	63	74	82	84	86	80	69	67	42	9	0	221.1	60	10.4	17	0	2	9	11	9	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS OCTOBER 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12
MONTSERRAT																								
GROVE	0	4	31	54	71	73	76	75	67	68	60	37	5	0	192.3	53	9.4	19	0	5	7	16	3	0
BR. VIRGIN ISLANDS																								
PARAQUITO BAY	0	36	93	94	96	99	99	97	97	96	98	97	43	0	184.0	89	11.2	4	0	6	9	9	7	0
JAMAICA																								
BODLES	0	15	76	83	85	83	88	86	85	75	55	53	6	0	238.3	60	11.1	16	1	2	4	13	10	0
DUCKENFIELD	0	15	68	73	76	76	77	70	62	64	57	38	1	0	209.2	57	10.5	26	1	4	6	12	8	0
EAST ALBION	0	24	66	66	78	83	80	78	64	58	50	17	0	0	157.4	56	9.5	1	1	3	5	11	4	0
FROME	0	17	80	81	87	84	85	72	56	48	25	26	10	0	208.4	57	10.1	11	0	4	4	20	3	0
MONTEGO BAY APT	0	17	71	79	83	80	82	72	59	51	39	36	12	0	211.0	58	10.8	25	2	3	3	15	8	0
PALISADOES APT	0	33	80	77	80	85	84	78	70	57	47	41	5	0	229.5	63	10.7	16	0	3	6	9	11	0
SMITHFIELD	0	32	67	77	83	83	77	58	45	29	30	14	10	0	18617	51	11.0	27	0	5	11	10	5	0
BR. HONDURAS																								
BELIZE APT	0	6	45	56	73	71	77	75	66	56	57	43	7	0	195.5	54	10.4	23	0	6	8	9	8	0
GUYANA																								
EBINI	0	3	36	66	80	79	87	81	80	70	66	53	13	0	221.6	60	9.9	25	0	4	4	16	7	0
GEORGETOWN B.G.	0	11	54	71	77	75	72	71	67	66	57	43	14	0	209.7	56	11.0	9	0	6	5	11	9	0
KAMARANG	0	3	24	49	71	84	86	80	83	68	67	55	21	0	213.9	58	9.5	9	0	1	10	15	5	0
MAZARUNI	0	2	18	50	70	78	81	60	54	47	32	19	1	0	158.3	43	10.0	25	1	4	15	9	2	0
MON REPOS	0	7	43	69	72	73	83	78	70	69	57	38	12	0	207.7	56	10.5	9	0	4	8	11	8	0
WAUNA	0	4	37	63	52	57	56	51	43	32	21	12	3	0	133.6	36	8.7	19	1	11	8	11	0	0

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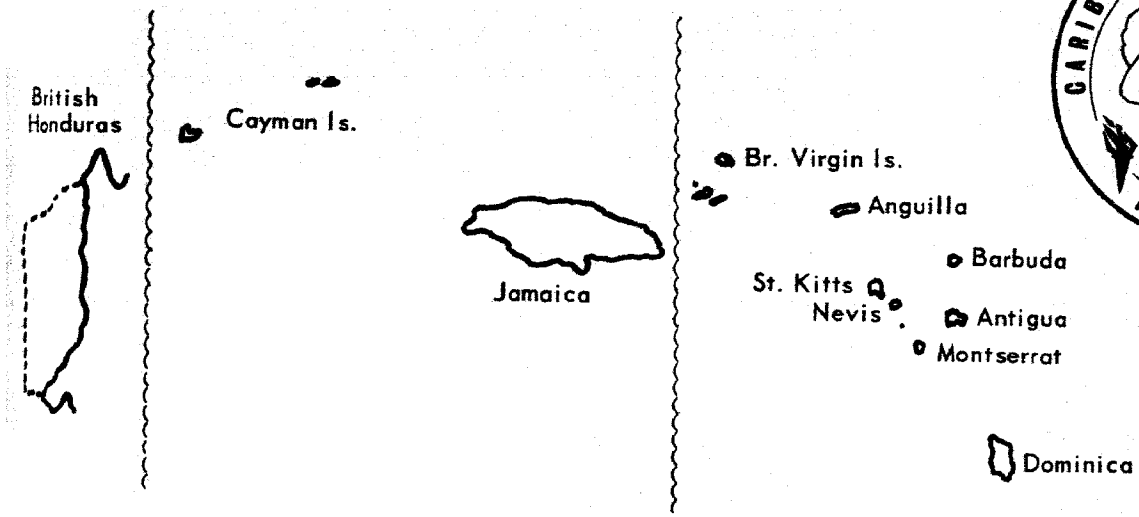

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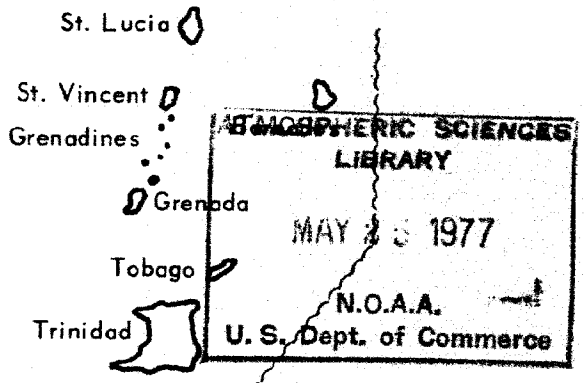

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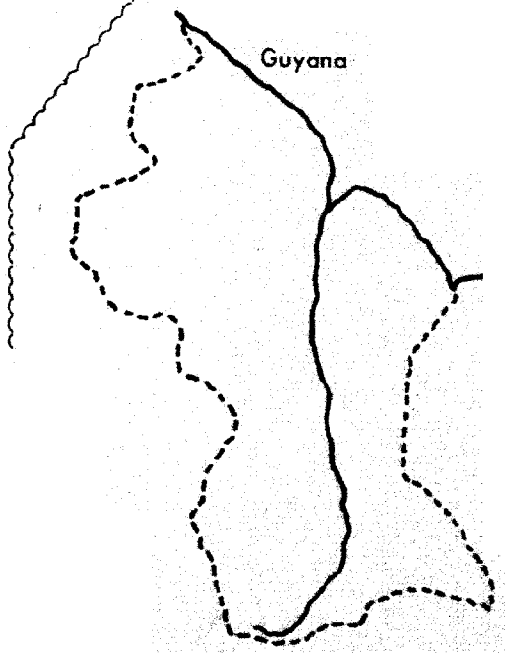

November 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
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November 1971

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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0-440	440-1,100	1,100-2,200	miles: 1/4-1/2	1/2-1	1-3	3-5	5-10	10 or more
TRINIDAD																								
CENTENO	50	08	77.9	75.6	29.2	90		1.7																
PENAL	25	08	76.1	74.5	28.3	92																		
PIARCO AIRPORT	41	02	73.4	72.4	26.7	95	1011.1	0.2	4.0	2	7	10	9	2	0	0	0	0	0	0	0	0	5	25
		08	77.2	74.6	28.1	88	1012.6	2.7	5.4	0	5	8	14	3	0	0	1	1	0	0	1	2	25
		14	83.0	75.7	27.1	70	1010.9	9.0	6.2	0	0	6	23	1	0	0	0	0	0	2	0	5	23
PIARCO AIRPORT	41	20	76.0	74.0	27.6	90	1011.7	1.8	4.5	0	8	8	13	1	0	0	0	0	0	0	0	2	28
ST.AUGUSTINE	52	08	78.4	74.7	27.9	84	1012.5		5.4	0	3	11	12	4	0									
		16	81.7	75.7	27.8	75	1010.2		6.3	0	1	6	20	3	0									
TOBAGO																								
CROWN POINT APT		02	76.4	73.9	27.4	88	1010.8	1.5	4.0	2	8	12	7	1	0	0	0	0	0	0	0	0	0	30
		08	79.9	75.8	28.7	82	1012.8	5.6	5.7	0	1	10	19	0	0	0	0	0	0	0	0	2	28
		14	82.3	76.6	28.8	76	1010.6	8.9	5.7	0	1	10	16	2	0	0	0	0	0	1	0	3	26
		20	77.1	74.1	27.5	86	1011.8	3.0	4.8	0	7	9	13	1	0	0	0	0	0	0	0	2	28
LOUIS D'OR	40	08	81.0	76.1	28.6	79																		
GRENADA																								
MIRABEAU	450	08	78.8	75.2	28.2	84			6.0	0	0	12	11	7	0									
		16	78.5	75.2	28.4	85			6.4	0	0	8	11	8	0									
PEARLS AIRPORT	22	08	80.4	76.4	29.3	83	1011.9	8.3	4.0	0	8	14	7	1	0	0	0	0	0	0	0	8	22
		14	81.8	77.1	29.9	81	1010.2	8.5	4.0	0	11	10	8	1	0	0	0	1	0	0	0	1	28
BARBADOS																								
HUSBANDS CMI	370	08	79.1	74.3	26.9	79	1013.6	8.8	5.2	0	7	5	18	0	0	0	0	0	0	0	0	0	0	30
		14	81.5	74.1	25.5	69	1011.2	11.0	5.4	0	1	12	17	0	0	0	0	0	0	1	0	0	29
SEAWELL AIRPORT	183	02	77.5	74.8	28.3	88	1011.2	8.7	3.6	0	13	11	5	1	0	0	0	0	0	0	0	0	0	30
		08	80.3	76.0	28.7	81	1013.2	11.5	5.0	0	4	12	14	0	0	0	0	0	0	0	0	1	29
		14	82.1	76.4	28.5	76	1011.0	12.8	5.2	0	2	14	11	3	0	0	0	0	0	0	0	1	29
		20	78.6	75.4	28.5	85	1012.6	8.5	3.7	1	10	12	7	0	0	0	0	0	0	0	0	1	29
ST.VINCENT																								
CAMDEN PARK	15	08	83.1	76.5	28.1	73	1011.6																	
		16	84.4	77.2	28.1	71																		

