# MONTHLY WEATHER SUMMARY

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1980

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

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January to March
1980

# National Oceanic and Atmospheric Administration

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TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) Yards: 0-440 | 440-1,100 | 1,100-2,200 | Miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 75.9 | 73.6 | 27.3 | 90 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 77.0 | 74.1 | 27.9 | 88 | | | | | | | | | | | | | | | | | |
| PIARCO APT | 41 | 02 | 72.5 | 71.2 | 27.3 | 94 | 1013.2 | 2.1 | 3.4 | 2 | 11 | 11 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 15 | 15 |
| | | 08 | 75.7 | 73.0 | 26.8 | 88 | 1015.0 | 2.6 | 4.4 | 1 | 9 | 7 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 15 |
| | | 14 | 83.7 | 75.2 | 26.2 | 66 | 1013.1 | 10.0 | 5.4 | 0 | 2 | 11 | 17 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 6 | 20 |
| PIARCO APT | 41 | 20 | 75.6 | 73.2 | 26.8 | 89 | 1013.7 | 3.4 | 3.2 | 1 | 14 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | 18 |
| ST. AUGUSTINE UWI | 52 | 09 | 80.7 | 74.9 | 27.1 | 76 | | 3.2 | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT APT | | 02 | 75.9 | 72.5 | 25.7 | 84 | 1013.7 | 2.3 | 3.7 | 0 | 11 | 8 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16 |
| | | 08 | 78.4 | 73.9 | 26.5 | 80 | 1015.4 | 4.5 | 4.5 | 0 | 7 | 11 | 11 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 11 | 12 |
| | | 14 | 82.1 | 75.7 | 27.6 | 74 | 1013.8 | 9.6 | 4.8 | 0 | 8 | 9 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 16 | 9 |
| | | 20 | 76.6 | 73.3 | 26.4 | 84 | 1014.3 | 2.9 | 3.9 | 0 | 11 | 9 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 16 | 12 |
| LOUIS D'OR | 40 | 08 | 81.2 | 74.6 | 26.3 | 72 | | 1.1 | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 79.2 | 75.0 | 27.7 | 81 | | | 5.5 | 0 | 1 | 15 | 13 | 2 | 0 | | | | | | | | |
| PEARLS APT | 22 | 08 | 78.8 | 74.4 | 27.1 | 81 | 1015.1 | 7.9 | 4.1 | 0 | 7 | 14 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 11 | 18 |
| | | 14 | 81.9 | 76.3 | 28.5 | 77 | 1013.7 | 9.1 | 4.3 | 0 | 9 | 10 | 8 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 4 | 21 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS APT | 183 | 02 | 76.9 | 73.2 | 25.7 | 81 | 1014.2 | 8.6 | 3.3 | 0 | 12 | 14 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 08 | 79.6 | 73.6 | 25.9 | 75 | 1016.1 | 9.3 | 4.3 | 0 | 8 | 11 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 81.8 | 74.5 | 25.8 | 70 | 1014.3 | 11.6 | 4.0 | 0 | 8 | 14 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 20 | 77.6 | 73.2 | 25.9 | 80 | 1015.2 | 8.5 | 3.7 | 0 | 11 | 14 | 5 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 30 |
| GIBBONS BOGGS | | 09 | 81.2 | 74.5 | 26.8 | 74 | | | | | | | | | | | | | | | | | |
| HUSBANDS OMI | 370 | 08 | 76.8 | 72.5 | 25.1 | 80 | 1016.4 | 5.3 | 4.6 | 0 | 5 | 15 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 25 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08 | 78.0 | 72.5 | 24.8 | 76 | | | | | | | | | | | | | | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA APT | 21 | 08 | 79.0 | 73.1 | 25.1 | 74 | 1015.5 | 11.1 | 4.3 | 0 | 9 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 14 | 83.4 | 75.0 | 25.9 | 66 | 1014.0 | 13.5 | 3.7 | 0 | 13 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| ROSEAU, WINBAN | | 09 | 80.8 | 74.1 | 25.3 | 70 | | | | | | | | | | | | | | | | | |
| UNION | | 08 | 79.6 | 73.3 | 25.0 | 72 | | | | | | | | | | | | | | | | | |
| VIGIE APT | | 08 | 77.7 | 73.1 | 25.7 | 79 | 1015.3 | 6.6 | 3.7 | 0 | 14 | 7 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 |
| | | 14 | 82.8 | 75.0 | 26.1 | 68 | 1013.9 | 10.9 | 4.0 | 0 | 8 | 11 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL APT | | 08 | 76.8 | 72.5 | 25.5 | 81 | 1016.9 | 8.8 | 5.2 | 0 | 1 | 16 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 19 |
| | | 14 | 81.3 | 74.3 | 26.0 | 71 | 1015.3 | 9.4 | 5.1 | 0 | 4 | 9 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 22 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE APT | 26 | 02 | 74.7 | 70.9 | 24.2 | 83 | 1015.7 | 10.0 | 3.3 | 1 | 13 | 12 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 08 | 76.1 | 71.6 | 24.5 | 80 | 1017.0 | 10.7 | 3.7 | 0 | 12 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 80.4 | 73.8 | 25.6 | 72 | 1015.6 | 12.2 | 4.3 | 0 | 7 | 13 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 30 |
| | | 20 | 75.9 | 71.6 | 24.5 | 80 | 1016.4 | 10.4 | 2.7 | 0 | 16 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK APT | | 08 | 76.5 | 71.1 | 23.7 | 76 | 1017.8 | 11.6 | 4.2 | 0 | 5 | 18 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 80.3 | 73.3 | 24.5 | 69 | 1016.3 | 11.9 | 4.4 | 0 | 7 | 13 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | | 09 | 78.6 | 73.7 | 26.2 | 78 | | 7.7 | 3.0 | 1 | 13 | 13 | 1 | 3 | 0 | | | | | | | | |
| BELIZE APT | 17 | 00 | 72.9 | 71.4 | 25.8 | 94 | 1015.3 | 3.0 | 3.2 | 2 | 13 | 10 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 06 | 70.9 | 70.1 | 25.0 | 97 | 1014.6 | 1.7 | 4.4 | 1 | 6 | 13 | 9 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 28 |
| | | 12 | 81.0 | 74.1 | 26.0 | 72 | 1015.4 | 8.7 | 5.0 | 0 | 6 | 8 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 31 |
| | | 18 | 76.5 | 72.9 | 26.4 | 85 | 1013.8 | 4.5 | 4.2 | 0 | 10 | 10 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| EBINI | 94 | 09 | 75.1 | 73.9 | 28.0 | 95 | 1014.5 | 0.8 | 4.6 | 0 | 5 | 14 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | | 15 | 85.5 | 75.9 | 26.2 | 63 | 1011.9 | 8.0 | 5.4 | 0 | 0 | 17 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 |
| FRIENDSHIP | | 09 | 76.9 | 75.1 | 29.0 | 92 | | | | | | | | | | | | | | | | | |
| | | 15 | 85.1 | 76.6 | 27.5 | 67 | | | | | | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS. | 7 | 09 | 80.1 | 75.6 | 28.3 | 79 | 1014.0 | 6.7 | 4.5 | 0 | 7 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 9 |
| | | 15 | 83.4 | 76.6 | 28.3 | 73 | 1012.7 | 10.1 | 4.4 | 0 | 9 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 14 |
| ITABRU FALLS | | 09 | 75.4 | 74.2 | 28.3 | 94 | | | | | | | | | | | | | | | | | |
| | | 15 | 87.3 | 78.5 | 29.4 | 66 | | | | | | | | | | | | | | | | | |
| KAMARANG | 1625 | 09 | 69.2 | 68.1 | 23.0 | 95 | 1017.1 | 2.1 | 5.7 | 0 | 2 | 9 | 16 | 2 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| | | 15 | 80.7 | 71.4 | 22.2 | 62 | 1013.2 | 6.1 | 5.3 | 0 | 2 | 13 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 20 |
| MABARUMA | 168 | 09 | 74.4 | 73.1 | 27.2 | 94 | 1013.6 | 3.1 | 4.2 | 0 | 8 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 17 |
| | | 15 | 84.2 | 75.8 | 26.7 | 67 | 1011.5 | 6.4 | 4.5 | 0 | 3 | 19 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 21 |
| MAHAICONY | 6 | 09 | 79.9 | 75.2 | 27.7 | 80 | | 6.9 | 4.6 | 0 | 6 | 9 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 22 |
| | | 15 | 83.0 | 76.3 | 28.0 | 73 | | 9.4 | 4.6 | 0 | 4 | 14 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 25 |
| MAZARUNI | 47 | 09 | 76.3 | 73.9 | 27.5 | 89 | | | | | | | | | | | | | | | | | |
| | | 15 | 85.5 | 75.1 | 24.9 | 60 | | | | | | | | | | | | | | | | | |
| MON REPOS | | 09 | 79.2 | 76.4 | 29.9 | 88 | | | | | | | | | | | | | | | | | |
| | | 15 | 83.1 | 77.8 | 30.2 | 78 | | | | | | | | | | | | | | | | | |
| TIMEHRI APT | 100 | 03 | 72.2 | 71.5 | 26.1 | 97 | 1012.2 | 0.2 | 2.6 | 4 | 16 | 4 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 0 |
| | | 09 | 75.7 | 73.7 | 27.5 | 91 | 1014.4 | 1.6 | 3.7 | 0 | 11 | 12 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 19 | 11 |
| | | 15 | 84.3 | 75.4 | 26.3 | 65 | 1012.1 | 7.3 | 5.3 | 0 | 1 | 15 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 20 |
| | | 21 | 75.4 | 73.3 | 27.1 | 90 | 1012.7 | 2.1 | 2.8 | 3 | 16 | 5 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 11 |

