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MONTHLY WEATHER SUMMARY

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

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January 1973

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March 28, 2002

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LIST OF STATIONS

COUNTRY	STATION	LAT.		LONG		ALT.	MEASUREMENTS TAKEN									
							Synop. Obs.	Temp.	Humidity	Wind sp. & dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil Temp.	Sunshine
		o	'N	o	'W	ft.										
Trinidad	Centeno.	10	35	61	20	50		x	x	x	x	x	x	x	x	x
	Penal Agr. Stn.	10	10	61	28	25		x	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		x
	Louis d'Or.	11	15	60	34	40		x	x		x	x	x	x		x
Grenada	Mirabeau.	12	08	61	39	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
	Hewanorra Airport	13	45	60	57	13	x	x				x				
	Roseau, Winban	13	56	61	02			x				x				x
	Vigie Airport	14	01	61	00	7	x	x	x	x		x				

/ct'd.....

COUNTRY	STATION	LAT. o 'N	LONG. o 'W	ALT. ft.	MEASUREMENTS TAKEN: Synop. Obs.	Temp.	Humidity	Wind sp. & dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil Temp.	Sunshine
Dominica	Melville Hall Airport.	15 33	61 18	[illegible]	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	Coolidge Airport.	17 08	61 47	26	x	x	x	x		x				
	Dunbars.	17 09	61 50	220		x	x			x				
St. Kitts & Nevis	Caines.	17 25	62 49							x		x		
	Cunningham.	17 18	62 46							x		x		
	Golden Rock Apt.	17 19	62 43		x									
	La Guerite.	17 18	62 44	160		x	x		x	x	x	x		
	Needsmust.	17 18	62 43	90		x	x		x	x		x	x	
	West Farm.	17 21	62 44							x		x		
Br. Virgin Islands	Paraquito Bay.	18 25	64 35	50		x	x		x	x				x
Jamaica	Allsides.	18 16	77 34	2250		x	x		x	x			x	
	Bernard Lodge.	17 58	76 56	55		x	x		x	x	x	x		x
	Bodles.	17 55	77 08	60		x	x		x	x	x	x		x
	Caenwood.	18 12	76 35			x				x				
	Cedar Valley.	17 59	76 35	1980		x	x		x	x		x		

/ct'd.....

JAMAICA STATIONS CONTD.

COUNTRY	STATION	LAT. o 'N	LONG. o 'W	ALT. ft.	MEASUREMENTS TAKEN: Synop. Obs.	Temp.	Humidity	Wind sp. & dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil Temp.	Sunshine
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	x		x		
	Empire Nursery.	18 02	76 39	2130		x	x		x	x		x		
	Farm Hill.	18 03	76 38	4020		x	x		x	x		x		
	Frome.	18 18	78 09	90		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				
	Kingston, St. Georges Coll.	17 59	76 47	90		x	x			x				
	N. Manley Air.	17 56	76 47	9	x	x	x	x	x	x	x	x		x
	Marshall Pen.	18 03	77 32	2300		x	x	x		x				
	Mason River Field.	18 11	77 16	2300		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				
	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
	Sangster Airport.	18 30	77 55	5	x	x	x	x	x	x	x			x
	Smithfield.	18 24	78 06	925		x	x		x	x	x	x	x	x
	Top Mountain.	18 05	76 40	3550		x				x	x			
	Worthy Park.	18 08	77 09	1250		x	x			x				x

COUNTRY	STATION	LAT. ° 'N	LONG. ° 'W	ALT. ft.	MEASUREMENTS TAKEN: Synop. Obs.	Temp.	Humidity	Wind sp. & dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil Temp.	Sunshine
Cayman Is.	West Bay.	19 22	81 2	5	x	x	x	x	x	x	x	x	x	x
Belize	Beli e Airport.	17 32	88 18	17	x	x	x	x		x				x
Guyana	Apaikwa.	06 22	60 23								x			
	Apoteri.	04 02	58 36			x				x	x			
	Bartica-Dem. Station.	06 23	58 38								x			
	Bartica-Potaro Road.	05 37	58 53	400		x	x			x				
	Camp Jaguar.	03 25	57 35			x	x			x	x	x		
	Cooper's Landing.	06 53	58 43								x			
	Dawa.	07 12	58 37			x	x			x	x	x		
	Ebini L.S.	05 34	57 47	94		x	x	x	x	x	x	x	x	x
	Eterinbang.	06 43	61 07								x			
	Friendship.	05 50	57 28			x	x		x	x	x			x
	Georgetown Bot. Gdns.	06 48	58 09	7	x	x	x	x	x	x	x	x	x	x
	Georgetown Old Rifle Range.	06 50	58 09					x						
	Great Falls.	05 18	58 32								x			
	Kosororo.	08 10	59 48	300		x	x			x				
	Itabru Falls.	04 52	58 14			x	x		x	x	x	x		
	Kamarang.	05 53	60 37	1625	x	x	x		x	x	x	x		x
	Keraha Landing.	06 09	59 27								x			
	Lethem.	03 22	59 48	326	x	x	x			x	x			
	Mabaruma.	08 12	59 47	168	x	x	x	x		x				

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COUNTRY	STATION	LAT. o 'N	LONG. o 'W	ALT. ft.	MEASUREMENTS TAKEN: Synop Obs.	Temp.	Humidity	Wind sp. & dir.	Daily wind mileage	Rainfall	Rainfall intens.	Evap.	Soil Temp.	Sunshine
Guyana	Mackenzie.	06 00	58 18								x			
	Mahaicony A.R.D.S.	06 28	57 46	5		x	x		x	x	x	x		x
	Maripa.	06 47	58 30								x			
	Matthew's Ridge.	07 30	60 10	350		x	x			x	x			
	Mazaruni Prison.	06 24	59 39	47		x	x			x				x
	Mon Repos.	06 47	58 04	10		x	x			x				x
	New Amsterdam.	06 15	57 31	3		x	x			x	x			
	Plantain Island.	05 51	58 35			x	x			x	x			
	Port Kaituma	07 44	59 53	100		x	x			x				
	St. Ignatius	03 21	59 48								x			
	Timehri Airport	06 30	58 15	100	x	x	x	x		x	x			
	Timehri L.H.S.	06 31	58 16	95		x	x		x	x	x		x	x
	Tiboku	05 48	59 36			x	x				x			x
	Wauna	08 09	59 52	100	x	x	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

/gives 1. This table/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 they arethe 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.

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2. The rainfall data are 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, 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 a re 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

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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.

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 underrecord 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 occurence 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.

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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 JANUARY 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): ½-2	2-3	3-5	5-10	10 or more
TRINIDAD																							
CENTENO	50	08	76·0	73·7	27·2	89																	
PENAL AG STATION	25	08	72·7	71·5	25·8	94																	
PIARCO AIRPORT	41	02	72·3	70·8	25·1	93	1014·0	1·7	1·9	5	17	8	1	0	0	0	0	0	0	0	0	3	28
		08	75·0	72·7	26·5	90	1015·4	4·3	3·2	0	15	10	6	0	0	0	0	0	0	0	0	3	28
		14	85·3	75·9	26·3	63	1013·9	12·2	4·5	0	5	16	10	0	0	0	0	0	0	0	0	5	26
PIARCO AIRPORT	41	20	75·7	73·0	26·5	87	1014·5	4·2	1·9	7	15	7	2	0	0	0	0	0	0	0	2	2	27
ST AUGUSTINE UWI	52	09	80·2	74·3	26·5	75		13·1															
TOBAGO																							
CROWN POINT AIRP	9	02	76·2	73·1	26·3	85	1014·1	5·9	2·4	0	21	6	4	0	0	0	0	0	0	0	0	0	31
		08	76·9	74·8	27·2	79	1015·8	8·1	3·3	0	13	11	7	0	0	0	0	0	0	0	0	0	31
		14	84·3	77·2	28·7	71	1014·2	12·3	3·1	0	15	11	5	0	0	0	0	0	0	0	0	0	31
		20	77·5	74·0	27·0	84	1014·9	6·2	2·3	0	20	9	2	0	0	0	0	0	0	0	0	0	31
LOUIS D/OR	40	08	80·6	74·1	25·9	73																	
GRENADA																							
PEARLS AIRPORT	22	08	79·2	74·0	26·4	78	1016·2	11·3	4·1	0	3	16	8	0	0	0	0	0	0	0	0	6	21
		14	81·9	75·6	27·4	74	1014·6	10·9	3·1	0	6	16	2	0	0	0	0	0	0	0	0	5	19
BARBADOS																							
HUSBANDS CMI	370	08	77·7	73·0	25·6	79	1017·2	12·2	3·2	0	15	11	5	0	0	0	0	0	0	0	0	4	27
SEAWELL AIRPORT	183	02	77·2	72·8	25·5	80	1015·1	12·1	3·8	0	9	14	7	1	0	0	0	0	0	0	0	0	31
		08	78·9	73·0	25·1	75	1016·9	13·5	4·0	0	10	12	9	0	0	0	0	0	0	0	0	0	31
		14	81·8	74·1	25·4	68	1015·2	13·7	4·0	0	8	13	10	0	0	0	0	0	0	0	0	0	31
		20	78·0	73·0	25·5	78	1016·2	11·8	3·0	0	11	20	0	0	0	0	0	0	0	0	0	0	31
ST LUCIA																							
VIGIE AIRPORT	7	08	77·2	72·1	24·6	77	1016·8	7·2	3·8	0	10	13	6	0	0	0	0	0	0	0	0	1	28
		14	82·8	74·0	24·7	64	1015·7	10·7	4·0	0	3	19	5	0	0	0	0	0	0	0	0	0	27
DOMINICA																							
MELVILLE HALL AP	43	08	78·2	72·3	24·4	74	1017·1	10·0	4·2	0	4	18	6	0	0	0	0	0	0	0	1	10	17
		14	81·4	73·4	24·6	67	1015·4	13·5	3·7	0	6	19	3	0	0	0	0	0	0	0	3	1	24
ANTIGUA																							
COOLIDGE AIRPORT	26	08	77·2	72·7	25·4	80	1017·9	12·5	3·4	0	9	17	5	0	0	0	0	0	0	0	0	0	31
		14	81·9	74·3	25·6	69	1016·6	14·3	3·2	0	10	19	2	0	0	0	0	0	0	0	0	0	31
		20	76·8	72·7	25·5	80	1017·5	11·2	2·7	1	13	16	1	0	0	0	0	0	0	0	0	0	31

TABLE 1 - SUMMARY OF OBSERVATIONS AT FIXED STATIONS
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations 0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1¼-2	2-3	3-5	5-10	10 or more
	ft	LST	°F	°F	mb	%	mb	kt															
ANTIGUA																							
DUNBARS	220	09	79·3	75·0	26·3	77																	
		15	80·3	77·8	31·6	90																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	77·7	72·1	24·3	75	1019·4	12·2	4·4	0	2	23	6	0	0	0	0	0	0	0	0	0	31
		14	82·0	73·4	24·2	65	1017·7	14·9	3·8	0	5	22	3	0	0	0	0	0	0	0	0	0	30
JAMAICA																							
ALLSIDES		07	65·2	64·1	19·8	91																	
BERNARD LODGE	55	08	76·8	72·4	25·3	80																	
BODLES	60	07	68·1	66·9	22·2	94																	
		17	83·9	74·8	25·6	64																	
CAENWOOD	50	08	74·4	73·5	27·7	96																	
CEDAR VALLEY	1980	07	67·1	65·3	20·4	90																	
		13	76·2	70·3	22·6	73																	
CINCHONA GARDENS	4897	07	59·3	57·3	15·1	88																	
		16	64·4	62·0	17·9	87																	
DALLAS	950	09	72·9	69·9	23·6	86																	
DALLAS	950	15	81·2	74·3	25·9	71																	
DUCKENFIELD	60	08	76·8	73·8	27·2	86																	
EAST ALBION NURS	90	07	73·3	68·9	22·2	79																	
		13	85·5	74·8	24·8	59																	
EMPIRE NURSERY	2130	16	75·8	65·0	15·6	51																	
FARM HILL	4020	07	63·8	61·7	17·8	88																	
		13	74·0	70·1	23·3	81																	
HALLS DELIGHT	3020	07	66·4	62·7	17·8	81																	
		13	71·3	66·1	19·5	74																	
IRWIN	80	08	75·8	72·8	26·1	86																	
IRWIN	80	15	82·2	75·8	27·5	73																	
KINGSTON ST GEO	90	07	72·0	68·9	22·7	85																	
		13	84·3	75·9	26·8	67																	
N·MANLEY AIRPORT		01	77·5	72·4	24·8	77	1014·6	2·6	1·6	10	14	4	3	0	0	0	0	0	0	0	0	0	31
		07	76·7	71·0	23·7	75	1014·8	2·9	2·8	0	20	5	5	1	0	0	0	0	0	0	0	0	31
		13	85·4	75·1	25·3	61	1014·2	13·6	3·7	0	16	5	8	2	0	0	0	0	0	0	0	0	31
N·MANLEY AIRPORT		19	80·6	72·8	24·3	68	1014·1	7·8	3·2	0	17	7	6	1	0	0	0	0	0	0	0	1	30
MARSHALLS PEN	2300	07	66·5	65·5	20·9	94	1014·1	2·9	4·4	6	4	5	9	0	7	0	0	0	0	0	0	0	0
		13	77·3	72·1	24·5	77	1012·9	5·1	5·7	0	0	11	15	0	5	0	0	0	0	0	0	0	0

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS (CONTINUED) JANUARY 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 (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
JAMAICA																							
MASON RIVER FIEL	2300	07	64•5	63•2	19•2	93		6•2															
		13	75•0	69•9	22•4	74		10•9															
		19	63•8	62•8	19•0	94		8•1															
MONYMUSK	30	07	74•7	70•8	25•4	88																	
MORANT POINT LH	6	01	79•3	75•4	26•4	77	1016•9	12•3	3•9	3	2	17	5	2	0	0	0	0	0	0	1	0	28
MORANT POINT LH	6	07	78•5	75•2	28•4	84	1016•5	12•3	4•9	0	4	11	13	1	0	0	0	0	0	0	0	0	29
		13	80•6	76•7	29•1	82	1017•4	13•9	4•9	0	2	18	5	4	0	0	0	0	0	0	0	0	29
		19	79•8	75•9	28•7	83	1016•4	11•9	4•3	0	8	10	9	2	0	0	0	0	0	0	0	0	29
ORANGE RIVER	950	08	70•2	69•3	24•2	96																	
		14	76•7	74•0	27•2	86																	
D. SANGSTER APT	3	01	76•9	74•9	25•9	82	1016•1	2•7	2•5	2	21	3	3	2	0	0	0	0	0	0	0	1	30
		07	71•1	69•2	23•5	90	1016•3	3•7	3•6	0	17	6	4	4	0	0	0	0	0	0	0	0	31
		13	79•9	74•6	27•0	78	1015•1	12•6	3•6	0	15	7	6	3	0	0	0	0	0	0	0	0	31
		19	75•6	73•3	26•8	89	1014•8	6•7	2•7	0	11	8	6	6	0	0	0	0	0	0	0	1	30
SMITHFIELD	925	08	73•2	69•9	23•4	84																	
TOP MOUNTAIN	3550	07	64•0	61•3	17•3	85																	
		13	69•2	65•5	20•8	86																	
CAYMAN IS																							
WEST BAY		08	79•5	73•8	26•1	76		9•6	4•1	1	8	12	5	5	0	0	0	0	0	0	0	0	0
BELIZE																							
BELIZE AIRPORT	17	06	69•6	68•6	23•8	96	1015•4	4•8	4•8	0	8	8	6	4	4	4	2	0	2	0	3	6	13
		12	79•3	72•7	24•8	73	1016•1	8•3	5•8	0	3	6	21	1	0	0	0	0	0	0	0	1	30
		18	75•8	72•1	25•4	84	1014•3	5•8	4•6	0	7	11	8	4	0	0	0	0	0	0	0	3	27
GUYANA																							
BARTICA POTARO R	400	08	74•9	73•6	27•7	94																	
		14	84•1	76•9	28•4	71																	
EBINI	60	08	75•3	73•6	27•6	92	1014•7	2•6	5•1	0	6	5	14	1	0	0	0	0	0	1	0	23	2
		14	86•7	74•9	24•3	56	1011•5	12•0	5•6	0	1	11	14	0	0	0	0	0	0	0	0	7	19
GEORGETOWN BOT G	7	08	80•1	75•1	27•5	78	1015•0	8•4	5•4	0	3	11	16	1	0	0	0	0	0	0	0	4	27
GEORGETOWN BOT G	7	14	82•7	76•2	28•0	73	1013•5	11•1	5•5	0	1	14	15	1	0	0	0	0	0	0	0	4	27
HOSORORO		08	76•6	74•0	27•5	88																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS
(CONTINUED)

JANUARY 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 (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
GUYANA																							
HOSORORO		14	83·3	75·9	27·2	70																	
ITABRU FALLS		08	74·8	73·8	28·0	95																	
		14	88·2	78·0	28·1	62																	
KAMARANG		08	69·3	68·1	22·9	94	1017·6	0·0	6·2	0	1	6	20	3	0	2	0	0	0	0	0	5	23
		14	80·4	71·4	22·4	63	1014·1	3·7	6·2	0	0	6	23	1	0	0	0	0	0	0	0	0	30
LETHEM	270	08	78·3	73·2	25·7	77	1015·4	11·9	5·7	0	2	11	14	4	0	0	0	0	0	0	0	0	31
		14	89·3	76·0	24·7	52	1012·0	13·1	5·9	0	0	10	20	1	0	0	0	0	0	0	0	0	31
MABARUMA	185	08	75·2	73·5	27·4	92	1014·5	2·6	4·4	0	6	16	9	0	0	0	0	0	0	0	0	10	21
		14	83·5	75·4	26·6	92	1013·0	4·5	5·7	0	0	14	16	1	0	0	0	0	0	0	23	8
MAHAICONY ABARY	6	08	79·1	74·7	27·3	81																	
MAHAICONY ABARY	6	14	82·2	75·8	27·3	73																	
MATTHEWS RIDGE		08	74·5	73·5	27·8	96																	
		14	83·6	75·3	26·3	67																	
MAZARUNI PRISON	47	08	76·5	74·2	27·8	89																	
		14	83·7	75·8	27·2	69																	
MON REPOS		08	80·1	74·1	26·0	74																	
		14	84·0	75·4	26·1	66																	
NEW AMSTERDAM	3	08	80·0	76·5	29·5	84																	
		14	85·3	78·0	29·5	71																	
PORT KAITUMA		08	73·4	72·2	26·4	94																	
PORT KAITUMA		14	83·7	76·6	27·9	71																	
TIMEHRI AIRPORT	95	02	71·8	71·5	26·2	98	1013·4	0·8	4·0	4	5	11	10	1	0	0	0	0	0	0	0	10	21
		08	75·7	74·0	27·9	92	1014·8	1·9	5·2	0	6	6	17	2	0	0	0	0	0	0	0	11	20
		14	84·7	75·8	26·4	65	1012·7	11·4	6·3	0	0	10	16	5	0	0	0	0	0	0	0	6	25
		20	74·7	73·4	27·5	94	1013·5	3·0	3·8	1	8	14	5	2	0	0	0	0	0	0	0	12	18
TIMEHRI CHS		08	75·0	73·7	27·9	94																	
		14	84·2	75·7	26·6	67																	
WAUNA		06	74·1	73·3	27·7	96		0·1	3·8	1	7	15	8	0	0	0	0	0	0	0	1	25	5
		14	82·8	76·0	27·7	72		6·6	5·6	0	0	17	12	2	0	0	0	0	0	0	1	8	22

COUNTRY STATION	RAINFALL (INCHES) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH RAIN EQUAL TO OR MORE THAN .01	.10	1.00	AIR TEMPERATURE F MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	EXTREMES MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION hr	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	1·22	·14	2	13	0	0	85·1	70·4	77·8	87	60		267·0				
PENAL AS STATION	·89	·21	11	8	0	0	87·9						250·3				
PIARCO AIRPORT	·74	·17	2	7	0	0	86·8	69·0	77·9	88	62		275·2	0	1	0	0
ST AUGUSTINE UWI	·72	·22	4	5	0	0	96·0	75·5	85·8	89	62		289·9				
TOBAGO																	
CROWN POINT APT	·78	·38	23	4	0	0	88·7	75·9	82·3	87	70	70·0	287·1	0	0	0	0
LOUIS D/OR	1·54	·34	11	10	0	0	86·8	77·5	82·2	85	68		276·0	0	0	0	0
GRENADA																	
PEARLS AIRPORT	2·09	·45	7	12	1	0	86·5	78·8	82·7	85	73			0	0	0	0
BARBADOS																	
HUSBANDS CMI	·94	·34	18	7	0	0	83·7	70·0	76·9	85	63		262·9				
SEAWELL AIRPORT	1·25	·20	19	10	0	0	83·1	74·2	78·7	85	72		281·5	0	0	0	0
ST LUCIA																	
VIGIE AIRPORT	3·32	1·86	21	12	1	1	82·9	72·7	77·8	86	66			0	0	0	0
ROSEAU WINBAN	4·96	2·26	20	16	2	1	78·2	66·2	77·2	85	56		263·1				
DOMINICA																	
MELVILLE HALL AP	4·90	1·01	20	15	4	1	82·9	72·7	77·8	84	68		216·7	0	0	0	0
ANTIGUA																	
CODLIDGE AIRPORT	1·64	·34	31	12	0	0	85·4	73·8	80·6	85	69			0	0	0	0
DUNBARS	1·78	·31	1	11	0	0	84·0	77·9	80·9	85	70						
ST KITTS NEVIS																	
CUNNINGHAM	1·46	·32	5	10	0	0											
NEEDSNUST	1·60	·38	1	9	0	0	85·6	72·8	78·2	88	70						
BR VIRGIN IS																	
PARAQUITO BAY	1·04	·32	5	8	0	0	83·7	74·0	78·9	84	70		255·6	0	0	0	0
JAMAICA																	
BERNARD LODGE	1·63	·70	12	3	3	0	87·1	65·7	76·5	89	82		209·5				
BODLES	2·64	1·50	12	6	2	1	85·5	63·1	75·3	88	62						
CAENWOOD	13·98	3·89	20	16	7	5	81·0	71·9	76·4	84	67	68·3					
CEDAR VALLEY	4·87	1·80	20	16	2	1	79·0	57·9	68·4	83	66						
CINCHONA GARDENS	2·59	·94	30	11	2	0	67·8	54·7	61·2	66	52						
DALLAS	1·45	·47	15	6	2	0	81·5	58·6	68·6	85	51						
DUCKENFIELD	5·36	2·40	12	16	3	1	87·2	74·3	80·7	86	66		187·7				

TABLE II - SUMMARY OF DAILY OBSERVATIONS - JANUARY 1973
(CONTINUED)

COUNTRY STATION	RAINFALL (INCHES)						AIR TEMPERATURE F					MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION h:	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH 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																	
EAST ALBION NURS	1·18	·48	21	6	1	0	84·2	71·3	77·8	90	69						
EMPIRE NURSERY	1·14	·70	25	7	1	0	79·8	60·5	70·2	85	54						
FARM HILL	1·76	·47	30	11	1	0	76·7	52·2	64·4	79	51						
FROME	1·95	·80	20	9	1	0	87·1	67·1	77·1	90	63						
IRWIN	4·36	2·00	14	9	3	2	86·3	67·1	76·7	90	63						
KINGSTON ST·GEO	·77	·47	19	4	1	0	87·0	70·9	78·9	91	68						
N·MANLEY AIRPORT	·54	·25	12	3	0	0	86·9	73·3	80·1	89	70						
MARSHALLS PEN	4·50	2·49	18	10	3	1	79·0	62·0	70·5	81	56	61·3	249·3	1	0	0	0
MASON RIVER FIEL	2·52	·87	29	6	3	0	78·0	61·3	69·6	81	55						
MONYMUSK	1·46	·52	14	8	1	0	87·2	60·7	74·0	92	53						
MORANT POINT LH	9·29	4·11	12	12	6	2	82·3	73·5	77·9	86	67						
ORANGE RIVER	7·52	2·65	30	13	4	2	80·0	65·9	72·9	84	61		170·4				
D·SANGSTER APT	3·12	1·05	14	10	3	1	83·6	69·9	76·7	87	63		216·6	1	0	0	0
SMITHFIELD	4·24	1·45	29	11	3	2	80·4	68·1	74·2	84	64		204·7	0	0	0	0
TOP MOUNTAIN	1·18	·51	16	6	1	0	73·4			79							
CAYMAN ISLANDS																	
WEST BAY	·60	·25	12	5	0	0	83·8	70·9	77·4	86	66		211·0				
BELIZE																	
BELIZE AIRPORT	2·16	·51	9	11	1	0	82·1	68·8	75·5	86	58		187·8	0	6	0	0
GUYANA																	
APOTERI	·95	·26	3	7	0	0											
BARTICA POTARO R	7·63	1·42	15	18	5	2	88·2	70·5	79·4	92	68						
EBINI	1·99	·55	3	8	2	0	89·2	69·3	79·3	92	65		192·8	0	8	0	0
GEORGETOWN B.O.T G	2·16	·65	28	10	1	0	84·3	75·5	79·9	86	79		232·2				
MOSORORO	2·12	·26	19	16	0	0	85·9	70·8	78·4	87	69						
ITABRA FALLS	3·06	·68	3	11	2	0	90·3	71·0	81·0	97	66	69·5					
KAMARANG	2·47	·42	8	14	2	0	82·4	66·8	79·6	84	63	63·4	188·4	0	9	0	0
LETHEM	·01	·01	28	0	0	0	91·5	72·8	82·2	93	68						
MABARUMA	2·40	·52	12	17	1	0	85·5	71·5	78·5	88	69						
MAHAICONY ABARY	1·94	·59	3	8	2	0	84·3	74·7	79·5	86	69		182·8				
MATTHEWS RIDGE	·82	·83	4	3	1	0	88·5	69·5	79·0	89	69						
MAZARUNI PRISON							92·0	69·7	80·9	92	69		160·0				
MON REPOS	2·16	·75	28	11	2	0	85·6	72·9	79·3	87	69		234.5				
NEW AMSTERDAM	2·12	·44	18	13	1	0	86·8	74·5	80·7	88	73						
PLANTAIN ISLAND	3·36	1·30	30	14	2	1								15	16	0	0
PORT KAITUMA	3·81	·80	12	17	3	0	87·2	68·4	77·8	90	64						
TIMEHRI AIRPORT	2·35	·71	28	11	1	0	87·1	65·6	76·4	89	61			0	1	0	0
TIMEHRI CHS	2·63	·57	28	14	2	0	86·3	68·9	77·6	89	65						
WAUNA	3·32	·76	6	16	2	0	85·5	67·9	76·7	88	64		212·3	0	13	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS - JANUARY 1973

COUNTRY / STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	76	108	5·70	·25	26												
PENAL AG STATION	59	91	5·64	·26	22												
PIARCO AIRPORT	89	117	6·82	·32	22												
ST AUGUSTINE UWI	121	166	5·16	·21	18												
TOBAGO																	
CROWN POINT APT	95	168	7·43	·33	18												
LOUIS D/OR	55	82	6·41	·31	26												
BARBADOS																	
HUSBANDS CMI	112	175	6·73	·38	30	87·4	76·7	93	5	60							
BR VIRGIN IS																	
PARAQUITO BAY	127	177	7·74	·38	16										12266	486	276
JAMAICA																	
BERNARD LODGE	68	100	4·10	·28	23										14052	575	297
BODLES	31	47	4·55	·24	29										14052	575	297
CEDAR VALLEY			3·42M	·17	9												
EAST ALBION NURS	51	149	5·91	·37	26												
EMPIRE NURSERY	12	47	3·09	·18	26												
FARM HILL	36	118															
N·MANLEY AIRPORT	107	221	8·34	·35	23												
ORANGE RIVER	30	44	7·19	·31	4										10997	521	117
SMITHFIELD	58	123	3·41	·23	7	80·5	68·4	86	2	63	77·6	70·9	81	68			
CAYMAN IS																	
WEST BAY	139	277	5·70	·33	12	90·3	75·9	97	24	71	84·9	77·7	89	75	11913	569	153
GUYANA																	
EBINI	78	114	6·74	·30	26	85·6	76·5	89	26	67	86·5	78·6	89	76			
GEORGETOWN BOT G	102	131	5·54	·26	12										10876	521	119
KAMARANG	43	58	5·84	·33	1												
MAHAICONY ABARY	179	209	7·66	·28	29												
WAUNA	18	30	4·63	·34	21	89·7	73·1	98	6	71	86·6	74·8	91	73			

WHERE MORE THAN TWO AND LESS THAN FIVE OBSERVATIONS ARE MISSING THE ADJUSTED TOTAL IS PRINTED WITH AN M·

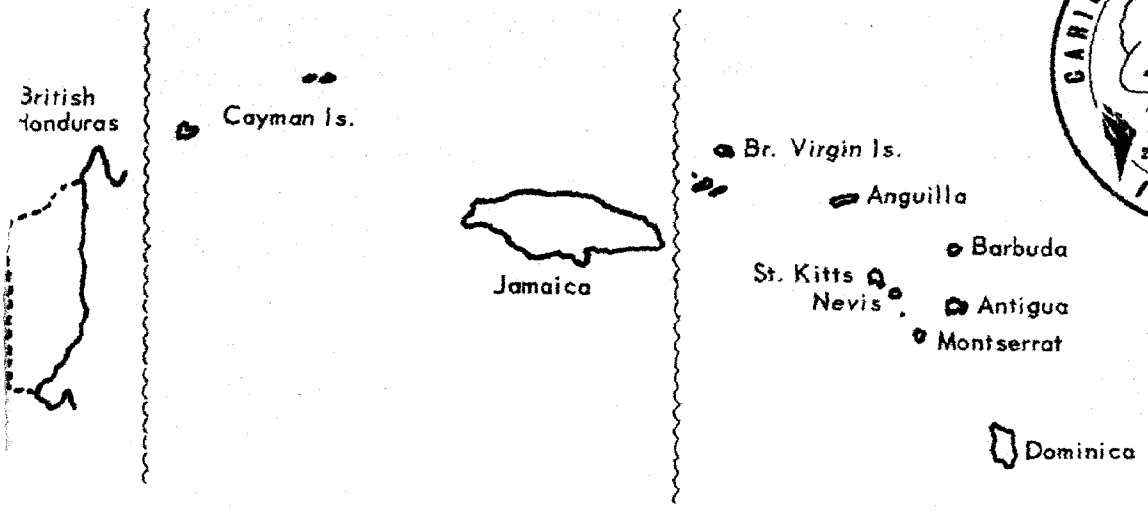
COUNTRY STATION	MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
	5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours
TRINIDAD								
CENTENO	.08	.09	.12	.12	.12	.12	.14	.14
PENAL AG STATION	.08	.10	.14	.15	.15	.15	.21	.21
PIARCO AIRPORT	.06	.08	.09	.09	.09	.09	.15	.15
ST AUGUSTINE UWI	.00	.18	.20	.21	.22	.22	.22	.22
TOBAGO								
CROWN POINT APT	.08	.12	.14	.14	.14	.33	.38	.38
LOUIS D/OR	.14	.19	.19	.27	.34	.34	.34	.34
BARBADOS								
HUSBANDS CMI	.06	.10	.10	.14	.16	.18	.30	.32
SEAWELL AIRPORT	.08	.13	.13	.13	.18	.18	.19	.20
ST LUCIA								
BEAUSEJOUR	.06	.14	.25	.25	.52	.96	1.26	1.26
BR VIRGIN IS								
PARAQUITO BAY	.12	.12	.14	.14	.14	.14	.14	.14
JAMAICA								
N.MANLEY AIRPORT	.06	.09	.10	.16	.19	.24	.25	.25
D.SANGSTER APT	.39	.50	.58	.68	.79	.80	.80	1.00
SMITHFIELD	.17	.22	.27	.36	.43	.66	1.38	1.45
CAYMAN ISLANDS								
WEST BAY	.08	.09	.12	.14	.20	.25	.25	.25
GUYANA								
APAIKWA	.13	.21	.33	.42	.58	.59	.79	.93
APOTERI	.12	.17	.19	.20	.21	.21	.23	.25
EBINI	.13	.20	.22	.24	.36	.50	.55	.55
ETERINGBANG	.12	.14	.20	.27	.27	.27	.29	.29
GEORGETOWN BOT G	.16	.22	.22	.29	.40	.49	.49	.49
KAMARANG	.18	.20	.22	.26	.26	.27	.31	.40
KERAHA LDG	.13	.21	.25	.28	.29	.36	.40	.45
LETHEM	.01	.01	.01	.01	.01	.01	.01	.01
MAHAICONY ABARY	.13	.21	.22	.24	.25	.25	.38	.38
MARIPA	.11	.15	.21	.33	.60	.62	.65	.65
MATTHEWS RIDGE	.25	.33	.36	.36	.36	.46	.76	.83
NEW AMSTERDAM	.09	.10	.11	.12	.17	.26	.30	.44
PLANTAIN ISLAND	.16	.29	.41	.49	.65	1.01	1.28	1.29
TIMEHRI AIRPORT	.10	.15	.25	.28	.28	.28	.46	.58
TIMEHRI CHS	.20	.24	.26	.32	.32	.37	.53	.54
WAUNA	.21	.27	.31	.45	.60	.71	.76	.76

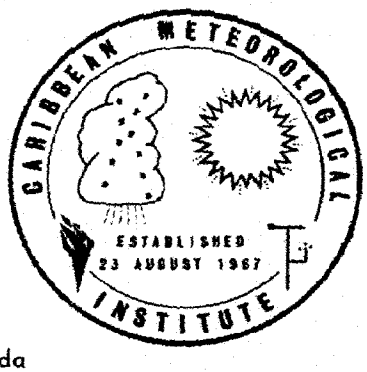
TABLE V - SUMMARY OF WINDSPEED RECORDS - JANUARY 1973

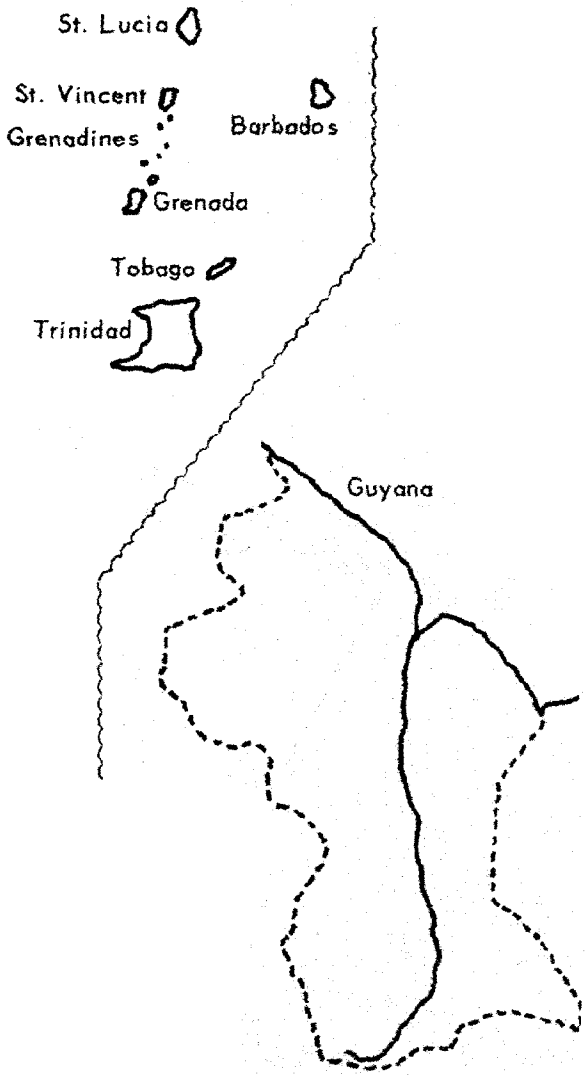
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
CENTENO	10	12	14	11	07	19	1352	5	0	0	0	3·6
PENAL AG STATION	12	13	14	21	10	27	1553	1	0	0	0	4·1
PIARCO AIRPORT	07	16	12	30	08	27	1415	24	0	0	0	6·4
TOBAGO												
CROWN POINT APT	12	16	08	20	14	27	0925	18	0	0	0	8·4
ANTIGUA												
COOLIDGE AIRPORT	14	21	12	1	14	33	1155	1	0	0	0	12·9
CAYMAN ISLANDS												
WEST BAY	34	19	15	29	34	34	1405	29	1	0	0	8·5
GUYANA												
EBINI	01	16	14	15	01	28	1330	17	0	0	0	5·9
GEORGETOWN BOT G	07	28	17	3	06	32	0125	18	0	0	0	14·6

TABLE VI - SUMMARY OF SUNSHINE RECORDS - JANUARY 1973

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	2	61	76	81	89	87	86	85	81	86	85	41	0	267·0	74	10·4	6	0	0	0	0	0	0
PENAL AG STATION	0	0	45	84	87	89	88	84	81	82	74	74	21	0	250·3	69	10·4	26	0	0	4	17	10	0
PIARCO AIRPORT	0	18	77	80	88	92	88	86	85	85	82	82	22	0	275·2	77	10·8	26	0	0	3	10	18	0
ST AUGUSTINE UWI	0	19	82	88	90	89	91	93	90	91	86	84	32	0	289·9	81	10·9	25	0	0	2	9	20	0
TOBAGO																								
CROWN POINT APT	0	19	78	91	92	91	92	94	88	88	86	78	20	0	287·1	80	11·1	6	0	0	2	10	19	0
LOUIS D'OR	0	19	83	87	92	94	96	92	91	88	85	64	1	0	276·0	77	10·3	25	0	0	0	13	18	0
GRENADA																								
MIRABEAU	0	8	54	68	71	69	78	86	70	59	46	27	3	0	198·5	56	9·4	11						
BARBADOS																								
HUSBANDS CMI	0	14	68	76	87	87	91	88	87	83	73	68	16	0	262·9	74	10·3	30	0	1	4	10	16	0
SEAWELL AIRPORT	0	15	71	89	91	91	93	94	93	91	92	74	15	0	281·5	74	10·9	6	0	1	1	9	20	0
DOMINICA																								
MELVILLE HALL AP	0	0	58	74	85	92	91	87	88	82	67	49	2	0	216·7	69	9·6	13	0	1	3	16	8	0
BR VIRGIN IS																								
PARAQUITO BAY	0	12	62	84	87	91	88	91	90	86	84	49	0	0	255·6	74	9·8	12	0	1	2	15	13	0
JAMAICA																								
N·MANLEY AIRPORT	0	15	80	87	88	93	89	85	79	70	63	50	5	0	249·3	72	10·6	31	1	1	2	11	14	0
ORANGE RIVER	0	0	31	68	67	68	61	60	58	56	50	41	1	0	170·4	53	9·5	9	3	2	9	11	5	0
O·SANGSTER APT	0	0	56	72	82	83	84	79	73	64	64	43	3	0	216·6	62	9·8	11	2	3	2	14	10	0
SMITHFIELD	0	22	72	83	83	78	82	69	52	41	42	33	4	0	204·7	59	10·4	19	2	3	3	16	7	0
CAYMAN ISLANDS																								
WEST BAY	0	7	55	66	62	75	72	72	76	72	59	56	8	0	211·0	61	10·2	1	0	5	6	9	11	0
BELIZE																								
BELIZE AIRPORT	0	3	38	55	59	71	68	79	72	65	60	54	2	0	187·8	56	10·0	23	0	6	7	9	8	0
GUYANA																								
EBINI	0	1	42	62	56	61	64	67	62	64	61	54	23	0	192·8	55	10·2	17	0	3	11	14	3	0
GEORGETOWN BOT G	0	3	56	66	75	81	81	82	82	87	55	56	9	0	232·2	68	9·8	27	0	1	6	17	7	0
KAMARANG	0	2	27	49	51	59	63	71	67	73	67	73	5	0	188·4	51	9·8	17	0	3	11	13	3	0
MAHAICONY ABARY	0	10	51	61	65	75	76	74	65	64	62	56	17	0	182·8	57	10·1	23	0	2	8	10	7	0
MAZARUNI PRISON	0	6	25	56	62	66	56	53	61	55	50	33	0	0	160·0	44	9·6	16	0	3	17	10	1	0
MON REPOS	0	8	50	68	78	78	83	87	85	84	68	56	12	0	234·5	65	10·1	24	0	0	0	0	0	0
WAUNA	0	2	60	82	74	64	68	75	69	67	64	44	17	0	212·3	58	9·6	3	0	0	10	18	3	0







Monthly Weather Summary

February 1973

MONTHLY WEATHER SUMMARY

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

February 1973

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NOTES ON THE OBSERVATIONS AND SUMMARIES

GENERAL

1. Summary data may not appear in the tables each month for all the stations in the network, since returns are sometimes delayed from some stations. It is expected that supplementary tables, incorporating previously missed data, will be published from time to time. A complete station list is published in the January issue each year, and maps showing the approximate location of the stations in the April, July and October issues.

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 and 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.

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2. The rainfall data are 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, 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 a re 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

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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".

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 underrecord 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.

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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 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 (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 - 2	2 - 3	3 - 5	5 -10	10 or more
TRINIDAD																								
CENTENO	50	08	75•5	72•9	26•4	88		1•2																
PENAL AG STATION	25	08	72•8	71•1	25•2	92		1•6																
PIARCO AIRPORT	41	02	72•4	70•4	24•4	90	1013•6	1•9	3•0	2	12	6	8	0	0	0	0	0	0	0	0	6	22
		08	75•0	71•9	25•4	86	1014•8	3•1	2•9	1	15	7	4	1	0	0	0	0	0	0	0	5	22
		14	85•8	74•0	23•5	56	1013•3	11•9	5•2	0	0	16	11	1	0	0	0	0	1	0	1	4	22
		20	76•4	72•7	25•6	83	1013•7	3•8	3•1	3	12	6	7	0	0	0	0	0	0	0	0	2	26
TOBAGO																								
CROWN POINT AIRP	9	02	75•2	71•8	25•0	84	1013•5	3•8	2•4	0	20	5	3	0	0	0	0	0	0	0	0	0	28
		08	79•4	73•7	25•8	75	1014•9	6•9	3•9	0	12	7	9	0	0	0	0	0	0	0	0	0	28
		14	83•9	75•6	26•5	67	1013•5	11•0	4•2	0	7	10	11	0	0	0	0	0	0	0	1	27
		20	76•9	72•3	25•0	79	1013•9	4•7	3•1	0	16	5	7	0	0	0	0	0	0	0	0	0	28
LOUIS D/OR	40	08	79•2	73•0	25•1	74		1•5																
GRENADA																								
PEARLS AIRPORT	22	08	78•8	73•4	25•7	76	1014•9	10•3	3•7	0	6	18	4	0	0	0	0	0	0	0	0	3	25
		14	82•0	75•0	26•4	71	1013•7	10•3	3•5	0	6	16	2	0	0	0	0	0	0	0	0	2	22
BARBADOS																								
HUSBANDS CWI	370	08	77•1	71•8	24•2	76	1015•6	10•7	3•5	0	7	18	3	0	0	0	0	0	0	0	1	1	26
SEAWELL AIRPORT	183	02	75•8	72•0	25•1	83	1014•3	10•0	3•3	0	13	10	4	1	0	0	0	0	0	0	0	0	28
		08	78•2	73•1	25•5	78	1015•7	11•2	4•2	0	9	9	10	0	0	0	0	0	0	0	0	0	28
		14	81•8	74•1	25•3	68	1014•4	12•6	3•3	0	11	12	5	0	0	0	0	0	0	0	0	0	28
		20	77•1	72•7	25•5	80	1015•1	9•0	3•1	0	11	13	4	0	0	0	0	0	0	0	0	0	28
ST LUCIA																								
HEWANORRA APT		08	78•9	72•2	24•1	72	1015•1	12•2	3•7	0	9	11	6	0	0	0	0	0	1	0	0	0	25
		14	83•3	74•1	24•7	63	1013•7	13•3	3•3	0	7	15	4	0	0	0	0	0	0	0	0	0	26
VIGIE AIRPORT	7	08	77•3	71•6	23•9	75	1015•9	5•7	3•2	0	13	9	6	0	0	0	0	0	0	0	0	1	27
		14	82•9	73•2	23•7	62	1015•0	10•1	3•3	0	12	11	4	0	0	0	0	0	0	0	0	1	26
DOMINICA																								
MELVILLE HALL AP	43	08	76•7	81•5	24•0	76	1016•0	9•6	5•0	0	1	14	10	1	0	0	0	0	0	1	0	6	19
		14	78•4	70•1	22•8	69	1014•7	13•2	4•1	0	3	20	4	0	0	0	0	0	0	0	0	4	23

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS (CONTINUED) 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) ½-2	2-3	3-5	5-10	10 or more
ANTIGUA																							
COOLIDGE AIRPORT	26	08	75·6	71·4	24·3	81	1016·5	9·5	3·9	0	10	10	8	0	0	0	0	0	0	0	0	0	28
		14	81·1	73·2	24·4	67	1015·6	13·2	4·1	0	7	12	9	0	0	0	0	0	0	0	0	0	28
		20	75·6	71·2	23·9	79	1016·1	8·7	2·5	1	15	11	1	0	0	0	0	0	0	0	0	0	28
DUNBARS	220	09	78·8	73·6	26·3	78																	
		15	81·7	76·3	28·8	78																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	76·6	70·7	23·0	73	1018·1	10·3	4·3	0	5	15	8	0	0	0	0	0	0	0	0	0	28
		14	80·6	72·0	22·9	64	1017·1	13·2	4·1	0	6	15	7	0	0	0	0	0	0	0	0	2	26
JAMAICA																							
BERNARD LODGE	55	08	76·1	70·0	22·5	73																	
BODLES	60	07	67·4	65·6	20·9	91																	
		13	83·9	73·1	23·4	59																	
CEDAR VALLEY	1980	07	63·4	62·1	18·6	93																	
		13	77·5	70·3	22·2	69																	
CINCHONA GARDENS	4897	07	58·5	56·2	14·5	87																	
		16	63·7	61·2	17·3	86																	
DALLAS	950	09	72·0	69·1	22·8	85																	
		15	80·2	72·3	23·7	67																	
DUCKENFIELD	60	08	75·8	72·0	25·2	83																	
EAST ALBION NURS	90	07	71·2	66·5	20·2	77																	
		16	65·1	73·8	23·5	57																	
FARM HILL	4020	07	65·5	61·7	17·1	80																	
		16	74·6	71·5	25·0	86																	
IRWIN	80	07	73·6	70·7	24·4	86																	
IRWIN	80	16	80·9	73·8	25·3	70																	
KINGSTON ST GEO	90	07	71·6	67·7	21·6	82																	
		13	84·0	75·3	26·2	66																	
N·MANLEY AIRPORT	9	01	76·0	70·9	24·1	79	1014·6	5·5	1·8	5	16	4	3	0	0	0	0	0	0	0	0	0	28
		07	75·0	69·7	22·7	77	1015·1	5·0	2·3	0	21	0	7	0	0	0	0	0	0	0	0	0	28
N·MANLEY AIRPORT	9	13	84·8	74·7	25·2	62	1014·7	9·4	3·4	0	14	7	6	1	0	0	0	0	0	0	0	0	28
		19	80·0	73·3	25·2	72	1014·2	6·5	4·0	0	11	5	11	1	0	0	0	0	0	0	0	0	28

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY '73
(CONTINUED)

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	1,101-2,200	(miles) 1/4-2	2-3	3-5	5-10	10 or more
JAMAICA																							
MARSHALLS PEN	2300	07	63·5	62·5	18·8	94	1013·5	2·7	2·0	11	9	4	3	0	1	0	0	0	0	0	0	0	0
		13	76·5	73·9	27·5	88	1012·7	4·3	5·0	0	5	9	9	0	5	0	0	0	0	0	0	0	0
MASON RIVER FIEL	2300	07	64·1	63·1	19·3	95																	
MASON RIVER FIEL	2300	13	75·3	67·3	19·5	95																	
		19	71·8	67·5	21·3	80																	
MONYMUSK	30	07	76·5	72·6	25·8	83																	
MORANT POINT LH	6	01	77·3	73·5	26·6	83	1017·6	13·7	3·9	2	10	6	7	3	0	0	0	0	0	0	0	0	28
		07	76·6	73·6	26·9	86	1017·2	14·6	4·8	0	4	13	10	1	0	0	0	0	0	0	0	0	28
MORANT POINT LH	6	13	80·2	75·8	28·5	81	1017·8	15·4	4·0	0	8	13	5	2	0	0	0	0	0	0	0	0	28
		19	77·8	74·1	27·2	84	1016·7	14·4	4·1	0	11	7	4	6	0	0	0	0	0	0	0	0	28
ORANGE RIVER	950	08	69·6	68·4	23·2	94																	
		16	73·1	70·6	26·0	94																	
D·SANGSTER APT	3	01	71·5	69·4	23·8	90	1015·5	3·7	2·6	2	15	5	6	0	0	0	0	0	0	0	0	0	28
D·SANGSTER APT	3	07	70·3	68·1	22·6	89	1015·6	4·8	3·1	0	16	4	7	1	0	0	0	0	0	0	0	0	28
		13	79·4	73·0	25·0	73	1015·6	15·5	2·6	0	19	4	5	0	0	0	0	0	0	0	0	0	28
		19	74·3	71·7	25·5	88	1015·1	7·8	4·5	0	11	7	6	4	0	0	0	0	0	0	0	1	27
SMITHFIELD	925	08	71·8	67·5	21·3	80																	
TOP MOUNTAIN	3550	08	62·6	60·0	16·5	85																	
		13	69·8	66·6	20·8	84																	
CAYMAN ISLANDS																							
WEST BAY		08	78·0	70·7	22·7	69		11·0	3·2	2	11	8	4	3	0	0	0	0	0	0	0	0	0
BELIZE																							
BELIZE AIRPORT	17	06	67·4	66·6	22·2	97	1017·0	3·6	4·4	0	11	5	7	3	2	3	1	0	2	0	3	7	12
		12	79·0	71·8	23·5	70	1016·1	9·1	5·2	0	4	10	10	4	0	0	0	0	0	0	2	0	26
		18	76·4	71·0	23·6	76	1015·1	6·2	3·9	0	13	5	10	0	0	0	0	0	0	0	0	0	28
GUYANA																							
BARTICA POTARO R	400	08	75·4	73·8	27·8	93																	
		14	84·2	76·9	28·2	71																	
EBINI	60	08	75·9	73·7	27·4	90	1014·1	2·1	4·2	0	2	4	14	0	0	0	0	0	0	0	0	12	8
		14	86·4	74·5	23·5	55	1011·2	17·1	5·7	0	0	7	11	0	0	0	0	0	0	0	0	6	12
GEORGETOWN BOT G	7	08	80·5	74·8	26·8	76	1015·6	8·0	6·0	0	1	8	18	1	0	0	0	0	0	0	0	3	25

(CONTINUED)

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																							
GEORGETOWN BOT G	7	14	83·5	75·5	26·5	68	1012·8	10·0	5·4	0	1	14	12	1	0	0	0	0	0	0	0	3	25
HOSORORO		08	85·1	75·4	25·8	63																	
		14	83·6	75·3	26·3	67																	
ITABRU FALLS		08	76·2	73·8	27·9	94																	
		14	87·5	79·1	30·1	68																	
KAMARANG		08	69·8	68·5	23·1	93	1017·1	0·0	6·6	0	0	6	18	3	0	0	2	0	0	0	0	5	20
		14	80·6	71·6	22·4	63	1013·8	1·4	6·3	0	0	6	19	2	0	0	0	1	0	0	0	0	26
LETHEM	270	08	78·6	73·3	25·7	77	1014·1	13·4	5·5	0	0	12	15	1	0	0	0	0	0	0	0	0	28
		14	91·3	75·9	23·9	48	1011·0	13·3	4·8	0	0	10	18	0	0	0	0	0	0	0	0	0	28
MABARUMA	185	08	76·0	73·7	27·3	77	1014·0	1·4	4·7	0	3	15	8	1	0	0	0	0	0	0	0	11	16
MABARUMA	185	14	84·1	75·3	26·0	65	1012·8	4·0	5·8	0	0	10	16	1	0	0	0	0	0	0	0	25	2
MAHAICONY ABARY	6	08	79·8	74·9	27·3	79																	
		14	83·7	75·8	26·9	68																	
MATTHEWS RIDGE		08	74·9	74·0	23·5	80																	
		14	84·0	75·7	26·8	67																	
MAZARUNI PRISON	47	08	76·8	74·5	28·2	90																	
		14	84·5	76·5	27·5	68																	
MON REPOS		08	80·1	74·4	26·3	75																	
		14	84·8	77·9	29·8	73																	
NEW AMSTERDAM	3	08	80·4	76·5	29·5	83																	
NEW AMSTERDAM	3	14	87·1	78·7	29·7	68																	
PORT KAITUMA		08	75·7	73·5	27·5	91																	
		14	85·7	77·0	27·6	66																	
TIBOKU SITE		08	74·6	73·4	27·6	95																	
		14	85·1	76·5	27·3	66																	
TIMEHRI AIRPORT	95	02	72·1	71·4	25·9	96	1012·3	0·7	4·0	0	9	11	7	1	0	0	0	0	0	0	0	9	19
		08	76·1	73·5	27·0	88	1014·0	2·1	5·6	0	3	7	17	1	0	0	0	0	0	0	1	10	17
		14	85·8	75·0	24·9	59	1011·9	10·4	6·3	0	0	6	21	1	0	0	0	0	0	0	0	8	20
		20	75·6	73·2	26·9	89	1012·4	3·2	4·3	1	9	7	11	0	0	0	0	0	0	0	0	7	21
TIMEHRI CHS		08	75·0	73·5	27·5	93																	
TIMEHRI CHS		14	85·1	75·4	25·8	63																	
WAUNA		08	73·9	73·2	27·6	97		0·3	4·9	0	5	10	10	3	0	0	0	0	0	2	2	16	8
		14	83·6	75·3	26·3	67		6·1	5·7	0	0	14	10	3	0	0	0	0	0	1	0	8	18

TABLE II - SUMMARY OF DAILY OBSERVATIONS FEBRUARY '73

COUNTRY STATION	RAINFALL (INCHES)						AIR TEMPERATURE F					MEAN GRASS MIN	TOTAL SUNSHINE DURATION	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH MORE THAN .04	.40	1.00	MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
												^{0}F	hr				
TRINIDAD																	
CENTENO	1•79	•67	7	8	1	0	86•6	67•4	77•0	88	64		227•9				
PENAL AG STATION	•77	•27	1	4	0	0	88•0			91			191•8				
PIARCO AIRPORT	2•50	1•52	7	8	2	1	87•9	69•1	78•5	90	66		241•4	0	0	0	0
TOBAGO																	
CROWN POINT APT	1•66	•36	13	9	0	0	86•5	72•4	79•5	89	71		233•5	0	0	0	0
LOUIS D/OR	3•03	•57	16	12	4	0	84•0	73•0	78•5	86	69		236•0	0	0	0	0
GRENADA																	
PEARLS AIRPORT	2•54	•58	6	9	3	0	83•7	74•5	79•1	85	70						
BARBADOS																	
HUSBANDS CMI	2•15	1•16	8	9	1	1	84•0	69•5	76•8	86	67		239•3	0	0	0	0
SEAWELL AIRPORT	1•13	•27	26	6	0	0	83•4	73•4	78•4	85	71		268•5	0	0	0	0
ST LUCIA																	
HEWANORRA APT	•22	•07	2	2	0	0	85•3	73•4	79•4	87	64						
VIGIE AIRPORT	1•67	•34	2	10	0	0	84•7	71•0	77•9	87	68						
DOMINICA																	
MELVILLE HALL AP	3•61	1•31	6	16	2	1							222•6				
ANTIGUA																	
COOLIDGE AIRPORT	1•39	•52	26	9	1	0	83•3	70•8	77•1	85	66			0	0	0	0
DUNBARS	2•03	•40	26	12	1	0	85•8	72•3	79•1	90	65						
ST KITTS NEVIS																	
CAINES	2•01	•39	6	10	0	0											

TABLE II - SUMMARY OF DAILY OBSERVATIONS FEBRUARY '73
(CONTINUED)

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
ST KITTS NEVIS																	
CUNNINGHAM	2·07	·79	5	8	1	0											
NEEDSMUST	2·54	·50	6	12	2	0	85·1	69·9	77·5	87	68						
WEST FARM	2·75	·69	5	11	2	0											
BR VIRGIN IS																	
PARAQUITO BAY	1·16	·50	24	7	1	0	83·4	71·5	77·5	85	64		233·0				
JAMAICA																	
BERNARD LODGE	·53	·29	16	3	0	0	87·4	64·9	76·2	91	55		195·0				
BODLES	2·57	2·31	14	3	1	1	85·9	63·7	74·8	89	54		219·4				
CAENWOOD	5·22	1·12	10	14	5	1	81·5	71·4	76·5	85	63	68·5					
CEDAR VALLEY	5·26	3·46	14	6	3	1	79·1	59·6	69·4	83	52						
CINCHONA GARDENS	4·19	1·34	14	4	3	3	68·1	52·9	60·5	73	45						
DALLAS	1·59	·52	4	6	1	0	81·3	52·1	66·7	86	44						
DUCKENFIELD	3·07	1·30	14	10	2	1	82·5	69·5	76·0	86	60		184·9				
EAST ALBION NURS	·60	·27	14	3	0	0	86·5	69·5	78·0	90	65						
EMPIRE NURSERY	2·93	1·14	14	4	3	2	79·3	55·7	67·5	84	49						
FARM HILL	2·73	1·05	14	7	4	1	75·3	51·7	63·5	79	51						
FROME	1·18	·82	10	3	1	0	85·1	66·5	75·8	90	58		201·5				
HALLS DELIGHT	2·67	1·17	9	3	3	2	76·2	59·3	67·8	86	51						
IRWIN	2·90	1·60	10	3	2	2	85·8	65·7	75·7	91	59						
KINGSTON ST·GEO	·87	·55	9	4	1	0	86·2	70·1	78·2	91	66						
N·MANLEY AIRPORT	·60	·23	10	4	0	0	89·7	70·5	80·1	91	57		255·0	0	0	0	0
MARSHALLS PEN	1·68	1·07	14	4	1	1	78·9	59·1	69·0	82	52	58·5					
MASON RIVER FIEL	2·85	2·55	15	3	1	1	78·2	60·2	69·2	82	53						
MONYMUSK	1·16	1·16	16	1	1	1	88·0	54·2	71·1	91	52						
MORANT POINT LH	5·71	3·16	14	9	3	1	81·1	69·6	75·4	85	63						
ORANGE RIVER	4·94	2·10	18	7	3	3	78·9	64·9	71·9	83	57		172·3				
D·SANGSTER APT	1·49	1·18	10	2	1	1	82·9	69·4	76·2	87	61		212·2				