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0—440	440—1,100	1,100—2,200	miles: 1¼—2	2—3	3—5	5—10	10 or more
ST.LUCIA																							
ROSEAU WINBAN		09	82.6	76.3	28.1	73																	
VIGIE AIRPORT		08	81.0	74.7	26.7	74	1013.6	4.9	3.0	0	11	17	1	0	0	0	0	0	0	0	0	0	29
		14	83.8	75.4	26.4	67	1011.1	9.0	4.3	0	2	24	3	1	0	0	0	0	0	0	0	2	28
DOMINICA																							
ROSEAU CLF	220	09	82.4	74.8	26.1	69																	
MONTSERRAT																							
GROVE	130	08	80.3	73.3	24.9	71			3.1	0	13	13	4	0	0								
		16	82.2	74.2	25.3	67			1.9	0	24	6	0	0	0								
ANTIGUA																							
COOLIDGE AIRPORT	26	08	79.5	73.8	25.8	75	1014.0	8.6	3.5	0	11	11	8	0	0	0	0	0	0	0	0	0	30
		14	82.6	74.4	25.4	67	1012.7	10.5	3.4	0	11	14	5	0	0	0	0	0	0	0	0	1	29
		20	77.9	72.8	25.3	78	1013.8	8.8	2.8	0	16	11	3	0	0	0	0	0	0	0	0	0	30
ST.KITTS																							
GOLDEN ROCK APT		08	79.5	73.6	25.7	75	1014.7	6.6	4.2	0	3	23	4	0	0	0	0	0	0	0	0	0	30
		14	83.2	74.2	25.1	65	1012.9	7.6	3.9	0	8	15	6	0	0	0	0	0	0	0	0	0	29
JAMAICA																							
BODLES	60	07	71.9	70.7	25.3	95																	
		13	84.4	75.2	25.9	64																	
CAENWOOD		08	77.9	75.5	29.5	93																	
		16	79.4	77.6	28.2	82																	
CEDAR VALLEY	1980	07	66.3	65.5	21.1	90																	
CEDAR VALLEY	1980	13	77.1	71.3	23.7	75																	
CINCHONA GARDENS	4900	07	61.8	60.0	16.8	75																	
		16	64.0	62.5	18.8	93																	
DALLAS	950	09	75.9	73.1	26.6	87																	
		15	78.4	74.3	27.1	82																	
DUCKENFIELD	160	08	77.8	74.9	28.3	87																	
EAST ALBION	90	07	76.0	71.6	24.6	80																	
		13	84.4	75.4	25.9	64																	
EMPIRE NURSERY	2130	07	64.6	63.9	19.9	90																	
		13	77.5	71.4	23.4	73																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	1¼—2	2—3	3—5	5—10	10 or more
JAMAICA																							
FARM HILL	4020	07	62.3	60.3	19.6	88																	
HALLS DELIGHT	3020	07	70.1	65.1	19.0	76																	
		13	71.7	67.0	21.3	80																	
HOPE GARDENS	710	07	67.1	63.9	18.9	83																	
IRWIN	80	08	77.4	75.2	28.8	90																	
IRWIN	80	15	82.4	77.0	29.2	77																	
KINGSTON	90	07	74.1	71.5	25.2	88																	
		13	83.0	76.0	27.6	72																	
MARSHALLS PEN	2300	07	67.5	65.1	20.3	88		2.7	4.8	0	9	7	7	7	0								
		13	77.1	71.2	23.7	75		6.0	5.8	0	3	5	17	5	0								
MONTEGO BAY APT	3	01	72.6	70.3	24.4	89	1012.7	1.6	3.8	0	14	6	8	2	0	0	0	0	0	0	0	0	30
		07	72.6	69.6	23.7	87	1012.9	1.9	5.7	0	3	6	19	2	0	0	0	0	0	0	0	0	30
		13	81.0	74.2	26.5	73	1012.5	10.6	4.9	0	8	7	12	3	0	0	0	0	0	0	0	0	30
		19	75.2	72.3	26.0	87	1012.5	2.6	4.9	0	7	8	12	3	0	0	0	0	0	0	0	0	30
MORANT POINT L.H.	6	01	79.1	75.6	28.7	85		8.8	4.4	0	5	16	6	3	0	0	0	0	0	0	0	0	30
MORANT POINT L.H.	6	07	79.3	75.6	28.7	84		11.3	4.9	0	3	13	9	5	0	0	0	0	0	0	0	0	30
		13	83.3	78.2	30.7	79		10.5	4.7	0	5	14	8	3	0	0	0	0	0	0	0	0	30
		19	80.4	76.4	29.3	83		9.7	4.1	1	12	6	5	6	0	0	0	0	0	0	0	0	30
NEGRIL POINT L.H.	27	07	74.3	71.7	25.4	88	1012.4	1.7	5.0	0	9	6	7	8	0	0	0	0	0	0	0	0	30
		13	85.2	77.0	28.3	69	1011.9	6.4	5.4	0	4	9	11	6	0	0	0	0	0	0	0	0	27
NEGRIL POINT L.H.	27	19	78.5	74.5	27.6	83	1011.4	3.6	4.9	1	9	3	9	8	0	0	0	0	0	0	0	0	30
ORANGE RIVER	980	08	72.6	71.1	25.3	93																	
		16	76.8	72.7	25.7	82																	
PALISADOES APT	9	01	78.5	72.9	25.6	77	1012.4	1.2	3.5	4	10	5	9	2	0	0	0	0	0	0	0	0	30
		07	78.1	72.3	24.9	76	1012.6	1.5	4.6	0	9	9	7	5	0	0	0	0	0	0	0	0	30
PALISADOES APT	9	13	84.3	75.0	26.3	65	1011.9	6.2	5.5	0	5	6	13	6	0	0	0	0	0	0	0	1	29
		19	80.7	74.3	26.6	74	1012.0	2.7	4.4	1	8	9	8	4	0	0	0	0	0	0	0	0	30
SMITHFIELD	925	08	75.9	71.9	24.8	81																	
WORTHY PARK	1250	07	68.6	67.4	22.4	94																	
		15	79.0	73.4	25.9	77																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0–440	440–1,100	1,100–2,200	miles: 1/4–2	2–3	3–5	5–10	10 or more
BR. HONDURAS																							
BELIZE AIRPORT	17	06	71.6	71.0	25.8	98	1013.3	4.0	6.5	0	2	2	20	5	0	1	0	0	1	1	1	12	13
		12	81.0	75.1	27.1	75	1013.4	7.2	6.6	0	1	4	18	7	0	0	0	0	0	2	2	0	26
		18	77.8	74.2	27.2	84	1012.0	4.7	4.8	0	9	6	12	3	0	0	0	0	0	0	1	3	26
GUYANA																							
BARTICA POTARO RD.	400	08	77.1	75.4	29.3	92																	
		14	87.2	77.0	27.1	61																	
EBINI	94	08	77.1	75.0	28.7	90	1012.2	4.3	7.1	0	0	0	27	3	0	0	0	0	0	1	0	16	13
		14	85.8	75.8	25.9	61	1008.2	7.6	6.8	0	0	2	28	0	0	0	1	0	0	0	1	7	21
GEORGETOWN B.G.	7	08	80.2	76.4	29.4	84	1012.[illegible]	4.5	6.1	0	1	9	17	3	0	0	0	0	0	0	1	5	24
GEORGETOWN B.G.	7	14	83.1	77.2	29.2	75	1009.9	7.3	6.0	0	2	6	20	2	0	0	0	0	0	0	0	5	25
KOSORORO		08	77.0	75.4	29.3	92																	
		14	80.0	76.3	29.4	84																	
KAMARANG	1625	08	70.2	69.2	23.9	95	1015.4	0.0	6.8	0	0	2	20	8	0	0	0	0	0	0	1	15	14
		14	81.4	73.1	24.1	66	1010.3	1.8	6.3	0	0	3	27	0	0	0	0	0	0	0	0	0	30
LETHEM		08	79.5	74.6	27.1	79	1013.3	8.7	5.9	0	0	14	10	6	0	0	0	0	0	0	1	6	23
		14	89.	76.7	25.9	55	1009.8	9.6	5.8	0	0	11	15	4	0	0	0	0	0	0	0	5	25
MABARUMA	168	08	76.0	74.7	28.7	94	1011.5	1.3	5.0	0	6	12	8	4	0	0	2	1	0	0	3	5	19
		14	79.9	75.9	28.7	82	1010.0	3.9	6.7	0	0	4	20	6	0	0	0	1	0	0	9	11	9
MATTHEWS RIDGE		08	74.8	73.6	27.7	94																	
MATTHEWS RIDGE		14	81.3	78.6	32.3	88																	
NAZARUNI	47	08	77.4	75.4	29.1	91																	
		14	81.7	76.3	28.6	78																	
MON REPOS		08	80.6	74.2	26.0	73																	
		14	83.6	75.1	26.0	66																	
NEW AMSTERDAM	3	08	80.9	76.6	29.3	81																	
		14	86.1	78.2	29.4	69																	
PORT KAITUMA		08	75.7	74.2	28.3	93																	
		14	83.3	77.6	29.7	76																	
TIMEHRI AIRPORT	100	02	72.9	72.8	27.4	99	1009.9	0.1	5.3	0	6	6	16	1	1	2	1	0	0	0	1	15	11
TIMEHRI AIRPORT	100	08	78.1	76.0	29.7	91	1012.0	1.9	6.5	0	0	6	16	8	0	0	0	0	0	0	3	7	20
		14	83.2	77.1	29.0	75	1009.2	6.2	6.9	0	0	3	21	6	0	0	0	0	1	0	2	6	21
		20	75.0	74.4	28.7	97	1010.6	1.7	6.1	0	1	7	17	5	0	0	0	0	0	0	0	9	21
TIMEHRI C.H.S.		08	77.7	75.9	29.8	92																	
		14	83.1	77.2	29.3	76																	
WAUNA		08	75.9	75.0	29.3	96		2.1	5.0	0	0	16	8	2	0	0	0	2	0	0	4	18	2
		14	79.9	76.4	29.6	85		3.4	6.4	0	0	3	18	4	0	0	0	0	2	1	0	7	15