TABLE II SUMMARY OF DAILY OBSERVATIONS JANUARY 1980

| COUNTRY STATION | RAINFALL (inches) | | | | | | AIR TEMPERATURE °F | | | | | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH OR MORE THAN | | | MEAN MAX | MEAN MIN | MEAN | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | A | B | ½(A+B) | MAX | MIN | | | | | | |
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 2.98 | .49 | 13 | 17 | 2 | 0 | 84.8 | 69.3 | 77.1 | 87 | 65 | | 239.2 | | | | |
| PENAL | 2.92 | .79 | 1 | 11 | 2 | 0 | 86.4 | 68.1 | 77.3 | 89 | 65 | | 248.5 | | | | |
| ST. AUGUSTINE UWI | 1.38 | .26 | 4 | 11 | 0 | 0 | 87.1 | 69.1 | 78.1 | 89 | 65 | | 218.8 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT APT | 2.92 | .47 | 17 | 16 | 2 | 0 | 85.2 | 73.7 | 79.5 | 87 | 70 | | 231.0 | | | | |
| LOUIS D'OR | 6.95 | 1.53 | 14 | 20 | 4 | 1 | 84.6 | 73.0 | 78.8 | 86 | 69 | | 222.4 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 8.81 | 2.72 | 16 | 15 | 7 | 2 | 81.9 | 71.3 | 76.6 | 84 | 66 | | 177.7 | | | | |
| PEARLS APT | 6.34 | 1.70 | 16 | 13 | 5 | 2 | 83.9 | 74.1 | 79.0 | 86 | 65 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| G. ADAMS APT | 3.23 | 1.01 | 11 | 9 | 3 | 1 | 82.9 | 75.0 | 79.0 | 85 | 68 | | 284.8 | | | | |
| GIBBONS BOGGS | 2.73 | .80 | 11 | 8 | 3 | 0 | 86.1 | 65.5 | 75.8 | 88 | 59 | | | | | | |
| HUSBANDS OMI | 2.78 | .54 | 11 | 14 | 3 | 0 | 84.7 | 71.1 | 77.9 | 88 | 63 | | 292.8 | | | | |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 7.57 | 2.24 | 15 | 15 | 5 | 2 | 83.1 | 72.0 | 77.6 | 90 | 68 | | 255.1 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA APT | 3.38 | 1.62 | 15 | 10 | 2 | 1 | 84.8 | 74.1 | 79.5 | 87 | 65 | | | | | | |
| ROSEAU, WINBAN | 5.82 | 3.19 | 15 | 15 | 3 | 1 | 84.3 | 69.0 | 76.7 | 87 | 63 | | 261.5 | | | | |
| UNION | 7.49 | 3.47 | 15 | 12 | 4 | 2 | 83.5 | 71.3 | 77.4 | 85 | 61 | | 221.0 | | | | |
| VIGIE APT | 6.18 | 2.87 | 15 | 10 | 3 | 3 | 85.0 | 72.7 | 78.9 | 87 | 66 | | | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL APT | 2.51 | .50 | 30 | 13 | 1 | 0 | 83.2 | 71.7 | 77.5 | 85 | 65 | | 219.4 | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS JANUARY 1980

| COUNTRY STATION | RAINFALL (inches) | | | | | | AIR TEMPERATURE °F | | | | | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR MORE THAN | | | MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | | | | MAX | MIN | | | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE APT | 1.91 | .53 | 11 | 10 | 1 | 0 | 81.9 | 72.0 | 77.0 | 84 | 63 | | | | | | |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| NATIONAL AGRI. CORP. | 1.54 | .66 | 09 | 9 | 1 | 0 | 86.8 | 72.9 | 79.9 | 90 | 65 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY | 1.30 | .56 | 14 | 5 | 1 | 0 | 83.5 | 72.5 | 78.0 | 89 | 65 | | 250.0 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE APT | 5.11 | 2.23 | 23 | 6 | 3 | 2 | 83.5 | 69.0 | 76.3 | 89 | 57 | | 207.9 | 4 | 5 | 0 | 0 |
| BELMOPAN | 5.67 | 2.80 | 18 | 9 | 2 | 2 | 84.5 | | | 92 | | | | | | | |
| BIG FALLS RANCH | 4.17 | 1.53 | 23 | 7 | 5 | 1 | 84.7 | 65.1 | 74.9 | 90 | 59 | 64.6 | | 0 | 3 | 0 | 0 |
| CENTRAL FARM | 7.16 | 4.05 | 17 | 6 | 2 | 2 | 86.9 | 65.3 | 76.1 | 92 | 51 | | | 4 | 24 | 0 | 0 |
| TOLEDO | 7.52 | 3.05 | 18 | 11 | 5 | 2 | 84.3 | 66.3 | 75.3 | 90 | 58 | | 217.7 | 0 | 7 | 0 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | |
| EBINI | 4.15 | 1.80 | 20 | 11 | 2 | 1 | 87.2 | 70.0 | 78.6 | 90 | 65 | 68.2 | 215.2 | 1 | 21 | 0 | 0 |
| FRIENDSHIP | 6.14 | 2.65 | 20 | 14 | 4 | 1 | 86.8 | 68.6 | 77.7 | 90 | 64 | | 228.9 | | | | |
| GEORGETOWN BG | 2.37 | 1.12 | 21 | 9 | 1 | 1 | 85.6 | 75.6 | 80.5 | 87 | 73 | 71.2 | 246.6 | | | | |
| ITABRU FALLS | 2.52 | .61 | 2 | 10 | 2 | 0 | 89.3 | 71.5 | 80.4 | 94 | 68 | 70.8 | | | | | |
| KAMARANG | 2.24 | .50 | 22 | 12 | 1 | 0 | 83.9 | 65.0 | 74.5 | 90 | 61 | 63.6 | 181.4 | 0 | 13 | 0 | 0 |
| MABARUMA | 3.67 | 1.61 | 22 | 9 | 2 | 2 | 85.6 | 71.2 | 78.4 | 89 | 68 | | | | | | |
| MAHAICONY | 4.04 | 1.38 | 21 | 14 | 3 | 1 | 84.5 | 75.7 | 80.1 | 86 | 70 | | 216.9 | | | | |
| MAZARUNI | 1.43 | .39 | 1 | 7 | 0 | 0 | 86.0 | 72.1 | 79.1 | 89 | 68 | | | | | | |
| MON REPOS | 1.80 | .71 | 21 | 9 | 1 | 0 | 85.6 | 74.3 | 80.0 | 87 | 71 | | | | | | |
| PLANTAIN ISLAND | 1.71 | .49 | 24 | 9 | 1 | 0 | | | | | | | | | | | |
| TIMEHRI APT | 6.79 | 3.06 | 21 | 14 | 4 | 2 | 86.7 | 69.6 | 78.2 | 89 | 66 | | 225.7 | 0 | 5 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JANUARY 1980

| COUNTRY STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 75 | 110 | 5.00 | .25 | 9 | | | |
| PENAL | 48 | 117 | | | | | | |
| ST. AUGUSTINE UWI | 54 | 78 | 4.15 | .18 | 21 | | | |
| TOBAGO | | | | | | | | |
| CROWN POINT APT | 70 | 95 | 5.91 | .27 | 13 | | | |
| LOUIS D'OR | 27 | 44 | 5.57 | .30 | 27 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 99 | 137 | | | | | | |
| BARBADOS | | | | | | | | |
| HUSBANDS OMI | 87 | 133 | 5.79 | .30 | 3 | 17827 | 668 | 338 |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 43 | 94 | 5.00M | .25 | 22 | 11358 | 499 | 209 |
| ST. LUCIA | | | | | | | | |
| ROSEAU | 53 | 83 | | | | | | |
| UNION | 41 | 63 | 5.45M | .35 | 23 | 16659 | 667 | 300 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | 109 | 170 | 5.19 | .24 | 5 | 13096 | 526 | 158 |
| BELIZE | | | | | | | | |
| BELIZE APT | 52 | 99 | 3.76M | .30 | 27 | | | |
| BIG FALLS | 49 | 82 | 3.82M | .41 | 2 | | | |
| CENTRAL FARM | 21 | 51 | | | | | | |
| PONTA CORDA | 18 | 39 | 4.21 | .25 | 19 | | | |
| GUYANA | | | | | | | | |
| EBINI | 84 | 130 | 5.84 | .25 | 29 | 11523 | 447 | 248 |
| FRIENDSHIP | 48 | 80 | 4.98 | .27 | 2 | | | |
| GEORGETOWN BG | 113 | 160 | 5.91 | .31 | 28 | 13280 | 517 | 198 |
| ITABRU FALLS | 18 | 26 | 4.28 | .19 | 2 | | | |
| KAMARANG | 69 | 104 | 5.24 | .27 | 8 | | | |
| MAHAICONY | 162 | 230 | 5.85 | .30 | 16 | | | |
| PLANTAIN ISLAND | | | 4.71 | .28 | 22 | | | |
| TIMEHRI APT | 69 | 97 | 4.92 | .25 | 26 | | | |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS JANUARY 1980

| 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 | .17 | .29 | .29 | .29 | .29 | .43 | .48 | .49 |
| PENAL | .27 | .48 | .49 | .61 | .68 | .69 | .75 | .79 |
| ST. AUGUSTINE UWI | | .11 | .12 | .17 | .17 | .17 | .24 | .26 |
| TOBAGO | | | | | | | | |
| CROWN POINT APT | .13 | .17 | .19 | .28 | .28 | .29 | .44 | .46 |
| LOUIS D'OR | .24 | .34 | .36 | .42 | .50 | .53 | .59 | .95 |
| BARBADOS | | | | | | | | |
| G. ADAMS APT | .05 | .09 | .16 | .22 | .43 | .75 | .96 | .97 |
| HUSBANDS OMI | .09 | .14 | .16 | .16 | .18 | .31 | .47 | .52 |
| ST. LUCIA | | | | | | | | |
| UNION | .20 | .24 | .28 | .48 | .80 | 1.40 | 2.86 | 3.47 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | .16 | .24 | .24 | .28 | .32 | .33 | .42 | .56 |
| GUYANA | | | | | | | | |
| APAIKWA | .19 | .22 | .22 | .31 | .37 | .41 | .62 | .80 |
| FRIENDSHIP | .16 | .32 | .46 | .78 | 1.10 | 2.16 | 2.54 | 2.54 |
| GEORGETOWN BG | .12 | .20 | .26 | .37 | .56 | .70 | 1.04 | 1.07 |
| ITABRU FALLS | .16 | .29 | .42 | .46 | .46 | .47 | .61 | .61 |
| KAMARANG | .04 | .08 | .08 | .12 | .16 | .24 | .44 | .51 |
| MABARUMA | .15 | .26 | .36 | .51 | .56 | .68 | 1.53 | 2.20 |
| ST. FRANCIS MISSION | .12 | .21 | .34 | .52 | .90 | .94 | .98 | 1.15 |
| PLANTAIN ISLAND | .14 | .17 | .26 | .29 | .29 | .29 | .42 | .42 |
| TIMEHRI APT | .28 | .50 | .54 | 1.01 | 1.66 | 2.73 | 2.90 | 3.44 |

