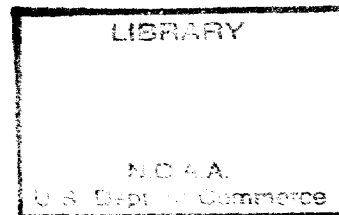


MONTHLY WEATHER SUMMARY

Q2  
987  
.23  
03  
1979

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



January to March  
1979

# **National Oceanic and Atmospheric Administration**

## **Climate Database Modernization Program**

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TABLE II SUMMARY OF DAILY OBSERVATIONS JANUARY 1979

COUNTRY STATION	RAINFALL (inches)				AIR TEMPERATURE °F						TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN	MEAN MIN	MEAN MAX	MEAN		EXTREMES			THUNDER	FOG	HAIL	GALE
							1/16" & 1/8"		MAX	MIN					
							.04	.10							
TRINIDAD															
CENTENO	.75	.16	16	0	0	85.8	64.2	75.0	88	59				244.7	
PENAL	.65	.68	8	3	1	0	86.4	63.9	75.2	90	60			241.5	
PIARCO APT	.78	.31	16	7	0	0	87.1	67.5	77.3	90	63			243.6	
ST. AUGUSTINE UNI	.73	.23	16	5	0	0	86.7	66.0	76.4	88	61			222.3	
TOBAGO															
CROWN POINT APT	.39	.12	16	3	0	0	85.8	71.9	78.9	89	69			256.6	
LOUIS D'OR	2.05	.71	15	12	1	0	84.3	69.8	77.1	85	64			262.5	
GRENADA															
MIRABEAU	2.17	.65	15	9	1	0	81.7	69.0	75.4	84	65			202.2	
PEARLS APT	1.59	.51	15	9	1	0	83.8	67.3	75.6	88	60				
BARBADOS															
G. ADAMS APT	2.86	.29	15	6	0	0	82.4	70.9	76.7	84	66			285.4	
GILBONS BOGGS	1.15	.40	20	5	1	0	84.6	71.0	77.8	87	66			282.3	
HUSBANDS CML	1.68	.32	13	9	0	0	83.6			86				278.4	
ST. VINCENT															
CAMDEN PARK	2.02	.67	15	7	2	0	85.2	69.2	77.2	87	64			272.4	
ST. LUCIA															
VIGIE APT	.73	.14	25	11	0	0	85.7	70.3	78.0	90	65				
DOMINICA															
MELVILLE HALL APT	2.53	.63	5	11	2	0	82.9	68.9	75.9	86	64			215.6	
ANTIGUA															
COOLIDGE APT	1.88	.40	24	10	1	0	82.0	71.2	76.6	84	66				
ST. KITTS/NEVIS															
NATIONAL AGRIC. CORP.	3.67	1.12	1	13	3	1	86.1	71.6	78.9	91	65				
CAYMAN ISLANDS															
WEST BAY	2.34	.44	5	10	2	0	83.5	71.9	77.7	87	64			249.9	

TABLE II SUMMARY OF DAILY OBSERVATIONS JANUARY 1979

COUNTRY STATION	RAINFALL (inches)				AIR TEMPERATURE °F						TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH					
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MIN	MEAN B	MEAN 1/2 (A+B)	EXTREMES		THUNDER	W	T	G		
				.04	.40	1.00				MAX						MIN	
																	A
BELIZE																	
BELIZE APT	6.58	1.08	4	11	8	2	80.9	66.7	73.8	89	60	66.2	197.4	1	8	0	0
BELMOPAN	7.21	1.62	3	12	6	3	82.0	61.7	71.9	90	53	60.0	152.0	0	6	0	0
BIG FALLS RANCH	6.69	1.25	1	9	7	3	84.1	65.0	74.6	91	60	60.0	170.7	0	7	0	0
CENTRAL FARM	5.76	1.61	2	8	5	2	82.6	63.6	73.1	91	56	60.0	135.3	0	23	0	0
TOLEDO	5.58	1.85	15	10	4	2	83.4	64.7	74.0	92	59	60.0	176.7	0	23	0	0
GUYANA																	
ERINI	2.60	.84	30	8	2	0	86.5	70.1	78.3	91	65	66.6	137.1	2	3	0	0
FRIENDSHIP	4.70	1.18	30	14	5	1	85.3	69.4	77.4	88	64	66.6	171.9	0	3	0	0
GEORGETOWN BS	4.27	1.05	2	13	4	1	84.4	73.9	79.2	87	71	70.7	209.5	4	25	0	0
GREAT FALLS	5.43	1.36	30	16	5	1	85.5	70.1	77.8	91	67	68.6	168.6	0	25	0	0
ITABRU FALLS	7.03	2.57	1	13	3	2	86.2	70.2	78.2	91	66	69.7	169.7	0	25	0	0
KAIETEUR FALLS	11.54	3.29	22	22	9	2	67.7	67.7	67.7	64	64	53.5	125.9	0	1	0	0
KAMARANG	3.12	.46	1	19	2	0	81.0	65.4	73.2	86	63	63.1	129.6	0	1	0	0
LES BEHOLDEN							87.3	70.4	78.9	91	66	63.1	129.6	0	1	0	0
LETHEM	.15	.07	30	3	0	0	91.0	72.3	81.7	94	70	63.1	220.3	0	1	0	0
MABARUMA	5.02	1.02	21	11	2	1	85.2	70.9	78.1	89	67	63.1	220.3	0	1	0	0
MAHAICONY	2.94	1.00	1	12	2	1	83.5	72.1	77.8	89	64	63.1	160.5	0	1	0	0
MAZARUNI	4.56	.99	1	15	4	0	83.5	72.1	77.8	89	64	63.1	132.0	0	1	0	0
MON REPOS	4.44	.79	2	14	4	0	84.2	73.1	78.7	87	70	63.1	206.1	0	1	0	0
NEW AMSTERDAM	4.30	.86	2	14	4	0	84.5	71.8	78.2	86	65	63.1	167.1	0	1	0	0
PLANTAIN ISLAND	3.57	.61	22	17	3	0											
TINDRI APT	6.07	1.23	1	15	6	1	85.0	69.7	77.4	88	66	63.1	164.0	2	3	0	0
VAUNA	3.23	.95	21	13	3	0	67.5	67.5	67.5	62	62	63.1	181.4	0	24	0	0



TABLE III—SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JANUARY 1979

COUNTRY STATION	RUN OF WIND (n. miles)		EVAPORATION (inches)		SOIL TEMPERATURES °F												TOTAL RADIATION (langleye)		
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	At 2 inch depth				At 4 inch depth				TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY				
					MEAN		EXTREMES		MEAN		EXTREMES								
					MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN							
TRINIDAD																			
CENTENO	69	110	5.90	.26	27														
PENAL	49	74	6.08	.32	4														
PIARCO APT	60	91	6.19	.30	12														
ST. AUGUSTINE DWI	50	91	4.31	.21	3														
TOBAGO																			
CROWN POINT APT	64	102	7.79M	.43	15														
LOUIS D'OR	13	31	5.55	.27	21														
BARBADOS																			
GIBSONS BOGGS	88	145	6.65	.31	22														
HUSBANDS OMI	80	151	5.71	.32	21														
ST. VINCENT																			
GARDEN PARK	25	86	5.81	.41	8														
ST. KITTS/NEVIS																			
NATIONAL AGRIC. CORP.			6.69	.29	25														
CAYMAN ISLANDS																			
WEST BAY	108	204	5.22	.25	15														
BELIZE																			
BELIZE APT	76	147																	
BIG FALLS RANCH	47	112																	
CENTRAL FARM	26	80																	
TOLEDO	30	104																	
GUYANA																			
EBINI	52	79	5.26	.27	11														
FRIENDSHIP	48	65	4.27	.22	14														
GEORGETOWN BQ	62	114	5.36	.33	16														
GREAT FALLS	1	2	3.16	.19	17														
ITABRU FALLS	21	29																	
KAIETEUR FALLS	33	59	4.14	.23	1														
KAMARANG			4.19	.24	28														
LES BEHOLDEN	117	224																	
LETHEM			10.66	.55	20														
MAHALICONY	158	217	6.08	.25	10														
NEW AMSTERDAM	141	214	4.76	.25	16														
PLANTAIN ISLAND			3.83	.20	14														
TIMBERI APT	35	65																	
WAUNA	58	76																	
						77.6	77.3	80	1	75	79.7						81		

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS JANUARY 1979

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	.10	.10	.10	.10	.10	.11	.13
FENAL	.24	.27	.28	.55	.66	.68	.68	.68
PIARCO APT	.10	.10	.10	.17	.17	.17	.23	.34
ST. AUGUSTINE UNI	.12	.14	.14	.14	.18	.18	.18	.18
TOBAGO								
CROWN POINT APT	.07	.12	.12	.12	.12	.12	.12	.12
LOUIS D'OR	.28	.28	.28	.28	.32	.40	.40	.40
BARBADOS								
G. ADAMS APT	.09	.09	.09	.12	.12	.12	.16	.20
GIBBONS BOGGS	.11	.11	.15	.23	.27	.27	.29	.30
HUSBANDS CMI	.09	.12	.16	.27	.30	.30	.31	.32
CAYMAN ISLANDS								
WEST BAY	.14	.23	.28	.30	.31	.32	.42	.44
GUYANA								
APAIKWA	.28	.37	.47	.74	.93	1.30	1.51	1.56
EBINI	.10	.18	.25	.33	.36	.43	.50	.75
FRIENDSHIP	.19	.35	.43	.70	.71	.71	.73	.89
GEORGETOWN BG	.26	.40	.50	.53	.69	.70	.76	1.31
GREAT FALLS	.19	.28	.32	.34	.38	.53	.74	1.21
ITABRU FALLS	.28	.42	.60	.80	.95	.99	1.57	1.98
KAWARANG	.05	.08	.12	.20	.36	.37	.42	.46
LETHEM	.03	.04	.04	.07	.07	.07	.07	.07
MABARUMA	.08	.12	.12	.16	.26	.28	.56	.88
MABATCOMY	.12	.17	.22	.35	.45	.50	.50	.65
SKELDON FRONT	.26	.35	.53	.66	.85	.99	1.07	1.88
MAUMA	.09	.12	.14	.15	.16	.26	.45	.75

TABLE V - SUMMARY OF WINDSPEED RECORDS JANUARY 1979

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	HOURS ENDED	DATE	DIRN	SPEED	TIME	DATE	33	47	63	
TRINIDAD												
CENTENO	09	16	11	17	09	34	1600	14	1	0	0	4.4
FIARCO APT	08	14	15	14	09	31	1605	14	0	0	0	4.8
TOBAGO												
CROWN POINT APT	03	16	12	16	04	25	1115	16	0	0	0	5.5
ANTIGUA												
COOLIDGE APT	09	22	08	2	08	35	0330	2	2	0	0	9.7
CAYMAN ISLANDS												
WEST BAY	04	21	06	3	04	39	0545	3	3	0	0	8.5
GUYANA												
REINP	36	11	15	12	36	19	1490	12	0	0	0	2.5

TABLE VI - SUMMARY OF SUNSHINE RECORDS JANUARY 1979

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)					MORE THAN 12			
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12					0-1	1-2	2-3	3-4	4-5		6-7	8-9	10-12
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12					0-1	1-2	2-3	3-4	4-5		6-7	8-9	10-12
TRINIDAD																									
CENTENO	0	7	56	83	86	90	85	80	77	74	73	59	18	0	244.7	68	10.4	27	0	0	5	17	9	0	
PENAL	0	15	73	85	85	91	89	85	70	56	61	55	14	0	241.5	67	10.8	6	0	1	2	21	7	0	
PIARCO APT	0	15	70	85	86	92	84	78	75	69	67	54	12	0	243.6	68	10.3	28	0	0	5	16	10	0	
ST. AUGUSTINE INT	0	12	70	82	85	77	78	68	65	66	61	51	0	0	222.3	62	9.8	25	0	0	9	16	6	0	
TOBAGO																									
CROWN POINT APT	0	16	77	83	81	74	72	84	84	80	77	77	23	0	256.6	72	10.9	6	0	0	5	12	14	0	
LOUIS D'OR	0	12	72	76	87	81	94	90	88	89	84	74	0	0	262.5	73	9.9	9	0	0	3	14	14	0	
GRENADA																									
MIRABEAU	0	11	53	70	82	73	67	63	63	63	55	45	6	0	202.2	57	10.3	24	0	4	8	16	3	0	
BARBADOS																									
G. ADAMS APT	0	23	72	87	89	74	88	89	90	94	94	86	35	0	285.4	80	11.1	23	0	1	2	5	23	0	
GIBBONS EGGS	0	15	70	89	95	91	95	89	85	94	89	84	15	0	282.3	80	10.7	25	0	0	3	5	23	0	
HURRANDS CMI	0	32	75	88	92	87	86	83	81	86	85	81	24	0	278.4	78	10.7	9	0	0	3	8	20	0	
ST. VINCENT																									
CAMDEN PARK	0	0	55	85	90	94	95	91	91	92	84	80	29	0	272.4	41	10.3	27	0	0	1	10	20	0	
DOMINICA																									
MELVILLE HALL APT	0	0	49	75	75	74	80	76	78	73	63	50	2	0	215.6	62	10.0	31	0	4	3	17	7	0	
CAYMAN ISLANDS																									
WEST BAY	0	4	62	85	81	81	84	85	81	84	77	66	9	0	249.9	72	10.4	27	0	3	2	10	16	0	

TABLE VI - SUMMARY OF SUNSHINE RECORDS JANUARY 1979

COUNTRY STATION	MEAN DURATION(hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)												TOTAL DURATION (hours)	NO. OF OBSERV- ATIONS	MOST IN A DAY	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)								
	0-1		1-2		2-3		3-4		4-5		5-6					6-7		7-8		8-12		MORE THAN 12		
	0	1	0	1	0	1	0	1	0	1	0	1				0	1	0	1	0	1			
BELIZE	0	1	41	52	63	68	65	66	73	67	67	63	13	0	197.4	57	10.1	7	3	3	6	8	11	0
BELIZE APT	0	4	22	35	42	46	53	55	57	61	58	53	4	0	152.0	44	10.3	13	2	9	2	8	5	0
BELMOPAN	0	2	27	36	43	58	61	63	57	64	64	64	14	0	170.7	49	10.2	13	2	5	9	10	5	0
BIG FALLS RANCH	0	0	4	28	40	48	56	59	51	51	53	42	6	0	135.3	39	9.2	11	5	8	5	12	1	0
CENTRAL FARM	0	2	33	54	55	62	60	65	65	57	55	49	13	0	176.7	51	10.6	94	1	8	4	9	7	0
TOLEDO																								
GUYANA																								
EBELI	0	5	36	50	48	44	39	36	46	42	41	39	16	0	137.1	37	10.2	14	0	12	7	6	4	0
FRIENDSHIP	0	19	46	52	49	46	52	57	60	57	49	52	15	0	171.9	47	10.8	11	0	10	7	7	7	0
GEORGETOWN RC	0	10	56	65	68	67	73	73	70	67	60	52	16	0	209.5	58	10.9	20	0	7	3	11	10	0
KAIETEIR FALLS	0	0	9	27	42	45	43	45	45	46	51	41	11	0	125.9	34	8.3	16	2	9	11	9	0	0
KAMARANG	0	0	17	29	37	39	46	51	51	49	52	44	3	0	129.6	35	9.3	28	0	11	8	6	1	0
LEHEM	0	19	54	53	62	70	74	78	75	71	65	65	26	0	220.3	59	10.9	17	0	4	7	3	12	0
MAHAICONY	0	10	35	38	50	60	58	64	54	50	48	37	11	0	160.5	43	9.8	12	1	7	9	6	6	0
MAZARUNI	0	2	21	43	57	57	50	50	43	39	36	29	0	0	132.0	36	9.5	20	1	11	9	7	2	0
MON REPOS	0	12	45	65	67	76	74	72	70	72	58	48	9	0	206.1	57	10.1	11	0	6	5	13	7	0
NEW AMSTERDAM	0	9	43	43	48	55	58	52	57	55	57	49	13	0	167.1	45	10.7	20	0	10	6	8	7	0
SKELDON FRONT	0	14	40	56	49	54	62	68	67	65	61	55	16	1	186.2	50	11.6	11	2	8	3	8	10	0
TIMBRI APT	0	12	52	58	50	57	53	48	46	52	51	40	10	0	164.0	45	10.3	20	0	9	8	10	3	0
VAUNA	0	13	50	64	63	63	55	61	60	53	49	38	16	0	181.4	50	10.3	6	0	7	7	10	4	0



TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1979

COUNTRY STATION	HEIGHT ABOVE MSL ft	MEAN TEMPERATURE AND HUMIDITY		MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths)						VISIBILITY (No. of Observations) feet								
		MEAN TEMPERATURE				REL. HUM.		Number of Observations						feet						
		DRY BULB °F	WET BULB °F			VAPOUR PRESS mb	REL HUM %	0	1-2	3-5	6-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-99	100+
MEAN HOUR LST					MEAN	Number of Observations					feet									
ST. LUCIA																				
ROSEAU WINDBAY VIGIE APT		09	79.7	72.8	24.4	71														
		08	77.6	71.5	23.6	73	1016.2	8.7	3.9	0	9	11	6	1	0	0	0	0	0	24
		14	83.8	74.3	23.5	59	1014.9	11.3	4.0	0	3	10	9	0	0	0	0	0	0	22
DOMINICA																				
MEVILLE HALL APT		08	76.4	71.4	24.9	80	1017.7	11.0	4.9	0	6	8	12	2	0	0	0	0	0	18
		14	82.8	73.8	24.5	66	1016.4	12.1	4.3	0	7	13	7	1	0	0	0	1	0	3
ARTIGUA																				
COOJIDGE APT	26	02	74.6	70.5	23.7	81	1036.4	9.3	2.8	1	10	15	2	0	0	0	0	0	0	26
		08	76.4	71.0	23.7	76	1017.8	10.1	4.0	0	8	11	9	0	0	0	0	0	0	28
		14	81.5	72.6	23.6	64	1016.5	12.3	3.9	0	6	14	6	0	0	0	0	0	0	28
		20	76.2	71.0	23.7	77	1017.5	9.3	2.9	1	10	13	4	0	0	0	0	0	0	28
ST. KITTS/NEVIS																				
GOLDEN ROCK APT		08	76.3	70.1	22.8	74	1018.4	10.5	3.8	1	7	16	4	0	0	0	0	0	0	28
		14	81.4	71.8	22.4	61	1017.1	12.9	3.7	0	8	14	5	0	0	0	0	0	0	26
CAYMAN ISLANDS																				
WEST BAY		09	78.2	72.3	24.6	75		9.4	3.8	2	11	6	4	5	0					
RELIZE																				
RELIZE APT	17	06	70.4	68.4	23.1	91	1016.1	4.6	4.8	0	7	10	4	7	0	0	0	0	1	25
		12	80.0	72.5	24.2	69	1016.7	10.7	4.9	0	5	11	10	2	0	0	0	0	0	12
		18	76.5	71.9	24.7	79	1015.0	5.8	3.7	0	13	7	5	3	0	0	0	0	0	14





TABLE 11 SUMMARY OF DAILY OBSERVATIONS FEBRUARY 1979

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 STATE			EXTREMES		THUNDER S	FOG	HAIL	GALE
				.04	.40	1.00				MAX	MIN				
				A	B	MEAN									
TRINIDAD															
CENTRO	.99	.27	19	5	0	0	86.8	64.5	75.7	89	59				241.2
PERAL	.55	.17	25	5	0	0	87.9	63.4	75.7	90	60				236.1
PIARCO APT	.71	.20	19	6	0	0	88.5	68.6	78.6	90	61			0	251.5
ST. AUGUSTINE INT	.14	.03	7	0	0	0	86.8	66.4	76.6	88	61			3	226.2
TOBAGO															
CROWN POINT APT	.62	.35	25	4	0	0	88.4	73.3	80.9	90	70				261.5
GRENADA															
PEARLS APT	1.16	.32	25	7	0	0	84.5	72.5	78.5	85	66				
BARRADOS															
G. ADAMS APT	2.34	.12	22	3	0	0	82.7	75.7	79.2	84	70				277.2
GIBBONS BOGGS	.30	.08	23	4	0	0	85.1	73.8	79.5	88	71				274.3
HUSBANDS CMI	.42	.24	24	4	0	0	85.3	67.5	76.4	88	63				253.0
ST. VINCENT															
CAMDEN PARK	2.44	.75	18	9	2	0	84.9	71.1	78.0	88	66				250.1
ST. LUCIA															
ROSEAU WINEAK	2.34	.68	6	11	1	0	84.8	69.8	77.3	88	64				257.6
VIGIE APT	2.35	.40	7	9	1	0	85.4	72.5	79.0	89	67				
DOMINICA															
MELVILLE HALL APT	4.46	2.68	23	10	1	1	83.8	71.1	77.5	87	67				208.9
ARTIGUA															
COOLIDGE APT	.54	.17	21	5	0	0	83.3	72.5	77.9	86	66				

