MONTHLY WEATHER SUMMARY

MAR 2 2001

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PART A
January to December
1998

National Oceanic and Atmospheric Administration

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March 28, 2002

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LIST OF STATIONS

COUNTRY	STATION	LAT. (N)		LONG. (W)		Alt.
		DEG	MIN	DEG	MIN	m
GRENADA	Mc Donald College	12	13	61	39	
	Mirabeau	12	08	61	49	
ST. VINCENT	E. T. Joshua Airport	13	09	61	13	13
ST. LUCIA	Roseau Winban	13	56	61	02	
DOMINICA	Canefield Airport	15	23	61	24	5
	Melville Hall Airport	15	35	61	18	14
ST. KITTS	R. L. Bradshaw Airport	17	18	62	41	48
	National Agric. Corp.	17	18	62	43	
CAYMAN IS	Owen RobertsAirport	19	17	81	21	3

STATION MEASUREMENTS

STATION	SYNOP OBSERVATIONS	TEMPERATURE	HUMIDITY	WIND SPEED & DIRECTION	DAILY WIND MILEAGE	RAINFALL	RAINFALL INTENSITIES	EVAPORATION	SUNSHINE	RADIATION
Mc Donald College		X	X		X	X				
Mirabeau		X	X		X	X			X	
E. T. Joshua Airport	X	X	X	X		X				
Roseau Winban		X	X		X	X		X	X	
Canefield Airport	X	X	X	X		X				
Melville Hall Airport	X	X	X	X		X			X	
R. L. Bradshaw Airport	X	X	X	X		X			X	
National Agric. Corp.		X	X			X		X		
Owen Roberts Airport	X	X	X	X		X				

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS 1998

COUNTRY / STATION / HEIGHT (above msl)	MONTH	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °C	WET BULB °C	VAPOR PRESS. hPa & tenths	REL HUM %	MEAN PRESS. REDUCE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of observations: 0	1,2	3-5	6,7	8	9	VISIBILITY IN km (no. of obs): 0.0 TO 0.3	0.4 TO 0.9	1.0 TO 1.9	2.0 TO 3.1	3.2 TO 4.7	4.8 TO 7.0	7.1 TO 15	> 15
GRENADA																							
Mac.Donald College	JAN	09	27.4	25.3	30.5	84			4.9	0	0	22	9	0	0								
	FEB	09	27.4	25.0	29.6	81			5.1	0	0	21	7	0	0								
	MAR	09	26.5	23.8	27.4	80			5.7	0	0	13	17	1	0								
	APR	09	28.9	26.1	31.5	79			4.0	0	5	18	7	0	0								
	MAY	09	28.6	26.3	32.3	83			4.7	0	3	17	8	3	0								
	JUN	09	28.4	26.6	33.4	86			6.4	0	0	4	23	3	0								
	JUL	09	27.0	24.9	29.8	83			6.1	0	0	8	19	4	0								
	AUG	09	26.4	23.9	27.7	81			5.2	0	0	20	8	3	0								
	SEP	09	27.0	24.4	28.5	80			6.4	0	0	6	19	5	0								
	OCT	09	25.8	23.9	28.4	85			6.5	0	0	3	23	5	0								
	NOV	09	27.3	25.2	30.5	84			6.4	0	0	8	15	7	0								
	DEC	09	27.2	25.3	30.8	85			5.6	0	0	15	15	1	0								
Mirabeau	JAN	08	25.7	23.8	28.1	85			5.6	0	0	12	18	1	0								
	FEB	08	26.1	23.9	28.0	83			5.4	0	0	14	13	1	0								
143m	MAR	08	26.1	23.7	27.4	81			5.9	0	0	11	17	3	0								
	APR	08	27.4	24.7	29.0	79			5.8	0	0	9	20	1	0								
	MAY	08	27.0	25.2	30.9	87			5.9	0	0	15	11	5	0								
	JUL	08	27.4	25.3	30.6	84			5.6	0	0	17	11	3	0								
	AUG	08	28.7	25.9	31.1	79			4.8	0	0	24	7	0	0								
	SEP	08	27.5	25.2	30.2	83			6.5	0	0	5	21	4	0								
	OCT	08	27.1	25.4	31.0	86			6.4	0	0	8	14	9	0								
	NOV	08	27.4	25.3	30.5	84			6.0	0	0	8	18	4	0								
	DEC	08	26.2	24.8	30.3	89			6.2	0	0	10	13	8	0								