TABLE II - SUMMARY OF DAILY OBSERVATIONS FEBRUARY '73
(CONTINUED)

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 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																	
SMITHFIELD	2·65	1·64	10	7	1	1	79·4	63·3	71·4	85	51		209·9				
TOP MOUNTAIN	2·04	1·00	14	5	2	1	72·7	56·3	64·5	79	43						
CAYMAN ISLANDS																	
WEST BAY	·57	·49	9	2	1	0	82·3	68·8	75·6	87	57		215·5				
BELIZE																	
BELIZE AIRPORT	2·83	1·80	21	6	1	1	81·6	66·3	74·0	90	56		204·7	0	3	0	0
GUYANA																	
APOTERI	·65	·29	9	4	0	0											
BARTICA POTARO R	5·87	·76	9	17	6	0											
EBINI	·72	·26	28	3	0	0	84·2	65·0	74·6	91	62		146·7	0	1	0	0
GEORGETOWN BOT G	·90	·24	25	6	0	0	85·1	76·0	80·6	88	72	71·6	192·9				
HOSORORO	2·40	·66	9	10	2	0	87·1	70·9	79·0	90	69						
ITABRU FALLS	2·17	·79	28	8	1	0	90·6	71·1	80·9	95	64	69·0					
KAMARANG	1·58	·57	7	10	1	0	83·4	67·7	75·6	87	63	65·4	159·8	0	3	0	0
LETHEM	·00	·00	13	0	0	0	93·4	72·9	83·2	96	72						
MABARUMA	3·35	1·59	9	7	4	1	83·3	69·0	76·2	89	69						
MAHAICONY ABARY	·41	·25	28	3	0	0	86·3	74·8	80·6	88	68						
MATTHEWS RIDGE	·82	·40	9	3	1	0	88·4	69·4	78·9	90	68						
MAZARUNI PRISON	1·24	·50	27	4	1	0	92·0	68·8	80·4	92	68		138·1	0	1	0	0
MON REPOS	·95	·23	3	6	0	0	86·0	73·1	79·6	88	70		215·4				
NEW AMSTERDAM	·36	·12	19	5	0	0	87·8	74·6	81·2	89	74						
PLANTAIN ISLAND	3·79	1·42	5	9	4	1								8	13	0	0
PORT KAITUMA	1·65	·32	6	10	0	0	88·7	70·0	79·4	94	65						
TIBOKU SITE	4·00	1·30	13	10	3	1	87·2	72·0	79·6	90	68	71·2	166·4	1	2	0	0
TIMEHRI AIRPORT	·46	·20	26	4	0	0	88·3	70·2	79·3	93	66			0	3	0	0
TIMEHRI CHS	·36	·14	5	4	0	0	87·5	68·8	78·2	91	64						
WAUNA	2·22	·66	7	10	1	0	86·8	68·1	77·5	90	65		185·1	0	20	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					EXTREMES				
	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	78	123	6•46	•30	28												
PENAL AG STATION	37	65	5•54	•27	21												
PIARCO AIRPORT	92	123	7•14	•32	2										13804	566	311
TOBAGO																	
CROWN POINT APT	81	152	6•22	•44	7												
LOUIS D/OR	31	59	5•97	•28	28												
BARBADOS																	
HUSBANDS CMI	108	160	7•23	•48	18	89•4	67•0	95	22	63							
ST KITTS NEVIS																	
CUNNINGHAM			4•84M	•27	22												
BR VIRGIN IS																	
PARAQUITO BAY	115	218	7•04	•35	5										11679	530	244
JAMAICA																	
BERNARD LODGE			4•24	•28	27												
BODLES	43	78	6•42	•36	5												
CEDAR VALLEY			4•47M	•43	10										15038	606	416
DUCKENFIELD			4•05	•23	5												
EAST ALBION NURS	41	114	6•08	•47	14												
EMPIRE NURSERY	12	35	4•03	•28	4												
FROME			5•03	•27	11												
N•MANLEY AIRPORT	104	264	7•50M	•48	10												
ORANGE RIVER	38	88	•	•													
D•SANGSTER APT	114	178	•	•											11568	544	124
SMITHFIELD	68	154	4•27	•25	10	82•3	67•9	87	9	62	78•5	70•1	82	65			
CAYMAN ISLANDS																	
WEST BAY	149	281	6•69	•36	21	93•	75•3	101	15	69	85•8	77•1	90	73	12277	539	224
GUYANA																	
APOTERI			6•86	•36	28												
EBINI	85	185	7•08	•38	15	85•3	78•1	96	1	76	83•3	80•3	94	79			
GEORGETOWN BOT G	104	136	5•93	•43	27										10772	614	220
ITABRU FALLS			5•88	•27	24												
KAMARANG	49	80	5•17	•30	18												
MAHAICONY ABARY	171	355	7•55	•63	18												
PLANTAIN ISLAND			3•86	•26	21												
TIBOKU SITE	25	49	4•24	•25	25												
TIMEHRI CHS	65	97	•	•													
WAUNA	17	28	4•52	•28	23	92•	75•0	97	17	73	89•8	76•5	94	75			

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	.10	.16	.29	.39	.67	.67	.67	.67
PENAL AG STATION	.14	.16	.16	.16	.16	.26	.27	.27
PIARCO AIRPORT	.22	.41	.61	1.02	1.46	1.52	1.52	1.52
TOBAGO								
CROWN POINT APT	.09	.13	.20	.20	.29	.34	.34	.34
LOUIS D/OR	.12	.16	.29	.37	.45	.45	.45	.57
BARBADOS								
HUSBANDS CMI	.11	.15	.24	.45	.47	.71	1.16	1.16
SEAWELL AIRPORT	.03	.23	.23	.23	.23	.24	.27	.27
BR VIRGIN IS								
PARAQUITO BAY	.15	.15	.15	.15	.15	.23	.39	.50
JAMAICA								
N MANLEY AIRPORT	.02	.04	.06	.11	.16	.22	.22	.22
D.SANGSTER APT	.06	.10	.15	.26	.39	.77	1.18	1.18
SMITHFIELD	.12	.24	.40	.45	.70	.87	1.37	1.64
CAYMAN ISLANDS								
WEST BAY	.27	.28	.33	.38	.46	.46	.48	.49
GUYANA								
APAIKWA	.20	.22	.25	.28	.30	.38	.39	.62
APOTERI	.16	.21	.27	.27	.27	.27	.29	.29
COOPERS LANDING	.13	.21	.29	.44	.65	.86	1.08	1.08
EBINI	.08	.13	.15	.18	.18	.19	.23	.23
ETERINGBANG	.20	.26	.29	.30	.30	.30	.33	.45
GEORGETOWN BOT G	.11	.11	.12	.12	.12	.12	.16	.16
ITABRU FALLS	.28	.34	.04	.35	.48	.60	.79	.79
KAMARANG	.12	.17	.20	.24	.37	.48	.57	.57
KERAHA LDG	.11	.14	.18	.23	.34	.43	.59	.59
LETHEM	.00	.00	.00	.00	.00	.00	.00	.00
MACKENZIE	.10	.13	.16	.22	.33	.50	.56	.57
MAHAICONY ABARY	.02	.05	.08	.10	.18	.19	.19	.25
MATTHEWS RIDGE	.10	.11	.11	.16	.27	.28	.40	.40
NEW AMSTERDAM	.04	.04	.04	.04	.04	.05	.08	.12
PLANTAIN ISLAND	.21	.36	.67	.93	1.23	1.31	1.42	1.42
SIPARUTA	.07	.07	.07	.08	.10	.13	.24	.24
TIBOKU SITE	.36	.49	.52	.59	.61	.63	.76	1.08
TIMEHRI AIRPORT	.12	.12	.13	.13	.16	.18	.20	.20
TIMEHRI CHS	.07	.08	.09	.12	.13	.13	.14	.14
WAUNA	.20	.28	.32	.50	.66	.66	.66	.66

TABLE V - SUMMARY OF WINDSPEED RECORDS - FEBRUARY '73

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												
CENTENO	06	15	15	1	06	23	1420	1	0	0	0	3·8
PENAL AG STATION	09	14	15	26	14	27	1450	1	0	0	0	4·3
PIARCO AIRPORT	08	18	12	26	07	28	1515	1	0	0	0	6·1
TOBAGO												
CROWN POINT APT	11	16	11	20	14	23	0950	1	0	0	0	6·8
ANTIGUA												
COOLIDGE AIRPORT	12	18	10	27	11	35	0510	27	1	0	0	10·0
CAYMAN ISLANDS												
WEST BAY	32	20	22	10	33	35	2045	10	2	0	0	9·2
GUYANA												
EBINI	02	17	15	14	03	25	1345	27	0	0	0	5·7
GTOWN OLD RIFLE	04	22	05	26	05	33	1215	1	0	0	0	13·7
TIMEHRI AIRPORT	06	15	21	2	03	22	1720	26	0	0	0	4·1

TABLE VI - SUMMARY OF SUNSHINE RECORDS FEBRUARY '73

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	56	85	83	87	82	84	86	80	79	56	34	0	227.9	69	10.4	21	0	2	2	10	14	0
PENAL AG STATION	0	0	47	86	89	89	81	75	65	53	46	36	18	0	191.8	58	10.0	21	0	2	4	18	4	0
PIARCO AIRPORT	0	26	80	86	85	86	80	89	83	75	79	67	27	0	241.4	73	11.3	21	0	2	1	9	16	0
ST AUGUSTINE UWI	0	25	81	94	87	83	85	73	73	71	79	70	31	0	238.8	72	11.2	27						
TOBAGO																								
CROWN POINT APT	0	26	82	77	76	82	72	69	79	79	78	78	34	0	233.5	71	11.2	22	0	2	5	6	15	0
LOUIS D/OR	0	25	74	73	75	79	88	91	86	91	87	69	1	0	236.0	72	10.7	21	0	0	4	9	15	0
GRENADA																								
MIRABEAU	0	18	48	58	74	76	75	84	83	76	70	46	13	0	196.8	60	10.6	15						
BARBADOS																								
HUSBANDS CMI	0	31	85	83	90	94	84	78	76	76	71	61	26	0	239.3	73	10.7	15	0	1	3	8	16	0
SEAWELL AIRPORT	0	29	80	84	86	89	94	92	95	98	90	87	35	0	268.5	82	11.0	9	0	0	2	6	20	0
DOMINICA																								
MELVILLE HALL AP	0	19	67	75	81	81	82	81	88	83	68	58	9	0	222.6	68	10.5	19	0	1	2	17	8	0
BR VIRGIN IS																								
PARAQUITO BAY	0	22	73	86	89	87	88	85	82	79	81	58	0	0	233.0	72	10.2	10	0	1	3	11	13	0

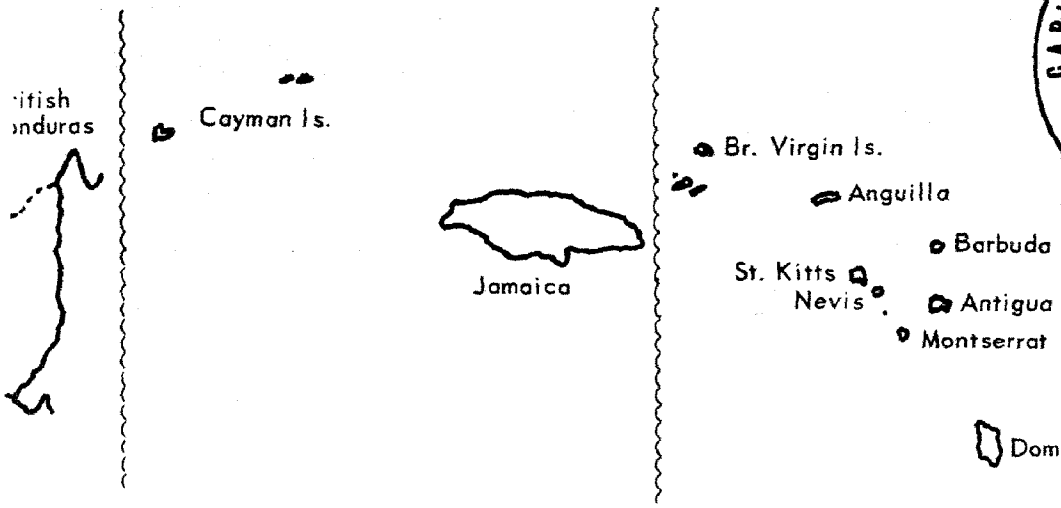
TABLE VI - SUMMARY OF SUNSHINE RECORDS FEBRUARY '73

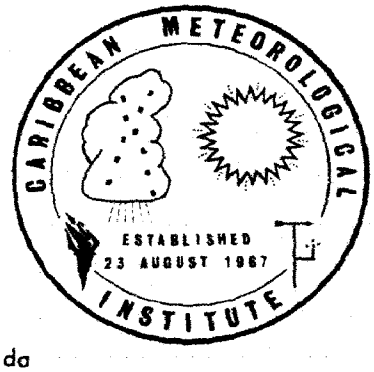
COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)													TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	More than 12
TRINIDAD																								
CENTENO	0	3	56	85	83	87	82	84	86	80	79	56	34	0	227·9	69	10·4	21	0	2	2	10	14	0
PENAL AG STATION	0	0	47	86	89	89	81	75	65	53	46	36	18	0	191·8	58	10·0	21	0	2	4	18	4	0
PIARCO AIRPORT	0	26	80	86	85	86	80	89	83	75	79	67	27	0	241·4	73	11·3	21	0	2	1	9	16	0
ST AUGUSTINE UWI	0	25	81	94	87	83	85	73	73	71	79	70	31	0	238·8	72	11·2	27						
TOBAGO																								
CROWN POINT APT	0	26	82	77	76	82	72	69	79	79	78	78	34	0	233·5	71	11·2	22	0	2	5	6	15	0
LOUIS O/OR	0	25	74	73	75	79	88	91	86	91	87	69	1	0	236·0	72	10·7	21	0	0	4	9	15	0
GRENADA																								
MIRABEAU	0	18	48	58	74	76	75	84	83	76	70	46	13	0	196·8	60	10·6	15						
BARBADOS																								
HUSBANDS CWI	0	31	85	83	90	94	84	78	76	76	71	61	26	0	239·3	73	10·7	15	0	1	3	8	16	0
SEAWELL AIRPORT	0	29	80	84	86	89	94	92	95	98	90	87	35	0	268·5	82	11·0	9	0	0	2	6	20	0
DOMINICA																								
MELVILLE HALL AP	0	19	67	75	81	81	82	81	88	83	68	58	9	0	222·6	68	10·5	19	0	1	2	17	8	0
BR VIRGIN IS																								
PARAQUITO BAY	0	22	73	86	89	87	88	85	82	79	81	58	0	0	233·0	72	10·2	10	0	1	3	11	13	0

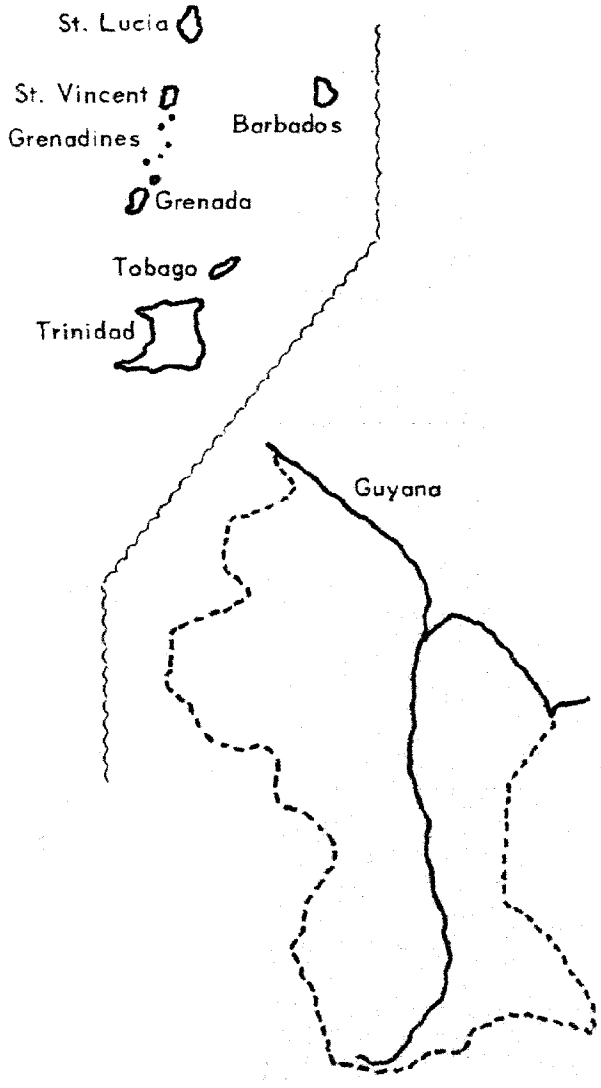
TABLE VI - SUMMARY OF SUNSHINE RECORDS - FEBRUARY '73

CONTINUED

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	2	69	87	91	93	86	85	78	82	65	42	3	0	219.4	68	10.1	23	0	1	2	14	11	0
FROME	0	3	69	76	85	87	84	82	75	57	56	48	1	0	201.5	62	9.9	12	0	1	4	18	5	0
N.MANLEY AIRPORT	0	35	88	97	98	90	90	88	88	87	79	62	10	0	255.0	79	10.5	7	0	0	2	7	16	0
ORANGE RIVER	0	1	46	69	69	69	68	73	67	68	57	33	1	0	172.3	53	9.6	3	0	6	3	13	5	0
D.SANGSTER APT	0	9	57	73	78	81	86	84	80	74	63	55	16	0	212.2	66	10.8	2	0	2	4	11	11	0
SMITHFIELD	0	20	71	71	83	85	85	78	71	70	64	44	9	0	209.9	65	10.8	3	0	2	3	16	7	0
CAYMAN ISLANDS																								
WEST BAY	0	11	62	81	82	82	88	86	73	71	67	51	15	0	215.5	67	10.1	22	0	2	4	12	10	0
BELIZE																								
BELIZE AIRPORT	0	17	64	70	72	76	72	72	71	68	68	64	17	0	204.7	63	10.7	24	2	2	3	8	11	0
GUYANA																								
EBINI	0	1	37	64	62	57	49	49	44	49	46	40	16	0	146.7	44	10.4	16	0	6	11	7	2	0
GEORGETOWN BOT G	0	9	49	58	73	73	68	64	73	72	72	65	16	0	192.9	58	10.8	24	0	1	12	7	8	0
KAMARANG	0	1	25	33	41	51	51	63	57	67	22	67	39	0	159.8	48	10.4	16	0	5	12	5	5	0
MAZARUNI PRISON	0	3	34	50	60	60	58	50	52	56	40	42	3	0	138.1	43	10.2	15	0	10	8	4	5	0
MON REPOS	0	20	49	65	72	71	81	69	84	83	79	66	27	0	215.4	65	11.0	17	0	0	6	13	9	0
TIBOKU SITE	0	20	49	58	68	71	65	50	57	60	56	34	6	0	166.4	50	10.4	16	0	5	8	11	4	0
WAUNA	0	9	59	74	66	62	70	69	64	59	58	49	23	0	185.1	56	10.8	17	0	5	6	8	9	0







Monthly Weather Summary

March 1973

MONTHLY WEATHER SUMMARY

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

March 1973

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COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	(eights)							(yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations													
		LST								0	1,2	3-5	6,7	8	9	0-440	440-1,100	1,100-2,200	¼- 2	2 - 3	3 - 5	5 -10	10 or more
	ft		°F	°F	mb	%	mb	kt															
TRINIDAD																							
CENTENO	80	08	78·9	74·2	26·7	79		3·6															
PENAL AG STATION	25	08	75·2	73·0	26·7	90		3·3															
PIARCO AIRPORT	41	02	74·5	71·8	25·4	87	1013·3	3·8	3·9	0	8	16	6	1	0	0	0	0	0	0	0	7	24
		08	78·4	75·5	26·0	72	1014·7	7·8	4·2	0	9	11	11	0	0	0	0	0	0	0	0	11	20
		14	86·9	74·5	23·5	54	1013·3	13·1	5·5	0	1	13	16	1	0	0	0	0	0	0	1	6	24
PIARCO AIRPORT	41	20	77·7	73·2	26·0	80	1013·3	6·0	4·2	2	8	9	12	0	0	0	0	0	0	0	0	10	21
ST AUGUSTINE UWI	52	09	82·8	74·1	25·0	87		16·4															
TOBAGO																							
CROWN POINT AIRP	9	02	76·9	72·1	24·7	78	1013·2	6·4	4·6	0	6	11	13	0	0	0	0	0	0	0	0	0	30
		08	80·5	73·8	25·1	71	1015·0	9·4	5·6	0	3	6	22	0	0	0	0	0	0	0	0	2	29
		14	85·8	75·5	25·7	61	1013·4	13·1	5·1	0	6	6	18	0	0	0	0	0	0	0	0	1	29
		20	78·2	72·9	25·3	77	1013·4	7·1	4·4	0	6	10	13	1	0	0	0	0	0	0	0	1	29
LOUIS D/OR	40	08	80·5	73·5	25·0	70		1·9															
GRENADA																							
PEARLS AIRPORT	22	08	79·6	71·0	26·1	76	1015·1	11·0	4·4	0	5	13	9	1	0	0	0	0	0	0	0	1	27
		14	82·5	75·7	27·4	72	1013·9	11·7	4·2	1	4	9	7	0	0	0	0	0	0	0	0	1	20
BARBADOS																							
HUSBANDS CHI	370	08	77·7	72·0	24·3	75	1016·1	10·8	4·6	0	9	9	12	1	0	0	0	0	0	0	0	6	25
SEAWELL AIRPORT	183	02	76·6	71·6	24·5	78	1014·1	10·7	4·2	0	7	15	8	1	0	0	0	0	0	0	0	0	31
		08	78·5	72·7	25·0	75	1016·1	12·3	4·5	0	9	7	13	2	0	0	0	0	0	0	0	2	29
		14	81·7	73·7	24·9	67	1014·6	13·0	5·1	0	3	13	14	1	0	0	0	0	0	0	0	0	31
		20	77·6	72·3	24·7	76	1015·1	10·6	4·6	0	7	12	9	3	0	0	0	0	0	0	0	0	31
ST LUCIA																							
HEWANORRA APT		09	81·2	74·8	26·3	72	1015·6	14·0	4·6	0	7	10	10	0	0	0	0	0	0	0	0	0	27
		14	83·7	78·9	27·1	69	1014·0	12·8	4·4	0	5	13	7	1	0	0	0	0	0	0	0	0	26
CASTRIES WINBAN	200	09	80·7	72·7	·	66																	
VIGIE AIRPORT	7	08	79·2	72·4	24·1	71	1015·9	8·0	3·9	0	12	9	9	0	0	0	0	0	0	0	0	0	30
		14	83·9	73·6	23·7	60	1014·6	11·3	4·5	0	6	12	12	0	0	0	0	0	0	0	0	0	30
DOMINICA																							
MELVILLE HALL AP	43	08	78·6	72·4	24·3	73	1015·8	1	·7	4·9	0	2	14	9	3	0	0	0	0	6		1	12	15
		14	81·5	73·3	24·3	66	1014·9	1	·4	4·9	0	7	11		4	0	0	0	0			1	6	

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): 1/2 - 2	2 - 3	3 - 5	5 -10	10 or more
MONTSERRAT																								
GROVE	150	08	76•3	71•4	24•3	79																		
ANTIGUA																								
COOLIDGE AIRPORT	26	08	77•6	72•9	25•6	79	1016•8	12•2	4•4	0	9	10	11	1	0	0	0	0	0	0	0	0	0	31
		14	82•1	74•4	25•7	69	1015•8	13•6	4•6	0	6	11	13	1	0	0	0	0	0	0	0	0	0	31
		20	76•7	72•6	25•6	82	1016•0	10•9	3•0	2	15	10	2	2	0	0	0	0	0	0	0	0	0	31
DUNBARS	220	09	80•3	72•8	24•1	68																		
		15	82•1	74•5	25•7	69																		
ST KITTS NEVIS																								
GOLDEN ROCK APT		08	77•6	71•4	23•5	74	1018•6	12•5	4•7	0	3	16	12	0	0	0	0	0	0	0	0	0	0	31
		14	81•2	72•7	23•7	65	1017•4	13•6	4•1	0	8	15	7	1	0	0	0	0	0	0	0	0	0	31
JAMAICA																								
ALLSIDES		07	67•0	65•3	20•4	90																		
BODLES	60	07	69•7	68•4	23•3	94																		
		13	86•1	75•6	25•7	60																		
CEDAR VALLEY	1980	07	67•3	65•5	20•6	90																		
		13	80•2	71•3	22•2	65																		
CINCHONA GARDENS	4897	07	61•1	57•8	14•9	81																		
		16	65•9	62•7	18•1	83																		
DALLAS	950	09	77•3	71•2	23•4	73																		
		15	83•6	73•9	24•3	62																		
DUCKENFIELD	60	08	79•0	74•7	27•5	81																		
EAST ALBION NURS	90	07	75•0	69•5	22•1	75																		
		16	86•4	74•5	23•9	56																		
FARM HILL	4020	07	62•5	61•5	18•.	94																		
		16	72•5	66•1	19•3	70																		
HALLS DELIGHT	3020	07	70•3	64•6	18•2	72																		
HALLS DELIGHT	3020	13	75•2	67•8	20•0	67																		
IRWIN	80	08	78•0	74•0	27•0	83																		
		15	85•3	77•0	28•0	67																		
KINGSTON ST GEO	90	07	74•5	70•7	23•9	82																		
		13	85•5	76•4	27•1	65																		

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eights)							VISIBILITY (No. of Observations)								
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations						(yards)			(miles)				
										0	1,2	3-5	6,7	8	9	0-440	440-1,100	1,100-2,200	1/4-2	2-3	3-5	5-10	10 or more
	ft	LST	°F	°F	mb	%	mb	kt															
JAMAICA																							
N.MANLEY AIRPORT	9	01	78.4				1013.7	3.6	1.1	9	19	3	0	0	0	0	0	0	0	0	0	0	31
		07	77.1	72.7	25.5	80	1014.1	3.9	1.6	0	27	1	3	0	0	0	0	0	0	0	0	0	31
		13	85.3	69.7	25.7	62	1013.6	20.3	2.5	0	19	8	3	1	0	0	0	0	0	0	0	0	31
		19	81.2	75.6	27.8	76	1012.7	12.9	2.3	0	21	7	2	1	0	0	0	0	0	0	0	0	31
MARSHALLS PEN	2300	07	67.8	65.1	20.0	86		3.4	2.1	8	14	5	2	0	2								
MARSHALLS PEN	2300	13	80.5	72.9	24.3	68		8.4	3.8	0	10	12	9	0	0								
MASON RIVER FIEL	2300	07	66.0	65.5	21.1	97																	
		13	78.4	72.1	24.2	73																	
		19	65.7	63.9	19.4	90																	
MONYMUSK	30	07	77.7	76.2	30.1	93																	
MORANT POINT LH	6	01	79.0	75.2	28.2	83	1016.1	11.9	3.1	3	8	17	3	0	0	0	0	0	0	0	0	0	31
		07	79.2	75.4	28.4	84	1016.7	12.9	3.8	0	6	21	4	0	0	0	0	0	0	0	0	0	31
		13	82.7	77.0	29.1	76	1017.2	12.5	3.6	0	9	17	4	1	0	0	0	0	0	0	0	0	31
		19	80.0	75.8	29.7	82	1015.7	11.6	3.1	1	17	8	3	2	0	0	0	0	0	0	0	0	31
ORANGE RIVER	950	08	73.4	71.9	26.0	93																	
ORANGE RIVER	950	16	79.0	76.1	29.4	87																	
D SANGSTER APT	3	01	73.0	71.7	25.9	94	1014.3	2.3	1.4	7	20	2	1	1	0	0	0	0	0	0	0	0	31
		07	72.3	70.8	25.0	92	1014.5	3.5	2.1	1	20	8	2	0	0	0	0	0	0	0	0	0	31
		13	82.4	76.3	28.3	75	1014.3	14.3	2.3	0	22	6	2	1	0	0	0	0	0	0	0	1	30
		19	77.1	75.0	28.7	90	1013.4	5.8	3.9	0	12	7	11	1	0	0	0	0	0	0	0	1	30
SMITHFIELD	925	08	75.2	71.0	24.4	82																	
TOP MOUNTAIN	3550	08	65.1	62.2	17.8	82																	
		13	70.4	65.8	17.7	78																	
WORTHY PARK	1250	07	65.6	64.9	20.7	96																	
		15	78.5	71.7	23.4	70																	
CAYMAN ISLANDS																							
WEST BAY		09	83.0	75.5	26.8	70		11.1	2.4	1	20	7	2	1	0								
BELIZE																							
BELIZE AIRPORT	17	06	76.1	73.9	27.6	90	1011.2			1	8	5	16	1	0	0	1	0	0	0	2	9	19
		12	84.8	76.6	27.7	68	1012.0	10.8	4.8	1	6	9	13	2	0	0	0	0	0	0	0	7	24
		18	80.4	75.5	27.8	79	1009.9	7.7	3.8	2	12	7	8	2	0	0	0	0	0	0	0	8	23
GUYANA																							
BARTICA POTARO R	400	08	77.4	76.5	30.7	96																	
		14	89.8	77.4	26.5	55																	
CAMP JAGUAR		08	75.0	73.5	27.2	92																	
		14	85.8	76.6	27.0	64																	
KOINI	60	08	76.5	74.5	28.3	91	1014.0			0	4	6	12	2	0	0	0	0	0	0	1	23	0

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): 1⅓-2	2-3	3-5	5-10	10 or more
GUYANA																								
EBINI	60	14	85·6	75·9	26·2	63	1010·9			0	0	4	19	1	0	0	0	0	0	0	0	10	14
FRIENDSHIP		08	76·1	74·6	28·6	93																	
		14	85·4	75·8	26·1	63																	
GEORGETOWN BOT G	7	08	81·5	75·2	27·1	74	1014·5	10·2	5·8	0	0	11	18	2	0	0	0	0	0	0	0	3	28
		14	84·1	76·0	27·1	68	1014·9	11·7	5·8	0	3	7	19	2	0	0	0	0	0	0	0	4	27
HOSORORO		08	77·4	74·0	27·1	84																	
		14	85·2	75·4	25·6	62																	
ITABRU FALLS		08	75·5	74·3	28·6	95																	
		14	88·2	79·2	30·1	66																	
KAIETEUR FALLS		08	79·8	73·2	24·9	72																	
		14	71·0	70·1	24·7	96																	
KAMARANG		08	70·9	68·8	23·1	90	1016·7	0·0	6·5	0	0	3	24	3	0	0	0	0	0	0	0	4	26
		14	81·9	72·1	22·5	60	1013·1	3·0	6·5	0	0	2	27	1	0	0	0	0	0	0	0	0	30
LETHEM	270	08	79·0	73·9	26·3	78	1014·5	18·0	5·9	0	0	10	16	5	0	0	0	0	0	0	0	2	29
		14	91·2	76·6	24·7	49	1010·8	16·5	5·9	0	0	11	17	3	0	0	0	0	0	0	0	0	31
MABARUMA	185	08	77·5	74·3	27·5	85	1014·0	1·4	4·8	0	5	12	13	1	0	0	0	0	0	0	1	15	15
		14	85·6	75·4	25·5	61	1012·4	5·0	5·9	0	0	13	13	5	0	0	0	0	0	0	0	31	0
MAHAICONY ABARY	6	08	80·5	75·8	28·3	80																	
		14	84·6	76·7	27·4	68																	
MATTHEWS RIDGE		08	74·6	73·7	28·0	96																	
		14	83·6	75·3	26·2	67																	
MAZARUNI PRISON	47	08	77·5	74·9	28·4	88																	
		14	86·5	76·0	26·0	60																	
MON REPOS		08	80·4	74·2	26·2	74																	
		14	85·2	75·3	25·5	62																	
NEW AMSTERDAM	3	08	80·5	76·7	29·6	83																	
		14	86·9	78·6	29·7	68																	
PORT KAITUMA		08	75·5	73·8	27·8	92																	
		14	86·6	77·0	27·3	64																	
TIBOKU SITE		08	75·7	74·1	28·1	93																	
		14	85·7	77·2	28·1	62																	
TIMEHRI AIRPORT	95	02	72·6	71·9	26·5	97	1012·4	10·3	3·7	2	11	11	7	0	0	0	0	0	0	0	0	15	16
		08	77·5	74·6	28·0	87	1014·1	3·2	5·1	0	6	8	16	1	0	0	0	0	0	0	0	13	18
		14	85·3	75·4	25·7	62	1012·2	10·4	6·4	0	0	5	24	2	0	0	0	0	0	0	1	8	22
		20	76·0	73·7	27·3	89	1012·3	3·8	4·2	1	10	8	9	3	0	0	0	0	0	0	0	9	22
TIMEHRI CHS		08	76·6	74·6	28·4	91																	
		14	84·7	75·8	26·6	65																	
WAUNA		08	76·0	74·1	27·0	91		[illegible]	[illegible]	0	4	19	7	1	0	0	0	0	0	0	1	17	13
		14	85·[illegible]	[illegible]	25·[illegible]	[illegible]		[illegible]	[illegible]	0	0	13	13	3	0	0	0	0	0	0	0	6	25

TABLE II - SUMMARY OF DAILY OBSERVATIONS MARCH '73

COUNTRY STATION	RAINFALL (INCHES)						AIR TEMPERATURE F					MEAN GRASS MIN	TOTAL SUNSHINE DURATION	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH MORE THAN .04	.40	1.00	MEAN MAX A	MEAN MIN B	M.A.T. ½(A+B)	EXTREMES MAX	EXTREMES MIN	^{0}F	hr	THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	•43	•27	12	2	0	0	88•1	69•3	78•7	90	65		227•9				
PENAL AG STATION	•04	•02	12	0	0	0	83•4			92			199•6				
PIARCO AIRPORT	•30	•22	12	1	0	0	88•7	71•2	80•0	91	67	58•6	272•2				
ST AUGUSTINE UWI	•10	•09	12	1	0	0	89•6	69•7	79•7	91	66		280•1				
TOBAGO																	
CROWN POINT APT	•40	•15	8	4	0	0	87•3	74•3	80•8	90	71	70•8	272•8				
LOUIS D/OR	•57	•30	12	2	0	0	84•8	76•5	80•7	87	72		239•1				
GRENADA																	
PEARLS AIRPORT	1•72	•93	11	7	1	0	84•2	75•9	80•1	86	69						
BARBADOS																	
HUSBANDS CMI	•79	•48	9	5	1	0	85•2	70•9	73•1	89	67		225•0				
SEAWELL AIRPORT	2•77	2•04	9	9	1	1	83•7	74•3	79•0	85	71		259•4				
ST LUCIA																	
BEAUSEJOUR	•49	•24	9	4	0	0	86•0	58•0	72•0	88	54		240•4				
HEWANORRA APT	•69	•20	9	8	0	0	86•5	57•4	74•8	89	71						
ROSEAU WINBAN	•87	•14	5	9	0	0	85•2	70•8	78•0	89	61		256•3				
VIGIE AIRPORT	1•09	•31	6	10	0	0	85•4	72•2	78•8	89	68						
DOMINICA																	
MELVILLE HALL AP	4•18	2•08	29	16	2	1	83•2	72•2	77•7	85	67		214•7				
MONTSERRAT																	
GROVE	2•73	1•03	7	11	2	1	82•7			92			244•4				
ANTIGUA																	
COOLIDGE AIRPORT	•85	•29	7	7	0	0	80•1	68•0	74•1	87	67						
DUNBARS	1•03	•38	8	6	0	0	86•1	71•9	79•0	92	65						

TABLE II - SUMMARY OF DAILY OBSERVATIONS MARCH '73
(CONTINUED)

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 MORE THAN .04	.40	1.00	MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
ST KITTS NEVIS																	
CUNNINGHAM	3·28	1·50	24	5	3	1											
NEEDSMUST	1·38	·68	7	6	1	0	85·6	72·0	78·8	88	68						
BR VIRGIN IS																	
PARAQUITO BAY	1·41	·43	6	9	1	0	81·1	72·8	77·0	86	67		262·9				
JAMAICA																	
ALLSIDES	5·42	1·57	24	10	3	3	80·8	61·7	71·3	85	60		210·7				
BERNARD LODGE							89·3	66·9	78·1	92	65		240·5				
BODLES	·54	·15	7	4	0	0	89·4	66·4	77·9	91	63		257·2				
CAENWOOD	3·76	·46	5	19	1	0	87·3	74·6	81·0	89	68						
CEDAR VALLEY	1·13	·40	11	5	1	0	81·8	60·0	70·9	87	56						
CINCHONA GARDENS	1·24	·60	1	5	1	0	70·9	55·3	63·1	75	54						
DALLAS	1·03	·89	18	3	1	0	82·7	53·6	68·1	87	52						
DUCKENFIELD	2·73	1·50	4	7	2	1	85·1	71·3	78·2	87	66		245·0				
EAST ALBION NURS	·34	·22	11	3	0	0	87·7	72·0	79·8	92	69						
EMPIRE NURSERY	1·53	1·14	18	4	1	1	81·8	58·5	70·2	85	57						
FARM HILL	1·99	1·63	18	4	1	1	74·1	52·3	63·2	78	51						
FROME	6·62	1·59	4	12	7	1	86·4	68·2	77·3	90	65		195·2				
HALLS DELIGHT	1·22	·55	18	4	1	0	78·6	60·8	69·7	82	59						
IRWIN	4·32	1·97	3	6	3	2	89·0	67·0	78·0	95	63						
KINGSTON ST·GEO	·14	·07	12	2	0	0	88·5	72·2	80·4	91	70						
N·MANLEY AIRPORT	·10	·06	4	2	0	0	87·5	74·5	81·0	90	69		270·1				
MARSHALLS PEN	1·54	·64	11	5	1	0	81·3	61·7	71·5	84	57	61·1					
MASON RIVER FIEL	2·40	·70	2	7	2	0	80·7	61·1	70·9	84	58						
MONYMUSK							89·4	57·5	73·5	92	55		258·3				
MORANT POINT LH	4·35	1·81	4	6	3	2	82·6	72·1	77·4	87	63						
ORANGE RIVER	1·33	·61	2	5	1	0	82·5	67·1	74·9	87	64		232·8				
O·SANGSTER APT	2·62	·87	3	5	3	0	86·4	70·9	78·6	90	68		276·3				
SMITHFIELD	5·61	2·18	11	13	5	1	82·0	64·3	73·2	86	60		190·3				
TOP MOUNTAIN	·68	·26	18	3	0	0	75·9	58·0	67·0	81	53						
WORTHY PARK	2·92	·64	11	7	3	0	83·9	63·3	73·6	88	59		230·7				

TABLE II - SUMMARY OF DAILY OBSERVATIONS MARCH '73
(CONTINUED)

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 MORE THAN .04	.40	1.00	MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
CAYMAN ISLANDS																	
WEST BAY	•03	•03	19	0	0	0	86•5	73•2	79•9	89	68		266•0				
BELIZE																	
BELIZE AIRPORT	•30	•10	19	4	0	0	86•5	75•1	80•8	94	66		253•6	0	1	0	0
GUYANA																	
APOTERI	3•59	•98	19	11	3	0											
BARTICA POTARO R	3•81	1•30	2	9	3	1	90•6	69•5	80•1	93	67						
CAMP JAGUAR	5•09	1•03	20	14	5	1	87•6	71•4	79•5	92	66		188•3	3	0	0	0
EBINI	4•41	•88	15	13	5	0	89•0	70•8	79•9	92	67		145•3	2	0	0	0
FRIENDSHIP	4•77	•90	19	13	5	0	87•4	70•3	78•8	92	65		185•3				
GEORGETOWN BOT G	•62	•16	10	4	0	0	85•8	76•8	81•3	88	73	70•3	234•3				
HOSORORO	1•30	•69	14	7	1	0	88•1	71•5	79•8	91	69						
ITABRU FALLS	5•24	1•63	15	14	3	2	90•6	72•4	81•5	93	68	71•1		4	0	0	0
KAIETEUR FALLS	6•69	1•31	15	17	6	1	82•0	69•3	75•6	86	66	69•0		0	4	0	0
KAMARANG	2•69	•63	15	12	1	0	84•4	67•7	76•1	87	65	65•2	181•4				
LETHEM	•02	•02	19	0	0	0	93•4	73•5	83•4	97	72						
MABARUMA	•73	•30	14	4	0	0	87•3	71•8	79•6	90	71			0	2	0	0
MAHAICONY ABARY	1•54	•43	15	8	1	0	86•5	75•6	81•0	90	73						
MATTHEWS RIDGE	•42	•30	18	2	0	0	88•2	68•8	78•5	90	67						
MON REPOS	•63	•16	15	5	0	0	86•5	72•3	79•4	88	69		202•5				
NEW AMSTERDAM	2•20	•52	23	14	2	0	87•7	74•5	81•1	90	73						
PLANTAIN ISLAND	4•31	1•15	15	12	5	1								10	10	0	0
PORT KAITUMA	2•74	•76	8	11	3	0	89•6	69•1	79•4	95	64						
TIBOKU SITE	7•41	1•38	16	11	7	4	87•5	72•4	79•9	90	70	71•9	156•0	3	0	0	0
TIMEHRI AIRPORT	2•10	•76	15	9	2	0	88•1	70•9	79•5	92	67			1	0	0	0
TIMEHRI CHS	2•84	•85	24	10	2	0	87•8	69•6	78•7	90	65						
WAUNA	1•04	•63	14	6	10	0	88•7	68•1	78•4	92	65		202•3	0	15	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS MARCH '73

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	100	130	7•94	•39	19										15144	566	372
PENAL AG STATION	71	100	7•57	•35	30												
PIARCO AIRPORT	116	162	9•35	•40	28												
ST AUGUSTINE UWI	177	254	7•31	•30	29										11769	531	126
TOBAGO																	
CROWN POINT APT	110	152	9•11	•42	29												
LOUIS D/OR	44	69	7•53	•33	20												
BARBADOS																	
HUSBANDS CWI	105	221	8•50	•45	30	87•7	68•7	105	3	64							
ST LUCIA																	
BEAUSEJOUR	228	570	8•98	•37	9										19303	698	552
MONTSERRAT																	
GROVE	148	235															
BR VIRGIN IS																	
PARAQUITO BAY	131	185	9•30	•35	3										13759	543	194
JAMAICA																	
ALLSIDES	117	176													10695	502	115
BODLES	64	106	8•40	•37	30										18447	666	337
CEDAR VALLEY			5•57	•33	15												
DUCKENFIELD			4•75	•23	30												
EAST ALBION NURS	59	92	6•49M	•41	11												
EMPIRE NURSERY	12	27	4•35	•30	29												
FARM HILL			3•27	•19	28												
FROME			5•37	•32	22												

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS CONTINUED MARCH '73

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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																	
N.MANLEY AIRPORT	131	242															
ORANGE RIVER	38	54	6.03M	.32	8										15320	700	219
D.SANGSTER APT	108	186															
SMITHFIELD	49	86	4.32	.35	11	83.2	70.6	89	23	70	80.5	72.3	85	70	11599	512	219
WORTHY PARK	37	88															
CAYMAN ISLANDS																	
WEST BAY	133	226	7.87	.35	15						89.9	83.1	96	81	15838	632	283
GUYANA																	
CAMP JAGUAR			5.83M	.31	17												
EBINI	83	107	6.54	.31	12	86.3	77.4	92	14	76	86.7	79.6	90	78			
FRIENDSHIP	64	89	6.31	.34	7												
GEORGETOWN BOT G	125	171	7.54	.30	5												
ITABRU FALLS			4.63	.22	3												
KAIETEUR FALLS			4.76	.26	29												
KAMARANG	59	81	6.20	.33	15												
MAHAICONY ABARY	146	210	8.87	.44	26												
TIBOKU SITE	31	40	4.55	.24	29												
WAUNA	30	46	6.29	.29	28	94.9	76.2	99	24	73	91.6	77.7	97	75			

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS MARCH '73

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	.05	.07	.08	.08	.13	.16	.24	.26
PENAL AG STATION	.02	.02	.02	.02	.02	.02	.02	.02
PIARCO AIRPORT	.04	.07	.07	.08	.09	.16	.20	.21
ST AUGUSTINE UWI		.03	.05	.05	.05	.06	.09	.09
TOBAGO								
CROWN POINT APT	.07	.08	.09	.09	.09	.14	.15	.15
LOUIS D/OR	.07	.08	.08	.08	.12	.14	.16	.16
BARBADOS								
HUSBANDS CMI	.06	.10	.10	.20	.23	.29	.34	.48
BR VIRGIN IS								
PARAQUITO BAY	.41	.41	.41	.41	.41	.41	.41	.41
JAMAICA								
N MANLEY AIRPORT	.02	.04	.04	.06	.06	.06	.06	.06
S SANGSTER APT	.10	.20	.28	.41	.69	.82	.87	.87
SMITHFIELD	.29	.56	.73	1.24	1.64	1.81	2.14	2.18
CAYMAN ISLANDS								
WEST BAY	.03	.03	.03	.03	.03	.03	.03	.03
GUYANA								
APAIKWA	.47	.49	.50	.52	.52	.53	.64	1.00
APOTERI	.27	.47	.55	.61	.62	.66	.72	.85
BARTICA DEM. STA	.29	.49	.52	.52	.53	.53	.65	.65
CAMP JAGUAR	.27	.44	.46	.46	.72	.79	.85	.97
COOPERS LANDING	.11	.19	.23	.27	.31	.39	.47	.85
ERINI	.16	.22	.26	.30	.32	.60	.63	.77
ETERINGBANG	.21	.24	.41	.56	.72	.76	.86	.86
FRIENDSHIP	.17	.23	.30	.33	.37	.44	.56	.72
GEORGETOWN BOT G	.08	.10	.14	.14	.14	.16	.16	.16
GREAT FALLS	.23	.27	.41	.59	.76	.89	1.04	1.13
ITABRU FALLS	.21	.30	.30	.38	.57	.79	1.11	1.24
KAMARANG	.25	.26	.28	.28	.28	.31	.55	.62
KERAHA LDG	.12	.19	.24	.37	.46	.58	.93	.93
LETHEM	.01	.01	.01	.02	.02	.02	.02	.02
MACKENZIE	.12	.20	.22	.32	.46	.50	.64	.72
MAHAICONY ABARY	.07	.10	.13	.25	.31	.31	.33	.33
MATTHEWS RIDGE	.03	.04	.04	.06	.08	.09	.17	.22
NEW AMSTERDAM	.16	.20	.28	.30	.30	.30	.35	.40
PLANTAIN ISLAND	.17	.28	.35	.44	.54	.66	1.01	1.13
TIBOKU SITE	.36	.52	.74	1.00	1.12	1.17	1.18	1.23
TIMEHRI AIRPORT	.11	.13	.14	.15	.21	.34	.44	.58
TIMEHRI CHS	.29	.41	.45	.51	.60	.70	.84	.85
WAUNA	.11	.12	.16	.17	.28	.41	.63	.63

TABLE V - SUMMARY OF WINDSPEED RECORDS - MARCH '73

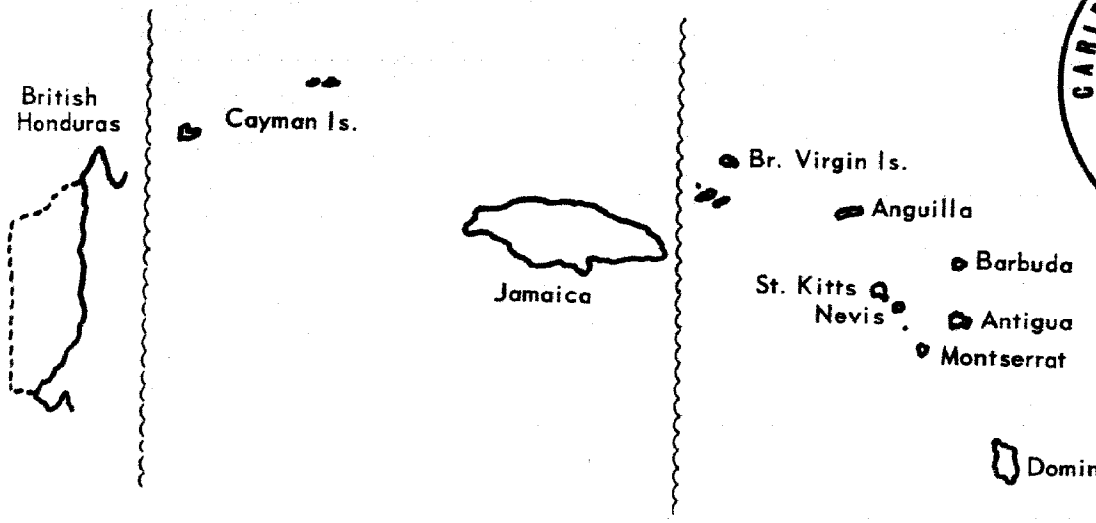
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
CENTENO	07	13	13	16	07	18	1225	16	0	0	0	4·5
PENAL AG STATION	09	16	13	16	09	26	1240	16	0	0	0	5·2
PIARCO AIRPORT	06	17	15	6	08	29	1320	30	0	0	0	8·2
TOBAGO												
CROWN POINT APT	12	16	13	21	13	24	1500	8	0	0	0	9·6
ANTIGUA												
COOLIDGE AIRPORT	11	21	06	9	11	32	0330	9	0	0	0	12·6
CAYMAN ISLANDS												
WEST BAY	10	20	15	9	13	30	1650	25	0	0	0	9·2
GUYANA												
EBINI	03	20	17	5	03	31	1330	3	0	0	0	5·2
GTOWN OLD RIFLE	05	21	21	7	05	28	2155	7	0	0	0	15·0
KAMARANG	07	4	15	3	10	6	1415	7	0	0	0	1·1
TIMEHRI AIRPORT	04	11	11	31	03	24	1535	2	0	0	0	5·2

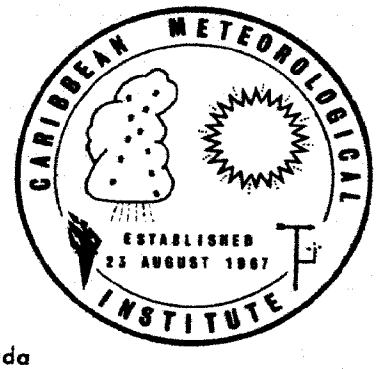
TABLE VI - SUMMARY OF SUNSHINE RECORDS MARCH '73

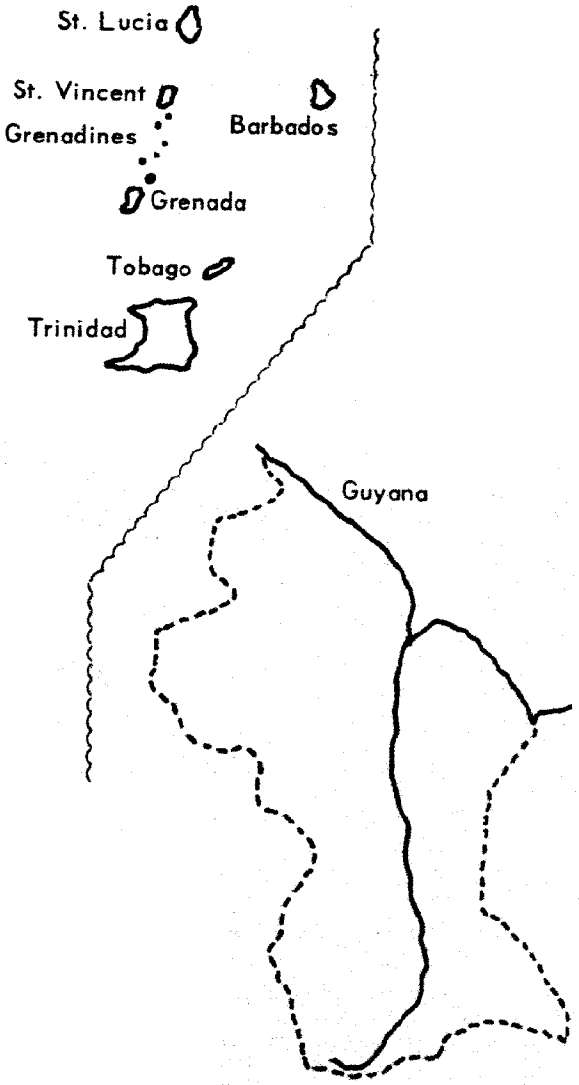
COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	More than 12
TRINIDAD																								
CENTENO	0	0	50	80	87	85	77	75	80	81	71	45	4	0	227·9	61	9·5	29	0	2	5	17	7	0
PENAL AG STATION	0	0	2	86	81	83	85	70	64	58	68	31	1	0	199·6	53	9·0	3	0	3	7	21	0	0
PIARCO AIRPORT	0	22	80	90	87	88	84	85	86	82	84	68	2	0	272·2	72	10·4	17	0	1	1	11	18	0
ST AUGUSTINE UWI	0	21	84	94	91	89	87	92	87	85	78	73	23	0	280·1	75	11·0	5	0	0	2	10	19	0
TOBAGO																								
CROWN POINT APT	0	19	65	84	85	87	91	90	92	93	82	68	24	0	272·8	73	11·2	31	0	1	3	8	19	0
LOUIS D/OR	0	13	52	77	82	87	91	92	86	86	76	43	1	0	239·1	64	10·1	31	0	2	5	15	9	0
GRENADA																								
MIRABEAU	0	4	38	63	70	72	72	64	60	53	35	10	1	0	168·2	45	9·6	27	0	6	12	11	2	0
BARBADOS																								
HUSBANDS CMI	0	11	55	66	79	79	80	80	82	73	69	51	3	0	225·0	60	10·3	30	0	2	7	15	7	0
SEAWELL AIRPORT	0	14	63	75	78	81	88	90	87	87	80	72	21	0	259·4	70	11·1	30	0	0	7	8	16	0
DOMINICA																								
MELVILLE HALL AP	0	8	62	72	72	76	72	70	73	69	65	49	7	0	214·7	58	10·5	15	1	6	2	12	10	0
MONTSERRAT																								
GROVE	0	2	25	71	82	84	90	87	86	86	80	71	26	0	244·4	63	10·4	26	0	2	2	14	9	0
BR VIRGIN IS																								
PARAQUITO BAY	0	2	66	73	79	89	85	84	88	87	86	76	13	0	262·9	71	10·7	9	0	1	1	14	15	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS CONTINUED MARCH '73

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	4	77	84	89	92	91	90	86	75	75	60	6	0	257.2	69	10.3	19	0	3	1	10	17	0
FROME	0	10	72	82	88	84	83	87	58	31	22	11	0	0	195.2	52	10.1	25	0	1	12	14	2	0
N.MANLEY AIRPORT	0	24	94	97	96	92	88	86	84	80	74	52	8	0	270.1	73	10.5	29	0	1	4	6	19	0
MONY MUSK	0	0	37	82	94	97	98	98	97	88	87	54	1	0	258.3	96	9.6	8	0	0	2	20	8	0
ORANGE RIVER	0	0	57	82	88	86	87	83	76	75	63	49	4	0	232.8	62	9.9	5	0	1	5	16	9	0
D.SANGSTER APT	0	34	89	91	96	94	92	93	89	80	68	49	15	0	276.3	74	11.0	27	0	1	1	10	19	0
SMITHFIELD	0	39	70	88	94	93	81	63	49	36	26	12	0	0	190.3	51	8.9	13	0	1	13	17	0	0
CAYMAN ISLANDS																								
WEST BAY	0	3	65	90	91	88	89	88	89	85	84	74	11	0	266.0	71	10.3	15	0	1	3	8	19	0
BELIZE																								
BELIZE AIRPORT	0	12	61	74	85	85	81	82	84	82	85	73	17	0	253.6	68	10.7	10	1	1	4	10	15	0
GUYANA																								
CAMP JAGUAR	0	36	29	47	60	63	56	63	71	71	70	55	21	0	188.3	50	10.5	29	0	3	12	7	6	0
EBINI	0	4	39	51	52	45	39	47	47	47	47	37	11	0	145.3	38	9.8	3	0	9	9	11	2	0
FRIENDSHIP	0	3	43	56	66	58	59	54	64	68	67	55	4	0	185.3	50	9.8	1	0	6	9	10	6	0
GEORGETOWN BOT G	0	13	63	70	74	73	77	75	76	81	70	63	21	0	234.3	62	10.4	29	0	2	6	9	14	0
KAMARANG	0	4	30	45	52	57	59	66	67	67	63	56	20	0	181.4	40	9.7	3	0	3	14	9	3	0
MAZARUNI PRISON	0	0	12	46	65	65	55	46	51	46	42	21	0	0	139.5	37	7.6	18	0	10	9	10	0	0
MON REPOS	0	1	35	58	67	72	72	76	77	78	68	46	3	0	202.5	54	9.3	3	0	3	10	14	4	0
PAKERA	0	1	40	73	85	81	81	75	70	70	60	38	8	0	211.4	56	10.0	28	0	3	4	20	4	0
TIBOKU SITE	0	1	26	34	45	39	45	58	68	73	57	48	9	0	156.0	42	7.8	27	1	6	15	9	0	0
WAUNA	0	7	50	72	71	71	64	66	62	59	58	56	17	0	202.3	54	9.6	3	0	2	9	15	5	0