TABLE II SUMMARY OF DAILY OBSERVATIONS NOVEMBER 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
TRINIDAD																	
CENTENO	12.01	2.07	18	17	11	3	85.2	70.3	77.8	88	66		151.1				
PIARCO AIRPORT	11.06	2.23	18	15	11	3	85.7	71.3	78.5	88	68		179.6	2	1	0	0
ST.AUGUSTINE UWI	6.80	1.22	25	18	6	1	86.0	70.2	78.1	89	69	68.7	184.7	4	0	0	0
TOBAGO																	
CROWN POINT APT	7.71	1.75	21	17	6	3	85.0	71.9	78.5	87	70	69.7	209.6	8	0	0	0
LOUIS D'OR	6.21	1.00	22	22	3	1	84.4	74.4	79.4	86	71		198.5				
GRENADA																	
MIRABEAU							83.4	72.5	78.0	85	68		219.2				
PEARLS AIRPORT	11.26	3.35	6	18	7	2	84.7	74.6	79.7	86	70						
BARBADOS																	
HUSBANDS CMI	7.74	3.45	8	11	6	2	84.7	72.0	78.4	87	67		238.8	2	0	0	0
SEAWELL AIRPORT	12.16	3.22	17	13	7	4	84.7	76.6	80.7	86	71		250.9				
ST.VINCENT																	
CAMDEN PARK	7.19	2.98	7	13	4	3	86.7	72.2	80.0	88	70		243.4				
ST.LUCIA																	
ROSEAU WINBAN	5.11	1.50	6	10	4	3	85.2	70.4	77.8	87	65		263.4				
VIGIE AIRPORT	6.26	2.03	22	13	5	2	85.8	71.9	78.9	88	68						
DOMINICA																	
ROSEAU CLF	.63	.21	9	6	0	0	85.9	74.3	80.1	89	72		267.8				
MONTSERRAT																	
GROVE	1.95	.82	15	12	1	0	86.2	73.9	80.2	89	69		247.4				

TABLE II SUMMARY OF DAILY OBSERVATIONS NOVEMBER 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
ANTIGUA																	
COOLIDGE APT	1.53	.88	6	6	1	0	84.4	73.5	79.0	86	84						
DUNBARS	3.74	1.03	7	9	2	2	85.5	73.6	79.6	87	72						
ST.KITTS																	
CAINES	2.50	1.12	26	7	3	1											
CUNNINGHAM	1.02	.37	14	6	0	0											
NEEDSMUST	2.11	1.10	1	10	1	1	86.8	72.7	79.8	89	69						
WEST FARM	1.28	.60	15	5	1	0											
BR. VIRGIN ISLANDS																	
PARAQUITO BAY	2.68	.59	1	12	2	0	84.8	72.0	78.4	87	65		309.6				
JAMAICA																	
BODLES	5.46	1.35	12	12	4	2	82.5	66.3	75.8	92	63		214.8				
CAENWOOD	18.29	7.52	12	14	7	3	81.8	74.0	77.9	84	71	71.5					
CEDAR VALLEY	10.80	4.76	12	15	6	3	78.8	55.4	67.1	84	49						
CINCHONA GARDENS	16.81	9.95	12	15	8	3	68.3	56.4	62.4	72	53						
DALLAS	5.43	2.76	12	10	4	2	79.3	66.1	72.7	85	62						
DUCKENFIELD	22.43	9.57	12	20	9	4	84.3	70.3	77.3	88	67	64.0	177.9				
EAST ALBION	7.08	2.29	12	10	7	2	86.6	71.1	78.9	90	69						
EMPIRE NURSERY	7.24	4.40	12	11	3	1	78.9	61.8	70.4	83	56						
FARM HILL	2.91	.70	1	8	5	0	75.0	60.5	67.8	77	59						
FROME	3.82	1.06	5	10	4	1	88.1	69.0	78.6	91	65		163.4				
HALLS DELIGHT	8.52	5.57	12	11	2	2	76.6	62.3	69.5	81	61						
HOPE GARDENS	5.60	3.41	8	12	2	1	85.1	58.3	71.7	88	56						
IRWIN	8.18	2.70	11	9	6	4	87.4	68.7	78.1	91	66						
KINGSTON	2.97	1.48	12	8	3	1	85.4	72.5	79.0	88	69						
MARSHALLS PEN	3.80	1.00	15	9	3	1	77.8	63.5	70.7	83	60	60.8					
MONTEGO BAY APT	7.95	4.45	11	8	5	2	85.2	72.1	78.7	88	66		185.3	3	0	0	0
MORANT POINT L.H.	20.13	11.62	12	12	6	3	84.8	73.5	79.2	87	69			1	0	0	0