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS 1998

COUNTRY / STATION / HEIGHT (above msl)	MONTH	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °C	WET BULB °C	VAPOR PRESS. hPa & tenths	REL HUM %	MEAN PRESS. REDUCE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of observations: 0	1,2	3-5	6,7	8	9	VISIBILITY IN km (no. of obs): 0.0 TO 0.3	0.4 TO 0.9	1.0 TO 1.9	2.0 TO 3.1	3.2 TO 4.7	4.8 TO 7.0	7.1 TO 15	> 15
ST.VINCENT																							
E.T.Joshua	JAN	08	26.7	23.8	27.0	77	1015.1	9.8	3.8	0	6	21	4	0	0	0	0	0	0	0	0	2	29
Airport		14	29.0	24.9	28.0	70	1013.8	10.8	4.1	0	4	19	8	0	0	0	0	0	0	0	0	3	28
		20	26.3	23.7	27.3	80	1014.4	8.3	4.1	0	5	22	3	1	0	0	0	0	0	1	0	3	27
13m	FEB	08	27.1	23.5	26.0	72	1015.7	9.3	4.2	0	2	23	3	0	0	0	0	0	0	0	0	1	27
		14	29.6	24.6	26.8	65	1014.3	10.8	3.8	0	8	16	4	0	0	0	0	0	0	0	0	2	26
		20	26.3	23.3	26.2	76	1014.8	7.9	3.4	0	5	22	1	0	0	0	0	0	0	0	0	0	28
	MAY	08	28.5	25.3	29.7	77	1015.0	9.6	5.6	0	1	10	20	0	0	0	0	0	0	0	1	6	24
		14	30.3	26.0	30.1	70	1013.8	9.8	5.5	0	0	17	14	0	0	0	0	0	0	0	0	6	25
		20	27.5	24.8	29.1	79	1014.2	7.5	4.1	0	9	11	11	0	0	0	0	0	0	0	0	7	24
	JUN	08	28.4	25.7	30.7	79	1016.2	9.8	6.2	0	1	4	22	3	0	0	0	0	0	0	1	8	21
		14	29.8	26.2	31.0	74	1015.3	10.1	6.3	0	0	7	18	5	0	0	0	0	0	0	1	7	22
		20	27.7	25.3	30.2	81	1015.6	8.6	5.3	0	4	11	12	3	0	0	0	0	0	0	1	10	19
	AUG	08	29.2	26.1	31.4	78	1014.2	6.4	4.3	0	4	19	7	1	0	0	0	0	0	0	0	0	31
		14	30.9	26.7	31.5	71	1013.1	8.0	4.5	0	4	15	11	1	0	0	0	0	0	0	0	1	30
		20	28.0	25.4	30.4	80	1013.2	4.2	4.2	0	6	19	5	1	0	0	0	0	0	0	0	1	30
	NOV	08	28.3	25.2	29.3	76	1013.7	7.4	4.4	0	3	19	6	2	0	0	0	0	0	0	0	2	28
		14	29.8	25.8	29.9	72	1011.7	9.4	4.9	0	2	17	10	1	0	0	0	0	0	0	0	1	29
		20	27.3	24.6	28.6	79	1012.8	7.6	3.9	0	9	16	5	0	0	0	0	0	0	0	0	3	26

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS 1998

COUNTRY / STATION / HEIGHT (above msl)	MONTH	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °C	WET BULB °C	VAPOR PRESS. hPa & tenths	REL HUM %	MEAN PRESS. REDUCE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of observations: 0	1,2	3-5	6,7	8	9	VISIBILITY IN km (no. of obs): 0.0 TO 0.3	0.4 TO 0.9	1.0 TO 1.9	2.0 TO 3.1	3.2 TO 4.7	4.8 TO 7.0	7.1 TO 15	> 15
ST.LUCIA																							
Roseau Winban	JAN	09	26.8	24.0	27.7	79																	
	FEB	09	28.0	23.7	25.7	69																	
	MAR	09	28.3	23.6	25.4	66																	
	MAY	09	29.8	25.5	29.1	70																	
	JUN	09	28.9	25.9	31.0	78																	
	JUL	09	29.1	26.1	31.4	78																	
	AUG	09	29.7	26.3	31.5	76																	
	SEP	09	30.0	26.4	31.5	75																	
	OCT	09	28.8	26.0	31.3	80																	
	NOV	09	28.6	25.5	30.3	78																	
	DEC	09	27.5	24.9	29.3	80																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS 1998

COUNTRY / STATION / HEIGHT (above msl)	MONTH	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °C	WET BULB °C	VAPOR PRESS. hPa & tenths	REL HUM %	MEAN PRESS. REDUCE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of observations: 0	1,2	3-5	6,7	8	9	VISIBILITY IN km (no. of obs): 0.0 TO 0.3	0.4 TO 0.9	1.0 TO 1.9	2.0 TO 3.1	3.2 TO 4.7	4.8 TO 7.0	7.1 TO 15	> 15
DOMINICA																							
Canefield	JAN	08	24.4	22.2	24.9	82	1015.1	1.8	3.7	0	11	11	9	0	0	0	0	0	0	0	0	0	31
Airport		14	29.5	24.4	26.3	64	1013.8	5.9	4.0	0	8	16	7	0	0	0	0	0	0	0	0	0	31
		20	24.8	22.3	25.0	80	1014.6	.0	3.3	0	13	11	5	0	0	0	0	0	0	0	0	0	29
5m	FEB	08	24.7	22.0	24.2	78	1015.3	1.1	3.0	0	15	8	5	0	0	0	0	0	0	0	0	0	28
		14	29.7	23.9	25.0	60	1014.0	6.6	3.4	0	12	11	5	0	0	0	0	0	0	0	0	0	28
		20	25.3	21.7	23.0	71	1014.6	.2	2.1	1	17	8	0	0	0	0	0	0	0	0	0	0	26
	MAR	08	26.1	22.5	24.2	72	1015.0	4.4	3.5	0	12	14	4	0	0	0	0	0	0	0	0	0	30
		14	29.9	23.9	24.7	59	1013.7	9.0	3.2	0	15	9	6	0	0	0	0	0	0	0	0	1	29
		20	26.0	22.4	24.1	72	1014.2	4.1	2.0	0	24	5	1	0	0	0	0	0	0	0	0	0	30
	APR	08	27.0	24.0	27.3	77	1014.3	.7	4.1	0	10	11	9	0	0	0	0	0	0	0	0	0	30
		14	30.3	25.1	27.6	64	1012.8	5.0	4.6	0	8	8	14	0	0	0	0	0	0	0	0	0	30
		20	26.7	23.3	25.8	74	1013.2	.1	3.5	0	14	9	7	0	0	0	0	0	0	0	0	0	30
	MAY	08	28.0	24.5	27.9	74	1014.5	1.0	5.3	0	4	8	19	0	0	0	0	0	0	0	0	0	31
		14	30.9	25.6	28.5	64	1013.7	5.1	5.8	0	3	5	20	3	0	0	0	0	0	0	0	0	31
		20	27.4	23.7	26.4	73	1014.1	.8	4.5	0	10	7	11	3	0	0	0	0	0	0	0	0	31
	JUN	08	27.9	25.1	29.5	79	1016.0	1.5	5.7	0	3	8	16	3	0	0	0	0	0	0	0	1	29
		14	31.0	26.0	29.4	66	1015.3	5.9	6.1	0	0	8	18	4	0	0	0	0	0	0	0	1	29
		20	27.8	24.5	27.8	75	1015.6	.6	5.4	0	2	11	15	2	0	0	0	0	0	0	0	1	29