Monthly Weather Summary

April, 1973

MONTHLY WEATHER SUMMARY

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

April, 1973

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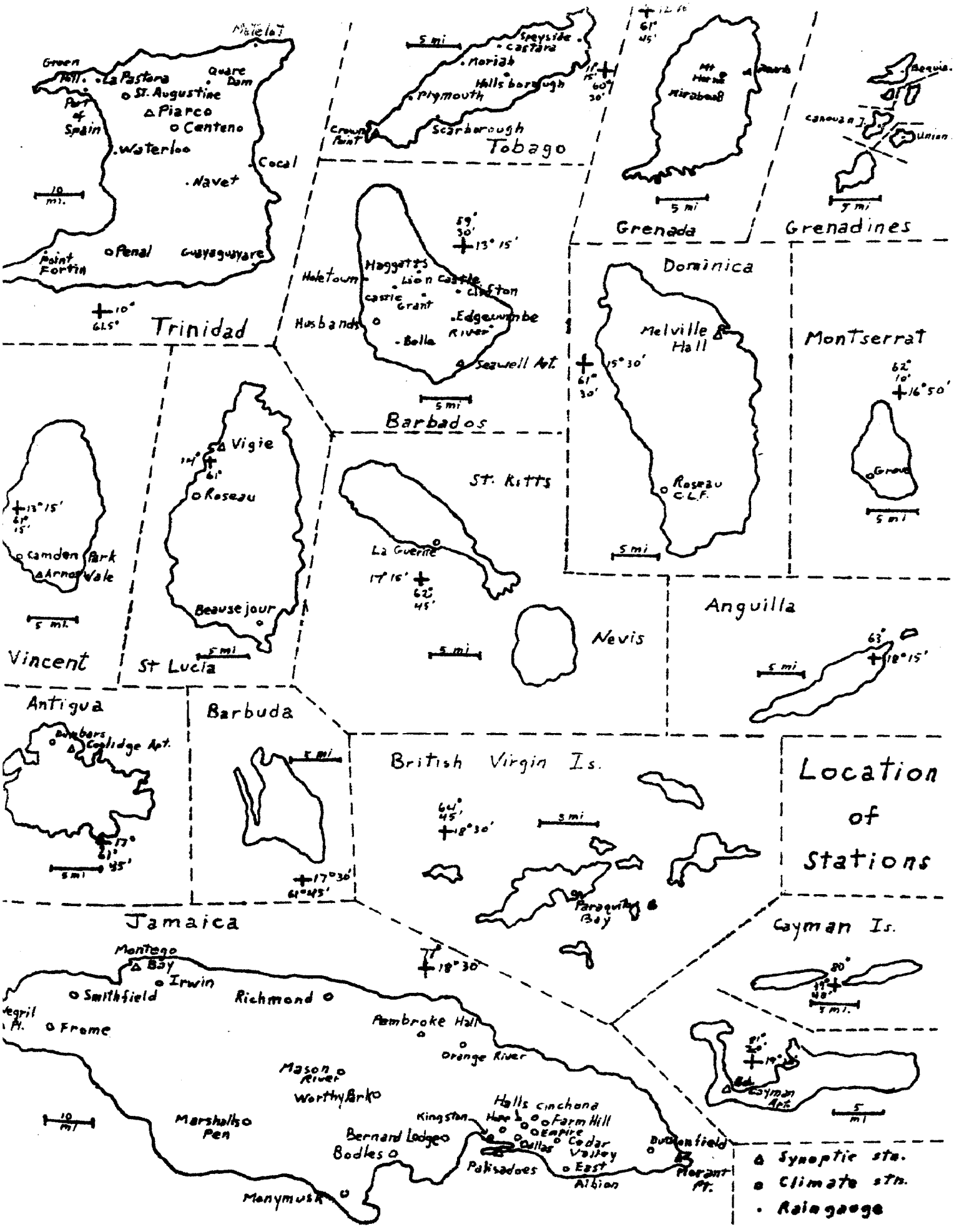
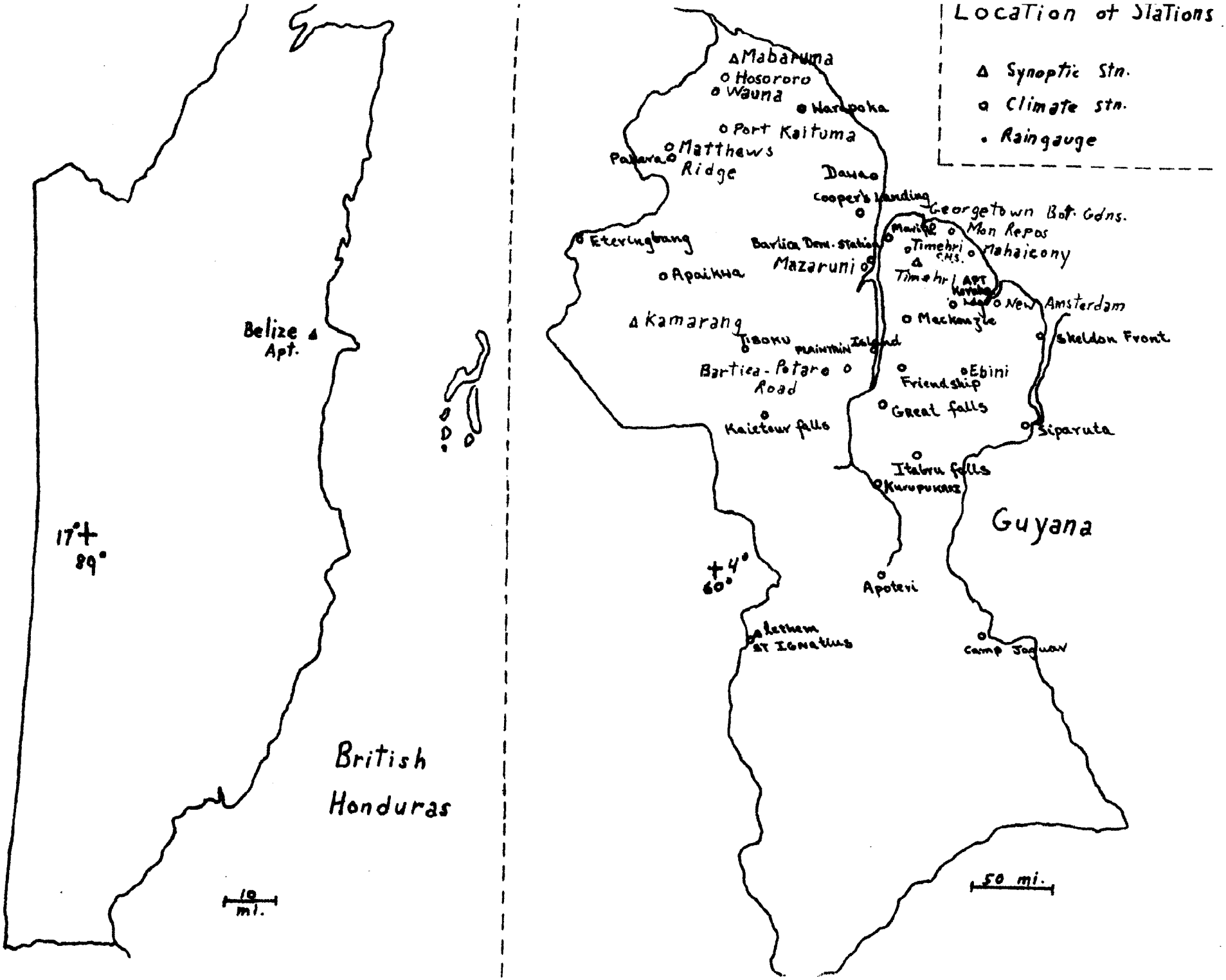

Location of Stations
Trinidad
Tobago
Grenada
Grenadines
Barbados
Dominica
Montserrat
St. Kitts
Nevis
Anguilla
Vincent
St Lucia
Antigua
Barbuda
British Virgin Is.
Jamaica
Cayman Is.
Synoptic stn.
Climate stn.
Raingauge



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

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.

/ct'd.....

2. The rainfall data are 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, 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 a re 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

/et'd.....

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 /day. refer to the climate 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".

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 underrecord 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.

/ct'd.....

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 APRIL '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 (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): ½-2	2-3	3-5	5-10	10 or more
TRINIDAD																							
CENTENO	50	08	80·8	75·4	27·7	76		2·6															
PENAL AG STATION	25	08	78·0	74·7	27·9	85		4·5															
PIARCO AIRPORT	41	02	75·3	72·7	26·2	88	1012·6	2·6	3·6	1	9	11	7	2	0	0	0	0	0	0	0	7	23
		08	80·1	74·7	27·0	77	1013·8	8·3	3·9	0	11	9	7	3	0	0	0	0	0	0	1	6	23
		14	88·4	75·7	24·7	54	1012·5	12·8	5·4	0	0	15	14	1	0	0	0	0	0	0	0	5	25
PIARCO AIRPORT	41	20	78·6	74·0	26·7	80	1012·7	6·5	4·2	1	8	9	11	1	0	0	0	0	0	0	0	8	22
ST AUGUSTINE UWI	52	09	86·3	77·2	26·4	62																	
TOBAGO																							
CROWN POINT AIRP	9	02	77·5	73·2	26·0	81	1012·3	7·0	3·9	1	11	7	10	1	0	0	0	0	0	0	0	0	30
		08	81·9	74·8	26·2	70	1014·1	10·7	5·0	0	6	9	12	3	0	0	0	0	0	0	0	1	29
		14	86·3	76·3	26·5	62	1012·5	15·2	5·7	0	2	9	18	1	0	0	0	0	0	0	1	0	29
		20	79·1	74·0	26·5	78	1012·9	6·6	4·4	1	9	7	13	0	0	0	0	0	0	0	0	0	30
LOUIS D/OR	40	08	80·9	74·3	25·9	72		2·0															
GRENADA																							
PEARLS AIRPORT	22	08	80·9	74·8	26·7	74	1014·5	10·1	3·7	0	6	17	5	0	0	0	0	0	0	0	0	1	27
		14	83·8	75·9	27·0	68	1013·1	10·4	4·0	0	7	14	4	2	0	0	0	0	0	0	0	0	27
BARBADOS																							
HUSBANDS CMI	370	08	79·7	73·7	25·7	74	1015·8	11·7	4·1	0	10	10	10	0	0	0	0	0	0	0	0	1	29
SEAWELL AIRPORT	183	02	77·8	73·2	25·9	80	1013·2	10·2	4·2	0	10	11	7	2	0	0	0	0	0	0	0	0	30
		08	80·4	74·2	26·1	74	1015·2	12·1	4·9	0	4	13	10	3	0	0	0	0	0	0	0	0	30
		14	82·6	74·9	26·2	89	1013·8	12·6	4·5	0	8	10	11	1	0	0	0	0	0	0	0	0	30
		20	78·8	73·9	26·3	78	1014·3	10·6	4·1	0	9	11	8	2	0	0	0	0	0	0	0	0	30
ST LUCIA																							
HEWANORRA APT		08	81·4	74·8	26·5	72	1013·7	11·4	4·0	0	10	14	4	2	0	0	0	0	0	0	0	1	29
		14	84·5	76·1	26·9	67	1012·6	12·4	4·4	0	6	15	7	2	0	0	0	0	0	0	0	0	30
ROSEAU WINBAN	200	09	82·5	74·4	·																		
VIGIE AIRPORT	7	08	80·4	74·0	25·8	73	1015·2	9·4	3·8	0	11	12	5	2	0	0	0	0	0	0	0	0	30
		14	84·9	74·9	25·2	61	1014·1	12·5	4·4	0	5	14	9	2	0	0	0	0	0	0	0	1	29
ANTIGUA																							
COOLIDGE AIRPORT	26	08	79·2	73·4	25·8	76	1015·7	11·6	4·2	0	6	17	5	2	0	0	0	0	0	0	0	0	30
		14	83·7	74·6	25·3	64	1014·4	13·1	3·7	0	11	11	6	2	0	0	0	0	0	0	0	0	30
		20	77·7	73·3	26·0	80	1015·1	9·9	3·2	0	16	8	4	2	0	0	0	0	0	0	0	1	29

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL '73
(CONTINUED)

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): ¼-2	2-3	3-5	5-10	10 or more
ANTIGUA																							
DUNBARS	220	09	81·9	72·9	23·7	64																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	78·9	72·1	23·9	71	1017·4	11·4	4·7	0	6	13	9	2	0	0	0	0	0	0	0	0	30
		14	82·0	73·3	24·1	65	1016·1	12·9	3·7	0	10	13	6	1	0	0	0	0	0	0	0	0	30
JAMAICA																							
ALLSIDES		07	66·9	65·8	20·8	92																	
BERNARD LODGE	55	08	82·8	74·1	24·9	65																	
BODLES	60	07	74·9	71·6	25·1	85																	
		13	85·5	76·4	27·2	65																	
CEDAR VALLEY	1980	07	68·3	66·1	21·0	89																	
CEDAR VALLEY	1980	13	80·5	71·3	22·5	63																	
CINCHONA GARDENS	4897	07	65·1	61·5	17·1	81																	
		16	61·2	58·1	15·2	80																	
DALLAS	950	09	79·1	72·1	23·6	70																	
		15	82·4	74·4	25·5	67																	
DUCKENFIELD	60	08	80·7	74·9	26·9	75																	
EAST ALBION NURS	90	07	76·0	71·2	23·9	78																	
		13	85·8	75·0	24·8	59																	
FARM HILL	4020	07	62·8	61·4	17·8	91																	
HALLS DELIGHT	3020	07	71·7	65·1	18·4	69																	
IRWIN	80	08	76·1	74·0	26·4	86																	
		15	86·7	76·8	26·7	62																	
KINGSTON ST GEO	90	07	76·6	72·3	25·1	80																	
		13	86·1	76·8	27·3	64																	
N·MANLEY AIRPORT	9	01	79·4				1013·0	6·3	1·8	7	15	6	2	0	0	0	0	0	0	0	0	0	30
N·MANLEY AIRPORT	9	07	79·6				1013·8	5·7	2·6	1	19	4	6	0	0	0	0	0	0	0	0	0	30
		13	86·1				1013·1	15·2	2·9	0	18	6	5	1	0	0	0	0	0	0	0	0	30
		19	82·1				1012·3	11·0	3·2	0	16	7	6	1	0	0	0	0	0	0	0	0	30
MARSHALLS PEN	2300	07	70·5	68·7	23·0	90	1012·7	3·5	4·2	6	5	2	12	0	5	0	0	0	0	0	0	0	0
		13	81·7	73·1	23·9	65	1011·8	5·8	5·4	0	3	6	18	0	3	0	0	0	0	0	0	0	0
MASON RIVER FIEL	2300	07	67·9	66·8	21·8	94		10·7															
		13	79·1	71·8	23·4	69		12·9															
		19	68·6	67·5	22·4	94		10·0															

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL '73
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)				(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations														
		LST								0	1.2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1¼-2	2-3	3-5	5-10	10 or more
	ft		°F	°F	mb.	%	mb	kt																
JAMAICA																								
MONYMUSK	30	08	80·4	77·0	30·2	85																		
MORANT POINT LH	6	01	79·6	75·5	28·3	82	1015·6	12·2	3·8	1	9	13	6	1	0	0	0	0	0	0	0	0	30	
MORANT POINT LH	6	07	79·9	75·5	28·2	81	1016·2	13·2	4·4	1	4	16	8	1	0	0	0	0	0	0	0	0	30	
		13	83·4	77·3	29·4	75	1016·8	12·4	3·8	0	7	18	5	0	0	0	0	0	0	0	0	0	30	
		19	80·5	76·4	29·3	83	1015·1	11·1	3·3	2	12	8	7	1	0	0	0	0	0	0	0	0	30	
ORANGE RIVER	950	08	75·1	72·6	26·3	89																		
		16	79·4	75·5	28·4	83																		
D.SANGSTER APT	3	01	74·3	72·7	26·7	92	1013·6	3·9	1·8	10	11	5	4	0	0	0	0	0	0	0	0	0	30	
		07	74·6	72·4	26·2	90	1014·1	5·9	2·5	1	19	4	6	0	0	0	0	0	0	0	0	0	30	
		13	83·5	76·7	28·2	72	1013·7	18·6	3·0	0	16	7	7	0	0	0	0	0	0	0	0	0	30	
		19	78·1	75·4	28·8	88	1013·0	6·7	3·2	0	17	3	9	1	0	0	0	0	0	0	0	0	30	
SMITHFIELD	925	08	76·9	71·8	24·7	78																		
TOP MOUNTAIN	3550	08	66·2	63·3	18·7	85																		
		13	71·1	66·6	20·3	64																		
WORTHY PARK	1250	07	69·8	67·5	22·8	92																		
		15	80·3	71·4	22·5	64																		
CAYMAN ISLANDS																								
WEST BAY		09	84·1	75·5	26·2	66		13·6	3·2	2	13	9	4	2	0	0	0	0	0	0	0	0	0	
BELIZE																								
BELIZE AIRPORT	17	06	76·9	74·5	28·1	89	1011·5	5·9	5·9	0	2	8	15	4	1	0	1	0	2	0	4	11	12	
		12	84·8	76·8	27·9	68	1012·1	11·0	4·7	2	6	8	10	4	0	0	0	0	0	0	2	13	15	
		18	81·7	76·2	28·4	77	1009·9	8·3	4·5	2	4	12	10	2	0	0	0	0	0	0	1	13	16	
GUYANA																								
BARTICA POTARO R	400	08	76·4	75·4	29·6	95																		
		14	90·5	77·2	25·9	53																		
CAMP JAGUAR		08	75·2	73·3	27·1	91																		
		14	77·5	73·8	26·4	82																		
EBINI	60	08	77·0	74·9	28·5	89	1013·4	3·6	4·8	0	10	4	15	1	0	0	0	0	0	0	1	24	5	
EBINI	60	14	85·6	75·8	26·1	62	1010·3	10·8	5·9	0	3	5	20	2	0	0	0	0	1	0	3	10	16	
FRIENDSHIP		08	78·3	75·6	29·0	88																		
		14	86·0	75·9	26·1	62																		
GEORGETOWN BOT G	7	08	82·0	76·0	28·0	75	1014·1	9·1	5·8	0	0	11	19	0	0	0	0	0	0	0	0	4	26	
		14	85·1	76·8	27·8	67	1012·5	11·0	5·5	0	1	12	15	2	0	0	0	0	0	0	0	5	25	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL '73
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations 0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1¼- 2	2 - 3	3 - 5	5 -10	10 or more
	ft	LST	°F	°F	mb	%	mb	kt															
GUYANA																							
HOSORORO		08	78·5	75·0	28·0	84																	
		14	87·2	76·4	26·3	60																	
ITABRU FALLS		08	77·2	75·3	29·1	59																	
		14	89·2	78·9	29·3	63																	
KAIETEUR FALLS		08	72·2	70·9	25·2	93																	
KAIETEUR FALLS		14	81·9	74·0	25·1	67																	
KAMARANG		08	71·9	69·6	23·7	89	1016·4	0·0	5·8	0	0	11	15	4	0	0	0	0	0	0	0	4	26
		14	83·4	72·8	22·8	58	1012·8	2·1	6·2	0	0	4	26	0	0	0	0	0	0	0	0	0	30
LETHEM	270	08	79·7	73·8	25·8	75	1013·9	17·0	6·1	0	0	9	14	7	0	0	0	0	0	0	0	0	30
		14	90·9	75·5	23·3	47	1010·4	16·2	6 0	0	0	9	21	0	0	0	0	0	0	0	0	0	30
MABARUMA	185	08	78·9	75·4	28·4	84	1013·3	2·5	4·4	0	6	15	5	3	0	0	0	1	1	1	3	7	16
		14	86·4	76·0	26·0	61	1011·5	5·6	5·6	0	2	11	14	3	0	0	0	0	0	0	1	27	2
MAHAICONY ABARY	6	08	81·8	75·5	27·3	74																	
		14	81·8	75·5	27·3	74																	
MATTHEWS RIDGE		08	74·9	73·8	28·0	95																	
MATTHEWS RIDGE		14	84·4	75·8	26·3	65																	
MAZARUNI PRISON	47	08	78·5	74·5	27·4	82																	
		14	84·8	74·5	24·7	61																	
MON REPOS		08	82·0	74·6	26·1	70																	
		14	85·3	75·5	25·8	62																	
NEW AMSTERDAM	3	08	81·6	76·8	29·3	95																	
		14	87·0	78·3	29·1	66																	
PORT KAITUMA		08	76·8	75·0	28·9	92																	
		14	89·1	78·1	27·9	60																	
TIBOKU SITE		08	76·7	75·0	28·9	92																	
TIBOKU SITE		14	86·2	77·8	28·8	67																	
TIMEHRI AIRPORT	95	02	73·3	72·6	27·0	96	1011·9	1·5	3·5	4	10	7	8	1	0	0	0	0	2	0	3	16	9
		08	79·1	75·3	29·4	84	1013·7	3·8	4·4	0	9	10	8	3	0	0	0	0	1	0	2	11	16
		14	87·2	76·0	25·7	58	1011·3	9·6	6·2	0	0	10	19	1	0	0	0	0	0	0	1	5	24
		20	76·9	74·3	27·7	88	1012·0	4·4	3·7	2	9	12	5	2	0	0	0	0	0	0	0	11	19
TIMEHRI CMS		08	77·6	75·1	28·6	89																	
		14	86·9	76·3	26·2	60																	
WAUNA		08	78·1	75·2	28·5	87		1·5	3·8	0	9	13	7	1	0	0	1	0	1	0	3	17	8
		14	87·4	75·8	25·3	57		7·3	5·1	0	0	21	8	1	0	0	0	0	0	0	0	4	26

TABLE II - SUMMARY OF DAILY OBSERVATIONS APRIL '73

COUNTRY STATION	RAINFALL (INCHES)						AIR TEMPERATURE F					MEAN GRASS MIN	TOTAL SUNSHINE DURATION	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH MORE THAN			MEAN MAX	MEAN MIN	MEAN	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00	A	B	½(A+B)	MAX	MIN	^{0}F	hr				
TRINIDAD																	
CENTENO	1·91	1·15	22	4	1	1	89·7	71·0	80·3	91	65		226·5				
PENAL AG STATION	1·02	·33	14	8	0	0	91·1			95			207·7				
PIARCO AIRPORT	4·88	4·22	22	4	1	1	89·7	72·7	81·2	91	68		253·9				
ST AUGUSTINE UWI	2·30	2·14	22	3	1	1	90·7	71·2	81·0	92	66		260·1				
TOBAGO																	
CROWN POINT APT	·95	·22	13	6	0	0	88·7	75·1	81·9	91	72	72·3	236·7				
LOUIS D/OR	1·73	·38	14	9	0	0	86·4	76·0	81·2	88	68		219·8				
GRENADA																	
PEARLS AIRPORT	1·22	·36	13	6	0	0	85·8	76·3	81·1	88	70						
BARBADOS																	
HUSBANDS CMI	1·59	·65	10	6	1	0	85·6	72·7	79·2	89	68		244·3				
SEAWELL AIRPORT	1·09	·22	5	6	0	0	84·4	76·1	80·2	87	70		237·8				
ST LUCIA																	
BEAUSEJOUR	1·92	·40	7	11	2	0	87·1	65·0	76·1	88	53		204·2				
HEWANORRA APT	1·37	·32	13	8	0	0											
ROSEAU WINBAN	4·97	2·63	22	12	2	1	86·1	71·8	83·8	89	65		244·5				
VIGIE AIRPORT	3·09	1·00	23	10	3	1											
DOMINICA																	
MELVILLE HALL AP	5·85	1·45	23	9	2	2	83·6	73·0	78·3	87	70						
MONTSERRAT																	
GROVE	·67	·26	23	4	0	0							153·8				
ANTIGUA																	
COOLIDGE AIRPORT	·65	·34	22	4	0	0	84·6	74·7	79·7	88	69						
DUNBARS	·74	·40	23	5	1	0	87·1	71·3	79·2	91	67						

TABLE II - SUMMARY OF DAILY OBSERVATIONS APRIL '73
(CONTINUED)

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 MORE THAN .04	.40	1.00	MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
ST KITTS NEVIS																	
CAINES	5·43	3·50	18	10	2	1											
NEEDSMUST	1·54	·30	23	5	2	0											
BR VIRGIN IS																	
PARAQUITO BAY	·65	·40	20	4	1	0	84·9	75·3	80·1	87	70		285·5				
JAMAICA																	
ALLSIDES	6·89	2·64	18	10	4	3	80·3	63·4	71·9	84	60		205·6				
BERNARD LODGE	1·35	·70	30	4	1	0	89·5	69·7	79·6	92	64		259·0				
BODLES	2·03	·84	15	7	1	0	88·5	69·9	79·2	91	64		247·6				
CAENWOOD	7·32	4·46	18	9	4	1	85·8	74·1	79·9	91	70						
CEDAR VALLEY	5·48	2·80	17	10	3	2	83·9			88							
CINCHONA GARDENS	10·69	4·32	17	12	8	3	70·8	55·6	63·2	75	53						
DALLAS	2·54	1·25	18	7	2	1	83·5	56·9	70·2	90	52						
DUCKENFIELD	1·42	·52	17	4	1	0	86·4	72·1	79·3	89	66		230·9				
EAST ALBION NURS	·94	·39	8	5	0	0	88·1	72·6	80·4	92	70						
EMPIRE NURSERY	4·98	2·44	17	8	4	1	82·7	60·1	71·4	87	55						
FARM HILL	7·57	2·04	18	10	6	3											
FROME	·78	·40	19	4	1	0	89·8	69·8	79·8	93	65		215·7				
HALLS DELIGHT	6·16	3·75	17	8	4	1	77·6	61·0	69·3	84	59						
IRWIN	5·55	3·54	17	7	4	1	91·4	68·4	79·9	97	64						
KINGSTON ST·GEO	1·42	·78	17	5	1	0	89·3	73·4	81·4	91	70						
N.MANLEY AIRPORT	·22	·08	16	3	0	0	87·8	70·9	79·3	91	66		267·2				
MARSHALLS PEN	2·69	1·08	30	8	1	1	83·0	64·1	73·6	88	56	63·0		5	0	0	0
MASON RIVER FIEL	2·89	·75	17	8	2	0	81·7	62·9	72·3	86	51						
MONYMUSK							90·5	64·2	77·3	93	57		229·7				
MORANT POINT LH	2·63	1·87	17	2	2	0	84·4	74·6	79·5	87	65						
ORANGE RIVER	4·36	2·02	16	7	3	1	82·6	67·8	75·2	88	63		194·1				
O·SANGSTER APT	·51	·19	17	5	0	0	87·6	71·8	79·7	93	67		262·0	2	0	0	0
SMITHFIELD	4·36	1·21	29	9	4	2	83·8	63·6	73·7	87	60		237·4				
TOP MOUNTAIN	5·48	4·05	17	7	2	1	75·0	60·3	67·7	79	56						
WORTHY PARK	2·14	·49	17	7	1	0	85·0	65·0	75·0	88	58		226·3				

TABLE II - SUMMARY OF DAILY OBSERVATIONS APRIL '73
(CONTINUED)

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 MORE THAN .04	.40	1.00	MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
CAYMAN ISLANDS																	
WEST BAY	.06	.03	10	0	0	0	87.5	74.4	81.0	90	68		260.5				
BELIZE																	
BELIZE AIRPORT	6.13	2.12	9	12	5	1	87.5	75.2	81.4	95	69		231.3	1	1	0	0
GUYANA																	
APOTERI	1.52	.42	20	6	2	0											
BARTICA POTARO R	2.31	1.68	24	4	2	1	91.5	69.8	80.7	95	68						
CAMP JAGUAR	5.26	1.28	24	16	7	1		71.4			68		178.7				
DAWA	1.27	.35	17	11	0	0											
EBINI	6.24	1.69	22	10	4	3	89.6	71.0	80.3	92	66		173.8	3	2	0	0
FRIENDSHIP	5.75	3.69	25	10	2	1	88.3	71.3	79.8	91	66		204.9				
GEORGETOWN BOT G	4.04	1.96	16	11	2	1	86.5	77.4	81.9	88	74	72.8	257.9				
HOSORORO	2.56	1.70	22	7	1	1	90.4	71.8	81.1	93	69						
ITABRU FALLS	2.22	.66	20	10	1	0	91.8	72.6	82.2	96	69	70.4		2	0	0	0
KAIETEUR FALLS	9.14	5.42	21	19	4	1	83.5	70.0	76.8	86	68	69.7					
KAMARANG	2.67	.73	21	11	4	0	86.1	68.0	77.0	91	66		150.6	1	2	0	0
LETHEM	.32	.12	26	3	0	0	93.7	73.0	83.4	96	71			1	0	0	0
MABARUMA	1.64	.69	15	9	1	0	89.1	69.8	79.5	92	69			2	8	0	0
MAHAICONY ABARY	2.59	1.31	16	10	1	1	87.9	76.5	82.2	90	72						
MATTHEWS RIDGE	.80	.28	23	5	0	0	88.3	69.2	78.8	90	67						
MAZARUNI PRISON	.84	.41	3	5	1	0	90.0	72.1	81.1	92	67		138.6	2	1	0	0
MON REPOS	5.71	5.11	16	9	1	1	87.2	71.1	79.2	89	70		249.5				
NEW AMSTERDAM	1.67	.32	16	12	0	0	88.1	74.7	81.4	90	73						
PLANTAIN ISLAND	4.97	2.74	21	6	2	2								13	14	0	0
PORT KAITUMA	2.07	.84	22	10	1	0	92.3	69.8	81.1	96	64			2	0	0	0
TIBOKU SITE	12.90	4.87	21	13	5	3	88.1	72.9	80.5	90	71	72.2	181.3	8	1	0	0
TIMEHRI AIRPORT	2.22	1.32	16	7	1	1	89.8	71.7	80.8	93	68						
TIMEHRI CHS	2.55	1.44	16	10	1	1	89.4	69.7	79.6	92	66						
WAUNA	1.65	1.05	22	5	1	1	91.0	69.1	80.0	92	65		237.4	2	25	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS APRIL '73

COUNTRY / STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	102	136	8•27	•36	16										14391	599	27
PENAL AG STATION	74	89	7•88	•40	5												
PIARCO AIRPORT	110	163	9•05	•40	7												
ST AUGUSTINE UWI			7•04	•29	5												
TOBAGO																	
CROWN POINT APT	109	154	8•77	•52	6												
LOUIS D/OR	48	71	7•44	•38	20												
BARBADOS																	
HUSBANDS CMI	108	208	9•13	•50	26												
ST LUCIA																	
BEAUSEJOUR	212	388													17725	698	456
ST KITTS NEVIS																	
CAINES			6•14M	•30	5												
BR VIRGIN IS																	
PARAQUITO BAY	127	169	10•47	•45	11										14134	540	229
JAMAICA																	
ALLSIDES	136	249															
BERNARD LODGE			6•45	•32	26												
BODLES	68	119	8•32	•40	23										17613	699	323
CEDAR VALLEY			5•89M	•39	13												
DUCKENFIELD			6•69	•35	12												
EAST ALBION NURS	56	78	7•23M	•47	16												
EMPIRE NURSERY	11	28															
FROME			6•71	•42	14												
N•MANLEY AIRPORT	127	286															
ORANGE RIVER	45	80													14754	647	164

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS CONTINUED APRIL '73

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES ^{0}F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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																	
D•SANGSTER APT	127	261															
SMITHFIELD	65	121	5•97	•52	21	89•4	72•8	95	11	70	85•4	75•0	91	73	13408	581	297
WORTHY PARK	60	172	4•71	•22	19												
CAYMAN ISLANDS																	
WEST BAY	168	244	9•27	•41	15	99•6	84•0	103	9	74							
GUYANA																	
APOTERI			7•02M	•38	17										15833	618	319
DAWA			6•86	•44	30												
EBINI	70	103	6•55	•32	29	89•3	78•1	95	15	76	89•2	79•5	94	78			
FRIENDSHIP	55	75	5•89	•35	23												
GEORGETOWN BOT G	108	151	7•24	•31	11												
ITABRU FALLS			4•63	•28	11												
KAIETEUR FALLS			5•08	•29	10												
KAMARANG	53	81	5•51	•30	19												
MAHAICONY ABARY	189	238	9•82	•43	8												
TIBOKU SITE	32	46	4•70M	•30	15												
TIMEHRI CHS	•77	105															
WAUNA	40	54	7•15	•30	3	98•9	78•2	102	29	76	95•8	80•3	98	77			

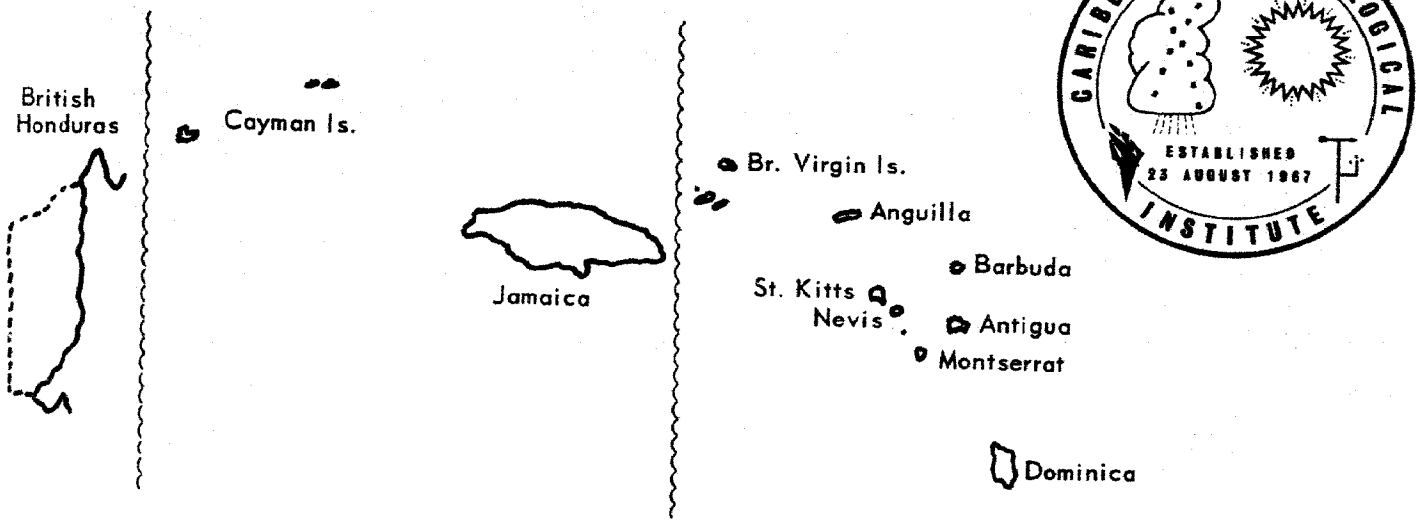
TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS APRIL '73

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	.26	.42	.62	.95	1.11	1.11	1.12	1.13
PENAL AG STATION	.10	.12	.12	.12	.12	.17	.21	.21
PIARCO AIRPORT					4.13	4.16	4.16	4.20
ST AUGUSTINE UWI		.60	.75	1.20	1.83	2.05	2.11	2.12
TOBAGO								
CROWN POINT APT	.07	.16	.16	.16	.16	.16	.16	.20
LOUIS D/OR	.16	.20	.30	.30	.30	.32	.34	.34
BARBADOS								
HUSBANDS CMI	.04	.08	.12	.19	.20	.30	.32	.32
SEAWELL AIRPORT		.07	.07	.11	.13	.13	.18	.20
ST LUCIA								
BEAUSEJOUR	.06	.10	.18	.32	.32	.34	.40	.40
BR VIRGIN IS								
PARAQUITO BAY	.16	.21	.21	.21	.21	.24	.35	.35
JAMAICA								
N.MANLEY AIRPORT	.02	.04	.06	.06	.06	.08	.08	.08
S SANGSTER APT	.02	.04	.05	.09	.12	.13	.14	.14
SMITHFIELD	.26	.32	.42	.69	.89	1.07	1.21	1.21
CAYMAN ISLANDS								
WEST BAY	.03	.03	.03	.03	.03	.03	.03	.03
GUYANA								
APAIKWA	.24	.37	.44	.64	.96	1.03	1.03	1.03
APOTERI	.23	.27	.33	.35	.41	.41	.41	.42
BARTICA DEM. STA	.28	.47	.67	.78	.83	.85	1.09	1.29
CAMP JAGUAR	.20	.40	.46	.46	.61	.64	1.03	1.26
COOPERS LANDING	.24	.40	.53	.57	.59	.62	.98	1.22
DAWA	.12	.17	.17	.17	.17	.23	.23	.23
EBINI	.36	.64	.92	1.12	1.47	1.47	1.69	1.69
ETERINGBANG	.36	.60	.88	.98				
GEORGETOWN BOT G		.43	.55	.74	.75	.77	1.55	1.96
GREAT FALLS	.21	.29	.36	.38	.41	.43	.43	.43
ITABRU FALLS	.34	.55	.55	.63	.64	.64	.65	.66
KAMARANG	.17	.25	.29	.33	.37	.39	.67	.73
KERAHA LDG	.19	.24	.31	.34	.36	.36	.37	.38
LETHEM	.06	.08	.12	.12	.12	.12	.12	.12
MACKENZIE	.16	.27	.32	.48	.52	.54	.74	.74
MAHAICONY ABARY	.13	.19	.21	.	.59	.84	1.26	1.31
MATTHEWS RIDGE	.02	.04	.04	.06	.09	.12	.20	.20
NEW AMSTERDAM	.08	.10	.12	.12	.12	.13	.31	.32
PLANTAIN ISLAND	.48	.78	1.01	1.53	1.58	1.61	2.71	2.74
TIBOKU SITE	.56	1.03	1.48	2.44	3.00	3.43	3.45	4.44
TIMEHRI AIRPORT		.23	.27	.29	.40	.59	1.30	1.32
TIMEHRI CHS	.15	.25	.31	.35	.54	.84	1.36	1.44
WAUNA	.15	.16	.20	.27	.43	.69	1.00	1.05

TABLE V - SUMMARY OF WINDSPEED RECORDS - APRIL 1973

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												
CENTENO	12	10	11	8	09	16	1215	14	0	0	0	3·7
PENAL AG STATION	16	14	11	22	15	26	1400	17	0	0	0	5·2
PIARCO AIRPORT	08	17	15	4	06	30	1425	16	0	0	0	8·5
TOBAGO												
CROWN POINT APT	11	17	13	12	13	25	1145	15	0	0	0	9·3
CAYMAN ISLANDS												
WEST BAY	07	19	14	15	04	35	1015	13	0	0	0	10·8
GUYANA												
EBINI	01	16	13	11	05	30	1400	7	0	0	0	5·2
GTOWN OLD RIFLE	05	19	22	4	04	30	0830	27	0	0	0	13·5
KAMARANG	15	5	17	18	15	5	1605	18	0	0	0	1·2
TIMEHRI AIRPORT	03	15	16	4	04	24	1445	26	0	0	0	5·2

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	13	64	75	81	73	76	69	74	75	70	63	21	0	226·5	61	10·8	20	1	4	3	7	15	0
PENAL AG STATION	0	1	57	70	73	73	75	74	77	71	64	44	11	0	207·7	56	10·2	25	0	4	6	14	6	0
PIARCO AIRPORT	0	43	79	80	82	76	81	75	81	79	74	72	24	0	253·9	69	11·1	16	0	3	4	2	21	0
ST AUGUSTINE UWI	0	36	82	83	85	83	82	72	81	78	75	71	26	0	260·1	70	11·2	17	0	3	3	3	21	0
TOBAGO																								
CROWN POINT APT	0	29	68	73	74	72	73	74	77	73	73	69	34	0	236·7	62	11·3	4	0	3	6	4	17	0
LOUIS D/OR	0	11	47	66	73	79	86	83	82	75	80	45	6	0	219·8	59	10·2	16	0	4	4	8	14	0
BARBADOS																								
HUSBANDS CMI	0	32	67	72	82	84	80	73	81	75	71	62	40	0	244·3	70	11·7	20	0	2	5	10	13	0
SEAWELL AIRPORT	0	29	64	71	82	78	74	72	75	76	72	66	33	0	237·8	64	11·5	28	1	2	6	5	16	0
BR VIRGIN IS																								
PARAQUITO BAY	0	43	76	86	92	94	91	93	97	92	89	74	25	0	285·5	76	11·1	27	0	1	1	4	24	0
JAMAICA																								
BODLES	0	15	74	72	79	77	80	82	88	83	75	76	25	0	247·6	66	11·3	26	0	1	4	9	16	0
DUCKENFIELD	0	13	47	78	80	86	83	85	83	82	75	51	15	0	230·9	62	11·0	23	0	2	3	17	8	0
FROME	0	15	52	63	73	75	80	80	74	76	78	61	17	0	215·7	59	10·7	26	0	1	3	18	7	0
N·MANLEY AIRPORT	0	38	82	89	89	90	89	82	83	84	74	66	25	0	267·2	71	11·8	24	0	1	2	11	16	0
MONY MUSK	0	14	68	78	81	82	82	80	75	74	69	68	17	0	229·7	63	11·2	24	0	3	3	7	16	0
ORANGE RIVER	0	0	44	56	74	79	72	69	71	68	57	44	7	0	194·1	51	10·2	6	0	6	7	8	9	0
D·SANGSTER APT	0	39	85	91	86	87	87	88	83	73	67	66	22	0	262·0	59	10·7	26	0	3	1	7	19	0
SMITHFIELD	0	27	77	88	95	94	86	82	65	60	53	41	20	3	237·4	63	11·6	21	0	0	5	15	10	0
CAYMAN ISLANDS																								
WEST BAY	0	14	62	88	84	83	85	88	87	87	85	74	31	0	260·5	69	11·5	27	0	2	2	9	17	0
BELIZE																								
BELIZE AIRPORT	0	16	59	68	79	80	75	80	80	77	74	60	24	0	231·3	62	11·4	22	2	2	4	7	15	0
GUYANA																								
CAMP JAGUAR	0	8	40	49	55	56	56	67	61	62	70	58	15	0	178·7	49	10·8	13	0	6	7	14	3	0
EBINI	0	3	39	62	64	57	56	57	53	57	54	54	25	0	173·8	47	10·4	29	0	6	10	9	5	0
FRIENDSHIP	0	12	60	68	64	61	66	74	71	69	60	58	20	0	204·9	56	10·9	14	0	5	4	10	11	0
GEORGETOWN BOT G	0	20	59	76	87	85	87	86	89	87	86	73	23	0	257·9	70	11·2	15	0	2	1	10	17	0
KAMARANG	0	12	41	56	58	58	46	52	53	56	50	42	14	0	150·6	44	9·3	4	0	6	10	10	2	0
MAZARUNI PRISON	0	1	15	53	56	62	67	64	58	50	45	25	1	0	138·6	42	8·7	14	1	4	13	8	1	0
MON REPOS	0	15	57	71	89	85	84	85	90	87	78	66	23	0	249·5	68	11·3	13	0	2	2	12	14	0
PAKERA	0	3	59	81	85	84	82	80	72	69	53	51	24	0	222·4	60	10·5	13	0	1	11	8	11	0
TIBOKU SITE	0	3	34	46	48	45	52	61	75	79	74	57	26	0	161·3	50	9·7	6	0	4	10	12	1	0
WAUNA	0	18	62	76	86	82	81	84	72	60	74	63	32	0	237·4	64	11·7	13	0	2	5	10		0



CARIBBEAN METEOROLOGICAL INSTITUTE
ESTABLISHED 23 AUGUST 1967

Monthly Weather Summary

May 1973

MONTHLY WEATHER SUMMARY

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

May 1973

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6. Table VI: Summary of sunshine records

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 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): 1/4-2	2-3	3-5	5-10	10 or more
TRINIDAD																							
CENTENO	50	08	81·7	75·8	27·8	75		5·4															
PENAL AG STATION	25	08	80·1	76·0	28·8	83		3·8															
PIARCO AIRPORT	41	02	76·1	73·7	27·4	89	1013·7	3·5	3·2	2	13	9	7	0	0	0	0	0	0	0	0	1	14	16
		08	81·2	75·1	27·9	77	1014·9	10·4	3·4	0	13	10	7	1	0	0	0	1	0	0	4	10	16
		14	88·2	76·4	25·8	57	1013·6	14·6	4·7	0	2	19	9	1	0	0	0	0	0	0	0	14	17
PIARCO AIRPORT	41	20	80·0	75·1	27·6	79	1013·8	7·4	2·8	1	17	6	7	0	0	0	0	0	0	0	0	0	14	17
ST AUGUSTINE UWI	52	09	84·4	75·0	25·5	63		16·5															
TOBAGO																							
CROWN POINT AIRP	9	02	78·8	74·4	27·1	81	1013·4	7·0	3·8	0	7	13	6	1	0	0	0	0	0	0	0	2	25
		08	83·0	75·7	27·1	70	1014·9	11·1	4·4	0	8	10	10	1	0	0	0	0	0	1	0	4	24
		14	87·3	76·9	26·9	61	1013·6	13·0	4·3	0	9	8	11	1	0	0	0	0	0	0	0	5	24
		20	80·1	74·8	27·1	77	1014·0	7·2	3·2	0	15	5	6	1	0	0	0	0	0	0	0	5	22
LOUIS D/OR	40	08	82·8	75·5	26·9	70		2·3															
GRENADA																							
PEARLS AIRPORT	22	08	82·0	76·2	28·3	76	1015·3	11·5	4·2	0	4	20	6	1	0	0	0	0	0	0	0	5	26
		14	84·5	77·1	28·5	71	1014·2	10·6	3·6	0	9	16	5	0	0	0	0	0	0	0	0	0	30
BARBADOS																							
HUSBANDS CMI	370	08	81·3	74·9	26·5	73	1015·9	11·9	5·2	0	3	11	13	2	0	0	0	0	0	0	1	10	19
SEAWELL AIRPORT	183	02	79·4	74·5	27·0	79	1014·6	11·8	4·0	0	8	15	7	1	0	0	0	0	0	0	0	3	28
		08	81·5	75·5	27·4	75	1016·3	12·9	4·4	0	4	20	5	2	0	0	0	0	0	0	0	2	29
		14	84·0	76·2	27·3	92	1014·8	13·6	4·3	0	8	14	8	1	0	0	0	0	0	0	0	3	28
		20	80·4	75·1	27·3	77	1015·4	12·2	4·1	0	7	19	4	1	0	0	0	0	0	0	0	3	28
ST LUCIA																							
HEWANORRA APT		08	82·3	75·9	27·7	73	1015·0	12·8	4·3	0	5	17	7	1	0	0	0	0	0	0	0	0	30
		14	85·7	77·2	28·1	67	1013·9	13·3	4·4	0	3	18	9	0	0	0	0	0	0	0	0	0	30
ROSEAU WINBAN	200	09	83·2	76·1	·	71																	
VIGIE AIRPORT	7	08	82·1	74·9	26·4	71	1016·6	10·0	4·0	0	9	12	8	1	0	0	0	0	0	0	0	0	30
		14	85·8	75·4	26·7	63	1015·3	13·1	4·7	0	6	11	11	1	0	0	0	0	0	0	0	0	29
MONTSERRAT																							
GROVE	150	08	81·9	74·1	25·4	68																	

TABLE I - SUMMARY OF OBSERVATIONS AT [illegible] MAY 1973
(CONTINUED)

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- 2	2 - 3	3 - 5	5 -10	11 or more
ANTIGUA																							
COOLIDGE AIRPORT	26	08	81·4	75·5	27·5	75	1017·2	12·6	4·7	0	5	12	11	3	0	0	0	0	0	0	0	0	31
		14	85·3	76·7	27·6	67	1016·1	14·6	4·2	0	7	16	6	2	0	0	0	1	0	0	0	0	30
		20	79·9	75·0	27·0	79	1016·6	11·7	2·8	0	16	11	4	0	0	0	0	0	0	0	0	0	31
DUNBARS	220	09	84·7	74·1	24·2	61																	
		15	83·9	75·6	26·8	68																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	80·9	74·8	25·6	74	1017·9	14·1	4·9	0	4	17	8	2	0	0	0	0	0	0	0	1	30
		14	84·2	76·0	26·7	67	1016·7	15·0	4·2	0	8	15	5	3	0	0	0	0	0	0	0	0	31
JAMAICA																							
ALLSIDES		07	70·5	67·3	21·5	84																	
BERNARD LODGE	55	08	83·3	74·2	24·8	64																	
BODLES	60	07	77·0	73·4	26·7	84																	
		13	87·5	77·2	27·4	62																	
CEDAR VALLEY	1980	07	71·2	63·3	22·4	86																	
CEDAR VALLEY	1980	13	82·3	72·9	23·5	62																	
CINCHONA GARDENS	4897	07	63·4	59·7	16·0	80																	
		16	67·2	64·0	19·0	84																	
DALLAS	950	09	82·0	73·7	24·2	65																	
		15	84·4	74·8	25·1	62																	
DUCKENFIELD	60	08	82·7	76·9	29·0	76																	
EAST ALBION NURS	90	07	80·2	72·2	23·4	66																	
		16	88·2	75·9	25·2	55																	
EMPIRE NURSERY	2130	07	73·9	68·7	21·6	76																	
		13	77·5	71·5	23·7	74																	
FARM HILL	4020	07	63·5	61·7	18·0	90																	
		16	81·8	66·8	19·5	53																	
HALLS DELIGHT	3020	07	72·9	66·5	19·3	70																	
IRWIN	80	08	80·1	75·5	28·1	80																	
		15	87·8	78·6	29·4	65																	
KINGSTON ST GEO	90	07	79·2	73·7	26·0	76																	
		13	88·6	78·2	28·2	61																	
N·MANLEY AIRPORT	9	01	80·1	71·9	23·6	67	1013·8	7·0	1·5	11	13	6	1	0	0	0	0	0	0	0	0	0	31
		07	81·1	71·9	23·1	64	1014·4	4·6	3·3	0	17	3	11	0	0	0	0	0	0	0	0	1	30
		13	87·8	75·1	25·1	56	1013·8	19·8	3·2	0	17	6	7	1	0	0	0	0	0	0	0	0	31

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1973
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations 0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1½-2	2-3	3-5	5-10	10 or more
	ft	LST	°F	°F	mb	%	mb	kt															
JAMAICA																							
N.MANLEY AIRPORT	9	19	82.7	72.9	24.2	63	1013.0	14.0	3.5	0	14	9	8	0	0	0	0	0	0	0	0	0	31
MARSHALLS PEN	2300	07	71.2	68.1	22.1	85		4.2	2.2	8	14	6	1	0	2								
		13	81.2	73.6	25.0	69		10.5	4.2	0	9	10	11	0	1								
MASON RIVER FIEL	2300	07	71.1	69.4	23.6	91		7.7															
		13	82.2	73.5	24.3	65		12.4															
MASON RIVER FIEL	2300	19	71.1	69.0	23.2	89		10.2															
MONYMUSK	30	07	82.8	78.4	31.2	81																	
MORANT POINT LH	6	01	80.8	77.3	30.5	85	1016.6	9.7	3.6	0	12	12	7	0	0	0	0	0	0	0	0	0	31
		07	81.3	77.4	30.4	83	1017.2	11.4	4.1	0	8	14	9	0	0	0	0	0	0	0	0	0	31
		13	84.8	79.4	31.8	78	1017.6	11.7	3.6	0	9	15	7	0	0	0	0	0	0	0	0	0	31
MORANT POINT LH	6	19	82.1	78.1	31.1	83	1015.8	9.4	3.7	1	7	15	8	0	0	0	0	0	0	0	0	0	31
ORANGE RIVER	950	08	77.2	75.3	29.1	91																	
		16	81.2	78.2	31.3	86																	
D.SANGSTER APT	3	01	75.4	73.9	27.9	93	1014.3	2.2	1.8	4	17	9	1	0	0	0	0	0	0	0	0	0	31
		07	76.1	74.3	28.2	92	1014.6	4.3	3.4	3	11	10	7	0	0	0	0	0	0	0	0	0	31
D.SANGSTER APT	3	13	85.7	78.3	23.2	55	1014.2	17.5	3.4	0	16	7	6	2	0	0	0	0	0	0	0	0	31
		19	79.6	76.7	30.1	87	1013.6	7.0	4.0	0	12	7	10	2	0	0	0	0	0	0	0	0	31
SMITHFIELD	925	08	78.0	73.6	26.4	81																	
TOP MOUNTAIN	3550	07	68.2	65.5	20.2	86																	
		16	73.9	69.1	22.4	78																	
WORTHY PARK	1250	07	70.8	68.6	22.8	89																	
		15	83.3	73.3	23.8	61																	
CAYMAN ISLANDS																							
WEST BAY		09	84.5	77.6	29.0	72		9.0	3.7	1	10	10	8	2	0								
BELIZE																							
BELIZE AIRPORT	17	06	78.0	75.7	29.3	90	1011.9	5.2	5.8	0	3	7	17	4	0	0	1	1	0	0	0	14	15
		12	86.1	78.0	29.2	69	1012.6	9.5	6.1	0	0	9	20	2	0	0	0	0	0	0	0	7	24
		18	82.5	77.2	29.5	78	1010.8	7.2	5.1	0	6	11	10	4	0	0	0	0	0	0	0	4	27
GUYANA																							
BARTICA POTARO R	400	08	76.9	76.0	29.8	94																	
		14	90.4	80.2	29.0	60																	
CAMP JAGUAR		08	75.4	73.9	27.9	93																	
		14	84.4	77.0	28.4	70																	
EBINI	60	08	77.5	75.4	29.1	90	1014.0	2.9	5.6	0	2	5	22	0	0	0	0	0	0	0	1	25	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1973
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
										Number of Observations													
	ft	LST	DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %	mb	kt	MEAN AMT	0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1-2	2-3	3-5	5-10	10 or more
GUYANA																							
EBINI	60	14	83·4	75·9	27·2	70	1011·0	9·2	6·0	0	1	7	20	2	0	0	0	0	1	1	2	16	10
FRIENDSHIP		08	77·6	76·0	29·8	92																	
		14	83·9	76·4	27·7	70																	
GEORGETOWN BOT G	7	08	81·2	76·3	28·5	77	1014·5	9·3	5·9	0	3	6	20	2	0	0	0	0	1	0	0	13	17
		14	84·1	77·1	28·6	72	1013·2	10·9	5·6	0	2	9	16	4	0	0	0	0	0	0	0	16	15
HOSORORO		08	83·7	76·8	28·4	72																	
		14	85·6	76·6	27·2	65																	
ITABRU FALLS		08	76·7	75·5	29·5	94																	
		14	86·3	79·1	30·9	72																	
KAIETEUR FALLS		08	71·9	71·0	25·5	96																	
KAIETEUR FALLS		14	79·5	73·8	25·9	75																	
KAMARANG		08	70·9	69·7	24·2	94	1017·3	0·2	6·3	0	1	7	17	6	0	0	0	0	0	1	1	9	20
		14	81·3	73·5	24·7	68	1013·7	3·1	6·3	0	0	5	25	1	0	0	0	0	0	0	0	1	30
LETHEM	270	08	78·7	74·3	27·0	81	1015·1	14·2	6·7	0	0	6	15	10	0	0	0	0	0	0	1	0	30
		14	87·1	76·0	25·8	59	1011·6	13·3	6·2	0	0	6	23	2	0	0	0	0	0	0	0	1	30
MABARUMA	185	08	80·0	76·3	29·2	83	1014·0	1·3	3·6	0	12	12	6	1	0	0	0	0	0	0	1	14	16
		14	85·6	76·3	26·9	64	1012·6	5·8	5·8	0	0	16	12	3	0	0	0	0	0	1	1	27	2
MAHAICONY ABARY	6	08	80·9	76·1	28·5	79																	
		14	83·4	76·3	27·7	71																	
MATTHEWS RIDGE		08	75·7	74·6	28·7	95																	
MATTHEWS RIDGE		14	83·0	76·3	27·6	72																	
MAZARUNI PRISON	47	08	77·7	74·5	27·8	86																	
		14	81·6	75·4	27·3	74																	
MON REPOS		08	81·1	73·9	25·4	70																	
		14	84·3	75·0	25·4	63																	
NEW AMSTERDAM	3	08	81·3	76·6	29·2	80																	
		14	85·7	77·9	29·2	70																	
PORT KAITUMA		08	76·8	75·1	29·0	92																	
		14	87·8	77·5	27·7	62																	
TIMEHRI AIRPORT	95	02	73·7	73·3	27·8	98	1012·7	0·9	3·7	3	7	14	6	1	0	0	0	0	0	0	0	21	10
TIMEHRI AIRPORT	95	08	78·7	76·0	29·4	88	1014·3	4·3	5·1	0	7	7	14	3	0	0	0	0	0	0	1	15	15
		14	83·9	76·4	27·7	70	1012·2	9·6	6·5	0	0	6	18	7	0	0	0	0	0	1	2	12	16
		20	76·4	74·7	28·5	92	1012·9	2·3	4·1	1	10	8	10	2	0	0	0	0	0	0	0	13	18
TIMEHRI CHS		08	77·9	75·7	29·4	90																	
		14	83·7	76·8	28·4	72																	
WAUNA		08	78·7	76·1	29·5	88		1·3	3·3	0	13	13	3	2	0	0	0	0	0	0	0	15	16
		14	86·3	76·1	26·2	61		7·4	5·1	0	0	18	11	2	0	0	0	0	0	0	1	2	28