TABLE V - SUMMARY OF WINDSPEED RECORDS JANUARY 1980

| COUNTRY STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME (S) | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 07 | 15 | 11 | 9 | 02 | 29 | 1035 | 9 | 0 | 0 | 0 | 5.1 |
| PIARCO APT | 08 | 15 | 12 | 27 | 10 | 29 | 1150 | 29 | 0 | 0 | 0 | 5.2 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT APT | 08 | 14 | 12 | 8 | 11 | 24 | 1400 | 23 | 0 | 0 | 0 | 6.2 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE APT | 08 | 26 | 11 | 12 | 09 | 39 | 1005 | 12 | 4 | 0 | 0 | 11.3 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY | 30 | 15 | 20 | 4 | 31 | 28 | 2000 | 4 | 0 | 0 | 0 | 7.0 |
| GUYANA | | | | | | | | | | | | |
| GEORGETOWN BG | 07 | 20 | 13 | 3 | 08 | 34 | 1220 | 3 | 1 | 0 | 0 | 9.4 |
| TIMEHRI APT | 06 | 11 | 15 | 3 | 06 | 17 | 0940 | 27 | 0 | 0 | 0 | 3.8 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS JANUARY 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 11 | 69 | 74 | 78 | 81 | 82 | 79 | 79 | 74 | 74 | 57 | 15 | 0 | 239.2 | 67 | 10.3 | 17 | 0 | 0 | 6 | 15 | 10 | 0 |
| PENAL | 0 | 17 | 74 | 77 | 88 | 90 | 82 | 76 | 77 | 67 | 72 | 67 | 15 | 0 | 248.5 | 69 | 10.7 | 10 | 0 | 0 | 8 | 7 | 16 | 0 |
| PIARCO APT | 0 | 13 | 73 | 75 | 77 | 79 | 82 | 74 | 77 | 72 | 69 | 59 | 14 | 0 | 236.8 | 66 | 10.7 | 17 | 0 | 0 | 8 | 13 | 10 | 0 |
| ST. AUGUSTINE UWI | 0 | 5 | 62 | 79 | 77 | 79 | 81 | 79 | 71 | 64 | 72 | 35 | 0 | 0 | 218.8 | 61 | 9.7 | 25 | 0 | 1 | 8 | 16 | 6 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT APT | 0 | 12 | 66 | 74 | 78 | 71 | 73 | 75 | 75 | 73 | 68 | 65 | 15 | 0 | 231.0 | 64 | 10.5 | 7 | 0 | 6 | 4 | 6 | 15 | 0 |
| LOUIS D'OR | 0 | 9 | 59 | 72 | 87 | 79 | 80 | 78 | 71 | 68 | 66 | 48 | 0 | 0 | 222.4 | 62 | 9.9 | 24 | 0 | 3 | 6 | 14 | 8 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 15 | 50 | 56 | 67 | 69 | 68 | 65 | 59 | 53 | 43 | 25 | 3 | 0 | 177.7 | 50 | 9.7 | 28 | 0 | 4 | 11 | 13 | 3 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS APT | 0 | 23 | 75 | 85 | 89 | 77 | 93 | 97 | 93 | 90 | 90 | 82 | 25 | 0 | 284.8 | 80 | 11.4 | 29 | 0 | 0 | 1 | 7 | 23 | 0 |
| HUSBANDS CMI | 0 | 24 | 75 | 79 | 91 | 98 | 98 | 95 | 95 | 95 | 93 | 82 | 21 | 0 | 264.5 | 82 | 10.8 | 17 | 0 | 1 | 0 | 6 | 21 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 0 | 51 | 81 | 85 | 88 | 89 | 88 | 89 | 84 | 82 | 70 | 16 | 0 | 255.1 | 72 | 10.1 | 19 | 0 | 2 | 2 | 9 | 18 | 0 |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | | |
| UNION | 0 | 2 | 43 | 66 | 75 | 84 | 91 | 82 | 83 | 86 | 76 | 24 | 0 | 0 | 221.0 | 63 | 9.2 | 29 | 0 | 2 | 3 | 23 | 3 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL APT | 0 | 5 | 53 | 67 | 80 | 81 | 80 | 72 | 74 | 75 | 69 | 50 | 3 | 0 | 219.4 | 63 | 10.1 | 9 | 0 | 3 | 6 | 9 | 9 | 0 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | 0 | 2 | 52 | 80 | 86 | 88 | 89 | 87 | 85 | 85 | 81 | 65 | 6 | 0 | 250.0 | 73 | 10.2 | 26 | 1 | 0 | 6 | 10 | 14 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS JANUARY 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE APT | 0 | 1 | 45 | 59 | 66 | 70 | 75 | 72 | 73 | 71 | 70 | 60 | 9 | 0 | 207.9 | 60 | 10.3 | 22 | 0 | 5 | 4 | 15 | 7 | 0 |
| TOLEDO | 0 | 3 | 37 | 61 | 64 | 70 | 78 | 79 | 78 | 82 | 69 | 70 | 16 | 0 | 217.7 | 63 | 10.4 | 22 | 1 | 3 | 3 | 13 | 8 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNA REGINA | 0 | 14 | 66 | 79 | 85 | 87 | 89 | 85 | 83 | 76 | 77 | 63 | 18 | 0 | 254.5 | 70 | 10.9 | 30 | 0 | 2 | 3 | 13 | 13 | 0 |
| EBINI | 0 | 9 | 44 | 67 | 73 | 75 | 74 | 75 | 73 | 68 | 58 | 56 | 25 | 0 | 215.2 | 59 | 10.6 | 11 | 0 | 4 | 7 | 12 | 8 | 0 |
| FRIENDSHIP | 0 | 8 | 64 | 71 | 68 | 75 | 70 | 71 | 76 | 70 | 70 | 74 | 25 | 0 | 228.9 | 62 | 10.7 | 12 | 0 | 4 | 7 | 5 | 15 | 0 |
| GEORGETOWN BG | 0 | 15 | 64 | 76 | 77 | 85 | 81 | 82 | 82 | 77 | 75 | 67 | 19 | 0 | 246.6 | 67 | 10.7 | 13 | 0 | 2 | 3 | 10 | 16 | 0 |
| KAMARANG | 0 | 1 | 28 | 55 | 52 | 62 | 61 | 71 | 66 | 65 | 67 | 55 | 3 | 0 | 181.4 | 49 | 9.6 | 13 | 0 | 5 | 10 | 14 | 2 | 0 |
| MAHAICONY | 0 | 9 | 50 | 59 | 67 | 74 | 76 | 76 | 73 | 73 | 65 | 60 | 18 | 0 | 216.9 | 59 | 10.6 | 17 | 1 | 2 | 6 | 12 | 7 | 0 |
| NEW AMSTERDAM | 0 | 3 | 53 | 68 | 71 | 78 | 79 | 81 | 78 | 76 | 73 | 64 | 21 | 0 | 231.1 | 63 | 10.7 | 17 | 0 | 4 | 2 | 15 | 10 | 0 |
| TIBOKU SITE | 0 | 3 | 25 | 56 | 61 | 64 | 68 | 64 | 61 | 60 | 49 | 40 | 10 | 0 | 174.0 | 48 | 9.4 | 17 | 0 | 3 | 15 | 7 | 3 | 0 |
| TIMEHRI APT | 0 | 12 | 63 | 71 | 71 | 69 | 72 | 74 | 76 | 69 | 68 | 64 | 19 | 0 | 225.7 | 62 | 10.5 | 29 | 0 | 2 | 4 | 13 | 9 | 0 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 76.5 | 73.0 | 26.2 | 84 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 75.5 | 73.5 | 27.2 | 90 | | | | | | | | | | | | | | | | | |
| PIAROO APT | 41 | 02 | 72.0 | 70.3 | 24.7 | 93 | 1013.2 | 1.2 | 3.1 | 3 | 12 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 18 |
| | | 08 | 75.7 | 72.3 | 25.7 | 85 | 1014.8 | 3.6 | 3.5 | 0 | 12 | 8 | 9 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 14 | 13 |
| | | 14 | 85.1 | 74.1 | 24.1 | 59 | 1013.2 | 11.3 | 5.0 | 0 | 3 | 13 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 11 | 16 |
| PIAROO APT | 41 | 20 | 75.2 | 72.1 | 25.6 | 86 | 1014.0 | 3.9 | 3.0 | 0 | 16 | 8 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 18 |
| ST. AUGUSTINE UWI | 52 | 09 | 80.1 | 73.7 | 25.6 | 73 | | 4.9 | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT APT | | 02 | 75.4 | 72.0 | 25.2 | 84 | 1013.5 | 3.7 | 3.7 | 1 | 10 | 2 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 11 | 11 |
| | | 08 | 78.2 | 73.3 | 25.8 | 78 | 1015.0 | 5.6 | 4.2 | 0 | 10 | 3 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 13 | 9 |
| | | 14 | 84.0 | 75.8 | 26.5 | 66 | 1013.7 | 10.8 | 4.3 | 0 | 9 | 8 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 11 | 13 |
| | | 20 | 76.6 | 72.5 | 25.5 | 87 | 1014.6 | 3.8 | 3.1 | 0 | 13 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 10 | 14 |
| LOUIS D'OR | 40 | 08 | 79.9 | 73.7 | 25.5 | 73 | | 1.1 | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 79.2 | 73.9 | 26.3 | 77 | | | 5.1 | 0 | 0 | 18 | 10 | 1 | 0 | | | | | | | | |
| PEARLS APT | 22 | 08 | 79.1 | 71.5 | 26.6 | 79 | 1014.9 | 9.0 | 3.9 | 0 | 8 | 16 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 | 19 |
| | | 14 | 83.1 | 79.3 | 28.4 | 73 | 1014.2 | 8.4 | 3.8 | 0 | 8 | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 23 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| GIBBONS BOGGS | | 09 | 81.6 | 74.4 | 25.8 | 70 | | | | | | | | | | | | | | | | | |
| HUSBANDS OMI | 370 | 08 | 76.7 | 71.6 | 24.1 | 77 | 1016.0 | 6.8 | 4.1 | 0 | 7 | 14 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 24 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08 | 76.9 | 71.3 | 23.8 | 75 | | | | | | | | | | | | | | | | | |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA APT | 21 | 08 | 78.8 | 73.0 | 25.2 | 75 | 1015.1 | 11.2 | 4.4 | 0 | 5 | 17 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | | 14 | 83.6 | 74.9 | 25.6 | 65 | 1014.1 | 13.1 | 3.4 | 0 | 12 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 |
| ROSEAU, WINBAN | | 09 | 79.8 | 73.3 | 24.9 | 71 | | | | | | | | | | | | | | | | | |
| UNION | | 08 | 78.9 | 72.6 | 24.6 | 73 | | | | | | | | | | | | | | | | | |
| VIGIE APT | | 08 | 77.5 | 72.5 | 24.9 | 77 | 1015.2 | 6.6 | 4.2 | 0 | 7 | 12 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 |
| | | 14 | 83.4 | 74.5 | 25.2 | 64 | 1014.2 | 11.7 | 4.7 | 0 | 6 | 10 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL APT | | 08 | 77.2 | 72.1 | 24.7 | 78 | 1016.6 | 8.4 | 5.4 | 0 | 15 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 16 |
| | | 14 | 81.0 | 73.5 | 24.9 | 69 | 1017.8 | 10.4 | 5.0 | 0 | 4 | 14 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 22 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE APT | 26 | 02 | 75.0 | 71.1 | 24.3 | 82 | 1015.6 | 10.2 | 3.4 | 0 | 14 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | | 08 | 76.6 | 72.0 | 24.8 | 80 | 1016.8 | 10.4 | 4.5 | 0 | 9 | 7 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 |
| | | 14 | 80.8 | 73.9 | 23.3 | 72 | 1015.7 | 12.8 | 3.8 | 0 | 9 | 12 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 |
| | | 20 | 76.3 | 71.8 | 24.5 | 80 | 1016.6 | 10.8 | 3.2 | 2 | 9 | 12 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK APT | | 08 | 76.8 | 71.7 | 24.3 | 78 | 1017.7 | 10.0 | 4.9 | 0 | 2 | 14 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | | 14 | 81.9 | 73.1 | 23.9 | 65 | 1016.3 | 12.4 | 3.7 | 0 | 12 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | | 09 | 77.9 | 72.2 | 24.6 | 75 | | 8.0 | 2.5 | 2 | 17 | 7 | 2 | 1 | 0 | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE APT | 17 | 00 | 71.6 | 70.3 | 24.8 | 93 | 1016.0 | 4.4 | 3.7 | 4 | 9 | 6 | 3 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 27 |
| | | 06 | 69.6 | 68.7 | 23.9 | 96 | 1015.7 | 3.3 | 5.1 | 1 | 7 | 6 | 9 | 3 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 22 |
| | | 12 | 79.7 | 72.7 | 24.5 | 70 | 1016.4 | 8.0 | 5.4 | 0 | 3 | 10 | 12 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 26 |
| | | 18 | 76.3 | 72.2 | 25.3 | 81 | 1014.2 | 5.6 | 4.3 | 1 | 7 | 9 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| EBINI | 94 | 09 | 74.3 | 72.4 | 26.3 | 91 | 1014.3 | 0.7 | 3.5 | 0 | 10 | 11 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | | 15 | 86.1 | 74.1 | 23.4 | 55 | 1012.1 | 8.9 | 5.5 | 0 | 0 | 15 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 8 |
| FRIENDSHIP | | 09 | 75.6 | 73.8 | 27.7 | 92 | | | | | | | | | | | | | | | | | |
| | | 15 | 85.3 | 74.7 | 24.7 | 60 | | | | | | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS. | 7 | 09 | 80.2 | 74.8 | 27.0 | 77 | 1013.9 | 8.0 | 5.1 | 0 | 2 | 12 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 7 |
| | | 15 | 83.4 | 75.9 | 27.2 | 70 | 1012.8 | 9.5 | 4.1 | 0 | 4 | 20 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 11 |
| ITABRU FALLS | | 09 | 73.8 | 72.6 | 26.7 | 94 | | | | | | | | | | | | | | | | | |
| | | 15 | 88.8 | 76.6 | 25.9 | 56 | | | | | | | | | | | | | | | | | |
| KAMARANG | 1625 | 09 | 68.8 | 67.3 | 22.2 | 90 | 1016.6 | 1.2 | 4.9 | 0 | 5 | 11 | 12 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 24 | 3 |
| | | 15 | 82.3 | 70.3 | 20.0 | 53 | 1012.7 | 5.7 | 4.9 | 0 | 2 | 16 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 22 |
| MABARUMA | 168 | 08 | 74.4 | 72.3 | 26.1 | 90 | 1013.4 | 2.7 | 3.7 | 0 | 12 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 12 |
| | | 15 | 85.1 | 74.6 | 24.6 | 60 | 1011.8 | 5.3 | 4.6 | 0 | 2 | 17 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 25 |
| MAHAICONY | 6 | 08 | 79.8 | 73.6 | 26.0 | 75 | | | | | | | | | | | | | | | | | |
| | | 15 | 82.4 | 75.3 | 26.7 | 71 | | | | | | | | | | | | | | | | | |
| MON REPOS | | 09 | 80.1 | 76.1 | 29.0 | 83 | | | | | | | | | | | | | | | | | |
| | | 15 | 83.0 | 78.8 | 31.8 | 83 | | | | | | | | | | | | | | | | | |
| NEW AMSTERDAM | 3 | 09 | 81.3 | 74.9 | 26.8 | 74 | 1013.8 | 5.6 | 3.5 | 0 | 7 | 18 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 5 |
| | | 15 | 84.9 | 75.9 | 26.5 | 65 | 1012.8 | 8.6 | 4.4 | 0 | 2 | 19 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 5 |
| TIMEHRI APT | 100 | 03 | 70.9 | 70.1 | 24.8 | 97 | 1012.3 | 0.4 | 2.0 | 7 | 14 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | | 09 | 75.3 | 72.8 | 26.4 | 89 | 1014.2 | 1.7 | 3.6 | 0 | 15 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19 | 9 |
| | | 15 | 85.5 | 74.2 | 23.9 | 58 | 1012.1 | 8.6 | 5.9 | 0 | 10 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 11 |
| | | 21 | 74.8 | 71.9 | 25.5 | 87 | 1013.0 | 3.3 | 2.8 | 2 | 16 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 10 |