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS 1998

COUNTRY / STATION / HEIGHT (above msl)	MONTH	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °C	WET BULB °C	VAPOR PRESS. hPa & tenths	REL HUM %	MEAN PRESS. REDUCE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of observations: 0	1,2	3-5	6,7	8	9	VISIBILITY IN km (no. of obs): 0.0 TO 0.3	0.4 TO 0.9	1.0 TO 1.9	2.0 TO 3.1	3.2 TO 4.7	4.8 TO 7.0	7.1 TO 15	> 15
DOMINICA																							
Canefield	JUL	08	27.1	24.7	29.2	81	1015.6	2.7	4.6	0	7	13	9	2	0	0	0	0	0	1	1	29
Airport		14	30.9	25.8	28.9	65	1014.7	6.0	4.4	0	9	11	9	2	0	0	0	0	0	1	0	1	29
		20	27.2	24.2	27.8	77	1015.0	1.5	3.6	0	16	4	9	2	0	0	0	0	0	0	0	0	31
5m	AUG	08	27.9	25.4	30.3	81	1013.9	.8	4.1	0	11	11	8	1	0	0	0	0	0	0	0	0	31
		14	30.8	26.5	30.9	70	1013.1	3.3	5.2	0	0	17	13	1	0	0	0	0	0	1	0	0	30
		20	27.2	24.7	29.1	81	1013.4	.4	3.8	0	12	12	5	2	0	0	0	0	0	0	0	2	29
	SEP	08	27.7	25.2	30.0	81	1013.9	1.0	4.2	0	10	9	10	1	0	0	0	0	0	0	0	0	30
		14	30.8	26.0	29.6	67	1012.8	5.3	5.0	0	7	7	15	1	0	0	0	0	0	1	0	0	29
		20	27.2	24.3	28.1	79	1013.2	1.0	3.4	0	17	5	7	1	0	0	0	0	0	0	0	2	28
	OCT	08	27.0	24.8	29.5	83	1014.0	1.5	5.0	0	7	7	16	1	0	0	0	0	1	0	0	0	30
		14	30.5	26.0	30.0	69	1012.6	4.7	5.5	0	0	14	15	2	0	0	0	0	1	0	1	0	29
		20	26.3	24.0	28.0	82	1013.3	1.0	4.9	0	5	11	12	3	0	0	0	0	1	0	0	0	30
	NOV	08	26.0	23.8	27.6	82	1013.8	.5	4.2	0	8	12	9	1	0	0	0	0	0	0	0	0	30
		14	30.1	25.1	27.8	66	1012.2	4.8	4.6	0	7	9	13	1	0	0	0	0	0	0	0	1	29
		20	25.6	23.3	26.7	81	1013.0	.7	3.6	0	10	16	3	1	0	0	0	0	0	0	0	0	30
	DEC	08	25.3	23.2	26.7	83	1014.1	1.6	4.9	0	4	13	13	1	0	0	0	0	0	0	1	2	28
		14	29.4	24.6	26.9	66	1012.6	6.5	5.1	0	2	16	12	1	0	0	0	0	0	0	0	0	31
		20	25.0	22.8	26.1	83	1013.8	1.2	4.5	0	6	15	9	1	0	0	0	0	0	0	0	0	31

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS 1998

COUNTRY / STATION / HEIGHT (above msl)	MONTH	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °C	WET BULB °C	VAPOR PRESS. hPa & tenths	REL HUM %	MEAN PRESS. REDUCE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of observations: 0	1,2	3-5	6,7	8	9	VISIBILITY IN km (no. of obs): 0.0 TO 0.3	0.4 TO 0.9	1.0 TO 1.9	2.0 TO 3.1	3.2 TO 4.7	4.8 TO 7.0	7.1 TO 15	> 15
ST.KITTS																							
R.L.Bradshaw	OCT	08					1014.6	8.3	5.6	0	1	10	19	1	0	0	0	0	0	0	0	1	30
Airport		14					1012.9	11.1	5.5	0	0	12	16	2	0	0	0	0	0	0	0	1	29
	NOV	08	27.0	24.4	28.4	80	1014.6	10.0	4.8	0	1	19	10	0	0	0	0	0	0	0	0	0	30
48m		14	28.3	24.9	28.7	75	1013.0	11.3	4.7	0	1	16	12	1	0	0	0	0	0	0	0	0	30
		20	26.2	24.0	28.0	82	1014.0	10.1	4.1	0	5	18	6	1	0	0	0	0	0	0	0	0	30
	DEC	08	26.2	23.7	27.2	80	1015.5	14.8	5.1	0	2	15	14	0	0	0	0	0	0	0	0	0	31
		14	27.6	24.3	27.6	75	1014.0	15.1	5.5	0	0	14	17	0	0	0	0	0	0	0	1	0	30
		20	25.5	23.3	26.9	83	1015.2	13.6	4.7	0	5	14	11	1	0	0	0	0	1	0	0	0	30
National	JAN	07	24.7	22.7	25.8	83																	
Agric.Corp.	FEB	07	25.0	22.5	25.3	80																	
	MAR	07	25.4	22.6	25.3	78																	
	APR	07	26.5	23.9	27.5	80																	
	MAY	07	27.1	24.7	29.1	81																	
	JUN	07	28.1	25.5	30.6	81																	
	JUL	07	27.8	25.0	29.4	79																	
	AUG	07	28.1	25.6	30.7	81																	
	SEP	07	28.1	25.7	31.0	81																	
	OCT	07	27.4	24.9	29.4	81																	
	NOV	07	26.5	23.9	27.6	80																	
	DEC	07	25.8	23.5	27.0	81																	