TABLE II SUMMARY OF DAILY OBSERVATIONS NOVEMBER 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
JAMAICA																	
NEGRIL POINT L.H.	2.61	.63	15	11	1	0	86.7	72.3	79.5	92	70			17	0	0	0
PALISADOES APT	4.06	1.81	12	6	3	1	86.3	75.0	80.7	89	72		184.3				
SMITHFIELD	8.62	3.27	11	14	7	2	81.9	69.4	75.7	85	66		160.4				
WORTHY PARK	5.43	1.96	12	10	4	2	82.8	64.7	73.8	87	60		203.3				
BR. HONDURAS																	
BELIZE AIRPORT	13.76	5.26	20	15	7	5	83.9	70.8	77.4	88	64			6	2	0	0
GUYANA																	
BARTICA POTARO RD.	5.69	2.25	9	11	4	2	90.6	70.8	80.7	93	68						
EBINI	3.36	.99	29	11	3	0	89.5	71.7	80.6	92	70		173.9	11	3	0	0
GEORGETOWN BG	12.06	2.70	13	14	8	5	85.4	74.7	80.1	88	71	69.6	192.1	7	0	0	0
HOSORORO	14.38	2.08	5	23	13	4	85.6	71.9	78.8	90	70						
KAMARANG	9.12	1.72	14	14	7	4	83.5	67.8	75.7	87	64	66.2	156.9	15	0	0	0
LETHEM	3.74	1.14	19	7	4	2	91.1	73.0	82.1	94	70			7	0	0	0
MABARUMA	13.61	1.55	24	26	12	6	84.9	70.2	77.6	92	68			14	1	0	0
MATTHEWS RIDGE	7.72	.89	25	20	9	0	86.8	70.6	78.7	90	68						
MAZARUNI	4.18	.86	5	12	4	0	88.1	72.7	80.4	89	70		163.4	1	6	0	0
MON REPOS	11.22	2.74	30	17	8	5	85.8	73.0	79.4	88	68		199.7				
NEW AMSTERDAM	2.92	1.20	23	10	2	1	87.4	73.7	80.6	89	71						
PORT KAITUMA	11.86	2.51	20	23	11	3	88.3	71.8	80.1	92	68			8	0	0	0
TIMEHRI AIRPORT	9.87	2.62	13	19	7	3	86.9	71.7	79.3	90	74			12	11	0	0
TIMEHRI C.H.S.	11.94	2.54	13	20	8	3	86.8	70.8	78.8	90	69						
WAUNA	15.34	1.94	21	25	13	5	85.4	69.5	77.5	89	67		105.9	17	5	0	0

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS NOVEMBER 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	41	106	4.51	.31	24										12843	566	149
PIARCO AIRPORT	65	104	5.22	.35	12												
ST.AUGUSTINE UWI			2.98	.20	12												
TOBAGO																	
CROWN POINT APT	51	84	5.33	.30	5												
LOUIS D'OR	9	24	4.90	.28	1												
GRENADA																	
MIRABEAU	51	90															
BARBADOS																	
HUSBANDS CMI	105	257				88.9	70.6	97	1	67							
ST.VINCENT																	
CAMDEN PARK	73	108													14478	662	287
DOMINICA																	
ROSEAU CLF	75	113	6.20	.35	26										14087	582	382
MONTSERRAT																	
GROVE	108	150	7.98	.39	21										14832	604	310
ST.KITTS																	
CUNNINGHAM			5.48	.36	15												
BR.VIRGIN ISLANDS																	
PARAQUITO BAY	82	109	6.05	.26	14										14161	566	319
JAMAICA																	
BODLES	33	51	3.07	.22	11										13754	599	228
CEDAR VALLEY	23	36	4.42M	.51	7												
DUCKENFIELD			3.30M	.16	9												

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS NOVEMBER 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
JAMAICA																	
EAST ALBION	4	30															
EMPIRE NURSERY	12	32															
FARM HILL	15	95	2.18	.09	2												
FROME			3.54	.25	28												
HALLS DELIGHT	15	38															
MONTEGO BAY APT	80	201	6.43M	.28	3												
NEGRIL POINT L.H.			3.40	.17	23												
PALISADOES APT	80	169															
SMITHFIELD	56	93	3.27	.19	6	83.4	69.4	89	8	68	80.1	71.1	84	70			
WORTHY PARK	30	68	4.51	.18	10												
GUYANA																	
EBINI	49	76	6.02	.30	7						93.9	80.0	99	77			
GEORGETOWN B.G.	59	92	4.69M	.25	10												
KAMARANG	31	71	5.31	.53	14												
TIMEHRI C.H.S.	41	68															
WAUNA	9	25	4.08	.30	20	90.5	74.9	97	21	72	86.3	76.1	90	74			

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS NOVEMBER 1971

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO		.68	.92	1.56	2.07	2.07	2.07	2.07
PENAL	.32	.44	.59	.68	.97	1.06	1.91	1.91
PIARCO AIRPORT	.43	.67	.91	1.53	2.23	2.23	2.23	2.23
ST.AUGUSTINE UWI		.26	.40	.43	.61	.78	.87	.87
TOBAGO								
CROWN POINT APT	.21	.40	.47	.62	.80	.82	1.54	1.54
LOUIS D'OR	.24	.28	.29	.35	.37	.54	.62	.73
BARBADOS								
HUSBANDS CMI	.30	.56	.74	1.14	1.71	1.98	3.45	3.45
SEAWELL AIRPORT		.46	.66	1.04	1.74	2.81	3.10	3.10
MONTSERRAT								
GROVE	.30	.30	.30	.30	.32	.33	.77	.81
JAMAICA								
PALISADOES APT	.20	.20	.20	.32	.60	.64	.98	1.67
SMITHFIELD	.36	.53	.65	1.00	1.24	2.32	2.72	3.26
GUYANA								
EBINI	.23	.45	.65	.88	.90	.90	.94	.94
GEORGETOWN B.G.	.39	.48	.59	.66	.80	1.41	2.48	2.70
KAMARANG	.65	.97	1.19	1.49	1.58	1.59	1.59	1.59
LETHEM	.20	.26	.34	.60	.68	.69	1.00	1.00
MATTHEWS RIDGE	.36	.48	.50	.83	.86	.87	.89	.95
NEW AMSTERDAM	.22	.37	.44	.44	.62	.62	.80	1.43
TIMEHRI AIRPORT	.24	.45	.62	.85	1.28	1.47	2.43	2.74
WAUNA	.31	.61	.99	1.74	1.91	1.91	1.91	1.93

TABLE V – SUMMARY OF WINDSPEED RECORDS NOVEMBER 1971

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	09	14	12	3	06	29	1150	5	0	0	0	3.6
TOBAGO												
CROWN POINT APT	13	18	13	23	14	29	1215	6	0	0	0	5.5
BARBADOS												
HUSBANDS CMI	10	17	12	11	10	37	1410	6	1	0	0	7.5
ANTIGUA												
COOLIDGE APT	12	15	19	3	11	25	1850	3	0	0	0	8.6
GUYANA												
EBINI	05	13	14	11	07	27	1315	11	0	0	0	3.9
GEORGETOWN O.R.R.	04	19	16	20	07	37	0925	13	1	0	0	9.7
KAMARANG	06	11	18	23	13	26	1505	14	0	0	0	1.2

TABLE VI - SUMMARY OF SUNSHINE RECORDS NOVEMBER 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	6-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12
TRINIDAD																								
CENTENO	0	4	48	72	56	59	61	55	48	41	35	21	4	0	151.1	43	10.4	30	0	9	11	9	1	0
PIARCO AIRPORT	0	13	63	72	62	66	67	60	54	45	43	39	14	0	179.6	53	10.8	30	2	5	8	8	7	0
ST.AUGUSTINE UWI	0	12	69	81	72	68	60	64	59	49	50	33	0	0	184.7	53	10.3	12	1	4	6	13	6	0
TOBAGO																								
CROWN POINT APT	0	14	53	66	73	76	75	70	66	65	67	56	17	0	209.6	60	11.1	9	2	2	7	7	12	0
LOUIS D'OR	0	6	48	66	71	78	75	67	70	67	65	48	1	0	198.5	57	10.3	12	1	4	7	11	7	0
GRENADA																								
MIRABEAU	0	17	70	83	84	84	85	81	77	62	55	30	2	0	219.2	63	10.0	30	0	3	2	20	5	0
BARBADOS																								
HUSBANDS CMI	0	34	72	69	78	83	84	85	74	69	75	65	9	0	238.8	69	10.7	12	0	1	7	9	13	0
SEAWELL AIRPORT	0	14	64	81	82	94	93	86	83	77	72	70	22	0	250.9	72	11.2	24	0	0	8	5	17	0
ST.VINCENT																								
CAMDEN PARK	0	0	38	85	89	89	87	85	79	79	84	73	24	0	243.4	70	10.2	3	0	2	4	8	16	0
DOMINICA																								
ROSEAU CLF	0	5	77	96	91	93	97	94	91	84	77	72	15	0	267.8	78	11.0	24	0	0	2	12	16	0
MONTSERRAT																								
GROVE	0	3	45	63	86	89	93	93	92	91	89	70	10	0	247.4	73	10.2	20	0	0	3	18	9	0
JAMAICA																								
BODLES	0	7	60	76	67	72	79	78	79	67	58	33	6	0	214.8	60	10.7	28	2	3	3	12	10	0
DUCKENFIELD	0	0	40	64	70	72	71	64	56	58	56	41	0	0	177.9	53	9.9	6	2	3	9	12	4	0
FROME	0	5	52	63	76	80	72	56	55	36	28	20	1	0	163.4	48	9.5	3	1	5	12	11	1	0
MONTEGO BAY APT	0	2	49	59	76	77	72	74	62	54	46	39	6	0	185.3	55	10.2	6	2	5	8	5	10	0
SMITHFIELD	0	22	54	53	63	73	65	53	53	40	28	26	6	0	160.4	47	10.1	8	1	8	7	10	4	0
GUYANA																								
EBINI	0	4	28	42	57	65	69	70	66	57	49	48	24	0	173.9	49	10.6	4	0	6	10	7	7	0
GEORGETOWN B.G.	0	1	50	57	73	78	82	74	71	64	50	35	4	0	192.1	54	10.0	28	0	4	9	12	5	0
KAMARANG	0	0	11	28	43	61	62	63	76	64	54	50	10	0	156.9	44	7.4	6	0	2	19	9	0	0
MAZARUNI	0	1	19	53	71	83	76	68	61	52	37	23	0	0	163.4	46	9.1	15	0	3	15	11	1	0
MON REPOS	0	10	47	63	70	80	82	79	71	66	50	40	10	0	199.7	56	10.9	28	0	4	6	14	6	0
WAUNA	0	7	39	58	50	48	39	35	28	19	17	11	4	0	105.9	30	6.9	29	0	12	14	4	0	0