TABLE II SUMMARY OF DAILY OBSERVATIONS FEBRUARY 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR MORE THAN .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 2.24 | .62 | 5 | 9 | 2 | 0 | 84.7 | 67.3 | 76.0 | 87 | 62 | | 238.0 | | | | |
| PENAL | .96 | .26 | 9 | 7 | 0 | 0 | | 64.8 | | | | | 229.3 | | | | |
| ST. AUGUSTINE UWI | 1.70 | .51 | 5 | 6 | 2 | 0 | 87.3 | 68.0 | 77.7 | 91 | 63 | | 215.8 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT APT | 2.02 | .43 | 12 | 13 | 1 | 0 | 86.4 | 73.4 | 79.9 | 88 | 71 | | 227.2 | | | | |
| LOUIS D'OR | 4.16 | 1.09 | 4 | 15 | 3 | 1 | 84.0 | 72.2 | 78.1 | 86 | 67 | | 231.2 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 2.77 | .53 | 4 | 10 | 4 | 0 | 82.5 | 71.5 | 77.0 | 84 | 67 | | 215.7 | | | | |
| PEARLS APT | 1.92 | .41 | 25 | 11 | 1 | 0 | 87.5 | 74.6 | 81.1 | 86 | 70 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| GIBBONS DOGGS | 1.46 | .34 | 4 | 8 | 0 | 0 | 86.7 | 66.9 | 76.8 | 88 | 64 | | 255.6 | | | | |
| HUSBANDS OMI | .96 | .25 | 4 | 8 | 0 | 0 | 85.5 | 69.6 | 77.6 | 91 | 70 | | 254.5 | | | | |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 2.98 | 1.00 | 24 | 17 | 1 | 1 | 85.6 | 71.2 | 78.4 | 88 | 68 | | 251.5 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA APT | 2.23 | .42 | 24 | 10 | 1 | 0 | 84.9 | 73.9 | 79.4 | 87 | 71 | | | | | | |
| ROSEAU, WINBAN | 2.51 | .55 | 1 | 13 | 1 | 0 | 84.7 | 68.8 | 76.8 | 87 | 64 | | 240.6 | | | | |
| UNION | 2.74 | .48 | 22 | 17 | 2 | 0 | 84.1 | 71.8 | 78.0 | 87 | 66 | | 214.7 | | | | |
| VIGIE APT | 2.80 | .80 | 1 | 18 | 2 | 0 | 85.4 | 72.4 | 78.9 | 88 | 69 | | | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL APT | 5.26 | 1.16 | 1 | 15 | 5 | 1 | 83.4 | 71.7 | 77.5 | 85 | 59 | | 208.4 | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS FEBRUARY 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR MORE THAN .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE APT | 1.97 | .56 | 6 | 9 | 2 | 0 | 82.8 | 72.9 | 77.9 | 84 | 86 | | | | | | |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| NATIONAL AGRIC. CORP. | 1.45 | .30 | 2 | 7 | 0 | 0 | 87.1 | 73.2 | 80.2 | 92 | 70 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY | 1.44 | .74 | 29 | 3 | 2 | 0 | 82.6 | 69.1 | 75.9 | 86 | 59 | | 251.7 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE APT | 3.52 | .89 | 26 | 11 | 3 | 0 | 82.8 | 67.8 | 75.3 | 88 | 61 | 66.3 | 191.7 | 0 | 5 | 0 | 0 |
| BIG FALLS RANCH | 4.96 | 1.78 | 26 | 13 | 2 | 2 | 84.0 | 63.0 | 73.5 | 88 | 55 | 62.8 | | 1 | 0 | 0 | 0 |
| CENTRAL FARM | 3.50 | 1.69 | 26 | 8 | 3 | 1 | 84.8 | 64.0 | 74.4 | 90 | 55 | | 163.6 | 0 | 24 | 0 | 0 |
| TOLEDO | 3.58 | 1.28 | 11 | 11 | 3 | 1 | 83.7 | 65.3 | 74.5 | 90 | 56 | | 183.7 | | | | |
| GUYANA | | | | | | | | | | | | | | | | | |
| EBINI | .48 | .26 | 11 | 2 | 0 | 0 | 88.3 | 67.3 | 77.8 | 91 | 60 | 64.7 | 223.3 | 0 | 27 | 0 | 0 |
| FRIENDSHIP | 1.30 | .96 | 11 | 4 | 1 | 0 | 87.1 | 67.2 | 77.2 | 89 | 62 | | 216.5 | | | | |
| GEORGETOWN BOT. GDNS. | .38 | .17 | 25 | 3 | 0 | 0 | 85.6 | 76.0 | 80.8 | 87 | 73 | | 248.1 | | | | |
| ITABRU FALLS | .82 | .27 | 4 | 6 | 0 | 0 | 91.2 | 69.9 | 80.6 | 95 | 66 | 69.3 | | | | | |
| KAMARANG | 1.25 | .40 | 27 | 7 | 1 | 0 | 84.6 | 63.6 | 74.1 | 87 | 57 | 62.3 | 206.5 | 0 | 3 | 0 | 0 |
| MABARUMA | 1.20 | .30 | 4 | 9 | 0 | 0 | 86.7 | 70.3 | 78.5 | 89 | 67 | | | | | | |
| MAHAICONY | .60 | .17 | 4 | 6 | 0 | 0 | 84.1 | 74.8 | 79.5 | 85 | 70 | | | | | | |
| MON REPOS | .85 | .33 | 25 | 4 | 0 | 0 | 85.4 | 73.6 | 79.5 | 87 | 70 | | | | | | |
| NEW AMSTERDAM | .25 | .06 | 8 | 4 | 0 | 0 | 86.9 | 72.0 | 79.5 | 88 | 69 | | 241.0 | | | | |
| TIBOKU SITE | 2.39 | .59 | 11 | 9 | 3 | 0 | | 70.7 | | | 66 | 69.7 | 189.4 | 2 | 1 | 0 | 0 |
| TIMEHRI APT | .56 | .18 | 11 | 4 | 0 | 0 | 87.5 | 68.2 | 77.9 | 89 | 65 | | 219.9 | 0 | 6 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS FEBRUARY 1980