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS 1998

COUNTRY / STATION / HEIGHT (above msl)	MONTH	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °C	WET BULB °C	VAPOR PRESS. hPa & tenths	REL HUM %	MEAN PRESS. REDUCE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of observations: 0	1,2	3-5	6,7	8	9	VISIBILITY IN km (no. of obs): 0.0 TO 0.3	0.4 TO 0.9	1.0 TO 1.9	2.0 TO 3.1	3.2 TO 4.7	4.8 TO 7.0	7.1 TO 15	> 15
CAYMAN ISLANDS																							
O.Roberts Airport	JAN	02	25.7	23.4	27.2	82	1014.9	8.6	3.2	0	15	11	5	0	0	0	0	0	0	0	0	31	0
		14	26.6	23.7	27.5	78	1015.6	10.5	4.1	0	11	9	10	1	0	0	0	0	0	0	0	31	0
		20	28.3	24.1	27.3	71	1013.1	12.4	4.2	0	8	12	10	1	0	0	0	0	0	0	0	31	0
	FEB	02	25.2	22.2	25.0	77	1013.4	8.6	2.1	2	18	6	2	0	0	0	0	0	0	0	0	28	0
		14	26.3	22.7	25.4	74	1014.3	10.2	3.1	2	12	9	3	2	0	0	0	0	0	0	1	27	0
		20	28.0	23.2	25.3	66	1012.0	12.9	3.1	1	12	11	4	0	0	0	0	0	0	0	0	28	0
	MAR	02	25.4	22.9	26.4	81	1014.9	9.7	3.5	0	16	5	7	3	0	0	0	0	0	0	0	31	0
		14	26.1	23.0	26.1	77	1015.9	13.1	4.3	0	10	10	7	4	0	0	0	0	0	0	0	31	0
		20	27.5	23.6	26.6	72	1013.6	12.5	4.3	0	12	7	7	5	0	0	0	0	0	0	0	31	0
	APR	02	26.1	23.3	26.8	79	1014.4	6.3	1.5	4	20	6	0	0	0	0	0	0	0	0	0	30	0
		14	27.7	23.7	26.7	71	1015.6	11.4	2.4	0	18	10	1	1	0	0	0	0	0	0	0	30	0
		20	29.0	24.3	27.3	68	1013.5	12.6	2.6	0	17	10	3	0	0	0	0	0	0	0	0	30	0
	MAY	02	27.5	24.9	29.7	81	1014.2	4.9	2.3	5	15	8	2	1	0	0	0	0	0	0	0	31	0
		14	29.2	25.4	30.0	74	1014.7	9.5	3.5	1	12	11	6	1	0	0	0	0	0	0	0	31	0
		20	30.1	25.8	30.2	71	1013.2	10.9	3.1	0	20	2	7	2	0	0	0	0	0	0	0	31	0
	JUN	02	28.2	26.1	32.4	85	1015.4	4.9	2.9	0	17	8	3	2	0	0	0	0	0	0	0	30	0
		14	30.4	26.8	32.7	76	1015.5	10.0	4.5	0	9	7	11	3	0	0	0	0	0	0	0	30	0
		20	31.4	26.7	31.7	69	1014.5	9.7	4.2	0	7	14	7	2	0	0	0	0	0	0	0	30	0

TABLE I - SUMMARY OF OBSERVATIONS AT FIXED HOURS 1998

COUNTRY / STATION / HEIGHT (above msl)	MONTH	HOUR LST	MEAN TEMPERATURE AND HUMIDITY: DRY BULB °C	WET BULB °C	VAPOR PRESS. hPa & tenths	REL HUM %	MEAN PRESS. REDUCE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights): MEAN AMT	Number of observations: 0	1,2	3-5	6,7	8	9	VISIBILITY IN km (no. of obs): 0.0 TO 0.3	0.4 TO 0.9	1.0 TO 1.9	2.0 TO 3.1	3.2 TO 4.7	4.8 TO 7.0	7.1 TO 15	> 15
CAYMAN ISLANDS																							
O.Roberts Airport	JUL	02	28.6	26.2	32.4	83	1015.7	5.3	4.1	0	10	12	6	3	0	0	0	0	0	0	0	31	0
		14	30.4	26.8	32.8	75	1015.7	8.6	4.9	0	5	12	13	1	0	0	0	0	0	0	0	31	0
		20	30.7	26.7	32.3	73	1014.7	8.9	5.0	0	5	10	16	0	0	0	0	0	0	0	0	31	0
	AUG	02	28.7	26.4	32.9	84	1014.1	4.5	3.5	1	12	10	8	0	0	0	0	0	0	0	0	31	0
		14	30.8	27.1	33.3	75	1014.4	8.0	3.8	0	8	17	6	0	0	0	0	0	0	0	0	31	0
		20	30.9	27.1	33.2	75	1013.0	8.6	4.4	0	8	11	11	1	0	0	0	1	0	0	0	30	0
	SEP	02	28.5	26.4	33.0	85	1012.2	8.4	4.6	0	7	10	10	3	0	0	0	0	0	0	1	29	0
		14	30.0	27.0	33.7	79	1012.5	10.4	5.1	0	4	10	16	0	0	0	0	0	0	0	0	30	0
		20	31.1	27.2	33.5	74	1010.6	12.4	5.0	0	6	7	15	2	0	0	0	0	0	0	1	29	0
	OCT	02	27.3	25.9	32.5	89	1013.6	7.8	5.0	0	8	7	9	7	0	0	0	0	0	0	1	30	0
		14	29.3	26.7	33.4	82	1013.7	10.5	5.4	0	2	14	9	6	0	0	0	0	0	0	0	31	0
		20	29.3	26.3	32.3	80	1011.6	10.6	5.7	0	2	11	8	10	0	0	0	0	0	1	1	29	0
	NOV	02	26.8	24.8	30.0	85	1015.0	9.2	3.1	0	17	7	5	1	0	0	0	0	0	0	1	29	0
		14	28.0	25.2	30.3	80	1015.5	12.7	4.2	0	7	13	8	1	0	0	0	0	0	1	1	27	0
		20	28.8	25.5	30.3	77	1013.0	11.9	4.8	0	2	18	7	2	0	0	0	0	0	0	0	29	0
	DEC	02	25.8	23.5	27.5	83	1016.7	8.0	2.9	0	18	7	5	1	0	0	0	0	0	0	0	31	0
		14	27.2	24.2	28.2	78	1017.4	11.1	3.9	0	12	8	10	1	0	0	0	0	0	0	0	31	0
		20	28.3	24.4	28.0	73	1014.8	12.3	4.1	0	8	12	11	0	0	0	0	0	0	0	0	31	0