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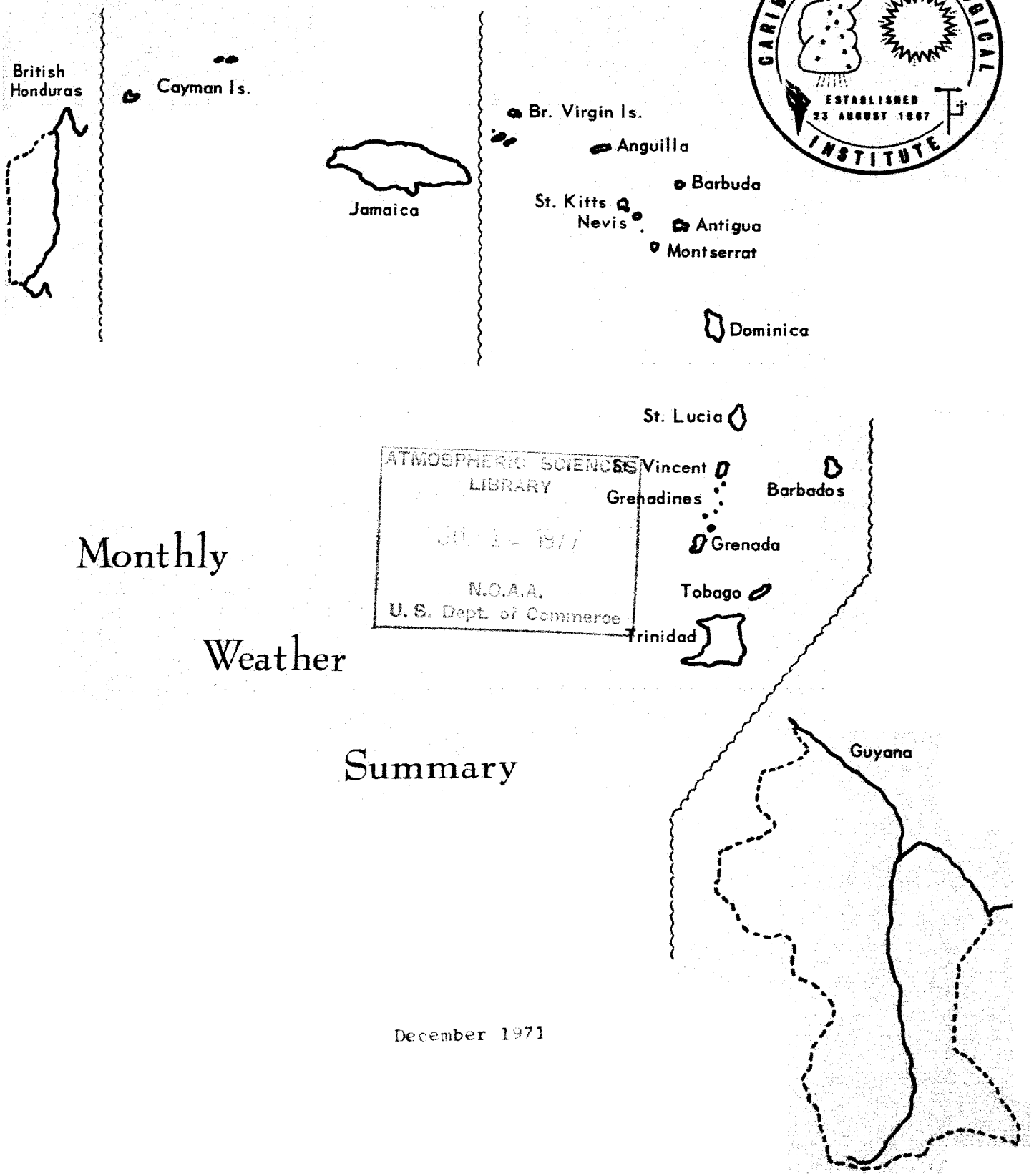

CARIBBEAN METEOROLOGICAL INSTITUTE
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Monthly Weather Summary

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December 1971

MONTHLY WEATHER SUMMARY

Prepared and published by the
Caribbean Meteorological Institute,
Husbands, St. James, Barbados, W.I.