| COUNTRY STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 82 | 123 | 5.97 | .33 | 26 | | | |
| PENAL | 59 | 86 | | | | | | |
| ST. AUGUSTINE UWI | 93 | 149 | 4.49 | .22 | 26 | | | |
| TOBAGO | | | | | | | | |
| CROWN POINT APT | 82 | 128 | 6.60M | .31 | 27 | | | |
| LOUIS D'OR | 26 | 45 | 6.33 | .30 | 16 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 97 | 131 | | | | | | |
| BARBADOS | | | | | | | | |
| GIBBONS BOGGS | 124 | 186 | | | | | | |
| HUSBANDS OMI | 96 | 135 | 6.03 | .38 | 27 | 16173 | 679 | 378 |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 41 | 89 | 5.64 | .38 | 27 | | | |
| ST. LUCIA | | | | | | | | |
| ROSEAU, WINBAN | 45 | 66 | 4.96 | .31 | 13 | | | |
| UNION | 46 | 60 | 5.41 | .35 | 24 | 16491 | 657 | 412 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | 110 | 208 | 5.95 | .28 | 4 | 14115 | 599 | 303 |
| BELIZE | | | | | | | | |
| BELIZE APT | 60 | 153 | | | | 12512 | 648 | 182 |
| BIG FALLS RANCH | 49 | 86 | | | | | | |
| CENTRAL FARM | 17 | 55 | | | | | | |
| TOLEDO | 20 | 31 | 3.67 | .24 | 16 | | | |
| GUYANA | | | | | | | | |
| EBINI | 94 | 120 | 6.67 | .32 | 23 | 11411 | 488 | 305 |
| FRIENDSHIP | 52 | 68 | 5.38M | .28 | 8 | | | |
| GEORGETOWN BG | 121 | 146 | 6.35 | .34 | 22 | | | |
| ITABRU FALLS | 27 | 33 | 4.64 | .21 | 9 | | | |
| KAMARANG | 88 | 129 | 5.99 | .31 | 18 | | | |
| MAHAICONY | 157 | 196 | | | | | | |
| NEW AMSTERDAM | 120 | 172 | 6.43 | .30 | 5 | | | |
| TIBOKU SITE | 9 | 21 | | | | | | |
| TIMEHRI APT | 80 | 97 | 5.73 | .32 | 16 | | | |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS FEBRUARY 1980

| 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 | .26 | .28 | .32 | .42 | .42 | .52 | .57 |
| PENAL | .26 | .26 | .26 | .26 | .26 | .26 | .26 | .26 |
| ST. AUGUSTINE UWI | | .09 | .13 | .23 | .32 | .38 | .56 | .83 |
| TOBAGO | | | | | | | | |
| CROWN POINT APT | .13 | .16 | .17 | .20 | .20 | .23 | .40 | .40 |
| LOUIS D'OR | .28 | .33 | .33 | .44 | .58 | .58 | .79 | .91 |
| BARBADOS | | | | | | | | |
| HUSBANDS OMI | .14 | .17 | .17 | .23 | .23 | .23 | .23 | .25 |
| ST. LUCIA | | | | | | | | |
| UNION | .15 | .16 | .24 | .40 | .40 | .40 | .42 | .42 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | .26 | .46 | .53 | .64 | .72 | .72 | .72 | .72 |
| GUYANA | | | | | | | | |
| APAIKWA | .25 | .26 | .26 | .27 | .27 | .27 | .27 | .35 |
| EBINI | .04 | .07 | .10 | .11 | .11 | .11 | .22 | .28 |
| FRIENDSHIP | .13 | .25 | .28 | .36 | .49 | .52 | .88 | .94 |
| GEORGETOWN BOT. GDNS. | .07 | .08 | .09 | .09 | .09 | .09 | .17 | .17 |
| ITABRU FALLS | .16 | .20 | .25 | .27 | .27 | .27 | .27 | .27 |
| KAMARANG | .05 | .08 | .11 | .15 | .24 | .35 | .39 | .40 |
| MABARUMA | .15 | .23 | .24 | .30 | .30 | .30 | .30 | .30 |
| NEW AMSTERDAM | .03 | .03 | .03 | .04 | .05 | .05 | .05 | .06 |
| TIBOKU SITE | .25 | .33 | .48 | .55 | .56 | .56 | .56 | .59 |
| TIMEHRI APT | .10 | .14 | .15 | .15 | .15 | .15 | .15 | .18 |