TABLE II - SUMMARY OF DAILY OBSERVATIONS 1998

COUNTRY STATION	MONTH	RAINFALL(mm) TOTAL AMOUNT	MOST IN A DAY	DATE	DAYS WITH, OR GREATER THAN 1.2	10.2	25.4	AIR TEMPERATURE °C MEAN MAX A	MEAN MIN B	MEAN (A+B)/2	EXTREMES MAX	MIN	MEAN GRASS MIN °C	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUN	FOG	HAIL	GALE
GRENADA																		
Mac Donald College	JAN	49.2	25.0	5	9	1	0	31.0	23.2	27.1	32.0	21.3			0	0	0	0
	FEB	10.9	5.4	24	3	0	0	32.2	23.6	27.9	35.7	21.8			0	0	0	0
	MAR							29.3	22.3	25.8	30.2	20.1			0	0	0	0
	APR	27.5	6.3	16	7	0	0	32.0	24.4	28.2	34.0	22.6			0	0	0	0
	MAY	143.0	25.4	30	14	6	1	31.9	24.0	27.9	32.9	21.9			0	0	0	0
	JUN	301.7	50.4	12	22	11	3	31.4	22.8	27.1	32.4	21.5			0	0	0	0
	JUL	102.0	28.8	2	14	2	1	29.6	23.4	26.5	30.8	22.0			0	0	0	0
	OCT	327.7	98.8	16	15	8	3	28.9	22.5	25.7	30.0	20.7			0	0	0	0
	NOV	214.1	52.8	8	16	5	3	28.9	22.6	25.7	30.0	21.2			0	0	0	0
	DEC	526.1	189.0	7	20	11	4	29.9	22.5	26.2	31.3	21.7			0	0	0	0
Mirabeau	JAN	111.8	24.0	5	13	6	0	28.9	22.8	25.9	29.8	21.3			0	0	0	0
	FEB	20.5	9.3	10	6	0	0	29.6	22.6	26.1	30.8	19.6			0	0	0	0
	MAR	34.0	12.2	31	8	1	0	30.0	22.8	26.4	31.2	18.0			0	0	0	0
	APR	24.4	9.0	20	5	0	0	30.5	23.8	27.2	32.0	20.5			0	0	0	0
	MAY	271.3	80.0	21	16	7	4	30.1	23.9	27.0	31.3	21.0		177.1	0	0	0	0
	JUL	163.4	34.0	2	21	3	1	29.8	23.1	26.5	30.5	21.3		216.2	0	0	0	0
	OCT	316.2	104.3	16	16	7	4	30.2	23.3	26.7	31.4	21.4		178.4	0	0	0	0
	NOV	203.3	61.8	7	16	7	2	29.8	23.2	26.5	31.0	21.5		232.7	0	0	0	0
	DEC	411.8	122.0	7	19	9	5	29.0	22.6	25.8	31.0	21.4		173.0	0	0	0	0

TABLE II - SUMMARY OF DAILY OBSERVATIONS 1998

COUNTRY STATION	MONTH	RAINFALL(mm) TOTAL AMOUNT	MOST IN A DAY	DATE	DAYS WITH, OR GREATER THAN 1.2	10.2	25.4	AIR TEMPERATURE °C MEAN MAX A	MEAN MIN B	MEAN (A+B)/2	EXTREMES MAX	MIN	MEAN GRASS MIN °C	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUN	FOG	HAIL	GALE
ST.VINCENT																		
E.T.Joshua Airport	JAN	211.0	86.0	9	19	5	1	29.8	24.3	27.1	30.5	23.0			0	0	0	0
	FEB	33.0	8.9	21	6	0	0	30.3	24.7	27.5	32.2	23.0			0	0	0	0
	MAR	79.6	31.4	27	11	2	1	30.3	24.5	27.4	31.0	22.3			0	0	0	0
	APR	114.5	47.3	20	11	4	1	30.9	25.2	28.1	32.7	23.0			0	0	0	0
	MAY	253.6	83.2	29	15	6	4	31.1	25.4	28.2	32.3	23.0			0	0	0	0
	JUN	312.0	78.0	3	23	11	2	30.6	24.9	27.7	31.7	22.3			0	0	0	1
	JUL	165.5	39.0	12	17	4	2	31.0	25.2	28.1	31.9	22.5			0	0	0	0
	AUG	121.5	19.2	31	14	3	0	32.0	25.3	28.7	33.0	23.7			1	0	0	0
	SEP	291.0	71.2	2	17	9	3	31.7	25.1	28.4	32.7	21.5			3	0	0	0
	OCT	677.2	150.0	22	22	15	8	30.9	24.5	27.7	32.0	21.0			5	0	0	0
	NOV	204.2	61.3	27	19	5	1	30.8	24.4	27.6	31.7	22.1			2	0	0	0
	DEC	492.0	106.7	7	24	12	5	29.9	23.6	26.8	31.9	21.4			1	0	0	0
ST.LUCIA																		
Roseau Winban	JAN	123.8	44.5	2	17	3	1	27.3	22.5	24.9	30.5	19.7		244.5	0	0	0	0
	FEB	23.1	7.5	23	6	0	0	28.4	22.5	25.5	31.1	20.0		260.3	0	0	0	0
	MAR	51.1	18.6	16	7	2	0	28.5	23.4	25.9	31.1	19.5		271.2	0	0	0	0
	MAY	105.3	22.8	10	11	4	0	29.8	25.0	27.4	32.2	22.1		223.1	0	0	0	0
	JUN	302.4	45.0	20	23	9	5	29.1	25.1	27.1	30.6	23.5		163.4	0	0	0	0
	JUL	259.0	99.6	20	18	7	2	29.3	24.6	26.9	31.1	22.5		231.2	0	0	0	0
	AUG	214.5	73.7	30	16	6	2	30.0	24.5	27.2	32.3	23.0		235.8	0	0	0	0
	SEP	207.4	69.6	1	16	5	2	29.9	24.2	27.1	32.2	22.5		213.4	0	0	0	0
	OCT	466.4	110.8	20	25	10	6	28.9	24.1	26.5	31.2	22.4		171.3	0	0	0	0
	NOV	178.2	57.0	26	19	4	1	28.6	23.5	26.1	30.0	21.8		230.5	0	0	0	0
	DEC	302.1	26.7	6	27	14	1	27.5	23.4	25.5	29.7	22.0		194.5	0	0	0	0