December 1971

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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of Observations: 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards: 0-440	440-1,100	1,100-2,200	miles: 1/4-2	2-3	3-5	5-10	10 or more
TRINIDAD																							
CENTENO	50	08	74.7	72.7	26.4	90																	
PENAL	25	08	74.2	72.7	26.7	92																	
PIARCO AIRPORT	41	02	70.8	69.7	24.3	95	1011.9	0.2	2.5	8	12	3	8	0	0	0	0	0	0	0	0	3	28
		08	74.4	72.1	26.0	90	1013.0	0.7	3.6	0	14	7	9	1	0	0	0	0	0	0	1	1	29
		14	84.0	74.9	25.7	65	1011.5	10.0	5.0	0	5	12	11	0	0	0	0	0	0	0	1	3	27
PIARCO AIRPORT	41	20	75.1	72.7	26.3	89	1012.2	1.4	3.3	6	7	10	8	0	0	0	0	0	0	0	0	1	30
ST.AUGUSTINE UWI	52	08	76.4	72.7	25.8	83	1012.9		3.9	0	11	10	8	1	1								
		16	81.3	74.5	26.1	72	1010.7		5.5	0	1	11	18	1	0								
TOBAGO																							
CROWN POINT APT		02	74.3	71.3	24.8	86	1011.5	2.0	2.5	5	14	5	6	0	0	0	0	0	0	0	0	1	29
		08	78.8	73.8	26.2	78	1013.2	5.1	3.6	0	15	7	8	1	0	0	0	0	0	0	0	1	30
		14	82.6	75.3	26.7	70	1011.3	10.0	4.5	0	6	15	10	0	0	0	0	0	0	0	0	0	31
		20	75.9	72.2	25.4	83	1012.3	2.7	3.1	0	17	5	9	0	0	0	0	0	0	0	0	2	29
LOUIS D'OR		08	79.1	74.2	26.6	78																	
GRENADA																							
MIRABEAU	450	08	76.5	73.0	26.2	84			5.6	0	2	12	10	7	0								
		16	78.0	73.5	26.3	80			5.2	0	2	13	11	3	0								
PEARLS AIRPORT	22	08	78.8	74.4	27.1	81	1012.5	8.7	3.4	0	13	11	5	2	0	0	0	0	0	0	1	5	25
		14	81.1	75.8	28.0	77	1011.1	9.4	2.9	0	15	10	6	0	0	0	0	0	0	1	0	3	27
BARBADOS																							
HUSBANDS CMI	370	08	77.6	70.1	24.1	75	1014.2	8.8	4.2	0	10	8	12	1	0	0	0	0	0	0	0	0	31
		14	80.7	73.0	24.3	68	1011.7	11.6	5.9	0	1	10	16	4	0	0	0	0	0	0	0	0	31
SEAWELL AIRPORT	183	02	75.8	72.1	25.3	83	1012.1	9.3	3.4	0	14	11	3	3	0	0	0	0	0	0	0	2	29
		08	78.6	73.0	25.2	75	1013.7	12.1	3.5	0	11	14	6	0	0	0	0	0	0	0	0	1	30
		14	81.3	74.2	25.9	71	1012.0	14.2	4.4	0	4	18	9	0	0	0	0	0	0	0	1	1	29
		20	77.2	72.0	25.4	80	1013.1	9.6	3.3	0	14	11	5	1	0	0	0	0	0	0	0	1	30
ST.VINCENT																							
CAMDEN PARK	15	08	80.6	75.4	27.8	78	1011.6																
		16	82.3	76.5	28.6	76																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9*	VISIBILITY (No of Observations) yards 0-440	440-1,100	1,100-2,200	miles 1/4-2	2-3	3-5	5-10	10 or more
ST.LUCIA																							
ROSEAU WINBAN		09	79.4	74.4	26.8	78																	
VIGIE AIRPORT		08	77.4	72.2	24.8	77	1013.4	6.1	3.7	0	8	19	4	0	0	0	0	0	0	0	0	0	31
		14	81.0	73.7	25.2	70	1012.1	9.3	4.7	0	3	20	7	1	0	0	0	0	0	0	0	0	31
MONTSERRAT																							
GROVE		08	77.9	71.5	23.4	72			4.2	0	4	19	7	1	0								
		16	79.3	72.0	25.4	74			4.0	0	9	15	5	2	0								
ANTIGUA																							
COOLIDGE AIRPORT		08	77.5	71.3	23.5	73	1015.4	13.7	3.5	0	13	11	4	3	0	0	0	0	0	0	0	1	30
		14	80.6	73.0	24.3	68	1013.9	14.5	3.9	0	8	14	8	1	0	0	0	0	0	1	0	0	30
		20	76.1	70.9	23.4	76	1015.2	13.6	3.2	0	16	5	9	0	1	0	0	1	0	0	0	0	30
ST.KITTS/NEVIS																							
GOLDEN ROCK APT		08	76.8	71.1	23.5	75	1016.0	10.4	4.9	0	3	17	10	1	0	0	0	0	0	0	0	1	30
		14	80.2	72.8	24.2	69	1014.3	11.0	4.8	0	1	19	11	0	0	0	0	0	0	0	0	0	31
JAMAICA																							
BODLES	60	07	69.6	68.0	22.8	92																	
		13	84.8	74.7	25.0	61																	
CAENWOOD		08	76.2	74.7	28.8	94																	
		16	78.5	76.9	31.3	94																	
CEDAR VALLEY	1980	07	65.8	63.9	19.4	90																	
CEDAR VALLEY	1980	13	77.1	70.1	22.2	70																	
CINCHONA GARDENS	4900	07	59.8	57.4	14.9	85																	
		16	63.3	60.1	16.2	81																	
DALLAS	950	09	73.9	70.7	24.3	85																	
		15	81.2	73.5	25.0	69																	
DUCKENFIELD	160	08	77.7	73.3	26.1	81																	
EMPIRE NURSERY	2130	07	62.6	61.4	18.0	93																	
		13	79.3	69.9	20.9	61																	
FARM HILL	4020	07	61.8	59.4	16.2	86																	
HALLS DELIGHT	3020	07	69.4	64.0	18.2	74																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	miles 1¼—2	2—3	3—5	5—10	10 or more
JAMAICA																							
HALLS DELIGHT	3020	13	73.9	67.8	20.6	72																	
HOPE GARDENS	710	07	66.3	63.4	18.6	85																	
IRWIN	80	07	76.3	73.1	26.5	86																	
		13	82.9	75.1	26.3	89																	
KINGSTON	90	07	71.3	68.0	21.8	83																	
KINGSTON	90	13	84.7	74.9	25.3	62																	
MARSHALLS PEN	2300	07	65.1	61.6	16.5	78		3.8	2.7	1	18	8	4	0	0								
		13	79.0	70.2	20.9	62		4.7	4.4	0	6	12	13	0	0								
MONTEGO BAY APT	3	01	72.3	68.1	21.9	81	1014.6	2.6	2.1	0	22	6	3	0	0	0	0	0	0	0	0	0	31
		07	71.6	67.9	21.9	83	1014.7	3.2	4.0	0	12	8	10	1	0	0	0	0	0	0	0	1	30
MONTEGO BAY APT	3	13	80.8	72.5	24.2	67	1014.2	12.9	2.9	0	16	10	5	0	0	0	0	0	0	0	0	0	31
		19	74.8	69.8	22.9	78	1014.1	6.0	3.0	0	14	11	6	0	0	0	0	0	0	0	0	0	31
MORANT POINT L.H.	6	01	79.7	74.7	27.3	79		14.0	3.5	2	6	19	4	0	0	0	0	0	0	0	0	0	31
		07	79.2	74.6	27.2	80		14.1	4.3	0	3	17	11	0	0	0	0	0	0	0	0	0	31
		13	82.5	76.3	28.4	75		13.3	3.9	0	6	18	7	0	0	0	0	0	0	0	0	0	31
MORANT POINT L.H.	6	19	80.2	74.8	27.3	78		14.5	3.5	0	10	16	5	0	0	0	0	0	0	0	0	0	31
NEGRIL POINT L.H.	27	07	71.7	68.5	22.4	85	1014.1	2.5	2.2	1	20	7	1	1	0	0	0	0	0	1	0	0	29
		13	86.1	76.3	26.6	62	1013.2	6.9	3.7	0	8	17	5	0	0	0	0	0	0	0	0	0	30
		19	76.7	72.6	25.7	82	1013.1	2.2	3.4	3	13	5	1	7	0	0	0	0	0	0	0	0	29
ORANGE RIVER	980	08	71.4	69.6	24.0	91																	
ORANGE RIVER	980	16	76.9	73.6	26.8	85																	
PALISADOES APT	9	01	77.2	73.0	26.3	82	1014.1	0.6	1.8	4	21	1	4	0	0	0	0	0	0	0	0	0	30
		07	76.5	72.2	25.8	83	1014.2	0.2	2.2	0	23	4	4	0	0	0	0	0	0	0	0	0	31
		13	85.8	78.1	29.3	69	1013.2	7.2	3.7	0	12	9	10	0	0	0	0	0	0	0	0	0	31
		19	80.5	74.6	27.2	77	1013.4	3.8	2.5	0	21	8	1	1	0	0	0	0	0	0	0	0	31
SMITHFIELD	925	08	74.7	70.0	23.0	78																	
WORTHY PARK	1250	07	65.2	64.0	19.9	94																	
		15	78.7	74.8	27.6	82																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1971

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths) MEAN AMT	Number of Observations 0	1, 2	3-5	6, 7	8	9	VISIBILITY (No of Observations) yards 0—440	440—1,100	1,100—2,200	miles 1¼—2	2—3	3—5	5—10	10 or more
BR. HONDURAS																							
BELIZE APT	17	06	73.0	71.8	26.1	94	1014.2	3.5	4.7	0	10	5	8	2	4	4	1	0	0	0	0	5	19
		12	81.4	75.2	27.2	74	1014.8	8.9	4.9	0	8	6	15	1	0	0	0	0	0	0	0	0	30
		18	77.4	73.8	27.0	84	1013.4	5.1	3.5	0	15	5	10	0	0	0	0	0	1	0	0	1	28
GUYANA																							
EBINI	94	08	75.6	74.2	28.2	93	1012.5	1.8															
		14	81.3	73.2	25.7	70	1008.7	7.8															
GEORGETOWN BG		08	79.9	75.0	28.4	87	1012.6	3.0	6.0	0	2	7	19	2	0	0	0	0	0	0	0	14	16
		14	80.9	75.9	28.2	78	1010.7	7.4	6.5	0	1	4	21	4	0	0	0	0	0	0	0	10	20
HOSORORO		08	74.4	73.1	27.3	94																	
HOSORORO		14	79.1	75.1	28.0	83																	
KAMARANG	1625	08	69.6	68.5	23.2	94	1015.5	0.0	6.8	0	0	1	25	5	0	0	0	0	0	0	0	9	22
		14	78.5	72.2	24.2	73	1011.5	1.7	6.3	0	0	3	28	0	0	0	0	0	0	0	0	0	31
LETHEM	326	08	79.5	74.1	26.4	77	1013.3	11.5	4.6	0	2	18	9	2	0	0	0	0	0	0	0	1	30
		14	89.3	76.5	25.4	54	1010.0	10.3	5.1	0	0	18	13	0	0	0	0	0	0	0	0	0	31
MABARUMA	168	08	73.9	73.0	27.3	95	1011.0	1.4	6.1	0	4	6	11	10	0	0	2	2	0	0	7	10	10
		14	80.0	75.3	27.8	79	1010.6	2.7	6.8	0	0	4	22	4	0	0	0	0	1	0	4	12	13
MATTHEWS RIDGE		08	73.1	71.8	26.0	94																	
		14	81.5	77.0	29.7	81																	
MAZARUNI	47	08	75.4	73.6	27.6	92																	
MAZARUNI	47	14	78.5	75.0	28.2	85																	
MON REPOS		08	78.6	74.0	26.5	79																	
		14	81.9	75.2	27.0	73																	
NEW AMSTERDAM		08	78.5	75.3	26.5	80																	
		14	85.3	77.7	29.1	70																	
PORT KAITUMA		08	73.3	72.2	26.4	94																	
		14	80.1	75.9	28.7	80																	
ST.IGNATIUS		08	80.1	73.4	25.1	72																	
TIMEHRI AIRPORT	100	02	72.3	72.2	26.9	99	1010.3	0.3	4.4	2	8	6	14	1	0	0	0	0	0	0	1	17	13
		08	75.0	73.9	28.1	95	1012.3	1.0	5.6	0	4	5	22	0	0	0	0	0	0	0	3	8	20
TIMEHRI AIRPORT	100	14	80.5	76.1	28.8	81	1010.0	6.6	7.0	0	0	1	26	4	0	0	0	0	1	1	2	12	15
		20	74.2	73.7	28.0	97	1010.9	0.0	5.1	0	6	9	16	0	0	0	0	0	0	0	0	8	23
TIMEHRI CHS		08	75.3	74.1	28.3	95																	
		14	81.2	76.1	28.6	79																	
WAUNA		08	74.0	73.2	27.6	96		1.7	4.9	0	2	11	11	4	0	0	0	1	4	4	2	14	3
		14	80.0	76.1	29.0	83		5.6	5.4	0	0	6	21	1	0	0	0	0	0	0	2	4	22