TABLE V - SUMMARY OF WINDSPEED RECORDS FEBRUARY 1980

| COUNTRY STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 09 | 15 | 12 | 25 | 05 | 31 | 1320 | 27 | 0 | 0 | 0 | 5.5 |
| PIARCO APT | 06 | 15 | 15 | 13 | 08 | 32 | 1235 | 27 | 0 | 0 | 0 | 5.7 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT APT | 09 | 15 | 11 | 23 | 10 | 24 | 0910 | 26 | 0 | 0 | 0 | 6.8 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE APT | 06 | 19 | 24 | 23 | 08 | 29 | 1140 | 6 | 0 | 0 | 0 | 11.0 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY | 37 | 17 | 20 | 1 | 30 | 31 | 2340 | 18 | 0 | 0 | 0 | 7.6 |
| GUYANA | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS. | 08 | 15 | 12 | 27 | 09 | 26 | 0955 | 27 | 0 | 0 | 0 | 8.4 |
| TIMEHRI APT | 02 | 14 | 14 | 27 | 03 | 24 | 1610 | 18 | 0 | 0 | 0 | 4.5 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS FEBRUARY 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 21 | 75 | 79 | 83 | 86 | 81 | 76 | 82 | 83 | 71 | 63 | 21 | 0 | 238.0 | 70 | 10.6 | 1 | 0 | 1 | 4 | 11 | 13 | 0 |
| PENAL | 0 | 16 | 77 | 78 | 84 | 79 | 80 | 77 | 78 | 75 | 62 | 61 | 24 | 0 | 229.3 | 67 | 10.9 | 27 | 0 | 1 | 5 | 9 | 14 | 0 |
| PIAROO APT | 0 | 30 | 79 | 77 | 76 | 79 | 73 | 74 | 75 | 75 | 74 | 69 | 18 | 0 | 229.9 | 68 | 11.1 | 24 | 0 | 1 | 7 | 8 | 13 | 0 |
| ST. AUGUSTINE UWI | 0 | 19 | 79 | 80 | 84 | 84 | 82 | 70 | 66 | 65 | 64 | 55 | 1 | 0 | 215.8 | 63 | 10.3 | 17 | 0 | 2 | 6 | 12 | 9 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT APT | 0 | 19 | 63 | 61 | 70 | 81 | 84 | 81 | 76 | 83 | 76 | 69 | 20 | 0 | 227.2 | 67 | 11.0 | 10 | 0 | 1 | 8 | 7 | 13 | 0 |
| LOUIS D'OR | 0 | 13 | 57 | 62 | 73 | 89 | 91 | 87 | 86 | 87 | 77 | 68 | 5 | 0 | 231.2 | 68 | 10.5 | 20 | 0 | 0 | 7 | 9 | 13 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 23 | 63 | 77 | 79 | 79 | 76 | 78 | 79 | 73 | 67 | 44 | 5 | 0 | 215.7 | 63 | 10.5 | 9 | 0 | 1 | 7 | 14 | 7 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| GIBBONS BOGGS | 0 | 11 | 70 | 80 | 81 | 89 | 90 | 94 | 93 | 95 | 84 | 78 | 16 | 0 | 255.6 | 75 | 10.6 | 22 | 0 | 0 | 2 | 8 | 16 | 0 |
| HUSBANDS OMI | 0 | 17 | 73 | 77 | 81 | 80 | 81 | 83 | 88 | 92 | 91 | 74 | 34 | 0 | 254.5 | 74 | 10.8 | 22 | 0 | 0 | 4 | 7 | 18 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 1 | 55 | 82 | 86 | 92 | 91 | 86 | 95 | 95 | 84 | 80 | 21 | 0 | 251.5 | 74 | 10.2 | 2 | 0 | 0 | 1 | 17 | 11 | 0 |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | | |
| UNION | 0 | 1 | 39 | 65 | 76 | 82 | 87 | 84 | 82 | 85 | 81 | 57 | 0 | 0 | 214.7 | 63 | 9.7 | 13 | 0 | 0 | 5 | 19 | 5 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELIVILLE HALL APT | 0 | 11 | 56 | 67 | 79 | 81 | 81 | 72 | 70 | 71 | 69 | 52 | 10 | 0 | 208.4 | 62 | 9.9 | 22 | 0 | 2 | 6 | 15 | 6 | 0 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | 0 | 12 | 73 | 85 | 83 | 85 | 85 | 91 | 89 | 88 | 88 | 71 | 18 | 0 | 251.7 | 76 | 10.7 | 20 | 0 | 1 | 3 | 6 | 19 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS FEBRUARY 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE APT | 0 | 5 | 45 | 58 | 59 | 64 | 72 | 70 | 75 | 72 | 69 | 59 | 14 | 0 | 191.7 | 57 | 10.8 | 24 | 1 | 5 | 5 | 9 | 9 | 0 |
| BELMOPAN | 0 | 3 | 22 | 36 | 52 | 66 | 72 | 74 | 67 | 76 | 62 | 58 | 19 | 0 | 175.8 | 52 | 10.6 | 20 | 1 | 4 | 7 | 10 | 4 | 0 |
| CENTRAL FARM | 0 | 0 | 8 | 32 | 60 | 70 | 72 | 65 | 65 | 60 | 60 | 53 | 15 | 0 | 163.6 | 49 | 10.0 | 16 | 2 | 3 | 7 | 13 | 1 | 0 |
| TOLEDO | 0 | 7 | 42 | 57 | 56 | 56 | 62 | 63 | 67 | 66 | 71 | 60 | 27 | 0 | 183.7 | 54 | 10.9 | 9 | 1 | 6 | 4 | 10 | 8 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNA REGINA | 0 | 21 | 72 | 71 | 76 | 76 | 77 | 83 | 79 | 82 | 82 | 71 | 27 | 0 | 237.0 | 69 | 10.9 | 25 | 0 | 2 | 4 | 7 | 16 | 0 |
| EBINI | 0 | 20 | 72 | 79 | 81 | 81 | 73 | 62 | 68 | 66 | 70 | 70 | 26 | 0 | 223.2 | 64 | 10.7 | 16 | 0 | 2 | 6 | 11 | 10 | 0 |
| FRIENDSHIP | 0 | 2 | 53 | 70 | 69 | 71 | 66 | 77 | 79 | 82 | 80 | 81 | 17 | 0 | 216.5 | 62 | 10.5 | 14 | 0 | 3 | 4 | 16 | 6 | 0 |
| GEORGETOWN BOT. GDNS. | 0 | 20 | 69 | 77 | 81 | 82 | 90 | 88 | 85 | 85 | 85 | 71 | 24 | 0 | 248.1 | 72 | 11.2 | 24 | 0 | 1 | 5 | 7 | 16 | 0 |
| KAIETEUR FALL | 0 | 0 | 23 | 50 | 63 | 60 | 53 | 60 | 70 | 65 | 67 | 54 | 17 | 0 | 168.8 | 49 | 8.9 | 19 | 0 | 4 | 9 | 12 | 0 | 0 |
| KAMARANG | 0 | 1 | 33 | 61 | 63 | 66 | 70 | 72 | 77 | 83 | 79 | 72 | 30 | 0 | 206.5 | 60 | 10.3 | 19 | 0 | 3 | 6 | 13 | 7 | 0 |
| NEW AMSTERDAM | 0 | 15 | 74 | 79 | 80 | 81 | 75 | 82 | 82 | 83 | 84 | 73 | 25 | 0 | 241.0 | 70 | 10.6 | 14 | 0 | 1 | 4 | 8 | 16 | 0 |
| TIBOKU SITE | 0 | 0 | 47 | 62 | 62 | 70 | 70 | 73 | 72 | 68 | 63 | 54 | 12 | 0 | 189.4 | 55 | 10.1 | 14 | 0 | 2 | 10 | 12 | 5 | 0 |
| TIMEHRI APT | 0 | 14 | 72 | 81 | 72 | 71 | 67 | 64 | 76 | 77 | 70 | 70 | 28 | 0 | 219.9 | 64 | 11.1 | 24 | 0 | 1 | 8 | 13 | 7 | 0 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 76.8 | 73.8 | 27.2 | 86 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 77.5 | 74.8 | 28.2 | 87 | | | | | | | | | | | | | | | | | |
| PIAROO APT | 41 | 02 | 72.5 | 70.6 | 24.9 | 91 | 1013.5 | 3.3 | 3.8 | 2 | 9 | 11 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 15 |
| | | 08 | 77.2 | 73.3 | 26.2 | 82 | 1015.1 | 6.4 | 4.6 | 0 | 9 | 8 | 13 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 11 | 17 |
| | | 14 | 85.3 | 74.7 | 24.8 | 61 | 1013.3 | 12.0 | 5.9 | 0 | 2 | 7 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 13 | 15 |
| PIAROO APT | 41 | 20 | 75.7 | 72.4 | 25.4 | 84 | 1013.8 | 5.0 | 2.8 | 0 | 17 | 10 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 9 | 20 |
| ST. AUGUSTINE UWI | 52 | 09 | 81.1 | 73.7 | 25.2 | 70 | | 6.4 | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT APT | 9 | 02 | 75.5 | 71.6 | 24.6 | 82 | 1013.9 | 3.0 | 4.1 | 1 | 8 | 5 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 14 |
| | | 08 | 79.6 | 73.4 | 25.3 | 73 | 1015.5 | 7.7 | 5.1 | 0 | 4 | 9 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14 | 10 |
| | | 14 | 85.0 | 75.3 | 25.7 | 63 | 1014.0 | 12.2 | 5.1 | 0 | 4 | 9 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 11 |
| | | 20 | 76.9 | 72.1 | 24.8 | 78 | 1014.3 | 4.3 | 4.2 | 0 | 12 | 9 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 15 |
| LOUIS D'OR | 40 | 08 | 80.3 | 73.7 | 25.5 | 72 | | 1.0 | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | | 08 | 79.2 | 73.4 | 25.5 | 75 | | | 5.5 | 0 | 0 | 14 | 17 | 0 | 0 | | | | | | | | |
| PEARLS APT | 22 | 08 | 79.6 | 74.9 | 27.4 | 79 | 1015.5 | 9.8 | 4.5 | 0 | 5 | 13 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 | 20 |
| | | 14 | 82.5 | 76.6 | 28.6 | 76 | 1014.1 | 10.0 | 4.1 | 0 | 5 | 20 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 22 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| GIBBONS BOGGS | | 08 | 81.3 | 75.0 | 27.3 | 75 | | | | | | | | | | | | | | | | | |
| HUSBANDS OMI | 370 | 08 | 77.1 | 71.5 | 23.9 | 75 | 1016.5 | 7.8 | 4.7 | 0 | 2 | 19 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEM PARK | 30 | 08 | 78.2 | 71.7 | 23.6 | 72 | | | | | | | | | | | | | | | | | |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA APT | 21 | 08 | 79.5 | 72.8 | 24.5 | 71 | 1015.7 | 12.7 | 4.6 | 0 | 7 | 13 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 83.5 | 74.2 | 24.6 | 63 | 1014.3 | 13.4 | 3.9 | 0 | 10 | 12 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| ROSEAU, WINBAN | | 09 | 80.1 | 72.8 | 24.9 | 71 | | | | | | | | | | | | | | | | | |
| VIGIE APT | 7 | 08 | 78.7 | 72.7 | 24.8 | 74 | 1015.8 | 9.8 | 4.2 | 0 | 9 | 10 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 27 |
| | | 14 | 83.3 | 74.0 | 24.6 | 63 | 1014.5 | 12.6 | 4.7 | 0 | 4 | 15 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| UNION | | 08 | 79.5 | 73.1 | 25.1 | 73 | | | | | | | | | | | | | | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL APT | 43 | 08 | 78.3 | 72.6 | 24.9 | 75 | 1017.1 | 11.1 | 5.4 | 0 | 4 | 11 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 8 | 1 |
| | | 14 | 82.5 | 74.4 | 25.4 | 87 | 1015.8 | 10.1 | 4.7 | 0 | 5 | 16 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 20 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE APT | 26 | 02 | 74.9 | 70.2 | 23.0 | 78 | 1016.0 | 10.7 | 2.8 | 1 | 13 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 08 | 77.7 | 71.7 | 23.9 | 74 | 1017.4 | 12.1 | 3.4 | 0 | 9 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 82.2 | 73.4 | 24.2 | 85 | 1016.1 | 13.7 | 4.0 | 0 | 5 | 18 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 20 | 76.8 | 71.4 | 24.0 | 76 | 1016.6 | 10.8 | 2.5 | 3 | 14 | 12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK APT | | 08 | 77.9 | 71.0 | 22.8 | 70 | 1018.2 | 12.2 | 4.0 | 0 | 7 | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 82.9 | 72.6 | 22.8 | 59 | 1016.9 | 13.4 | 3.5 | 0 | 9 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| LA GUERITE | 158 | 09 | 80.2 | 72.3 | 24.1 | 68 | | | | | | | | | | | | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | | 09 | 80.9 | 75.2 | 27.6 | 77 | | 8.5 | 3.0 | 1 | 16 | 10 | 2 | 2 | 0 | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE APT | 17 | 00 | 76.1 | 73.2 | 26.8 | 88 | 1013.1 | 6.3 | 3.4 | 3 | 9 | 9 | 7 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 28 |
| | | 06 | 75.3 | 72.8 | 26.6 | 89 | 1012.7 | 6.3 | 4.1 | 1 | 7 | 13 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 28 |
| | | 12 | 84.0 | 75.7 | 26.9 | 68 | 1013.5 | 11.0 | 4.9 | 0 | 4 | 12 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 18 | 79.3 | 74.4 | 27.1 | 79 | 1011.7 | 7.9 | 3.3 | 2 | 13 | 8 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1¼-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 60 | 08 | 75.8 | 73.8 | 27.6 | 91 | 1014.2 | 1.4 | 5.8 | 0 | 2 | 9 | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 |
| | | 14 | 83.6 | 75.8 | 26.3 | 67 | 1011.8 | 7.9 | 6.5 | 0 | 0 | 4 | 18 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 8 |
| FRIENDSHIP | | 08 | 77.3 | 75.1 | 28.8 | 90 | | | | | | | | | | | | | | | | | |
| | | 14 | 83.3 | 75.6 | 26.8 | 69 | | | | | | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS. | 07 | 08 | 80.2 | 75.1 | 27.5 | 78 | 1014.1 | 9.3 | 5.7 | 0 | 3 | 8 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 5 |
| | | 14 | 82.8 | 76.2 | 27.9 | 73 | 1012.9 | 10.8 | 5.4 | 0 | 3 | 13 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 10 |
| ITABRU FALLS | | 08 | 75.4 | 73.5 | 27.4 | 91 | | | | | | | | | | | | | | | | | |
| | | 14 | 87.1 | 77.2 | 27.5 | 63 | | | | | | | | | | | | | | | | | |
| KAMARANG | | 08 | 70.4 | 68.7 | 23.2 | 91 | 1016.6 | 1.6 | 6.4 | 0 | 1 | 6 | 20 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 2 |
| | | 14 | 81.6 | 71.4 | 21.8 | 59 | 1012.7 | 4.9 | 5.8 | 0 | 0 | 15 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 22 |
| MABARUMA | | 08 | 76.6 | 73.1 | 26.3 | 84 | 1013.6 | 2.7 | 4.2 | 0 | 9 | 9 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 11 | 16 |
| | | 14 | 84.7 | 74.5 | 24.6 | 60 | 1011.7 | 5.8 | 5.4 | 0 | 4 | 10 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 24 |
| MAHAICONY | 6 | 08 | 79.6 | 74.4 | 26.7 | 77 | | 7.5 | 5.4 | 0 | 3 | 10 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 |
| | | 14 | 82.0 | 75.6 | 27.3 | 73 | | 7.4 | 5.5 | 0 | 3 | 7 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 23 |
| MON REPOS | | 08 | 79.6 | 75.7 | 28.6 | 83 | | | | | | | | | | | | | | | | | |
| NEW AMSTERDAM | 3 | 08 | 81.0 | 74.7 | 26.6 | 73 | 1014.1 | 6.7 | 5.5 | 0 | 2 | 10 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 26 | 3 |
| | | 14 | 84.8 | 76.0 | 26.8 | 66 | 1012.6 | 8.0 | 5.5 | 0 | 1 | 11 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 6 |
| TIMEHRI APT | 95 | 02 | 72.4 | 71.4 | 25.8 | 95 | 1012.4 | 1.2 | 4.0 | 4 | 9 | 4 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 1 |
| | | 08 | 76.3 | 73.8 | 27.4 | 89 | 1014.4 | 2.6 | 5.4 | 0 | 6 | 4 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 17 | 12 |
| | | 14 | 83.7 | 74.8 | 25.5 | 65 | 1012.1 | 8.6 | 6.3 | 0 | 1 | 5 | 21 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 16 | 14 |
| | | 20 | 75.6 | 73.0 | 26.6 | 88 | 1012.6 | 3.0 | 4.0 | 1 | 10 | 9 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 14 |