TABLE II - SUMMARY OF DAILY OBSERVATIONS 1998

COUNTRY STATION	MONTH	RAINFALL(mm) TOTAL AMOUNT	MOST IN A DAY	DATE	DAYS WITH, OR GREATER THAN 1.2	10.2	25.4	AIR TEMPERATURE °C MEAN MAX A	MEAN MIN B	MEAN (A+B)/2	EXTREMES MAX	MIN	MEAN GRASS MIN °C	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUN	FOG	HAIL	GALE
DOMINICA																		
Canefield Airport	JAN	187.3	61.7	11	13	6	2	30.5	22.7	26.6	31.7	20.7			0	0	0	0
	FEB	14.9	3.3	9	5	0	0	30.9	22.3	26.6	32.4	20.4			0	0	0	0
	MAR	44.6	9.4	20	9	0	0	31.2	25.7	28.5	32.8	20.7			0	0	0	0
	APR	81.8	34.9	9	10	2	1	31.5	24.4	27.9	33.9	22.7			0	0	0	0
	MAY	126.4	42.5	8	9	3	3	32.2	24.4	28.3	34.4	22.6			0	0	0	0
	JUN	247.4	72.0	27	15	6	4	32.1	25.2	28.7	34.2	23.8			0	0	0	0
	JUL	363.2	140.2	20	17	6	4	32.1	24.8	28.4	33.3	23.2			0	0	0	0
	AUG	241.0	58.2	16	18	7	2	32.2	24.8	28.5	33.9	23.7			0	0	0	0
	SEP	236.4	66.3	1	19	5	3	31.0	25.9	28.4	33.2	23.9			0	0	0	0
	OCT	327.7	44.5	18	20	12	3	31.8	24.0	27.9	33.2	22.5			0	0	0	0
	NOV	118.3	23.9	11	17	3	0	31.3	23.5	27.4	32.6	22.1			0	0	0	0
	DEC	213.4	26.8	13	23	9	1	29.2	24.2	26.7	31.1	23.3			0	0	0	0
Melville Hall Airport	JAN	249.0	42.8	9	22	9	2	29.0	22.9	25.9	29.6	20.6		227.5	3	0	0	0
	FEB	33.2	9.7	13	7	0	0	29.4	21.9	25.7	31.9	17.9		255.9	0	0	0	0
	MAR	65.4	11.5	27	15	2	0	29.8	23.5	26.6	31.3	20.7		272.4	0	0	0	0
	APR	227.8	50.2	8	15	8	3	29.9	23.5	26.7	31.8	21.2		256.6	1	0	0	0
	MAY	292.3	127.0	24	20	5	2	30.5	24.2	27.3	31.6	21.6		234.8	2	0	0	0
	JUN	253.9	81.7	15	20	6	2	30.9	25.4	28.1	31.7	23.5		212.4	2	0	0	0
	JUL	305.5	67.2	2	24	8	4	31.0	24.9	28.0	31.7	22.8		240.7	5	0	0	0
	AUG	257.2	36.8	9	17	7	5	31.4	25.0	28.2	32.6	22.4		257.8	1	0	0	0
	SEP	260.9	57.6	21	19	9	3	31.5	25.0	28.3	32.5	22.7		239.0	2	0	0	0
	OCT	644.9	150.0	20	23	13	6	30.6	24.3	27.5	32.2	22.1		192.4	3	0	0	0
	NOV	356.7	47.8	11	26	13	5	29.8	23.4	26.6	32.5	21.6		204.2	0	0	0	0
	DEC	372.5	43.5	7	27	15	2		23.7			21.8		176.1	0	0	0	0