TABLE II SUMMARY OF DAILY OBSERVATIONS FEBRUARY 1979

COUNTRY STATION	RAINFALL (inches)		NUMBER OF DAYS WITH, OR MORE THAN				AIR TEMPERATURE °F				TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH						
	TOTAL AMOUNT	MOST IN A DAY	DATE	-0.4		1.00		MEAN	MIN	MAX		MEAN	EXTREMES	GRASS MIN	THUNDER	FOG	HAIL	GALE
				0.4	1.00	A	B				1/4-1/8							
ST. KITTS/NEVIS																		
NATIONAL AGRIC. CORP.	1.60	.51	16	7	1	0	86.5	71.9	79.2	92	64							
CAYMAN ISLANDS																		
WEST BAY	3.39	.98	25	5	1	0	83.4	71.5	77.5	87	63							
BELIZE																		
BELIZE APT	2.65	.78	19	5	4	0	82.6	68.6	75.6	87	55	67.0	194.3					
BELMOPAN	3.86	1.30	20	10	4	1	84.8	63.2	74.0	90	54	175.5						
BIG FALLS RANCH	3.30	.97	25	8	4	0	85.0	65.6	75.3	91	60	61.8	180.7					
CENTRAL FARM	3.63	1.14	20	6	4	1	85.1	64.0	74.6	92	55	153.2		0	22	0	0	0
TOLEGO	3.98	1.10	19	10	4	1	83.0	65.9	74.5	89	58	179.4		1	0	0	0	0
GUYANA																		
EBINI	.90	.61	6	5	1	0	88.3	68.6	78.3	91	65	63.7	187.1	0	17	0	0	0
FRIENDSHIP	.30	.12	19	4	0	0	86.4	67.1	76.8	90	63	209.8						
GEORGETOWN BG	1.86	1.57	28	5	1	1	85.1	76.3	80.7	88	72	70.6	242.8					
GREAT FALLS	3.39	.45	25	6	1	0	87.0	66.8	77.9	89	66	67.8		0	11	0	0	0
ITABRU FALLS	.63	.32	6	3	0	0						69.6						
KAMARANG	.71	.20	22	4	0	0	82.0	63.4	72.7	85	58	60.1	176.2	0	6	0	0	0
LETHEM																		
MABARUMA	1.30	.38	4	4	0	0	91.4	71.9	81.7	94	70							
MAHAICONY	3.34	.46	28	8	1	0	85.7	70.4	78.1	88	68							
MON REPOS	.85	.79	28	2	1	0	85.3	74.4	79.9	86	71	171.9						
NEW AMSTERDAM	2.43	.70	24	8	2	0	85.6	72.9	79.3	87	68	193.3						
PLANTAIN ISLAND	.77	.21	2	5	0	0												
FORT KAITUMA	.29	.26	4	1	0	0	88.2	65.4	76.8	92	61							



TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS FEBRUARY 1979

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
<b>TRINIDAD</b>								
CENTENO	.07	.11	.13	.13	.18	.18	.26	.26
PENAL	.04	.04	.05	.08	.09	.17	.17	.17
PIARCO APT	.05	.08	.08	.10	.12	.12	.19	.22
ST. AUGUSTINE UNIT	.02	.02	.02	.02	.03	.03	.03	.03
<b>TOBAGO</b>								
CROWN POINT APT	.07	.08	.10	.13	.13	.19	.29	.34
<b>BARBADOS</b>								
G. ADAMS APT	.05	.05	.05	.07	.07	.09	.11	.12
GIBBONS BOGGS	.07	.07	.07	.07	.07	.07	.07	.07
HUSBANDS CMI	.04	.06	.07	.07	.11	.13	.21	.22
<b>CAYMAN ISLANDS</b>								
NEST BAY	.18	.32	.44	.44	.45	.50	.94	.97
<b>GUYANA</b>								
EBINI	.17	.21	.28	.45	.50	.54	.61	.61
FRIENDSHIP	.12	.12	.12	.12	.12	.12	.12	.12
GEORGETOWN EQ	.15	.29	.38	.54	1.06	1.27	1.56	1.56
ITAPERU FALLS	.10	.12	.14	.20	.20	.20	.32	.32
KALETEUR FALLS	.19	.19	.19	.19	.20	.22	.31	.41
KAMARANG	.05	.06	.09	.11	.11	.12	.16	.24
MABARUNA	.14	.28	.29	.29	.29	.29	.32	.38
MAHAICONY	.11	.22	.26	.28	.29	.37	.46	.46
HEM AMSTERDAM	.20	.28	.30	.42	.54	.62	.70	.70
PLANTAIN ISLAND	.20	.21	.21	.21	.21	.21	.21	.21
SKELDON FRONT	.13	.13	.13	.14	.23	.23	.23	.23

TABLE V - SUMMARY OF WINDSPEED RECORDS FEBRUARY 1979

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 16	14	21	09 34	1025	22	1	0	0	5.7		
PIARCO APT	08 18	13	21	07 34	1115	23	1	0	0	5.7		
TOBAGO												
CROWN POINT APT	09 18	12	22	12 25	1105	20	0	0	0	7.6		
BARBADOS												
HUSHANDS CMI	12 21	14	14	08 27	1105	19	0	0	0	7.7		
ANTIGUA												
COOLIDGE APT	09 24	09	22	08 38	0840	22	4	0	0	10.8		
CAYMAN ISLANDS												
WEST BAY	04 16	21	9	04 28	1835	9	0	0	0	8.1		
GUYANA												
EBINI	36 16	17	18	03 23	1415	17	0	0	0	5.3		



TABLE VI - SUMMARY OF SUNSHINE RECORDS FEBRUARY 1979

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)												TOTAL DURATION (hours)	PERCENT OF POSSIBLE DAY	MOST IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)								
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-12	MORE THAN 12													
	0	0	0	0	0	0	0	0	0	0	0	0													
BELIZE	0	5	50	61	74	76	73	74	72	70	65	56	18	0	194.3	60	10.4	5	1	5	1	12	8	0	
BELIZE APT	0	5	26	48	64	68	70	72	79	70	65	51	8	0	175.5	54	10.9	27	0	6	4	10	5	0	
BELMOPAN	0	7	49	60	61	74	73	74	69	64	62	42	10	0	180.7	56	10.5	27	0	7	3	9	8	0	
BIG FALLS RANCH	0	0	11	25	51	63	64	66	69	63	69	55	13	0	153.2	47	10.3	28	2	6	2	17	1	0	
CENTRAL FARM	0	5	41	54	58	70	68	68	65	65	65	60	22	0	179.4	55	10.6	28	3	6	1	8	10	0	
TOLEDO																									
GUYANA																									
ESINI	0	8	65	67	64	61	90	59	59	64	68	70	25	0	187.1	56	10.1	7	0	4	7	14	3	0	
FRIENDSHIP	0	10	62	70	68	73	74	80	77	77	75	70	14	0	209.8	63	10.7	22	0	4	4	9	11	0	
GEORGETOWN BG	0	16	69	83	89	90	90	87	86	86	82	69	21	0	242.8	73	11.1	23	0	0	3	10	15	0	
KAMARANG	0	0	24	42	55	58	67	67	76	73	75	65	27	0	176.2	53	9.6	5	0	3	10	11	4	0	
MAHAICONY	0	4	46	59	84	69	73	68	62	62	52	45	12	0	171.9	51	9.3	6	1	3	6	12	3	0	
MAZARUNI	0	4	42	47	69	71	72	67	57	54	46	36	1	0	158.3	47	8.7	10	0	6	7	15	0	0	
MON REPOS	0	15	63	80	89	85	84	91	84	86	77	63	20	0	234.4	70	10.3	22	0	0	3	14	11	0	
NEW AMSTERDAM	0	7	50	61	64	73	66	73	66	69	75	66	21	0	193.3	58	10.4	18	0	2	8	11	7	0	
SKEDJON FRONT	0	14	54	68	75	70	81	81	77	84	84	75	17	0	218.6	65	10.8	22	0	1	5	11	11	0	

TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1979

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 (height)						VISIBILITY (No. of Observations) miles								
			DRY BULB		WET BULB				VAPOUR PRESS mb	REL HUM %	MEAN AMT	Number of Observations						yards					
			°F	°F	°F	°F						0	1-2	3-5	6-7	8	9	8-40	40-80	80-100	100-200	200+	
																							0
TRINIDAD																							
CENTENO	50	08	76.8	73.9	27.5	87																	
PENAL	25	08	77.6	75.3	28.8	89																	
PIARCO APT	41	02	73.8	72.1	26.1	92	1012.7	2.6	0	13	9	7	2	0	0	0	0	0	0				
		08	77.7	74.0	27.1	84	1014.4	4.1	0	9	5	13	4	0	0	0	0	0	0				
		14	87.0	75.5	25.0	57	1012.4	10.8	0	0	9	21	1	0	0	0	0	0	0				
PIARCO APT	41	20	77.5	73.8	26.7	83	1012.8	5.7	4.4	0	10	7	14	0	0	0	0	0	0				
ST. AUGUSTINE UMI	52	09	81.3	74.8	26.6	73		6.9															
TOBAGO																							
CROWN POINT APT		02	75.4	72.5	26.0	87	1013.1	1.7	4.4	0	10	7	13	0	0	0	0	0	0				
		08	79.6	74.9	27.5	80	1014.7	6.1	5.8	0	3	6	21	1	0	0	0	0	0				
		14	83.9	76.1	27.3	69	1013.2	9.6	5.8	0	3	6	20	1	0	0	0	0	0				
		20	77.3	73.6	26.6	83	1013.3	3.0	5.2	1	3	9	15	3	0	0	0	0	0				
LOUIS D'OR	40	08	80.6	74.6	26.7	75		0.5															
GRENADA																							
MIRABEAU	450	08	79.4	75.0	28.0	82		6.3	0	0	11	15	5	0									
BARBADOS																							
G. ADAMS APT	183	02	77.0	72.9	25.9*	82	1013.5	8.9	5.1	0	3	12	16	0	0	0	0	0	0				
		08	79.2	73.7	26.0	76	1015.3	10.5	5.5	0	4	8	17	2	0	0	0	0	0				
		14	81.6	74.7	26.9	73	1013.8	12.0	5.9	0	3	5	21	2	0	0	0	0	0				
		20	78.3	73.6	26.2	79	1014.2	8.1	5.1	0	3	13	14	1	0	0	0	0	0				
GIBBONS BOGGS HUSBANDS UMI	370	09	81.8	75.5	27.9	75																	
		08	77.7	72.9	25.4	78	1015.6	8.2	3.7	0	3	9	16	3	0	0	0	0	0				
ST. VINCENT																							
CANDEN PARK	15	08	80.1	74.1	26.1	74																	
ST. LUCIA																							
VIGIE APT		08	78.8	73.6	26.0	77	1014.8	6.8	5.4	0	7	18	1	0	0	0	0	0	0				



TABLE 1. SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1979

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 (height)					VISIBILITY (No. of Observations)														
			MEAN TEMPERATURE		REL HUM %	MEAN ANT			Number of Observations				yd-ft															
			DRY BULB °F	WET BULB °F					0	1-2	3-5	6-7	8-9	0	1	2	3	4										
<b>DOMINICA</b>																												
MELVILLE HALL APT		03	75.5	72.3	29.7	85	1016.3	6.1	0	1	9	17	3	0	0	0	0	0	0	0	0	0	0	0	13	16		
		14	81.2	74.3	25.9	71	1015.0	8.6	0	0	13	13	4	0	0	0	0	0	0	0	0	0	0	0	0	8	22	
<b>ANTIGUA</b>																												
COOLIDGE APT	26	02	77.6	70.5	23.7	81	1015.7	4.0	3.2	1	12	13	4	1	0	0	0	0	0	0	0	0	0	0	0	0	31	
		08	76.7	71.8	24.4	78	1016.2	9.3	5.1	0	4	12	15	0	0	0	0	0	0	0	0	0	0	0	0	1	30	
		14	81.3	72.9	24.0	66	1015.0	12.7	4.6	0	7	11	13	0	0	0	0	0	0	0	0	0	0	0	0	1	30	
		20	76.4	71.2	23.8	77	1015.6	9.5	4.2	0	10	10	10	1	0	0	0	0	0	0	0	0	0	0	0	0	31	
<b>ST. KITTS/NEVIS</b>																												
GARDEN HACK APT		08	76.5	70.9	23.4	75	1016.8	9.3	4.9	0	5	11	13	2	0	0	0	0	0	0	0	0	0	0	0	1	30	
		14	80.7	72.5	23.6	66	1015.5	10.9	4.7	0	3	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	31	
<b>CAYMAN ISLANDS</b>																												
WEST BAY		09	79.4	73.5	25.7	75		10.7	3.2	2	13	10	4	2	0													
<b>HELLIZE</b>																												
BELIZE APT	17	06	73.7	71.5	25.5	90	1014.9	4.9	4.3	0	7	15	6	3	0	0	0	0	0	0	0	0	0	0	1	0	26	4
		12	82.3	74.4	25.5	68	1014.4	11.1	5.2	0	2	15	13	1	0	0	0	0	0	0	0	0	0	0	0	0	10	21
		18	78.3	73.5	26.3	79	1013.7	7.2	4.4	1	10	8	10	2	0	0	0	0	0	0	0	0	0	0	0	0	9	22
<b>GUYANA</b>																												
ERTHI	94	09	76.2	74.4	28.3	92	1013.9	1.8	5.4	0	5	9	12	5	0	0	0	0	0	0	0	0	0	0	4	25	2	
		15	84.6	75.3	25.9	64	1011.3	7.8	6.1	0	0	9	21	1	0	0	0	0	0	0	0	0	0	0	1	0	25	4
<b>FRIENDSHIP</b>																												
GEORGETOWN BG	7	15	84.2	76.2	27.2	68																						
		09	79.3	75.3	28.1	82	1013.7	4.1	6.0	0	2	8	16	5	0	0	0	0	0	0	0	0	0	0	0	0	19	12
<b>GEORGETOWN BG</b>																												
GREAT FALLS	7	15	82.3	76.5	28.7	76	1012.4	5.6	5.9	0	0	12	16	3	0	0	0	0	0	0	0	0	0	0	0	0	15	15
		09	75.3	74.0	28.1	94																						
		15	86.3	77.0	27.8	65																						
<b>KAYETUR FALLS</b>																												
		09							1.5	6.8	0	0	4	16	7	4	0	4	1	0	0	0	0	0	2	12	12	
		15							1.9	5.5	0	4	10	12	5	0	0	0	0	0	0	0	0	0	1	0	9	21



TABLE II SUMMARY OF DAILY OBSERVATIONS MARCH 1979

COUNTRY STATION	RAINFALL (inches)			NUMBER OF DAYS WITH OR MORE THAN					AIR TEMPERATURE °F				MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH					
	TOTAL AMOUNT	MOST IN A DAY	DATE	-0.4		-0.1		1.00		MEAN	MEAN MIN	MEAN MAX			EXTREMES		THUNDER	FOG	HAIL	GALE
				A	B	A	B	A	B						MAX	MIN				
TRINIDAD																				
CEWTEWO	3.56	2.54	3	8	2	1	86.9	66.7	77.8	91	65	231.0								
PENAL	1.94	.80	31	7	2	0	88.6	66.7	77.7	91	62	204.1								
ST. AUGUSTINE UNIT	4.37	1.53	3	7	1	1	87.1	69.4	78.3	90	65	210.0								
TOBAGO																				
CROWN POINT APT	4.00	1.61	3	11	2	2	86.1	74.1	80.1	90	70	206.1								
LOUIS D'OR	7.70	2.83	30	15	6	2	83.7	73.2	78.4	85	70	195.3								
GRENADA																				
MIRABEAU	5.69	1.91	30	13	4	1	83.0	69.9	76.5	85	67	174.1								
BARBADOS																				
G. ADAMS APT	2.69	.71	31	9	3	0	83.1	72.9	78.0	85	69	240.2								
GIRONS BOGGS	2.69	1.08	31	10	3	1	85.0	73.5	79.2	88	69	240.2								
HUSBANDS CMI	3.42	.96	31	11	2	0	85.6	68.7	77.1	88	63	219.5								
ST. VINCENT																				
CAMDEN PARK	4.14	.82	23	12	3	0	85.7	71.8	78.8	88	68	273.7								
ST. LUCIA																				
VIGIE APT	4.97	1.20	4	16	4	1	85.7	72.5	79.1	87	68									
DOMINICA																				
MEVILLE HALL APT	8.59	1.52	3	21	7	3	82.5	70.5	76.5	86	66	163.6								
ANTIGUA																				
COOLIDGE APT	1.95	.54	18	10	2	0	82.8	72.0	74.4	86	63									
ST. KITTS/NEVIS																				
NATIONAL AGRIC. CORP.	4.93	.95	29	8	2	0	86.1	72.4	79.3	90	66									
CAYMAN ISLANDS																				
WEST BAY	.56	.34	7	2	0	0	83.5	72.9	78.2	86	60	297.6								

TABLE II SUMMARY OF DAILY OBSERVATIONS MARCH 1979

COUNTRY STATION	RAINFALL (inches)				AIR TEMPERATURE °F				MEAN GRASS MIN OF °F	TOTAL SUNSHINE DURATION HR	NO. OF DAYS WITH						
	TOTAL AMOUNT	MOST IN A DAY	NUMBER OF DAYS WITH OR MORE THAN		MEAN MIN B	MEAN MAX A	MEAN MIN (A+B) °F	EXTREMES MAX MIN			THUNDER	HAIL	WIND	GALE			
			.04	.40											1.00		
			DATE														
<b>BELIZE</b>																	
BELIZE APT	2.81	1.70	6	8	1	1	84.8	71.8	76.3	90	62	69.2	220.3	1	0	0	0
BELMOPAN	1.07	.25	4	9	0	0	87.6	66.3	76.9	96	61						
BIG FALLS RANCH	3.00	.31	27	7	0	0	87.4	67.7	77.6	97	61		219.4				
CENTRAL FARM	.42	.19	27	4	0	0	87.5	66.1	76.8	97	60		185.0	0	26	0	0
TOLEDO	6.91	1.75	26	14	4	3	85.6	69.3	77.5	96	64		204.2				
<b>GUIYANA</b>																	
EBINI	7.30	1.17	20	15	9	1	87.8	71.8	79.8	91	68		154.9	5	17	0	0
FRIENDSHIP	12.81	2.10	7	16	12	5	87.3	71.3	79.3	90	66		178.3				
GEORGETOWN BG	9.83	2.90	13	12	7	3	84.3	75.5	79.9	87	72		172.5				
GREAT FALLS	8.90	2.76	8	15	7	1	88.0	71.7	79.3	91	69		70.1	12	25	0	0
ITARRU FALLS	7.00	1.59	8	15	7	2							72.8				
KALETEUR FALLS	18.56	3.47	22	19	12	9							130.4	1	8	0	0
KAMARANG	5.24	1.65	22	14	5	1	82.4	66.6	74.5	87	61		163.6				
MARARUMA	7.44	2.58	21	12	6	2	85.2	72.3	78.7	89	70			2	1	0	0
MAHATCONY	12.69	3.50	1	14	10	5	83.7	74.8	79.3	86	72		160.0				
MAZARURI	8.52	1.84	13	12	7	4	85.3	72.6	78.9	91	69		106.9				
MON REPOS	8.85	3.06	13	10	7	2	84.3	74.6	79.5	87	70		181.4				
SKELDON FRONT	7.96	1.71	12	16	9	2	85.1	74.4	79.7	87	70		178.9				
TYMERRI APT	9.62	1.56	13	14	8	5	85.8	70.6	78.2	90	66		151.8	2	6	0	0
VAUBA	6.80	2.23	21	15	6	1	68.9						174.1	2	28	0	0



TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS MARCH 1979

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	.20	.34	.40	.64	.71	.93	2.10	2.24
PENAL	.24	.36	.39	.44	.47	.70	.80	.80
ST. AUGUSTINE DMT		.12	.17	.28	.37	.56	1.26	1.43
TOBAGO								
CROWN POINT APT	.22	.30	.35	.45	.55	.81	1.03	1.09
LOUIS D'OR	.24	.24	.38	.61	.92	1.46	1.88	2.24
BARBADOS								
G. ADAMS APT				.31	.40	.54	.71	.71
GIBBONS BOGGS	.30	.33	.39	.47	.63	.74	1.08	1.08
HUSBANDS CMT	.12	.19	.24	.32	.52	.72	.94	.96
CAYMAN ISLANDS								
WEST BAY	.14	.24	.28	.29	.29	.29	.34	.34
GUYANA								
APAIKWA	.31	.33	.34	.41	.45	.55	.83	.89
EBINI	.33	.37	.59	.59	.75	.85	.99	1.09
FRIENDSHIP	.43	.71	.80	.96	1.08	1.10	1.55	1.65
GEORGETOWN BG	.34	.37	.46	.60	1.12	1.47	2.69	2.90
GREAT FALLS	.36	.56	.72	.90	1.02	1.30	2.74	2.78
ITABRU FALLS	.20	.40	.60	.72	.75	.80	1.52	1.59
KAIETEUR FALLS							2.49	3.47
KAWARANG	.32	.46	.48	.72	1.05	1.15	1.58	1.60
MABARUMA	.45	.70	.84	.98	1.16	1.19	2.05	2.41
MAHALCONY	.48	.56	.72	1.05	1.23	1.93	2.99	3.50
MAZARUNI					.74	.83	1.20	2.42
ST. FRANCIS MISSION	.20	.24	.33	.60	1.00	1.33	1.55	1.61
SHELDON FRONT	.28	.35	.40	.40	.64	.79	1.27	1.31
WAIMA	.14	.24	.32	.46	.55	.68	1.64	2.12