TABLE II - SUMMARY OF DAILY OBSERVATIONS MAY 1973

COUNTRY STATION	RAINFALL (INCHES)						AIR TEMPERATURE F					MEAN GRASS MIN ^{0}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
TRINIDAD																	
CENTENO	1•89	•54	3	10	2	0	89•5	72•1	80•8	92	68		257•7				
PENAL AG STATION	1•44	•46	3	6	1	0	91•9			96			221•6				
PIARCO AIRPORT	1•58	•44	25	7	2	0	89•8	73•7	81•7	93	70	72•4	286•0				
ST AUGUSTINE UWI	1•12	•46	2	5	1	0	90•9	71•6	81•2	93	67		298•2				
TOBAGO																	
CROWN POINT APT	1•76	•50	19	9	2	0	90•0	76•6	83•3	91	73	74•5	289•9				
LOUIS D/OR	1•83	•44	19	13	1	0	86•9	77•5	82•2	89	74		254•7				
GRENADA																	
PEARLS AIRPORT	2•27	1•51	10	10	1	1	86•7	78•1	82•4	88	73						
BARBADOS																	
HUSBANDS CMI	1•37	•71	24	8	1	0	87•4	74•7	81•1	90	70		294•4				
SEAWELL AIRPORT	1•17	•18	24	10	0	0	85•6	77•3	81•4	86	74		272•6				
ST LUCIA																	
HEWANORRA APT	1•39	•41	14	7	1	0	87•6	77•1	82•3	89	72						
ROSEAU WINBAN	2•73	•71	12	13	3	0	87•0	74•4	80•7	88	70		269•3				
VIGIE AIRPORT	2•50	•77	17	8	3	0											
DOMINICA																	
MELVILLE HALL AP	1•44	•51	13	7	1	0											
MONTSERRAT																	
GROVE	1•76	•74	13	7	1	0	85•0	70•0	77•5	99	61		268•5				
ANTIGUA																	
COOLIDGE AIRPORT	•97	•54	4	3	1	0	86•8	77•1	81•9	88	72						
DUNBARS	1•10	•70	4	4	1	0	89•4	72•1	80•8	92	70						
BR VIRGIN IS																	
PARAQUITO BAY	•41	•20	12	4	0	0	86•9	77•7	82•3	89	72		292•6				

TABLE II - SUMMARY OF DAILY OBSERVATIONS MAY 1973
(CONTINUED)

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																	
ALLSIDES	9·97	2·76	6	11	6	5	82·3	65·5	73·9	86	62		228·1				
BERNARD LODGE	·10	·10	31	1	0	0	90·5	70·0	80·3	93	67		278·0				
BODLES	1·11	·41	11	4	1	0	89·3	71·0	80·2	92	67		298·6				
CAENWOOD	1·45	·44	19	5	1	0	88·7	77·4	83·0	94	72						
CEDAR VALLEY	·78	·55	20	2	1	0	84·0	64·1	74·1	89	60						
CINCHONA GARDENS	2·28	·98	19	6	3	0	72·7	57·5	65·1	79	55						
DALLAS	2·60	1·17	15	4	2	1	85·9	57·9	71·9	92	55						
DUCKENFIELD	1·50	·52	12	8	1	0	88·5	73·5	81·0	91	68		259·3				
EAST ALBION NURS	·32	·18	31	2	0	0	89·5	74·5	82·0	93	71		261·0				
EMPIRE NURSERY	1·79	·69	19	5	1	0	83·7	60·3	72·0	86	58						
FARM HILL	1·16	·50	19	4	1	0	76·4	52·7	64·5	81	52						
FROME	3·16	·91	15	12	2	0	90·4	70·5	80·5	95	69		214·4				
HALLS DELIGHT	·94	·67	19	4	1	0	79·4	62·4	70·9	85	61						
IRWIN	4·75	2·90	18	7	2	2	91·2	68·9	80·1	94	66						
KINGSTON ST·GEO	·40	·25	15	3	0	0	91·2	75·1	83·2	94	73						
N·MANLEY AIRPORT	·11	·08	15	1	0	0	89·0	76·8	82·9	92	71		284·8				
MARSHALLS PEN	10·18	2·94	2	9	5	4	82·2	61·2	71·7	85	58	60·5		3	0	0	0
MASON RIVER FIEL	·33	·20	20	3	0	0	84·3	63·0	73·7	89	59						
MONYMUSK							90·7	68·3	79·5	95	64		253·6				
MORANT POINT LH	1·55	·53	12	4	2	0	85·6	77·5	81·6	88	50						
ORANGE RIVER	1·72	1·00	19	6	1	1	85·0	68·5	76·8	87	65		266·4				
O·SANGSTER APT	1·36	·72	18	4	2	0	88·8	73·0	80·9	92	69		281·0	1	0	0	0
SMITHFIELD	7·54	1·74	13	13	6	3	85·3	66·5	75·9	93	61		249·8				
TOP MOUNTAIN	·78	·36	30	5	0	0	76·7	60·9	68·8	81	59						
WORTHY PARK	·68	·17	14	5	0	0	87·3	64·2	75·8	91	60		254·2				
CAYMAN ISLANDS																	
WEST BAY	3·82	1·18	21	7	4	2	88·0	74·2	81·1	90	64		284·0				
BELIZE																	
BELIZE AIRPORT	4·93	2·20	29	8	3	2	86·2	76·8	81·5	93	70		232·8	7	1	0	0

TABLE II - SUMMARY OF DAILY OBSERVATIONS CONTINUED MAY 1973

COUNTRY STATION	RAINFALL (INCHES)						AIR TEMPERATURE F					MEAN GRASS MIN	TOTAL SUNSHINE DURATION	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MAX	MEAN MIN	MEAN	EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00	A	B	½(A+B)	MAX	MIN	°F	hr				
GUYANA																	
BARTICA POTARO R	13•49	2•84	31	17	10	4	90•2	70•4	80•3	94	68						
CAMP JAGUAR	15•26	1•68	31	23	16	4		72•1			68		164•3	5	0	0	0
DAWA	7•08	2•00	30	16	5	2											
EBINI	11•17	1•43	11	23	11	3	87•3	72•0	79•7	91	70		136•3	12	1	0	0
FRIENDSHIP	16•25	4•20	31	19	12	7	86•8	71•9	79•4	90	68		187•3				
GEORGETOWN BOT G	5•18	1•92	30	16	4	1	85•8	76•7	81•3	88	72	72•9	211•8				
HOSORORO	7•88	2•70	4	12	6	2	89•4	72•4	80•4	92	70						
ITABRU FALLS	10•78	1•15					89•3	72•9	81•1	92	69	71•4		11	0	0	0
KAIETEUR FALLS	19•29	1•78	31	27	19	9	81•1	69•7	75•4	84	64	69•5		4	17	0	0
KAMARANG	7•10	1•26	31	24	6	2	84•0	67•7	75•9	87	64	66•1	157•2	4	8	0	0
LETHEM	5•60	2•76	24	11	2	1	89•9	73•1	81•5	94	71						
MABARUMA	7•96	2•75	4	15	7	2	88•0	73•5	80•8	95	71			2	0	0	0
MAHAICONY ABARY	9•93	2•17	15	17	5	3	86•1	75•8	81•0	87	73			1	0	0	0
MATTHEWS RIDGE	3•59	1•00	4	6	6	1	89•7	69•4	79•6	91	68						
MAZARUNI PRISON							87•4			90			129•6	4	0	0	0
MON REPOS	4•20	•92	30	15	3	0	86•2	73•3	79•7	88	69		200•5	0	0	0	0
NEW AMSTERDAM	10•16	3•90	16	17	6	3	87•1	74•5	80•8	89	72						
PLANTAIN ISLAND	12•06	1•64	15	20	10	5								27	18	0	0
PORT KAITUMA	6•26	1•94	31	16	5	1	90•8	70•8	80•8	94	67			1	0	0	0
TIBOKU SITE	15•15	2•77	31	20	12	6	86•5	72•2	79•3	90	70	71•1	149•2				
TIMEHRI AIRPORT	14•29	2•29	25	19	11	6	87•2	72•3	79•8	96	69			6	1	0	0
TIMEHRI CHS	14•62	2•14	25	21	13	6	86•9	70•8	78•9	91	67						
WAUNA	7•23	2•79	4	13	6	1	89•0	69•6	79•3	91	67		237•1	1	5	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS MAY 1972

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	110	134	8•66	•36	9										15024	584	263
PENAL AG STATION	88	120	8•80	•35	8												
PIARCO AIRPORT	112	135	8•95	•40	28												
ST AUGUSTINE UWI	131	243	7•78	•30	15												
TOBAGO																	
CROWN POINT APT	136	186	9•32	•43	17												
LOUIS D/OR	55	97	8•32	•39	28												
BARBADOS																	
HUSBANDS CWI	125	186				98•7	71•8	108	14	70							
MONTSERRAT																	
GROVE	149	234															
BR VIRGIN IS																	
PARAQUITO BAY	132	157	11•21	•43	23										14161	525	371
JAMAICA																	
BERNARD LODGE			8•45	•40	25												
BODLES	71	116	9•35	•44	9										19153	699	421
CEDAR VALLEY			6•48	•36	20												
DUCKENFIELD			7•87	•39	28												
EAST ALBION NURS	67	113	8•78M	•61	7												
EMPIRE NURSERY	12	25															
FROME			6•60	•32	3												
HALLS DELIGHT	41	81															
N•MANLEY AIRPORT	153	269															
ORANGE RIVER	39	57	6•60	•36	8												

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS CONTINUED MAY 1973

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES ^{0}F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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																	
D•SANGSTER APT	112	182															
SMITHFIELD	46	62	6•03	•36	13	90•2	74•3	97	11	71	86•6	75•6	92	74			
WORTHY PARK	49	84	5•91	•25	28												
CAYMAN ISLANDS																	
WEST BAY	119	198	8•74	•37	27	99•4	82•4	104	3	78					15699	664	158
GUYANA																	
CAMP JAGUAR			5•10	•29	27												
DAWA			5•56	•26	8												
EBINI	65	111	5•90	•31	20	85•6	78•3	91	8	77	86•5	80•0	92	79			
FRIENDSHIP	48	73	6•07	•37	11												
GEORGETOWN BOT G	98	152															
KAIETEUR FALLS			4•10M	•25	9												
KAMARANG	44	67	5•38	•26	9												
MAHAICONY ABARY			8•30M	•39	7												
PLANTAIN ISLAND			3•90	•20	14												
TIBOKU SITE	32	43	4•53	•23	13												
TIMEHRI CHS	66	98															
WAUNA	35	48	6•45	•31	12	96•0	77•3	102	10	74	93•4	79•6	97	76			

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS MAY 1973

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	.13	.15	.18	.32	.35	.45	.61	.63
PENAL AG STATION	.24	.28	.36	.42	.42	.44	.46	.46
PIARCO AIRPORT	.08	.11	.14	.20	.27	.37	.44	.44
ST AUGUSTINE UWI	.12	.17	.17	.20	.22	.23	.29	.29
TOBAGO								
CROWN POINT APT	.14	.19	.25	.26	.40	.48	.48	.48
LOUIS D/OR	.21	.21	.21	.21	.21	.21	.25	.42
BARBADOS								
HUSBANDS CMI	.20	.31	.34	.42	.42	.47	.69	.71
BR VIRGIN IS								
PARAQUITO BAY	.09	.09	.09	.09	.09	.09	.09	.09
JAMAICA								
N MANLEY AIRPORT	.02	.03	.04	.05	.05	.08	.08	.08
D SANGSTER APT	.08	.13		.40	.58	.63	.72	.72
SMITHFIELD	.26	.45		1.08	1.40	1.69	1.74	1.74
CAYMAN ISLANDS								
WEST BAY	.30	.52	.73	.91	.91	.91.	1.17	1.18
GUYANA								
APAIKWA	.38	.38	.49	.68	.70	.70	1.37	1.40
BARTICA DEM. STA	.61	.68	.85	1.20	1.31	1.37	1.58	1.95
CAMP JAGUAR	.38	.73	.96	1.37	1.58	1.64	1.85	2.03
COOPERS LANDING	.32	.37	.42	.49	.64	.73	.99	1.01
DAWA	.29	.49	.62	.68	.92	1.05	1.99	2.00
EBINI	.22	.34	.62	.72	.90	.92	1.36	1.37
ETERINGBANG	.13	.18	.22	.32	.35	.35	.35	.35
FRIENDSHIP	.51	.71	.91	1.41	2.68	3.55	3.82	4.46
GEORGETOWN BOT G	.48	.72	.80	1.42	1.60	1.66	1.88	1.89
GREAT FALLS	.44	.68	.80	1.36	1.99	2.14	2.17	2.32
KAMARANG	.17	.32	.48	.76	.77	.78	1.03	1.07
KERAMA LDG	.40	.52	.70	.78	.78	1.12	1.52	1.59
LETHEM					1.01	1.36	2.37	2.38
MAHAICONY ABARY	.26	.52	.76	.99	1.02		1.71	1.91
MATTHEWS RIDGE	.38	.45	.50	.56	.60	.77	.78	.80
NEW AMSTERDAM	.32	.38	.40	.43	.60	.64	1.20	2.42
PLANTAIN ISLAND	.33	.47	.62	.77	.88	.99	1.22	1.34
TIBOKU SITE	.68	.82	.92	.92	1.00	1.16	1.71	2.36
TIMEHRI AIRPORT	.24	.48	.72	1.44	2.13	2.27	2.29	2.29
TIMEHRI CHS	.37	.54	.65	1.09	1.82	2.12	2.14	2.14
WAUNA	.32	.44	.61	.76	1.43	1.90	2.40	2.44

TABLE V - SUMMARY OF WINDSPEED RECORDS - MAY 1973

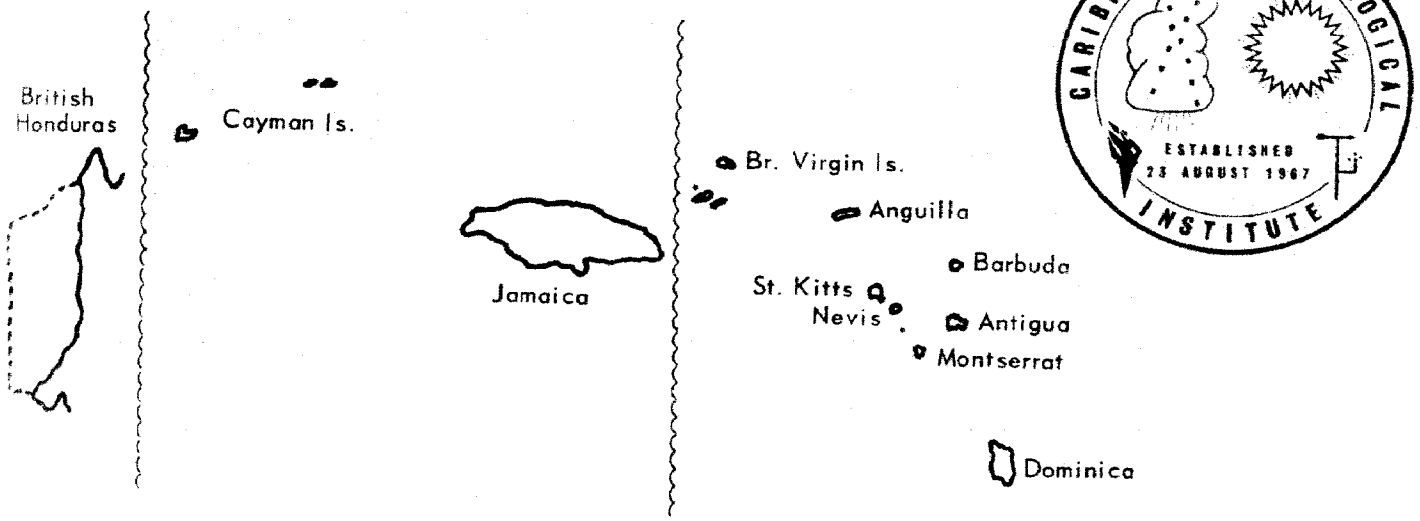
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
CENTENO	09	15	12	13	09	23	1045	7	0	0	0	4·1
PENAL AG STATION	11	16	12	27	11	27	1135	27	0	0	0	5·5
PIARCO AIRPORT	08	19	11	13	08	31	1055	7	0	0	0	9·4
TOBAGO												
CROWN POINT APT	11	17	13	27	13	31	1345	19	0	0	0	9·7
ANTIGUA												
COOLIDGE AIRPORT	12	22	10	15	12	34	1355	14	1	0	0	11·8
CAYMAN ISLANDS												
WEST BAY	13	16	13	28	14	29	1140	27	0	0	0	8·0
GUYANA												
EBINI	04	15	16	5	08	33	1215	4	0	0	0	4·5
GEORGETOWN BOT G	06	15	12	5	06	26	1700	23	0	0	0	8·7
KAMARANG	12	3	16	27	09	6	1400	19	0	0	0	1·0
TIMEHRI AIRPORT	04	14	16	5	06	29	1200	14	0	0	0	4·3

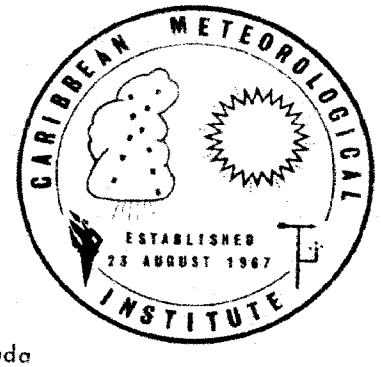
TABLE VI - SUMMARY OF SUNSHINE RECORDS MAY 1973

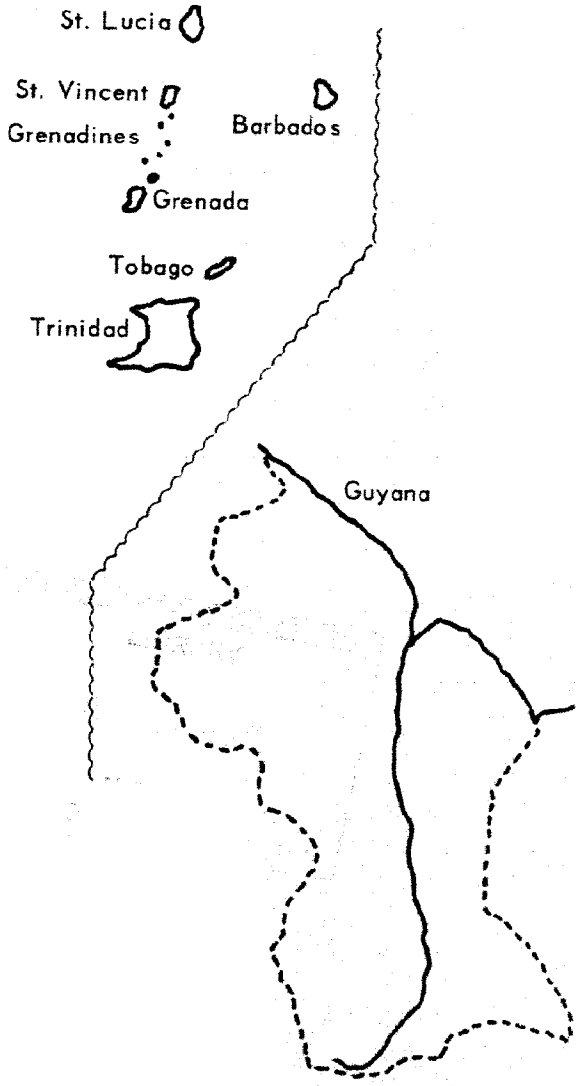
COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)														TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	More than 12
TRINIDAD																								
CENTENO	0	17	70	70	75	80	84	87	85	84	82	69	30	0	257·7	66	11·3	10	0	2	2	13	14	0
PENAL AG STATION	0	5	60	75	69	66	69	71	79	77	69	59	16	0	221·6	57	10·5	21	0	4	5	14	8	0
PIARCO AIRPORT	0	36	80	83	82	85	88	91	89	86	87	78	37	0	286·0	73	11·0	10	0	1	2	6	22	0
ST AUGUSTINE UWI	0	45	86	88	86	86	92	95	90	87	88	37	36	0	298·2	76	11·6	24	0	1	1	7	22	0
TOBAGO																								
CROWN POINT APT	0	30	72	83	92	95	94	97	89	87	75	80	42	0	289·9	74	11·2	7	0	0	3	7	21	0
LOUIS D/OR	0	5	65	83	94	92	97	90	86	78	73	52	9	0	254·7	65	10·5	8	0	1	5	12	13	0
GRENADA																								
MIRABEAU	0	14	38	41	60	65	71	73	70	66	54	28	8	0	182·1	46	10·5	22	0	9	8	13	0	0
BARBADOS																								
HUSBANDS CMI	0	49	83	88	81	89	92	91	89	4	77	79	47	0	294·4	75	10·9	21	0	1	2	5	19	0
SEAWELL AIRPORT	0	20	71	82	85	85	86	89	88	90	83	76	26	0	272·6	69	11·3	23	0	2	2	8	19	0
MONTSERRAT																								
GROVE	0	22	64	67	76	82	80	87	92	85	80	73	56	1	265·8	67	11·4	18	0	1	2	8	19	0
BR VIRGIN IS																								
PARAQUITO BAY	0	50	80	84	92	91	88	88	87	86	82	74	45	0	292·6	72	11·5	23	0	0	1	10	20	0
JAMAICA																								
ALLSIDES	2	76	93	98	96	96	94	84	74	47	40	34	23	0	228·1	66	12·0	25	0	0	7	24	0	0
BODLES	0	42	85	89	90	95	95	93	91	83	72	73	54	2	298·6	74	11·4	8	0	0	1	8	22	0
DUCKENFIELD	0	28	62	77	79	88	91	91	87	82	76	56	15	0	259·3	64	11·0	2	0	0	3	16	12	0
EAST ALBION NURS	0	31	57	73	82	91	90	91	85	77	66	66	31	0	261·0	65	11·1	16	1	0	3	14	13	0
FROME	0	4	16	24	49	61	70	80	87	94	86	80	41	0	214·4	53	10·3	8	0	0	13	12	5	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS MAY 1973 CONTINUED

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																								
N.MANLEY AIRPORT	0	54	86	90	99	90	96	92	83	78	60	56	28	0	284.8	71	11.5	27	0	0	3	9	19	0
MONY MUSK	0	20	66	83	98	99	95	91	87	87	83	67	31	0	253.6	70	10.9	16	0	0	0	13	14	0
ORANGE RIVER	0	27	87	93	93	90	91	87	82	73	57	51	31	0	266.4	66	11.0	8	0	0	2	15	14	0
D.SANGSTER APT	0	50	87	91	94	94	96	94	88	75	60	55	24	0	281.0	70	11.4	4	0	0	3	10	18	0
SMITHFIELD	1	62	77	89	95	93	92	82	60	40	41	46	31	0	249.8	62	11.7	27	0	1	4	16	10	0
CAYMAN ISLANDS																								
WEST BAY G.C	0	41	71	72	82	91	90	86	84	78	79	73	54	4	281.2	69	12.3	16	1	2	3	5	20	0
BELIZE																								
BELIZE AIRPORT	0	36	58	61	68	76	73	70	71	68	66	60	41	2	232.8	58	11.8	6	1	5	2	10	12	0
GUYANA																								
CAMP JAGUAR	0	3	18	24	32	50	54	61	70	77	63	54	23	0	164.3	43	10.7	7	0	7	11	10	3	0
EBINI	0	4	35	42	41	47	46	49	45	45	34	36	20	0	136.3	36	10.1	8	1	13	5	10	2	0
FRIENDSHIP	0	15	49	55	61	66	65	58	57	56	55	51	17	0	187.3	49	11.1	16	0	9	6	6	10	0
GEORGETOWN BOT G	0	1	39	66	79	77	77	72	67	67	69	54	16	0	211.8	55	10.2	9	1	3	7	11	9	0
KAMARANG	0	8	32	35	39	41	41	56	56	56	57	53	32	0	157.2	41	10.8	9	0	9	11	8	3	0
MAZARUNI PRISON	0	2	26	56	58	50	45	41	38	30	32	29	5	0	129.6	34	10.2	9	0	11	10	6	1	0
MON REPOS	0	11	44	57	67	70	71	67	67	67	32	50	14	0	200.5	52	10.3	17	1	5	6	12	7	0
PAKERA	0	3	58	82	82	93	90	74	69	67	61	31	19	0	232.4	60	10.9	7	0	3	5	13	10	0
TIBOKU SITE	0	7	39	42	49	53	47	60	56	49	44	31	7	0	149.2	39	10.9	9	1	10	9	8	3	0
WAUNA	0	17	61	77	70	80	75	73	76	73	70	61	38	0	237.1	61	10.8	9	0	3	2	17	9	0







Monthly Weather Summary

June 1973

MONTHLY WEATHER SUMMARY

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

June 1973

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TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1973

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights)							VISIBILITY (No. of Observations)								
			DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %			MEAN AMT	Number of Observations						(yards)			(miles)				
										0	1,2	3-5	6,7	8	9	0-440	440-1,100	1,100-2,200	1/4-2	2-3	3-5	5-10	10 or more
TRINIDAD																							
CENTENO	50	08	81·0	76·8	29·5	82																	
PENAL AG STATION	25	08	79·6	76·2	29·3	85		1·8															
PIARCO AIRPORT	41	02	76·5	74·2	28·0	90	1013·1	2·4	4·9	0	3	14	12	1	0	0	0	0	0	1	1	8	20
		08	80·2	76·2	29·0	82	1013·9	7·4	5·6	0	3	7	18	2	0	0	0	0	1	1	4	10	14
		14	86·3	76·3	26·6	62	1012·5	13·2	6·3	0	0	7	19	4	0	0	0	1	0	0	6	8	15
PIARCO AIRPORT	41	20	79·3	75·3	28·2	82	1013·1	6·4	5·4	0	4	8	16	2	0	0	0	0	0	1	0	11	18
ST AUGUSTINE UWI	52	09	83·2	76·2	27·9	72		12·8															
TOBAGO																							
CROWN POINT AIRP	9	02	79·2	75·1	27·9	82	1013·0	6·3	3·1	0	5	6	6	2	0	0	0	0	0	0	0	3	16
		08	82·2	76·5	28·6	76	1014·0	9·2	5·6	0	4	7	15	3	0	0	0	0	0	0	0	8	21
		14	86·2	77·4	28·2	66	1012·9	13·0	5·7	0	5	5	11	6	0	0	0	0	0	0	0	12	15
		20	80·2	75·4	27·8	79	1013·4	6·2	5·2	0	3	6	7	3	0	0	0	0	0	0	0	6	13
LOUIS D/OR	40	08	82·2	76·5	28·6	76																	
GRENADA																							
PEARLS AIRPORT	22	08	81·8	77·1	29·7	80	1014·1	7·2	4·9	0	1	19	6	3	0	0	0	0	0	0	0	11	18
		14	84·3	78·2	30·2	75	1013·2	7·9	4·5	0	2	18	6	4	0	0	0	0	0	0	0	8	22
BARBADOS																							
HUSBANDS CMI	370	08	81·0	74·4	26·1	72	1014·8	12·1	5·0	0	5	12	9	4	0	0	0	0	0	0	3	11	16
SEAWELL AIRPORT	183	02	79·8	75·8	28·4	82	1013·7	11·6	4·9	0	3	14	13	0	0	0	0	0	0	0	2	7	21
		08	81·7	76·2	28·4	77	1015·1	12·8	5·2	0	4	9	14	3	0	0	0	0	0	0	3	8	19
		14	84·1	76·9	28·5	71	1014·1	12·4	5·5	0	3	9	16	2	0	0	0	0	0	0	2	8	20
		20	80·7	76·1	28·6	80	1014·6	11·5	4·9	0	5	11	13	1	0	0	0	0	0	0	2	8	20
ST LUCIA																							
HEWANORRA APT		08	82·2	76·6	28·7	77	1014·2	14·3	5·2	0	0	11	11	1	0	0	0	0	0	0	0	0	23
		14	85·1	77·8	29·2	71	1013·3	12·7	4·9	0	3	14	10	0	0	0	0	0	0	0	0	1	26
ROSEAU WINBAN	200	09	83·3	76·6		73																	
VIGIE AIRPORT	7	08	81·8	76·1	28·2	76	1015·0	10·2	4·6	0	7	11	10	2	0	0	0	0	0	0	0	1	29
		14	85·7	77·4	28·4	68	1014·2	12·2	4·9	0	3	13	13	0	0	0	0	0	0	0	0	0	29
DOMINICA																							
MELVILLE HALL AP	45	08	81·9	75·9	27·8	75	1015·1	11·9	5·7	0	1	12	11	3	0	0	0	0	0	2	4	11	10
		14	84·6	77·2	28·7	71	1014·4	14·1	5·0	0	2	15	10	2	0	0	0	0	0	0	5	6	18

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	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	81·5	70·1	27·6	75																	
ANTIGUA																							
COOLIDGE AIRPORT	26	08	82·0	76·4	28·6	77	1016·2	13·3	4·1	1	6	13	8	2	0	0	0	0	0	0	0	0	31
		14	85·9	77·7	28·8	68	1015·6	14·9	5·2	0	4	10	14	2	0	0	0	0	0	0	0	0	31
		20	80·7	76·1	28·7	75	1015·9	12·9	3·8	0	8	15	5	2	0	0	0	0	0	0	0	0	31
DUNBARS	220	09	83·7	75·8	27·1	69																	
		15	84·1	76·3	27·7	69																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	81·4	76·1	28·4	78	1015·3	14·7	5·6	0	1	13	16	0	0	0	0	0	0	0	0	2	28
		14	84·5	76·8	28·0	69	1014·6	14·6	4·6	0	6	11	13	0	0	0	0	0	0	0	0	1	29
JAMAICA																							
ALLSIDES		07	71·4	68·4	22·3	85																	
BODLES	60	07	77·7	74·8	28·4	88																	
		13	87·4	77·7	28·1	63																	
CEDAR VALLEY	1980	07	73·5	70·3	23·8	62																	
		13	82·5	74·0	24·9	66																	
CINCHONA GARDENS	4897	07	65·6	62·8	18·3	85																	
DALLAS	950	09	80·2	74·2	26·1	74																	
		15	83·0	75·4	26·3	68																	
DUCKENFIELD	60	08	83·4	78·0	30·3	78																	
EAST ALBION NURS	90	07	80·3	73·0	24·6	70																	
EAST ALBION NURS	90	16	87·0	75·5	25·0	57																	
FARM HILL	4020	07	63·6	61·6	17·8	89																	
		13	74·3	65·3	17·5	61																	
IRWIN	80	08	78·9	76·0	29·5	88																	
		15	84·4	78·1	30·1	75																	
KINGSTON ST GEO	90	07	79·7	74·6	26·9	78																	
		13	87·9	78·4	29·0	64																	
N·MANLEY AIRPORT	9	01	75·7	74·6	28·7	95	1014·0	2·1	2·9	5	13	5	6	1	0	0	0	0	0	0	0	0	50
		07	76·5	75·1	29·2	94	1014·2	3·1	3·9	0	8	14	8	0	0	0	0	0	0	0	0	0	30
		13	84·9	78·7	30·7	75	1013·8	14·2	5·0	0	6	7	16	1	0	0	0	1	0	0	0	0	29

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS CONTINUED JUNE 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): 1/4 - 2	2 - 3	3 - 5	5 -10	10 or more
JAMAICA																							
NORMANLEY AIRPORT	9	19	79·1	76·8	30·4	90	1013·4	4·7	5·3	0	4	7	18	1	0	0	0	0	0	0	0	0	30
MARSHALLS PEN	2300	07	72·0	70·5	24·6	92		3·0	4·1	3	8	6	9	0	4								
MASON RIVER FIEL	2300	07	72·0	70·1	24·3	91																	
		13	80·0	72·9	24·4	70																	
		19	69·6	67·5	22·0	89																	
MONYMUSK	30	07	83·1	78·7	30·5	79																	
MORANT POINT LH	6	01	82·0	78·1	31·1	83	1016·6	10·0	4·0	0	6	19	4	1	0	0	0	0	0	0	0	0	30
		07	82·1	78·0	30·9	83	1016·6	10·2	4·9	0	5	9	15	1	0	0	0	0	0	0	0	0	30
		13	85·7	79·7	31·9	76	1017·1	10·7	4·6	0	3	17	7	3	0	0	0	0	0	0	0	0	30
		19	83·1	78·8	31·6	82	1015·7	8·3	4·7	3	4	13	12	1	0	0	0	0	0	0	0	0	30
ORANGE RIVER	950	08	78·4	76·0	29·5	89																	
		16	80·4	77·6	31·2	88																	
D SANGSTER APT	3	01	80·7	72·7	24·5	68	1013·4	5·7	2·7	2	16	5	7	0	0	0	0	0	0	0	0	0	30
		07	81·4	72·4	23·8	65	1013·8	3·8	3·9	1	10	8	10	1	0	0	0	0	0	0	0	0	30
		13	87·3	75·5	25·8	58	1013·4	19·0	4·8	0	6	8	14	2	0	0	0	0	0	0	0	0	30
D SANGSTER APT	3	19	83·1	75·9	25·1	65	1012·8	11·2	5·3	0	2	9	18	1	0	0	0	0	0	0	0	1	29
SMITHFIELD	925	08	79·3	73·9	26·9	79																	
TOP MOUNTAIN	3550	07	70·0	66·4	20·5	82																	
		16	69·7	63·8	19·5	79																	
WORTHY PARK	1250	07	70·5	69·1	23·7	93																	
		15	79·9	73·9	26·0	75																	
CAYMAN ISLANDS																							
WEST BAY		09	85·2	78·3	30·2	73		8·7	4·2	0	9	9	9	3	0								
BELIZE																							
BELIZE AIRPORT	17	06	78·8	76·0	29·6	88	1012·3	5·5	6·1	0	2	4	22	2	0	1	0	0	0	0	0	11	18
		12	85·8	78·2	29·6	70	1013·0	9·8	6·4	0	1	3	23	3	0	0	0	0	0	0	1	2	27
		18	83·0	77·3	29·6	77	1011·2	8·6	5·5	0	3	9	17	1	0	0	0	0	0	0	1	2	27
GUYANA																							
BARTICA POTARO R	400	08	76·6	75·4	29·5	94																	
		14	84·8	77·0	28·1	69																	
CAMP JAGUAR		08	75·2	73·9	28·0	94																	
		14	81·6	74·7	27·8	76																	
EBINI	60	08	77·4	75·5	25·8	80	1013·5	2·5	6·1	0	2	1	23	2	0	0	0	0	0	0	0	21	7

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1973
(CONTINUED)

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
GUYANA																								
EBINI	60	14	83·8	77·0	28·6	72	1010·4	5·9	6·1	0	0	3	21	3	0	0	0	0	0	0	1	18	8
FRIENDSHIP		08	77·2	75·9	30·0	94																		
		14	83·6	77·2	29·0	74																		
GEORGETOWN BOT 6	7	08	79·4	75·3	29·9	87	1013·7	4·8	6·5	0	1	5	21	3	0	0	0	1	0	0	1	13	15
		14	83·4	77·9	30·2	77	1012·3	8·4	6·5	0	0	7	20	3	0	0	0	0	0	0	0	7	23
HOSORORO		08	77·0	75·4	29·3	92																		
		14	80·8	76·4	29·2	81																		
ITABRU FALLS		08	76·7	75·6	29·8	95																		
		14	87·0	80·0	31·8	70																		
KAIETEUR FALLS		08	72·4	71·4	25·8	95																		
KAIETEUR FALLS		14	80·0	74·4	26·5	76																		
KAMARANG		08	71·4	70·2	24·7	94	1016·4	0·0	6·9	0	0	2	21	6	0	0	0	0	0	0	0	5	24
		14	79·8	73·9	26·0	75	1013·4	2·3	6·2	0	0	3	26	0	0	0	0	0	0	0	0	0	29
LETHEM	270	08	78·3	74·4	27·3	82	1014·5	10·9	6·1	0	0	6	19	5	0	0	0	0	0	1	1	2	26
		14	86·0	76·3	26·8	63	1011·6	12·0	6·6	0	0	8	19	3	0	0	0	0	0	0	1	1	28
MABARUMA	185	08	77·6	75·8	29·6	92	1013·2	2·2	6·1	0	2	8	9	11	0	0	0	0	1	4	2	15	8
		14	81·1	76·5	29·0	80	1012·0	4·3	7·2	0	0	4	8	17	0	0	0	1	0	0	1	24	3
MAHAICONY ABARY	6	08	78·8	76·1	29·4	88																		
		14	83·1	77·3	22·8	59																		
MATTHEWS RIDGE		08	75·3	74·4	28·6	96																		
MATTHEWS RIDGE		14	82·5	75·8	27·4	72																		
MAZARUNI PRISON	47	08	76·6	75·0	29·0	93																		
MON REPOS		08	78·6	74·1	26·7	80																		
		14	82·4	75·5	27·0	71																		
NEW AMSTERDAM	3	08	78·9	76·0	29·3	84																		
NEW AMSTERDAM	3	14	85·6	77·9	29·1	69																		
PORT KAITUMA		08	76·3	75·3	29·5	95																		
		14	82·5	77·8	30·5	80																		
SKELDON FRONT		08	78·9	76·6	30·3	90																		
TIMEHRI AIRPORT	95	02	74·5	74·3	28·8	99	1012·0	0·8	5·3	1	4	8	11	6	0	0	1	0	0	1	2	22	4
TIMEHRI AIRPORT	95	08	77·3	75·8	29·7	93	1013·3	2·0	6·3	0	1	5	21	3	0	0	1	0	1	0	3	14	11
		14	82·8	77·2	29·7	78	1011·4	6·7	6·8	0	0	2	25	3	0	0	0	0	0	2	1	18	9
		20	76·3	75·4	29·7	96	1012·2	2·0	5·5	1	3	6	20	0	0	0	0	0	0	0	1	19	10
TIMEHRI CHS		08	77·1	75·9	30·0	95																		
		14	82·6	77·4	29·7	79																		
WAUNA		08	76·9	75·8	29·9	95		6·0	5·6	0	1	10	15	4	0	0	0	0	0	1	1	3	13	12
		14	80·6	76·3	29·1	82		4·7	6·7	0	0	5	14	11	0	0	0	0	0	0	0	13	17

TABLE II - SUMMARY OF ... JUNE 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	EXTREMES MIN	MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION hr	NO OF DAYS WITH THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	8.14	2.30	26	16	8	0	87.6	73.0	80.3	92	67		181.4	1	0	0	0
PENAL AG STATION	4.08	.95	24	12	5	0	90.0						131.4				
PIARCO AIRPORT	6.63	1.78	26	14	6	1	88.3	73.9	81.1	92	71	71.6	192.3	4	1	0	0
ST AUGUSTINE UWI	7.01	1.60	26	14	6	1	88.7	72.1	80.4	93	68		207.7	5	0	0	0
TOBAGO																	
CROWN POINT APT	5.26	2.15	27	14	7	2	85.4	76.5	81.0	91	74		229.3				
LOUIS D/OR	4.69	.78	18	16	3	0	85.7	77.5	81.6	88	74		185.0				
GRENADA																	
PEARLS AIRPORT	5.47	1.41	18	13	4	1	86.2	77.2	81.7	88	73						
BARBADOS																	
HUSBANDS CMI	3.83	1.52	23	16	3	1	86.8	75.3	81.1	89	71		207.0				
SEAWELL AIRPORT	4.78	2.40	23	16	2	1	85.9	77.6	81.8	87	74		219.3				
ST LUCIA																	
HEWANORRA APT	3.26	.67	25	12	2	0	87.2	76.9	82.1	89	73			1	0	0	0
ROSEAU WINBAN	8.28	1.30	18	18	5	3	86.9	75.2	81.0	88	70		219.9				
VIGIE AIRPORT	6.67	2.30	24	9	7	1											
DOMINICA																	
MELVILLE HALL AP	8.96	2.14	11	19	7	3	85.6	75.7	80.7	88	73		233.3				
MONTSERRAT																	
GROVE	2.66	.95	18	10	1	0	87.5	73.2	80.3	90	68		241.5				
ANTIGUA																	
COOLIDGE AIRPORT	1.41	.36	28	7	0	0	87.7	78.2	83.0	89	73						
DUNBARS	1.81	.73	17	7	1	0											
BR VIRGIN IS																	
PARAQUITO BAY	2.20	1.39	13	8	1	1	87.2	77.7	82.5	89	73		255.0				

TABLE II - SUMMARY OF DAILY OBSERVATIONS JUNE 1973
(CONTINUED)

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																	
ALLSIDES	11•32	1•76	15	16	6	4	82•2	66•2	74•2	84	64						
BERNARD LODGE	•27	•20	25	2	0	0	92•1	72•2	82•2	95	69		206•5				
BODLES	1•91	1•17	6	4	1	1	86•9	71•0	79•0	92	67		232•9				
CAENWOOD	5•03	2•34	3	10	4	1	87•8	77•4	82•6	90	75						
CEDAR VALLEY	2•85	1•30	25	8	2	1	84•8	65•2	75•0	92	62						
CINCHONA GARDENS	3•64	1•41	1	9	4	1	74•0	58•0	66•0	79	56						
DALLAS	5•49	1•92	1	9	6	3	85•0	58•2	71•6	95	56						
EAST ALBION NURS	2•79	1•92	25	4	1	1	89•1	75•1	82•1	92	72		169•0				
EMPIRE NURSERY	1•63	•94	24	3	2	0	85•3	61•9	73•6	87	58						
FARM HILL	3•17	•80	23	10	4	0	75•7	52•5	64•1	82	52						
FROME	8•06	1•34	14	15	7	3	89•8	71•0	80•4	94	69		139•7				
HALLS DELIGHT	3•52	2•09	2	4	2	1											
IRWIN	7•98	2•02	25	13	9	2	91•5	70•5	81•0	95	67						
KINGSTON ST•GEO	2•58	1•03	6	4	2	2	90•6	75•6	83•1	93	73						
N•MANLEY AIRPORT	1•49	•50	25	3	2	0	88•7	77•1	82•9	92	76		246•1				
MARSHALLS PEN	7•35	3•61	6	8	4	3	82•0	66•8	74•4	86	61	66•0		11	0	1	2
MASON RIVER FIEL	7•38	1•40	10	13	7	4	83•1	63•1	73•1	85	61						
MONYMUSK	1•80	•65	1	5	3	0	90•7	69•2	80•0	93	67						
MORANT POINT LH	3•28	1•12	25	9	4	1	86•6	79•4	83•0	88	72			4	0	0	0
ORANGE RIVER	5•09	1•52	26	7	6	1	85•8	69•3	77•6	89	67		188•9				
O•SANGSTER APT	3•33	1•05	12	9	3	1	89•1	74•1	81•6	93	72		242•5	3	0	0	0
TOP MOUNTAIN	1•03	•46	6	5	1	0	77•5	62•6	70•1	82	59						
WORTHY PARK	5•99	1•83	25	13	7	1	86•7	66•8	76•7	91	62		154•5				
CAYMAN ISLANDS																	
WEST BAY	5•37	1•38	3	10	4	2	80•1	74•3	77•2	92	72		222•7				

TABLE II - SUMMARY OF DAILY OBSERVATIONS JUNE 1973
(CONTINUED)

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
BELIZE																	
BELIZE AIRPORT	4·99	1·57	28	7	4	3	87·7	77·2	82·5	89	72		199·7	7	0	0	0
GUYANA																	
BARTICA POTARO R	14·34	1·82	12	25	14	3	87·3	72·5	79·9	90	70						
CAMP JAGUAR	11·98	2·07	20	21	9	6	86·8	73·0	79·9	89	70	71·7	176·8				
DAWA	14·51	2·47	14	25	14	3											
EBINI	10·39	1·46	15	21	8	3	87·6	72·8	80·2	92	70		119·7	18	5	0	0
FRIENDSHIP	16·23	5·02	21	23	13	4	87·3	72·7	80·0	91	71		150·3				
GEORGETOWN BOT G	11·59	1·69	7	26	14	1	84·7	75·0	79·9	88	72	72·2	140·9	1	0	0	0
HOSORORO	15·52	2·41	19	24	14	4	85·6	72·7	79·2	88	71						
ITABRU FALLS	14·74	1·99	7	26	14	4	88·7	73·6	81·2	91	71	72·4		14	0	0	0
KAMARANG	15·52	1·90	19	26	13	6	83·2	68·9	76·1	86	66	68·1	107·8	6	0	0	0
LETHEM	7·03	1·66	5	16	6	2	89·1	73·3	81·2	92	71			3	0	0	0
MABARUMA	14·92	2·22	24	25	13	5	85·4	73·2	79·3	89	71			9	0	0	0
MAHAICONY ABARY	9·48	1·29	10	19	9	3	85·0	75·1	80·1	88	71			1	0	0	0
MATTHEWS RIDGE	9·24	1·08	9	20	12	1	88·5	68·2	78·4	91	65						
MAZARUNI PRISON	13·43	1·40	7	20	12	7	85·9			90			79·7	8	20	0	0
MON REPOS	10·77	1·41	7	24	12	3	84·5	72·3	78·4	86	66		130·8				
NEW AMSTERDAM	11·92	2·25	21	25	11	2	86·5	73·7	80·1	89	72						
PLANTAIN ISLAND	12·85	2·52	12	25	10	3								28	20	0	0
PORT KAITUMA	13·29	2·05	20	23	12	3	86·5	72·8	79·7	91	69			4	0	0	0
SKELDON FRONT	12·64	2·43	29	25	9	3	85·4	73·2	79·3	90	70	72·1					
TIMEHRI AIRPORT	11·58	1·36	14	25	8	3	85·7	73·1	79·4	89	71			14	5	0	0
TIMEHRI CHS	11·48	1·74	14	24	9	3	86·0	72·5	79·3	89	70						
WAUNA	12·97	1·54	11	24	11	4	86·0	71·0	78·5	90	67		95·0	10	7	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JUNE 1973

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	77	124	6·38	.34	8										12599	586	159
PENAL AG STATION	73	108	6·82	.35	8												
PIARCO AIRPORT	91	133	7·11	.40	7												
ST AUGUSTINE UWI	122	192	5·32	·27	8												
TOBAGO																	
CROWN POINT APT	123	194	8·48	·57	14												
LOUIS D/OR	55	100	6·20	·37	4												
BARBADOS																	
HUSBANDS CMI	128	196	9·29M	.48	22	88	9	71	6		93	16	68				
BR VIRGIN IS																	
PARAQUITO BAY	132	180	10·07	.41	1										12812	520	82
JAMAICA																	
ALLSIDES	105	174															
BERNARD LODGE			6·75	.40	15												
BODLES			7·22	.39	7										16788	665	328
CEDAR VALLEY			6·22	.40	11												
EAST ALBION NURS	69	114	7·52	.41	27												
EMPIRE NURSERY	11	23	5·70	.36	20												
FARM HILL			4·72M	·30	22												
FROME			4·84M	·24	3												
N·MANLEY AIRPORT	136	260															
ORANGE RIVER	33	63													14288	654	282

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS CONTINUED JUNE 1973

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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																	
D•SANGSTER APT	93	145															
SMITHFIELD	41	62				87•5	74•1	95	23	72	84•5	76•2	90	74	12183	548	231
WORTHY PARK	35	44	4•39	•21	1												
CAYMAN ISLANDS																	
WEST BAY	98	152	7•17	•32	1	97•3	82•3	105	23	80					13846	615	235
GUYANA																	
CAMP JAGUAR			4•63	•26	28												
DAWA			4•34	•39	8												
EBINI	40	68	4•99	•26	30	86•1	79•5	90	19	78	86•0	81•0	89	79			
FRIENDSHIP	34	51	4•21	•25	30												
GEORGETOWN BOT G	60	116	4•74	•28	21												
ITABRU FALLS			3•95M	•23	20												
KAMARANG	59	97	4•49	•38	23												
MAHAICONY ABARY	131	169	6•75	•31	4												
PLANTAIN ISLAND			3•32	•23	3												
TIMEHRI CHS	44	78															
WAUNA	14	31	4•38	•36	15	90•0	75•9	98	3	74	87•2	77•6	91	76			

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS JUNE 1973

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	.24	.40	.56	.67	.83	1.19	2.05	2.28
PENAL AG STATION	.28	.40	.40	.51	.51	.67	.95	.95
PIARCO AIRPORT	.21	.46	.48	.56	.57	.87	1.61	1.72
ST AUGUSTINE UWI		.35	.57	.75	.85	1.04	1.60	1.60
TOBAGO								
CROWN POINT APT	.29	.47	.56	.74	1.07	1.12	2.15	2.15
LOUIS D/OR	.28	.43	.44	.50	.50	.68	.76	.78
BARBADOS								
HUSBANDS CMI	.22	.30	.40	.52	.52	.69	.91	1.20
BR VIRGIN IS								
PARAQUITO BAY	.32	.50	.50	.84	.85	.93	.93	.95
JAMAICA								
N MANLEY AIRPORT	.10	.15	.20	.38	.40	.76	.82	.82
D SANGSTER APT	.23	.43	.63	.83	.92	.94	1.05	1.05
SMITHFIELD			1.07	1.32	1.60	1.93	2.18	2.18
CAYMAN ISLANDS								
WEST BAY	.32	.61	.90	1.12	1.28	1.36	1.36	1.36
GUYANA								
APAIKWA	.36	.60	.80	1.00	1.24	1.66	1.90	1.92
APOTERI	.38	.58	.60	.63	.88	.99	1.44	1.70
BARTICA DEM. STA	.54	.68	.69	1.02	1.46	2.11	2.24	2.30
COOPERS LANDING	.29	.42	.53	.82	1.11	1.30	2.06	2.07
DAWA	.30	.46	.60	.76	1.24	1.26	1.38	1.81
EBINI	.32	.56	.64	.94	1.05	1.05	1.44	1.48
FRIENDSHIP	.33	.66	.87	1.23	1.98	2.67	3.83	3.83
GEORGETOWN BOT G	.38	.42	.54	.59	.60	.70	1.07	1.51
ITABRU FALLS	.39	.60	.74	1.15	1.54	1.77	1.96	1.99
KAIETEUR FALLS	.32	.54	.60	.88	.98	1.48	1.72	1.83
KAMARANG	.56	.63	.64	.67	.76	.93	1.11	1.83
KERAHA LDG	.33	.48	.59	.71	.87	.87	1.33	1.33
LETHEM	.20	.38	.45	.50	.50	.77	1.26	1.66
MAHAICONY ABARY	.30	.52	.74	.87	1.09	1.27	1.59	1.60
NEW AMSTERDAM	.34	.35	.36	.38	.53	.65	1.12	1.87
PLANTAIN ISLAND	.37	.61	.73	.90	1.08	1.55	2.40	2.52
SKELDON FRONT	.56	.95	1.18	1.80	2.26	2.26	2.40	2.42
TIMEHRI AIRPORT	.36	.58	.68	.73	1.08	1.23	1.30	1.30
TIMEHRI CHS	.26	.40	.60	.72	.79	1.40	1.43	1.43
WAUNA	.28	.40	.60	.84	.95	1.16	1.28	1.49

TABLE V - SUMMARY OF WINDSPEED RECORDS - JUNE 1973

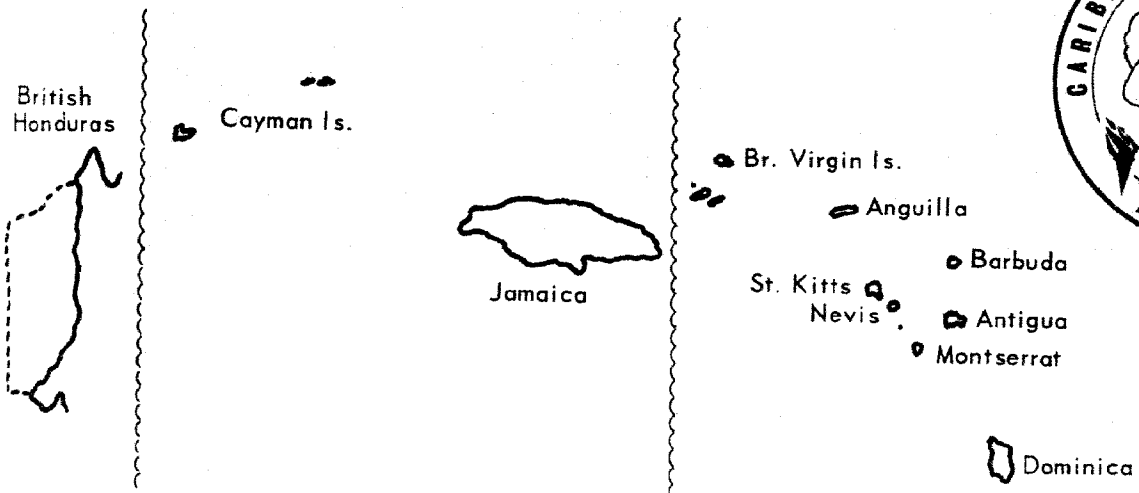
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PENAL AG STATION	14	16	14	29	16	34	1340	29	1	0	0	4·2
PIARCO AIRPORT	08	17	12	15	07	30	1155	15	0	0	0	7·8
TOBAGO												
CROWN POINT APT	12	17	13	14	16	27	0525	17	0	0	0	8·6
ANTIGUA												
COOLIDGE AIRPORT	11	20	09	19	10	33	2345	4	0	0	0	13·3
CAYMAN ISLANDS												
WEST BAY	09	14	13	4	14	29	1420	28	0	0	0	5·5
GUYANA												
EBINI	09	12	12	12	09	26	1815	11	0	0	0	3.5
GEORGETOWN BOT G	03	13	16	3	06	20	0950	12	0	0	0	6.2
TIMEHRI AIRPORT	03	15	14	3	04	23	1410	3	0	0	0	3.3

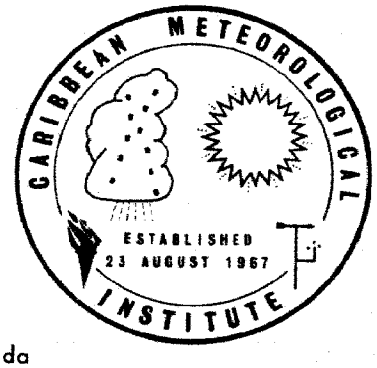
TABLE VI - SUMMARY OF SUNSHINE RECORDS JUNE 1973

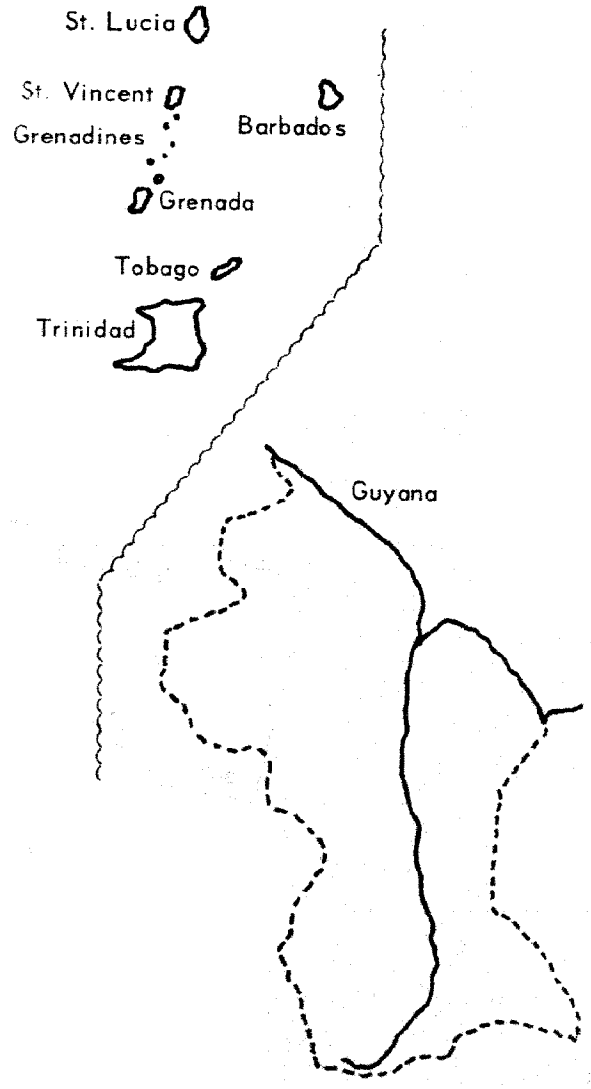
COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)													TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	More than 12
TRINIDAD																								
CENTENO	0	18	51	49	58	70	60	67	67	62	49	36	18	0	181.4	47	11.3	7	0	8	8	6	8	0
PIARCO AIRPORT	0	25	48	58	66	71	60	66	66	66	55	38	21	0	192.3	50	11.4	23	2	6	5	6	11	0
ST AUGUSTINE UWI	0	24	61	77	70	71	64	65	67	66	60	48	20	0	207.7	54	11.8	7	0	7	5	6	12	0
TOBAGO																								
CROWN POINT APT	0	27	60	66	74	74	75	79	78	81	67	54	28	0	229.3	60	11.8	22	0	5	3	11	11	0
LOUIS D/OR	0	5	34	52	67	68	70	70	73	70	62	38	9	0	185.0	48	12.5	55	0	7	6	10	7	0
GRENADA																								
MIRABEAU	0	15	34	47	52	58	62	61	54	50	38	24	8	0	151.2	38	8.9	7	0	8	9	13	0	0
BARBADOS																								
HUSBANDS CMI	0	26	56	60	74	74	61	62	65	69	66	46	29	0	207.0	53	11.0	25	0	5	6	9	10	0
SEAWELL AIRPORT	0	21	52	69	82	75	74	74	73	74	70	46	20	0	219.3	57	11.2	7	0	4	5	11	10	0
DOMINICA																								
MELVILLE HALL AP	0	39	63	70	80	79	75	74	74	75	68	57	22	0	233.3	60	11.6	23	0	1	8	6	13	0
MONTSERRAT																								
GROVE	0	20	53	70	81	80	84	86	83	79	73	59	43	1	241.5	61	11.7	1	0	1	6	9	12	0
BR VIRGIN IS																								
PARAQUITO BAY	0	46	73	77	81	83	84	82	86	78	74	61	27	0	255.0	64	11.3	1	0	2	3	7	18	0
JAMAICA																								
BODLES	0	52	89	84	78	85	89	76	66	58	48	38	18	0	232.9	59	11.2	4	0	2	4	12	12	0
EAST ALBION NURS	0	13	33	41	45	64	74	72	66	55	46	39	14	0	169.0	43	10.5	29	0	4	12	8	5	0
FROME	0	14	52	72	73	67	71	63	39	25	13	20	8	0	155.2	39	7.9	10	0	4	14	9	0	0
N.MANLEY AIRPORT	2	69	90	94	93	91	85	71	68	57	51	56	14	0	246.1	62	11.7	29	0	2	2	11	15	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS CONTINUED JUNE 1973