TABLE II SUMMARY OF DAILY OBSERVATIONS MARCH 1990

| COUNTRY STATION | RAINFALL (inches) | | | | | | AIR TEMPERATURE °F | | | | | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR MORE THAN | | | MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | | | | MAX | MIN | | | | | | |
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 1.96 | .29 | 5 | 11 | 0 | 0 | 86.3 | 68.6 | 77.5 | 89 | 62 | | 249.5 | | | | |
| PENAL | .94 | .32 | 5 | 6 | 0 | 0 | | 65.4 | | | 59 | | | | | | |
| PIARCO APT | 1.66 | .29 | 5 | 10 | 0 | 0 | 88.0 | 70.2 | 79.1 | 90 | 64 | | 227.1 | | | | |
| ST. AUGUSTINE UWI | .76 | .15 | 14 | 8 | 0 | 0 | 86.6 | 68.4 | 77.5 | 89 | 64 | | 226.5 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT APT | .90 | .14 | 1 | 10 | 0 | 0 | 87.7 | 73.3 | 80.5 | 90 | 71 | | 259.5 | | | | |
| LOUIS D'OR | 3.30 | .70 | 11 | 16 | 2 | 0 | 83.5 | 72.6 | 78.1 | 85 | 67 | | 242.7 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 2.54 | .61 | 4 | 8 | 1 | 0 | 82.7 | 70.6 | 76.7 | 84 | 68 | | 248.3 | | | | |
| PEARLS APT | 2.06 | .60 | 4 | 11 | 2 | 0 | 84.2 | 74.9 | 79.6 | 86 | 70 | | 281.5 | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| GIBBONS BOGGS | 1.07 | .29 | 16 | 9 | 0 | 0 | 85.9 | 65.0 | 75.5 | 87 | 60 | | 263.3 | | | | |
| HUSBANDS OMI | 1.97 | .31 | 11 | 11 | 0 | 0 | 85.9 | 71.3 | 78.6 | 92 | 66 | | | | | | |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 2.79 | .39 | 13 | 15 | 0 | 0 | 85.1 | 72.2 | 78.7 | 90 | 64 | | 273.1 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA APT | 1.89 | .47 | 5 | 9 | 1 | 0 | 84.8 | 74.2 | 79.5 | 87 | 71 | | | | | | |
| ROSEAU WINBAN | 3.27 | .44 | 3 | 17 | 1 | 0 | 84.7 | 69.8 | 77.3 | 85 | 63 | | 272.8 | | | | |
| VIGIE APT | 2.42 | .37 | 3 | 15 | 0 | 0 | 85.7 | 73.1 | 79.4 | 88 | 70 | | | | | | |
| UNION | 2.38 | .40 | 14 | 15 | 1 | 0 | 84.0 | 72.4 | 78.2 | 86 | 67 | | 234.6 | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL APT | 2.04 | .59 | 12 | 15 | 1 | 0 | 84.0 | 78.1 | 81.1 | 86 | 65 | | 225.7 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE APT | .65 | .29 | 7 | 4 | 0 | 0 | 83.4 | 72.9 | 78.2 | 86 | 66 | | | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS MARCH 1980