TABLE V - SUMMARY OF WINDSPEED RECORDS MARCH 1979

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	14	10	8	09	28	0950	14	0	0	0	5.7
PIARCO APT	08	16	16	31	09	26	1235	13	0	0	0	5.8
TOBAGO												
CROWN POINT APT	09	16	14	13	11	23	1245	17	0	0	0	5.8
BARBADOS												
HUSBANDS CMI	08	16	14	13	09	30	1100	14	0	0	0	7.9
ANTIGUA												
COOLIDGE APT	08	24	19	30	08	33	1535	30	0	0	0	10.3
CAYMAN ISLANDS												
WEST BAY	10	17	14	17	10	30	1355	28	0	0	0	9.1
GUYANA												
EBINI	03	16	13	8	03	29	1755	3	0	0	0	5.1

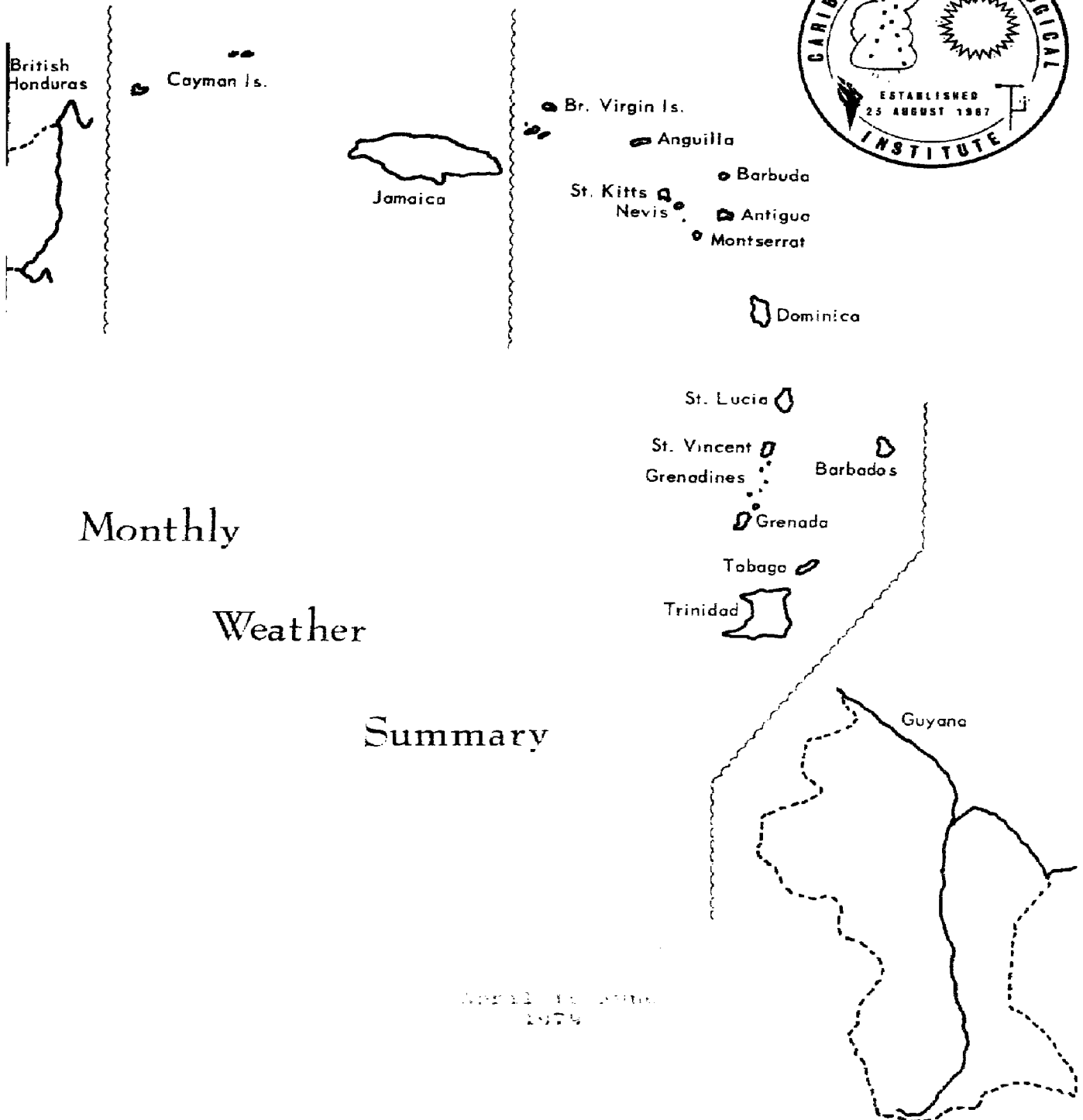
TABLE VI - SUMMARY OF SUNSHINE RECORDS MARCH 1979

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)						MORE THAN 12	
	0-1		1-2		2-3		3-4		4-5		5-6						7-8	9-10	11-12	13				
	0	1	0	1	0	1	0	1	0	1	0	1												
TRINIDAD																								
CENIZO	0	9	58	71	74	78	73	79	72	71	67	66	27	0	231.0	62	11.0	7	0	5	3	10	13	0
PENAL	0	7	58	78	78	72	67	64	71	58	48	43	15	0	204.1	55	10.2	16	0	4	10	8	9	0
PIARCO APT	0	20	67	75	73	73	65	71	69	61	61	59	16	0	220.4	59	11.0	16	0	5	5	7	14	0
ST. AUGUSTINE UNIT	0	13	70	76	70	75	66	60	64	63	58	55	7	0	210.0	56	10.6	7	0	7	3	8	13	0
TOBAGO																								
CROWN POINT APT	0	12	59	67	63	63	66	69	63	65	61	60	18	0	206.1	55	11.1	28	2	5	5	7	12	0
LOUIS D'OR	0	5	49	65	66	73	75	74	69	62	52	39	1	0	195.3	52	9.9	28	1	5	6	15	4	0
GRENADA																								
LOUIS D'OR	0	12	42	48	66	60	69	69	61	57	40	25	3	0	174.1	47	9.6	27	1	7	4	17	2	0
BARBADOS																								
G. ADAMS APT	0	15	63	77	82	77	82	78	81	76	67	58	20	0	240.2	64	11.1	27	1	4	3	8	15	0
GIBBONS BOGGS	0	15	69	77	78	75	80	82	81	75	68	55	19	0	240.2	64	11.0	27	1	2	4	8	16	0
HUSBANDS CMI	0	22	63	75	76	75	73	72	68	64	56	61	13	0	219.5	59	10.9	27	1	3	7	12	8	0
ST. VINCENT																								
CAMDEN PARK	0	6	61	90	91	95	95	84	92	90	84	71	24	0	273.7	73	10.8	17	0	0	2	14	15	0
DOMINICA																								
MELVILLE HALL APT	0	6	40	51	56	57	57	50	60	61	54	29	6	0	163.6	44	10.6	21	1	7	10	11	2	0
CAYMAN ISLANDS																								
WEST BAY	0	12	70	79	83	84	90	94	91	87	76	74	21	0	267.6	72	10.8	1	0	3	2	3	21	0





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Monthly

Weather

Summary

April 11, 1974

MONTHLY WEATHER SUMMARY

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

April to June  
1979

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TABLE 1. SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1979

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR		MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (feet)					VISIBILITY (No. of Observations)														
		LST	EST	DRY BULB °F	WET BULB °F	VAPOR PRESS mb	REL HUMID %			MEAN	Number of Observations				0	1	2	3	4	5									
											0	1	2	3							4	5							
<b>GUYANA</b>																													
FRIENDSHIP GEORGETOWN BG	7	15	09	84.0	77.1	28.7	72	1013.8	4.5	0	1	9	14	6	0	0	0	0	0	0	0	0	0	0	23	7			
GREAT FALLS		15	09	83.0	77.4	29.6	77	1012.1	6.7	0	0	6	17	7	0	0	0	0	0	0	0	0	0	0	18	12			
		15	09	85.6	77.3	28.9	68																						
<b>ITABRU FALLS</b>																													
		09	09	76.6	75.4	29.5	94																						
		15	09	85.8	77.6	28.9	68																						
<b>KALETEUR FALLS</b>																													
		15	09						1.7	0	0	2	13	6	2	0	0	0	0	0	0	0	0	0	1	9	8		
		15	09						3.0	0	1	6	9	3	1	0	0	0	0	0	0	0	0	0	0	8	12		
		1625	09	72.1	70.3	24.5	91	1016.1	1.4	0	0	3	17	4	0	0	0	0	0	0	0	0	0	0	0	23	7		
<b>KAMARANG</b>																													
		1625	15	81.1	73.6	25.0	69	1012.3	4.7	0	0	8	21	1	0	0	0	0	0	0	0	0	0	0	0	8	22		
		168	09	78.6	76.0	29.6	89	1013.0	3.2	0	4	5	20	1	0	0	0	0	0	0	0	0	0	0	0	16	12		
		6	15	83.6	76.9	28.6	73	1010.7	7.2	0	1	10	18	1	0	0	0	0	0	0	0	0	0	0	0	15	13		
			15	83.1	77.5	29.6	76																						
<b>MON REPOS</b>																													
			09	80.0	76.4	29.5	84																						
			15	81.7	78.6	32.0	87																						
<b>SKELDON FRONT</b>																													
			09	79.6	76.0	29.1	84																						
			15	83.0	76.4	28.2	73																						
<b>TIBOKU SITE</b>																													
			09	75.2	74.2	28.5	96																						
<b>TIBOKU SITE</b>																													
		100	15	85.3	78.1	29.8	72																						
<b>TIMEHRI APT</b>																													
			03	74.2	73.4	27.8	96	1011.6	0.6	4	3	7	4	13	3	0	0	0	0	0	0	0	0	0	0	1	5	24	0
			09	80.7	76.3	29.0	81	1014.2	5.6	0	0	4	19	7	0	0	0	0	0	0	0	0	0	0	0	0	4	12	12
			15	83.9	76.5	28.0	71	1010.6	8.3	0	0	8	19	3	0	0	0	0	0	0	0	0	0	0	0	0	1	20	8
			21	76.1	74.5	28.4	93	1012.9	2.1	4	7	0	6	13	9	2	0	0	0	0	0	0	0	0	0	0	3	25	2

TABLE II SUMMARY OF DAILY OBSERVATIONS APRIL 1979

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	MEAN EXTREMES				THUNDER	FOG	HAIL	GALE
				.04	.40	1.00		A	B						
TRINIDAD															
CENTENO	1.75	.55	10	8	2	0	89.0	70.9	79.9	91	65	269.0			
PENAL	.96	.36	23	6	0	0	90.0	68.8	79.4	92	65	240.3			
ST. AUGUSTINE OMI	1.53	.82	10	6	1	0	89.2	71.1	80.1	91	68	260.1			
TOBAGO															
CROWN POINT APT	1.77	.68	2	7	2	0	87.6	75.7	81.7	92	73	235.8			
LOUIS D'OR	4.99	1.84	2	13	3	2	85.1	75.1	80.1	87	69	243.6			
GRENADA															
MT LABEAU	4.48	.90	1	9	6	0	84.2	71.6	77.9	86	60	177.9			
PEAFEE APT	2.50	.83	1	9	2	0	85.4	73.8	79.6	88	69				
BARBADOS															
S. ADAMS APT	1.73	.79	4	8	1	0	84.1	77.1	80.6	86	74	263.4			
GIBBONS BOGGS	1.65	.72	4	8	1	0	86.7	75.2	81.0	90	71	279.0			
RUSSEANTS OMI	1.70	.53	27	7	2	0	86.5	71.1	76.8	91	64	281.0			
ST. VINCENT															
CAMDEN PARK	1.95	.36	27	12	0	0	86.8	74.0	80.4	90	68	262.0			
ST. LUCIA															
VICIE APT	1.61	.32	28	8	0	0	87.7	75.0	81.3	89	69				
DOMINICA															
MELVILLE HALL APT	1.20	.25	27	11	0	0	85.2	74.6	79.9	87	66	254.1			
ANTIGUA															
COOLIDGE APT	2.63	1.12	24	8	1	1	83.9	74.8	79.4	86	68				
ST. KITTS/NEVIS															
NATIONAL AGRIC. CORP.	2.70	.52	11	10	2	0	85.4	74.4	79.9	88	70				
CAYMAN ISLANDS															
WEST BAY	5.32	2.34	23	3	3	3	85.8	73.6	79.7	88	66	273.8			



TABLE II SUMMARY OF DAILY OBSERVATIONS APRIL 1979

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	MEAN (T.A.F.S.)			EXTREMES		THUNDER	FOG	H-L	W-M
				.04	.40	1.00					MAX	MIN				
<b>BELIZE</b>																
BELIZE APT	1.37	1.27	22	2	1	1	88.3	75.4	81.9	92	72	263.5	1	0	0	
BELMOPAN	.76	.61	22	3	1	0	92.4	69.2	80.8	98	64	236.2				
BIG FALLS RANCH	.81	.50	22	3	1	0	80.3	71.4	79.9	96	65	264.7				
CENTRAL FARM	.60	.60	22	1	1	0	94.7	69.1	81.9	99	64	245.8	2	27	0	
<b>GUYANA</b>																
DAMA	12.51	3.21	8	22	8	4	85.5	72.6	79.0	88	69	131.1	7	13	0	
EBINI	12.53	1.64	7	22	15	2	86.8	72.8	77.8	91	70	135.5				
FRIENTHERIP	14.86	3.14	28	21	12	4	86.4	72.5	79.5	90	70	174.6				
GEORGETOWN NG	6.02	1.26	4	18	5	1	85.6	76.1	80.9	88	73	174.6				
GREAT FALLS	11.10	1.86	8	23	9	4	86.7	72.2	79.4	91	68		11	27	0	
ITABRU FALLS	8.59	1.99	12	20	6	2	80.9			93			1	0	0	
KAMARANG	7.00	1.19	29	22	5	1	82.1	67.8	75.0	86	65	128.8	1	2	0	
MABARUMA	8.52	2.07	6	15	5	4	85.9	73.2	79.6	89	71					
MAHALCONY	11.86	3.11	8	19	8	4	84.6	75.8	80.2	86	72	136.9				
MC. KENZIE	8.27	1.31	8	22	5	3	85.3	74.5	79.9	90	72					
<b>MON. KENZIE</b>																
MON. KENZIE	6.91	2.77	13	14	5	2	85.5	73.6	79.5	89	68	184.8				
SKELDON FRONT	11.60	1.88	8	20	11	5	85.6	74.2	79.9	87	71	144.8				
TIGOKU SITE	13.14	2.11	29	19	13	6	86.3	72.1	79.2	91	68	149.5	13	0	0	
TIGHERT APT	8.74	1.98	8	18	8	2	86.2	71.9	79.1	90	69	147.8	2	2	0	



TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS APRIL 1979

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
<b>TRINIDAD</b>								
CENTENO	.19	.19	.19	.20	.23	.35	.36	.36
FENAL	.09	.13	.15	.16	.25	.25	.36	.36
ST. AUGUSTINE CMI	.36	.42	.42	.50	.60	.78	.87	.87
<b>TOBAGO</b>								
CROWN POINT APT	.11	.18	.22	.25	.25	.28	.54	.66
LOUIS D'OR	.20	.24	.40	.48	.68	.82	1.42	1.84
<b>BARBADOS</b>								
G. ADAMS APT	.10	.13	.13	.30	.40	.46	.57	.66
GIBBONS BOGGS	.25	.29	.38	.43	.43	.46	.46	.51
HUSBANDS CMI	.15	.18	.22	.26	.43	.43	.53	.53
<b>CAYMAN ISLANDS</b>								
WEST BAY	1.04	1.04	1.04	1.44	1.79	1.80	2.15	2.17
<b>GUYANA</b>								
APAIKWA	.31	.35	.44	.54	.62	.92	.98	1.18
DAVA				1.04	1.15	1.44	2.37	2.39
EBINI					.85	1.27	1.73	2.04
FRIENDSHIP			.84	1.29	1.81	2.40	4.00	4.30
GEORGETOWN BG	.20	.33	.41	.58	.59	.87	1.12	1.39
GREAT FALLS	.42	.53	.53	.64	.89	1.00	2.10	2.10
KAMARANG	.16	.28	.40	.69	.93	1.00	1.10	1.10
WABARIMA					1.26	1.70	2.99	3.47
MAHAICONY	.29	.53	.76	1.20	1.57	2.01	2.45	2.59
MAZARUNI	.24	.28	.32	.49	.59	.73	.82	.87
<b>ST. FRANCIS MISSION</b>								
SKELDON FRONT	.30	.53	.98	1.63	2.63	3.88	4.12	4.60
TIBOKU SITE	.31	.39	.48	.59	.70	1.63	2.49	2.57
TIMKRI APT	.22	.30	.38	.59	.84	1.03	1.35	1.84
						1.19	1.66	1.77

TABLE V - SUMMARY OF WINDSPEED RECORDS APRIL 1979

COUNTRY STATION	HIGHEST HOURLY WIND			HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIRN	SPEED	DATE	DIRN	SPEED	TIME GMT	DATE	33	47	63	

TRINIDAD

CENTENO 07 14 10 1 09 33 1325 3 0 0 0 5.9  
 Piarco APT 08 15 12 18 07 25 1110 18 0 0 0 6.4

BARBADOS

HUSBANDS CMI 10 16 12 21 10 26 1110 21 0 0 0 8.5

ANTIGUA

COOLIDGE APT 11 20 12 25 15 31 0020 25 0 0 0 13.2

CAYMAN ISLANDS

WEST BAY 12 16 11 2 12 28 1045 2 0 0 0 7.6



TABLE VI - SUMMARY OF SUNSHINE RECORDS APRIL 1979

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)								
	0-1		1-2		2-3		3-4		4-5		5-6						7-8	9-10	11-12						
	0	1	0	1	0	1	0	1	0	1	0	1													
<b>BELIZE</b>																									
BELIZE APT	0	24	77	81	82	81	86	84	86	81	75	77	42	0	263.5	70	11.1	24	0	0	5	6	19	0	
BELMOPAN	0	7	43	68	79	85	76	78	80	82	82	72	32	0	236.2	63	10.7	8	1	3	2	12	12	0	0
BIG FALLS RANCH	0	17	69	75	81	88	86	86	82	86	87	78	46	0	264.7	70	11.8	24	0	0	4	9	17	0	0
CENTRAL FARM	0	8	37	68	77	81	83	86	86	85	78	77	53	0	245.8	65	11.5	24	0	0	7	7	16	0	0
<b>GUIYANA</b>																									
ESINI	0	0	26	43	49	49	43	51	40	47	36	30	13	0	131.1	36	10.3	1	1	9	11	8	1	0	0
FRIENDSHIP	0	7	29	39	56	52	41	52	51	50	40	28	4	0	136.5	37	9.2	15	0	11	9	7	3	0	0
GEORGETOWN BG	0	3	33	52	60	62	60	62	64	58	59	52	17	0	174.6	47	10.3	19	2	6	5	11	6	0	0
KANARANG	0	0	14	29	45	41	49	47	53	57	45	33	15	0	128.8	35	9.0	3	0	10	12	8	0	0	0
MAHAICONY	0	5	26	47	52	49	43	42	46	56	49	34	9	0	136.9	37	10.2	26	0	9	8	7	3	0	0
MAZARUNI	0	2	20	31	36	37	29	21	27	25	17	11	2	0	77.6	21	8.2	26	3	13	9	2	0	0	0
MON ROSOS	0	17	47	59	69	60	65	65	67	60	59	38	11	0	184.8	50	10.5	26	1	5	4	12	6	0	0
SKELDON FRONT	0	9	35	49	44	44	45	41	53	62	51	37	13	0	144.8	40	10.8	20	1	13	3	9	4	0	0
TIBOKU SITE	0	7	33	45	48	56	56	57	59	59	43	27	7	0	149.5	41	9.5	20	1	7	11	10	1	0	0
TIMHRT APT	0	5	31	47	49	51	43	44	44	58	54	49	17	0	147.8	40	10.3	20	1	8	8	8	4	0	0







TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1979

COUNTRY STATION	HEIGHT ABOVE MSL ft	MEAN TEMPERATURE AND HUMIDITY		MEAN TEMPERATURE AND HUMIDITY		MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (degrees)						VISIBILITY (No. of Observations)									
		DRY BULB		WET BULB				VAPOUR PRESS		REL HUM		MEAN AMT	Number of Observations				0	1-2	3-4	5-6	7-8	9-10	
		°F	°C	°F	°C			mb	%	%	%												
													0	1	2	3-5							6
GUYANA																							
DAWA		09	78.7	76.4	30.0	90																	
		15	82.6	76.9	28.9	76																	
ZBINI	94	09	78.0	75.9	29.7	91																	
		15	86.3	77.2	27.9	65	1011.1																
FRIENDSHIP		09	78.5	76.6	30.3	91																	
FRIENDSHIP																							
		15	84.9	77.6	29.0	71																	
GEORGETOWN BG	7	09	79.5	76.6	30.0	87	1013.8	4.9	6.8	0	5	20	6	0	0	0	0	0	1	2	16	12	
		15	82.8	77.4	29.8	78	1012.1	6.6	6.0	0	10	15	6	0	0	0	0	0	0	1	14	16	
GREAT FALLS		09	76.9	75.8	30.1	95																	
		15	85.9	77.7	28.9	68																	
KARANG																							
	1625	09	72.7	70.8	24.9	91	1016.0	2.0	5.4	0	1	12	16	2	0	0	0	0	0	0	0	19	12
		15	81.1	73.5	24.9	69	1012.4	4.9	5.0	0	2	17	10	2	0	0	0	0	0	0	0	10	21
MABARIMA	168	09	77.0	75.3	29.1	92	1012.9	2.9	5.4	0	7	3	17	3	0	1	0	0	1	1	14	13	
		15	83.6	76.9	28.7	73	1010.7	6.9	5.6	0	3	9	16	2	0	0	0	0	0	2	15	13	
MAHALCONY	6	09	79.4	76.6	29.9	87																	
MAHALCONY																							
	6	15	82.9	75.0	29.0	76																	
MON REPOS		09	79.7	76.2	29.3	85																	
		15	81.1	78.6	32.2	89																	
SKELDON FRONT																							
		09	80.4	76.5	29.4	83																	
		15	84.2	75.7	26.7	67																	
TIBOKU SITE																							
		09	76.9	75.4	29.5	93																	
		15	84.7	78.0	29.8	73																	
TIMSHERI APT																							
	100	03	74.0	73.3	27.8	97	1011.6	0.1	4.8	1	7	6	15	2	0	0	0	0	0	0	4	27	0
		09	80.5	76.4	29.3	83	1014.2	4.1	6.6	0	0	3	23	5	0	0	0	0	1	0	3	13	14
		15	82.9	76.6	28.4	74	1010.9	5.9	6.1	0	0	10	18	3	0	0	0	0	1	1	1	13	16
		21	75.9	74.6	28.6	94	1012.9	1.2	5.2	1	5	7	17	1	0	0	0	0	0	0	1	22	8

TABLE II SUMMARY OF DAILY OBSERVATIONS MAY 1979

COUNTRY STATION	RAINFALL (inches)				AIR TEMPERATURE °F						MEAN GRASS MIN OF °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH				
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH, OR MORE THAN			MEAN MIN	MEAN MAX	MEAN 1/2 (C+°F)	EXTREMES			THUNDER	FOG	HAIL	GALE	
				.04	.40	1.00				MAX							MIN
				A	B												
<b>TRINIDAD</b>																	
CENTENO	2.94	1.53	31	9	2	1	89.9	71.6	80.8	94	67	238.2					
PENAL	2.95	.78	31	9	3	0	90.7	69.4	80.1	94	65	212.2					
ST. AUGUSTINE DAM	2.91	1.50	31	8	2	1	89.3	72.1	80.7	93	66	228.2					
<b>TOBAGO</b>																	
CROWN POINT APT	2.77	1.11	31	9	2	1	90.1	77.1	83.6	92	74	230.6	1	0	0	0	
LOUIS D'OR	4.91	1.56	25	15	4	1	86.1	75.6	80.9	88	71	217.4					
<b>GRENADA</b>																	
MIRABEAU	4.03	1.60	31	13	3	1	85.8	73.5	79.7	87	71	175.7					
PEARLS APT	2.98	1.12	31	12	2	1	87.4	75.2	81.3	89	71						
<b>BARBADOS</b>																	
G. ADAMS APT	1.26	.27	29	6	0	0	85.8	77.7	81.8	87	74	250.5					
GIBBONS BOGGS	3.73	.56	29	5	2	0	88.0	77.1	82.6	89	74	254.1					
HUSBANDS CMT	1.64	.56	31	8	2	0	89.4	72.7	81.1	91	68	243.4	1	0	0	0	
<b>ST. VINCENT</b>																	
CAMDEN PARK	4.13	.59	29	11	1	0	88.7	76.5	82.6	91	73	251.6					
<b>ST. LUCIA</b>																	
MIGIE APT	3.83	.74	29	13	4	0	89.6	76.5	83.1	92	73						
<b>DOMINICA</b>																	
MELVILLE HALL APT	8.09	1.47	20	18	8	2	86.7	74.5	80.6	89	71	211.7					
<b>ANTIGUA</b>																	
COOLIDGE APT	13.30	3.37	29	19	8	4	84.7	76.0	80.4	88	72						
<b>ST. KITTS/NEVIS</b>																	
NATIONAL AGRIC. CORP.	8.93	2.00	19	17	6	2	87.4	75.9	81.7	90	72						

TABLE 11 SUMMARY OF DAILY OBSERVATIONS MAY 1979

COUNTRY STATION	RAINFALL (inches)			AIR TEMPERATURE °F					TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH						
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN	MEAN MIN B		MEAN $\frac{1}{2}(A+B)$	EXTREMES MAX MIN	THUNDERS	FOG	HAIL	GALE	
				.04	.40	1.00										
CAYMAN ISLANDS																
WEST BAY	3.68	.87	30	9	4	0	87.4	76.1	81.8	90	71					307.5
BELIZE																
BELIZE APT	1.82	.51	16	6	1	0	90.2	76.2	83.2	93	69					262.6
BELMOPAN	3.80	.71	17	5	2	0	93.6	68.8	81.2	97	60					189.6
BIG FALLS	1.55	.55	5	8	2	0	93.5	72.5	83.0	97	61					252.6
CENTRAL FARM	4.78	1.44	29	8	2	1	95.5	72.2	83.9	99	61					241.3
TOLEDO	7.58	2.31	10	11	4	4	90.5	72.0	81.3	93	65					234.5
GUYANA																
DAWA	14.52	3.93	19	18	10	4	85.3	71.8	78.6	90	67					
EBINI	9.49	1.67	24	14	8	5	88.4	73.2	80.8	91	69					177.8
FRIENDSHIP	8.38	1.88	23	20	6	2	88.4	72.6	80.5	91	68					179.6
GEORGETOWN BG	15.57	2.64	21	21	9	5	85.7	75.2	80.5	89	73					171.4
GREAT FALLS	8.34	1.80	19	18	6	2	88.1	72.9	80.5	92	70					171.1
KALETUR FALLS	14.29	1.70	17	22	14	5										121.6
KAMARANG	9.58	1.44	19	20	9	3	83.2	67.9	75.6	89	64					147.7
MABARUMA	12.59	2.38	27	18	10	4	86.0	72.6	79.3	91	70					144.9
MAHAICOMY	10.09	1.59	31	19	8	4	84.4	75.5	80.0	86	73					
MC. KENZIE	12.76	2.21	12	14	7	4	91.6	74.5	83.1	98	72					
MON REPOS	13.78	2.20	21	16	10	6	85.4	73.6	79.5	89	69					195.0
SKELDON FRONT	8.18	1.02	11	18	8	2	87.0	74.8	80.9	91	72					214.1
TISOKU SITE	8.74	1.77	19	20	7	2	87.0	72.8	79.9	90	72					167.9
TINERRI APT	12.59	2.30	31	21	12	4	85.4	71.8	78.6	90	68					141.8

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS MAY 1979

COUNTRY STATION	RUN OF WIND (n.miles)		EVAPORATION (inches)		SOIL TEMPERATURES °F										TOTAL RADIATION (langbeys)		
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	At 2 inch depth		At 4 inch depth		At 6 inch depth		At 8 inch depth		TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY		
					MEAN		MEAN		MEAN		MEAN						
					MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN					
EXTREMES		EXTREMES		EXTREMES		EXTREMES		EXTREMES		EXTREMES							
DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE			
TRINIDAD																	
CENTENO	85	115	7.50	.43													
PENAL	81	125	7.59	.38													
ST. AUGUSTINE UMI	73	111	6.02	.27													
TOBAGO																	
CROWN POINT APT	105	180	8.90	.46													
LOUIS D'OR	19	40	6.59	.37													
GRENADA																	
MIRABEAU	99	146															
BARBADOS																	
GIBBONS BOGGS	153	230	8.56M	.40	20								16405	677	149		
HUSBANDS CMI	132	191	7.58	.41	22												
ST. VINCENT																	
CAMDEN PARK	57	96	7.30	.39	5								13890	559	335		
CAYMAN ISLANDS																	
WEST BAY	97	145	7.28	.34	2								17067	653	419		
BELIZE																	
BELIZE APT	102	170	7.48	.40	1												
BELOMAN	91	149	6.06M	.33	3												
BIG FALLS	70	200	7.20	.41	12												
CENTRAL FARM	29	57	6.14	.30	2												
TOLEDO																	
GUYANA																	
DAVA	45	87															
EBINI	24	62	5.68	.26	19												
FRIENDSHIP	40	59	5.00	.37	30												
GEORGETOWN BG	73	120	5.21M	.36	19												
GREAT FALLS			3.4M	.22	19												
KAIETEUR FALLS																	
KAWARANG			4.39	.23	10												
MAHAICONY	136	227	4.86	.26	4												
TIPKUKU SITE	4	8	5.58M	.30	17												
TIMEHRI APT	28	60	4.21	.24	27												
			4.72	.31	11												
													11487	477	145		
													12175	553	93		

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS MAY 1979

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	.35	.40	.40	.40	.55	.88	.91		
FENAL	.22	.36	.40	.50	.69	.69	.69	.69		
ST. AUGUSTINE DAM	.24	.24	.26	.27	.27	.28	.46	.55		
TOBAGO										
CROWN POINT APT	.30	.38	.45	.60	.65	.66	.67	.68		
LOUIS D'OR	.28	.40	.43	.71	.87	1.34	1.56	1.96		
BARBADOS										
G. ADAMS APT	.23	.23	.20	.24	.24	.24	.27	.27		
GIBBONS HOGGS	.13	.19	.23	.23	.23	.36	.56	.56		
HUSBANDS DAM	.13	.19	.26	.28	.28	.32	.56	.56		
CAYMAN ISLANDS										
WEST BAY	.28	.33	.38	.52	.55	.79	.87	.87		
CUYANA										
APAIKWA	.49	.51	.71	1.25	1.88	1.97	2.43	3.88		
DAMA	.60	.72	.84	1.20	2.12	3.19	3.54	3.88		
EBINI	.26	.38	.60	.90	1.34	1.44	1.67	1.67		
GEORGETOWN BG			1.12	1.68	2.03	2.03	2.62	2.76		
GREAT FALLS	.28	.34	.46	.78	.93	.99	1.35	1.64		
KALETEUR FALLS	.28	.45	.68	.96	1.16	1.16	1.27	1.48		
KAMARANG	.44	.56	.84	1.13	1.25	1.25	1.25	1.25		
MAHAICONY	.29	.33	.52	.77	.82	.89	1.31	1.60		
TIBOKU SITE	.14	.22	.29	.41	.63	.80	1.27	1.45		

TABLE V - SUMMARY OF WINDSPEED RECORDS MAY 1979

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	D:R	SPEED	HOUR ENDED	DATE	D:R	SPEED	TIME LST	DATE	33	47	63	

TRINIDAD												
CEVIERO PIARCO APT	09 14	13	26	9	38	1600	1	1	0	0	0	5.2
	09 16	15	27	9	30	1430	27	0	0	0	0	6.3
TOBAGO												
CROWN POINT APT	10 17	9	1	13	26	1815	1	0	0	0	0	7.6
BARBADOS												
HUSBANDS CMI	11 17	9	19	10	30	1035	31	0	0	0	0	8.3
ANTIGUA												
COOLIDGE APT	10 20	11	20	11	32	1820	10	0	0	0	0	10.3
CAYMAN ISLANDS												
WEST BAY	11 15	15	2	11	27	1415	2	0	0	0	0	6.8
GUYANA												
GEORGETOWN BG	12 13	12	12	10	24	1130	12	0	0	0	0	5.1

TABLE VI - SUMMARY OF SUNSHINE RECORDS MAY 1979

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)					MORE THAN 12		
																	0-1-0	3-1-0	6-1-0	9-1-0	12-1-0			
	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						
TRINIDAD																								
GENIENO	0	31	71	73	70	79	72	74	68	64	65	62	40	0	238.2	61	11.5	8	0	5	5	4	17	0
PEHAL	0	32	71	70	73	66	58	58	59	62	56	47	32	0	212.2	54	11.6	8	0	5	5	10	11	0
ELARCO APT	0	32	68	65	69	72	69	61	62	57	58	56	28	0	216.6	55	11.4	8	0	6	5	7	13	0
ST. AUGUSTINE UNIT	0	38	77	68	75	77	72	70	63	56	59	60	22	0	228.2	58	11.5	26	0	6	3	9	13	0
TUBAGO																								
GREEN POINT APT	0	24	59	70	67	70	75	80	76	72	60	56	35	0	230.6	59	11.4	18	1	4	5	6	15	0
LOUIS B'OR	0	16	55	62	74	70	71	74	76	73	68	54	8	0	217.4	56	10.6	23	0	5	4	13	9	0
GRENADA																								
MIRABEAU	0	15	44	55	55	64	68	63	67	63	46	24	3	0	175.7	45	10.3	8	0	6	9	13	3	0
BARBADOS																								
G. ADAMS APT	0	35	66	77	85	81	84	84	77	68	66	57	28	1	250.5	63	11.7	25	3	1	2	10	15	0
GIBBONS BOGGS	0	31	69	77	81	87	84	86	78	68	73	55	31	0	254.1	64	11.7	9	0	2	5	9	13	0
RUSSEANIS CMI	0	43	69	76	78	78	80	73	71	62	60	54	41	0	243.4	62	11.6	7	0	6	25	0	0	0
ST. VINCENT																								
CAMDEN PARK	0	8	47	62	85	90	87	85	85	83	80	62	37	0	251.6	64	11.1	25	0	0	5	14	12	0
DOMINICA																								
MELVILLE HALL APT	0	30	63	67	69	68	68	68	71	63	53	44	19	0	211.7	53	10.9	22	1	3	6	10	10	0
CAYMAN ISLANDS																								
WEST BAY	5	56	83	95	92	94	88	84	78	80	79	78	71	9	307.5	76	12.3	17	0	1	1	6	21	2













TABLE 11 SUMMARY OF DAILY OBSERVATIONS JUNE 1979

COUNTRY STATION	RAINFALL (inches)				NUMBER OF DAYS WITH OR MORE THAN				AIR TEMPERATURE °F				MEAN GRASS MIN °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH		
	TOTAL AMOUNT	MOST IN A DAY	DATE	0.4 or more	0.4	1.00	MEAN MAX	MIN	MEAN 1/2 (A+B)	EXTREMES		THUNDER			FOG	ICE	CALM
										A	B						
<b>BELIZE</b>																	
BELIZE APT	9.75	3.43	29	19	8	2	89.5	74.9	82.2	92	71	74.0	205.5	8	1	0	0
BELMOPAN	10.67	1.75	29	21	11	4	89.5	71.3	80.4	95	69	136.7					
BIG FALLS	13.70	2.71	29	17	9	6	90.7	72.4	81.5	95	69	174.0					
CENTRAL FARM	17.61	2.31	11	20	14	7	91.0	70.5	80.7	97	68			8	13	0	0
TOLEDO	29.65	4.55	30	24	16	7	88.0	72.4	80.2	93	70	124.1					
<b>GUYANA</b>																	
BARTICA POTARO	17.20	2.00	17	28	18	4	87.7	64.4	76.1	90	53						
DANA	14.29	2.85	25	26	11	3	86.4	72.3	79.4	88	71						
EBINI	12.88	2.82	3	22	10	4	88.9	73.4	81.2	91	71	71.9	173.3	9	5	0	0
FRIENDSHIP	12.00	1.90	3	21	13	3	90.1	73.0	81.6	95	71	170.6					
GEORGETOWN BG	13.41	2.04	14	24	11	5	86.7	73.8	80.2	90	68	72.1	162.9	6	2	0	0
GREAT FALLS	19.18	2.53	25	27	14	6	86.5	72.6	79.6	89	70	71.2		24	30	0	0
ITABRU FALLS	16.24	2.10	14	26	17	4		73.4		72	72	73.0					
KAMAHANG	13.19	1.94	14	26	12	4	82.9	68.2	75.6	86	67	66.4	133.5	5	0	0	0
MARARUMA	14.50	2.24	5	27	9	5	85.5	72.5	79.0	89	71			18	0	0	0
MC. KENZIE	19.90	2.75	14	23	11	9	91.1	74.1	82.6	94	72						
MANALCONY	7.59	1.02	11	22	8	1	85.7	75.0	80.4	88	72		140.3	5	2	0	0
MON REPOS	7.49	1.56	9	12	8	2	86.5	73.4	80.0	90	70	189.4					
NEW AMSTERDAM	9.27	1.74	28	19	8	2	85.8	73.1	79.5	89	71	161.9		8	0	0	0
SHEDDEN FRONT	12.43	2.32	14	19	8	3	87.6	73.6	80.7	90	71	178.9					
TIBOKU SITE	19.88	4.54	6	25	11	5	86.3	72.7	79.5	89	72	71.3	143.3	27	6	0	0
TIMHRI APT	16.40	2.53	14	26	13	4	86.8	72.0	79.4	91	68	133.8		13	13	0	0





TABLE V - SUMMARY OF WINDSPEED RECORDS JUNE 1979

COUNTRY STATION	HIGHEST HOURLY WIND			HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED	
	DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LAST	DATE	33	47		63

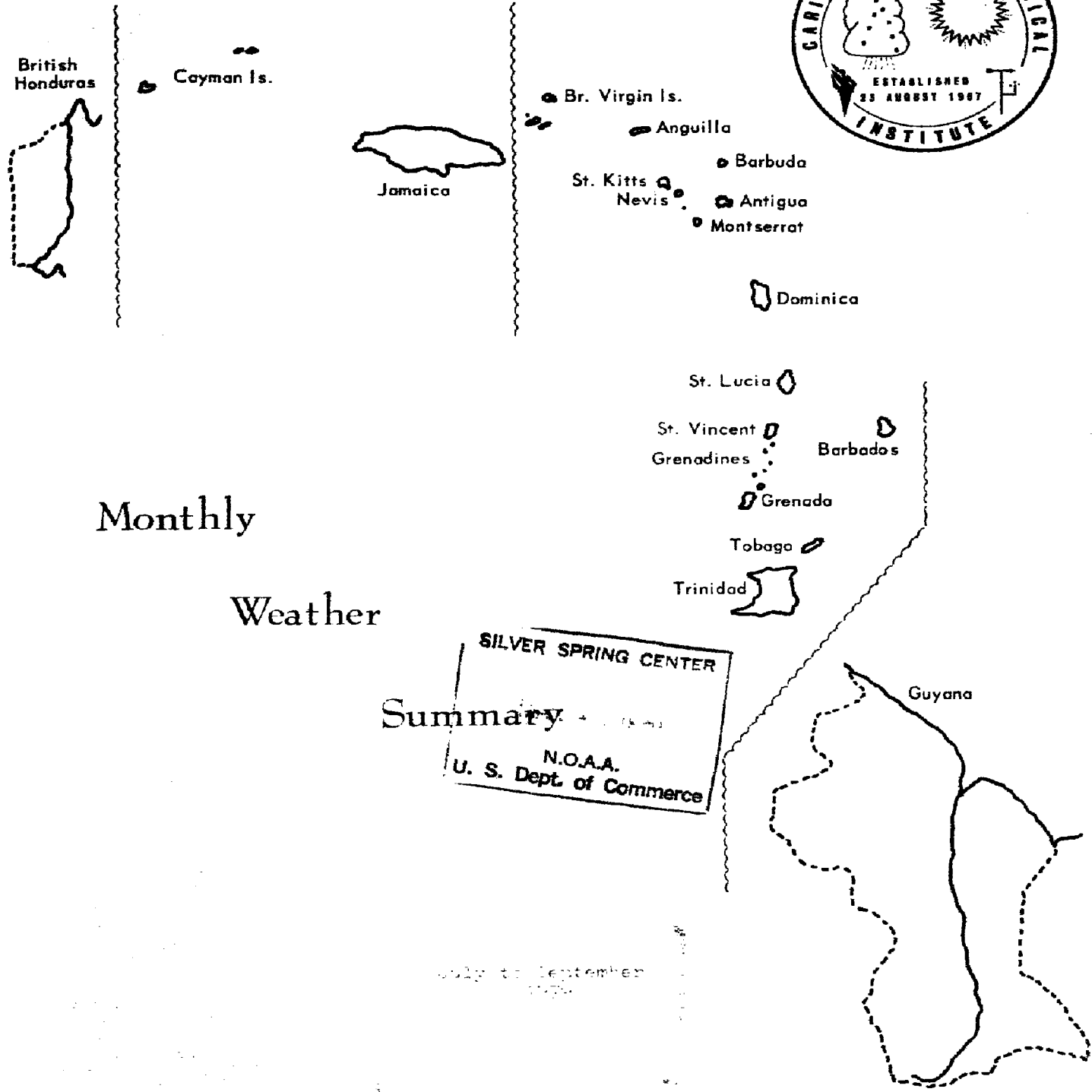
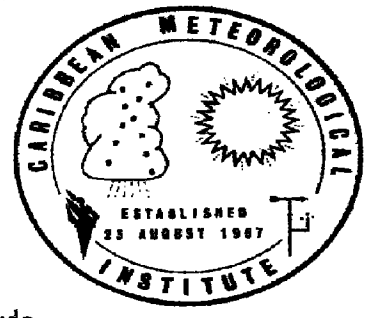
TRINIDAD												
CENTENO	33	15	14	19	33	43	1300	19	1	0	0	4.0
PIARCO APT	09	16	13	5	08	33	1300	19	0	0	0	4.3
BARBADOS												
HUGHAN'S CMI	10	18	14	7	09	38	1535	30	1	0	0	9.3
ANTIGUA												
COOLIDGE APT	11	24	08	23	12	30	0715	23	0	0	0	13.3
GAYMAN ISLANDS												
WEST BAY	15	13	24	8	13	29	1555	1	0	0	0	6.2
GUAYANA												
GEORGETOWN BC	08	12	15	3	15	25	0350	12	0	0	0	4.3