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																								
ORANGE RIVER	0	15	62	75	80	79	70	68	56	47	36	32	15	0	188·9	48	10·4	21	0	2	11	14	3	0
D·SANGSTER APT	7	66	89	93	92	88	83	78	68	51	40	36	17	0	242·5	61	11·0	22	0	2	2	11	15	0
SMITHFIELD	3	51	71	82	95	89	67	52	39	27	26	27	17	1	194·0	49	10·5	10	0	1	12	15	2	0
CAYMAN ISLANDS																								
WEST BAY G C	5	40	61	64	73	71	65	63	55	62	65	63	49	6	222·7	34	12·4	15	0	5	6	5	12	2
BELIZE																								
BELIZE AIRPORT	0	31	50	58	61	58	62	58	58	62	65	61	39	1	199·7	50	11·7	3	1	5	7	9	8	0
GUYANA																								
CAMP JAGUAR	0	3	15	38	48	52	58	59	68	76	70	63	40	1	176·8	48	9·5	27	0	4	10	14	2	0
EBINI	0	4	20	31	38	55	57	58	52	39	27	14	4	0	119·7	35	6·9	30	0	10	15	5	0	0
FRIENDSHIP	0	10	27	46	60	70	68	49	49	47	35	29	1	0	150.3	50	7·6	7	1	4	16	9	0	0
GEORGETOWN BOT G	0	2	15	32	40	46	54	63	63	56	46	36	11	0	140·9	37	9·5	4	1	7	14	8	0	0
KAMARANG	0	2	11	24	32	30	28	30	42	46	42	40	20	0	107.8	29	8·7	17	0	12	13	4	0	0
MAZARUNI PRISON	0	2	11	38	37	33	31	22	20	20	14	11	1	0	79·7	20	7·0	30	1	18	9	1	0	0
MON REPOS	0	11	24	34	34	41	40	45	57	89	46	34	13	0	130·8	35	9·7	4	1	12	10	6	1	0
WAUNA	0	11	33	36	29	36	35	33	27	23	22	21	10	0	95·0	25	9·2	6	1	15	10	3	1	0







Monthly Weather Summary

July 1973

MONTHLY WEATHER SUMMARY

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

July 1973

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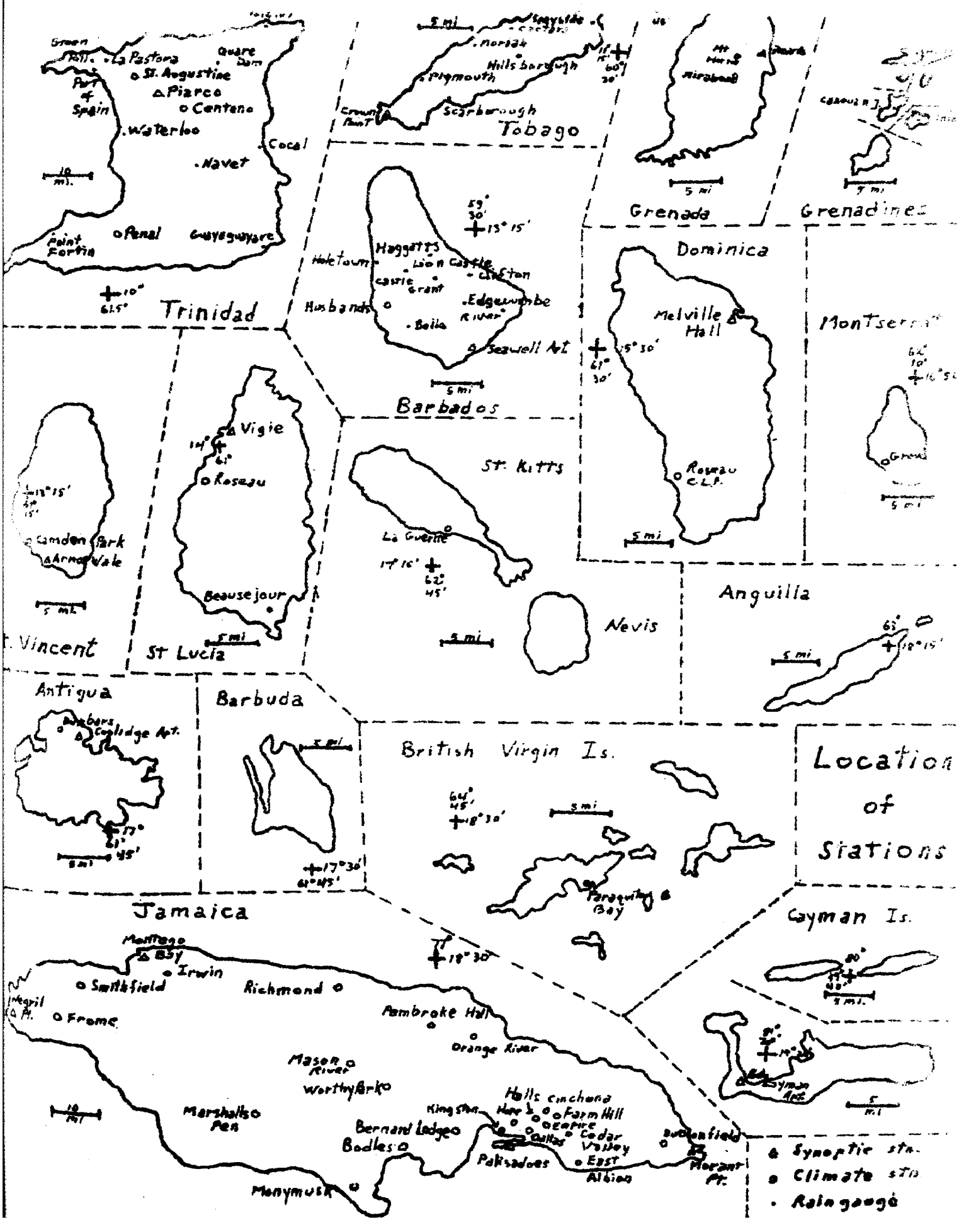
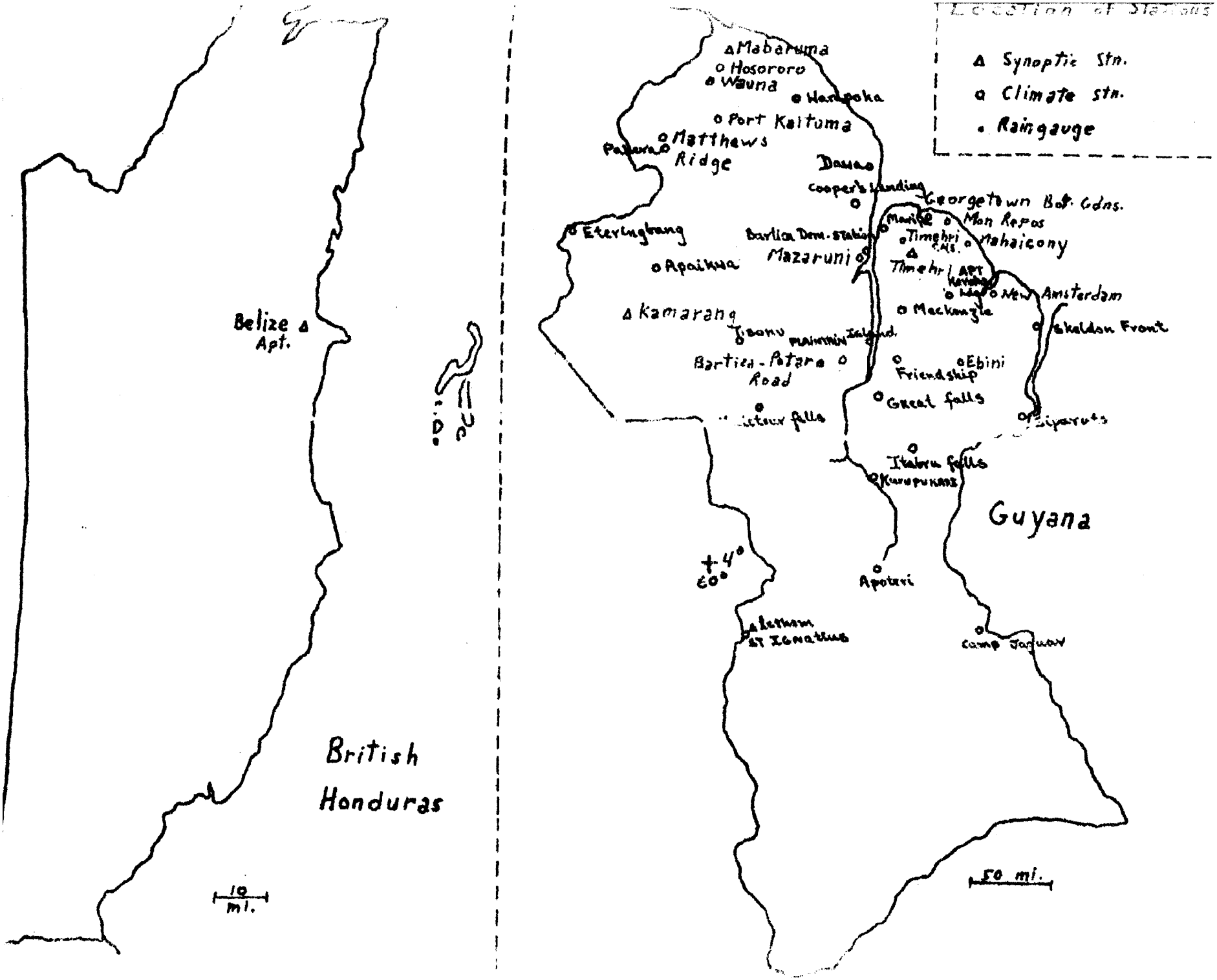

Location of Stations
Trinidad
Tobago
Grenada
Grenadines
Barbados
Dominica
Montserrat
St. Kitts
Nevis
Anguilla
St. Vincent
St Lucia
Antigua
Barbuda
British Virgin Is.
Jamaica
Cayman Is.
Synoptic stn.
Climate stn.
Raingauge


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
Eteringbang
Mazaruni
Apaikwa
Kamarang
New Amsterdam
Mackenzie
Skeldon Front
Bartica-Potaro Road
Friendship
Ebini
Great falls
Itabru falls
Guyana
Apoteri
Camp Jaguar
Belize Apt.
British Honduras
10 mi.
50 mi.

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 of hourly 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.M.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.

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	5,7	8	9	VISIBILITY (No. of Observations) (yards): 0-440	440-1,100	1,100-2,200	(miles): ¼-2	2-3	3-5	5-10	>10	MISS
TRINIDAD																								
CENTENO	50	08	79·9	76·5	29·9	86																		
PENAL AG STATION	25	08	79·1	76·0	29·1	86		2·9																
PIARCO AIRPORT	41	02	75·9	74·0	27·9	91	1014·1	2·2	3·9	1	9	11	9	1	0	0	0	0	0	0	1	8	12
		08	77·9	76·0	28·8	83	1014·5	6·3	4·7	0	8	8	14	1	0	0	0	0	0	0	1	10	20
		14	86·5	77·0	27·4	64	1013·7	12·5	5·4	0	1	14	15	1	0	0	0	0	0	0	3	9	19
PIARCO AIRPORT	41	20	78·8	75·4	28·5	85	1013·2	5·5	4·1	3	9	7	10	2	0	0	0	0	0	0	1	11	19
ST AUGUSTINE UWI	52	09	82·9	76·2	28·3	74		11·7																
TOBAGO																								
CROWN POINT AIRP	9	02	78·5	74·9	28·0	84	1013·6	9·0	3·7	1	12	6	10	0	1	0	0	0	0	0	0	0	29
		08	82·9	76·9	29·1	76	1014·7	9·3	4·5	0	5	14	11	0	0	0	0	0	0	0	0	6	24
		14	85·5	78·0	29·4	71	1013·6	12·1	4·7	0	8	10	11	2	0	0	0	0	0	0	0	6	25
		20	79·6	75·4	28·1	81	1013·9	5·2	3·8	0	15	5	9	1	0	0	0	0	0	0	1	3	25
LOUIS D/OR	40	08	82·8	76·5	28·2	74																		
GRENADA																								
PEARLS AIRPORT	22	08	85·2	79·6	30·2	73	1015·3	1·3	4·6	0	3	18	10	0	0	0	0	0	0	0	0	7	24
		14	88·5	80·9	30·8	67	1014·4	10·9	3·4	0	11	17	3	0	0	0	0	0	0	0	0	2	19
BARBADOS																								
HUSBANDS CMI	370	08	81·3	74·6	26·4	72	1015·5	11·7	4·7	0	3	16	12	0	0	0	0	0	0	0	1	6	24
SEAWELL AIRPORT	183	02	80·1	75·3	27·7	79	1014·5	11·5	4·5	0	9	10	10	2	0	0	0	0	0	1	1	6	23
		08	82·2	75·8	27·5	73	1015·8	12·3	4·7	0	5	13	13	0	0	0	0	0	0	1	4	25
		14	84·9	76·7	27·7	68	1014·8	12·5	4·5	0	7	13	10	1	0	0	0	0	0	2	5	24
		20	81·2	75·5	27·6	76	1015·1	11·2	4·5	0	9	9	11	2	0	0	0	0	0	1	7	23
ST LUCIA																								
HEWANORRA APT		08	82·6	77·0	29·2	77	1014·4	12·6	4·4	0	3	17	8	0	0	0	0	0	0	0	0	0	28
		14	85·5	78·4	30·0	72	1013·7	12·9	4·5	0	4	15	9	1	0	0	0	0	0	0	0	1	28
ROSEAU WINBAN	200	09	83·7	76·3	·																			
VIGIE AIRPORT	7	08	82·2	75·9	27·8	74	1016·0	10·7	3·7	0	9	11	8	0	0	0	0	0	0	0	0	0	29
		14	86·1	76·7	27·2	64	1015·2	11·9	4·4	0	6	14	7	1	0	0	0	0	0	0	0	0	28
DOMINICA																								
MELVILLE HALL AP	43	08	82·2	76·4	28·5	76	1015·9	10·2	4·9	0	0	17	6	1	0	0	0	0	0	1	3	11	9
		14	85·7	78·1	29·3	70	1015·5	13·0	4·3	0	0	25	5	0	0	0	0	0	0	0	3	6	11
MONTSERRAT																								
GROVE	150	08	82·2	77·1	30·1	80																		

(CONTINUED)

COUNTRY . STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
										Number of Observations													
		LST	DRY BULB	WET BULB	VAPOUR PRESS	RELHUM			MEAN AMT	0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1/4-2	2-3	3-5	5-10	10-30
	ft		°F	°F	mb	%	mb	kt															
ANTIGUA																							
COOLIDGE AIRPORT	26	08	82·5	76·2	28·4	75	1016·8	13·4	4·2	0	6	17	8	0	0	0	0	0	0	0	0	1	3
		14	86·4	78·2	29·2	68	1016·3	15·0	4·4	0	7	13	9	2	0	0	0	0	0	0	0	1	3
		20	81·3	79·1	28·4	78	1016·3	11·6	2·9	0	15	11	4	1	0	0	0	0	0	0	0	0	1
DUNBARS	220	09	85·3	76·7	27·6	67																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	81·3	75·8	28·0	77	1016·0	14·0	4·8	0	2	20	9	0	0	0	0	0	0	0	0	1	3
		14	84·6	73·7	28·3	70	1013·4	14·0	4·1	0	7	13	10	0	0	0	0	0	0	0	0	0	3
JAMAICA																							
ALLSIDES		07	72·1	68·3	22·0	82																	
BODLES	60	07	77·9	73·9	27·0	83																	
		13	89·7	78·1	27·5	58																	
CEDAR VALLEY	1980	07	72·8	69·7	23·4	85																	
		13	82·9	73·7	24·3	63																	
CINCHONA GARDENS	4897	07	64·8	61·9	17·6	84																	
DALLAS	950	09	82·6	74·3	25·3	67																	
		15	75·5	66·5	23·1	77																	
DUCKENFIELD	60	08	84·3	78·8	31·3	78																	
EAST ALBION NURS	90	07	81·8	74·2	25·5	69																	
EAST ALBION NURS	90	13	88·4	76·6	26·2	57																	
EMPIRE NURSERY	2130	07	75·1	70·0	23·0	77																	
		13	78·0	72·2	24·4	75																	
FARM HILL	4020	07	64·7	61·9	17·6	85																	
		13	75·5	67·6	19·8	66																	
HALLS DELIGHT	3020	07	75·7	68·2	20·5	68																	
IRWIN	80	08	82·0	77·4	30·1	81																	
		15	87·5	79·7	31·6	71																	
KINGSTON ST GEO	90	07	80·2	73·9	25·8	73																	
		13	89·5	79·3	29·6	62																	
N·MANLEY AIRPORT	9	01	81·1	72·8	24·4	67	1014·3	4·3	1·6	8	14	8	1	0	0	0	0	0	0	0	0	0	3
		07	81·6	72·2	23·6	64	1014·4	3·3	3·4	3	13	4	11	0	0	0	0	0	0	0	0	0	3
		13	88·7	76·1	26·1	56	1013·9	21·4	3·9	0	12	6	13	0	0	0	0	0	0	0	0	0	3
		19	83·9	73·9	24·9	63	1013·4	15·3	3·8	1	8	13	9	0	0	0	0	0	0	0	0	0	3
MARSHALLS PEN	2300	07	72·6	69·6	23·0	84																	
MARSHALLS PEN	2300	13	81·5	75·0	26·8	73																	
MASON RIVER FIEL	2300	07	72·0	70·0	24·1	90		2·8															
		13	81·8	73·8	25·0	67		1·9															
		19	71·8	69·7	23·8	89		0·1															
MONYMUSK	30	07	84·3	78·8	31·2	78																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 73
(CONTINUED)

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																							
MORANT POINT LH	6	01	82·6	78·4	31·3	82	1017·4	4·3	3·3	3	10	15	3	0	0								
		07	82·8	78·5	31·4	82	1017·1	10·1	5·0	0	3	14	14	0	0								
		13	85·4	79·9	32·2	76	1017·7	11·1	3·9	0	7	15	9	0	0								
		19	83·7	78·7	31·5	80	1016·6	16·6	3·4	1	7	20	3	0	0								
ORANGE RIVER	950	16	82·0	78·1	31·0	83																	
D SANGSTER APT	3	01	77·0	74·1	27·9	88	1014·6	1·1	1·5	4	23	3	1	0	0	0	0	0	0	0	0	0	31
		07	77·3	74·5	27·9	87	1014·7	1·6	3·1	5	10	7	9	0	0	0	0	0	0	0	0	3	31
		13	87·3	78·1	29·0	66	1014·3	15·6	3·6	0	15	6	10	0	0	0	0	0	0	1	1	29	
		19	80·9	76·8	29·8	83	1014·0	4·9	4·8	0	7	11	10	3	0	0	0	0	0	0	4	27	
SMITHFIELD	925	08	79·8	74·1	26·6	77																	
TOP MOUNTAIN	3550	07	67·6	63·5	19·0	83																	
		13	76·2	68·3	20·0	65																	
WORTHY PARK	1250	07	69·5	68·6	23·4	95																	
		15	81·2	73·4	26·0	72																	
CAYMAN ISLANDS																							
WEST BAY		09	85·9	79·4	31·8	78		6·8	2·8	1	18	7	3	2	0								
BELIZE																							
BELIZE AIRPORT	17	06	77·3	75·7	25·3	79	1013·4	3·6	6·2	0	1	4	23	2	0	0	0	0	0	0	0	8	23
		12	85·4	78·0	29·5	71	1014·4	11·0	6·3	0	0	7	21	3	0	0	0	0	0	0	0	3	27
		18	82·7	76·9	29·1	76	1012·8	8·5	5·3	0	6	7	17	1	0	0	0	0	0	0	0	6	25
GUYANA																							
CAMP JAGUAR		08	75·2	73·5	27·5	92																	
		14	85·6	73·9	27·9	67																	
EBINI	60	08	77·6	75·4	29·1	90	1014·0	3·0	6·3	0	2	3	22	1	0	0	1	0	0	0	1	22	4
		14	84·3	76·6	27·8	69	1011·1	5·7	6·0	0	1	7	19	1	0	0	0	0	0	0	0	6	24
FRIENDSHIP		08	77·5	76·1	30·1	93																	
		14	84·8	77·5	28·9	71																	
FRIENDSHIP		08	79·1	76·1	29·3	86	1014·3	5·8	5·6	0	1	12	16	2	0	0	0	0	0	0	0	12	18
GEORGETOWN BOT G	7	14	82·9	77·5	29·8	78	1013·0	8·7	5·8	0	0	14	13	4	0	0	0	0	0	0	0	12	18
GREAT FALLS		08	75·2	74·5	28·8	97																	
		14	83·7	78·4	30·6	78																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 73
CONTINUED

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
GUYANA																								
HOSORORO		08	76•6	75•1	29•1	93																		
		14	81•6	76•7	29•2	79																		
ITABRU FALLS		08	76•1	74•9	29•1	95																		
		14	87•3	79•7	31•2	71																		
KAIETEUR FALLS		08	75•0	71•0	25•4	95																		
KAIETEUR FALLS		14	80•4	74•1	26•0	73																		
KAMARANG		08	71•2	70•0	24•5	94	1016•9	0•0	6•4	0	0	6	18	3	0	0	0	0	0	0	0	5	22
		14	79•3	73•1	25•0	73	1014•0	0•9	6•1	0	0	6	21	0	0	0	0	0	0	0	0	0	27
LETHEM	270	08	77•8	74•3	27•4	84	1015•1	11•0	6•0	0	2	9	14	6	0	0	0	0	0	0	2	1	28
		14	86•1	76•1	25•4	62	1012•3	11•7	5•9	0	0	8	22	1	0	0	0	0	0	0	0	0	31
MABARUMA	185	08	76•5	75•3	29•3	94	1013•8	2•1	4•8	0	8	8	12	3	0	0	0	2	0	0	3	11	15
		14	82•3	76•6	28•8	76	1012•7	8•9	6•3	0	1	6	19	5	0	0	0	0	0	1	0	25	5
MAHAICONY ABARY	6	08	78•5	76•0	29•5	89																		
		14	82•9	77•3	29•5	77																		
MATTHEWS RIDGE		08	75•1	74•3	28•6	96																		
MATTHEWS RIDGE		14	82•8	75•6	27•0	70																		
MAZARUNI PRISON	47	08	76•6	75•0	29•0	93																		
		14	77•2	75•3	29•0	91																		
MON REPOS		08	79•5	74•1	26•4	77																		
		14	83•2	75•4	26•6	69																		
NEW AMSTERDAM	3	08	79•5	76•3	29•5	86																		
		14	85•0	77•9	29•5	83																		
PORT KAITUMA		08	77•1	75•8	29•9	94																		
		14	82•5	77•9	30•6	81																		
SKELDON FRONT			79•2	76•5	29•9	88																		
TIMEHRI AIRPORT	95	02	74•0	73•8	28•3	99	1012•8	0•6	4•4	1	7	9	14	0	0	0	1	1	0	0	0	22	7
		08	77•4	75•6	29•5	92	1014•0	2•0	4•6	0	7	10	13	1	0	0	0	0	0	0	3	14	14
		14	83•5	76•8	28•6	73	1012•8	6•3	6•4	0	1	6	21	3	0	0	0	0	0	0	2	13	16
		20	76•1	75•1	29•2	95	1012•6	1•8	5•2	0	4	8	19	0	0	0	0	0	0	0	2	13	16
TIMEHRI CHS		08	76•3	75•4	29•6	96																		
TIMEHRI CHS		14	83•1	77•5	29•6	76																		
WAUNA		08	76•5	75•6	29•8	93		0•4	3•9	0	10	14	6	1	0	0	0	0	0	0	5	14	12
		14	81•0	76•2	28•8	80		5•3	6•1	0	0	9	14	8	0	0	0	0	0	1	2	10	18

TABLE II - SUMMARY OF DAILY OBSERVATIONS JULY 73

COUNTRY STATION	RAINFALL (INCHES) TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH,OR MORE THAN .04	.40	1.00	AIR TEMPERATURES 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	6·79	3·30	2	13	6	1	87·1	72·6	79·8	89	68		239·8				
PENAL AG STATION	2·56	·75	3	14	2	0	90·6						200·6				
PIARCO AIRPORT	6·67	2·98	2	12	4	2	88·5	73·2	80·8	90	70	71·2	259·7	2	0	0	0
ST AUGUSTINE UWI	3·02	1·06	2	10	2	1	88·6	71·2	79·9	91	68		253·5	1	0	0	0
TOBAGO																	
CROWN POINT APT	2·96	1·08	9	11	2	1	86·9	76·4	81·7	90	74	70·4	273·0				
LOUIS D/OR	2·83	·35	15	14	0	0	85·9	77·9	81·9	88	74		253·4				
GRENADA																	
PEARLS AIRPORT	3·45	·85	23	12	2	0	86·5	78·2	82·3	88	74						
BARBADOS																	
HUSBANDS CWI	2·60	·54	15	9	3	0	86·4	74·5	80·4	89	66		290·5				
SEAWELL AIRPORT	1·95	·56	11	6	2	0	86·4	78·0	82·2	88	74		283·7				
ST LUCIA																	
HEWANORRA APT	2·39	1·30	8	8	1	1	86·8	78·2	82·5	89	75			1	0	0	0
ROSEAU WINBAN	3·58	·55	8	12	4	0	87·6	74·9	81·3	90	68		286·9				
VIGIE AIRPORT	2·39	·66	25	9	3	0											
DOMINICA																	
MELVILLE HALL AP	5·66	1·21	25	19	4	1	86·6	76·5	81·6	88	74		142·5				
MONTSERRAT																	
GROVE	2·11	·39	25	12	0	0	88·1	75·3	81·7	91	70		283·4				
ANTIGUA																	
COOLIDGE AIRPORT	1·65	·51	18	9	1	0	88·0	78·9	83·5	89	74						
DUNBARS	2·37	·55	15	10	2	0	89·2	70·0	79·6	90	69						

TABLE II - SUMMARY OF DAILY OBSERVATIONS JULY 73
(CONTINUED)

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
ST KITTS NEVIS																	
CAINES	3·42	1·18	18	10	3	1											
CUNNINGHAM	2·71	·60	8	8	3	0											
NEEDSMUST	4·28	1·00	25	14	3	2	88·7	76·3	82·5	90	74						
BR VIRGIN IS																	
PARAQUITO BAY	3·10	1·12	10	11	2	1	87·5	78·1	82·8	90	72		279·2				
JAMAICA																	
ALLSIDES	7·75	1·79	29	14	7	3	83·8	66·8	75·3	87	65						
BERNARD LODGE	·15	·15	31	1	0	0	92·9	71·6	82·3	95	69		250·0				
BODLES	·00	·00		0	0	0	91·2	70·8	81·0	93	68		269·6				
CAENWOOD	2·03	1·03	13	5	1	1	87·9	77·6	82·7	92	72						
CEDAR VALLEY	2·50	·90	21	5	3	0	84·8	64·9	74·9	86	58						
CINCHONA GARDENS	·47	·14	14	5	0	0	75·2	60·0	67·6	80	58						
DALLAS	1·63	·90	29	2	2	0	82·7	58·5	70·6	95	55						
DUCKENFIELD	2·29	·55	2	10	1	0	90·2	74·0	82·1	92	70						
EAST ALBION NURS	1·12	·32	14	6	0	0	90·0	76·4	83·2	93	70						
EMPIRE NURSERY	·78	·46	31	2	1	0	86·2	62·3	74·4	89	58						
FARM HILL	1·39	·80	23	5	2	0	75·7	52·5	64·1	82	52						
FROME	15·23	3·91	23	19	10	5	91·0	71·5	81·3	93	69		207·5				
HALLS DELIGHT	·38	·15	1	4	0	0	83·7	64·2	73·9	86	62						
IRWIN	6·41	1·96	24	7	4	2	93·8	70·3	82·1	97	66						
KINGSTON ST·GEO	·52	·50	29	1	1	0	92·3	76·3	84·3	95	74						
N·MANLEY AIRPORT	·55	·50	29	2	1	0	89·3	77·6	83·4	92	72		232·7				
MARSHALLS PEN	4·99	1·11	29	11	4	2	82·5	63·6	73·1	85	60	62·5					
MASON RIVER FIEL	5·60	1·27	20	11	5	1	84·4	63·8	74·1	89	60						
MONYMUSK							92·0	69·5	80·8	94	68						
MORANT POINT LH	1·40	·40	13	6	1	0	86·9	80·3	83·6	88	73			8	0	0	0
ORANGE RIVER	2·66	·97	23	8	2	0	87·0	68·9	78·0	89	66		220·5				
D·SANGSTER APT	2·11	·91	20	5	2	0	90·5	74·2	82·3	93	72		249·1	7	0	0	0
SMITHFIELD	12·47	1·65	23	19	13	4	86·1	68·1	77·1	89	64		231·6				
TOP MOUNTAIN	·34	·26	31	2	0	0	79·5	62·5	71·0	84	59						
WORTHY PARK	3·15	1·22	24	10	3	1	87·3	66·5	76·9	91	63		178·5				

TABLE II - SUMMARY OF DAILY OBSERVATIONS JULY 73
(CONTINUED)

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	RAIN	GALE
CAYMAN ISLANDS																	
WEST BAY	4·30	1·72	11	11	3	1	89·0	77·0	83·0	91	72		289·6				
BELIZE																	
BELIZE AIRPORT	9·37	1·07	12	14	6	2	87·7	75·9	81·8	90	71		247·8	8	0	0	0
GUYANA																	
CAMP JAGUAR	11·74	1·87	30	19	10	5	87·7	72·3	80·0	90	70	71·2	231·8				
DAWA	16·88	2·60	3	25	10	6											
EBINI	12·96	3·05	21	21	10	4	87·6	62·6	80·1	90	70		169·9	16	10	0	0
FRIENDSHIP	12·07	2·61	12	24	5	4	87·7	72·2	80·0	90	71		201·5				
GEORGETOWN BOT G	8·77	·92	30	22	11	0	84·6	74·3	79·4	87	72	71·5	185·5				
GREAT FALLS	11·72	1·17	15	25	13	4	86·9	72·2	79·5	89	69	69·3		22	26	0	0
HOSORORO	19·11	4·00	13	26	11	4	85·3	72·3	78·8	89	70						
ITABRU FALLS	11·03	3·76	21	18	7	2	90·7	73·0	81·8	93	71	71·9		12	0	0	0
KAMARANG	16·07	1·94	17	26	15	5	82·3	68·3	75·8	88	65	63·4	160·6	8	4	0	0
LETHEM	12·04	2·09	20	18	11	3	89·0	72·9	80·9	92	70			4	0	0	0
MABARUMA	20·92	3·58	2	28	10	6	85·6	72·9	79·3	89	70			14	0	0	0
MAHAICONY ABARY	11·29	1·50	12	23	8	3	84·7	74·3	79·5	86	71			4	0	0	0
MATTHEWS RIDGE	10·08	1·25	18	20	13	2	88·6	68·0	78·3	90	65						
MAZARUNI PRISON	11·25	2·50	20	9	8	7	87·2			90				12	9	0	0
MON REPOS	8·79	·99	25	25	9	0	84·7	72·3	78·5	86	69		188·9	0	0	0	0
NEW AMSTERDAM	8·40	1·91	29	26	8	1	86·5	74·0	80·2	88	72						
PLANTAIN ISLAND	17·04													25	17	0	0
PORT KAITUMA	12·37	2·28	27	26	12	2	86·7	72·4	79·6	90	68			4	0	0	0
SKELDON FRONT	12·94	2·37	12	23	11	2	86·7	72·4	79·6	90	68	70·3	209·6				
TIMEHRI AIRPORT	12·07	1·77	18	23	11	3	86·6	72·3	79·5	89	71			15	8	0	0
TIMEHRI CHS	12·16	1·90	18	27	14	3	86·5	71·5	79·0	89	70						
WAUNA	17·03	2·96	13	29	12	7	86·3	69·9	78·1	90	65		152·7	14	2	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JULY 73

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	67	83	6•29	•27	21										14706	579	273
PENAL AG STATION	65	85	7•64	•37	25												
PIARCO AIRPORT	87	111	7•74	•50	21												
ST AUGUSTINE UWI	78	109	5•60	•25	25												
TOBAGO																	
CROWN POINT APT	108	165	8•40	•52	18												
LOUIS D/OR	37	87	7•19	•34	18												
BARBADOS																	
HUSBANDS CMI	118	161	9•70	•57	2	91•0	72•7	99	28	70							
MONTSERRAT																	
GROVE	138	210															
ST KITTS NEVIS																	
CUNNINGHAM			5•28M	•30	29												
NEEDSMUST			7•77	•30	12												
BR VIRGIN IS																	
PARAQUITO BAY															14176	563	291
JAMAICA																	
ALLSIDES	110	213															
BERNARD LODGE			8•40	•45	12												
BODLES	67	113	8•92	•42	12										18105	677	450
CEDAR VALLEY			7•36	•55	21												
EAST ALBION NURS	61	101															

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS CONTINUED JULY 73

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	13	31															
FARM HILL			5•09	•30	7												
FROME			5•76	•36	18												
N•MANLEY AIRPORT	147	233	10•01	•49	15												
ORANGE RIVER	33	48	7•57	•48	21										16213	662	344
D•SANGSTER APT	98	161															
SMITHFIELD	42	56															
WORTHY PARK	34	51	5•06	•22	5										13627	564	264
CAYMAN ISLANDS																	
WEST BAY	79	132	7•70	•37	28	98•8	81•9	103	9	79					15579	645	207
GUYANA																	
CAMP JAGUAR			5•74	•26	30												
DAWA			5•63	•31	17												
EBINI	41	70				86•3	79•3	88	3	78	86•2	81•3	88	79			
FRIENDSHIP	35	46	4•81	•24	26												
GEORGETOWN BOT G	54	88	4•87	•23	9												
GREAT FALLS			3•97	•20	8												
KAMARANG	43	122															
MAHAICONY ABARY	97	125	7•13	•37	12												
PLANTAIN ISLAND			4•08	•31	22												
TIMEHRI CHS	45	78															
WAUNA	16	40	4•39	•40	26	91•5	75•4	97	1	74	88•1	77•5	92	76			

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS JULY 73

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	.44	.64	1.24	1.53	1.57	2.43	3.12
PENAL AG STATION	.20	.26	.32	.37	.37	.45	.71	.75
PIARCO AIRPORT	.40	.53	.53	1.00	1.50	1.50	2.23	2.81
ST AUGUSTINE UWI	.18	.25	.27	.30	.48	.53	.61	.61
TOBAGO								
CROWN POINT APT	.12	.12	.20	.25	.39	.39	.45	.45
LOUIS D/OR	.16	.22	.22	.22	.22	.23	.34	.34
BARBADOS								
HUSBANDS CMI	.14	.16	.23	.23	.28	.32	.36	.40
BR VIRGIN IS								
PARAQUITO BAY	.24	.41	.45	.54	.57	.59	1.09	1.09
JAMAICA								
N MANLEY AIRPORT	.10	.13	.20	.33	.50	.50	.50	.50
D SANGSTER APT	.18	.24	.26	.26	.26	.44	.91	.91
SMITHFIELD	.30	.52	.70	.77	1.29	1.29	1.29	1.29
CAYMAN ISLANDS								
WEST BAY	.28	.50	.69	.89	1.36	1.72	1.72	1.72
GUYANA								
APAIKWA	.38	.41	.41	.62	.73	1.09	1.12	1.28
BARTICA DEM. STA	.67	.97	1.05	1.17	1.47	1.47	1.64	1.68
CAMP JAGUAR	.45	.76	.89	1.06	1.13	1.66	1.87	1.87
COOPERS LANDING	.26	.39	.45	.63	.68	.81	.98	1.43
DAWA	.39	.60	.75	1.00	1.39	1.39	1.41	1.54
EBINI	.40	.60	.92	1.32	1.69	1.79	2.85	3.02
ETERINGBANG	.52	.60	.65	.74	1.08	1.09	1.36	1.51
FRIENDSHIP	.37	.48	.73	1.32	1.68	1.82	2.16	2.16
GEORGETOWN BOT G	.44	.52	.60	.64	.74	.74	.82	.92
GREAT FALLS	.85	.85	.85	.85	.88	1.02	1.13	1.16
ITABRU FALLS	.32	.46	.57	.91	1.18	2.07	3.05	3.71
KAIETEUR FALLS	.30	.52	.72	.90	1.03	1.34	1.90	2.22
KAMARANG	.40	.44	.52	.76	.85	1.03	1.47	1.73
KERAHA LDG	.58	.70	.76	1.12	1.72	1.72	1.79	1.80
LETHEM	.51	.77	.99	1.01	1.16	1.44	1.83	2.09
MACKENZIE	.32	.64	.70	.88	1.54	1.68	1.68	1.74
MAHAICONY ABARY	.42	.42	.55	.75	.86	1.28	1.33	1.36
MATTHEWS RIDGE	.20	.22	.27	.39	.70	.80	1.25	1.25
NEW AMSTERDAM	.22	.28	.31	.48	.80	1.09	1.15	1.46
PLANTAIN ISLAND	.42	.73	1.01	1.13	1.20	1.55	1.81	1.94
SKELDON FRONT	.56	.56	.76	1.24	1.49	1.85	2.37	2.37
TIMEHRI AIRPORT	.40	.56	.63	.74	1.04	1.09	1.74	1.74
TIMEHRI CHS	.40	.52	.76	.80	1.10	1.21	1.75	1.75
WAUNA	.40	.56	.63	.76	1.34	2.54	2.73	2.96

TABLE V - SUMMARY OF WINDSPEED RECORDS - JULY 73

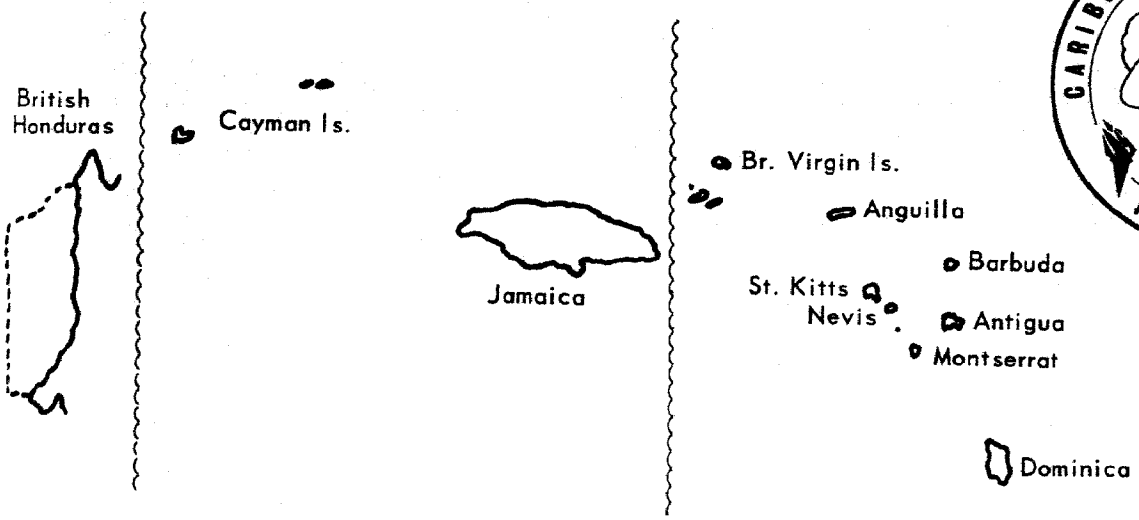
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PENAL AG STATION	14	14	12	26	10	26	1935	25	0	0	0	4·3
PIARCO AIRPORT	08	16	10	12	09	31	1410	2	0	0	0	7·5
TOBAGO												
CROWN POINT APT	13	17	15	27	12	25	0945	9	0	0	0	8·2
BARBADOS												
HUSBANDS CMI	10	16	14	13	10	26	0900	25	0	0	0	9·4
ANTIGUA												
COOLIDGE AIRPORT	10	20	23	15	10	32	1400	2	0	0	0	13·4
CAYMAN ISLANDS												
WEST BAY	12	14	07	29	11	34	0610	29	1	0	0	4·4
GUYANA												
EBINI	02	10	11	11	05	25	1630	12	0	0	0	3·0
GEORGETOWN BOT G	06	19	13	4	05	43	1130	4	1	0	0	5·8
KAIETEUR FALLS	05	5	01	13	09	7	1405	10	0	0	0	1·6
KAMARANG	08	4	18	12	23	5	1645	12	0	0	0	·7
TIMEHRI AIRPORT	07	13	14	17	14	31	1155	4	0	0	0	5·1

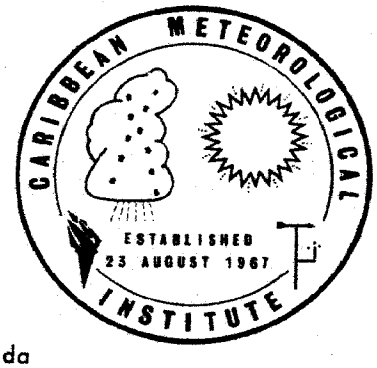
TABLE VI - SUMMARY OF SUNSHINE RECORDS JULY 73

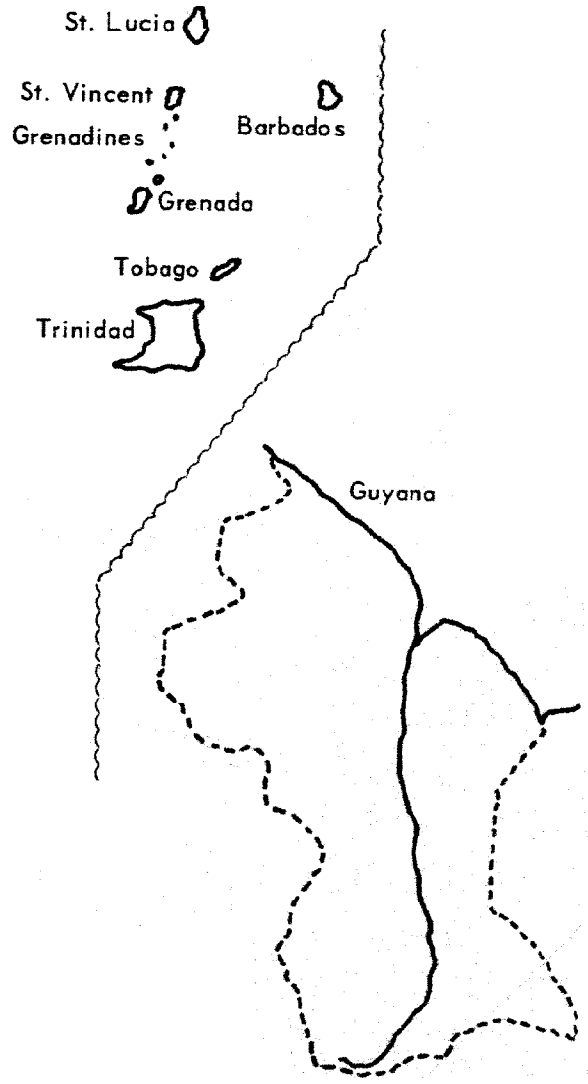
COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)													TOTAL DURATION (hours)	PERCENT OF POSSIBLE	MOST IN A DAY	DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19					NIL	0.1-3.0	3.1-6.0	6.1-9.0	9.1-12.0	More than 12
TRINIDAD																								
CENTENO	0	12	62	74	78	83	82	73	75	71	72	62	29	0	239·8	61	10·8	26	1	2	6	6	16	0
PENAL AG STATION	0	5	39	54	70	73	70	74	74	69	64	40	16	0	200·6	51	10·2	10	2	3	6	13	7	0
PIARCO AIRPORT	0	39	76	78	81	84	83	72	77	73	73	68	34	0	259·7	66	11·4	26	0	2	5	4	20	0
ST AUGUSTINE UWI	0	34	80	85	85	83	77	77	74	74	60	56	31	0	253·5	64	11·3	26	0	2	6	7	16	0
TOBAGO																								
CROWN POINT APT	0	36	79	85	86	78	79	79	81	82	79	75	41	0	273·0	69	11·5	24	0	1	3	7	20	0
LOUIS D/OR	0	5	59	82	85	84	81	87	87	86	84	63	15	0	253·4	64	10·3	30	0	1	2	14	14	0
GRENADA																								
MIRABEAU	0	21	54	58	69	78	81	84	88	77	57	38	8	0	221·9	56	10·5	20	0	0	10	18	2	0
BARBADOS																								
HUSBANDS CMI	0	37	78	81	87	93	89	95	93	84	81	76	42	1	290·5	73	11·5	1	0	0	4	5	22	0
SEAWELL AIRPORT	0	25	77	87	92	94	94	96	91	86	79	67	27	0	283·7	71	11·0	25	0	1	1	9	20	0
DOMINICA																								
MELVILLE HALL AP	1	43	80	77	86	91	90	93	91	94	86	67	28	0	160·6	72	11·2	16	0	0	2	11	17	0
MONTSERRAT																								
GROVE	0	25	65	73	81	81	82	84	87	89	90	87	65	5	283·4	70	11·3	3	0	1	2	9	19	0
BR VIRGIN IS																								
PARAQUITO BAY	0	42	68	77	90	94	92	95	89	85	77	67	24	0	279·2	69	11·2	2	0	0	3	11	17	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS CONTINUED JULY 73

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	47	88	95	90	90	92	87	84	77	57	50	13	0	269·6	66	11·2	3	0	0	2	15	14	0
FROME	0	40	79	91	95	93	93	83	60	31	5	1	0	0	207·5	51	8·8	3	0	2	4	24	0	0
N·MANLEY AIRPORT	1	49	79	90	92	89	86	86	69	60	50	24	2	0	232·7	59	11·1	3	0	1	2	19	8	0
ORANGE RIVER	0	23	66	85	87	83	77	72	72	62	44	31	11	0	220·5	54	11·1	3	0	2	10	11	8	0
D·SANGSTER APT	0	43	86	87	87	88	93	88	78	66	45	37	10	0	249·1	61	11·3	16	0	1	5	16	9	0
SMITHFIELD	3	55	79	84	93	95	84	70	46	52	35	32	20	0	231·6	57	10·7	16	0	1	6	15	9	0
CAYMAN ISLANDS																								
WEST BAY G C	4	52	89	91	86	87	61	79	85	81	67	70	56	7	289·6	71	12·1	26	1	1	1	7	20	1
BELIZE																								
BELIZE AIRPORT	1	45	66	73	81	82	73	70	79	68	70	58	39	3	247·8	61	12·0	29	0	3	5	10	12	1
GUYANA																								
CAMP JAGUAR	0	8	31	46	57	64	76	86	86	90	79	68	47	0	231·8	61	11·0	27	0	0	8	17	6	0
EBINI	0	6	33	48	56	62	69	57	59	57	44	37	19	0	169·9	44	10·5	26	0	6	13	10	2	0
FRIENDSHIP	0	30	55	55	66	67	61	61	68	58	56	50	24	1	201·5	52	11·5	26	0	3	12	9	7	0
GEORGETOWN BOT G	0	0	32	57	55	62	68	66	65	63	58	53	19	0	185·5	48	10·1	5	1	5	7	11	7	0
KAIETEUR FALLS	0	1	16	35	50	60	70	73	74	62	53	38	25	1	172·3	45	9·3	28	0	4	12	14	1	0
KAMARANG	0	5	27	49	47	52	44	53	57	61	54	45	26	1	142·5	42	10·2	8	0	8	9	9	1	0
MON REPOS	0	23	46	51	50	52	59	64	65	65	57	51	24	0	188·9	49	11·5	26	0	6	8	9	8	0
SKELDON FRONT	0	44	55	62	71	62	54	59	65	65	61	55	26	0	209·6	54	11·4	8	0	4	8	11	8	0
WAUNA	0	13	41	65	62	62	55	44	50	40	36	27	13	0	152·7	41	11·4	26	0	10	8	7	5	0







Monthly Weather Summary

August 1973

MONTHLY WEATHER SUMMARY

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

August 1973

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TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 73

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eights)							VISIBILITY (No. of Observations)								
										Number of Observations						(yards)				(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	0	1,2	3-5	5,7	8	9	0-440	440-1,100	1,100-2,200	1½-2	2-3	3-5	5-10	10 or more
	ft	LST	°F	°F	mb	%	mb	kt																
TRINIDAD																								
CENTENO	50	08	78·1	76·2	30·0	91																		
PENAL AG STATION	25	08	77·2	75·3	29·0	91		1·2																
PIARCO AIRPORT	41	02	74·8	73·7	27·8	95	1013·0	0·5	4·6	1	6	10	14	0	0	0	0	0	0	0	0	5	26
		08	78·2	75·8	29·5	90	1013·8	3·0	5·6	0	1	12	16	2	0	0	0	1	0	1	1	5	23
		14	82·8	77·1	29·0	76	1012·9	8·9	6·5	0	1	5	22	3	0	0	2	0	0	0	5	3	21
PIARCO AIRPORT	41	20	77·9	75·7	29·3	90	1012·8	3·5	5·2	1	2	12	16	0	0	0	0	0	0	0	0	4	27
ST AUGUSTINE UWI	52	09	81·5	76·8	29·5	80		8·3																
TOBAGO																								
CROWN POINT AIRP	9	02	77·9	75·5	29·0	89	1012·5	2·9	4·3	0	10	6	15	0	0	0	0	0	0	0	0	1	30
		08	81·6	77·5	30·4	83	1013·7	7·7	5·5	0	3	10	16	2	0	0	0	0	0	0	0	8	23
		14	83·9	78·7	31·0	78	1012·6	9·2	6·0	0	1	9	15	6	0	0	0	1	0	0	1	5	24
		20	78·9	76·0	29·3	87	1012·8	5·0	4·7	0	7	11	11	2	0	0	0	0	0	0	0	2	29
LOUIS D/OR	40	08	82·1	76·9	29·3	78		3·4																
GRENADA																								
PEARLS AIRPORT	22	08	82·1	77·2	29·7	79	1011·5	8·7	4·7	0	4	13	10	0	0	0	0	0	0	0	0	5	22
		14	85·3	78·7	30·5	73	1012·8	8·8	4·3	0	6	16	8	0	0	0	0	0	0	0	0	1	29
BARBADOS																								
HUSBANDS CMI	370	08	83·6	75·7	27·9	71	1014·4	9·6	4·7	0	6	11	12	2	0	0	0	0	0	0	0	7	24
SEAWELL AIRPORT	183	02	80·0	75·4	28·0	80	1013·4	11·3	4·3	0	7	15	8	1	0	0	0	0	0	0	0	5	26
		08	82·0	76·4	28·5	76	1014·7	11·7	4·5	0	4	17	9	1	0	0	0	0	0	0	0	4	27
		14	84·6	77·1	28·5	70	1013·6	11·8	5·1	0	3	17	10	1	0	0	0	0	0	0	0	3	28
		20	81·1	76·1	28·6	79	1014·1	10·8	5·1	0	2	15	13	1	0	0	0	0	0	0	0	4	27
ST LUCIA																								
HEWANORRA APT		08	82·9	77·0	29·3	76	1013·3	12·0	4·7	0	1	19	6	0	0	0	0	0	0	0	0	0	26
		14	85·5	78·4	29·9	72	1012·4	11·8	4·8	0	0	19	8	0	0	0	0	0	0	0	0	0	27
ROSEAU WINBAN		09	83·6	76·8																				
VIGIE AIRPORT	7	08	82·1	76·5	28·7	77	1014·9	9·8	4·4	0	8	11	10	2	0	0	0	0	0	0	0	0	31
		14	86·0	77·7	28·8	68	1013·9	13·1	5·0	0	1	13	7	1	0	0	0	0	0	0	0	0	22
DOMINICA																								
MELVILLE HALL AP	43	09	82·9	76·9	29·0	76	1015·1	11·7	4·9	0	3	15	11	1	0	0	0	0	0	0	5	8	17
		14	84·2	77·7	29·5	74	1013·9	13·0	5·2	0	0	19	9	2	0	0	3	0	0	1	2	6	18

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 73
(CONTINUED)

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	81·5	77·2	30·0	82																	
ANTIGUA																							
COOLIDGE AIRPORT	26	08	82·3	77·5	30·0	80	1015·9	14·5	4·7	0	5	13	12	1	0	0	0	0	0	0	0	0	31
		14	86·0	78·9	30·4	72	1015·1	15·3	4·9	0	5	13	10	3	0	0	0	0	0	0	0	1	30
		20	81·2	77·0	29·7	82	1015·4	13·5	3·5	0	13	13	1	3	0	0	0	1	0	0	1	0	29
DUNBARS	220	09	84·6	76·8	27·9	69																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	81·6	76·0	28·2	77	1014·9	15·7	4·9	0	1	19	10	1	0	0	0	0	0	0	0	0	31
		14	84·6	77·1	28·4	70	1014·1	15·6	4·9	0	2	17	9	3	0	0	0	0	0	0	0	2	29
JAMAICA																							
ALLSIDES		07	73·6	69·5	22·9	81																	
BERNARD LODGE	55	08	81·8	75·0	26·6	72																	
BODLES	60	07	76·7	74·1	27·7	88																	
		13	87·4	78·5	29·3	66																	
CEDAR VALLEY	1980	07	73·4	70·2	23·9	85																	
CEDAR VALLEY	1980	13	80·1	73·6	25·3	72																	
CINCHONA GARDENS	4897	07	64·9	60·9	16·5	84																	
		16	67·6	64·6	19·5	85																	
DALLAS	950	09	79·9	73·7	25·6	74																	
DUCKENFIELD	60	08	82·7	77·8	30·2	79																	
EAST ALBION NURS	90	07	80·1	73·4	25·1	72																	
		13	86·1	76·3	26·6	62																	
EMPIRE NURSERY	2130	07	72·4	69·0	22·8	84																	
		13	78·2	71·1	22·8	69																	
FARM HILL	4020	07	63·8	62·0	18·1	90																	
FARM HILL	4020	13	73·5	64·2	16·5	59																	
HALLS DELIGHT	3020	07	73·4	67·4	20·2	72																	
IRWIN	80	08	80·5	76·7	29·7	84																	
		15	85·0	79·4	31·9	78																	
KINGSTON ST GEO	90	07	79·2	74·0	26·3	77																	
KINGSTON ST GEO	90	13	87·7	79·3	30·5	68																	
N·MANLEY AIRPORT	9	01	81·1	74·3	26·5	73	1013·3	7·3	2·7	3	15	7	6	0	0	0	0	0	0	0	0	0	31
		07	81·3	74·1	26·2	72	1013·5	5·6	4·4	0	7	12	11	1	0	0	0	0	0	0	0	0	31
		13	87·8	77·3	28·1	63	1013·3	17·7	5·3	0	3	11	16	1	0	0	0	0	0	0	0	0	31
		19	83·3	75·5	27·3	70	1012·6	11·6	5·0	0	6	9	15	1	0	0	0	0	0	0	1	0	30