TABLE II SUMMARY OF DAILY OBSERVATIONS DECEMBER 1971

COUNTRY STATION	RAINFALL (inches)						AIR TEMPERATURE °F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN						
TRINIDAD																	
CENTENO	3.49	.90	19	11	2	0	84.8	66.8	75.8	89	63		212.6				
PIARCO AIRPORT	4.47	1.14	27	10	4	1	86.1	68.3	77.2	90	65		235.0	1	3	0	0
ST.AUGUSTINE UWI	5.21	1.01	19	13	4	1	85.9	68.5	77.2	89	64	65.8	220.7	1	0	0	0
TOBAGO																	
CROWN POINT APT	3.57	.98	5	8	3	0	85.1	70.4	77.8	87	68	66.1	255.4				
LOUIS D'OR	8.94	2.37	29	16	6	3	83.9	72.5	78.2	86	68		258.9				
GRENADA																	
MIRABEAU	9.55	2.64	30	19	6	3	82.0	70.8	76.4	84	68		236.1				
PEARLS AIRPORT	8.21	1.99	28	18	4	3	83.2	73.7	78.5	84	68						
BARBADOS																	
HUSBANDS CMI	5.97	2.34	29	14	6	1	82.8	69.1	75.9	85	62		268.8	3	0	0	0
SEAWELL AIRPORT	4.78	1.47	30	11	3	2	83.4	74.5	78.9	86	70		275.7				
ST.VINCENT																	
CAMDEN PARK	5.70	1.66	31	14	5	1	85.2	69.7	77.4	87	67		249.4				
ST.LUCIA																	
ROSEAU WINBAN	11.63	2.48	22	19	8	3	82.2	68.3	75.2	84	61		217.3				
VIGIE AIRPORT	8.52	1.68	14	20	6	2	83.5	70.2	76.8	86	63						
MONTSERRAT																	
GROVE	9.39	2.50	22	21	6	2	82.4	73.2	77.8	86	68		196.8				

TABLE II SUMMARY OF DAILY OBSERVATIONS DECEMBER 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
ANTIGUA																	
COOLIDGE AIRPORT	8.59	5.80	22	14	3	1	82.7	72.4	77.5	85	65						
DUNBARS	11.45	7.50	22	17	4	1	83.8	71.1	77.4	87	67						
ST.KITTS/NEVIS																	
CAINES	4.72	.95	19	11	5	0											
CUNNINGHAM	4.43	1.04	22	15	3	1											
NEEDSMUST	5.80	1.65	23	12	5	2	85.6	72.1	78.8	89	66						
WEST FARM	5.75	1.83	23	16	5	1											
BR.VIRGIN ISLANDS																	
PARAQUITO BAY	3.00	.57	23	16	2	0	82.6	73.2	77.9	85	69		231.4				
JAMAICA																	
BODLES	1.49	.68	19	5	1	0	86.6	58.7	72.6	88	56		241.8				
CAENWOOD	5.82	.98	19	17	6	0	80.8	73.0	76.9	84	68	70.4					
CEDAR VALLEY	2.23	1.06	15	8	2	1	79.5	54.7	67.1	82	46						
CINCHONA GARDENS	3.55	.65	19	13	3	0	69.0	54.5	61.7	73	51						
DALLAS	.27	.10	23	3	0	0	81.4	62.2	71.8	85	59						
DUCKENFIELD	2.90	.55	22	15	2	0	83.7	70.7	77.2	86	62	65.6	231.2				
EMPIRE NURSERY	.56	.36	19	3	0	0	81.2	59.7	70.5	83	56						
FARM HILL	2.58	.39	20	12	0	0	71.8	60.0	65.9	75	58						
FROME	3.12	1.00	19	11	4	1	89.2	66.9	78.1	91	63		235.7				
HALLS DELIGHT	.59	.30	19	4	0	0	77.5	61.5	69.5	82	59						
HOPE GARDENS	1.32	.42	18	4	1	0	85.9			88							
IRWIN	.56	.30	13	4	0	0	87.4	66.4	76.9	91	63						
KINGSTON	.21	.11	19	2	0	0	87.1	70.3	78.7	89	68						
MARSHALLS PEN	1.84	1.53	18	2	1	1	79.2	62.4	70.9	84	57	55.8					
MONTEGO BAY APT	.73	.39	18	4	0	0	84.7	71.7	78.2	89	69		254.0	1	0	0	0
MORANT POINT L.H.	2.05	.48	20	9	2	0	84.2	75.3	79.8	85	67						

TABLE II SUMMARY OF DAILY OBSERVATIONS DECEMBER 1971

COUNTRY STATION	RAINFALL (inches) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN .04"	.40	1.00	AIR TEMPERATURE °F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
JAMAICA																	
NEGRIL POINT L.H.	5.16	1.68	3	10	4	1	88.1	69.5	78.8	92	56						
ORANGE RIVER	6.42	2.45	19	14	3	1	80.8	62.9	71.9	83	60		233.4				
PALISADOES							87.4	72.5	79.9	90	70		208.8				
SMITHFIELD	1.15	1.04	6	2	1	1	81.1	69.2	75.2	83	65		255.8				
WORTHY PARK	1.04	.34	26	8	0	0	82.3	61.3	71.8	85	55						
BR. HONDURAS																	
BELIZE AIRPORT	3.50	.63	18	14	2	0	83.3	71.7	77.5	87	67			0	6	0	0
GUYANA																	
EBINI	5.51	1.42	3	15	5	1	87.6	70.3	78.9	90	69		164.4	15	3	0	0
GEORGETOWN BG	17.63	3.41	1	22	12	6	83.1	72.7	77.9	85	70	68.7	133.0	6	0	0	0
HOSORORO	16.54	1.95	17	28	15	6	83.2	70.8	77.0	86	69						
KAMARANG	7.69	1.24	12	24	6	1	81.0	67.4	74.2	84	66	66.2	117.8	5	0	0	0
LETHEM	.04	.04	26	1	0	0	91.5	72.8	82.1	94	67						
MABARUMA	17.70	2.01	17	27	16	6	83.5	69.1	76.3	87	67			7	5	0	0
MATTHEWS RIDGE	9.23	1.44	20	25	9	2	86.4	70.0	78.2	91	68						
MAZARUNI	9.46	1.10	8	23	9	1	86.8	74.9	80.9	88	73		122.2	2	7	0	0
MON REPOS	12.35	2.19	1	23	11	3	84.0	72.5	78.2	87	67		139.0				
NEW AMSTERDAM	6.64	1.70	24	17	6	1	86.6	73.2	79.9	89	71						
PORT KAITUMA	14.21	1.83	27	28	13	4	83.9	70.0	77.0	88	68			6	0	0	0
TIMEHRI APT	10.96	1.47	24	29	9	4	84.1	70.9	77.5	88	69			9	8	0	0
TIMEHRI C.H.S	12.53	1.34	26	27	13	4	84.2	70.2	77.2	89	68						
WAUNA	11.63	1.17	29	24	12	3	83.4	69.4	76.4	87	67		96.2	6	9	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS DECEMBER 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F At 2 inch depth					SOIL TEMPERATURES °F At 4 inch depth				TOTAL RADIATION (langleys)		
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	EXTREMES MAX	EXTREMES DATE	EXTREMES MIN	MEAN MAX	MEAN MIN	EXTREME MAX	EXTREME MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
TRINIDAD																	
CENTENO	44	77	5.04	.26	3										13511	563	205
PIARCO AIRPORT	63	82	6.17	.27	6												
ST.AUGUSTINE UWI			3.27	.17	4												
TOBAGO																	
CROWN POINT APT	38	72	6.10	.29	25												
LOUIS D'OR	9	36	6.40	.45	29												
GRENADA																	
MIRABEAU	40	88															
BARBADOS																	
HUSBANDS CMI	87	158	6.34M	.43	20	88.2	68.4	93	1	65							
ST.VINCENT																	
CAMDEN PARK	80	118													15881	651	327
MONTSERRAT																	
GROVE	152	263	7.31	.35	9										12874	554	168
ST.KITTS/NEVIS																	
CUNNINGHAM			5.70M	.35	6												
NEEDSMUST											72.1	70.1	75	68			
WEST FARM			6.18M	.48	20												
BR.VIRGIN ISLANDS																	
PARAQUITO BAY	127	167	6.44	.29	14										11761	571	176
JAMAICA																	
BODLES	37	65	4.14	.22	16										14198	616	355
CEDAR VALLEY	33	45	3.76	.25	20												
DUCKENFIELD			4.08	.20	7												