TABLE VI - SUMMARY OF SUNSHINE RECORDS JUNE 1979

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)							
	5-8	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	0-1-3.0	3-1-6.0	6-1-9.0	9-1-12.0	MORE THAN 12	
	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0	0	0	0	0	
BELIZE																								
BELIZE APT	0	23	52	65	75	71	69	69	62	60	54	49	34	2	205.3	52	11.9	5	4	8	8	0		
BELMOPAN	1	15	22	40	40	58	58	51	42	43	33	31	19	1	136.7	35	11.9	4	0	10	9	4	3	0
BIG FALLS	0	23	46	53	61	66	55	51	59	54	51	37	24	1	174.0	44	11.4	5	0	6	10	6	6	0
TOLPIDO	0	2	14	12	31	44	50	55	55	51	45	32	22	2	124.1	31	11.5	5	1	11	10	4	3	0
GUYANA																								
ANNA REGINA	0	33	61	69	69	70	74	69	60	55	40	37	13	0	195.0	52	11.2	28	1	4	6	13	6	0
EBINI	0	9	27	45	58	69	63	64	70	63	53	39	17	0	173.3	47	9.0	2	0	2	13	15	0	0
PELEMSHIP	0	8	30	47	61	75	69	69	63	58	45	34	10	0	170.6	46	10.7	19	0	5	10	13	2	0
GEORGETOWN BG	0	1	13	45	45	54	51	58	62	66	64	60	23	0	162.9	43	9.8	12	1	4	12	9	4	0
KAWARANG	0	1	4	27	48	58	50	55	57	54	46	36	9	0	133.5	36	7.9	21	0	7	17	6	0	0
MALDONY																								
MALDONY	0	6	19	23	37	42	39	52	61	64	53	46	25	0	140.3	37	10.3	19	0	8	10	8	1	0
MOW REPOS	0	12	28	47	51	62	63	69	70	69	69	63	29	0	189.4	51	10.4	19	0	4	7	12	6	0
NEW AMSTERDAM	0	17	40	42	53	56	67	70	64	67	59	52	20	0	161.9	49	10.7	30	0	9	4	10	7	0
SKELLOW FRONT	0	18	37	56	68	68	65	54	58	57	48	38	28	0	176.9	48	9.5	8	0	4	11	13	2	0
TIKOKU SITE	0	9	47	61	53	65	60	51	54	41	22	14	1	0	143.3	38	8.2	19	0	8	13	9	0	0
TIMBERL APT	0	13	34	44	41	47	43	47	49	48	39	29	14	0	133.8	36	11.0	1	0	12	8	8	2	0



Monthly

Weather

Summary

SILVER SPRING CENTER  
 N.O.A.A.  
 U. S. Dept. of Commerce

July to September

MONTHLY WEATHER SUMMARY

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

July to September  
1979

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Table III:	Summary of agrometeorological observations
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TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1979

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (height)				VISIBILITY (No of Observations)								
			DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %			MEAN AMT	Number of Observations			yards	yards							
										0	1-3	4-7		8-9	0	1-4	5-8	9-10			
GUYANA																					
FRIENDSHIP			09 77.2	75.6	29.4	92															
		15	85.5	78.3	29.8	71															
GEORGETOWN BC	7	09	78.4	75.9	29.5	89	1015.3	4.6	0	5	25	1	0	0	0	1	15	15			
		15	84.3	78.1	30.0	75	1013.6	7.7	0	4	9	15	3	0	1	0	0	4	26		
GREAT FALLS		09	75.6	74.5	28.5	94															
GREAT FALLS		15	84.9	79.5	32.0	78															
ITABRU FALLS		09	75.8	74.9	29.0	95															
		15	87.2	78.8	29.8	68															
KAIETEUR FALLS		09	72.3	71.0	25.4	94	1017.2	1.2	0	0	1	26	0	0	0	1	1	25	0		
		15	81.0	74.5	26.3	73	1013.7	3.2	0	1	7	18	0	0	0	0	0	6	20		
KAWARANG	1625	09	71.3	70.1	24.6	94	1017.7	1.4	0	2	11	16	2	0	0	0	0	16	15		
		15	81.3	73.7	25.0	68	1013.8	5.1	0	2	19	10	0	0	0	0	0	5	26		
MARARUMA	168	09	76.2	75.1	29.3	95	1014.8	2.9	0	6	7	15	3	0	0	1	0	3	14	13	
		15	81.6	77.3	30.2	82	1012.9	5.2	0	1	9	18	3	0	0	1	1	0	16	13	
MARATCONY	6	09	79.2	76.3	29.6	87															
MARATCONY	6	15	84.3	77.7	29.5	73															
MON REPOS		09	77.2	74.8	28.4	89															
		15	83.3	79.7	33.0	85															
NEW AMSTERDAM	3	09	78.7	76.2	29.8	89	1015.4	1.9	0	0	12	16	3	0	0	0	0	16	15		
		15	85.0	78.8	30.9	75	1013.7	6.3	0	0	14	15	2	0	0	0	0	5	26		
SKELDGH FRONT		09	78.4	75.5	28.9	87															
		15	84.8	77.0	28.3	69															
TIBOKU SITE		09	75.6	74.6	28.8	95															
		15	86.1	78.7	30.3	71															
TIMEHRI APT	100	03	73.7	73.2	27.7	98	1014.2	1.2	4.7	3	12	11	2	0	1	0	0	3	23	0	
TIMEHRI APT	100	09	76.7	75.0	28.9	92	1015.7	1.6	5.1	0	7	16	1	0	0	0	0	0	19	12	
		15	85.2	77.2	28.3	69	1013.2	4.8	6.0	0	10	20	1	0	0	0	0	1	2	18	10
		21	76.3	74.8	28.8	93	1014.2	1.7	4.4	0	8	10	11	2	0	0	0	0	0	23	8



TABLE II SUMMARY OF DAILY OBSERVATIONS JULY 1979

COUNTRY STATION	RAINFALL (inches)			AIR TEMPERATURE °F					MEAN GRASS MIN °F			NO OF DAYS WITH			
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN			MEAN MIN 8	MEAN 1/2 (A+B)	EXTREMES		TOTAL SUNSHINE DURATION HR	THUNDER	FOG	HALE	GALE
				.04	.40	1.00			MAX	MIN					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
<b>TRINIDAD</b>															
CENTENO	15.44	2.70	1	24	11	4	86.4	72.3	79.4	90	68				
PENAL	9.55	1.90	1	20	8	2	86.7	73.0	79.9	89	70				
ST. AUGUSTINE UWI	14.41	2.58	1	21	9	5	86.8	72.2	79.5	90	69	2	0	0	0
<b>TOBAGO</b>															
CROWN POINT APT	9.79	1.46	19	24	9	3	86.1	75.6	80.9	89	72	3	0	0	0
LOUIS D'OR	15.94	2.03	30	24	11	7	85.4	75.1	80.3	87	72				
<b>GRENADA</b>															
MIRABEAU	16.22	4.06	2	22	8	6	85.0	73.4	79.2	86	71				
PEARLS APT	14.56	2.53	2	22	10	7	85.7	74.4	80.1	87	70				
<b>BARRADOS</b>															
G. ADAMS APT	6.47	1.28	5	17	5	2	85.5	78.1	81.8	87	73				
GIBBONS BOGGS	6.02	1.19	29	18	5	1	87.0	75.8	81.4	89	72				
HUSBANDS CRT	6.44	1.14	17	17	7	1	86.4	72.9	79.7	88	70				
<b>ST. VINCENT</b>															
CAMEL PARK	15.91	2.12	11	23	16	7	87.3	75.4	81.4	95	70				
<b>ST. LUCIA</b>															
ROSEAU WINDMILL	9.13	.95	17	19	11	0	87.0	73.0	80.0	89	68				
UNTON	8.40	1.48	3	19	9	2	85.4	77.3	81.4	88	73				
VIGIE APT	8.98	1.40	12	18	9	2	87.1	76.7	81.9	89	73				
<b>DOMINICA</b>															
MEEVILLE HALL APT	9.24	2.64	17	15	5	2	86.4	75.4	80.9	88	71				
<b>ANTIGUA</b>															
COOLIDGE APT	4.46	2.19	17	11	2	2	86.0	78.1	82.1	88	72				
<b>ST. KITTS/NEVIS</b>															
LA GUERITE	2.38	.51	26	14	1	0	87.8			90					
NATIONAL /CRIC. CORP.	4.89	1.65	6	15	4	1	88.4	77.5	83.0	93	74				
<b>CAYMAN ISLANDS</b>															
WEST BAY	10.85	3.21	22	9	4	4	89.2	77.7	83.5	92	70				

TABLE II SUMMARY OF DAILY OBSERVATIONS JULY 1979

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	DAYS WITH OR MORE THAN		MEAN	MEAN MIN	MEAN MAX	MEAN ±(A-B)	EXTREMES MAX MIN			THUNDER	FOG	HALE	GALE		
			-0.4	-0.1												0	1.00
BELIZE																	
BELIZE APT	12.25	2.74	6	21	8	5	88.5	76.1	82.3	91	71	74.8	237.8	9	2	0	0
BELOPAN	13.91	4.03	10	16	8	4	89.8	70.7	80.3	96	68		193.5				
BIG FALLS RANCH	17.30	4.72	1	22	8	5	89.4	73.1	81.3	93	70	72.5	209.1				
CENTRAL FARM	8.95	1.97	1	18	8	2	90.9	71.2	81.1	95	68			9	17	0	0
TOLEDO	31.98	7.10	2	24	15	11	88.4	72.7	80.5	94	70		204.2				
GUYANA																	
BARTICA POTARO ROAD																	
DANA	12.55	2.08	10	23	15	5	88.7	68.1	78.4	98	60						
ESINI	16.67	4.24	10	23	14	4	88.3	72.5	80.4	92	70	70.8	197.5	12	15	0	0
FRIDESHIP	13.70	2.78	10	24	12	5	89.9	72.4	81.2	94	70		205.4				
GEORGETOWN BG	14.00	2.43	8	23	11	4	86.6	74.4	80.5	88	71	72.1	198.3	11	0	0	0
GREAT FALLS	8.02	1.32	11	18	9	1	87.1	72.5	79.8	91	70	71.5		21	27	0	0
ITABRU FALLS	6.99	1.43	7	17	7	1		72.9		71	71	72.4					
KATIEUR FALLS	9.58	1.61	6	20	7	3		69.2		68	68	68.5	127.2	23	11	0	0
KAMARANG	9.14	2.58	10	18	8	2	83.6	67.3	75.5	89	66	65.5	179.6	6	1	0	0
MABARUMA	10.03	2.07	11	23	10	1	84.9	72.4	78.7	90	69			15	2	0	0
MACKENZIE	12.31	2.20	1	17	9	5	92.3	73.5	82.9	96	70						
MAULICORY	11.89	2.57	28	17	10	5	85.3	75.2	80.3	87	72		201.2	6	2	0	0
MON REPOS	11.67	2.21	6	18	10	4	86.4	73.0	79.7	89	70		216.8				
NEW AMSTERDAM	9.43	1.89	7	20	12	1	86.8	72.9	79.9	89	91		231.8	7	0	0	0
SKELDON FRONT	15.23	2.84	7	20	12	6	87.1	72.1	79.6	91	69		239.3				
TIBOND SITE	14.45	2.61	29	22	12	5	87.6	72.4	80.0	90	70	70.1	188.4	23	1	0	0
TIMHRI APT	13.46	2.84	10	26	10	3	87.5	71.4	79.5	91	69		170.9	16	10	0	0



TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS JULY 1979

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	.50	.65	.70	.86	1.08	1.84	2.14	2.29
PENAL	.32	.40	.50	.71	.71	.92	1.07	1.14
ST. AUGUSTINE UWI		.65	.90	1.40	1.82	2.07	2.20	2.20
TOBAGO								
CROWN POINT APT	.24	.35	.47	.62	.64	.97	1.34	1.41
LOUIS D'OR					1.76	1.76	2.03	2.03
BARBADOS								
G. ADAMS APT		.13	.24	.43	.48	.63	.72	.78
GIBBONS BOGGS	.44	.44	.44	.44	.44	.46	.59	.66
HUSBANDS CMI	.14	.24	.32	.48	.64	.64	1.11	1.11
ST. LUCIA								
UNION	.40	.44	.48	.54	.64	.66	1.02	1.48
CAYMAN ISLANDS								
WEST BAY	.46	.89	1.04	1.38	1.99	2.00	2.82	3.14
GUYANA								
DAWA	.48	.56	.60	.93	1.35	1.47	1.66	1.79
ITABRU FALLS	.20	.36	.52	.68	.68	.74	.98	.98
KATETEUR FALLS	.25	.40	.54	1.01	1.28	1.45	1.60	1.60
MARANG	.26	.44	.60	.70	.76	1.03	1.47	2.27
MABARUMA	.24	.32	.52	1.00	1.40	1.97	2.07	2.07
MAHAICONY	.50	.65	.82	.98	1.16	1.45	2.16	2.57
NEW AMSTERDAM	.26	.40	.62	.83	1.13	1.68	2.04	2.34
ST. FRANCIS MISSION	.76	1.01	1.34	2.16	3.79	4.60	4.90	4.90
SKELDON FRONT	.58	.80	1.04	1.20	1.44	2.40	3.05	3.75
TIBOKU SITE	.52	.60	.97	1.39	2.00	2.61	2.61	2.61
TIMEHRI APT	.36	.49	.55	.77	1.45	1.88	2.36	2.53

TABLE V - SUMMARY OF WINDSPEED RECORDS JULY 1979

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	02	13	12	5	02	41	1450	17	1	0	0	4.2
PIARCO APT	08	15	20	1	09	39	1935	1	1	0	0	4.7
BARBADOS												
HUSBANDS CMI	08	19	10	2	08	31	0950	2	0	0	0	8.0
ANTIGUA												
COOLIDGE APT	11	21	5	30	16	37	1050	17	2	0	0	13.0
CAYMAN ISLANDS												
WEST BAY	14	20	23	5	14	39	2240	5	4	0	0	7.5

















TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS AUGUST 1979

COUNTRY STATION	RUN OF WIND (in miles)		EVAPORATION (inches)		SOIL TEMPERATURES °F								TOTAL RADIATION (langleyes)		
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	At 2 inch depth				At 4 inch depth				TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
					MEAN		EXTREME		MEAN		EXTREME				
					MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN			
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE				
TRINIDAD															
CENTENO	54	98	5.62	.33											
PENAL	51	86	6.22	.34											
ST. AUGUSTINE TMI															
TORAGO	44	62	4.81	.23											
CROWN POINT APT															
LOUIS D'OR	64	141	6.61	.39	10										
GRENADA															
MIRANEAU	76	145													
BARBADOS															
GIBBONS EGGS	112	189	6.72M	.37	27										
RICHARDS CMI	101	200	6.27	.34	9										
ST. LUCIA															
ROSEAU WINNAN	55	89	5.56M	.36	20										
UNION	65	93	5.43	.26	8									16459	676 285
CAYMAN ISLANDS															
WEST BAY	85	140	7.38	.30	8									16891	643 346
BELIZE															
BELIZE APT	88	137													
RIG FALLS RANCH	65	136													
CENTRAL FARM	29	55													
TOLENO	30	51													
GUYANA															
DAMA	47	86	5.63	.28	12										
EBINI	52	87	6.36	.29	6										
FRIENDSHIP	37	50	7.22	.33	11										
GEORGETOWN BG	74	115	7.20	.35	24										
GREAT FALLS	1	2	4.58	.29	6										
ITABRU FALLS	11	28	4.92	.23	5										
KAMARANG			5.29	.38	28									13299	549 194
LES BEHOLDEN	35	72													
MAHAICONY	93	147	6.75	.32	5										
NEW AMSTERDAM	73	114	6.16	.27	26									14715	572 260

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS AUGUST 1979

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	.72	.92	1.40	1.99	2.11	2.81	2.90	2.94
PENAL	.24	.36	.44	.86	.95	.95	1.67	1.70
ST. AUGUSTINE UWI		.70	.75	.80	1.00	1.12	1.59	1.59
TOBAGO								
CROWN POINT APT	.36	.43	.52	.69	1.01	1.02	1.02	1.02
LOUIS D'OR	.54	.54	.58	.92	1.11	1.28	1.35	1.51
BARBADOS								
G. ADAMS APT			.70	.72	.72	.72	.84	.84
GIBBONS BOGGS	.65	.71	.71	.85	.91	.99	1.14	1.38
HUSBANDS CMI	.42	.58	.58	.68	1.09	1.17	1.79	2.14
ST. LUCIA								
UNION	.40	.48	.62	.70	.75	1.19	1.61	1.63
CAYMAN ISLANDS								
WEST BAY	.44	.62	1.00	1.19	1.21	1.47	1.77	2.11
GUYANA								
APAUKWA	.16	.19	.23	.35	.45	.59	.82	.83
DAWA	.40	.52	.61	.67	.84	.93	1.22	1.33
EBINI	.37	.65	1.11	1.23	1.27	1.41	1.56	1.62
FRIENDSHIP	.69	.93	1.13	1.32	1.89	1.98	2.26	2.34
GREAT FALLS	.40	.60	.91	1.42	1.94	1.97	1.99	2.00
ICABRU FALLS	.42	.55	.75	1.05	1.14	1.39	1.42	2.00
KAMARANG	.25	.44	.57	.73	1.17	2.00	2.14	2.60
MABARUMA	.32	.40	.60	.88	1.20	1.40	1.40	1.40
MAHAICONY	.21	.34	.35	.49	.53	.68	.71	.71
NEW AMSTERDAM	.47	.55	.68	.68	.72	.76	1.20	1.25
SKELDON FRONT	.46	.62	.66	.70	.70	.70	.70	.70
TIMEHRI APT	.32	.57	.69	.70	.75	1.33	1.33	1.33

TABLE V - SUMMARY OF WINDSPEED RECORDS AUGUST 1979

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	14	11	13	12	27	1100	26	0	0	0	3.7
PIARCO APT	08	16	12	26	09	25	1655	9	0	0	0	3.9
TORAGO												
CROWN POINT APT	13	16	09	30	16	24	1650	25	0	0	0	5.3
BARBADOS												
HUSBANDS CMI	13	14	14	29	13	28	1345	29	0	0	0	6.8
ANTIGUA												
COOLIDGE APT	11	38	17	29	15	55	2325	29	21	8	0	14.1
CAYMAN ISLANDS												
WEST BAY		18	22	3		30	2135	3	0	0	0	5.5
GUYANA												
GEORGETOWN BG	06	14	14	26	06	20	1350	26	0	0	0	5.4

TABLE VI - SUMMARY OF SUNSHINE RECORDS AUGUST 1979

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)						MORE THAN 12		
	0-1		1-2		2-3		3-4		4-5		5-6						6-7		7-8		8-9				
	0	1	0	1	0	1	0	1	0	1	0	1					0	1	0	1	0	1			
TRINIDAD																									
CENTENO	0	29	69	71	74	82	74	69	66	56	52	45	24	0	220.9	57	11.3	5	0	5	6	12	8	0	0
PIRACO APT	0	41	69	70	74	75	61	62	58	52	46	42	23	0	208.5	54	11.5	22	0	6	6	11	8	0	0
ST. AUGUSTINE UMI	0	24	67	80	79	70	60	57	53	54	56	40	10	0	201.2	52	10.6	12	0	4	9	13	5	0	0
TOBAGO																									
CROWN POINT APT	0	29	71	72	73	69	56	55	66	69	60	52	22	0	215.0	55	11.2	9	1	5	4	8	13	0	0
LOUIS D'OR	0	16	71	78	79	75	70	70	65	72	66	55	12	0	226.7	58	10.6	20	0	3	7	10	11	0	0
GRENADA																									
MIRABEAU	0	19	40	53	71	60	58	61	60	57	47	25	2	0	171.7	44	10.0	22	0	8	7	12	4	0	0
BARBADOS																									
G. ADAMS APT	0	27	68	75	85	87	82	78	75	72	66	64	28	0	250.4	64	11.5	5	1	2	2	11	15	0	0
GIBBONS BOGGS	0	27	68	75	80	84	83	75	75	67	60	62	29	0	243.0	62	11.7	10	0	4	2	11	14	0	0
HUSBANDS CMI	0	27	68	69	76	79	75	72	68	66	61	58	38	1	234.4	60	12.0	10	1	3	5	6	12	1	0
ST. LUCIA																									
VICIE APT	0	9	44	57	72	76	65	63	69	73	62	61	17	0	206.6	53	10.2	20	1	5	5	11	9	0	0
DOMINICA																									
MELVILLE HALL APT	0	42	81	88	88	82	76	84	80	81	69	56	16	0	261.1	66	10.7	20	0	1	1	13	14	0	0