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 72
CONTINUED

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) ½-2	2-3	3-5	5-10	10 or more
JAMAICA																							
MARSHALLS PEN	2300	07	71·6	70·1	24·5	93	1013·1	4·3	5·1	0	9	4	11	0	7								
		13	78·8	73·2	25·4	76	1013·1	7·3	6·6	0	0	5	15	0	11								
MASON RIVER FIEL	2300	07	71·0	69·5	23·8	92																	
		13	79·0	73·6	25·8	76																	
		19	70·2	68·7	23·2	92																	
		07	82·0	78·6	31·9	86																	
MONYMUSK	30	01	82·7	78·8	32·0	84	1016·4	11·5	4·3	1	4	16	9	1	0	0	0	0	0	0	0	0	31
MORANT POINT LH	6	07	82·6	78·7	31·8	84	1016·3	11·1	4·9	0	5	13	11	2	0	0	0	0	0	0	0	0	31
		13	85·8	80·3	33·1	78	1016·9	11·9	4·7	1	3	15	11	1	0	0	0	0	0	0	0	0	31
		19	83·5	79·3	32·4	83	1015·5	10·6	4·5	1	6	11	11	2	0	0	0	0	0	0	0	0	31
		08	77·4	75·2	28·8	90																	
ORANGE RIVER	950	16	81·9	78·7	32·2	87																	
		01	77·0	72·3	25·4	80	1013·9	2·0	3·2	3	12	8	7	1	0	0	0	0	0	0	0	0	31
D SANGSTER APT	3	07	78·1	72·6	25·4	77	1013·9	2·1	5·0	0	4	9	16	2	0	0	0	0	0	0	0	0	31
		13	86·1	77·2	28·5	67	1013·6	11·7	5·3	0	4	9	15	3	0	1	0	0	0	0	0	0	30
		19	80·6	75·2	29·3	82	1013·2	4·2	6·1	0	2	5	18	6	0	0	0	0	0	0	0	3	28
D SANGSTER APT	3	08	79·2	74·2	27·0	79																	
SMITHFIELD	925	07	69·4	65·0	19·1	78																	
TOP MOUNTAIN	3550	16	73·8	68·1	20·8	78																	
		07	70·2	69·3	24·0	95																	
WORTHY PARK	1250	15	80·8	74·2	25·9	72																	
CAYMAN ISLANDS																							
WEST BAY		09	84·0	78·4	30·1	76		7·9	4·7	0	8	10	8	5	0								
BELIZE																							
BELIZE AIRPORT	17	06	76·7	75·1	29·1	93	1012·0	2·7	6·7	0	1	3	23	4	0	0	0	0	1	0	0	7	23
		12	84·3	77·9	29·8	74	1012·9	8·6	6·4	0	0	5	25	1	0	0	0	0	0	0	0	2	29
		18	82·0	77·3	30·0	80	1010·8	6·6	6·1	0	2	6	22	1	0	0	0	0	0	0	0	1	30
GUYANA																							
CAMP JAGUAR		08	75·4	73·9	27·9	93																	
		14	86·0	77·3	28·1	66																	
EBINI	60	08	77·7	75·6	29·3	90	1013·4	2·7	5·8	0	4	3	20	1	0	0	1	0	0	0	1	23	4
		14	85·8	77·0	27·7	66	1010·1	5·6	5·9	0	0	9	16	0	0	0	0	0	0	0	1	7	17
FRIENDSHIP		08	78·7	75·9	29·4	88																	
		14	86·2	77·9	29·0	68																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 73
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations 0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	¼-2	2-3	3-5	5-10	10 or more
	ft	LST	°F	°F	mb	%	mb	kt															
GUYANA																							
GEORGETOWN BOT G	7	08	79·4	76·3	29·5	86	1013·9	3·5	5·4	1	0	15	13	2	0	0	0	0	0	0	0	18	13
		14	83·8	77·4	29·4	74	1012·5	7·2	5·1	0	5	13	13	2	0	0	0	0	0	0	0	8	23
GREAT FALLS		08	78·2	77·0	29·5	90																	
		14	85·8	78·8	30·5	72																	
HOSORORO		08	77·0	75·1	28·9	91																	
		14	81·3	76·6	29·2	80																	
ITABRU FALLS		08	76·3	75·1	29·3	95																	
		14	87·7	80·2	31·8	71																	
KAIETEUR FALLS		08	71·9	70·9	25·4	95																	
KAIETEUR FALLS		14	81·2	74·4	25·7	71																	
KAMARANG		08	71·0	69·9	24·4	94	1010·7	0·8	6·4	0	0	5	22	3	0	0	3	0	0	0	0	6	27
		14	81·9	73·9	25·0	67	1012·9	3·7	6·2	0	0	3	27	0	0	0	0	0	0	0	0	0	30
LETHEM	270	08	77·7	74·4	27·4	85	1015·6	0·0	6·0	0	1	10	14	6	0	0	0	0	0	0	0	3	28
		14	85·6	76·3	26·9	64	1011·6	10·1	6·0	0	0	7	23	1	0	0	0	0	0	0	0	2	29
MABARUMA	185	08	76·7	75·4	29·4	94	1013·3	6·0	4·4	0	11	6	13	1	0	0	0	1	0	0	0	4	26
		14	82·7	76·8	28·9	76	1011·8	10·3	6·0	0	1	9	20	1	0	0	0	0	0	0	0	18	13
MAHAICONY ABARY	6	08	78·6																				
		14	84·4																				
MON REPOS		08	78·9	74·0	26·4	78																	
MON REPOS		14	84·0	76·5	27·7	70																	
NEW AMSTERDAM	3	08	79·7	76·5	29·8	86																	
		14	85·2	78·1	29·7	72																	
PORT KAITUMA		08	76·3	75·2	29·2	94																	
		14	84·2	77·4	28·3	72																	
SKELDON FRONT		08	80·0	76·9	30·3	84																	
TIBOKU SITE		08	75·5	74·2	28·2	94																	
		14	84·9	77·7	25·9	63																	
TIMEHRI AIRPORT	95	02	73·8	73·6	28·1	99	1012·0	1·0	3·7	1	11	11	7	1	0	0	1	1	1	1	0	12	15
		08	76·8	75·4	29·0	92	1013·5	2·6	5·3	0	5	9	14	3	0	0	0	0	0	0	1	18	12
TIMEHRI AIRPORT	95	14	83·8	77·1	28·7	73	1011·2	6·9	6·6	0	0	4	25	2	0	0	0	0	0	0	1	11	19
		20	76·2	75·3	29·5	96	1012·0	1·6	5·6	0	2	9	19	1	0	0	0	0	0	0	0	9	22
TIMEHRI CHS		08	76·4	75·5	29·7	96																	
		14	83·0	77·4	29·6	77																	
WAUNA		08	76·7	75·6	29·8	95		0·8	4·5	0	5	16	7	3	0	0	0	0	0	0	4	17	10
		14	82·0	77·4	30·2	81		2·5	5·9	0	0	11	17	3	0	0	0	0	2	0	0	8	21

TABLE II - SUMMARY OF DAILY OBSERVATIONS AUGUST 73

COUNTRY STATION	RAINFALL (INCHES)						AIR TEMPERATURE F					MEAN GRASS MIN 0_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
TRINIDAD																	
CENTENO	15·98	2·30	28	25	13	6	85·6	71·9	78·9	90	69		160·4				
PENAL AG STATION	8·87	2·28	24	16	9	3	87·1			91			131·2				
PIARCO AIRPORT	14·12	1·72	28	25	12	6	86·4	72·2	79·3	90	70	70·4	167·1	13	1	0	0
ST AUGUSTINE UWI	10·86	1·58	24	21	11	3	86·5	71·1	78·8	90	69		180·8				
TOBAGO																	
CROWN POINT APT	9·05	3·94	23	15	4	3	88·7	78·1	83·4	90	73	72·1	212·9	7	0	0	0
LOUIS D/OR	11·84	2·41	20	2	1	3	85·7	75·6	80·6	87	72		193·8				
GRENADA																	
PEARLS AIRPORT	5·22	1·04	12	18	4	1	86·9	77·4	82·2	88	72						
BARBADOS																	
HUSBANDS CMI	7·72	2·20	12	16	6	2	86·0	73·8	79·9	88	65		268·0	3	0	0	0
SEAWELL AIRPORT	7·84	2·31	12	13	4	3	86·5	76·9	81·7	89	71		264·4	5	0	0	0
ST LUCIA																	
HEWANORRA APT	3·59	·65	13	14	3	0	88·0	77·7	82·8	98	72			2	0	0	0
ROSEAU WINBAN	9·18	2·10	5	19	7	2	87·5	73·7	81·7	89	71		258·6				
VIGIE AIRPORT	6·37	1·66	15	18	4	1											
DOMINICA																	
MELVILLE HALL AP	12·90	3·46	15	24	10	3	83·9	72·8	78·4	89	72		233·8				
MONTSERRAT																	
GROVE	7·74	2·70	14	18	6	1	86·7	74·6	80·7	89	70		247·8				
ANTIGUA																	
COOLIDGE AIRPORT	4·01	1·68	14	14	3	1	87·8	78·7	83·2	90	75						
DUNBARS	4·22	1·81	14	14	2	1	88·8	73·0	80·9	92	69						

TABLE II - SUMMARY OF DAILY OBSERVATIONS AUGUST 73
(CONTINUED)

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
ST KITTS NEVIS																	
CAINES	6·06	2·18	14	16	4	1											
NEEDSMUST	5·96	4·33	14	12	2	1	88·4	73·4	80·9	90	70						
BR VIRGIN IS																	
PARAQUITO BAY	4·23	1·54	15	13	3	1	87·4	76·4	81·9	89	68		281·1				
JAMAICA																	
ALLSIDES	8·61	3·40	17	11	6	3	82·8	66·4	74·6	93	65						
BERNARD LODGE	2·97	1·07	16	9	2	2	91·7	72·3	82·0	96	69		189·5				
BODLES	7·51	3·00	16	14	3	2	89·3	71·6	80·4	95	68		188·9				
CAENWOOD	9·20	2·33	16	19	8	2	86·1	76·5	81·3	90	72						
CEDAR VALLEY	14·26	4·12	16	14	12	5	83·0	66·3	74·6	89	63						
CINCHONA GARDENS	8·11	3·20	16	16	3	2	73·2	58·1	65·7	78	56						
DALLAS	4·72	2·55	28	11	4	1	86·9	65·9	76·4	92	57						
DUCKENFIELD	6·20	1·65	16	17	4	1	88·7	75·0	81·8	92	71		169·7				
EAST ALBION NURS	7·39	2·15	16	15	6	1	89·0	76·0	82·5	91	70		122·5				
EMPIRE NURSERY	5·89	2·83	16	10	4	2	84·8	62·8	73·8	91	60						
FARM HILL	16·15	3·04	13	12	8	7	75·6	53·2	64·4	82	52						
FROME	11·23	3·55	16	17	9	4	90·8	71·1	80·9	94	69		121·2				
HALLS DELIGHT	5·75	3·00	14	9	2	2	79·5	64·7	72·1	86	62						
IRWIN	13·98	3·45	20	19	11	5	91·5	70·5	81·0	95	68						
KINGSTON ST·GEO	2·69	·85	16	11	2	0	91·6	75·5	83·5	97	72						
N·MANLEY AIRPORT	2·60	1·14	16	10	2	1	89·3	77·9	83·6	92	74		205·6				
MARSHALLS PEN	16·94	3·72	16	15	8	6	81·3	66·6	73·9	88	63	65·8		15	0	0	0
MASON RIVER FIEL	8·42	2·60	16	13	7	2	81·6	64·1	72·8	86	61						
MONYMUSK	6·20	1·40	17	14	7	2	90·2	69·4	79·8	95	68						
MORANT POINT LH	3·93	·99	19	11	3	0	86·7	80·7	83·7	89	73			15	0	0	0
ORANGE RIVER	6·35	1·06	7	17	6	1	85·9	69·1	77·5	89	66		189·2				
D·SANGSTER APT	5·53	1·06	21	15	6	1	89·5	73·9	81·7	92	72		210·0	13	0	0	0
SMITHFIELD	13·13	1·93	8	22	12	5	85·2	67·3	76·3	88	62		180·8				
TOP MOUNTAIN	3·41	1·10	30	8	3	2	78·0	61·8	69·9	81	56						
WORTHY PARK	9·18	2·90	21	14	5	3	86·2	65·5	75·8	90	63		149·2				
CAYMAN ISLANDS																	
WEST BAY	13·35	5·13	17	20	8	3	87·7	75·6	81·7	90	72		218·1				

TABLE II - SUMMARY OF DAILY OBSERVATIONS AUGUST 73
(CONTINUED)

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 MORE THAN .04	.40	1.00	MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES MAX	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
BELIZE																	
BELIZE AIRPORT	13.75	2.41	22	22	10	5	86.9	74.9	80.9	92	71		204.8	13	1	0	0
GUYANA																	
CAMP JAGUAR	9.49	1.41	5	18	11	3	88.6	72.2	80.4	91	69	68.3	240.1				
DAWA	13.59	2.90	14	21	10	4											
EBINI	7.45	1.33	17	18	7	3	89.1	72.4	80.8	92	70		192.1	12	0	0	0
FRIENDSHIP	9.87	2.71	17	16	7	4	90.1	72.3	81.2	96	70		234.9				
GEORGETOWN BOT G	8.25	1.34	26	19	8	2	86.0	74.8	80.4	88	71	71.3	193.2	7	0	0	0
GREAT FALLS	7.42	1.16	19	21	8	1	87.7	72.2	80.0	90	69	69.5		14	13	0	0
HOSORORO	16.13	3.22	14	27	9	5	85.7	72.0	78.9	90	69						
ITABRU FALLS	7.25	1.25	16	9	7	1	90.4	72.8	81.6	93	71	71.6		12	0	0	0
KAIETEUR FALLS	13.90	1.99	29	25	11	4	83.5	69.1	76.3	88	66	69.4	176.2	10	9	0	0
KAMARANG	10.77	1.55	17	21	7	3	85.4	68.2	76.8	87	66	67.4	185.0	18	9	0	0
LETHEM	7.90	1.36	3	18	8	2	88.9	73.0	81.0	92	70			12	0	0	0
MABARUMA	12.64	4.09	20	23	7	3	89.1	72.8	79.9	90	71			20	0	0	0
MAHAICONY ABARY	8.19	2.50	27	22	5	2	85.8	75.0	80.4	91	72			0	0	0	0
MON REPOS	12.71	2.52	3	22	10	3	85.8	72.3	79.0	90	69		188.7				
NEW AMSTERDAM	9.73	3.32	27	20	4	3	86.5	74.0	80.3	89	72			0	0	0	0
PLANTAIN ISLAND	10.58	1.83	15	24	8	2								30	24	0	0
PORT KAITUMA	5.21	1.60	17	17	5	1	88.4	71.3	79.9	92	68			3	0	0	0
SKELDON FRONT	13.05	4.20	31	18	9	4	87.8	73.2	80.5	90	69	70.7	231.0				
TIBOKU SITE	6.12	.77	14	22	7	0	87.7	72.3	80.0	91	71	69.9	183.6	26	8	0	0
TIMEHRI AIRPORT	8.80	1.90	7	19	8	2	87.2	72.2	79.7	94	70			18	5	0	0
TIMEHRI CHS	8.98	1.55	7	19	9	2	87.7	71.4	79.5	91	69						
WAUNA	11.76	1.59	15	23	9	4	87.7	70.5	79.1	92	68		168.2	12	7	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS AUGUST 73

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES ^{0}F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	38	78	4•74	•33	17												
PENAL AG STATION	42	72	5•52	•37	17												
PIARCO AIRPORT	59	96	5•74	•57	1												
ST AUGUSTINE UWI	87	140	3•50	•21	17										11555	614	53
TOBAGO																	
CROWN POINT APT	83	141															
LOUIS D/OR	25	62	5•94	•29	4												
BARBADOS																	
HUSBANDS CMI	106	165	8•00	•45	20	92•6	71•9	103	1	68							
BR VIRGIN IS																	
PARAQUITO BAY	135	196															
JAMAICA																	
BERNARD LODGE			6•60	•35	5												
BODLES	50	89	6•88M	•40	7										15758	692	301
DUCKENFIELD			5•03	•39	25												
EAST ALBION NURS	62	127															
EMPIRE NURSERY	15	35	4•84M	•35	17												
FROME			4•37	•27	3												
HALLS DELIGHT	44	150															
N•MANLEY AIRPORT	139	237															
ORANGE RIVER	33	49													14564	662	258
D•SANGSTER APT	76	196															
SMITHFIELD	42	64				86•7	73•9	92	5	72	83•9	75•5	87	74	11793	535	259

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS AUGUST 73
CONTINUED

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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																	
WORTHY PARK	39	98	4•43	•20	5												
CAYMAN ISLANDS																	
WEST BAY	92	167	6•46	•39	16	96•4	83•2	100	5	78					13711	632	96
GUYANA																	
CAMP JAGUAR			5•97	•27	5												
DAWA			5•66	•46	4												
EBINI	32	61				87•2	80•0	91	14	78	86•7	82•0	88	80			
FRIENDSHIP	35	54	5•38	•27	8												
GEORGETOWN BOT G	47	92	5•11	•38	12										11626	528	128
GREAT FALLS			4•23	•25	5												
ITABRU FALLS			5•26	•25	2												
KAIETEUR FALLS	32	45	5•61	•37	18												
KAMARANG	62	85	5•70	•35	13												
PLANTAIN ISLAND			4•59	•29	15												
TIBOKU SITE	32	44	5•30	•48	30												
TIMEHRI CHS	36	69															
WAUNA	9	20	4•90	•24	15	92•5	75•9	98	25	74	89•5	78•0	95	77			

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS AUGUST 73

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	.40	.64	.84	1.22	1.57	2.27	2.27	2.27
PENAL AG STATION	.44	.60	.68	.80	1.44	1.44	1.76	2.00
PIARCO AIRPORT	.35	.60	.66	.91	1.38	1.38	1.65	1.67
ST AUGUSTINE UWI		.30	.38	.70	.91	1.11	1.25	1.31
TOBAGO								
CROWN POINT APT	.19	.38	.56	.74	1.26	2.24	3.93	3.94
LOUIS D/OR	.40	.55	.64	.78	.87	1.22	1.43	1.43
BARBADOS								
HUSBANDS CMI					.80	1.00	1.09	1.92
BR VIRGIN IS								
PARAQUITO BAY	.28	.36	.44	.62	.82	.92	1.11	1.49
JAMAICA								
N MANLEY AIRPORT	.13	.22	.22	.23	.35	.65	1.04	1.08
D SANGSTER APT	.50	.64	.70	.75	.86	.98	.98	1.06
SMITHFIELD	.34	.68	.83	.87	1.67	1.67	1.67	1.67
CAYMAN ISLANDS								
WEST BAY	.44	.67	.92	1.42	1.94	2.73	4.83	4.98
GUYANA								
APAIKWA	.45	.58	.98	1.39	1.69	1.76	1.78	1.78
APOTERI	.51	.72	.81	1.44	1.53	1.61	1.61	1.61
BARTICA DEM. STA	.73	.86	1.18	1.22	1.22	1.28	1.34	1.34
CAMP JAGUAR	.32	.57	.94	1.14	1.34	1.34	1.39	1.41
COOPERS LANDING	.41	.57	.79	1.12	1.46	2.46	3.37	3.44
DAWA	.84	1.20	1.46	1.67	2.53	2.60	2.61	2.61
EBINI	.26	.34	.44	.66	.68	.78	1.31	1.33
GEORGETOWN BOT G	.30	.51	.72	.95	1.15	1.17	1.25	1.29
GREAT FALLS	.42	.63	.77	1.02	1.12	1.13	1.13	1.16
ITABRU FALLS	.51	.51	.51	.61	.78	.80	.96	1.04
KAIETEUR FALLS	.64	.88	.90	1.17	1.17	1.64	1.99	1.99
KAMARANG	.56	.81	1.07	1.28	1.38	1.38	1.86	2.39
KERAHA LDG	.61	.86	.98	1.19	1.19	1.31	1.31	1.31
LETHEM	.32	.55	.76	1.01	1.01	1.10	1.10	1.23
MACKENZIE	.32	.60	.64	.87	1.52	1.64	1.68	1.68
MAHAICONY ABARY	.16	.26	.35	.49	.95	1.22	1.33	1.33
NEW AMSTERDAM	.20	.28	.32	.40	.52	.88	1.69	2.95
PLANTAIN ISLAND	.41	.53	.78	1.01	1.40	1.67	1.67	1.67
SKELDON FRONT	.44	.68	1.00	1.40	2.47	3.17	3.58	3.58
TIMEHRI AIRPORT	.26	.28	.32	.42	.68	.91	1.48	1.90
TIMEHRI CHS	.18	.28	.37	1.08	1.08	1.13	1.55	1.55
WAUNA	.49	.81	.95	1.19	1.37	1.46	1.49	1.49

TABLE V - SUMMARY OF WINDSPEED RECORDS - AUGUST 73

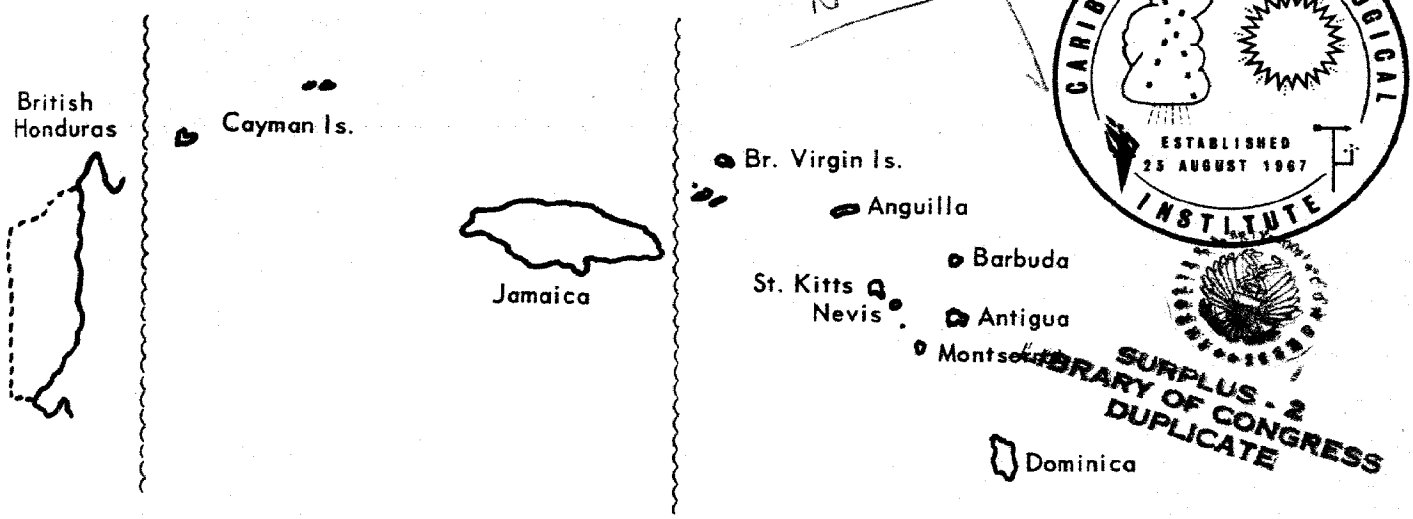
COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	
TRINIDAD												
PENAL AG STATION	23	12	12	15	10	22	1335	16	0	0	0	3•1
PIARCO AIRPORT	07	13	06	1	08	31	2030	24	0	0	0	5•1
TOBAGO												
CROWN POINT APT	12	15	13	1	13	30	1430	25	0	0	0	6•1
BARBADOS												
HUSBANDS CMI	10	18	05	14	09	27	1350	3	0	0	0	8•0
ANTIGUA												
COOLIDGE AIRPORT	12	20	06	15	12	39	1345	14	3	0	0	14•2
CAYMAN ISLANDS												
WEST BAY	09	15	09	12	06	34	2110	10	1	0	0	4•2
GUYANA												
EBINI	11	13	01	4	17	23	1135	31	0	0	0	3•2
GEORGETOWN BOT G	07	11	15	22	03	20	2440	8	0	0	0	4•3
KAIETEUR FALLS	06	5	18	2	07	8	1440	12	0	0	0	1•0
KAMARANG	08	4	19	6	08	5	1805	6	0	0	0	•8
TIMEHRI AIRPORT	04	12	13	11	06	22	1445	9	0	0	0	3•4

TABLE VI - SUMMARY OF SUNSHINE RECORDS AUGUST 73

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	8	51	59	55	51	42	39	50	48	45	40	20	0	160.4	41	11.2	22	1	9	9	5	7	0
PENAL AG STATION	0	2	32	46	54	46	39	44	45	38	30	36	11	0	131.2	34	9.5	8	2	14	5	6	4	0
PIARCO AIRPORT	0	29	63	64	58	50	39	41	50	49	47	43	23	0	167.1	45	11.0	8	2	7	9	5	7	0
ST AUGUSTINE UWI	0	30	70	72	63	51	42	39	48	56	50	40	23	0	180.8	47	11.2	22	1	8	7	7	8	0
TOBAGO																								
CROWN POINT APT	0	29	69	70	66	70	64	57	56	62	58	55	30	0	212.9	55	11.5	8	0	8	6	5	12	0
LOUIS D/OR	0	8	57	65	64	72	64	66	63	63	54	39	9	0	193.8	50	10.3	8	0	6	8	9	8	0
BARBADOS																								
HUSBANDS CMI	0	47	75	81	82	85	78	79	81	78	69	67	40	0	268.0	69	11.7	1	0	3	3	8	17	0
SEAWELL AIRPORT	0	32	67	82	86	85	81	84	84	84	78	64	27	0	264.4	68	11.3	27	1	1	3	9	17	0
DOMINICA																								
MELVILLE HALL AP	0	39	66	64	64	74	75	77	75	74	68	53	22	3	233.8	60	12.0	16	2	1	6	11	11	0
MONTSERRAT																								
GROVE	0	6	46	74	82	82	84	77	70	73	77	74	56	1	247.8	62	11.1	19	0	4	2	9	16	0
BR VIRGIN IS																								
PARAQUITO BAY	0	42	77	83	91	92	88	99	91	85	73	69	28	0	281.1	71	10.8	12	0	0	2	9	20	0
JAMAICA																								
BODLES	0	22	72	64	69	70	65	68	65	50	34	25	6	0	188.9	48	10.7	2	1	3	10	12	5	0
EAST ALBION NURS	0	8	33	52	46	54	62	64	57	62	63	67	14	0	122.5	46	10.5	17	0	5	5	8	3	0
FROME	0	31	76	78	86	77	69	53	27	11	6	13	2	0	121.2	41	8.5	10	1	2	13	7	0	0
N.MANLEY AIRPORT	0	41	70	74	78	71	71	69	68	61	44	36	5	0	205.6	54	11.1	2	0	2	9	12	7	0
ORANGE RIVER	0	12	64	68	74	73	67	53	53	49	52	36	10	0	189.2	48	10.2	4	0	4	12	7	8	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS AUGUST 73
CONTINUED

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																								
D.SANGSTER APT	2	21	71	83	82	81	76	69	56	47	54	44	17	0	210.0	57	11.2	5	0	3	5	12	9	0
SMITHFIELD	0	47	68	75	78	72	71	48	30	24	25	30	15	1	180.8	46	7.9	14	1	3	11	15	1	0
CAYMAN ISLANDS																								
WEST BAY G C	1	33	59	62	66	74	70	66	61	61	57	52	40	2	218.1	55	11.5	14	4	1	5	11	10	0
BELIZE																								
BELIZE AIRPORT	0	32	54	57	57	60	61	65	62	67	67	52	25	0	204.8	52	12.2	2	1	5	8	7	9	1
GUYANA																								
CAMP JAGUAR	0	8	40	68	76	81	84	82	84	76	78	69	33	0	240.1	63	10.9	11	0	1	4	17	9	0
EBINI	0	5	37	63	69	66	73	76	67	55	47	43	18	0	192.1	50	10.4	13	0	3	11	15	2	0
FRIENDSHIP	0	27	64	71	83	83	87	74	67	60	61	58	22	2	234.9	63	11.6	30	0	2	6	12	11	0
GEORGETOWN BOT G	0	9	44	54	52	54	57	69	74	76	61	51	21	0	193.2	51	10.8	13	1	5	5	15	5	0
KAIETEUR FALLS	0	2	18	49	71	65	62	54	61	64	56	45	21	4	176.2	46	9.7	11	1	3	12	12	3	0
KAMARANG	0	11	33	54	63	72	71	65	64	73	54	43	13	0	185.0	50	10.8	12	0	4	8	15	3	0
MON REPOS	0	15	45	50	53	54	52	58	70	75	61	53	24	0	188.7	49	10.4	13	0	6	7	11	7	0
SKELDON FRONT	0	37	63	73	84	88	83	72	62	60	63	57	21	0	231.0	62	11.0	25	0	3	4	11	12	0
TIBOKU SITE	0	11	45	63	65	59	64	77	68	57	46	31	8	0	183.6	48	9.7	13	0	3	11	15	2	0
WAUNA	0	26	58	70	71	71	62	43	41	39	33	19	10	0	168.2	44	9.2	12	0	5	12	13	1	0



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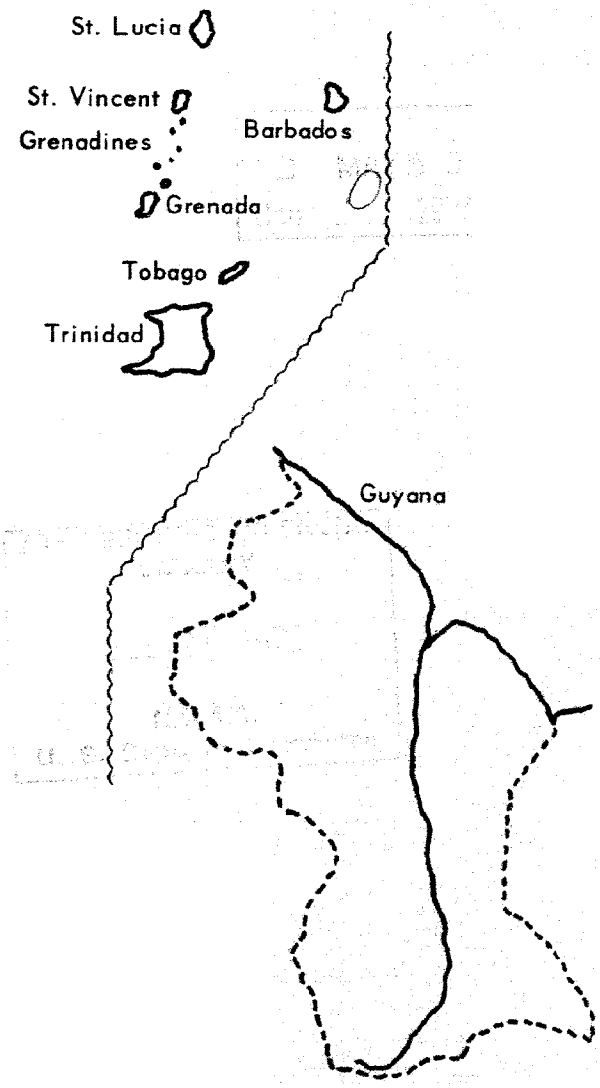

Monthly Weather Summary

September 1973

MONTHLY WEATHER SUMMARY

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

September 1973

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TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 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 (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	78•4	76•3	29•9	90																	
PIARCO AIRPORT	41	02	75•0	73•7	27•7	94	1012•7	1•4	4•4	1	10	6	10	3	0	0	0	0	0	0	3	3	24
		08	78•2	75•5	29•0	88	1014•0	2•1	5•3	0	6	5	17	2	0	0	0	0	0	0	3	3	24
		14	84•8	77•4	28•8	71	1012•5	8•4	5•8	0	1	11	14	4	0	0	1	0	0	0	1	4	24
		20	78•1	75•7	29•2	91	1012•7	2•7	4•4	1	6	8	12	1	0	0	0	0	0	0	0	3	27
ST AUGUSTINE UWI	52	09	81•9	77•2	29•9	80		0•8															
TOBAGO																							
CROWN POINT AIRP	9	02	78•0	75•2	28•5	87	1012•2	3•8	4•3	1	6	12	8	2	0	0	0	0	0	0	0	0	29
		08	82•0	77•3	29•8	80	1013•8	5•7	5•4	0	5	7	16	2	0	0	1	0	0	0	0	4	25
		14	84•5	78•3	30•4	75	1012•0	8•7	5•3	0	2	15	10	3	0	0	0	0	0	1	0	3	26
		20	79•2	75•9	29•0	85	1012•5	4•7	4•7	1	6	10	11	2	0	0	0	0	0	0	1	0	29
LOUIS D/OR	40	08	81•9	76•8	29•0	78																	
BARBADOS																							
HUSBANDS CMI	370	08	81•0	75•5	27•7	77	1014•7	8•3	5•3	0	5	6	17	2	0	0	0	0	0	0	0	6	24
SEAWELL AIRPORT	183	02	79•5	76•0	29•1	85	1013•0	9•3	4•9	0	3	12	15	0	0	0	0	0	0	0	0	2	28
		08	82•4	76•6	28•8	76	1014•4	11•1	5•3	0	2	12	16	0	0	0	0	0	0	0	0	0	30
		14	84•8	77•6	29•1	71	1012•9	11•1	5•4	0	1	13	14	2	0	0	0	0	0	0	2	28
		20	80•9	76•6	29•3	81	1013•7	9•0	4•9	0	6	10	12	2	0	0	0	0	0	0	2	28
ST LUCIA																							
HEWANORRA APT		08	82•5	77•2	29•6	78	1015•4	11•0	4•5	0	4	17	9	0	0	0	0	0	0	0	0	0	30
		14	85•0	78•5	30•1	73	1014•0	10•6	4•8	0	2	21	6	1	0	0	0	0	0	0	0	0	30
ROSEAU WINBAN		09	83•8	77•3	28•0	74																	
VIGIE AIRPORT	7	08	82•0	76•4	28•4		1015•3	6•7	4•2	0	12	4	13	0	0	0	0	0	0	0	0	0	29
		14	85•8	77•4	28•3	67	1013•9	9•9	5•0	0	2	14	13	1	0	0	0	0	0	0	0	0	30
DOMINICA																							
MELVILLE HALL AP	43	09	82•6	78•0	29•4	77	1014•9	7•7	4•9	0	2	14	7	3	0	0	0	1	0	1	1	8	15
		14	84•9	78•0	29•6	72	1013•0	11•7	4•6	0	3	16	5	2	0	0	0	0	0	1	2	4	19
ANTIGUA																							
COOLIDGE AIRPORT	26	08	81•4	76•9	29•4	80	1015•2	11•8	5•1	0	1	16	13	0	0	0	0	0	0	0	1	0	29
		14	84•0	77•9	29•9	75	1014•2	13•3	5•2	0	5	9	12	4	0	0	0	0	0	0	0	1	29
		20	80•4	76•3	29•1	82	1014•6	10•8	3•6	0	12	9	8	1	0	0	0	0	0	0	0	0	30
DUNBARS	220	09	83•4	76•6	28•3	73																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 73
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations 0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1/4-2	2-3	3-5	5-10	10 or more
	ft	LST	°F	°F	mb	%	mb	kt															
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	80·8	76·2	28·7	80	1014·5	11·5	5·2	0	0	16	14	0	0	0	0	0	0	0	1	1	28
		14	83·6	77·7	29·7	76	1013·3	12·5	5·3	0	0	15	13	2	0	0	0	0	0	0	0	0	30
JAMAICA																							
ALLSIDES		07	76·0	71·2	23·9	78																	
BERNARD LODGE	55	08	79·3	75·4	28·3	83																	
BODLES	60	07	75·4	73·8	27·9	93																	
		13	86·1	78·3	29·7	70																	
CAENWOOD	50	08	80·0	76·4	29·5	84																	
CAENWOOD		16	84·1	79·6	32·1	80																	
CEDAR VALLEY	1980	07	71·5	69·8	24·0	96																	
		13	79·6	73·7	25·8	75																	
CINCHONA GARDENS	4897	07	65·5	61·7	17·1	80																	
		16	66·6	64·3	19·6	88																	
DALLAS	950	09	78·8	74·8	27·7	82																	
		15	81·3	76·4	29·4	81																	
DUCKENFIELD	60	08	82·1	78·2	31·2	83																	
EAST ALBION NURS	90	07	79·5	73·0	24·9	72																	
		13	85·9	76·9	27·5	65																	
EMPIRE NURSERY	2130	07	73·8	69·9	23·1	81																	
		13	76·3	72·2	25·0	81																	
FARM HILL	4020	07	63·4	61·6	17·9	90																	
		13	73·5	63·1	15·2	54																	
HALLS DELIGHT	3020	07	78·1	67·8	21·0	64																	
IRWIN	80	08	80·6	77·9	31·4	89																	
		15	83·0	78·5	31·2	81																	
KINGSTON ST GEO	90	07	77·7	74·0	27·1	84																	
		13	85·6	78·9	30·8	74																	
N·MANLEY AIRPORT	9	01	80·9	77·0	30·2	84	1013·2	2·9	3·3	1	14	6	8	1	0	0	0	0	0	0	0	0	30
N·MANLEY AIRPORT	9	07	81·4	76·2	28·9	72	1013·0	3·8	4·5	0	6	12	12	0	0	0	0	0	0	0	0	0	30
		13	86·2	79·1	31·3	73	1012·9	13·4	5·7	0	3	7	17	3	0	0	0	1	0	0	0	1	28
		19	82·7	77·6	30·5	80	1012·3	7·3	5·3	0	5	7	15	3	0	0	0	0	0	0	0	1	29
MARSHALLS PEN	2300	07	70·4	69·1	23·9	94	1012·9	2·2	4·3	2	10	4	7	0	7								
		13	78·1	73·0	25·5	78		3·2	5·8	0	5	5	12	1	7								

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 73

CONTINUED

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
JAMAICA																								
MASON RIVER FIEL	2300	07	70•4	69•2	23•8	76																		
		13	79•4	73•7	25•9	76																		
		19	69•3	68•0	22•7	93																		
MONYMUSK	30	07	83•8	77•0	28•7	73																		
MORANT POINT LH	6	01	81•6	78•1	31•4	85	1016•2	8•7	4•5	0	6	11	11	2	0	0	0	0	0	0	0	0	30	
MORANT POINT LH	6	07	81•4	78•3	31•7	87	1015•5	9•0	4•5	0	5	12	13	0	0	0	0	0	0	0	0	0	30	
		13	85•8	80•4	33•1	78	1016•2	9•1	4•9	0	1	19	7	3	0	0	0	0	0	0	0	0	30	
		19	82•4	78•8	32•1	85	1015•0	6•7	4•8	0	5	14	8	3	0	0	0	0	0	0	0	0	30	
ORANGE RIVER	950	08	77•1	75•2	29•0	91																		
		16	80•0	77•6	31•3	90																		
D SANGSTER APT	3	01	77•2	70•9	25•6	80	1013•5	1•4	3•2	1	14	7	7	1	0	0	0	0	0	0	0	0	30	
		07	78•1	76•4	26•8	82	1013•5	0•9	5•6	0	3	8	16	3	0	0	0	0	0	0	0	0	30	
		13	85•8	77•5	29•3	69	1013•3	12•3	5•3	0	3	9	15	3	0	0	0	0	0	0	0	0	30	
		19	79•6	76•9	27•6	80	1012•9	4•3	5•7	0	6	4	14	6	0	0	0	0	0	0	0	1	29	
SMITHFIELD	925	08	79•5	74•5	27•3	81																		
TOP MOUNTAIN	3550	07	69•5	66•1	20•3	83																		
		13	73•3	69•2	22•5	80																		
WORTHY PARK	1250	07	70•1	69•4	24•1	96																		
		15	79•0	74•3	27•0	80																		
CAYMAN ISLANDS																								
WEST BAY		09	84•8	79•3	31•9	78		6•6	4•2	0	8	12	4	6										
BELIZE																								
BELIZE AIRPORT	17	06	76•5	75•5	29•6	95	1011•5	1•7	6•3	0	2	3	22	2	0	2	0	1	0	0	1	7	18	
		12	85•7	78•8	30•6	73	1012•1	6•4	6•0	0	1	7	22	0	0	0	0	0	0	0	0	1	29	
		18	82•7	78•1	30•9	81	1010•2	4•9	5•6	0	2	7	20	0	0	0	0	0	0	0	0	0	29	
GUYANA																								
BARTICA POTARO R	400	08	77•1	76•1	30•2	96																		
		14	88•2	77•4	27•3	59																		
CAMP JAGUAR		08	75•5	73•8	27•6	92																		
		14	86•1	76•7	27•5	65																		
FRIENDSHIP		08	75•5	73•5	28•7	95																		

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 73
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations						0-440	440-1,100	1,100-2,200	1-2	2-3	3-5	5-10	10 or more
										0	1,2	3-5	6-7	8	9								
	ft	LST	°F	°F	mb	%	mb	kt															
GUYANA																							
FRIENDSHIP		14	74·1	67·6	25·4	88																	
GEORGETOWN BOT 6	7	08	78·8	76·0	29·4	88	1014·3	3·2	6·1	0	1	6	20	3	0	0	0	0	0	0	0	19	11
		14	83·4	77·5	29·5	76	1012·5	5·9	5·3	0	0	14	14	2	0	0	0	0	0	0	0	12	18
GREAT FALLS		08	75·2	74·5	28·8	96																	
		14	82·4	76·7	30·4	74																	
ITABRU FALLS		08	76·8	75·5	29·5	94																	
		14	87·8	80·5	32·4	72																	
KAIETEUR FALLS		08	72·5	71·3	25·5	93																	
		14	81·4	74·7	26·3	72																	
KAMARANG		08	71·4	70·0	24·4	93	1017·0	0·0	6·7	0	0	2	22	5	0	0	1	0	0	0	1	9	18
		14	81·9	73·4	24·3	65	1013·2	1·4	5·8	0	0	9	20	0	0	0	0	0	0	0	0	0	29
KAMARANG		08	78·8	74·7	27·4	82	1015·1	11·3	6·7	0	0	1	22	7	0	0	0	0	0	0	2	0	28
LETHEM	270	14	85·9	76·5	27·1	64	1011·7	11·9	6·3	0	0	3	24	3	0	0	0	0	0	0	0	1	29
MABARUMA	185	08	76·8	75·1	29·0	92	1013·4	5·8	5·0	0	4	12	12	2	0	0	0	0	0	4	0	8	18
		14	84·1	77·5	29·3	73	1011·7	9·2	6·6	0	0	4	25	1	0	0	0	0	0	0	0	18	12
MAHAICONY ABARY	6	08	78·7	76·3	29·7	89																	
		14	83·4	77·7	29·9	77																	
MON REPOS		08	77·8	73·4	26·0	80																	
		14	82·8	76·4	28·2	74																	
NEW AMSTERDAM	3	08	79·2	76·2	29·5	87																	
NEW AMSTERDAM	3	14	85·5	77·9	29·5	71																	
PORT KAITUMA		08	76·0	74·8	28·8	94																	
		14	84·2	77·5	29·5	74																	
SKELDON FRONT		08	79·6	76·9	30·3	88																	
TIMEHRI AIRPORT	95	02	73·6	73·3	27·9	99	1011·9	1·4	4·3	4	3	14	7	1	0	0	3	0	0	2	2	17	6
TIMEHRI AIRPORT	95	08	76·4	75·0	29·0	94	1013·8	2·0	5·5	0	6	4	18	2	0	0	0	0	1	1	2	10	16
		14	82·3	76·7	29·1	77	1011·3	4·7	6·3	0	0	7	21	2	0	0	0	0	0	1	2	15	12
		20	75·9	75·1	29·5	97	1012·0	1·1	5·3	1	5	6	16	2	0	0	0	0	0	0	0	14	16
TIMEHRI CHS		08	76·1	75·1	29·3	78																	
		14	82·6	77·5	30·0	79																	
WAUNA		08	76·9	75·0	30·0	95		4·3	7·3	0	6	14	9	1	0	0	0	0	0	2	2	15	11
		14	82·3	77·3	29·8	79		6·1	3·6	0	0	6	19	2	0	0	0	0	0	0	0	13	14

TABLE II - SUMMARY OF DAILY OBSERVATIONS SEPTEMBER 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	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	10•67	1•49	22	20	10	4	86•7	72•0	79•4	90	69		177•2				
PIARCO AIRPORT	9•12	1•15	29	17	9	3	87•4	72•3	79•8	91	70	70•8	191•1	9	1	0	0
ST AUGUSTINE UWI	6•90	1•31	2	16	7	1	87•5	71•6	79•6	91	68		187•9	7	0	0	0
TOBAGO																	
CROWN POINT APT	8•42	2•00	23	16	9	2	86•2	75•4	80•8	89	72	72•2	226•9	4	0	0	0
LOUIS D/OR	11•42	3•50	23	13	7	4	85•9	74•3	80•1	87	71		191•1				
BARBADOS																	
HUSBANDS CMI	2•92	•62	19	14	1	0	86•2	74•2	80•2	89	71		230•9	3	0	0	0
SEAWELL AIRPORT	2•97	•48	7	15	1	0	86•9	77•8	82•4	89	75		251•4				
ST LUCIA																	
HEWANORRA APT	4•36	1•30	9	19	5	1	87•2	76•5	81•8	89	73			2	0	0	0
ROSEAU WINBAN	8•67	1•07	4	22	11	1	84•9	73•3	79•1	89	70		214•1				
VIGIE AIRPORT	6•48	1•00	28	22	5	1	88•3	74•2	81•2	90	72						
DOMINICA																	
MELVILLE HALL AP	14•76	3•51	16	20	10	4	86•9	73•8	80•4	90	71		213•6				
ANTIGUA																	
COOLIDGE AIRPORT	6•55	5•33	3	11	1	1	85•8	78•0	81•9	87	75						
DUNBARS	6•10	3•81	3	10	3	1	87•3	72•8	80•1	90	70						
ST KITTS NEVIS																	
CUNNINGHAM	7•09	•95	28	14	7	0											
NEEDSMUST	5•70	1•46	28	12	7	1	87•8	74•4	81•1	90	71						
BR VIRGIN IS																	
PARAQUITO BAY	4•70	•69	28	14	4	0	86•9	76•2	81•6	89	70		244•3				

TABLE II - SUMMARY OF DAILY OBSERVATIONS SEPTEMBER 73
(CONTINUED)

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																	
ALLSIDES	5•70	1•68	30	13	5	2	82•9	66•6	74•7	86	65						
BERNARD LODGE	1•62	•78	3	9	1	0	90•4	71•9	81•2	92	69		233•0				
BODLES	4•78	1•53	22	9	4	1	87•8	71•5	79•7	91	69		189•0				
CAENWOOD	4•28	•78	29	15	4	0	88•0	78•1	83•1	91	71						
CEDAR VALLEY	9•54	2•08	3	14	7	3	82•9	65•2	74•1	86	62						
CINCHONA GARDENS	8•70	2•65	11	19	6	2	72•3	57•7	65•0	76	51						
DALLAS	9•09	1•97	3	12	8	2	85•4	67•6	76•5	89	64						
DUCKENFIELD	10•11	1•37	2	19	7	2	87•8	73•1	80•5	90	70		190•4				
EAST ALBION NURS	4•83	1•66	2	16	4	2	87•9	74•9	81•4	90	71		174•2				
EMPIRE NURSERY	7•34	1•41	6	14	7	3	83•2	63•2	73•2	87	61						
FARM HILL	15•84	4•06	17	12	8	5	74•7	53•5	64•1	77	53						
FROME	6•89	1•70	19	15	5	3	88•8	69•6	79•2	95	59		118•6				
HALLS DELIGHT	7•44	1•50	11	16	7	1	79•1	64•3	71•7	81	60						
IRWIN	6•41	1•27	12	12	7	2	90•4	71•0	80•7	93	69						
KINGSTON ST•GEO	4•57	1•80	3	12	3	1	90•8	75•0	82•9	95	73						
N•MANLEY AIRPORT	3•83	1•68	3	8	3	1	88•7	77•3	83•0	92	72		207•0	11	0	0	0
MARSHALLS PEN	10•85	2•74	11	15	7	4	81•0	66•2	73•6	86	62	55•9		13	1	0	0
MASON RIVER FIEL	7•39	1•17	11	18	8	1	81•8	64•8	73•3	86	62						
MONYMUSK	3•55	1•20	5	6	4	1	89•1	69•1	79•1	94	67						
MORANT POINT LH	10•96	3•39	3	14	9	3	86•9	78•1	82•5	90	74			11	0	0	0
ORANGE RIVER	5•32	3•05	19	11	2	2	85•1	69•3	77•2	88	67						
D•SANGSTER APT	5•30	1•25	16	11	5	2	88•4	74•3	81•3	90	73		188•0	13	0	0	0
SMITHFIELD	13•70	1•94	20	21	11	4	84•6	68•8	76•7	88	64		162•6				
TOP MOUNTAIN	6•20	2•15	16	12	5	2	77•8	62•5	70•2	84	60						
WORTHY PARK	10•44	1•86	11	18	8	4	85•3	66•5	75•9	88	64		152•0				
CAYMAN ISLANDS																	
WEST BAY	5•33	1•26	22	11	6	1	87•4	76•1	81•8	90	73		193•5				
BELIZE																	
BELIZE AIRPORT	9•97	3•64	21	14	9	2	84•7	73•3	79•0	91	72		193•3	9	2	0	0

TABLE II - SUMMARY OF DAILY OBSERVATIONS SEPTEMBER 73

CONTINUED

COUNTRY STATION	RAINFALL (INCHES)						AIR TEMPERATURE F					MEAN GRASS MIN	TOTAL SUNSHINE DURATION	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
												°F	hr				
GUYANA																	
APOTERI	9·49	1·73	22	16	11	3											
BARTICA POTARO R	19·07	2·36	2	20	16	6	89·8	70·3	80·0	92	68						
CAMP JAGUAR	4·58	·69	1	19	4	0	88·4	73·0	80·7	91	71	71·2	198·9				
DAWA	12·41	2·30	13	20	11	3								0	0	0	0
EBINI	8·56	1·86	24	15	7	4	89·3	72·4	80·1	93	70		171·0	9	2	0	0
FRIENDSHIP	18·07	3·14	28	18	12	6	89·3	72·6	80·9	92	70		180·6				
GEORGETOWN BOT G	14·99	2·35	8	20	12	6	82·7	73·9	78·3	89	71	71·5	163·8	14	0	0	0
GREAT FALLS	14·35	2·22	19	24	11	5	87·4	71·8	79·6	91	69	69·0		16	18	0	0
HOSORORO	9·30	1·14	20	22	8	4											
ITABRU FALLS	13·44	2·71	17	20	11	4	90·9	72·6	80·8	94	70	71·5		20	0	0	0
KAIETEUR FALLS	17·21	4·81	14	23	10	4	83·3	69·9	76·6	86	66	68·9	163·5	4	8	0	0
KAMARANG	6·89	2·05	14	18	4	2	85·6	68·1	76·9	88	66	67·3	169·3	12	11	0	0
LETHEM	6·99	1·86	2	14	7	2	88·9	73·2	81·1	93	69			9	0	0	0
MABARUMA	8·21	1·14	13	19	8	3	87·4	72·3	79·9	92	71			19	5	0	0
MAHAICONY ABARY	11·92	1·70	21	23	12	3	85·6	74·1	79·8	87	70			16	0	0	0
MON REPOS	19·03	3·23	15	21	14	6	85·1	71·7	78·4	88	67		141·6				
NEW AMSTERDAM	10·35	1·50	5	27	12	3	86·4	73·6	80·0	89	72						
PLANTAIN ISLAND	16·73	2·14	4	25	13	6								28	23	0	0
PORT KAITUMA	10·12	1·46	2	19	10	2	88·0	71·1	79·5	93	68			7	0	0	0
SKELDON FRONT	11·04	1·16		22	11	4	87·4	70·7	79·1	90	67	69·9	177·5				
TIMEHRI AIRPORT	7·56	·65	11	21	9	0	86·6	72·1	79·4	92	70			22	11	0	0
TIMEHRI CHS	7·47	1·32	7	26	6	2	86·7	71·5	79·1	90	70						
WAUNA	11·32	1·45	28	26	11	2	87·8	70·0	78·9	93	68	68·7	145·1	7	8	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS SEPTEMBER 73

COUNTRY / STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	26	55	5•39	•38	19												
PIARCO AIRPORT	57	92	5•86	•37	8												
ST AUGUSTINE UWI	48	89	3•70	•26	26												
TOBAGO																	
CROWN POINT APT	79	145	6•20	•36	10												
LOUIS D/OR	11	290	6•17	•38	14												
BARBADOS																	
HUSBANDS CMI	80	142				89•3	71•6	99	5	66							
ST KITTS NEVIS																	
CUNNINGHAM			5•85M	•33	25												
BR VIRGIN IS																	
PARAQUITO BAY	116	175	8•14	•38	13												
JAMAICA																	
BODLES	29	60	5•96	•32	23										16227	682	192
DUCKENFIELD			4•81	•41	3												
EAST ALBION NURS	36	100															
EMPIRE NURSERY	8	15															
HALLS DELIGHT	18	40															

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS SEPTEMBER 73
CONTINUED

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES ^{0}F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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																	
N.MANLEY AIRPORT	91	168	5.76	.47	20												
ORANGE RIVER	28	58													13726	659	155
D.SANGSTER APT	68	122															
SMITHFIELD	42	66													11074	581	205
WORTHY PARK	20	44	4.00	.19	24												
CAYMAN ISLANDS																	
WEST BAY	88	159	5.86	.31	15	95.3	80.3	104	17	78					12645	613	150
GUYANA																	
CAMP JAGUAR			5.61	.28	28												
DAWA			4.96	.31	26												
EBINI	33	51															
FRIENDSHIP	33	59	5.25	.41	10												
GEORGETOWN BOT G	37	68	4.79M	.30	5												
GREAT FALLS			4.64	.33	19												
ITABRU FALLS			4.52	.27	4												
KAIETEUR FALLS	32	41	4.96	.26	27												
KAMARANG	60	87	5.28	.29	8												
PLANTAIN ISLAND			4.44	.23	11												
TIMEHRI CHS	33	65															
WAUNA	7	22	4.69	.33	30	93.0	75.6	100	1	70	89.7	77.9	95	77			

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS SEPTEMBER 73

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	.47	.52	.66	.86	1.20	1.26	1.26
PIARCO AIRPORT	.41	.47	.64	.82	1.10	1.11	1.15	1.15
ST AUGUSTINE UWI		.30	.40	.64	1.14	1.20	1.20	1.20
TOBAGO								
CROWN POINT APT				.85	.85	.88	1.04	1.95
LOUIS D/OR	.40	.60	.68	1.24	1.54	2.63	3.48	3.50
BARBADOS								
HUSBANDS CMI	.18	.18	.30	.30	.36	.42	.60	.60
BR VIRGIN IS								
PARAQUITO BAY	.24	.26	.37	.43	.45	.71	.90	.92
ROAD TOWN	.28	.40	.54	.72	.74	.80	.80	.80
JAMAICA								
N MANLEY AIRPORT	.32	.41	.47	.71	.83	1.39	1.68	1.68
D SANGSTER APT			.60	.63	.95	1.10	1.25	1.25
SMITHFIELD			1.23	1.40	1.54	1.79	1.79	1.79
CAYMAN ISLANDS								
WEST BAY	.30	.43	.45	.64	.76	.77	.97	.97
GUYANA								
APAIKWA	.41	.56	.78	1.24	1.57	1.67	1.71	1.71
CAMP JAGUAR	.21	.30	.35	.50	.60	.60	.69	.69
COOPERS LANDING	.27	.37	.44	.57	.68	.88	1.55	1.59
DAWA	.42	.62	.62	.98	1.00	1.06	1.42	1.81
EBINI	.24	.42	.60	.90	1.31	1.66	1.86	1.86
FRIENDSHIP	.42	.64	.97	1.73	2.67	2.85		
GEORGETOWN BOT G	.79	1.01	1.01	1.12	1.17	1.73	2.26	2.35
GREAT FALLS	.48	.62	.82	1.24	2.10	2.10	2.11	2.13
KAIETEUR FALLS	.40	.68	1.00	1.56	2.17	2.68	4.67	4.76
KAMARANG	.32	.46	.75	.92	1.15	1.40	2.01	2.04
KERAHA LDG	.40	.48	.60	.76	.94	.97	.97	1.26
LETHEM	.28	.48	.62	.88	1.59	1.79	1.84	1.86
MACKENZIE					2.18	2.19	2.20	2.20
MAHAICONY ABARY	.29	.49	.66	.83	.90	1.57	1.70	1.70
NEW AMSTERDAM	.30	.50	.65	.90	.92	.98	1.12	1.39
PLANTAIN ISLAND	.51	.97	1.09	1.17	2.04	2.08	2.13	2.14
SKELDON FRONT	.24	.40	.60	.93	1.00	1.09	1.09	1.09
TIMEHRI AIRPORT	.28	.45	.59	.68	.78	.79	.86	.86
TIMEHRI CHS	.32	.43	.60	1.00	1.25	1.25	1.30	1.32
WAUNA	.45	.65	.80	1.02	1.45	1.45	1.45	1.45

TABLE V - SUMMARY OF WINDSPEED RECORDS - SEPTEMBER 73

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	33	12	13	29	05	39	1300	13	1	0	0	7•2
TOBAGO												
CROWN POINT APT	11	14	11	21	14	21	1110	21	0	0	0	5•5
ANTIGUA												
COOLIDGE AIRPORT	07	26	15	3	09	38	0915	14	5	0	0	11•9
GUYANA												
GEORGETOWN BOT G	12	13	12	22	13	25	1115	22	0	0	0	4•5
KAIETEUR FALLS	16	3	19	1	16	4	1835	1	0	0	0	•9
KAMARANG	10	4	17	7	10	6	1605	7	0	0	0	•7
TIMEHRI AIRPORT	36	10	14	7	36	44	1325	7	0	0	0	2•9
WAUNA	16	10	12	5	10	23	1445	5	0	0	0	2•1