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS DECEMBER 1971

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch depth					At 4 inch depth						
								EXTREMES					EXTREME				
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	MEAN MAX	MEAN MIN	MAX	DATE	MIN	MEAN MAX	MEAN MIN	MAX	MIN	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
JAMAICA																	
EMPIRE NURSERY	15	25	2.65	.18	1												
FARM HILL	20	158	1.93	.09	5												
FROME			4.32	.32	17												
HALLS DELIGHT	36	81															
MONTEGO BAY APT	136	240	7.65	.36	27												
ORANGE RIVER	19	47													15585	693	313
PALISADOES APT	74	128	6.80M	.44	10												
SMITHFIELD	67	97	4.42	.22	21	83.1	67.7	85	1	66	79.3	69.0	81	63			
WORTHY PARK	55	131	4.83	.19	27												
GUYANA																	
EBINI	44	106	5.56	.24	13						90.5	78.4	94	77			
GEORGETOWN BG	49	80															
KAMARANG	33	51	4.12	.27	8												
WAUNA	15	46	3.78	.40	2	87.7	74.5	92	7	73	94.4	75.8	88	75			

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS DECEMBER 1971

COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO		.32	.42	.52	.72	.83	.83	.83
PENAL	.30	.30	.30	.40	.49	.49	.71	.75
PIARCO AIRPORT	.24	.43	.59	.97	1.13	1.13	1.13	1.13
ST.AUGUSTINE UWI		.25	.33	.50	.55	.79	.79	.79
TOBAGO								
CROWN POINT APT	.24	.39	.49	.79	.87	.92	.98	.98
LOUIS D'OR	.40	.48	.60	.98	1.37	1.37	1.89	1.98
BARBADOS								
HUSBANDS CMI	.34	.46	.51	.55	.57	.74	1.04	1.68
SEAWELL AIRPORT	.16	.20	.26	.32	.63	1.09	1.20	1.43
MONTSERRAT								
GROVE	.40	.52	.79	.98	1.54	2.09	2.19	2.40
JAMAICA								
HALLS DELIGHT	.03	.05	.07	.08	.10	.12	.17	.30
SMITHFIELD	.24	.27	.51	.88	.90	1.03	1.04	1.04
GUYANA								
EBINI	.24	.41	.54	.72	.99	1.07	1.17	1.20
GEORGETOWN BG	.50	.76	1.01	1.59	2.32	2.96	3.36	3.36
KAMARANG	.14	.20	.26	.38	.60	.72	1.20	1.24
LEHTEM	.01	.02	.02	.03	.04	.04	.04	.04
MATTHEWS RIDGE	.32	.44	.49	.50	.85	.90	1.29	1.44
NEW AMSTERDAM	.22	.27	.30	.42	.48	.55	1.06	1.24
TIMEHRI APT	.25	.38	.45	.57	.90	1.15	1.50	1.51
WAUNA	.44	.72	.73	.77	.77	.97	1.07	1.13

TABLE V – SUMMARY OF WINDSPEED RECORDS DECEMBER 1971

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PIARCO AIRPORT	08	14	27	5	11	29	1350	5	0	0	0	4.0
TOBAGO												
CROWN POINT APT	12	16	13	6	09	29	1455	5	0	0	0	5.7
BARBADOS												
HUSBANDS CMI	09	17	11	17	08	30	1750	22	0	0	0	8.4
ANTIGUA												
COOLIDGE AIRPORT	10	23	04	22	11	47	0340	22	4	0	0	13.4
GUYANA												
EBINI	04	13	16	1	04	28	1545	20	0	0	0	3.7
GEORGETOWN O.R.R.	35	22	19	13	05	31	0640	25	0	0	0	9.7
KAMARANG	06	11	18	26	10	16	1540	31	0	0	0	1.3

TABLE VI - SUMMARY OF SUNSHINE RECORDS DECEMBER 1971

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	6-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12
TRINIDAD																								
CENTENO	0	6	42	68	74	79	82	74	68	70	65	47	12	0	212.6	60	10.9	15	0	4	8	11	8	0
PIARCO AIRPORT	0	23	79	77	80	84	83	75	67	68	64	46	13	0	235.0	66	10.9	3	0	2	6	12	11	0
ST.AUGUSTINE UWI	0	26	80	83	83	80	80	67	62	65	55	31	0	0	220.7	62	10.3	4	0	1	12	10	8	0
TOBAGO																								
CROWN POINT APT	0	19	74	85	82	84	85	84	79	77	69	63	24	0	255.4	72	11.1	15	1	1	3	10	16	0
LOUIS D'OR	0	12	70	81	85	88	83	91	89	86	81	69	0	0	258.9	72	10.2	3	0	2	2	10	17	0
GRENADA																								
MIRABEAU	0	9	63	75	85	84	87	88	81	72	61	50	8	0	236.1	67	10.4	1	0	3	3	14	11	0
BARBADOS																								
HUSBANDS CMI	0	25	79	81	88	91	91	90	85	75	77	67	18	0	268.8	76	11.0	7	0	1	2	10	18	0
SEAWELL AIRPORT	0	10	70	87	92	95	92	92	85	89	84	73	21	0	275.7	78	10.8	14	0	1	1	9	17	0
ST.VINCENT																								
CAMDEN PARK	0	0	37	73	80	88	91	91	85	83	75	74	24	0	249.4	70	10.2	2	0	2	3	12	14	0
MONTSERRAT																								
GROVE	0	0	29	50	72	73	82	73	69	71	67	46	2	0	196.8	57	9.4	10	0	3	10	14	4	0
JAMAICA																								
BODLES	0	6	68	83	87	89	92	93	87	81	65	40	3	0	241.8	71	10.0	21	0	0	4	24	3	0
DUCKENFIELD	0	0	54	74	82	84	84	83	87	79	79	37	0	0	231.2	67	9.5	17	0	0	5	22	2	0
FROME	0	13	84	85	89	89	87	84	83	63	47	33	2	0	235.7	68	10.3	25	0	1	7	15	8	0
MONTEGO BAY APT	0	0	56	76	81	84	88	93	95	88	84	73	4	0	254.0	74	10.0	25	0	0	6	12	13	0
PALISADOES APT	0	22	87	91	90	91	90	89	88	90	70	57	7	0	208.8	78	10.2	3	0	0	0	15	9	0
SMITHFIELD	0	21	83	82	87	90	94	92	84	73	68	47	5	0	255.8	74	10.4	22	0	0	4	14	13	0
GUYANA																								
EBINI	0	3	21	43	50	66	73	70	58	53	45	38	11	0	164.4	45	8.8	13	0	4	16	9	0	0
GEORGETOWN BG	0	0	37	33	38	52	47	51	45	50	47	29	1	0	133.0	36	9.3	5	0	13	8	8	1	0
KAMARANG	0	2	9	21	25	33	36	45	50	56	56	46	0	0	117.8	32	7.6	8	0	13	12	6	0	0
MAZARUNI	0	0	8	38	58	66	58	50	37	35	27	18	0	0	122.2	33	8.9	8	0	12	14	4	0	0
MON REPOS	0	3	30	37	48	54	49	50	53	50	44	27	5	0	139.0	38	9.2	5	0	12	8	9	2	0
WAUNA	0	6	30	41	29	44	25	30	31	25	23	20	6	0	96.2	26	10.3	7	0	19	8	3	1	0