TABLE VI - SUMMARY OF SUNSHINE RECORDS AUGUST 1979

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)												TOTAL DURATION (hour)	PERCENT OF POSSIBLE IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)					MORE THAN 2 FROM																					
	0-1	1-2	2-3	3-4	4-5	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																			
CAYMAN ISLANDS																																										
WEST BAY	1	54	89	96	98	94	81	79	77	75	79	71	60	1	296.0	75	12.0	7	0	0	4	6	21	0																		
BELIZE																																										
BELIZE APT	0	14	46	59	65	74	61	58	60	58	60	42	20	0	191.9	49	10.7	14	2	5	8	8	8	0																		
BIG FALLS RANCH	0	17	48	54	65	64	54	49	51	46	38	42	20	0	170.0	43	10.8	3	1	8	10	5	7	0																		
GUYANA																																										
ANNA REGINA	0	31	68	83	81	77	74	77	77	78	71	74	34	0	255.1	67	11.5	1	0	2	4	8	17	0																		
EBINI	0	22	54	75	89	92	86	80	73	76	64	55	21	0	244.0	64	11.4	4	0	1	7	10	12	0																		
FREEDSHIP	0	29	71	83	92	94	90	74	72	71	70	59	25	1	257.7	68	11.3	18	0	1	5	13	12	0																		
GEORGETOWN BG	0	9	48	70	77	72	78	84	83	86	81	76	34	0	247.6	65	11.7	18	0	3	3	11	14	0																		
KAMARANG	0	2	22	48	72	82	83	78	69	68	49	46	18	0	197.4	52	9.9	31	0	3	9	15	4	0																		
MAHALOOFY	0	18	57	61	72	71	73	77	82	83	74	69	37	0	240.3	63	11.3	18	0	4	2	11	14	0																		
MAZARUNI	0	9	43	61	73	74	67	60	53	43	35	37	8	0	174.1	46	10.2	27	0	7	10	10	4	0																		
MOV REPOS	0	27	57	75	76	80	82	83	84	86	87	80	34	0	263.6	68	10.9	18	0	3	2	7	19	0																		
NEW AMSTERDAM	0	23	66	79	81	81	84	85	86	90	88	79	27	0	296.6	70	11.2	18	0	1	2	11	17	0																		
TIMEHRI APT	0	21	55	68	67	64	68	57	58	63	58	49	23	0	202.0	53	10.3	27	0	5	4	11	7	0																		





TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1979

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 (eighths)					VISIBILITY (No. of Observations)					
			MEAN TEMPERATURE		REL HUM	MEAN WIND SPEED kt			0	1-4	5-9	10-14	15-19	20-24	0	1-1000	1000-1500	1500-2000	2000-2500
			DRY BULB °F	WET BULB °F															
								0	1	2	3	4	5	6	7	8	9		
GUYANA																			
FRIENDSHIP GEORGETOWN BG	7	15 09	88.6	78.0	29.2	63													
		15 15	82.0	77.7	30.6	82	1013.4	5.1	5.0	0	9	6	15	0	0	1	0	0	8
GREAT FALLS		09 09	86.3	78.7	30.1	70	1011.6	7.5	4.7	0	4	15	11	0	0	0	0	0	9
		15 15	76.2	74.8	28.7	93													21
		15 15	88.4	81.4	33.8	74													
ITABRU FALLS		09 09	77.6	76.0	32.3	92													
		15 15	89.9	80.0	30.5	64													
KAITHEUR FALLS		09 09	73.1	71.5	25.6	92	1015.4	1.1	6.9	0	1	4	23	2	0	0	0	1	25
		15 15	83.1	75.0	26.2	60	1011.2	2.4	5.4	0	1	13	16	0	0	0	0	0	6
KAWARANG	1625	09 09	72.8	71.0	25.1	91	1015.6	1.6	4.9	0	6	9	14	0	1	0	0	0	17
	1625	15 15	83.9	75.0	25.7	65	1011.0	4.5	4.3	0	2	22	6	0	0	0	0	0	6
KAWARANG LES BEFOLDEN		09 09	81.0	77.7	30.9	86													
		15 15	85.2	80.0	32.5	79													
MBARUMA	168	09 09	78.5	76.6	30.3	91	1012.4	3.4	4.8	0	6	10	14	0	0	0	0	0	6
		15 15	82.7	77.6	30.1	79	1009.9	4.5	6.0	0	0	8	21	1	0	0	0	0	18
MAHALCONY	6	09 09	82.1	77.6	30.3	81													
		15 15	86.1	78.3	29.5	69													
MON REPUS		09 09	81.0	77.3	30.3	84													
		15 15	84.9	79.3	32.0	78													
NEW AMSTERDAM	3	09 09	82.2	77.7	30.5	81	1013.5	6.3	4.7	0	3	15	12	0	0	0	0	0	16
	3	15 15	87.4	79.1	30.2	68	1011.5	7.9	4.7	0	3	16	10	1	0	0	0	0	12
NEW AMSTERDAM SKELDON FRONT		09 09	81.6	77.4	30.1	82													
		15 15	85.3	76.4	27.0	65	1011.7	0.2	3.4	2	9	9	6	1	0	0	2	0	23
TINCHRI APT	100	03 09	74.4	73.6	28.0	97	1013.5	2.6	3.8	0	10	7	9	0	0	0	0	0	19
		09 09	79.3	76.6	30.1	88													
	100	15 15	86.0	76.9	27.5	65	1010.6	5.1	6.0	0	2	3	21	1	0	0	1	0	13
TINCHRI APT		21 21	77.3	75.5	29.4	92	1011.8	1.1	4.9	1	6	5	14	1	0	0	0	0	19



TABLE II SUMMARY OF DAILY OBSERVATIONS SEPTEMBER 1979

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			MEAN	EXTREMES	F O I L	O I L	I L	W V S		
				.04	.40	1.00										MAX	MIN
BELIZE																	
BELIZE APT	7.85	2.64	5	10	4	3	87.7	74.3	81.0	93	69	74.2	163.4	9	1	0	0
BIG FALLS	7.30	2.57	15	13	5	3	89.2	72.2	80.7	93	67	71.4	159.2				
CENTRAL FARM	14.13	3.21	14	19	9	5	89.1	71.6	80.4	95	68			3	18	0	0
TOLEDO	17.97	2.90	20	17	13	7	88.4	71.9	80.3	94	68						
GUYANA																	
DANA	7.88	1.67	12	13	5	3	78.9	72.3	75.6	90	69						
ERINI	6.40	3.13	28	11	4	2	91.1	72.8	82.0	95	70	71.6	239.2	13	19	0	0
FRIENDSHIP	11.27	2.67	1	13	6	4	91.6	72.2	81.9	95	68						
GEORGETOWN HG	3.03	1.69	12	5	3	1	88.9	76.2	82.6	91	74	73.0	227.4	11	1	0	0
GREAT FALLS	8.41	1.73	10	17	7	3	90.0	72.0	81.0	92	70	70.4	247.4	5	8	0	0
ITABRU FALLS	6.50	2.16	16	14	5	1	72.7			71	71	72.4					
KAITIUR FALLS	10.39	1.70	23	15	9	3	86.0	69.0	77.5	89	67	67.6	179.8	18	10	0	0
KEMANG	4.25	1.40	5	12	3	1	86.8	67.3	77.0	91	65	65.5	206.1	9	3	0	0
LES LEHOLDEN							90.7	74.0	82.4	93	71						
MABAROMA	8.50	1.88	8	19	8	1	87.6	73.1	80.4	91	71			22	2	0	0
MACKENZIE	10.27	2.64	28	15	8	2	91.9	74.5	83.2	98	72						
MARALCONY	4.44	1.29	16	10	5	1	87.4	75.8	81.6	90	72	232.3		14	0	0	0
MOM REPOS	3.09	1.03	22	6	4	1	88.6	74.9	81.8	92	71	240.3					
NEW AMSTERDAM	3.93	2.18	16	9	2	1	89.5	73.5	81.5	92	71	247.6		8	0	0	0
SHELFON FRONT	5.38	1.85	16	10	3	2	90.1	75.5	82.8	93	72	260.9					
TIMEURI APT	5.66	1.73	5	15	1	1	90.3	71.7	81.0	93	69	184.3		8	5	0	0



TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS SEPTEMBER 1979

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	.43	.92	1.36	1.90	2.31	2.63	2.84	3.01
PENAL	.48	.68	1.00	1.36	1.87	2.55	3.01	3.01
ST. AUGUSTINE UWI		.43	.60	.91	.95	1.19	1.26	1.26
TOBAGO								
CROWN POINT APT	.41	.51	.68	.87	1.06	1.13	1.67	2.48
LOUIS D'OR	.60	.72	1.00	1.20	1.84	2.56	3.22	3.60
BARBADOS								
G. ADAMS APT	.39	.50	.60	.62	.62	.73	.75	.75
GIBBONS BOGGS	.59	.59	.59	.78	1.34	1.78	2.13	2.39
HUSBANDS CMI	.24	.42	.52	1.00	1.38	1.65	2.25	2.75
ST. LUCIA								
UNION	.52	.60	.66	.72	1.27	1.72	2.26	2.50
GAYMAN ISLANDS								
WEST BAY	.45	.66	.74	.93	1.50	1.92	3.05	4.23
GUYANA								
APAIKWA	.36	.56	.60	.78	1.17	1.47	2.19	2.19
BEINI	.58	.95	1.40	2.28	2.92	3.03	3.05	3.13
FRIENDSHIP				1.96	2.36	2.78	3.38	3.38
GEORGETOWN BG	.20	.24	.40	.61	.62	.62	.63	.63
GREAT FALLS	.48	.76	.82	.96	1.00	1.70	1.72	1.73
ITAERU FALLS			.69	1.11	1.11	1.26		1.88
KAMARANG	.28	.56	.80	1.03	1.12	1.12	1.13	1.28
MABARUMA	.32	.44	.60	1.00	1.29	1.51	1.86	1.86
MACKENZIE	.44	.84	1.36	1.92	2.48	2.63	2.64	2.64
MAHAICONY	.32	.56	.58	.60	.89	.94	1.09	1.09
SKELDON FRONT	.40	.62	.98	1.69	1.81	1.81	1.81	1.82
TIMEHRI APT	.28	.46	.60	.70	.92	1.17	1.72	1.72



TABLE V - SUMMARY OF WINDSPEED RECORDS SEPTEMBER 1979

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	14	14	11	22	28	1210	8	0	0	0	3.8
PIARCO APT	08	14	09	9	07	27	0820	9	0	0	0	3.9
TOBAGO												
CROWN POINT APT	32	15	11	3	36	29	1045	3	0	0	0	5.8
BARBADOS												
HUSBANDS CMI	12	10	13	3	12	20	1015	30	0	0	0	5.3
ANTIGUA												
COOLIDGE APT	03	32	06	3	03	49	0540	3	21	2	0	11.1
CAYMAN ISLANDS												
WEST BAY	17	19	10	11	17	36	1530	20	3	0	0	6.9







British Honduras



Cayman Is.



Jamaica



Br. Virgin Is.



Anguilla



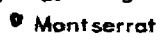
Barbuda



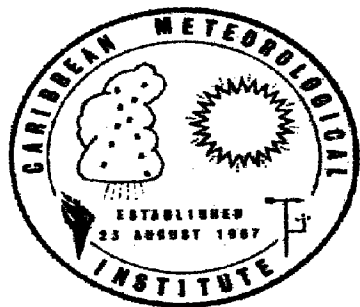
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Nevis



Antigua



Montserrat



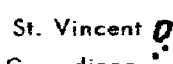
SILVER SPRING CENTER  
NOAA  
U. S. Dept. of Commerce



Dominica



St. Lucia



St. Vincent  
Grenadines



Barbados



Grenada



Tobago



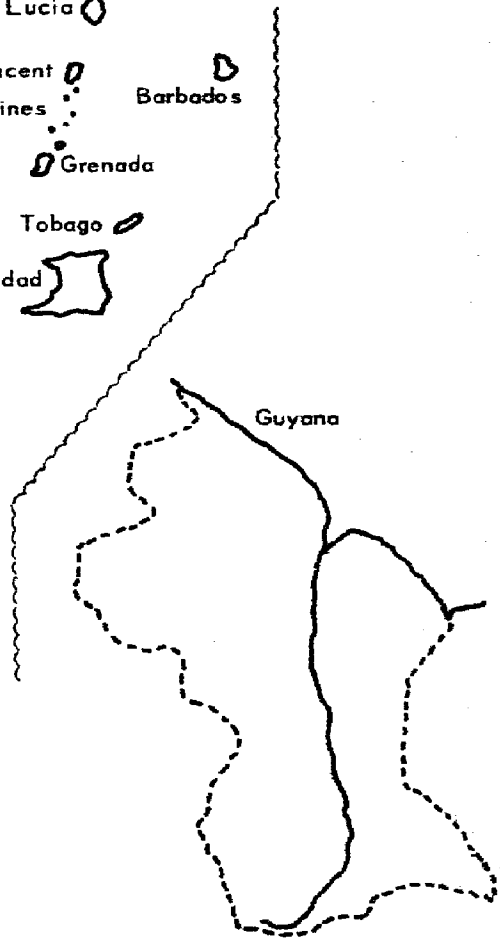
Trinidad

Guyana

Monthly

Weather

Summary



MONTHLY WEATHER SUMMARY

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

October to December  
1979

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TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1979

COUNTRY STATION	HEIGHT ABOVE MSL ft	TIME	MEAN TEMPERATURE AND HUMIDITY			MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (feet)			VISIBILITY (No of Observations)												
			DRY BULB		WET BULB			MEAN	ANT	Number of Cloud Types			Feet										
			°F	°C	°F					0	1-2	3-5	6-9	0	1-2	3-4	5-9	10-14	15-19	20-24	25-30		
<b>ST. LUCIA</b>																							
ROSEAU WINBAN		09	83.3	77.9	89.9	77																	
UNION		08	83.1	78.0	30.6	79																	
VIGIE APT		08	82.4	78.1	31.0	82	1012.7	4.7	4.5	0	8	13	9	1	0	0	0	2	1	28			
		14	86.0	79.4	31.2	74	1011.1	8.9	5.3	0	2	13	14	2	0	0	0	0	0	1	30		
<b>DOMINICA</b>																							
MEVILLE HALL APT		08	81.0	77.7	31.1	86	1014.0	4.5	5.4	0	1	15	12	3	0	0	0	0	0	15	16		
		14	84.2	79.2	32.0	80	1012.2	6.3	5.2	0	2	13	15	1	0	0	0	0	0	3	6	22	
<b>ANTIGUA</b>																							
COOLIDGE APT	26	02	79.2	76.6	30.1	89	1012.5	8.6	3.7	0	8	16	7	0	0	0	0	0	0	1	30		
		08	81.6	78.2	31.3	85	1013.9	9.3	4.8	0	4	13	14	0	0	0	0	0	0	2	29		
		14	83.5	78.8	31.5	80	1012.2	10.3	5.2	0	1	14	15	1	0	0	0	0	0	3	28		
		20	79.7	77.0	30.4	87	1013.3	8.2	3.7	0	10	13	6	2	0	0	0	0	0	1	30		
<b>ST. KITTS/NEVIS</b>																							
GOLDEN ROCK APT		08	81.6	77.2	29.9	81	1014.7	8.4	4.4	0	3	17	11	0	0	0	0	0	0	0	31		
		14	83.7	75.4	29.0	74	1012.9	10.3	4.4	0	4	19	6	1	0	0	0	0	0	0	28		
LA GUERITE	158	09	83.5	78.4	31.2	79																	
<b>BRITISH VIRGIN ISLANDS</b>																							
PARAQUITO BAY		08	86.0																				
<b>CAYMAN ISLANDS</b>																							
WEST BAY		09	82.5	78.3	31.2	82		6.1	4.3	0	14	5	5	7	0	0	0	0	0	0	0		
<b>BELIZE</b>																							
BELIZE APT	17	00	76.2	75.2	29.4	95	1011.9	2.2	2.2	0	8	11	5	7	0	0	0	0	0	2	15	14	
		06	74.9	74.2	28.5	97	1011.8	2.6	6.5	0	0	7	14	10	0	0	0	1	2	3	20	5	
		12	82.6	77.0	29.1	77	1011.7	6.5	6.3	0	0	6	22	3	0	0	0	1	2	0	1	6	21
		18	79.1	76.6	30.1	89	1010.5	2.5	5.5	0	7	4	15	5	0	0	0	0	0	1	11	19	



TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1979

COUNTRY STATION	HEIGHT ABOVE MSL H	HOUR LIST	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL	MEAN WIND SPEED KT	TOTAL CLOUD AMOUNT (LIGHT)					VISIBILITY (No. of Observations)													
			DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %			MEAN	Number of Observations					Feet												
									0	1, 2	3-5	6, 7	8	9	0	1	2	3	4	5	6	7	8	9			
GUYANA																											
DAMA																											
		09	80.5	78.0	31.7	89																					
		15	86.1	79.4	31.2	73																					
EBINI																											
	94	09	79.0	76.4	29.9	88																					
		15	88.7	78.1	28.1	61																					
GEORGETOWN BG																											
	7	09	83.0	78.5	31.3	81	1012.8	5.5	5.4	0	1	13	16	1	0	0	0	0	0	0	0	0	0	0	13	18	
GEORGETOWN BG GREAT FALLS																											
	7	15	85.7	79.3	31.3	75	1010.9	9.1	5.5	0	2	11	14	4	0	0	0	0	0	0	0	0	0	1	13	17	
		09	76.6	75.4	29.5	94																					
		15	88.2	82.0	33.5	74																					
ITAPERU FALLS																											
		09	78.2	76.5	30.4	92																					
		15	90.8	80.4	30.7	62																					
KAMARANG																											
	1625	09	73.0	71.2	25.3	91	1015.2	1.1	5.7	0	1	11	16	3	0	0	0	0	0	0	0	0	0	1	12	18	
		15	83.5	74.9	25.8	66	1010.5	4.7	5.3	0	1	15	15	0	0	0	0	0	0	0	0	0	0	0	3	28	
MAHAICONY																											
	6	09	82.9	77.9	30.3	79		4.5	5.1	0	0	20	10	0	0	0	0	0	0	0	0	0	0	0	1	29	
		15	85.6	78.1	29.5	70		7.4	5.0	0	4	11	15	0	0	0	0	0	0	0	0	0	0	0	9	21	
MON REPOS																											
		09	82.3	77.9	30.6	81																					
MON REPOS																											
		15	84.2	79.9	32.8	82																					
NEW AMSTERDAM																											
	3	09	83.2	78.3	31.5	81	1012.9	5.1	4.8	0	1	21	8	1	0	0	0	0	0	0	0	0	0	0	13	18	
		15	86.9	79.2	30.6	70	1010.7	7.6	5.1	0	4	12	14	1	0	0	0	0	0	0	0	0	0	0	6	25	
TIBOKU SITE																											
		09	77.6	76.0	29.9	93																					
		15	88.0	79.7	31.0	69																					
TIMEHRI APT																											
	100	03	74.7	74.1	28.4	97	1010.6	0.2	3.7	0	13	9	8	1	0	0	0	0	0	0	0	0	3	1	3	24	0
		09	80.5	77.1	30.4	86	1012.8	2.1	4.3	0	11	6	14	0	0	0	0	0	0	0	0	0	0	0	0	18	13
		15	85.5	77.8	29.1	70	1009.7	5.4	6.3	0	7	22	2	0	0	0	0	0	0	0	0	2	0	1	2	13	13
		21	77.4	75.8	29.7	93	1011.1	1.6	5.7	0	3	5	22	1	0	0	0	0	0	0	0	0	0	2	2	23	6