TABLE VI - SUMMARY OF SUNSHINE RECORDS SEPTEMBER 73

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	4	51	67	63	63	60	62	60	57	57	40	3	0	177•2	48	10•4	6	2	7	4	10	7	0
PIARCO AIRPORT	0	23	62	69	64	60	59	59	60	58	54	47	17	0	191•1	52	11•0	5	3	6	3	5	13	0
ST AUGUSTINE UWI	0	16	65	74	72	62	54	58	51	56	52	49	20	0	187•9	51	11•0	5	2	7	2	9	10	0
TOBAGO																								
CROWN POINT APT	0	31	73	77	79	75	71	75	67	62	64	59	26	0	226•9	62	11•4	3	2	4	2	6	16	0
LOUIS D/OR	0	5	46	68	74	76	63	68	66	63	59	48	1	0	191•1	52	10•2	3	1	6	5	8	10	0
BARBADOS																								
HUSBANDS CMI	0	16	72	75	82	71	80	71	74	75	68	57	18	0	230•9	63	11•0	5	0	2	5	13	10	0
SEAWELL AIRPORT	0	19	73	88	91	92	82	76	77	76	72	67	23	0	251•4	69	11•0	4	0	2	3	8	17	0
DOMINICA																								
MELVILLE HALL AP	0	12	46	57	70	82	78	76	74	80	74	55	11	0	213•6	58	10•8	17	0	1	9	10	9	0
BR VIRGIN IS																								
PARAQUITO BAY	0	18	67	84	83	90	86	80	78	80	73	62	12	0	244•3	66	10•8	7	0	3	2	9	16	0
JAMAICA																								
BODLES	0	6	67	81	79	76	76	78	60	47	39	22	1	0	189•0	51	9•4	27	0	5	4	17	4	0
DUCKENFIELD	0	1	56	69	76	73	72	68	61	59	53	35	4	0	190•4	50	10•9	10	0	4	8	14	4	0
EAST ALBION NURS	0	15	36	44	54	62	62	57	68	73	52	48	10	0	174•2	47	9•4	15	1	3	10	14	2	0
FROME	0	5	51	56	54	41	43	40	36	31	25	34	8	0	118•6	35	9•6	23	2	9	7	7	1	0
N•MANLEY AIRPORT	0	33	73	82	86	85	80	63	62	52	40	28	5	0	207•0	56	9•6	10	0	3	9	11	7	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS SEPTEMBER 73

CONTINUED

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																								
D'SANGSTER APT	0	25	75	74	70	79	75	69	56	51	27	21	6	0	188·0	51	10·8	10	2	3	6	15	4	0
SMITHFIELD	0	30	68	69	82	77	65	49	31	24	20	20	8	0	162·6	44	10·8	10	0	5	15	7	3	0
CAYMAN ISLANDS																								
WEST BAY G C	0	8	50	74	73	74	74	64	62	61	58	41	12	0	193·5	53	11·1	10	4	3	4	10	9	0
BELIZE																								
BELIZE AIRPORT	0	16	43	55	54	65	69	71	68	63	71	55	16	0	195·3	51	11·0	10	0	5	6	12	5	0
GUYANA																								
CAMP JAGUAR	0	3	22	38	55	73	78	82	83	82	69	55	23	0	198·9	55	10·0	27	1	1	9	13	6	0
EBINI	0	4	35	52	65	73	71	74	62	52	43	32	8	0	171·0	47	10·5	26	0	4	11	10	3	0
FRIENDSHIP	0	12	42	56	75	75	69	63	59	55	49	40	7	0	180·6	49	10·6	17	0	4	11	11	4	0
GEORGETOWN BOT G	0	13	41	40	52	45	39	57	68	61	65	49	14	0	163·8	45	11·0	26	0	8	8	10	4	0
KAIETEUR FALLS	0	1	22	39	64	73	67	67	70	49	48	32	13	0	163·5	45	10·5	27	0	6	12	10	2	0
KAMARANG	0	0	14	45	58	69	72	73	73	66	48	34	11	0	169·3	46	9·5	26	0	5	9	13	1	0
MON REPOS	0	8	33	43	47	33	35	46	56	53	53	46	10	0	141·6	39	9·9	26	0	13	3	9	5	0
SKELDON FRONT	0	10	46	65	71	74	69	58	49	46	42	40	40	10	177·5	49	10·5	17	0	6	7	14	3	0
WAUNA	0	2	41	67	75	69	56	48	41	26	24	25	9	0	145·1	40	9·7	26	0	6	14	8	2	0

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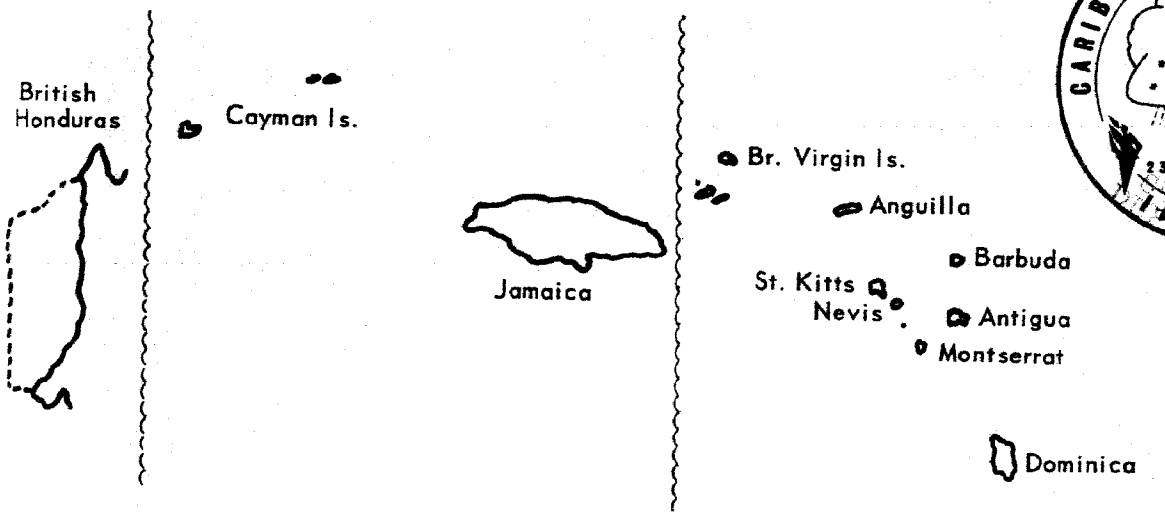
NOAA



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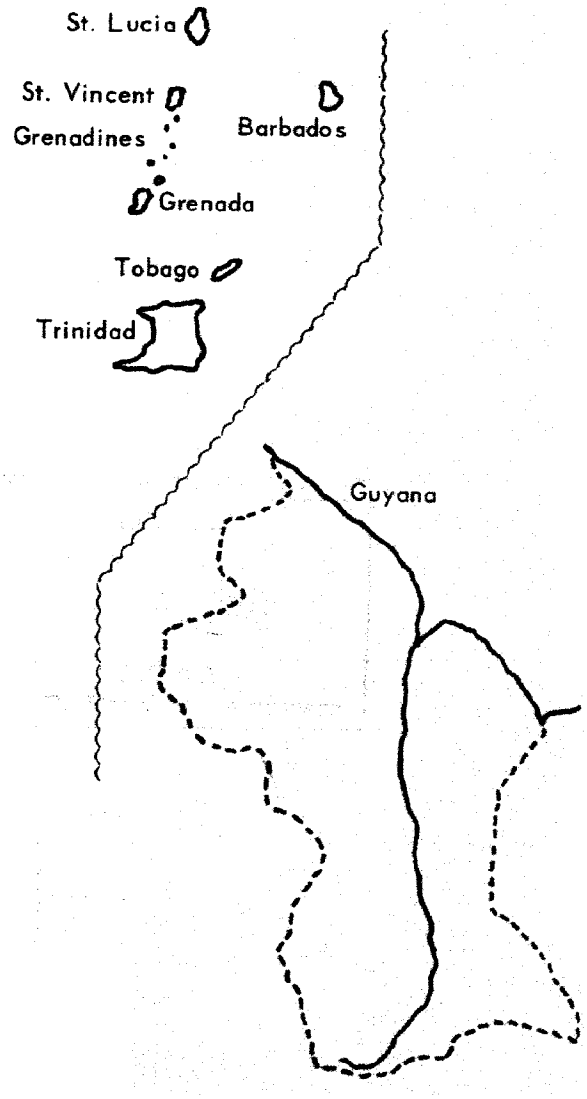

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Monthly Weather Summary

October 1973

MONTHLY WEATHER SUMMARY

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

October 1973

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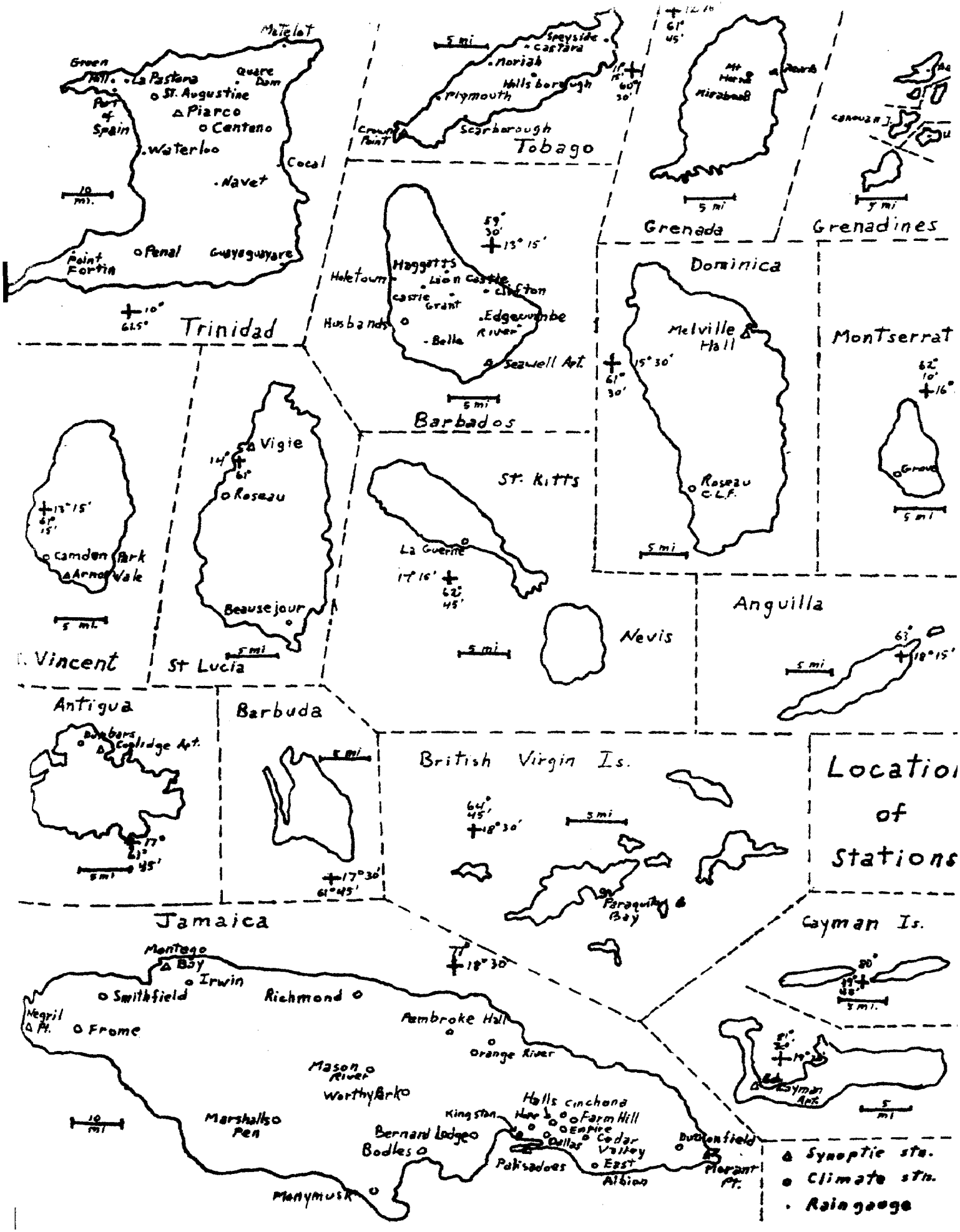
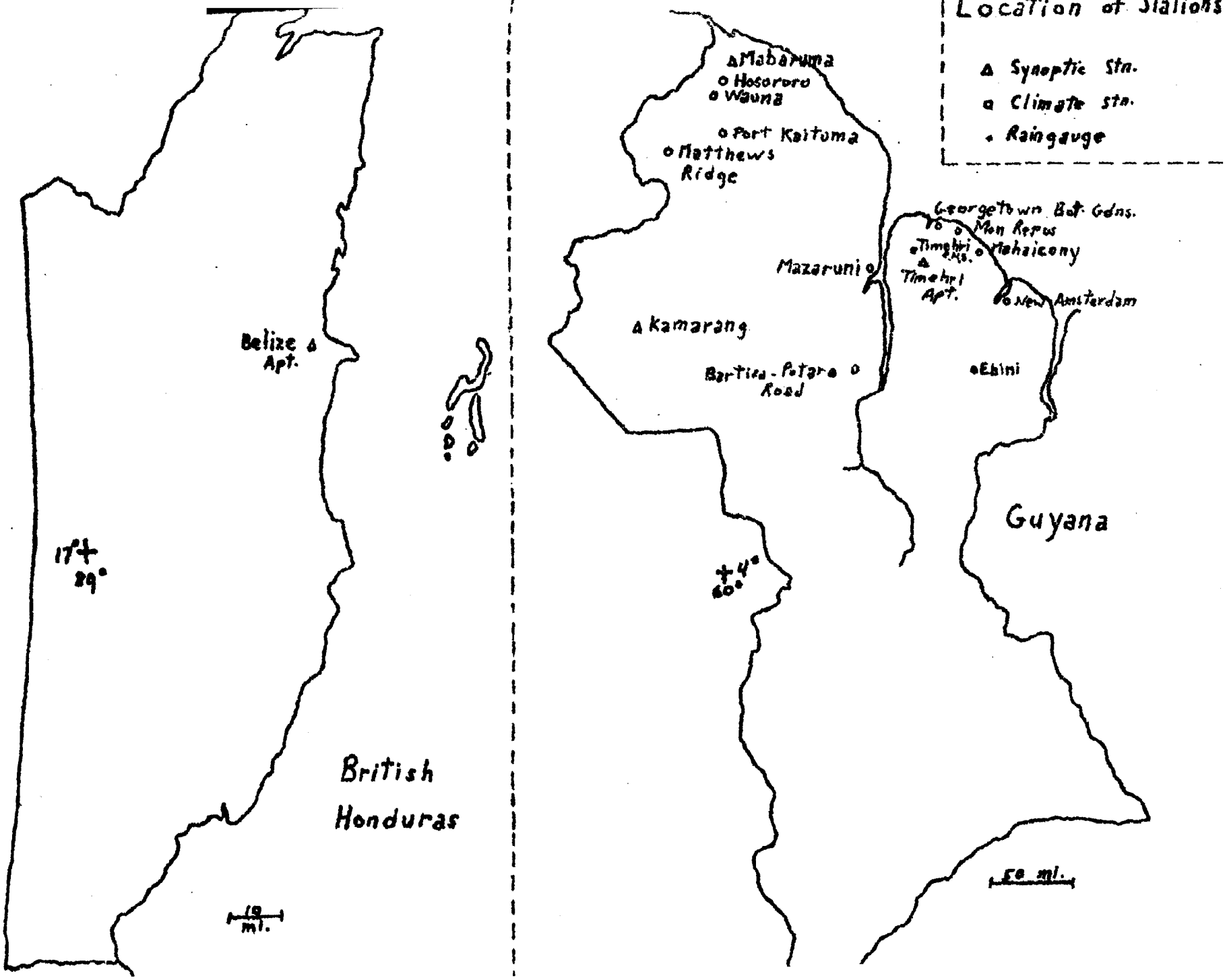

Location of Stations
Trinidad
Tobago
Grenada
Grenadines
Barbados
Dominica
Montserrat
St. Kitts
Nevis
Anguilla
St Lucia
Vincent
Antigua
Barbuda
British Virgin Is.
Jamaica
Cayman Is.
Metelot
Green Hill
La Pastora
Quare Dam
St. Augustine
Port of Spain
Piarco
Centeno
Waterloo
Cocal
Navet
Point Fortin
Penal
Guayaguayare
Speyside
Castara
Moriah
Hillsborough
Plymouth
Crown Point
Scarborough
Mt Horne
Mirabeau
Canouan I.
Haggatts
Holetown
Lion Castle
Clifton
Castle Grant
Husbands
Edgecumbe
River
Belle
Seawell Apt.
Melville Hall
Roseau C.L.F.
Grove
Vigie
Roseau
Beausejour
Camden Park
Arnos Vale
La Guerne
Dunbars
Coolidge Apt.
Paraquita Bay
Montego Bay
Irwin
Smithfield
Richmond
Negril Pt.
Frome
Pembroke Hall
Orange River
Mason River
Worthy Park
Marshalls Pen
Bernard Lodge
Bodles
Monymusk
Kingston
Halls
Cinchona
Farm Hill
Empire
Cedar Valley
Dallas
Palisadoes
East Albion
Duttonfield
Morant Pt.
Cayman Apt.
Synoptic stn.
Climate stn.
Raingauge


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

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.

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2. The rainfall data are 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, 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 a re 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

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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 /day. refer to the climate. 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".

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 underrecord 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.

/ct'd.....

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 — OCTOBER 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 (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	78•2	73•4	28•4	86																	
PENAL AG STATION	25	08	78•2	76•0	29•7	90																	
PIARCO AIRPORT	41	02	74•8	73•5	27•6	94	1010•8	1•1	4•5	4	4	10	10	3	0	0	0	0	0	0	1	7	23
		08	77•9	75•4	28•9	89	1012•4	5•5	5•5	1	4	6	16	4	0	0	1	0	0	0	4	10	16
		14	84•0	76•9	28•4	71	1010•6	9•7	6•2	0	0	9	20	2	0	0	0	0	0	0	4	10	17
PIARCO AIRPORT	41	20	77•2	75•0	28•6	90	1011•1	2•9	5•1	1	7	4	16	3	0	0	0	0	0	0	1	6	24
ST AUGUSTINE UWI	52	09	80•9	76•1	28•7	80		9•0															
TOBAGO																							
CROWN POINT AIRP	9	02	77•9	75•0	28•3	87	1010•3	51•4	4•4	0	12	7	12	0	0	0	0	0	0	0	0	2	29
		08	80•8	76•5	29•2	81	1012•2	7•3	5•3	0	7	6	13	4	0	0	0	1	0	0	1	4	24
		14	86•7	80•8	31•3	72	1010•4	10•3	5•7	0	4	9	15	3	0	0	0	0	0	0	2	2	27
		20	78•6	75•4	28•5	85	1011•0	4•9	4•9	0	9	3	16	3	0	0	0	0	0	0	1	2	28
LOUIS D/OR	40	08	81•6	76•3	28•5	77		0•9															
BARBADOS																							
HUSBANDS CMI	370	08	80•7	75•3	27•5	77	1013•4	9•8	4•6	0	7	9	14	0	1	0	0	0	0	0	1	6	24
SEAWELL AIRPORT	183	02	79•4	75•5	28•5	83	1011•2	10•6	4•4	0	7	15	7	2	0	0	0	0	0	0	2	2	27
		08	81•9	76•9	29•2	78	1013•2	11•1	4•7	0	8	10	11	2	0	0	0	0	0	0	2	4	25
		14	84•4	77•4	29•0	72	1011•1	11•1	5•2	0	2	15	11	3	0	0	0	0	0	0	2	1	28
		20	80•6	76•2	28•9	81	1012•2	10•2	4•3	0	10	10	8	3	0	0	0	0	0	0	2	1	28
ST LUCIA																							
HEWANORRA APT		08	82•1	76•8	29•2	78	1014•2	12•2	4•1	0	5	20	5	1	0	0	0	0	0	0	0	0	31
		14	84•0	77•8	29•8	75	1012•6	10•7	4•5	0	3	21	6	1	0	0	0	0	0	0	0	0	31
ROSEAU WINBAN		09	83•6	76•9	23•5	72																	
VIGIE AIRPORT	7	08	81•8	76•0	28•0	75	1014•1	7•2	3•6	0	12	9	8	1	0	0	0	0	0	0	1	0	29
		14	84•9	73•6	28•0	68	1012•4	10•5	4•6	0	4	15	9	2	0	0	0	0	0	0	0	0	30
DOMINICA																							
MELVILLE HALL AP	43	14	84•1	77•2	28•8	72	1013•5	11•4	4•7	0	1	20	9	1	0	0	0	0	0	0	1	3	27
MONTSERRAT																							
GROVE	150	08	81•2	76•0	28•5	79																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER 73
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM				Number of Observations													
		LST							MEAN AMT	0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1-2	2-3	3-5	5-10	10 or more
	ft		°F	°F	mb	%	mb	kt															
ANTIGUA																							
COOLIDGE AIRPORT	26	02	78·9	76·1	29·5	88	1012·7	10·2	3·3	0	17	5	6	2	0	0	0	0	0	0	0	0	30
		08	81·3	77·4	30·2	83	1013·9	11·6	3·4	0	12	16	1	2	0	0	0	0	0	0	0	0	31
		14	84·1	78·6	30·8	77	1012·4	13·4	4·0	0	6	19	4	2	0	0	0	0	0	0	0	0	31
		20	79·7	76·5	29·8	86	1013·4	10·8	2·8	0	20	4	6	1	0	0	0	0	0	0	0	0	31
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	81·5	76·1	28·5	71	1014·3	11·4	4·7	0	1	21	7	1	0	0	0	0	0	0	0	0	30
		14	84·1	77·0	28·5	71	1012·7	12·7	4·5	0	2	21	6	2	0	0	0	0	0	0	0	1	30
JAMAICA																							
ALLSIDES		07	72·3	69·0	22·8	84																	
BERNARD LODGE	55	07	76·5	74·2	27·9	90																	
BODLES	60	07	74·3	73·0	27·2	94																	
		13	84·8	77·5	29·2	72																	
CAENWOOD	50	08	79·4	75·3	28·1	82																	
CAENWOOD		16	84·0	78·4	30·4	76																	
CEDAR VALLEY	1980	07	70·1	68·5	23·0	92																	
		13	77·9	73·6	26·3	81																	
CINCHONA GARDENS	4897	07	64·3	61·6	17·5	85																	
		16	65·8	63·7	19·2	89																	
DALLAS	950	09	77·9	74·6	27·5	84																	
		15	81·0	75·9	28·2	78																	
DUCKENFIELD	60	08	80·2	77·3	30·8	88																	
EAST ALBION NURS	90	07	77·9	72·9	25·4	78																	
		13	84·5	76·2	27·2	67																	
EMPIRE NURSERY	2130	07	72·8	69·8	23·4	85																	
		13	75·4	71·7	24·8	83																	
FARM HILL	4020	07	63·5	61·8	18·0	90																	
		13	74·0	63·2	15·0	52																	
HALLS DELIGHT	3020	07	70·6	66·8	20·8	82																	
HALLS DELIGHT	3020	13	72·4	68·8	22·4	82																	
IRWIN	80	08	81·9	78·2	31·4	84																	
		15	80·7	77·8	31·1	78																	
KINGSTON ST GEO	90	07	76·2	73·8	27·5	90																	
		13	85·4	78·7	30·6	74																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER 73
CONTINUED

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
JAMAICA																							
N.MANLEY AIRPORT	9	01	80.0	75.8	28.8	82	1011.5	2.8	2.9	0	18	7	3	3	0	0	0	0	0	0	0	2	29
		07	79.7	75.1	28.1	81	1011.1	1.6	4.5	0	11	5	9	6	0	1	0	0	0	1	0	1	28
		13	86.0	78.3	29.9	69	1010.4	12.0	5.3	0	7	6	15	3	0	0	0	1	0	1	0	0	29
		19	82.2	76.9	29.6	79	1010.1	5.4	5.4	0	4	10	11	6	0	0	0	0	0	0	0	1	30
MARSHALLS PEN	2300	07	69.7	68.6	22.3	90		4.0	3.5	5	11	4	6	0	5								
MARSHALLS PEN	2300	13	78.9	75.4	23.9	71		3.9	5.0	0	6	8	12	0	5								
MASON RIVER FIEL	2300	07	69.4	68.4	23.1	94																	
		13	78.4	73.5	26.0	78																	
		19	68.6	67.7	22.6	95																	
MONYMUSK	30	07	79.1	75.9	29.0	86																	
MORANT POINT LH	6	01	80.2	77.4	31.0	88	1013.3	6.9	4.5	0	9	11	5	6	0	0	0	0	0	0	0	0	31
		07	80.2	77.4	30.9	88	1013.3	9.8	5.3	0	4	10	13	3	0	0	0	0	0	0	0	0	30
		13	83.9	79.4	32.4	82	1013.9	10.7	5.1	0	5	11	10	4	0	0	0	0	0	0	0	0	30
		19	81.8	78.6	32.0	86	1012.5	8.8	5.1	0	8	8	7	8	0	0	0	0	0	0	0	0	31
ORANGE RIVER	950	08	75.9	74.3	28.2	92																	
ORANGE RIVER	950	16	77.7	76.1	30.1	93																	
D.SANGSTER APT	3	01	76.8	73.1	26.5	84	1010.8	0.8	2.7	2	19	1	7	1	0	0	0	0	0	0	0	0	30
		07	77.5	73.7	26.8	83	1011.0	1.7	4.5	0	10	7	10	3	0	0	0	0	1	0	0	0	29
		13	84.2	77.2	29.3	73	1010.7	11.5	5.4	0	7	4	16	4	0	0	0	0	0	0	0	0	31
		19	78.2	74.3	27.6	84	1010.6	4.2	5.2	0	5	9	12	5	0	0	0	0	0	0	0	2	29
SMITHFIELD	925	08	78.2	74.2	27.1	82																	
TOP MOUNTAIN	3550	07	68.7	65.4	19.9	83																	
		13	74.3	69.1	22.0	76																	
WORTHY PARK	1250	07	69.5	69.0	23.7	96																	
		15	78.1	73.5	26.1	80																	
CAYMAN ISLANDS																							
WEST BAY		09	82.9	77.7	30.1	78		0.7	7.4	0	8	12	6	5									
BELIZE																							
BELIZE AIRPORT	17	06	74.3	73.7	27.9	97	1011.6	2.6	6.7	0	0	6	15	7	2	2	1	1	0	0	2	14	10
		12	83.0	76.9	28.8	75	1011.7	6.4	5.9	0	0	7	23	1	0	0	0	0	1	0	0	1	29
		18	80.2	76.4	29.3	83	1010.1	3.2	5.7	0	3	8	18	2	0	0	0	0	0	0	0	1	30

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 73
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations 0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1½-2	2-3	3-5	5-10	10 or
	ft	LST	°F	°F	mb	%	mb	kt															
GUYANA																							
BARTICA POTARO R	400	08	77·6	76·2	30·2	93																	
		14	88·7	77·5	27·1	59																	
CAMP JAGUAR		08	76·6	74·5	28·1	90																	
		14	87·4	77·3	27·5	62																	
EBINI	60	08	78·9	76·7	30·4	90	1011·5	4·2	6·5	0	0	4	27	0	0	0	0	1	0	0	0	27	3
EBINI	60	14	86·3	77·3	28·0	65	1007·7	7·6	6·1	0	1	7	21	2	0	0	0	0	0	1	1	12	17
FRIENDSHIP		08	79·4	77·1	30·8	90																	
		14	85·0	78·0	29·6	72																	
GEORGETOWN BOT G	7	08	81·5	76·5	28·9	79	1007·8	5·6	6·4	0	0	8	19	4	0	0	0	0	0	0	1	18	12
		14	83·8	77·8	29·9	76	1012·1	6·4	5·7	0	3	10	18	0	0	0	0	0	0	0	0	15	16
GREAT FALLS		08	76·7	75·7	29·8	95																	
		14	87·4	79·8	31·3	70																	
ITABRU FALLS		08	78·2	76·6	30·6	93																	
		14	88·9	86·6	31·8	68																	
KAIETEUR FALLS		08	73·1	72·0	26·2	94																	
KAMARANG		08	72·7	70·9	25·0	91	1015·3	0·0	6·4	0	0	5	25	1	0	0	2	0	0	0	1	3	25
		14	83·0	74·1	24·9	65	1011·0	1·7	5·7	0	0	12	19	0	0	0	0	0	0	0	0	0	31
LETHEM	270	08	80·7	75·2	27·3	76	1012·3	15·0	6·1	0	0	9	21	1	0	0	0	0	0	0	0	1	30
		14	89·3	76·8	26·1	55	1008·6	13·9	6·0	0	0	6	25	0	0	0	0	0	0	0	0	0	31
MABARUMA	185	08	77·5	75·8	29·7	92	1011·5	7·5	5·3	0	5	6	19	1	0	1	0	0	0	0	2	11	17
MABARUMA	185	14	81·5	77·1	29·8	81	1009·6	8·5	6·7	0	0	1	29	1	0	0	0	0	0	0	3	21	1
MAHAICONY ABARY	6	08	80·4	77·2	30·5	86																	
		14	84·2	78·3	30·3	76																	
MON REPOS		08	81·1	75·1	26·9	74																	
		14	84·3	76·7	27·9	69																	
NEW AMSTERDAM	3	08	82·2	77·4	30·0	80																	
		14	87·3	78·8	29·8	67																	
PORT KAITUMA		08	76·7	75·5	29·7	95																	
		14	83·9	77·9	30·0	76																	
SKELDON FRONT		08	81·4	78·2	31·5	86																	
TIMEHRI AIRPORT	95	02	74·4	74·1	28·7	99	1009·5	1·0	4·6	3	4	10	12	2	0	0	0	2	1	0	2	19	1
		08	78·6	76·5	30·2	90	1011·5	3·0	5·6	0	3	8	20	0	0	0	0	0	0	0	2	15	14
		14	83·0	77·3	29·4	76	1008·7	6·6	6·5	0	0	4	27	0	0	0	0	0	0	0	2	17	12
		20	76·7	75·7	30·0	96	1010·0	1·8	5·9	0	3	6	17	5	0	0	0	0	0	1	0	10	23

TABLE II - SUMMARY OF DAILY OBSERVATIONS — OCTOBER 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	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	13•73	2•42	1	22	9	6	85•7	72•7	79•2	91	69		166•7				
PENAL AG STATION	7•78	1•36	15	21	9	1	87•1			90			144•1				
PIARCO AIRPORT	12•41	2•17	1	22	8	3	86•9	72•4	79•6	90	70	70•6	181•4	7	3	0	0
ST AUGUSTINE UWI	9•91	1•89	1	19	10	4	86•9	71•6	79•3	90	68		190•0	3	0	0	0
TOBAGO																	
CROWN POINT APT	10•35	2•53	9	20	6	3	85•5	75•1	80•3	87	72	72•5	203•7	4	0	0	0
LOUIS D/OR	13•55	1•67	18	22	11	4	85•4	74•8	80•1	87	71		183•4				
BARBADOS																	
HUSBANDS CMI	5•31	1•44	2	15	5	1	85•2	73•7	79•5	89	70		225•6				
SEAWELL AIRPORT	6•63	1•53	8	14	4	3	86•2	76•1	81•2	88	69		243•9				
ST LUCIA																	
HEWANORRA APT	9•15	2•60	8	18	6	3	86•4	75•8	81•1	87	71			3	0	0	0
ROSEAU WINBAN	11•24	2•03	7	22	10	3	86•5	72•3	79•7	90	69		247•2				
VIGIE AIRPORT	10•45	2•10	3	21	11	2	86•9	74•2	80•6	88	69			1	0	0	0
DOMINICA																	
MELVILLE HALL AP	7•06	•66	29	22	7	0	86•1	73•9	80•0	88	70		248•9				
MONTSERRAT																	
GROVE	3•37	1•17	10	12	2	2	86•9	74•6	80•7	90	73		255•7				
ANTIGUA																	
COOLIDGE AIRPORT	3•74	1•07	9	14	3	1	85•7	76•8	81•3	88	73						

TABLE II - SUMMARY OF DAILY OBSERVATIONS - OCTOBER 73
(CONTINUED)

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
ST KITTS NEVIS																	
CAINES	2·39	·65	10	10	1	0											
CUNNINGHAM	4·08	1·15	9	10	5	1											
NEEDSMUST	2·79	·90	7	11	2	0	87·9	73·9	80·9	90	70						
BR VIRGIN IS																	
PARAQUITO BAY	2·74	1·18	11	9	1	1	86·9	77·7	82·3	89	74		271·0				
JAMAICA																	
ALLSIDES	17·49	2·32	30	13	8	5	80·7	66·4	73·6	84	65						
BERNARD LODGE	15·66	7·00	16	11	5	3	88·8	70·4	79·6	92	67		175·5				
BODLES	18·15	6·87	17	12	5	3		70·7			68		192·4				
CAENWOOD	8·94	2·65	17	17	9	2		74·4			70						
CEDAR VALLEY	26·95	7·00	18	15	11	7	81·0	64·9	73·0	85	62						
CINCHONA GARDENS	26·86	10·75	16	18	8	4	70·8	58·1	64·5	76	57						
DALLAS	21·91	9·50	16	12	5	3	84·5	68·0	76·3	88	65						
DUCKENFIELD	25·29	3·09	15	23	12	7	86·3	73·4	79·8	90	69		158·3				
EAST ALBION NURS	20·97	5·31	17	15	9	6	87·6	74·7	81·2	91	72						
EMPIRE NURSERY	23·19	9·27	16	15	7	4		63·6			60						
FARM HILL	33·74	11·31	18	16	13	6	74·7	53·7	64·2	78	53						
FROME	11·88	2·83	16	17	10	3	89·3	71·3	80·3	92	68		190·5				
HALLS DELIGHT	23·42	11·01	16	18	7	4	78·0	63·7	70·8	82	61						
IRWIN	22·15	4·54	26	22	11	8	89·4	71·3	80·3	93	69						
KINGSTON ST·GEO	17·97	7·40	16	12	7	3	89·3	74·1	81·7	94	71						
N·MANLEY AIRPORT	16·59	3·95	17	9	6	3	88·1	76·2	82·2	92	73		183·0	9	0	0	0
MARSHALLS PEN	24·29	9·00	16	18	9	4	81·1	64·0	72·6	85	60	63·6		9	0	0	0
MASON RIVER FIEL	19·39	5·52	17	18	13	6	80·2	65·0	72·6	84	60						
MONYMUSK	16·96	5·72	18	15	8	5	89·8	69·0	79·4	94	67						
MORANT POINT LH	22·50	4·80	17	15	11	7	85·7	77·5	81·6	88	72			11	0	0	0

TABLE II - SUMMARY OF DAILY OBSERVATIONS — OCTOBER 73

CONTINUED

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																	
ORANGE RIVER	16•10	3•65	16	15	10	5	83•8	70•0	76•9	86	67						
D•SANGSTER APT	9•12	2•45	17	16	6	3	87•1	76•9	82•0	91	72		182•7	7	0	0	0
SMITHFIELD	23•76	3•54	16	22	16	7	83•0	67•7	75•4	86	73		157•0				
TOP MOUNTAIN	42•23	16•20	16	10	8	4	78•7	62•3	70•5	81	61						
WORTHY PARK	21•98	7•04	17	20	10	5	83•7	63•5	73•6	88	60		119•0				
CAYMAN ISLANDS																	
WEST BAY	12•01	2•57	2	15	10	5	86•1	75•5	80•8	88	72		199•2				
BELIZE																	
BELIZE AIRPORT	12•02	1•61	6	17	6	4	85•0	73•4	79•2	89	70		173•8	7	4	0	0
GUYANA																	
BARTICA POTARO R	9•95	1•90	15	15	9	3	89•9	71•2	80•5	93	68						
CAMP JAGUAR	4•21	1•18	8	13	4	1	89•7	73•8	81•7	93	69	71•3	232•1				
DAWA	31•60	5•15	8	28	16	8											
EBINI	7•71	1•19	14	15	8	3	90•4	72•9	81•6	93	71	69•9	207•7	20	12	0	0
FRIENDSHIP	5•98	•92	6	21	6	0	88•9	72•5	80•7	92	71		210•7				
GEORGETOWN BOT G	13•72	3•11	3	21	7	5	86•1	75•4	80•7	87	71	73•2	185•4	8	0	0	0
GREAT FALLS	8•27	1•14	20	16	8	2	88•5	72•8	80•7	91	69	70•1		17	19	0	0
HOSORORO	14•89	1•32	17	26	11	7											
ITABRU FALLS	5•54	•61	5	17	6	0	90•8	73•6	82•2	94	72	72•3		12	0	0	0
KAIETEUR FALLS	13•34	2•14	13	25	11	4	83•1	70•9	77•0	88	68	70•3	189•3	4	7	0	0
KAMARANG	8•61	1•69	26	15	7	2	85•7	68•7	77•2	88	65	67•2	183•4	12	16	0	0
LETHEM	2•56	1•09	15	6	3	1	91•7	74•1	82•9	94	72			9	0	0	0
MABARUMA	14•88	1•73	3	25	15	5	86•0	72•8	79•4	92	70			17	1	0	0
MON REPOS	10•80	1•93	3	18	11	3	86•1	73•4	79•7	89	70		183•1				
NEW AMSTERDAM	3•47	•91	3	16	2	0	88•3	74•8	81•6	91	73						
PLANTAIN ISLAND	8•87	•87	21	22	11	0								28	9	0	0
PORT KAITUMA	10•23	1•37	17	21	10	4	87•7	69•5	78•6	91	65			8	0	0	0
SKELDON FRONT	5•59	2•72	21	12	4	1	89•5	73•2	81•3	91	70	72•4	196•3				
TIMEHRI AIRPORT	8•09	1•54	2	19	7	4	87•4	72•9	80•1	91	71			10	3	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS - OCTOBER 73

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	29	66	4•39M	•24	20												
PENAL AG STATION	33	60	4•99	•33	21												
PIARCO AIRPORT	75	116	5•44	•39	1												
ST AUGUSTINE UWI	97	175	3•80	•18	13												
TOBAGO																	
CROWN POINT APT	89	148	6•74	•42	21												
LOUIS D/OR	22	44	5•93	•32	5												
BARBADOS																	
HUSBANDS CMI	80	147	6•97	•40	2	92•3	79•6	95	1	73	84•6	77•7	95	74			
MONTSERRAT																	
GROVE	113	207															
ST KITTS NEVIS																	
NEEDSMUST			6•89	•30	17												
BR VIRGIN IS																	
PARAQUITO BAY	114	166	8•87	•40	31										13391	568	194

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS - OCTOBER 73
CONTINUED

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (Langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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																	
ALLSIDES	90	162															
BODLES	42	131	5•50M	•29	1										16303	699	206
CEDAR VALLEY	15	25															
EAST ALBION NURS	29	57	4•68M	•31	14												
EMPIRE NURSERY	5	20	3•37M	•38	19												
FARM HILL	24	115															
HALLS DELIGHT	28	106															
N•MANLEY AIRPORT	78	153	6•11M	•37	3												
ORANGE RIVER	37	106													11868	626	117
SMITHFIELD	60	248				83•1	72•7	88	22	71	80•8	74•6	89	74	10112	480	87
WORTHY PARK	21	72	3•24	•15	8												
CAYMAN ISLANDS																	
WEST BAY	89	165	5•35	•32	12	91•2	78•8	97	23	77					11974	558	147
GUYANA																	
CAMP JAGUAR			6•28	•25	5												
EBINI	47	64	6•36	•29	24	87•0	80•7	90	1	79	85•7	82•4	88	79			
FRIENDSHIP	42	62	5•17	•26	26												
GEORGETOWN BOT G	42	59	4•62	•24	1										10994	560	96
GREAT FALLS			4•05	•23	2												
ITABRU FALLS			5•01	•26	24												
KAIETEUR FALLS	36	49	5•61	•32	13												
KAMARANG	67	99	5•91	•37	22												
PLANTAIN ISLAND			3•64	•22	16												

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS — OCTOBER 73

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	.68	.88	1.40	1.95	1.96	2.19	2.73
PENAL AG STATION	.32	.44	.52	.60	.92	1.36	1.36	1.36
PIARCO AIRPORT	.42	.56	.71	1.12	1.52	1.59	2.15	2.35
ST AUGUSTINE UWI	.	.30	.45	.70	.82	.92	1.13	1.24
TOBAGO								
CROWN POINT APT	.39	.79	.82	.82	.84	.99	1.40	2.12
BARBADOS								
HUSBANDS CMI	.20	.31	.31	.34	.42	.91	1.34	1.44
SEAWELL AIRPORT	.17	.22	.55	.64	.64	.85	1.09	1.11
BR VIRGIN IS								
PARAQUITO BAY	.29	.37	.37	.43	.52	.73	1.17	1.18
ROAD TOWN	.40	.42	.45	.45	.45	.45	.45	.45
JAMAICA								
SMITHFIELD	.41	.83	1.00	1.87	2.07	2.07	2.07	2.07
CAYMAN ISLANDS								
WEST BAY	.39	.63	.71	1.15	1.26	2.39	2.56	2.56
GUYANA								
APAIKWA	.29	.50	.66	.95	1.26	1.28	1.44	1.64
APOTERI	.27	.5	.49	.94	1.44	1.98	2.09	2.12
CAMP JAGUAR	.29	.36	.43	.46	.52	.59	.67	1.18
COOPERS LANDING	.46	.64	1.00	1.40	1.63	1.83	2.88	3.61
EBINI	.26	.52	.76	.93	1.15	1.15	1.19	1.19
FRIENDSHIP	.42	.50	.61	.71	.72	.72	.81	.92
GEORGETOWN BOT G	.52	.62	.98	1.09	1.20	1.85	2.38	3.11
GREAT FALLS	.33	.54	.83	.98	1.07	1.07	1.11	1.13
KAIETEUR FALLS	.24	.44	.52	.72	.95	1.39	1.99	2.14
KAMARANG	.40	.56	.80	.84	1.23	1.69	1.69	1.69
KERAHA LDG	.36	.41	.53	.85	1.32	1.92	1.97	1.98
LETHEM	.20	.29	.40	.47	.48	.65	1.03	1.09
MACKENZIE	.31	.44	.68	.80	1.59	1.84	1.86	2.15
MAHAICONY ABARY	.21	.42	.63	.94	1.77	2.46	2.83	2.86
NEW AMSTERDAM	.16	.26	.33	.58	.86	.86	.86	.86
PLANTAIN ISLAND	.29	.46	.50	.63	.70	.70	.86	.87
TIMEHRI AIRPORT	.28	.40	.44	.56	.64	.64	1.00	1.15

TABLE V - SUMMARY OF WINDSPEED RECORDS - OCTOBER 73

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	15	14	20	10	27	1130	3	0	0	0	5•0
TOBAGO												
CROWN POINT APT	13	18	10	9	16	32	0900	9	0	0	0	6•5
BARBADOS												
HUSBANDS CMI	12	15	10	11	09	36	0830	31	1	0	0	8•0
ANTIGUA												
COOLIDGE AIRPORT	16	23	24	28	17	40	2335	18	1	0	0	11•6
GUYANA												
EBINI	05	12	17	21	05	23	1415	28	0	0	0	3•5
GEORGETOWN BOT G	12	10	11	21	09	21	2125	20	0	0	0	5•2
KAMARANG	09	4	05	1	09	5	1720	1	0	0	0	2•2
TIMEHRI AIRPORT	06	14	14	12	07	28	1035	3	0	0	0	2•5

TABLE VI - SUMMARY OF SUNSHINE RECORDS — OCTOBER 73

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	48	55	58	59	66	56	49	49	38	27	5	0	166•7	44	10•8	28	2	7	7	10	5	0
PENAL AG STATION	0	5	32	55	59	60	53	56	54	43	20	20	4	0	144•1	39	10•7	16	2	8	10	10	1	0
PIARCO AIRPORT	0	15	50	56	65	58	63	61	53	48	52	54	10	0	181•4	49	11•0	28	2	6	8	7	8	0
ST AUGUSTINE UWI	0	14	56	66	72	59	61	55	57	54	54	48	16	0	190•0	51	11•1	26	1	7	6	9	8	0
TOBAGO																								
CROWN POINT APT	0	15	57	61	61	64	65	70	70	62	58	56	22	0	203•7	55	11•4	28	3	2	9	6	11	0
LOUIS D/OR	0	8	45	56	56	64	68	65	66	64	57	42	2	0	183•4	50	10•4	28	2	6	7	7	9	0
BARBADOS																								
HUSBANDS CMI	0	15	58	82	81	81	75	76	75	76	63	40	6	0	225•6	61	10•3	27	0	5	5	9	12	0
SEAWELL AIRPORT	0	13	65	82	84	87	75	75	77	83	69	59	17	0	243•9	66	11•0	29	0	3	6	6	16	0
DOMINICA																								
MELVILLE HALL AP	0	5	75	88	81	88	88	89	90	75	67	48	5	0	248•9	68	10•3	21	0	1	3	12	15	0
MONTSERRAT																								
GROVE	0	1	28	71	87	89	88	90	90	91	87	77	27	0	255•7	70	10•5	22	0	2	0	17	11	0
BR VIRGIN IS																								
PARAQUITO BAY	0	20	74	89	92	91	91	91	91	88	81	64	2	0	271•0	74	10•6	4	0	1	2	9	19	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS — OCTOBER 73

CONTINUED

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	7	59	75	79	84	77	71	60	46	35	22	6	0	192•4	53	10•4	30	0	0	0	0	0	0
FROME	0	2	62	74	77	78	75	67	53	49	34	34	9	0	190•5	52	9•5	31	0	0	0	0	0	0
N•MANLEY AIRPORT	0	16	47	48	63	72	68	70	63	53	48	30	12	0	183•0	50	10•4	29	2	3	8	9	4	0
D•SANGSTER APT	0	11	54	57	56	70	72	69	52	48	45	45	10	0	182•7	50	10•5	10	3	4	7	11	6	0
SMITHFIELD	0	27	66	60	70	75	69	48	32	19	17	16	7	0	157•0	43	10•1	10	3	4	13	7	4	0
CAYMAN ISLANDS																								
WEST BAY G C	0	8	49	69	69	74	66	63	58	65	58	51	13	0	199•2	55	10•4	21	2	6	3	7	13	0
BELIZE																								
BELIZE AIRPORT	0	11	29	43	52	59	65	67	64	58	58	47	15	0	173•8	49	10•1	20	2	5	8	11	5	0
GUYANA																								
CAMP JAGUAR	0	2	25	51	67	78	83	90	90	86	83	71	23	0	232•1	62	10•5	10	0	0	8	16	6	0
EBINI	0	3	38	62	75	83	81	77	77	62	57	45	10	0	207•7	56	10•1	10	0	3	10	12	6	0
FRIENDSHIP	0	13	53	72	89	85	75	74	64	58	49	39	8	0	210•7	57	10•8	31	0	1	10	17	3	0
GEORGETOWN BOT G	0	10	46	54	64	71	66	71	72	61	45	35	6	0	185•4	50	9•9	29	0	4	12	12	3	0
KAIETEUR FALLS	0	0	15	36	57	65	71	78	79	72	64	57	17	0	189•3	51	10•1	19	0	3	10	16	2	0
KAMARANG	0	0	19	42	40	58	76	74	80	69	69	49	15	0	183•4	49	9•3	3	0	3	10	16	2	0
MON REPOS	0	10	40	60	66	71	65	65	63	63	51	32	5	0	183•1	49	10•4	10	0	6	7	13	5	0
SKELDON FRONT	0	8	65	80	81	75	75	63	59	47	43	35	2	0	196•3	53	9•4	26	0	2	13	13	3	0

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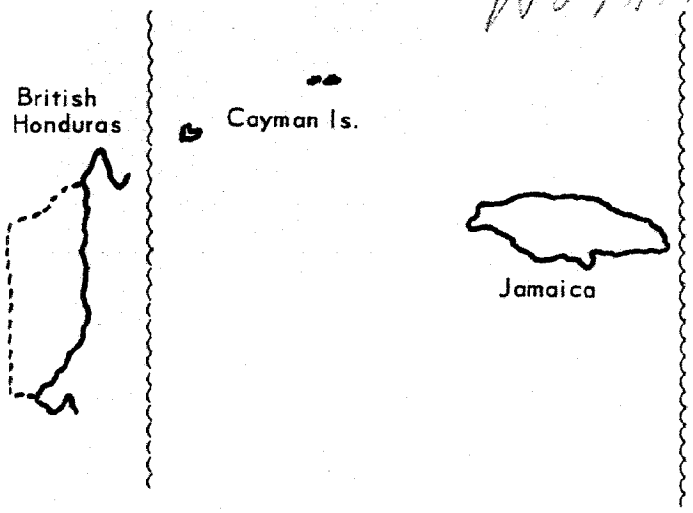

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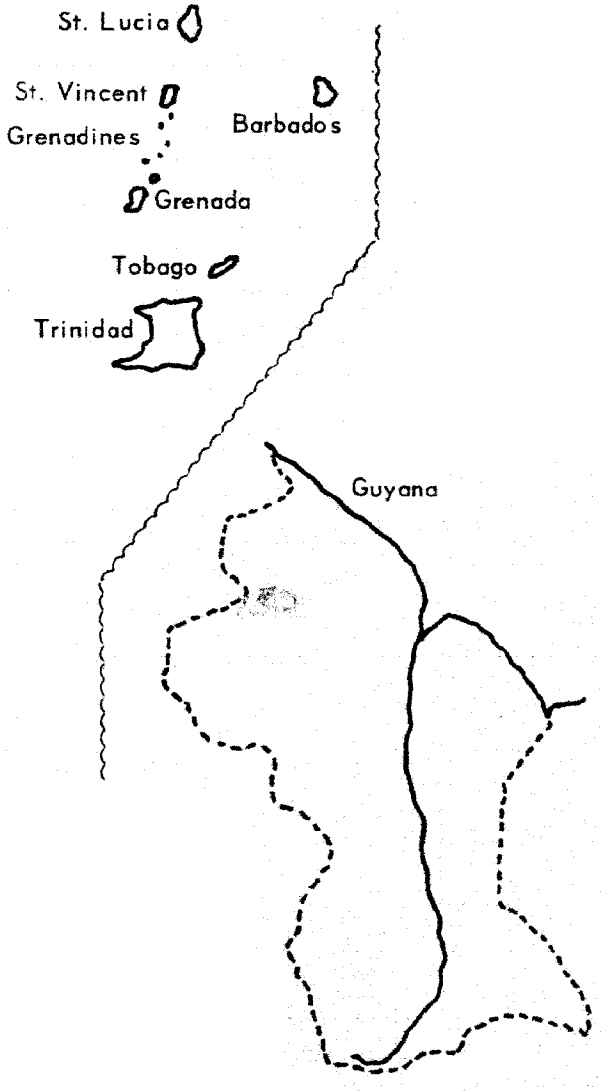

Monthly Weather Summary

November 1973

MONTHLY WEATHER SUMMARY

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

November 1973

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TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 73

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations 0	1,2	3-5	6-7	8	9	0-440	440-1,100	1,100-2,200	1½-2	2-3	3-5	5-10	10 or more
	ft	LST	°F	°F	mb	%	mb	kt															
TRINIDAD																							
CENTENO	50	08	77·7	75·4	29·0	90																	
PENAL AG STATION	25	08	79·3	75·8	29·1	85																	
PIARCO AIRPORT	41	02	74·4	73·1	27·3	94	1011·4	1·3	4·5	0	3	16	10	1	0	0	0	1	0	0	0	1	28
		08	77·7	75·1	28·5	88	1013·1	5·0	5·3	0	4	8	16	2	0	0	0	1	0	0	1	5	23
		14	84·6	76·4	27·4	67	1011·3	10·9	6·0	0	0	8	20	2	0	0	0	0	0	0	1	8	21
PIARCO AIRPORT	41	20	76·5	74·3	28·0	90	1012·1	3·5	5·1	0	5	10	12	3	0	0	0	0	0	0	1	2	27
ST AUGUSTINE UWI	52	09	81·3	76·4	28·9	79		7·7															
TOBAGO																							
CROWN POINT AIRP	9	02	76·8	74·2	27·8	88	1011·1	3·3	4·6	0	10	4	14	2	0	0	0	0	0	0	0	1	29
		08	80·1	75·9	28·7	82	1013·2	6·6	5·6	0	4	6	19	1	0	0	0	0	0	0	0	6	24
		14	82·5	77·3	29·6	78	1011·1	8·8	6·2	0	1	6	20	3	0	0	0	0	0	0	0	4	26
		20	77·6	74·6	28·0	87	1012·3	5·3	5·6	0	5	5	16	4	0	0	0	0	0	0	0	4	26
LOUIS D/OR	40	08	80·9	75·7	28·0	78		1·3															
BARBADOS																							
HUSBANDS CMI	370	08	79·5	74·3	26·6	77	1014·4	9·3	5·1	0	3	8	18	0	0	0	0	0	0	0	1	6	22
SEAWELL AIRPORT	183	02	77·7	74·1	27·2	84	1012·3	9·3	4·6	1	5	12	10	2	0	0	0	0	1	0	0	2	27
		08	80·5	75·0	27·3	77	1014·3	10·8	5·1	0	2	14	13	1	0	0	0	0	0	0	0	1	29
		14	82·1	75·6	27·3	73	1012·3	11·8	5·1	0	2	14	11	3	0	0	0	0	0	0	1	9	29
		20	78·9	74·4	27·1	80	1013·8	9·4	5·1	0	6	8	15	1	0	0	0	0	0	0	0	2	28
ST LUCIA																							
BEAUSEJOUR	75	08	81·4	74·8	26·5	72																	
HEWANORRA APT		08	80·9	74·8	26·8	74	1015·0	11·3	3·8	0	6	20	3	1	0	0	0	0	0	0	0	1	29
		14	83·1	75·8	25·5	66	1013·4	10·6	4·5	0	5	15	7	1	0	0	0	0	0	0	1	0	27
ROSEAU WINBAN		09	82·7	75·3	26·5	70																	
VIGIE AIRPORT	7	08	80·2	73·9	26·2	74	1015·2	8·5	2·9	0	18	5	6	0	0	0	0	0	0	0	0	0	29
		14	84·4	75·1	25·9	64	1013·4	12·5	4·2	0	6	17	7	0	0	0	0	0	0	0	0	0	30
DOMINICA																							
MELVILLE HALL AP	43	08	79·2	71·4	25·6	75	1014·1	8·7	4·6	0	4	14	10	1	0	0	0	0	0	1	1	12	15
		14	82·7	75·1	26·4	69	1012·4	10·8	4·6	0	3	17	9	1	0	0	0	1	1	0	0	5	23
MONTSERRAT																							
GROVE	150	08	79·4	75·0	27·8	81																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 73
(CONTINUED)

COUNTRY STATION	HEIGHT ABOVE MSL	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED	TOTAL CLOUD AMOUNT (eighths)							VISIBILITY (No. of Observations) (yards)			(miles)				
			DRY BULB	WET BULB	VAPOUR PRESS	REL HUM			MEAN AMT	Number of Observations						0-440	440-1,100	1,100-2,200	1/4 - 2	2 - 3	3 - 5	5 -10	10 or more
	ft	LST	°F	°F	mb	%	mb	kt		0	1,2	3-5	6-7	8	9								
ANTIGUA																							
COOLIDGE AIRPORT	26	02	77•4	73•4	26•3	82	1011•9	11•9	2•5	0	22	4	4	0	0	0	0	0	0	0	0	0	30
		08	79•6	74•4	26•5	77	1015•5	12•9	3•8	0	8	17	5	0	0	0	0	0	0	0	0	0	30
		14	82•7	75•7	27•3	76	1013•9	13•3	4•7	0	5	14	10	1	0	0	0	0	0	0	0	0	30
		20	78•4	73•6	26•3	79	1015•1	11•7	3•3	0	14	10	5	1	0	0	0	0	0	0	0	0	30
DUNBARS	220	09	82•0	73•8	25•0	67																	
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	73•9	73•6	25•8	75	1016•0	12•3	4•7	0	1	19	10	0	0	0	0	0	0	0	0	0	30
		14	82•4	75•1	26•5	70	1014•8	13•9	4•5	0	4	16	9	0	0	0	0	0	0	0	0	1	28
JAMAICA																							
ALLSIDES		07	67•6	65•6	20•6	90																	
BERNARD LODGE	55	07	75•0	72•4	26•0	88																	
BODLES	60	07	71•7	69•6	24•0	91																	
		13	85•5	76•2	26•9	65																	
CAENWOOD	50	08	78•4	74•6	27•6	83																	
CAENWOOD		16	82•0	76•9	29•4	79																	
CEDAR VALLEY	1980	07	67•8	66•2	21•2	91																	
		13	78•3	71•6	23•4	71																	
CINCHONA GARDENS	4897	07	61•7	58•8	15•7	84																	
		16	64•8	61•9	17•6	84																	
DALLAS	950	09	75•1	72•3	25•9	87																	
DUCKENFIELD	60	08	79•4	75•2	28•0	82																	
EAST ALBION NURS	90	07	77•8	71•8	24•0	74																	
		13	84•4	72•8	27•2	67																	
EMPIRE NURSERY	2130	07	72•4	67•8	21•2	78																	
EMPIRE NURSERY	2130	13	75•5	71•4	24•4	81																	
HALLS DELIGHT	3020	07	71•7	65•6	19•7	74																	
IRWIN	80	08	78•5	74•8	27•9	93																	
		15	83•6	74•1	29•1	74																	
KINGSTON ST GEO	90	07	74•1	70•9	24•4	85																	
KINGSTON ST GEO	90	13	84•9	76•7	27•8	68																	
N•MANLEY AIRPORT	9	01	78•8	73•3	26•0	77	1013•6	1•3	2•5	0	19	7	4	0	0	0	0	0	0	0	0	0	30
		07	78•4	72•9	25•5	77	1014•1	2•5	4•0	0	11	9	10	0	0	0	0	0	0	0	0	0	30
		13	86•6	75•8	26•5	61	1013•0	10•5	4•3	0	7	14	8	1	0	0	0	0	0	0	0	1	29
		19	81•1	74•1	26•2	72	1013•2	6•0	2•3	0	20	8	2	0	0	0	0	0	0	0	0	0	30