TABLE II - SUMMARY OF DAILY OBSERVATIONS 1998

COUNTRY STATION	MONTH	RAINFALL(mm) TOTAL AMOUNT	MOST IN A DAY	DATE	DAYS WITH, OR GREATER THAN 1.2	10.2	25.4	AIR TEMPERATURE °C MEAN MAX A	MEAN MIN B	MEAN (A+B)/2	EXTREMES MAX	MIN	MEAN GRASS MIN °C	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUN	FOG	HAIL	GALE
ST.KITTS																		
R.L.Bradshaw	OCT	135.9	40.5	29	13	4	2								3	0	0	0
Airport	NOV	10.6	6.1	29	1	0	0	29.3	24.0	26.6	30.8	21.3		242.0	3	0	0	0
	DEC	8.7	2.9	27	2	0	0	29.4	23.8	26.6	31.2	23.0		198.5	0	0	0	0
National Agric.	JAN	110.1	22.0	4	17	2	0	29.7	15.9	22.8	30.8	9.5			1	0	0	0
Corp.	FEB	16.8	8.6	9	4	0	0	30.4	15.9	23.1	31.6	13.5			0	0	0	0
	MAR	55.9	21.9	31	11	1	0	30.6	15.7	23.1	32.0	13.5			1	0	0	0
	APR	30.9	18.0	14	8	1	0	30.7	16.0	23.3	32.5	13.4			1	0	0	0
	MAY	49.1	6.3	3	13	0	0	32.1	16.1	24.1	33.5	13.3			1	0	0	0
	JUN	87.8	29.6	3	10	2	1	32.0	20.4	26.2	33.4	15.5			4	0	0	0
	JUL	109.7	27.2	3	14	4	1	31.7	23.8	27.7	33.0	21.1			5	0	0	0
	AUG	107.0	29.4	24	15	3	1	32.1	24.6	28.4	33.7	22.4			6	0	0	0
	SEP	301.3	211.0	20	13	2	2	32.4	24.4	28.4	33.8	22.0			3	0	0	0
	OCT	147.8	38.0	28	14	5	2	31.5	24.5	28.0	32.5	22.2			4	0	0	0
	NOV	242.6	127.2	28	13	4	2	30.1	24.2	27.2	31.5	21.5			0	0	0	0
	DEC	212.6	114.7	27	23	3	1	29.4	23.7	26.6	31.0	21.5			1	0	0	0

TABLE II - SUMMARY OF DAILY OBSERVATIONS 1998

COUNTRY / STATION	MONTH	RAINFALL(mm) TOTAL AMOUNT	MOST IN A DAY	DATE	DAYS WITH, OR GREATER THAN 1.2	10.2	25.4	AIR TEMPERATURE °C MEAN MAX A	MEAN MIN B	MEAN (A+B)/2	EXTREMES MAX	MIN	MEAN GRASS MIN °C	TOTAL SUNSHINE DURATION HR	NO OF DAYS WITH THUN	FOG	HAIL	GALE
CAYMAN ISLANDS																		
O.Roberts Airport	JAN	17.4	7.6	3	5	0	0	29.3	24.0	26.7	30.8	21.0			1	0	0	0
	FEB	123.1	113.6	2	5	1	1	28.8	23.1	25.9	30.5	19.4			3	0	0	0
	MAR	48.9	23.1	2	7	1	0	28.5	23.5	26.0	30.8	20.6			1	0	0	0
	APR	30.2	27.4	10	2	1	1	29.9	23.9	26.9	31.7	21.3			1	0	0	0
	MAY	105.8	48.8	26	4	3	2	31.1	25.4	28.2	32.1	22.6			3	0	0	0
	JUN	136.4	35.8	23	12	3	2	32.7	26.1	29.4	34.5	23.3			9	0	0	0
	JUL	113.8	28.7	25	9	4	1	32.3	25.9	29.1	33.5	21.4			18	0	0	0
	AUG	164.7	62.4	9	11	3	3	32.3	26.3	29.3	33.5	23.9			17	0	0	0
	SEP	130.2	42.7	13	10	5	2	31.7	26.9	29.3	33.5	23.4			5	0	0	0
	OCT	560.3	98.6	29	17	13	9	31.1	25.1	28.1	33.5	22.4			15	0	0	0
	NOV	79.9	44.4	16	9	2	1	30.0	25.2	27.6	31.6	22.5			3	0	0	0
	DEC	71.1	32.1	11	5	2	2	29.0	24.2	26.6	30.6	19.4			0	0	0	0

TABLE III - SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS 1998

COUNTRY / STATION	MONTH	RUN OF WIND (kilometers)		EVAPORATION (mm)			TOTAL RADIATION (MJ/M^2)		
		DAILY	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY
GRENADA									
Mac Donald College	JAN	343	536						
	APR	363	575						
	MAY	359	650						
	JUN	322	590						
Mirabeau									
	JAN	108	154						
	FEB	112	170						
	MAR	133	185						
	APR	116	229						
	MAY	70	127						
	JUL	59	139						
	OCT	38	74						
ST.LUCIA									
Roseau Winban	JAN	116	175	122.7	6.4	15			
	FEB	121	182	143.2	6.5	18			
	MAR	160	264	184.7	13.2	21			
	MAY	137	194	181.4	10.0	22			
	JUN	138	200	146.2	8.8	20			
	JUL	123	197	170.2	9.6	4			
	AUG			152.2	6.9	28			
	SEP	97	158	137.3	7.6	15			
	OCT	90	136	125.1	8.0	26			
	NOV	95	160	121.5	7.8	5			
	DEC	120	253	118.2	9.0	22			
ST.KITTS									
National Agric. Corp.	JAN			149.4	7.0	23			
	FEB			152.6	7.2	23			
	MAR			207.5	9.0	11			
	APR			172.7	9.7	25			
	MAY			189.9	9.6	27			
	JUN			185.1	9.4	30			
	JUL			206.9	8.9	31			
	AUG			188.5	8.1	3			
	SEP			187.9	10.1	14			
	OCT			181.2	8.3	3			
	NOV			155.9	8.8	3			
	DEC			145.1	7.9	12			

TABLE V - SUMMARY OF WINDSPEED RECORDS 1998

COUNTRY / STATION	MONTH	HIGHEST HOURLY WIND (kt)				HIGHEST GUST (kt)				NO. OF HOURS WITH GUST EXCEEDING			MEAN WIND SPEED
		DIRN	SPEED	HOUR ENDED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	kt
ST.VINCENT													
E.T.Joshua Airport	JAN	9	16	12	3	9	16	1145	3	0	0	0	9.5
	FEB	9	16	16	23	10	16	1055	22	0	0	0	9.6
	MAR	9	17	12	3	12	17	1300	21	0	0	0	
	APR	10	16	11	30	10	16	0010	30	0	0	0	
	MAY	12	15	9	14	9	16	1300	27	0	0	0	9.2
	JUN	11	16	8	25	11	16	0730	25	0	0	0	8.9
	AUG	10	19	10	25	10	16	1020	25	0	0	0	6.7
	SEP	10	14	15	14	10	14	1440	14	0	0	0	
	OCT	11	16	11	3	12	14	2125	21	0	0	0	
	NOV	10	12	13	27	9	16	2030	18	0	0	0	8.0
	DEC	11	20	12	27	11	20	2110	27	0	0	0	6.6