TABLE II SUMMARY OF DAILY OBSERVATIONS OCTOBER 1979

COUNTRY STATION	RAINFALL (inches)			NUMBER OF DAYS WITH OR MORE THAN				AIR TEMPERATURE °F				TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH				
	TOTAL AMOUNT	MOST IN A DAY	DATE	1.00		MEAN	MEAN	EXTREMES		MEAN GRASS MIN °F	THUNDER		FOG	HAIL	DALE		
				.04	.40			MAX	MIN								
				A	B			(A+B)	MIN								
BR. VIRGIN ISLANDS																	
PARAJUTO BAY																	
	3.48	.75	14	11	4	0	86.2	62.0	74.1	88	61						
CAYMAN ISLANDS																	
WEST BAY																	
	16.05	3.63	28	19	8	6	86.4	76.3	81.4	89	73	186.1					
BELIZE																	
Belize APT																	
	22.03	5.98	10	20	11	9	86.1	73.6	79.9	90	69	73.5	176.8	7	1	0	0
BELMOPAN																	
	15.84	4.06	12	17	7	5	87.2	69.7	78.4	93	62						
BIG FALLS RANCH																	
	11.62	1.98	10	17	8	7	87.6	71.8	79.7	91	69	71.1	165.6				
CENTRAL FARM																	
	16.57	2.86	1	21	14	4	88.2	71.0	79.6	95	65		165.6	21	0	0	0
TOLEDO																	
	9.53	2.15	10	14	10	3	87.0	70.5	78.8	93	66			1	0	0	0
GUYANA																	
DAMA																	
	4.27	1.65	4	9	3	2	89.0	72.2	80.6	90	69						
EJINT																	
	5.61	2.05	21	12	3	1	90.4	73.5	82.0	93	70	72.1	236.9	9	13	0	0
GEORGETOWN BG																	
	2.95	.56	4	11	3	0	86.9	76.0	82.5	91	74	73.1	227.4	10	0	0	0
GREAT FALLS																	
	5.23	1.91	19	10	5	2	90.3	72.7	81.5	93	73	72.0		5	5	0	0
ITABRU FALLS																	
	4.51	1.92	21	8	3	3	92.2	73.8	83.0	95	71						
KOMAHANG																	
	7.12	1.98	3	14	5	2	86.9	67.7	77.3	91	63	65.9	186.9	7	1	0	0
LES BENOUDEN																	
							90.2	74.0	82.1	95	68	245.8					
MACKENZIE																	
	8.27	2.00	16	18	6	3	90.5	75.2	82.9	98	72		209.9	9	8	0	0
MAHALCONY																	
	2.07	1.02	21	7	1	1	88.0	75.6	81.8	89	72		235.9				
MON REPOS																	
	2.98	1.20	20	5	2	2	88.3	75.9	82.1	90	73						
TIBOKU SITE																	
	7.18	1.63	21	14	5	3	89.0	73.4	81.2	93	72	71.9		19	2	0	0
TIMBURI APT																	
	8.58	2.22	19	12	5	3	90.0	72.2	81.1	92	70		199.2	14	7	0	0

TABLE III—SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS OCTOBER 1979

COUNTRY STATION	RUN OF WIND (in miles)		EVAPORATION (inches)			SOIL TEMPERATURES OF										TOTAL RADIATION (langley)		
	DAILY MEAN	IN A DAY	TOTAL AMOUNT	DATE	MOST DAY	At 2 inch depth			At 4 inch depth			At 8 inch depth			TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY	
						MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN				
																		EXTREMES
MAX	DATE	MIN	MAX	DATE	MIN	MAX	DATE	MIN	MAX	DATE	MIN	MAX						
TRINIDAD																		
CENTENO	53	81	5.43		.29	28												
PEHAL	36	51	5.16		.34	12												
ST. AUGUSTINE UMI	42	60	3.97		.17	3												
TOBAGO																		
CROWN POINT APT	54	86	6.46		.37	30												
LOUIS D'OR	8	20	5.90		.36	12												
GRENADA																		
MIRABEAU	65	108																
BARBADOS																		
GIBBONS BOGGS	77	114	6.18		.34	28								14310	654	217		
HUGHANIS CMI	80	115	5.40		.27	1												
ST. VINCENT																		
CAMDEN PARK	31	105	5.16M		.28	12								12838	573	170		
ST. LUCIA																		
ROSEAU WINNAN	35	59																
UNION	31	53	4.67		.24	5								17455	717	321		
CAYMAN ISLANDS																		
WEST HAY	73	145	4.74		.25	6								12885	621	120		
BELIZE																		
BELIZE APT	61	114																
BIG FALLS RANCH	42	84																
CENTRAL FARM	10	23																
TOLEDO	25	72	4.16M		.14	14												
GUYANA																		
DANA	55	99	5.66		.25	29												
EBINI	62	89	6.49		.31	1												
GEORGETOWN BC	76	113	5.79		.32	15												
GREAT FALLS	1	4	3.75		.23	19												
ITABRU FALLS	13	25	4.66		.23	14												
KAMARANG			5.58		.32	13												
LESS BEHOLDEN	41	82																
MAHAICONY	107	169																
TIBOKU SITE	7	14	5.48		.29	9								13141	534	268		
TIMEHRI APT	61	102	5.77		.20	25								13887	505	193		

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS OCTOBER 1979

COUNTRY STATION	MAXIMUM (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								
CENTRO	.60	.68	.65	.90	.97	1.18	1.65	1.85
FERAL	.44	.80	1.00	1.60	1.75	1.79	1.79	1.79
ST. AUGUSTINE UMI	.42	.60	.83	1.07	1.36	1.36	1.48	1.48
TOBAGO								
GREEN POINT APT	.27	.34	.39	.58	.62	.76	1.02	1.02
LOUIS D'OR					1.46	1.58	1.81	2.10
BARBADOS								
G. ADAMS APT	.25	.40	.56	.75	1.00	1.93	1.93	1.93
GIBBONS BOGGS	1.00	1.30	1.50	1.77	2.22	2.34	2.34	2.34
HUSBANDS CML	.32	.56	.64	.86	1.37	1.37	1.50	1.50
ST. LUCIA								
UNION	.40	.68	.80	1.22	1.68	2.00	3.00	3.36
CAYMAN ISLANDS								
WEST BAY	.40	.61	1.03	1.99	2.66	3.23	3.30	3.56
GUYANA								
EBELI	.24	.40	.58	.77	.99	1.14	1.91	2.05
FRIELSHIF	.27	.40	.42	.54	.59	.60	1.05	1.06
GEORGETOWN BG	.11	.22	.30	.40	.48	.50	.60	.79
GREAT FALLS	.40	.72	.88	1.16	1.34	1.52	1.89	1.91
ITABRU FALLS	.26	.42	.43	.73	.90	1.02	1.66	1.92
KAMARANG	.36	.64	.84	1.68	1.91	1.96	1.96	1.97
MAHAICONY	.17	.33	.43	.65	.85	.92	1.02	1.02
TIBOKU SITE	.64	.80	.93	1.18	1.30	1.33	1.51	1.63
TIMEHRI APT	.36	.68	.92	1.83	2.03	2.22	2.22	2.22

TABLE 1 - SUMMARY OF WINDSPEED RECORDS OCTOBER 1979

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DAY	SP. SPEED	TIME OF DAY	DATE	DIR	SP. SPEED	TIME OF DAY	DATE	33	47	63	
TRINIDAD												
CENTENO	08	15	15	4	08	45	1430	4	1	0	0	3.3
PLARCQ APT	09	15	15	4	10	31	1425	4	0	0	0	4.3
TOBAGO												
CROWN POINT APT	09	15	09	4	10	24	0805	4	0	0	0	4.7
ANTIGUA												
ODOLIDGE APT	12	21	22	3	12	37	1245	13	3	0	0	9.3
CAYMAN ISLANDS												
WEST BAY	12	14	19	6	12	30	1900	6	0	0	0	5.2



TABLE VI - SUMMARY OF SUNSHINE RECORDS OCTOBER 1979

COUNTRY STATION	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)												TOTAL DURATION (hours)	PERCENT OF POSSIBLE IN A DAY	DATE	NO. OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)								
	5-6		7-8		9-10		11-12		13-14		15-16					17-18		19-20		21-22		23-24		
	0	1	0	1	0	1	0	1	0	1	0	1				0	1	0	1	0	1	0	1	
ST. KITTS/NEVIS																								
LA QUERITE	0	16	72	82	77	85	86	90	89	86	73	61	11	0	256.7	70	10.7	9	0	1	2	14	14	0
CAYMAN ISLANDS																								
WEST BAY	0	14	50	63	67	69	66	58	58	57	49	41	9	0	186.1	51	10.7	30	2	9	4	4	12	0
BELIZE																								
BELIZE APT	0	1	29	41	56	62	65	66	62	62	59	53	14	0	176.8	49	10.5	30	2	5	9	10	5	0
BIG FALLS RANCH	0	2	18	37	56	59	69	63	68	59	57	40	6	0	165.6	45	9.6	24	2	8	4	13	4	0
CENTRAL FARM	0	3	14	24	46	65	72	74	70	59	53	43	12	0	165.6	45	10.7	22	1	6	5	14	2	0
GUYANA																								
ANNA REGINA	0	16	69	74	82	92	88	89	88	81	70	48	14	1	252.0	68	11.3	14	0	1	5	12	13	0
EBINI	0	12	48	72	81	87	89	91	82	70	67	48	17	0	236.9	64	10.7	31	0	1	9	8	13	0
FRIENDSHIP	0	14	52	63	76	79	85	81	77	77	67	50	10	0	225.9	61	10.4	26	0	0	7	19	5	0
GEORGETOWN BG	0	17	61	77	77	79	75	77	79	71	60	47	14	0	227.4	61	10.8	28	0	4	4	12	11	0
KAMARANG	0	15	36	59	61	65	72	77	69	62	50	29	8	0	186.9	50	9.6	26	0	3	11	16	1	0
LES BEHOLDEN	0	13	58	65	85	86	84	85	84	82	72	59	18	0	245.8	66	10.7	29	0	1	6	12	12	0
MON HEPPE	0	17	67	80	84	81	80	80	77	74	62	47	12	0	235.9	64	11.0	28	0	3	4	13	11	0
MAHALCOWY	0	7	65	71	77	75	77	72	68	61	54	40	9	0	205.9	57	10.5	25	0	5	7	10	9	0
MEN AMSTERDAM	0	5	67	70	81	83	82	76	81	76	66	57	14	0	235.0	63	10.7	28	0	3	5	11	12	0
TIMBURI APT	0	14	57	65	77	79	81	72	66	52	48	44	9	0	199.2	56	10.5	6	0	4	4	18	4	0



TABLE 1. SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1979

COUNTRY STATION	HEIGHT ABOVE MSL ft	HOUR LST	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (tenths)	VISIBILITY (No of Observations)															
			MEAN TEMPERATURE		HUMIDITY					0	1	2	3	4	5										
			DRY BULB °F	WET BULB °F	WET BULB REL PRESS %	REL HUM %																			
TRINIDAD																									
CERTENO	50	05	78.5	76.6	30.3	90																			
PEMAL	25	08	80.1	77.1	30.5	87																			
PIARCO APT	41	02	75.0	74.1	28.5	96	1009.8	1.1	4.4	0	6	15	7	2	0	0	0	0	1	1	0	11	17		
		08	79.2	76.1	29.5	87	1011.7	3.1	5.6	0	2	9	16	3	0	0	1	0	1	1	1	2	12	13	
		14	85.5	77.9	29.4	71	1009.4	6.5	6.4	0	1	2	26	1	0	0	0	0	1	1	1	6	10	12	
PIARCO APT	41	20	77.5	75.7	29.5	92	1010.7	2.7	5.0	0	4	10	16	0	0	0	0	0	0	0	0	0	0	14	16
ST. AUGUSTINE ONI	52	09	82.9	77.5	30.5	79		4.2																	
TOBAGO																									
CROWN POINT APT		02	78.1	75.6	29.2	89	1009.9	3.0	4.2	0	5	14	8	0	0	0	0	0	0	0	0	1	0	10	16
		08	81.6	77.8	30.8	84	1012.0	5.3	6.1	0	0	8	17	1	0	0	1	0	0	0	0	0	6	11	10
		14	84.8	79.1	31.4	77	1009.0	8.0	6.1	0	1	6	22	1	0	0	0	0	1	2	0	0	14	13	
LOUIS D'OR	40	08	79.1	76.5	29.9	88	1011.1	2.9	5.1	0	4	11	13	1	0	0	0	0	0	0	0	1	11	17	
GRENADA																									
MIRABEAU	450	08	80.2	76.6	29.7	84			6.5	0	0	7	16	7	0										
PEARLS APT	22	08	81.8	78.5	31.8	86	1011.5	5.2	5.3	0	3	11	12	3	0	0	0	0	0	0	0	1	0	11	15
		14	84.2	76.4	31.9	80	1009.5	6.0	5.2	0	1	13	10	2	0	0	0	0	0	0	0	1	0	9	16
BARBADOS																									
G. ADAMS APT	183	02	79.5	76.7	30.1	86	1010.4	6.8	4.4	0	4	16	10	0	0	0	0	0	0	0	0	0	0	0	30
		08	81.8	77.8	30.7	83	1012.2	9.0	5.1	0	3	13	12	2	0	0	0	0	0	0	0	0	0	1	29
		14	83.9	78.5	30.8	78	1010.3	9.7	5.3	0	4	10	15	1	0	0	0	0	0	0	0	0	0	1	29
		20	80.8	77.0	30.1	84	1011.7	8.0	4.8	0	4	14	11	1	0	0	0	0	0	0	0	0	0	0	30
GIBBONS BOGGS	09	08	83.8	78.6	31.2	79																			
HUSBANDS ONI	370	08	80.3	76.7	29.7	84	1012.8	6.0	5.2	0	2	11	16	0	0	0	0	0	0	0	0	0	1	3	25



TABLE 1. SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1979

COUNTRY STATION	HEIGHT ABOVE MSL ft	TIME HOUR	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE REDUCED TO MSL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eighths)					VISIBILITY (No. of Observations)										
			DRY BULB		WET BULB				REL HUMIDITY %	MEAN	Number of Observations					Feet								
			°F	°C	°F	°C					0	1-3	4-7	8-2	3-5	6-7	8-2	0	1-2	3-5	6-7	8-2		
GUYANA																								
DAVA		09	86.0	77.7	31.3	89																		
		15	85.6	79.0	30.9	74																		
ERIHU	54	09	79.4	76.6	30.0	87	1011.9	5.2	0	1	3	20	1	0	0	0	0	0	0	26	4			
		15	87.5	77.3	28.2	63	1009.3	7.3	0	0	8	18	0	0	0	0	0	0	0	1	0	14	11	
FRENCHSHIP																								
		09	79.8	77.5	31.0	89																		
FRIENDSHIP		15	86.2	79.2	30.8	72																		
GEORGETOWN BC	7	09	81.0	77.9	31.1	63	1011.6	4.9	0	0	12	17	1	0	0	0	0	0	0	0	0	16	14	
		15	84.9	79.0	30.6	75	1009.6	7.3	0	1	7	19	2	0	0	0	0	0	0	0	0	0	11	18
GREAT FALLS																								
		09	77.3	75.9	28.9	93																		
		15	87.9	81.9	31.6	70																		
ITABRU FALLS																								
		09	78.5	76.6	30.3	91																		
		15	90.0	80.7	31.6	66																		
KAWAIBANG																								
	1625	09	72.7	71.2	25.4	93	1014.3	1.4	0	1	7	21	1	0	0	0	0	0	0	0	0	22	8	
		15	84.6	79.2	25.7	63	1009.3	5.1	0	1	17	12	0	0	0	0	0	0	0	0	0	1	29	
LES BEROUDEN																								
		09	80.2	77.3	30.7	87																		
LES BEHOLDEN																								
	6	15	83.8	79.1	31.9	81																		
MARAIKONY																								
		09	82.6	77.5	29.9	79																		
		15	85.6	78.0	29.3	70																		
MOM REPOS																								
		09	80.8	77.1	30.1	84																		
		15	84.5	78.8	30.9	76																		
TIROKU SITE																								
		09	77.2	76.0	30.1	94																		
		15	88.7	80.0	31.1	67																		
TIMEHRI APT																								
	100	03	74.2	73.6	28.0	97	1009.3	0.1	0	6	15	7	2	0	0	0	0	0	0	1	0	2	27	0
		09	80.0	77.1	30.4	87	1011.6	2.0	0	5	10	14	1	0	0	0	0	0	0	0	0	0	14	16
		15	86.1	77.9	29.1	68	1008.5	5.2	0	0	6	23	1	0	0	0	0	0	0	0	0	1	15	14
		21	77.2	75.5	29.4	92	1010.2	1.6	0	3	6	19	2	0	0	0	0	0	0	1	0	0	24	5

TABLE II SUMMARY OF DAILY OBSERVATIONS NOVEMBER 1979

COUNTRY STATION	RAINFALL (inches)				AIR TEMPERATURE °F						NO OF DAYS WITH							
	TOTAL AMOUNT	MOST IN A DAY	DATE	NUMBER OF DAYS WITH OR MORE THAN	MEAN		MEAN		EXTREMES		TOTAL SUNSHINE DURATION HR	THUNDER	FOG	HAIL	GALE			
					MAX	MIN	MAX	MIN	MAX	MIN								
					A	B	(A+B) 2	MIN										
TRINIDAD																		
CENTENO	13.07	1.98	8	19	12	6	87.6	72.1	79.9	90	68							
RENAL	7.58	1.61	17	16	8	1	88.0	71.3	79.7	91	69							
ST. AUGUSTINE WVI	10.10	2.25	16	19	9	2	88.4	72.2	80.3	91	69				5	0	0	0
TOBAGO																		
CROWN POINT APT	8.68	2.08	7	17	7	2	87.5	75.7	81.6	90	73				2	0	0	0
LOUIS P'OR	15.15	2.12	26	22	15	5	86.7	74.1	80.4	89	72							
GRENADA																		
MIRABEAU	20.37	4.05	14	24	16	7	85.1	73.5	79.3	88	71							
PEARLS APT	16.44	3.16	14	23	12	4	86.9											
BARBADOES																		
G. ADAMS APT	6.85	1.51	13	20	5	1	85.4	76.8	81.1	88	74							
GIRONS BOUGS	5.99	.92	11	10	6	0	87.9	75.0	81.5	91	72							
HUSBANES CMI	9.07	1.26	3	23	7	1	86.0	73.9	80.0	80	70				1	0	0	0
ST. VINCENT																		
CANDEN PARK	15.17	2.31	14	24	12	6	88.0	74.3	81.2	91	72							
ST. LUCIA																		
ROSEAU WINBAN	11.96	1.95	14	23	8	4	87.7	72.2	80.0	90	69							
UNION							86.4	73.3	79.9	89	88							
VICIE APT	11.72	2.57	14	18	11	3	87.3	74.9	81.1	90	72				3	0	0	0
DOMINICA																		
MELVILLE HALL APT	25.64	4.44	24	24	15	8	85.8	72.8	79.3	88	69							
ANTIGUA																		
COOLIDGE APT	9.97	4.09	22	10	5	3	85.3	74.7	80.0	86	70							

TABLE II SUMMARY OF DAILY OBSERVATIONS NOVEMBER 1979

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 MIN B	MEAN MAX A			EXTREMES		THUNDER	FOG	HAIL	GALE
				.04	1.00					MAX	MIN				
ST. KITTS/NEVIS															
NATIONAL AGRIC. CORP	6.62	2.50	13	16	6	1	90.1	74.8	82.5	95	70				
CAYMAN ISLANDS															
WEST BAY	7.75	3.86	15	13	5	1	85.2	75.8	80.5	89	71	238.9			
BELIZE															
BELIZE APT	14.10	4.90	17	16	10	3	83.3	70.2	76.8	89	63	69.0	147.9		
BIG FALLS RANCH	11.49	2.42	17	17	8	4	84.0	68.2	76.1	91	60	68.1	147.9		
CENTRAL FARM	14.27	3.41	29	17	11	5	83.6	67.0	75.3	93	59		141.1	22 0 0 0	
TOLEHO	8.74	1.91	21	15	6	4	84.1	67.3	75.7	91	62				
GUYANA															
DAWA	4.74	1.17	19	14	5	1	88.1	72.7	80.4	90	69				
EBINI	5.03	1.91	24	10	5	1	89.9	73.4	81.7	94	72	72.2	203.2	9 24 0 0	
FRENCHHIP	4.27	2.05	21	9	3	1	91.0	71.9	81.4	97	69		195.5		
GEORGETOWN BG	4.38	1.27	24	9	4	2	86.6	76.6	82.7	91	72	72.6	197.0	5 0 0 0	
GREAT FALLS	7.98	4.88	21	10	3	1	89.2	73.4	81.3	91	72	72.5		11 16 0 0	
ITABRU FALLS	1.80	.58	19	7	2	0	92.1	74.6	83.4	94	73				
KAMARANG	6.79	2.32	24	11	4	3	86.9	67.8	77.4	90	65	66.1	179.0	2 2 0 0	
MARACONY	5.10	2.58	21	5	3	3	87.5	76.8	82.2	89	71		186.9	4 4 0 0	
MON REPOS	3.01	1.00	20	7	4	1	87.6	75.4	81.5	90	72		204.5		
TIBOKU SITE	7.79	1.62	19	16	5	3	89.9	73.6	81.8	94	72	72.5	182.2	13 2 0 0	
TIMBURI APT	8.00	1.83	19	11	7	4	89.0	72.2	80.6	93	71		155.7	13 11 0 0	



TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS NOVEMBER 1979

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								
CEPTERO	.68	.70	.79	.80	1.11	1.11	1.26	1.28
PERAL	.24	.38	.55	.83	1.12	1.48	1.61	1.61
ST. AUGUSTINE OMI				.49	2.09	2.22	2.25	2.25
TOROGO								
GROTT POINT APT	.41	.52	.61	1.03	1.21	1.22	2.08	2.08
LOUIS D'OR	.36	.40	.59	.80	1.32	1.40	1.94	1.98
BARBADOS								
G. ADAMS APT			.38	.62	.62	.62	.80	1.49
GIBBONS BOGGS	.52	.34	.34	.44	.47	.49	.88	1.04
HUSBANDS OMI	.26	.35	.42	.59	.84	1.22	1.26	1.26
ST. LUCIA								
UNION	.42	.50	.62	.71	1.25	1.37	1.77	1.91
CAYMAN ISLANDS								
WEST BAY	.32	.52	.54	.86	1.02	1.68	3.11	3.36
GYANA								
APAIKWA	.48	.63	.88	1.58	1.92	2.54	3.17	3.46
DAWA	.18	.28	.40	.56	.63	.79	1.13	1.14
EBUHI	.23	.34	.44	.68	.90	1.61	1.91	1.91
FRIENDSHIP	.19	.35	.45	.77	.84	.87	1.84	2.05
GEORGETOWN BG	.38	.51	.71	.84	1.03	1.13	1.21	1.21
GREAT FALLS	.68	1.20	1.80	2.44	3.40	3.87	3.87	4.40
ITABRU FALLS	.29	.41	.46	.55	.58	.58	.58	.65
KAWARANG	.20	.36	.48	.64	.70	.91	1.15	1.46
MAHALCONY	.40	.70	.95	1.53	2.03	2.17	2.49	2.50
TIBOKU SITE	.70	.91	1.04	1.33	1.36	1.58	1.61	1.62
TIMHRI APT	.38	.56	.61	1.08	1.68	1.77	1.83	1.83

TABLE V - SUMMARY OF WINDSPEED RECORDS NOVEMBER 1979

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 14	06	9 13	33	1500	30	0	0	0	0	3.7	
PARCO ANT	10 12	14	8 12	28	0515	9	0	0	0	0	3.5	
TOBAGO												
CHOW POINT APT	15 16	11	22 11	25	1005	13	0	0	0	0	5.3	
BARBADOS												
HUEBARDS CMI	09 11	18	29 09	19	1075	12	0	0	0	0	5.3	
ANTICUA												
COOLIDGE APT	10 21	04	23 05	34	0235	23	1	0	0	0	9.3	
CAYMAN ISLANDS												
WEST BAY	05 17	11	17 08	33	2130	21	0	0	0	0	7.7	
GUYANA												
DAVA	14 12	11	21 12	25	1245	21	0	0	0	0	3.1	





TABLE VI - SUMMARY OF SUNSHINE RECORDS NOVEMBER 1979

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)						MORE THAN 12	
	0-1		1-2		2-3		3-4		4-5		5-6						0-1-9	1-12-0	9-11-12-0					
	0	1	0	1	0	1	0	1	0	1	0	1								0	1	0		
<b>CAYMAN ISLANDS</b>																								
<b>WEST BAY</b>																								
	0	7	69	79	89	98	87	83	80	75	70	63	7	0	238.9	71	10.3	3	1	2	2	7	18	0
<b>BELIZE</b>																								
<b>BEUCE APT</b>																								
	0	2	29	39	46	49	53	60	55	51	50	50	9	0	147.9	43	10.5	9	4	5	6	8	4	0
<b>BIG FALLS RANCH</b>																								
	0	3	25	33	43	56	55	61	48	53	54	50	13	0	147.9	44	10.7	9	5	6	7	7	5	0
<b>CENTRAL FARM</b>																								
	0	0	1	36	47	52	65	65	53	55	54	40	1	0	141.1	41	9.3	2	3	6	11	9	1	0
<b>GUIYANA</b>																								
<b>ANNA REGINA</b>																								
	0	8	53	65	73	75	87	82	78	71	77	51	8	0	219.4	62	10.7	3	0	1	7	11	11	0
<b>EDINI</b>																								
	0	15	49	56	72	70	79	77	65	66	66	47	17	0	203.2	57	10.3	30	0	3	7	16	4	0
<b>FRIENKSHIP</b>																								
	0	8	49	54	66	69	76	70	66	67	60	56	11	0	195.5	55	10.3	1	0	4	8	13	5	0
<b>GEORGETOWN BG</b>																								
	0	14	58	66	74	72	76	79	67	54	48	38	11	0	197.0	56	10.9	14	0	4	8	10	8	0
<b>KANARANG</b>																								
	0	1	9	27	53	68	70	79	73	81	70	57	10	0	179.0	50	9.8	3	0	4	9	16	1	0
<b>LES WILHOLDEN</b>																								
	0	7	48	57	74	82	87	82	79	75	81	63	15	0	224.8	63	10.4	2	0	2	5	12	11	0
<b>MALALONY</b>																								
	0	8	49	54	61	71	74	78	71	59	56	33	7	0	186.9	53	10.3	2	0	6	7	11	6	0
<b>MOM REPOS</b>																								
	0	15	56	70	73	76	80	79	75	61	52	34	10	0	204.5	58	10.8	3	0	4	7	12	7	0
<b>NEW AMSTERDAM</b>																								
	0	6	46	58	68	75	77	80	71	70	64	59	15	0	207.3	58	10.5	2	0	3	7	10	10	0
<b>TIBOKU SITE</b>																								
	0	1	13	32	50	60	67	75	85	83	70	57	14	0	182.2	51	8.6	2	0	4	8	18	0	0
<b>TIMBRI APT</b>																								
	0	14	56	61	60	58	66	56	47	40	33	24	5	0	155.7	44	10.4	15	2	8	8	7	4	0



TABLE 1. SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1979

COUNTRY STATION	HEIGHT ABOVE MSL ft.	MEAN TEMPERATURE AND HUMIDITY		MEAN TEMPERATURE AND HUMIDITY		MEAN PRESSURE REDUCED TO MIL mb	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (height)					VISIBILITY (No. of Observations) yards											
		MEAN TEMPERATURE AND HUMIDITY		MEAN TEMPERATURE AND HUMIDITY				TOTAL CLOUD AMOUNT (height)					VISIBILITY (No. of Observations) yards											
		DRY BULB °F	WET BULB °F	VAPOUR PRESS mb	REL HUM %			0	1, 2	3-5	6, 7	8	9	0	1-2	3-4	5	6	7	8	9			
ST. VINCENT																								
CAMDEN PARK	15	08	79.9	74.7	27.1	70																		
ST. LUCIA																								
ROSEAU WINNAN		09	81.9	76.4	28.6	77																		
UNION		08	81.1	75.5	27.6	76																		
VIGIE APT		08	79.1	74.9	27.6	82	1013.7	5.5	5.3	0	4	7	12	1	0	0	0	0	0	0	1	23		
DOMINICA																								
MELVILLE HALL APT		08	77.9	74.5	27.7	85	1015.2	8.1	5.7	0	2	8	17	0	0	0	0	0	0	0	0	15	12	
		14	81.5	76.0	28.3	77	1013.5	6.5	5.5	0	1	12	17	1	0	0	0	0	0	0	1	13	16	
ANTIGUA																								
COOLIDGE APT	26	02	76.1	72.7	26.0	85	1014.2	10.6	4.0	0	8	14	8	1	0	0	0	0	0	0	0	1	30	
		08	77.5	73.9	27.0	84	1015.3	9.8	4.6	0	5	14	10	2	0	0	0	0	0	0	1	1	0	29
		14	81.9	75.2	27.8	72	1013.8	12.4	5.0	0	0	20	11	0	0	0	0	0	0	0	0	0	2	29
		20	77.4	73.4	26.5	83	1014.9	10.9	3.7	0	9	18	4	0	0	0	0	0	0	0	0	0	0	31
ST. KITTS/NEVIS																								
GOLDEN ROCK APT		08	77.3	73.3	26.3	82	1016.1	10.8	5.1	0	1	16	14	0	0	0	0	0	0	0	0	0	0	31
		14	80.6	74.6	26.5	74	1014.5	11.5	4.8	0	5	15	11	0	0	0	0	0	0	0	0	0	3	28
LA GUERITE	158	09	79.0	74.6	27.8	82																		
BR. VIRGIN ISLANDS																								
PARAQUITO BAY	50	08	81.2	75.4	27.6	76																		
CAIMAN ISLANDS																								
WEST BAY		09	79.9	74.2	26.5	76																		
BELIZE																								
BELIZE APT	17	00	72.8	71.3	25.7	93	1016.3	3.2	4.5	4	4	8	7	8	0	0	0	0	0	0	2	3	25	
		06	70.8	69.9	24.9	97	1015.9	2.5	5.0	0	8	7	10	6	0	1	0	0	0	0	2	7	21	
		12	79.5	73.3	25.3	74	1016.5	7.7	5.5	0	3	11	12	5	0	0	1	0	0	0	0	3	27	
		18	76.0	72.8	26.2	86	1015.3	4.3	4.9	0	7	7	10	7	0	0	0	0	0	0	1	4	26	



TABLE 11 SUMMARY OF DAILY OBSERVATIONS DECEMBER 1979

COUNTRY STATION	RAINFALL (inches)				AIR TEMPERATURE °F				MEAN GRASS MIN OF °F	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH					
	TOTAL AMOUNT	MOST IN A DAY	NUMBER OF DAYS WITH OR MORE THAN			MEAN MIN	MEAN MAX	MEAN 1/2(A+B)			EXTREMES MAX MIN	THUNDER	FOG	HAIL	GALE	
			-0.4	-0.1	1.00											
TRINIDAD																
CENTENO	12.23	2.09	27	17	12	5	85.0	70.9	78.0	87	67	161.0				
FRNAL	9.59	1.22	21	23	9	2	85.8	71.0	78.4	88	69	147.8				
ST. AUGUSTINE UMI	10.33	2.66	20	22	8	2	86.6	71.0	78.8	89	68	136.0				
TOBAGO																
CROWN POINT APT	10.71	2.66	23	17	10	4	85.8	74.2	80.0	88	70	147.8	2	0	0	0
LOUIS D'OR	14.39	2.10	23	22	11	6	85.1	73.4	79.3	87	70	158.8				
GRENADA																
MURABEAU	16.46	2.48	24	23	13	6	81.4	66.9	74.2	84	63	139.2				
PEARLS APT	15.32	2.14	23	19	10	5	85.2	73.2	79.2	87	63					
BARBADOS																
G. ADAMS APT	4.90	1.58	13	11	4	1	84.3	75.9	80.1	86	72	248.8				
GIBBONS BOGGS	4.80	1.63	20	11	4	1	86.9	74.1	80.5	92	70	211.7				
HUSBANDS CHI	4.07	.67	21	15	5	0	84.7	72.7	78.7	88	68					
ST. VINCENT																
CAMDEN PARK	5.63	.87	1	17	6	0	86.0	72.9	79.5	88	70	223.5				
ST. LUCIA																
ROSEAU WINBAN	3.11	1.04	2	13	2	1	85.4	71.2	78.3	87	66	224.6				
UNION	6.16	1.72	2	15	4	1	84.4	70.0	77.2	86	66	179.1				
VIGIE APT	5.64	1.38	2	13	6	1	85.3	73.4	79.4	87	70					
DOMINICA																
MELVILLE HALL APT	8.96	1.28	24	20	10	2	84.1	72.9	78.5	86	68	176.8				
ANTIGUA																
COOLIDGE APT	5.28	1.31	22	13	4	2	83.1	72.9	78.0	86	68					

TABLE II SUMMARY OF DAILY OBSERVATIONS DECEMBER 1979

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	MEAN MIN			MEAN MAX	EXTREMES MAX MIN	THUNDER	FOG	HAIL	GALE
				.04	.10	1.00										
ST. KILTS/NEVIS																
LA GORRUTE	3.18	.65	3 18	1	0	83.8	72.7	78.3	86	69	259.4					
NATIONAL AGRIC. CORP	3.62	.52	2 14	3	0	87.9	73.1	80.5	92	70						
BR. VIRGIN ISLANDS																
PARAQUITO BAY	1.37	.40	13 9	1	0	81.1	61.3	71.2	87	52						
CAYMAN ISLANDS																
WEST BAY	11.96	.50	4 5	1	0	83.6	73.4	78.6	88	62	232.3					
BELIZE																
BELIZE APT	14.69	4.74	2 15	6	3	81.8	69.1	75.5	87	59	184.6	2	1	0	0	0
BELMOPAN	13.90	3.90	2 14	10	3	81.3	68.0	74.7	87	57	121.9					
BIG FALLS RANCH	18.54	7.33	2 13	8	4	82.7	66.3	74.5	87	55	165.9	0	1	0	0	0
CENTRAL FARM	14.85	3.01	2 18	10	5	83.0	64.7	73.9	88	53	143.8	0	16	0	0	0
TOLEJO	10.13	1.78	2 20	9	3	82.5	66.7	74.6	88	56						
GUYANA																
DAWA	13.89	2.00	20 25	10	5	85.2	72.0	78.6	88	67						
EBINI	12.86	2.76	25 22	9	4	86.1	72.6	79.4	90	71	71.5	149.0	6	21	0	0
FRIENDSHIP	6.76	1.66	25 21	5	1	87.1	71.2	79.2	90	69	143.9					
GEORGETOWN BG	9.01	2.27	25 20	5	2	85.8	74.4	80.1	88	70	71.9	154.7	3	0	0	0
ITABRU FALLS	13.12	2.98	16 24	10	3	89.1	73.6	81.4	92	71						
KANARANG	11.68	3.21	24 23	10	2	83.4	67.5	75.5	87	65	66.2	115.7	2	6	0	0
MAHAICOHY	16.25	5.86	7 18	6	4	84.5	75.1	79.8	86	72	137.3					
MAZARUNI	15.06	2.64	20 23	12	5	84.1	73.1	78.6	89	71	94.8					
MON REPOS	7.70	2.54	7 18	5	2	85.0	74.2	79.6	88	68	166.0					
TIBOKU SITE	10.15	3.55	29 24	7	1	86.7	71.8	79.3	90	69	132.3	10	1	0	0	0
TIMEHRI APT	16.46	2.98	7 22	11	6	86.4	71.3	78.9	90	69	143.2	6	16	0	0	0

TABLE 10 - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS DECEMBER 1979

COUNTRY STATION	RUN OF WIND (in. miles)		EVAPORATION (inches)			SOIL TEMPERATURES OF												TOTAL RADIATION (langley)		
	DAILY MEAN	MOST IN A DAY	TOTAL AMOUNT	DATE	MOST IN A DAY	At 2 inch depth				At 4 inch depth				TOTAL AMOUNT IN A DAY	MOST IN A DAY	LEAST IN A DAY				
						MEAN		EXTREMES		MEAN		EXTREMES								
						MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN							
TRINIDAD																				
CENTERO	58	107	3.50	.20	24															
FENAL	35	59	3.33	.23	29															
ST. AUGUSTINE UMI	39	72	2.86	.15	31															
TOBAGO																				
CROWN POINT APT	55	90	5.19	.25	3															
LOUIS D'OR	15	38	4.69	.31	1															
GRENADA																				
MIRABEAU	69	128																		
BARBADOS																				
GIBBONS BIGGS	90	164																		
HURBARTS CMI	75	119	4.39	.25	3											14053	567 290			
ST. VINCENT																				
CANDLER PARK	24	72	3.66	.25	5															
ST. LUCIA																				
ROSEAU WIRRAM	44	92	3.62M	.27	20															
UNION	32	71	4.21	.35	1															
ST. KITTS/NEVIS																				
LA GUERITE	117	202	4.95	.33	9															
CAYMAN ISLANDS																				
WEST BAY	127	196	5.48	.27	3															
BELIZE																				
BELIZE APT	70	158	4.00M	.24	9															
BIG FALLS RANCH	44	82																		
CENTRAL FARM	10	43																		
TOLEDO	16	67	3.30M	.22	30															
GUYANA																				
DAWA	52	80	4.61M	.27	7															
EBINT	69	96	4.92	.24	12															
FRIENDSHIP	35	51	4.18	.23	30															
GEORGETOWN BG	75	123	4.47	.35	31															
ITABRU FALLS	14	25	3.51	.25	2															
KAMARANG	56	72	3.84	.24	31															
MAHALCONY	127	200																		
TIBOKU CREEK	3	9	3.67	.22	7															
TIMER I APT	60	119	4.90M	.29	14															
																10429	443 070			



TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS DECEMBER 1979

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	.41	.46	.50	.72	1.06	1.30	2.09	2.09
FERAL	.24	.46	.48	.85	1.05	1.87	1.22	1.22
ST. AUGUSTINE JMI						2.42	2.66	2.66
TOBAGO								
CROWN POINT APT	.54	.75	1.00	1.33	1.82	1.73	1.89	2.06
LOUIS D'OR	.40	.60	.77	.84	.96	1.17	1.40	1.78
BARBADOS								
G. ADAMS APT					1.30	1.56	1.56	1.56
GIBBONS BOGGS	.65	.75	1.00	1.08	1.57	1.63	1.63	1.63
RUSHARDS CMI	.19	.25	.28	.43	.53	.56	.67	.67
CAYMAN ISLANDS								
WEST BAY	.15	.22	.26	.35	.41	.49	.53	.55
GUYANA								
AFALIKWA	.66	.92	1.52	2.36	3.32	3.89	4.13	4.53
BARA	.60	.80	.87	1.19	1.25	1.35	2.37	2.69
EDINI	.48	.74	.99	1.45	2.21	2.70	2.75	2.76
FRIENSHIP	.35	.58	.75	1.49	1.59	1.61	1.66	1.66
GEORGETOWN BG	.32	.64	.52	.98	1.14	1.18	1.80	2.27
MAHALCONY	.40	.60	.66	1.20	1.93	2.53	4.54	5.86
MAZARUNI	.34	.48	.66	.98	1.78	1.99	2.52	2.61
TIMHRI APT	.28	.48	.74	1.28	1.52	1.86	2.24	3.05

TABLE V - SUMMARY OF WINDSPEED RECORDS DECEMBER 1979

COUNTRY STATION	HIGHEST HOURLY WIND				HIGHEST GUST				NO OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED
	DIR	SPEED	HOUR ENDED	DATE	DIR	SPEED	TIME FT	DATE	33	47	63	
TRINIDAD												
CERTENO	08	14	14	5	06	34	0955	12	1	0	0	4.0
PLATCO	09	14	13	27	06	27	1605	8	0	0	0	4.1
TOBAGO												
CROWN POINT APT	10	10	14	11	14	26	1330	11	0	0	0	4.4
BARBADOS												
HURBANES CRT	08	16	11	4	07	23	1010	6	0	0	0	5.7
ANTIGUA												
COLLIDGE APT	12	20	03	1	10	34	1650	2	1	0	0	11.1
CAYMAN ISLANDS												
WEST BAY	08	14	13	1	08	27	0810	3	0	0	0	8.1
GUYANA												
GEORGETOWN BC	10	18	18	3	11	33	0910	31	0	0	0	5.5



TABLE VI - SUMMARY OF SUNSHINE RECORDS DECEMBER 1979

COUNTRY STATION	MEAN DURATION (hundreds 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)					MORE THAN 12									
	0-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18					18-19	0-1	1-2	2-3	3-4		4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	
	0	1	2	3	4	5	6	7	8	9	10	11					12	1	2	3	4		5	6	7	8	9	10	11	12	
ST. KITTS/NEVIS																															
LA GUERITE		0	3	58	71	83	91	92	88	91	85	84	75	14	1	259.4	75	10.3	27	0	1	1	15	14	0						
CAYMAN ISLANDS																															
WEST BAY		0	13	51	77	78	81	89	85	85	73	72	53	6	0	232.3	68	10.2	11	0	3	5	11	12	0						
BELIZE																															
BELIZE APT		0	1	38	54	66	69	66	64	62	63	62	48	3	0	184.6	34	10.1	6	4	4	4	11	8	0						
BELMOPAN		0	0	15	23	31	48	53	57	50	42	38	34	1	0	121.9	35	8.3	19	4	8	4	10	0	0						
BIG FALLS RANCH		0	2	31	50	53	64	63	62	59	50	47	48	8	0	165.9	48	10.0	25	3	5	10	8	5	0						
CENTRAL FARM		0	0	1	18	45	58	64	60	61	56	57	40	5	0	143.8	42	8.8	21	3	5	15	8	0	0						
GUYANA																															
ANNA REGINA		0	4	45	53	60	59	62	64	64	60	48	29	5	0	173.8	48	10.1	13	2	2	11	14	2	0						
EBERI		0	3	22	40	61	59	58	59	54	47	38	31	8	0	149.0	41	9.7	12	0	7	13	9	2	0						
FRIENDSHIP		0	4	25	47	54	57	59	56	46	41	38	27	9	0	143.9	38	9.0	19	0	11	10	10	0	0						
GEORGETOWN BG		0	4	29	36	50	55	59	60	60	54	49	34	8	0	154.7	43	9.0	31	0	9	10	12	0	0						
KAWARANG		0	0	5	18	23	37	44	50	61	54	47	33	0	0	115.7	32	6.4	1	0	10	19	2	0	0						
MAZARONI		0	0	12	29	47	50	48	38	32	23	15	12	0	0	94.8	26	7.5	13	2	15	11	3	0	0						
MON REPOS		0	5	32	43	55	57	59	65	63	57	59	36	5	0	166.0	46	9.6	13	1	7	11	11	1	0						
TIBOKO SITE		0	1	13	22	32	38	49	52	60	62	51	40	6	0	132.3	36	7.7	13	1	10	10	10	0	0						
TIMEHRI APT		0	4	41	48	56	51	49	49	46	45	39	27	7	0	143.2	39	10.1	7	1	8	10	6	3	0						