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 73

CONTINUED

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																							
MARSHALLS PEN	2300	07	68·0	66·2	21·2	91	1012·6	2·7	4·1	0	8	12	9	0	1								
		13	79·2	71·4	22·8	67	1012·5	5·6	5·4	1	1	7	21	0	0								
MASON RIVER FIEL	2300	07	67·2	66·0	21·3	94																	
		13	78·0	71·5	23·4	72																	
		19	71·3	67·9	21·8	83																	
MONYMUSK	30	07	77·3	73·2	26·1	82																	
MORANT POINT LH	6	01	81·3	76·6	29·4	81	1016·4	14·3	3·8	2	7	13	8	0	0	0	0	0	0	0	0	0	30
		07	80·8	76·5	29·3	82	1016·6	14·5	4·5	0	3	18	7	2	0	0	0	0	0	0	0	0	30
		13	83·2	77·4	29·6	76	1016·7	14·5	4·6	0	3	17	9	1	0	0	0	0	0	0	0	0	30
		19	81·5	76·7	29·3	80	1015·9	14·9	3·3	1	9	14	5	1	0	0	0	0	0	0	0	0	30
ORANGE RIVER	950	08	74·2	72·3	26·3	91																	
		16	77·7	75·5	29·2	90																	
D SANGSTER APT	3	01	76·5	71·2	24·1	77	1014·2	4·1	2·1	6	15	4	5	0	0	0	0	0	0	0	0	0	30
		07	76·0	70·9	24·0	78	1014·5	4·3	4·0	0	10	10	10	0	0	0	0	0	0	0	0	0	30
		13	84·8	75·1	26·1	64	1013·8	15·6	3·2	0	16	7	7	0	0	0	0	0	0	0	0	0	30
D SANGSTER APT	3	19	78·5	72·7	25·4	76	1013·9	4·8	2·5	0	20	7	3	0	0	0	0	0	0	0	0	0	30
SMITHFIELD	925	08	75·8	71·6	24·6	81																	
TOP MOUNTAIN	3550	07	66·0	63·0	18·3	84																	
		13	72·9	68·1	21·4	78																	
WORTHY PARK	1250	07	67·3	65·9	21·1	93																	
		15	78·7	72·0	23·8	71																	
CAYMAN ISLANDS																							
WEST BAY		09	83·2	75·9	27·2	70		6·5	2·8	0	16	10	4	0	0								
BELIZE																							
BELIZE AIRPORT	17	06	74·1	73·0	27·3	95	1014·5	3·1	6·2	0	1	7	19	3	0	0	0	0	2	0	0	3	9	16
		12	82·8	76·3	28·1	73	1015·9	9·2	5·2	0	3	13	12	2	0	0	0	0	0	0	0	2	28
		18	78·5	74·8	27·8	83	1013·8	3·8	5·3	0	4	7	17	2	0	0	0	0	0	0	0	4	26
GUYANA																							
BARTICA POTARO R	400	08	77·3	76·4	30·5	95																	
		14	88·7	77·7	27·5	60																	
CAMP JAGUAR		08	76·7	73·8	27·4	87																	
		14	86·9	76·5	26·4	60																	
EBINI	60	08	78·6	76·2	29·8	89	1012·2	4·3	6·0	0	3	1	26	0	0	0	0	0	1	0	0	28	1

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 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 (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
GUYANA																							
EBINI	60	14	87·9	77·3	27·3	61	1008·5	7·3	5·5	0	1	14	15	0	0	0	0	0	0	0	1	8	21
FRIENDSHIP		08	81·2	76·7	29·4	81																	
		14	83·2	75·2	28·0	72																	
GEORGETOWN BOT G	7	08	80·9	76·7	29·7	83	1012·8	5·1	5·7	0	2	11	10	7	0	0	0	0	0	0	1	12	17
		14	83·8	77·9	29·9	76	1010·9	7·0	5·5	0	3	13	9	5	0	0	0	0	0	0	0	11	19
ITABRU FALLS		08	78·0	76·2	30·0	92																	
		14	89·2	80·1	31·2	67																	
KAIETEUR FALLS		08	73·0	71·7	25·9	94																	
		14	81·4	74·4	25·9	71																	
KAMARANG		08	72·1	70·5	24·7	92	1015·7	0·0	6·6	0	0	3	26	1	0	0	0	0	0	0	0	1	29
KAMARANG		14	81·2	73·1	24·2	67	1011·9	2·3	6·1	0	0	4	25	1	0	0	0	0	0	0	0	0	30
LETHEM	270	08	81·0	74·9	26·8	74	1012·9	16·5	6·2	0	0	11	14	5	0	0	0	0	0	0	0	1	29
		14	90·4	76·7	25·3	52	1009·5	14·3	6·0	0	0	5	24	1	0	0	0	0	0	0	0	1	29
MABARUMA	185	08	77·1	75·5	29·3	92	1012·2	9·1	6·0	0	2	7	17	4	0	0	0	0	1	2	3	12	12
		14	80·9	76·5	29·2	81	1010·4	9·3	6·7	0	0	4	25	1	0	0	0	0	0	0	3	26	1
MAHAICONY ABARY	6	08	80·6	76·7	29·7	83																	
		14	83·9	77·8	29·7	75																	
MON REPOS		08	80·4	74·3	26·1	74																	
		14	84·2	75·4	26·2	66																	
NEW AMSTERDAM	3	08	83·1	77·6	29·9	77																	
NEW AMSTERDAM	3	14	88·2	79·0	29·6	65																	
PORT KAITUMA		08	76·7	75·5	29·6	94																	
		14	82·6	77·4	29·6	78																	
ST IGNATIUS		08	80·8	74·5	26·3	73																	
		14	87·4	76·0	25·6	58																	
SKELDON FRONT			80·9	77·8	31·0	86																	
TIBOKU SITE		08	76·6	75·0	28·9	92																	
		14	84·7	78·2	29·9	73																	
TIMEHRI AIRPORT	95	02	73·6	73·4	28·0	99	1010·3	0·6	4·5	2	7	8	9	4	0	0	0	0	0	1	0	14	15
		08	78·2	76·0	29·7	90	1012·4	2·5	5·7	0	5	5	16	4	0	0	0	0	0	0	1	11	18
TIMEHRI AIRPORT	95	14	83·8	77·2	29·0	73	1009·6	7·9	6·6	0	0	4	23	2	0	0	1	0	0	0	0	9	20
		20	75·7	74·8	29·1	96	1010·8	2·1	4·9	0	5	11	11	3	0	0	0	0	0	0	1	7	22

TABLE II - SUMMARY OF DAILY OBSERVATIONS NOVEMBER 73

COUNTRY STATION	RAINFALL (INCHES)						AIR TEMPERATURE F					MEAN GRASS MIN 0_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 $\frac{1}{2}(A+B)$	EXTREMES MAX	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	9·27	1·25	7	21	9	3	85·3	71·6	78·4	88	66		178·3				
PENAL AG STATION	10·03	1·26	22	18	10	2	85·6			89			143·5				
PIARCO AIRPORT	7·42	1·29	22	19	7	2	86·6	72·6	79·6	90	68		191·6				
ST AUGUSTINE UWI	6·51	1·19	6	18	6	2	86·7	70·9	78·8	89	66		192·4	2	0	0	0
TOBAGO																	
CROWN POINT APT	14·34	2·68	18	16	11	8	85·1	74·4	79·7	87	71	71·5	209·8				
LOUIS D/OR	11·24	1·41	23	21	11	3	84·8	75·6	80·2	87	71		223·8				
BARBADOS																	
HUSBANDS CMI	4·12	1·18	16	11	3	1	84·2	73·0	78·6	89	65		248·5				
SEAWELL AIRPORT	7·79	3·23	16	11	4	2	84·4	74·9	79·7	87	71		244·0				
ST LUCIA																	
BEAUSEJOUR	5·57	2·30	13	9	4	2	86·7	56·3	71·5	88	54		234·4				
HEWANORRA APT	6·50	3·79	15	9	4	1	85·1	75·7	80·4	87	71			1	0	0	0
ROSEAU WINBAN	7·44	1·92	16	13	5	4	85·4	71·8	78·6	88	63						
VIGIE AIRPORT	6·81	2·52	15	13	3	3	85·3	73·0	79·2	87	65						
DOMINICA																	
MELVILLE HALL AP	6·15	1·95	16	14	3	2	85·0	73·2	79·1	86	68		212·4				
MONTSERRAT																	
GROVE	3·84	1·02	8	12	2	1	84·7	72·2	78·4	87	69		247·2				
ANTIGUA																	
COOLIDGE AIRPORT	1·50	·35	24	8	0	0	85·0	75·2	80·1	87	71						
DUNBARS	2·84	·75	8	12	3	0	85·4	71·4	78·4	89	69						

TABLE II - SUMMARY OF DAILY OBSERVATIONS NOVEMBER 73
(CONTINUED)

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
BR VIRGIN IS																	
PARAQUITO BAY	1·45	·86	12	7	1	0	86·1	75·8	81·0	89	68		240·4				
JAMAICA																	
ALLSIDES	5·26	3·66	7	9	2	1	79·4	64·6	72·0	82	63						
BERNARD LODGE	2·03	·66	6	6	2	0	88·2	64·5	76·4	92	60		256·5				
BODLES	·45	·31	23	3	0	0		68·1			63		226·1				
CAENWOOD	12·25	2·07	8	21	10	5		73·1			68						
CEDAR VALLEY	6·07	2·00	11	10	5	3	82·2	62·9	72·5	84	60						
CINCHONA GARDENS	22·03	8·75	12	11	5	3	71·6	55·7	63·7	76	52						
DALLAS	2·82	1·41	12	6	3	1	84·3	65·4	74·9	87	61						
DUCKENFIELD	5·64	1·80	19	16	3	1	84·9	72·6	78·8	87	65		198·4				
EAST ALBION NURS	1·71	·99	19	5	2	0	87·1	72·2	79·7	90	70						
EMPIRE NURSERY	5·66	3·81	12	5	2	2		61·9			56						
FROME	2·55	1·86	1	4	2	1	89·7	68·7	79·2	92	65		220·9				
HALLS DELIGHT	13·44	5·11	12	8	3	3	78·0	62·2	70·1	82	59						
IRWIN	1·44	·65	11	5	2	0	89·0	69·5	79·3	92	63						
KINGSTON ST·GEO	2·50	·46	12	9	5	0	88·0	72·3	80·1	91	69						
N·MANLEY AIRPORT	·55	·18	9	4	0	0	88·3	73·1	80·7	91	70		233·6				
MARSHALLS PEN	1·09	·50	9	5	1	0	80·5	61·9	71·2	84	59	60·9					
MASON RIVER FIEL	1·47	·35	12	7	0	0	79·8	63·3	71·6	84	56						
MONYMUSK	·88	·40	21	7	1	0	89·5	66·1	77·8	93	61						
MORANT POINT LH	6·13	1·33	6	9	7	1	84·4	78·1	81·3	87	74						
ORANGE RIVER	3·49	·54	22	12	2	0	83·0	67·9	75·5	85	63						
D·SANGSTER APT	·97	·73	11	5	1	0	86·3	73·4	79·9	88	68		263·5				
SMITHFIELD	·98	·58	30	4	1	0	82·8	67·9	75·3	86	60		239·4				
TOP MOUNTAIN	5·73	4·00	14	6	4	1	76·4	60·5	68·5	81	57						
WORTHY PARK	2·62	1·50	9	5	3	1	83·2	60·0	71·6	86	56		202·7				

TABLE II - SUMMARY OF DAILY OBSERVATIONS NOVEMBER 73
(CONTINUED)

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
CAYMAN ISLANDS																	
WEST BAY	.57	.22	21	6	0	0	86.3	75.8	81.1	88	65		267.0				
BELIZE																	
BELIZE AIRPORT	8.32	1.44	13	16	8	3	84.2	73.0	78.6	88	65		197.4	3	2	0	0
GUYANA																	
APOTERI	1.17	.40	27	6	1	0											
BARTICA POTARO R	11.18	1.73	3	16	9	4	89.6	70.3	80.0	92	68						
CAMP JAGUAR	2.64	1.35	4	5	2	1	88.8	72.2	80.5	91	69	71.2	232.6				
DAWA	12.70	2.60	27	18	12	4											
EBINI	5.13	1.81	4	14	2	2	90.3	72.0	81.2	92	69	69.0	206.2	11	5	0	0
FRIENDSHIP	4.95	1.75	27	12	3	1	88.6	71.8	80.2	90	70		226.9				
GEORGETOWN BOT G	9.67	2.46	22	13	8	4	85.5	75.1	80.3	87	71	72.1	183.8	4	0	0	0
HOSORORO	18.25	3.30	28	22	16	5								8	0	0	0
ITABRU FALLS	3.75	1.12	27	8	4	1	91.0	73.4	82.2	93	70	72.0		3	5	0	0
KAIETEUR FALLS	8.97	1.56	6	18	9	3	82.4	71.4	76.9	86	68	70.3	183.9				
KAMARANG	5.37	.76	6	17	4	0	84.0	68.9	76.5	87	66	67.4	181.1	2	7	0	0
LETHEM	.36	.25	12	2	0	0	92.0	74.4	83.2	94	72			4	0	0	0
MABARUMA	13.59	1.82	7	22	14	3	85.7	72.6	79.2	90	67			9	2	0	0
MAHAICONY ABARY	7.62	2.66	27	12	3	3	85.6	74.8	80.2	88	72			1	0	0	0
MON REPOS	9.94	4.14	27	16	6	2	85.7	72.6	79.2	88	67		184.0				
NEW AMSTERDAM	.63	.16	7	6	0	0	89.5	75.2	82.4	91	74						
PLANTAIN ISLAND	5.84	1.75	12	11	4	1								21	19	0	0
PORT KAITUMA	12.43	2.04	28	20	12	4	86.2	72.1	79.2	91	65			5	0	0	0
ST IGNATIUS	.05	.05	27	1	0	0	92.5	76.5	84.5	95	73		245.4				
SKELDON FRONT	2.84	.65	7	8	4	0	87.4	74.5	81.0	89	70	72.4	221.0				
TIBOKU SITE	7.32	1.09	28	16	9	2	87.2	72.5	79.8	91	69	71.4	167.3				
TIMEHRI AIRPORT	8.12	1.78	12	17	8	2	87.2	72.1	79.6	90	68			5	3	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS NOVEMBER 73

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)			SOIL TEMPERATURES °F									TOTAL RADIATION (langleys)		
						At 2 inch Depth					At 4 inch Depth						
								EXTREMES					EXTREMES				
	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	27	50	4•08	•23	1												
PENAL AG STATION	29	68	4•48	•32	6												
PIARCO AIRPORT	77	113	5•37	•30	9												
ST AUGUSTINE UWI	84	124	3•27	•18	19												
TOBAGO																	
CROWN POINT APT	75	106	5•80	•29	9												
LOUIS D/OR	34	55	5•21	•28	15												
BARBADOS																	
HUSBANDS CMI	63	112	7•36	•42	10						87•4	76•9	95	65			
ST LUCIA																	
BEAUSEJOUR	222	362	8•06	•33	8												
MONTSERRAT																	
GROVE	140	256															
BR VIRGIN IS																	
PARAQUITO BAY	113	165	8•02	•35	3												
JAMAICA																	
ALLSIDES	134	225															
BERNARD LODGE			5•55	•35	5												
BODLES	53	134	5•06	•27	10										15775	641	314
EAST ALBION NURS	41	84	5•06	•23	14												
EMPIRE NURSERY	4	9	3•16M	•18	1												

TABLE III – SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS NOVEMBER 73

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																	
FROME			4•17	•26	1												
HALLS DELIGHT	35	80															
N•MANLEY AIRPORT	73	185	5•70	•31	26												
ORANGE RIVER	30	66													12528	504	291
D•SANGSTER APT	128	226															
SMITHFIELD	54	111	4•60	•41	10	84•9	71•6	89	3	68	81•8	74•1	85	71	12087	505	246
WORTHY PARK	46	120	3•97	•18	4												
CAYMAN ISLANDS																	
WEST BAY	136	220	6•08	•34	12	93•3	78•6	97	6	74					12835	509	305
GUYANA																	
APOTERI			6•04	•40	27												
CAMP JAGUAR			5•61	•24	8												
DAWA			5•10	•31	1												
EBINI	50	78	5•82	•27	4	85•3	80•1	87	1	78	85•0	82•2	86	81	12575	484	338
FRIENDSHIP	45	75	5•40	•27	14												
GEORGETOWN BOT G	45	79	4•71	•26	29										10544	464	146
ITABRU FALLS			4•49	•25	5												
KAIETEUR FALLS	37	54	5•19	•26	15												
KAMARANG	40	71	4•81	•24	15												
MAHAICONY ABARY	116	190	6•24	•28	24												
PLANTAIN ISLAND			4•23	•30	12												
TIBOKU SITE	26	54	3•98	•24	7												

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS NOVEMBER 73

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								
GENTENO	.20	.36	.44	.73	.82	.88	1.03	1.14
PENAL AG STATION	.30	.34	.44	.56	.77	1.19	1.19	1.19
PIARCO AIRPORT	.19	.28	.42	.54	.63	.65	.93	1.29
ST AUGUSTINE UWI		.30	.42	.42	.56	1.00	1.10	1.12
TOBAGO								
CROWN POINT APT	.20	.39	.59	.79	1.36	1.36	1.69	2.44
LOUIS D/OR	.20	.24	.32	.48	.72	1.10	1.18	1.37
BARBADOS								
HUSBANDS CMI	.26	.33	.41	.57	.62	.72	.76	.86
BR VIRGIN IS								
PARAQUITO BAY	.16	.22	.28	.44	.52	.64	.64	.65
ROAD TOWN	.18	.36	.38	.53	.58	.59	.59	.69
JAMAICA								
N MANLEY AIRPORT	.07	.09	.10	.14	.14	.14	.14	.16
D-SANGSTER APT	.29	.58	.60	.64	.73	.73	.73	.73
SMITHFIELD	.11	.22	.24	.26	.26	.26	.26	.26
CAYMAN ISLANDS								
WEST BAY	.06	.07	.07	.07	.12	.12	.18	.18
GUYANA								
APAIKWA	.60	.88	1.03	1.35	1.40	1.41	1.44	1.44
APOTERI	.12	.24	.27	.34	.38	.40	.40	.40
BARTICA DEM. STA	.50	.50	.50	.51	.51	.51	.71	.75
CAMP JAGUAR	.24	.38	.50	.83	1.09	1.15	1.35	1.35
COOPERS LANDING	.29	.41	.61	.67	.69	.77	1.12	1.30
DAWA	.32	.64	.68	.86	.96	1.25	1.30	1.54
EBINI	.28	.42	.64	1.12	1.52	1.77	1.77	1.79
FRIENDSHIP	.24	.35	.42	.58	1.02	1.34	1.74	1.75
GEORGETOWN BOT G	.40	.77	1.01	1.44	1.82	2.05	2.42	2.46
GREAT FALLS	.25	.32	.40	.60	.87	.91	1.06	1.22
ITABRU FALLS	.35	.39	.54	.59	.60	.66	.77	1.10
KAIETEUR FALLS	.32	.46	.54	.75	1.08	1.09	1.50	1.54
KAMARANG	.16	.28	.31	.34	.47	.62	.68	.68
KERAHA LDG	.33	.37	.46	.56	.58	.63	.92	.93
LETHEM	.16	.22	.23	.25	.25	.25	.25	.25
MACKENZIE	.24	.40	.58	.82	1.44	2.05	2.11	2.12
MAHAICONY ABARY	.21	.37	.40	.78	1.30	1.56	1.84	2.40
NEW AMSTERDAM	.02	.03	.04	.04	.06	.09	.13	.16
PLANTAIN ISLAND	.58	.80	.86	1.47	1.56	1.74	1.75	1.75
ST IGNATIUS	.02	.03	.04	.05	.05	.05	.05	.05
SKELDON FRONT	.24	.35	.36	.52	.64	.64	.64	.64
TIMEHRI AIRPORT	.36	.56	.62	.68	.79	1.14	1.78	1.78

TABLE V - SUMMARY OF WINDSPEED RECORDS - NOVEMBER 73

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	07	15	12	26	07	33	1225	26	0	0	0	5•4
TOBAGO												
CROWN POINT APT	11	14	13	2	12	21	1955	6	0	0	0	5•7
BARBADOS												
HUSBANDS CMI	10	15	13	10	09	25	1243	6	0	0	0	6•5
ANTIGUA												
COOLIDGE AIRPORT	09	21	05	9	11	35	0935	9	1	0	0	12•7
GUYANA												
EBINI	03	13	16	26	03	20	1100	26	0	0	0	4•0
GEORGETOWN BOT G	06	11	18	8	03	24	0735	26	0	0	0	4•7
KAMARANG	05	4	17	9	09	5	1305	9	0	0	0	•9
TIMEHRI AIRPORT	05	14	15	25	04	23	1335	6	0	0	0	4•0

TABLE VI - SUMMARY OF SUNSHINE RECORDS NOVEMBER 73

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	17	54	55	59	61	67	74	68	51	47	38	7	0	178•3	51	10•9	16	1	6	8	6	9	0
PENAL AG STATION	0	22	57	64	66	60	50	43	42	30	30	13	0	0	143•5	41	9•4	28	1	10	8	9	2	0
PIARCO AIRPORT	0	17	58	59	61	64	69	73	75	62	50	45	10	0	191•6	55	10•8	1	0	7	5	7	11	0
ST AUGUSTINE UWI	0	18	73	74	65	72	69	65	65	52	46	33	10	0	192•4	54	10•3	18	0	4	7	11	8	0
TOBAGO																								
CROWN POINT APT	0	13	50	73	76	75	80	78	69	56	62	49	16	0	209•8	60	10•7	15	0	4	6	10	10	0
LOUIS D/OR	0	16	62	68	80	85	85	86	73	74	67	49	0	0	223•8	64	10•3	29	0	3	1	19	7	0
BARBADOS																								
HUSBANDS CMI	0	29	70	78	80	89	90	87	84	82	72	56	11	0	248•5	72	10•9	19	1	0	4	9	15	0
SEAWELL AIRPORT	0	15	60	79	91	94	89	86	84	80	79	51	11	0	244•0	71	10•8	18	0	2	2	12	14	0
DOMINICA																								
MELVILLE HALL AP	0	1	60	72	76	84	85	82	78	74	62	32	2	0	212•4	64	9•9	5	0	1	8	11	9	0
MONTSERRAT																								
GROVE	0	4	41	70	85	89	90	88	91	87	82	74	26	0	247•2	73	10•3	17	0	1	2	16	9	0
BR VIRGIN IS																								
PARAQUITO BAY	0	18	67	79	87	93	86	84	79	69	87	52	0	0	240•4	71	10	1	7	0	0	3	11	9	0

TABLE VI – SUMMARY OF SUNSHINE RECORDS **NOVEMBER 73**

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	10	74	86	86	85	83	76	74	71	61	44	3	0	226·1	67	10·1	14	0	3	2	16	9	0
FROME	0	4	41	15	80	81	83	82	80	82	77	66	2	0	220·9	65	10·3	10	0	1	3	16	8	0
N·MANLEY AIRPORT	0	10	78	82	87	89	80	87	79	71	68	49	4	0	233·6	69	10·3	14	0	1	5	14	9	0
D·SANGSTER APT	0	17	28	98	58	99	49	88	96	90	81	66	16	0	263·5	78	10·3	17	0	0	3	11	16	0
SMITHFIELD	0	12	71	70	84	90	92	93	86	71	66	53	6	0	239·4	70	10·4	6	0	1	2	18	9	0
CAYMAN ISLANDS																								
WEST BAY G C	0	11	71	88	94	95	96	95	89	86	82	69	14	0	267·0	79	10·2	19	0	0	2	9	19	0
BELIZE																								
BELIZE AIRPORT	0	9	47	54	64	72	70	67	76	75	64	48	12	0	197·4	58	10·6	24	1	4	8	10	7	0
GUYANA																								
CAMP JAGUAR	0	4	43	60	77	80	85	84	83	84	78	68	30	0	232·6	64	10·8	1	0	1	4	15	10	0
EBINI	0	8	42	54	73	80	83	79	81	69	58	46	14	0	206·2	58	9·7	21	0	1	12	13	4	0
FRIENDSHIP	0	15	61	73	81	86	79	80	72	73	70	52	15	0	226·9	64	10·8	20	0	2	5	13	10	0
GEORGETOWN BOT G	0	1	47	59	57	67	70	71	70	63	59	42	8	0	183·8	52	10·4	18	0	6	7	10	7	0
KAIETEUR FALLS	0	1	16	32	46	66	74	79	80	75	74	53	18	0	183·9	51	9·5	15	0	5	8	15	2	0
KAMARANG	0	2	26	40	53	56	69	74	78	72	68	56	9	0	181·1	51	9·6	21	0	4	12	11	3	0
MON REPOS	0	13	43	59	59	65	68	69	67	63	61	39	7	0	184·0	52	10·9	21	0	7	4	12	7	0
ST IGNATIUS	0	28	60	80	84	89	90	81	77	80	66	62	21	0	245·4	68	11·0	14	0	0	5	12	12	0
SKELDON FRONT	0	21	69	75	75	77	77	76	71	71	62	53	9	0	221·0	62	10·7	20	0	2	7	11	10	0
TIBOKU SITE	0	1	27	47	53	56	59	59	61	72	61	43	17	0	167·3	47	9·4	5	1	7	4	15	3	0

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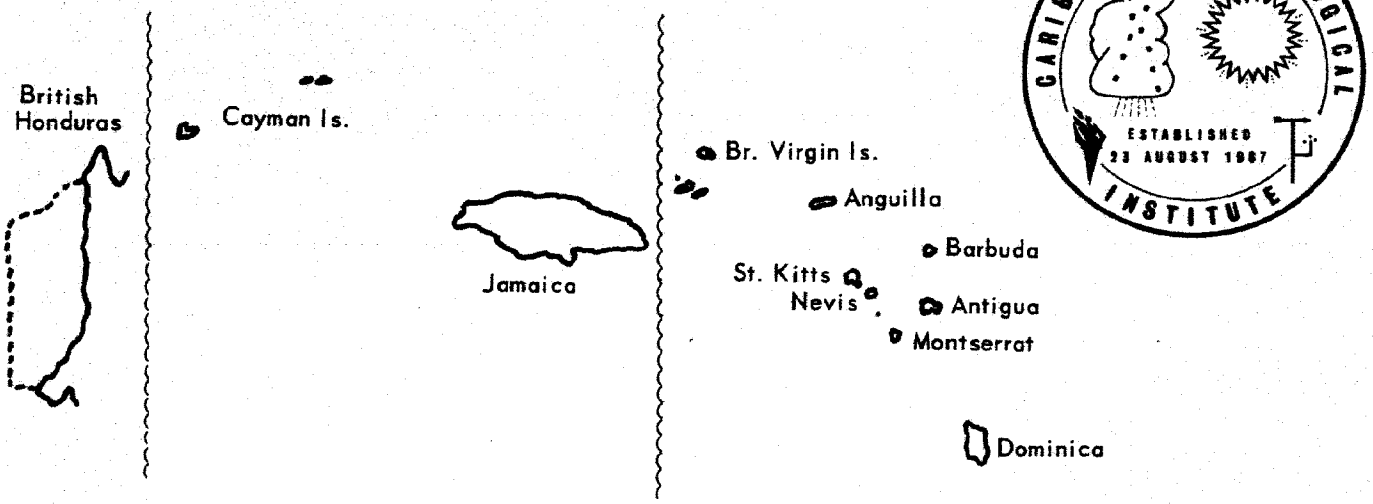

CARIBBEAN METEOROLOGICAL INSTITUTE
ESTABLISHED 23 AUGUST 1967

Monthly Weather Summary

December 1973

MONTHLY WEATHER SUMMARY

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

December 1973

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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS **DECEMBER 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 (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: ¼-1	1-2	2-3	3-5	5-10	10 or more
TRINIDAD																								
CENTENO	50	08	75•4	73•0	26•6	89																		
PENAL AG STATION	25	08	76•3	74•4	27•7	90																		
PIARCO AIRPORT	41	02	71•6	69•9	24•2	92	1012•6	1•8	3•8	1	11	8	8	3	0	0	0	0	0	0	0	2	29
		08	74•8	72•0	25•6	87	1013•8	1•9	5•0	0	7	8	15	1	0	0	0	0	0	2	1	1	27
		14	83•1	74•0	24•6	64	1012•3	9•3	5•8	0	1	9	20	1	0	0	0	0	0	1	3	2	25
PIARCO AIRPORT	41	20	75•1	71•8	25•1	85	1012•9	2•1	4•4	2	7	7	12	3	0	0	0	0	0	0	1	3	27
ST AUGUSTINE UWI	52	09	79•1	74•6	27•3	81		7•1																
TOBAGO																								
CROWN POINT AIRP	9	02	75•0	71•5	24•7	83	1012•3	3•9	3•6	1	11	8	10	1	0	0	0	0	0	0	0	1	30
		08	78•9	73•6	25•9	77	1014•0	5•5	4•8	0	8	5	16	1	0	0	0	0	0	0	0	1	29
		14	80•8	74•5	26•3	73	1012•3	9•0	5•2	0	5	9	13	3	0	0	1	0	0	0	1	2	26
		20	75•8	71•9	25•0	83	1013•0	4•3	4•3	1	9	8	10	3	0	0	0	0	0	0	0	0	31
LOUIS D/OR	40	08	78•7	73•2	25•4	76		1•1																
BARBADOS																								
HUSBANDS CMI	370	08	77•6	72•8	25•4	79	1015•1	6•2	4•0	0	11	9	11	0	0	0	0	0	0	0	0	3	28
SEAWELL AIRPORT	183	02	75•3	70•8	24•2	81	1013•2	7•4	3•9	0	10	14	6	1	0	0	0	0	0	0	0	0	31
		08	77•9	72•1	25•2	77	1014•8	9•2	4•5	0	9	8	14	0	0	0	0	0	0	0	0	0	31
		14	80•6	73•2	24•8	69	1013•2	11•0	5•5	0	5	6	19	1	0	0	0	0	0	0	1	0	30
		20	75•6	71•2	24•3	80	1014•2	7•8	4•3	0	9	11	9	2	0	0	0	0	0	0	1	0	30
ST LUCIA																								
ROSEAU WINBAN		09	79•7	73•3	25•2	73																		
VIGIE AIRPORT	7	08	77•0	72•4	25•8	81	1015•3	6•3	3•8	0	10	6	10	0	0	0	0	0	0	0	0	0	26
DOMINICA																								
MELVILLE HALL AP	43	08	75•3	71•3	24•3	81	1014•9	8•4	5•0	0	3	14	12	1	0	0	0	0	0	2	2	13	13
		14	80•6	73•4	25•0	70	1013•4	11•7	5•0	0	2	18	10	1	0	0	0	0	0	0	2	5	24
ANTIGUA																								
COOLIDGE AIRPORT	26	02	74•9	70•5	23•4	79	1015•0	11•4	2•8	0	16	12	3	0	0	0	0	0	0	0	0	0	31
		08	76•4	71•2	23•8	77	1016•2	11•5	3•8	0	12	9	10	0	0	0	0	0	0	0	0	0	31
		14	80•3	72•8	24•3	69	1014•8	12•5	4•3	0	7	15	9	0	0	0	0	0	0	0	0	0	31
		20	75•8	70•9	23•7	78	1015•8	11•6	2•9	0	16	12	3	0	0	0	0	0	0	0	0	0	31

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 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: ¼–2	2–3	3–5	5–10	10 or more
ST KITTS NEVIS																							
GOLDEN ROCK APT		08	75·5	70·8	23·5	78	1017·1	11·8	4·6	0	5	16	8	2	0	0	0	0	0	0	2	0	29
		14	79·3	72·4	24·1	70	1015·7	13·6	5·0	0	1	17	12	1	0	0	0	0	0	0	0	0	31
JAMAICA																							
ALLSIDES		07	65·7	64·4	19·8	92																	
BERNARD LODGE	55	07	73·2	69·7	23·3	84																	
BODLES	60	07	67·3	65·8	21·4	94																	
		13	82·9	73·4	24·2	63																	
CAENWOOD	50	08	75·7	72·3	25·6	84																	
CAENWOOD		16	81·0	76·2	28·9	80																	
CEDAR VALLEY	1980	07	65·1	63·9	19·4	92																	
		13	76·4	69·4	21·5	69																	
CINCHONA GARDENS	4897	07	58·5	56·0	14·2	85																	
		16	62·1	60·2	16·9	89																	
DUCKENFIELD	60	08	75·6	71·5	24·6	81																	
EAST ALBION NURS	90	07	72·8	67·2	20·4	74																	
		13	84·1	73·8	23·8	60																	
EMPIRE NURSERY	2130	07	70·5	60·6	14·2	57																	
		13	74·3	67·5	20·1	70																	
HALLS DELIGHT	3020	07	70·7	64·1	17·6	69																	
IRWIN	80	08	74·8	71·6	25·1	85																	
		15	80·4	74·2	26·2	74																	
KINGSTON ST. GEO	90	07	70·3	67·0	21·1	83																	
		13	82·9	74·1	24·7	64																	
N·MANLEY AIRPORT	9	01	75·3	70·3	23·5	79	1015·0	2·1	2·4	4	19	1	7	0	0	0	0	0	0	0	0	1	30
		07	74·8	69·7	22·9	78	1015·2	1·7	2·7	0	19	6	6	0	0	0	0	0	0	0	0	0	31
		13	83·7	73·6	24·3	62	1014·4	7·9	3·5	0	16	4	11	0	0	0	0	0	0	0	0	0	31
		19	78·4	71·9	24·3	73	1014·4	6·0	3·4	0	16	5	7	3	0	0	0	0	0	0	0	0	31
MARSHALLS PEN	2300	07	62·9	61·9	18·5	94	1014·3	2·4	3·0	11	7	4	3	0	6								

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 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 (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—2	2—3	3—5	5—10	10 or more
JAMAICA																							
MARSHALLS PEN	2300	13	75•7	67•5	19•1	63	1013•0	4•0	5•1	0	5	9	12	0	4								
MASON RIVER FIEL	2300	07	63•1	62•4	18•9	96		7•2															
		13	74•1	68•8	21•8	76		8•1															
		19	66•9	65•8	21•1	94		7•0															
MONYMUSK	30	07	72•7	69•1	22•7	83																	
MORANT POINT LH	6	01	78•0	74•7	27•9	85	1017•5	13•9	4•0	1	10	11	8	1	0	0	0	0	0	0	0	0	31
		07	76•8	74•1	27•7	88	1017•2	12•9	4•4	0	8	11	12	0	0	0	0	0	0	0	0	0	31
		13	80•4	76•5	29•4	83	1017•6	13•6	5•0	0	5	11	12	3	0	0	0	0	0	0	0	0	31
		19	78•7	75•3	28•5	85	1016•7	13•7	3•7	1	13	6	8	3	0	0	0	0	0	0	0	0	31
ORANGE RIVER	950	08	69•8	68•3	23•0	92																	
ORANGE RIVER	950	16	74•6	72•4	26•2	90																	
D. SANGSTER APT	3	01	72•8	67•5	21•0	75	1015•6	4•7	3•5	1	14	5	9	2	0	0	0	0	0	0	0	1	30
		07	71•8	66•7	20•8	78	1015•6	5•4	3•6	0	14	6	11	0	0	0	0	0	0	0	0	0	31
		13	80•4	71•0	22•4	63	1015•1	15•1	3•6	0	16	4	8	3	0	0	0	0	0	0	0	1	30
		19	75•2	69•1	22•1	74	1015•1	7•4	4•3	1	11	4	13	2	0	0	0	0	0	0	0	1	30
SMITHFIELD	925	08	72•1	68•3	21•6	80																	
TOP MOUNTAIN	3550	07	63•1	59•6	15•8	80																	
		13	69•5	65•5	19•8	80																	
WORTHY PARK	1250	07	63•4	62•2	18•8	94																	
		15	75•1	70•0	22•7	76																	
CAYMAN ISLANDS																							
WEST BAY		09	78•8	71•0	22•2	66																	
BELIZE																							
BELIZE AIRPORT	17	06	65•6	64•6	20•0	96	1016•7	2•8	4•8	0	9	8	8	2	3	3	0	1	0	0	0	12	14
		12	75•6	67•5	20•8	69	1017•1	8•4	4•7	0	4	11	15	0	0	0	0	0	0	0	0	1	29
GUYANA																							
BARTICA POTARO R	400	08	77•1	76•2	30•3	95																	
		14	88•8	77•4	27•0	58																	
CAMP JAGUAR		08	74•6	72•8	26•7	91																	
		14	83•3	76•0	27•5	71																	
FRIENDSHIP		08	75•9	74•7	28•7	94																	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 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 (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	1,101-2,200	miles: 1/4-1/2	1/2-1	1-2	2-3	3-5	5-10	10 or more
GUYANA																									
FRIENDSHIP		14	82·0	76·1	28·2	76																			
GEORGETOWN BOT G	7	08	78·1	75·1	28·4	87	1013·3	3·5	6·5	0	1	6	15	9	0	0	0	0	0	0	0	22	9
		14	80·1	75·8	28·6	82	1011·9	6·1	6·6	0	0	4	19	8	0	0	0	0	0	0	0	25	6
GREAT FALLS		08	74·6	73·5	27·6	95																			
		14	83·0	77·6	29·9	78																			
ITABRU FALLS		08	75·6	74·4	28·5	94																			
		14	85·4	79·0	31·0	75																			
KAMARANG		08	70·9	69·2	23·6	91	1016·1	0·0	6·8	0	0	5	17	6	0	0	0	0	0	0	0	7	21
		14	79·5	72·6	24·2	70	1013·3	0·5	6·0	0	0	7	20	1	0	0	0	0	0	0	0	1	27
LETHEM	270	08	78·4	74·2	26·7	80	1013·3	12·0	6·0	1	9	10	8	3	0	0	0	0	0	0	0	2	29
LETHEM	270	14	87·7	76·0	25·5	57	1011·8	11·8	5·9	0	0	7	23	1	0	0	0	0	0	0	0	0	31
MABARUMA	185	08	73·9	73·0	27·3	95	1012·8	4·4	6·3	0	2	5	17	7	0	0	0	0	1	0	11	18	1
		14	80·3	75·4	27·9	79	1011·1	7·7	6·7	0	0	5	21	5	0	0	0	0	0	1	7	21	2
MAHAICONY ABARY	6	08	77·4	74·8	28·2	88																			
		14	78·1	73·8	28·0	85																			
MAZARUNI PRISON	47	08	76·4	74·5	28·3	91																			
		14	76·9	75·0	28·7	91																			
MON REPOS		08	76·9	72·6	23·4	74																			
		14	80·6	74·2	26·0	73																			
NEW AMSTERDAM	3	08	78·3	75·5	28·9	87																			
NEW AMSTERDAM	3	14	83·2	76·9	28·7	74																			
PORT KAITUMA		08	74·2	73·3	27·6	95																			
		14	80·4	76·5	29·4	83																			
ST IGNATIUS		08	78·1	73·4	25·9	79																			
		14	87·5	75·5	24·9	56																			
TIBOKU SITE		08	74·6	73·5	27·6	95																			
		14	82·0	76·6	28·8	77																			
TIMEHRI AIRPORT	95	02	73·0	72·9	27·6	99	1011·1	1·3	5·4	1	4	6	13	6	0	1	0	0	0	0	4	16	9
		08	75·1	74·1	28·3	95	1012·8	1·8	6·5	0	1	4	19	7	0	0	0	0	1	0	1	18	11
		14	81·3	75·8	28·0	77	1010·5	7·7	6·8	0	0	1	24	6	0	0	0	0	0	0	1	14	16
		20	74·6	74·1	28·4	97	1011·5	1·8	5·6	0	4	7	15	5	0	0	0	0	0	0	1	12	18

TABLE II SUMMARY OF DAILY OBSERVATIONS DECEMBER 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	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
TRINIDAD																	
CENTENO	6•43	2•42	5	10	4	2	84•5	67•7	76•1	87	63		190•0				
PENAL AG STATION	5•99	2•63	5	13	3	2	84•5	68•2	76•3	88	64		177•9				
PIARCO AIRPORT	6•10	1•88	5	9	5	2	85•4	69•3	77•4	88	66	66•7	200•0				
ST AUGUSTINE UWI	8•05	2•37	5	11	6	3	84•7	69•3	77•0	87	63		202•4				
TOBAGO																	
CROWN POINT APT	7•00	2•21	5	10	5	2	83•3	72•6	77•9	87	68	67•4	216•1				
LOUIS D/OR	11•00	3•76	5	13	7	3	82•9	72•7	77•8	84	66		222•2				
BARBADOS																	
HUSBANDS CMI	1•75	•34	26	10	0	0	83•9	70•1	77•0	89	62		257•2				
SEAWELL AIRPORT	1•28	•74	5	5	1	0	82•8	70•1	76•5	84	66		250•1				
ST LUCIA																	
BEAUSEJOUR	4•97	2•78	6	14	2	1	83•2			87			221•0				
ROSEAU WINBAN	5•14	2•04	6	12	4	1	83•9	67•7	75•8	87	63		257•0				
VIGIE AIRPORT	2•97	1•42	6	13	1	1	82•7	71•6	77•0	85	66						
DOMINICA																	
MELVILLE HALL AP	4•60	•63	26	23	3	0	82•6	70•0	76•3	85	65		172•6				
ANTIGUA																	
COOLIDGE AIRPORT	1•62	•57	15	8	2	0	81•9	72•2	77•0	83	65						
DUNBARS	•73	•28	16	4	0	0	84•1	68•5	76•3	86	67						
BR VIRGIN IS																	
PARAQUITO BAY	2•84	•55	3	11	3	0	82•5	71•5	77•0	86	66		239•7				

TABLE II SUMMARY OF DAILY OBSERVATIONS DECEMBER 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	EXTREMES MIN			THUNDER	FOG	HAIL	GALE
JAMAICA																	
ALLSIDES	3·38	·78	18	10	3	0	76·3	61·4	68·8	80	58						
BERNARD LODGE	8·15	3·75	15	6	4	2	86·6	65·8	76·2	88	61		231·0				
BODLES	5·86	3·32	16	7	3	2		63·1			50		238·6				
CAENWOOD	13·40	2·90	19	16	10	5		72·5			68						
CEDAR VALLEY	6·78	2·00	18	12	5	3		60·0			54						
CINCHONA GARDENS	14·12	6·15	18	14	7	4	66·7	52·9	59·8	70	46						
DUCKENFIELD	9·30	1·30	15	15	9	4	81·9	69·9	75·9	85	65		177·0				
EAST ALBION NURS	6·16	2·65	15	9	4	2	85·4	69·0	77·2	88	66						
EMPIRE NURSERY	4·37	2·59	15	9	3	1	79·1	58·2	68·7	84	52						
FROME	3·15	·98	10	8	3	0		65·5			57		219·5				
HALLS DELIGHT	8·47	2·80	18	12	4	3	75·7	59·1	67·4	80	54						
IRWIN	12·98	8·35	2	10	6	1	85·9	65·7	75·8	92	58						
KINGSTON ST·GEO	4·00	1·90	6	5	2	2	85·2	69·1	77·1	88	65						
N·MANLEY AIRPORT	3·87	1·99	16	5	2	2	85·7	71·4	78·6	90	68		224·5				
MARSHALLS PEN	2·53	1·13	16	8	3	1	77·5	58·2	67·8	82	51	56·2		2	0	0	0
MASON RIVER FIEL	5·75	1·70	18	14	4	2	76·8	59·5	68·2	81	48						
MONYMUSK	6·30	2·39	22	10	4	2	86·4	62·4	74·4	91	55						
MORANT POINT LH	9·99	2·38	22	14	9	5	81·7	73·7	77·7	84	63						
ORANGE RIVER	15·29	5·97	18	16	9	4	79·3	65·5	72·4	83	61						
O·SANGSTER APT	7·41	5·02	18	7	4	2	82·5	70·2	76·3	87	63		216·2	2	0	0	0
SMITHFIELD	9·58	3·27	18	11	7	3	80·0	63·8	71·9	89	59		193·6				
TOP MOUNTAIN	9·12	3·05	19	8	5	4	72·9	56·6	64·8	78	51						
WORTHY PARK	6·84	2·83	16	12	6	2	80·7	58·3	69·5	84	50		184·6				
CAYMAN ISLANDS																	
WEST BAY	6·83	3·35	20	7	2	2	82·4	70·6	75·5	87	59		237·0				
BELIZE																	
BELIZE AIRPORT	2·91	2·04	6	3	2	1	80·5	64·7	72·6	86	54		224·5	1	3	0	0

TABLE II SUMMARY OF DAILY OBSERVATIONS DECEMBER 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			MEAN MAX A	MEAN MIN B	MEAN ½(A+B)	EXTREMES				THUNDER	FOG	HAIL	GALE
				.01	.40	1.00				MAX	MIN						
GUYANA																	
APOTERI	2•28	•62	16	15	1	0											
BARTICA POTARO R	9•35	2•34	17	16	6	3	89•9	70•1	80•0	92	67						
CAMP JAGUAR	6•14	3•21	10	13	3	1	85•3	71•7	78•5	90	69	70•6	181•2	1	2	0	0
DAWA	39•48	2•90	2	29	20	15											
FRIENDSHIP	16•05	3•10	29	24	13	4	85•9	71•5	78•7	88	70		156•7				
GEORGETOWN BOT G	28•16	3•21	11	26	20	12	82•5	73•6	78•0	86	70	71•7	112•4	11	0	0	0
GREAT FALLS	12•95	2•46	3	26	11	2	84•9	71•4	78•2	88	73	68•9		15	26	0	0
HOSORORO	22•74	5•28	2	26	13	5											
ITABRU FALLS	6•29	1•25	8	21	4	2	88•4	72•7	80•5	91	70	71•5		6	0	0	0
KAMARANG	15•17	3•95	11	22	9	6	81•6	67•6	74•6	86	65	60•5	104•9	3	6	0	0
LETHEM	1•75	1•06	14	3	2	1	89•4	73•2	81•5	93	71			1	0	0	0
MABARUMA	32•12	4•96	2	25	17	11	85•5	71•0	77•3	87	68			2	4	0	0
MAHAICONY ABARY	20•81	3•37	3	25	15	5	83•2	73•6	78•4	87	72			7	0	0	0
MAZARUNI PRISON	24•00	3•25	27	19	18	11	85•1	74•6	79•9	88	72			0	12	0	0
MON REPOS	25•40	3•15	11	26	18	7	82•8	70•8	76•8	86	62		113•0				
NEW AMSTERDAM	18•24	4•29	11	25	12	8	84•7	73•0	78•9	87	72						
PLANTAIN ISLAND	9•92	2•60	11	22	9	1								30	22	0	0
PORT KAITUMA	16•24	1•89	29	24	15	5	84•6	69•5	77•1	89	64						
ST IGNATIUS	3•55	2•48	11	4	2	1	91•3	74•6	82•9	95	72		232•1				
TIBOKU SITE	18•15	1•96	11	27	18	5	85•2	71•2	78•2	89	70	70•4	113•1	19	8	0	0
TIMEHRI AIRPORT	28•34	3•60	11	27	16	12	84•2	71•6	77•9	89	70			10	7	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS DECEMBER 73

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	23	67	4•63	•25	31												
PENAL AG STATION	24	45	3•98	•23	13												
PIARCO AIRPORT	59	103	6•54M	•45	22												
ST AUGUSTINE UWI	84	154	3•40	•18	4										10782	517	138
TOBAGO																	
CROWN POINT APT	64	95	6•48	•42	6												
LOUIS D/OR	26	51	5•49	•28	31												
BARBADOS																	
HUSBANDS CMI	32	82	6•21	•34	9	85•3	73•9	94	1	72	84•7	74•9	94	72			
ST LUCIA																	
BEAUSEJOUR	180	410	8•20	•39	31												
BR VIRGIN IS																	
PARAQUITO BAY	121	185	7•02	•40	6										11007	448	237
JAMAICA																	
ALLSIDES	125	228															
BERNARD LODGE			4•35	•20	7												
BODLES	57	124	4•85	•25	19										15718	587	365
EAST ALBION NURS	51	87	5•46	•26	19												
EMPIRE NURSERY	5	15	3•26	•35	23												

TABLE III–SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS DECEMBER 73

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																	
HALLS DELIGHT	35	120															
N•MANLEY AIRPORT	81	170															
ORANGE RIVER	29	56															
D•SANGSTER APT	123	208													11409	503	78
SMITHFIELD	58	139	4•27M	•51	18	79•7	67•1	85	6	63	78•0	70•1	87	66	10430	500	52
WORTHY PARK	41	106	3•20	•15	14												
CAYMAN ISLANDS																	
WEST BAY	126	225	6•16	•43	20	86•9	72•2	95	5	64					11528	615	69
GUYANA																	
APOTERI			4•22	•36	24												
CAMP JAGUAR			4•33	•20	25												
FRIENDSHIP	35	53	4•69	•34	18												
GEORGETOWN BOT G	34	85	4•24	•29	1										8282	446	35
GREAT FALLS			3•64	•39	12												
ITABRU FALLS			3•80	•30	15												
KAMARANG	37	63	3•74	•46	17												
MAHAICONY ABARY	101	157															
PLANTAIN ISLAND			3•71	•22	24												
ST IGNATIUS	150	217															
TIBOKU SITE	10	16	3•33	•21	18												

TABLE IV – SUMMARY OF RAINFALL INTENSITY RECORDS DECEMBER 73

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	.40	.48	.53	.74	.80	.90	1.43	1.62
PENAL AG STATION	.25	.36	.52	.59	.80	1.35	1.70	1.85
PIARCO AIRPORT	.24	.41	.45	.59	.76	.79	1.24	1.42
ST AUGUSTINE UWI		.40	.53	1.03	1.10	1.50	1.76	2.17
TOBAGO								
CROWN POINT APT	.20	.39	.59	.59	.74	1.18	1.59	1.79
LOUIS D/OR	.40	.60	.80	.98	1.70	2.15	2.45	2.66
BARBADOS								
HUSBANDS CMI	.18	.24	.28	.33	.33	.34	.34	.34
SEAWELL AIRPORT	.13	.16	.16	.18	.26	.59	.62	.63
BR VIRGIN IS								
PARAQUITO BAY	.16	.20	.24	.32	.37	.37	.43	.43
ROAD TOWN	.12	.17	.20	.20	.29	.32	.36	.36
JAMAICA								
N.MANLEY AIRPORT	.25	.26	.27	.46	.54	.60	1.10	1.47
D.SANGSTER APT	.30	.59	.70	1.20	1.32	2.06	3.59	4.54
SMITHFIELD	.39	.79	.80	1.00	1.00	1.00	1.18	1.18
CAYMAN ISLANDS								
WEST BAY	.51	1.01	1.40	1.75	1.76	1.84	3.11	3.35
GUYANA								
APAIKWA	.31	.40	.50	.68	.73	.78	1.61	2.66
APOTERI	.17	.25	.27	.32	.32	.42	.50	.50
BARTICA DEM. STA	.63	.86	.99	1.43	1.62	1.63	2.32	2.57
CAMP JAGUAR	.31	.42	.62	1.13	1.98	3.07	3.21	3.21
COOPERS LANDING	.38	.61	.78	1.09	1.79	2.09	2.57	2.69
DAWA	.36	.58	.90	1.09	1.27	1.35	2.80	2.80
FRIENDSHIP	.41	.48	.62	1.05	1.37	2.27	2.49	3.01
GEORGETOWN BOT G	.60	.88	1.00	1.72	2.01	2.14	2.23	3.19
GREAT FALLS	.26	.34	.61	.82	1.30	1.96	2.39	2.46
KAMARANG	.40	.64	1.00	1.40	1.75	1.75	2.10	3.86
KERAHA LDG	.44	.65	.89	.98	1.93	1.93	1.93	1.94
LETHEM	.16	.30	.39	.58	.60	.84	.84	1.06
MACKENZIE	.26	.32	.44	.73	.96	1.10	2.22	2.77
MAHAICONY ABARY	.20	.30	.42	.67	1.06	1.35	1.92	2.44
PLANTAIN ISLAND	.29	.37	.59	.60	1.00	1.09	1.50	2.59
NEW AMSTERDAM	.24	.44	.68	1.20	1.90	2.00	2.01	3.87
ST IGNATIUS	.30	.44	.60	1.10	1.70	2.00		
TIBOKU SITE	.33	.56	.56	.68	.79	.84	1.54	1.91
TIMEHRI AIRPORT	.38	.48	.86	1.46	1.84	2.10	2.68	3.46

TABLE V – SUMMARY OF WINDSPEED RECORDS DECEMBER 73

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	11	31	06	29	1135	27	0	0	0	4•3
TOBAGO												
CROWN POINT APT	11	15	14	7	09	27	1130	27	0	0	0	4•3
BARBADOS												
HUSBANDS CMI	08	14	15	27	09	24	2240	27	0	0	0	5•5
ANTIGUA												
COOLIDGE AIRPORT	06	24	04	26	06	35	0320	26	5	0	0	12•2
GUYANA												
GEORGETOWN BOT G	07	12	14	29	13	25	0350	6	0	0	0	5•4
TIMEHRI AIRPORT	02	13	15	27	01	25	1135	17	0	0	0	3•7

TABLE VI – SUMMARY OF SUNSHINE RECORDS DECEMBER 73

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	12	56	71	67	70	61	62	56	50	51	45	13	0	190.0	53	10.5	31	0	8	6	9	8	0
PENAL AG STATION	0	25	48	70	72	68	57	52	50	47	42	33	11	0	177.9	49	10.9	31	0	9	7	6	9	0
PIARCO AIRPORT	0	18	63	73	75	73	68	65	60	51	43	47	10	0	200.0	56	10.8	11	1	6	6	9	9	0
ST AUGUSTINE UWI	0	13	62	69	78	72	62	62	57	56	57	51	15	0	202.4	57	10.8	11	1	3	10	7	10	0
TOBAGO																								
CROWN POINT APT	0	25	70	72	75	66	70	70	61	62	57	51	24	0	216.1	61	11.3	13	1	5	6	6	13	0
LOUIS D/OR	0	16	71	76	72	71	69	77	69	69	67	55	4	0	222.2	62	10.4	19	1	6	2	7	15	0
BARBADOS																								
HUSBANDS CMI	0	35	82	84	84	90	91	82	74	69	72	58	8	0	257.2	73	10.9	1	0	3	2	9	17	0
SEAWELL AIRPORT	0	12	67	82	82	86	87	87	85	72	72	62	12	0	250.1	71	10.8	1	0	2	3	11	15	0
DOMINICA																								
MELVILLE HALL AP	0	1	37	58	68	69	68	71	67	59	48	28	2	0	172.6	51	9.7	14	0	4	12	12	2	0
BR VIRGIN IS																								
PARAQUITO BAY	0	13	69	82	81	84	85	83	87	73	74	41	0	3	239.7	70	9.9	3	0	0	7	14	10	0
JAMAICA																								
BUDLES	0	2	74	85	80	90	89	85	81	72	63	47	2	0	238.6	69	10.2	7	1	1	5	11	13	0
FROME	0	3	51	61	79	78	87	84	80	80	76	60	1	0	219.5	67	10.1	3	1	4	3	10	13	0
N.MANLEY AIRPORT	0	5	73	72	90	93	86	83	74	62	47	37	2	0	224.5	65	10.2	8	0	2	8	7	13	0
D.SANGSTER APT	0	0	57	74	79	73	80	77	75	69	63	44	3	0	216.2	63	10.0	6	1	3	4	13	10	0
SMITHFIELD	0	11	65	65	78	81	82	75	62	47	35	25	0	0	193.6	56	10.3	13	0	5	7	16	3	0

TABLE VI – SUMMARY OF SUNSHINE RECORDS DECEMBER 73

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
CAYMAN ISLANDS																								
WEST BAY	0	7	57	72	78	81	86	87	75	81	79	55	5	0	237·0	69	10·5	6	1	3	2	11	14	0
BELIZE																								
BELIZE AIRPORT	0	9	45	53	62	78	84	91	85	79	70	55	14	1	224·5	65	10·6	9	0	1	3	14	6	0
GUYANA																								
CAMP JAGUAR	0	2	24	40	48	51	63	71	76	69	65	54	20	0	181·2	49	10·1	9	0	4	10	12	5	0
FRIENDSHIP	0	7	35	49	51	66	58	62	54	39	41	34	10	0	156·7	43	10·5	17	0	7	14	8	2	0
GEORGETOWN BOT G	0	1	32	37	35	33	38	45	39	41	33	27	1	0	112·4	31	9·5	16	2	15	6	4	4	0
KAMARANG	0	0	10	21	28	39	39	48	54	45	40	27	0	0	104·9	30	8·9	17	2	12	9	5	0	0
MON REPOS	0	4	24	35	36	39	39	45	42	41	33	26	1	0	113·0	31	9·3	9	2	14	7	5	3	0
ST IGNATIUS	0	20	48	64	65	74	79	76	78	80	75	69	20	0	232·1	63	10·7	18	1	2	7	7	13	0
TIBOKU SITE	0	4	17	24	36	39	38	37	58	45	35	27	5	0	113·1	31	9·5	17	0	16	10	4	1	0