TABLE VI - SUMMARY OF SUNSHINE RECORDS 1998

COUNTRY / STATION	MONTH	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (local Apparent Time) 5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12	12 TO 13	13 TO 14	14 TO 15	15 TO 16	16 TO 17	17 TO 18	18 TO 19	TOTAL DURATION (hours)	PERCENT POSSIB.	MOST IN A DAY	DATE	DAYS WITH AMOUNTS WITHIN RANGES (hours) NIL	0.1 TO 3.0	3.1 TO 6.0	6.1 TO 9.0	9.1 TO 12	> 12
GRENADA																									
Mirabeau	MAY	0	12	37	49	64	66	68	68	67	57	45	29	9	0	177.1	45	10.9	25	2	7	4	14	4	0
	JUL	0	15	48	60	72	74	75	71	75	78	69	42	17	0	216.2	54	10.4	25	2	3	5	7	14	0
	AUG	0	24	73	89	93	93	92	88	89	88	86	78	29	0	285.9	74	11.0	21	0	1	2	5	23	0
	SEP	0	31	64	74	86	83	79	83	87	75	54	37	14	0	230.0	59	9.8	3	1	1	3	17	8	0
	OCT	0	2	38	55	60	68	70	61	64	58	54	36	10	0	178.4	49	10.4	11	2	7	5	8	8	0
	NOV	0	1	34	84	89	88	91	91	87	87	79	43	1	0	232.7	67	9.7	1	0	3	1	18	7	0
	DEC	0	0	15	38	66	68	70	71	69	70	52	37	2	0	173.0	48	9.8	21	3	4	9	9	6	0
ST.LUCIA																									
Roseau Winban	JAN	0	1	53	60	72	83	85	83	88	85	84	77	18	0	244.5	69	10.6	31	0	3	1	15	12	0
	FEB	0	8	73	84	88	94	93	95	89	93	93	85	36	0	260.3	79	10.7	5	0	0	1	6	21	0
	MAR	0	8	67	88	91	91	90	91	89	85	78	72	24	0	271.2	73	10.7	1	0	1	3	7	20	0
	MAY	0	23	51	64	68	71	69	65	67	71	65	64	41	0	223.1	57	11.5	1	1	2	6	12	10	0
	JUN	0	7	23	42	57	64	70	64	64	51	49	38	15	0	163.4	42	10.1	17	2	4	9	11	4	0
	JUL	0	19	52	63	70	72	73	75	74	70	72	66	41	0	231.2	58	11.1	15	0	5	3	11	12	0
	AUG	0	24	59	72	76	79	80	74	80	70	66	50	31	0	235.8	60	11.2	11	0	5	2	9	15	0
	SEP	0	13	57	74	79	80	72	65	71	63	62	57	18	0	213.4	58	10.9	30	0	6	4	8	12	0
	OCT	0	1	31	53	69	64	55	59	61	55	48	42	14	0	171.3	47	10.3	24	1	9	7	5	9	0
	NOV	0	5	57	70	72	81	85	84	80	75	72	68	19	0	230.5	67	10.5	10	0	4	1	14	10	0
	DEC	0	3	32	50	69	71	75	66	74	65	65	49	7	0	194.5	55	10.5	10	1	4	7	15	4	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS 1998

COUNTRY		MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (local Apparent Time)														TOTAL DURATION	PERCENT POSSIB.	MOST IN A DAY	DATE	DAYS WITH AMOUNTS WITHIN RANGES (hours)					
STATION	MONTH	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12	12 TO 13	13 TO 14	14 TO 15	15 TO 16	16 TO 17	17 TO 18	18 TO 19	(hours)				NIL	0.1 TO 3.0	3.1 TO 6.0	6.1 TO 9.0	9.1 TO 12	> 12
DOMINICA																									
Melville Hall Airport	JAN	0	7	63	76	79	86	86	87	75	67	58	45	4	0	227.5	65	10.1	19	0	1	8	17	5	0
	FEB	0	25	77	82	82	88	81	86	93	95	95	83	27	0	255.9	79	11.1	28	0	0	2	8	18	0
	MAR	0	26	78	87	89	92	91	93	91	83	74	61	14	0	272.4	73	10.7	21	0	0	2	13	16	0
	APR	1	40	71	79	85	89	84	80	76	78	70	71	32	0	256.6	68	11.7	22	1	0	5	5	18	0
	MAY	2	45	59	77	72	73	73	69	65	65	63	56	37	0	234.8	59	12.1	11	0	3	9	6	12	1
	JUN	0	24	57	72	70	73	72	76	69	66	60	48	22	0	212.4	54	10.5	7	2	2	7	8	11	0
	JUL	1	42	60	65	73	74	74	74	74	75	69	59	35	2	240.7	60	12.0	12	1	3	5	8	14	0
	AUG	0	46	76	80	81	78	82	81	80	72	68	64	25	0	257.8	66	11.5	28	1	2	3	7	18	0
	SEP	0	27	72	76	84	85	84	78	76	79	68	52	18	0	239.0	65	11.1	18	0	2	3	11	13	0
	OCT	0	12	43	54	70	72	68	66	71	61	48	45	11	0	192.4	53	10.8	24	2	4	6	12	7	0
	NOV	0	13	49	60	70	78	80	85	74	69	58	41	4	0	204.2	60	10.1	5	1	5	3	14	7	0
	DEC	0	1	35	56	67	77	73	71	69	59	44	17	0	0	176.1	51	9.3	15	1	4	7	18	1	0