| COUNTRY STATION | RAINFALL (inches) | | | | | | AIR TEMPERATURE °F | | | | | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR MORE THAN | | | MEAN MAX | MEAN MIN | MEAN | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | A | B | ½(A+B) | MAX | MIN | | | | | | |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| NATIONAL AGRIC. CORP. | .69 | .16 | 14 | 6 | 0 | 0 | 87.6 | 73.2 | 80.4 | 90 | 70 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY | 1.90 | 1.61 | 5 | 3 | 1 | 1 | 84.9 | 72.6 | 78.7 | 89 | 65 | | 284.2 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE APT | .46 | .38 | 18 | 1 | 0 | 0 | 86.3 | 73.7 | 80.0 | 91 | 58 | 71.4 | 276.9 | | | | |
| BIG FALLS RANCH | .17 | .08 | 9 | 2 | 0 | 0 | 88.1 | 66.7 | 77.4 | 92 | 56 | 65.4 | 258.3 | | | | |
| CENTRAL FARM | .20 | .20 | 1 | 1 | 0 | 0 | 91.7 | 65.7 | 78.7 | 100 | 55 | | | 0 | 31 | 0 | 0 |
| TOLEDO | 1.07 | .44 | 15 | 9 | 1 | 0 | | 67.7 | | | 59 | | 262.9 | | | | |
| GUYANA | | | | | | | | | | | | | | | | | |
| APAIKWA | 7.64 | 1.39 | 9 | 17 | 6 | 4 | | | | | | | | | | | |
| EBINI L.S. | 5.19 | 1.08 | 24 | 13 | 6 | 2 | 87.9 | 70.5 | 79.2 | 92 | 64 | 67.8 | 137.4 | 2 | 19 | 0 | 0 |
| FRIENDSHIP | 2.91 | .59 | 22 | 13 | 2 | 0 | 87.3 | 69.4 | 78.4 | 92 | 62 | | 126.0 | | | | |
| GEORGETOWN BOT. GDNS. | 5.73 | 2.88 | 27 | 12 | 3 | 2 | 85.7 | 75.3 | 80.5 | 86 | 71 | 72.1 | 225.0 | | | | |
| ITABRU FALLS | 5.75 | 2.50 | 23 | 11 | 2 | 2 | 90.1 | 71.3 | 80.7 | 94 | 66 | 70.8 | | | | | |
| KAIETEUR FALLS | 8.36 | 1.75 | 27 | 19 | 9 | 1 | | | | | | | | | | | |
| KAMARANG | 3.34 | 1.10 | 27 | 12 | 2 | 1 | 84.0 | 65.6 | 74.8 | 90 | 61 | 64.4 | 134.5 | | | | |
| MABARUMA | 1.22 | .35 | 23 | 8 | 0 | 0 | 86.4 | 71.3 | 78.9 | 88 | 68 | | | | | | |
| MAHAICONY | 5.63 | 2.15 | 27 | 15 | 5 | 1 | 83.5 | 75.0 | 79.3 | 83 | 73 | | 170.1 | | | | |
| MON REPOS | 5.56 | 2.36 | 27 | 8 | 3 | 2 | 85.4 | 73.2 | 79.3 | 87 | 70 | | 213.9 | | | | |
| NEW AMSTERDAM | 5.52 | 1.64 | 27 | 14 | 4 | 2 | 86.7 | 73.2 | 80.0 | 89 | 68 | | 176.8 | | | | |
| TIBOKU SITE | 4.90 | .93 | 9 | 12 | 5 | 0 | | 71.3 | | | 69 | 69.7 | | | | | |
| TIMEHRI APT | 8.32 | 1.98 | 27 | 16 | 6 | 3 | 86.5 | 69.7 | 78.1 | 90 | 65 | | 162.3 | 1 | 2 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS MARCH 1980

| COUNTRY STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 102 | 126 | 6.84 | .32 | 8 | | | |
| PENAL | 72 | 98 | | | | | | |
| PIARCO APT | 90 | 114 | 7.78 | .40 | 22 | | | |
| ST. AUGUSTINE UWI | 69 | 100 | 5.34 | .24 | 2 | | | |
| TOBAGO | | | | | | | | |
| CROWN POINT APT | 94 | 129 | 8.74 | .39 | 26 | | | |
| LOUIS D'OR | 25 | 41 | 6.81 | .36 | 21 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 114 | 205 | | | | | | |
| BARBADOS | | | | | | | | |
| GIBBONS BOGGS | 167 | 218 | | | | | | |
| HUSBANDS OMI | 105 | 152 | 7.48 | .40 | 24 | 18569 | 711 | 420 |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 64 | 131 | 6.96 | .30 | 15 | 14076 | 557 | 307 |
| ST. LUCIA | | | | | | | | |
| ROSEAU, WINBAN | 62 | 109 | 5.84 | .31 | 14 | 19042 | 715 | 457 |
| UNION | 58 | 87 | 6.99 | .49 | 1 | | | |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | 114 | 211 | 6.93 | .31 | 19 | 16458 | 629 | 289 |
| BELIZE | | | | | | | | |
| BELIZE APT | 94 | 151 | 6.23 | .30 | 11 | | | |
| BIG FALLS RANCH | 95 | 166 | 6.12 | .38 | 14 | | | |
| CENTRAL FARM | 30 | 77 | | | | | | |
| TOLEDO | 26 | 48 | 6.58 | .30 | 22 | | | |
| GUYANA | | | | | | | | |
| EBINI L.S. | 103 | 139 | 6.42 | .34 | 20 | | | |
| FRIENDSHIP | 58 | 82 | 5.15 | .29 | 16 | | | |
| GEORGETOWN BOT. GDNS. | 138 | 205 | 6.87 | .39 | 12 | | | |
| ITABRU FALLS | 26 | 34 | 4.16 | .28 | 20 | | | |
| KAMARANG | 93 | 125 | 5.33 | .33 | 27 | | | |
| MAHAICONY | 184 | 281 | | | | | | |
| NEW AMSTERDAM | 147 | 204 | 6.83 | .37 | 21 | | | |
| TIBOKU SITE | 8 | 18 | | | | | | |
| TIMEHRI APT | 83 | 110 | 5.83 | .32 | 1 | | | |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS MARCH 1980

| 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 | .12 | .12 | .12 | .12 | .12 | .17 | .27 | .27 |
| PENAL | .07 | .80 | .09 | .10 | .12 | .13 | .23 | .29 |
| PIARCO APT | .20 | .20 | .20 | .23 | .23 | .23 | .24 | .25 |
| ST. AUGUSTINE UWI | | .08 | .08 | .08 | .08 | .08 | .15 | .15 |
| TOBAGO | | | | | | | | |
| CROWN POINT APT | .06 | .08 | .08 | .08 | .08 | .08 | .11 | .13 |
| LOUIS D'OR | .16 | .24 | .38 | .38 | .38 | .43 | .57 | .68 |
| BARBADOS | | | | | | | | |
| GIBBONS BOGGS | .12 | .14 | .15 | .15 | .15 | .15 | .20 | .30 |
| HUSBANDS CMI | .14 | .18 | .18 | .19 | .23 | .28 | .31 | .31 |
| ST. LUCIA | | | | | | | | |
| UNION | .17 | .17 | .17 | .17 | .19 | .26 | .35 | .36 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | .18 | .27 | .38 | .47 | .91 | 1.13 | 1.13 | 1.13 |
| GUYANA | | | | | | | | |
| APAIKWA | .23 | .32 | .40 | .60 | .70 | .72 | 1.11 | 1.36 |
| EBINI L.S. | .23 | .37 | .42 | .77 | 1.01 | 1.08 | 1.08 | 1.08 |
| FRIENDSHIP | .15 | .18 | .21 | .32 | .42 | .42 | .51 | .72 |
| GEORGETOWN BOT. GDNS. | .25 | .30 | .45 | .75 | 1.08 | 2.07 | 2.81 | 3.93 |
| ITABRU FALLS | .48 | .63 | .84 | 1.12 | 1.67 | 1.69 | 2.35 | 2.35 |
| KAIETEUR FALLS | .36 | .42 | .47 | .80 | 1.04 | 1.13 | 1.59 | 1.75 |
| KAMARANG | .16 | .30 | .40 | .65 | .74 | .96 | 1.07 | 1.10 |
| MABARUMA | .07 | .12 | .16 | .22 | .25 | .27 | .27 | .31 |
| TIBOKU SITE | .25 | .37 | .51 | .56 | .67 | .79 | .93 | .93 |
| TIMEHRI APT | .28 | .34 | .48 | .80 | 1.14 | 1.33 | 1.44 | 2.35 |

TABLE V - SUMMARY OF WINDSPEED RECORDS MARCH 1980

| COUNTRY STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 07 | 17 | 15 | 4 | 08 | 35 | 1155 | 14 | 1 | 0 | 0 | 6.7 |
| PIARCO APT | 08 | 16 | 13 | 1 | 08 | 30 | 1230 | 5 | 0 | 0 | 0 | 7.3 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT APT | 08 | 16 | 15 | 14 | 10 | 25 | 1350 | 14 | 0 | 0 | 0 | 8.0 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE APT | 08 | 20 | 05 | 8 | 08 | 37 | 0835 | 9 | 1 | 0 | 0 | 12.3 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY G.C. | 12 | 20 | 06 | 3 | 11 | 32 | 0510 | 3 | 0 | 0 | 0 | 8.2 |
| GUYANA | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS. | 07 | 16 | 12 | 6 | 06 | 27 | 2330 | 14 | 0 | 0 | 0 | 9.9 |
| TIMEHRI APT | 05 | 12 | 15 | 10 | 03 | 19 | 1405 | 31 | 0 | 0 | 0 | 4.6 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS MARCH 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 15 | 64 | 76 | 80 | 84 | 89 | 77 | 78 | 78 | 77 | 67 | 19 | 0 | 249.5 | 67 | 10.9 | 3 | 0 | 2 | 5 | 8 | 14 | 0 |
| PIARCO APT | 0 | 20 | 69 | 75 | 75 | 76 | 71 | 67 | 70 | 71 | 72 | 60 | 7 | 0 | 227.1 | 61 | 10.5 | 19 | 0 | 2 | 8 | 9 | 12 | 0 |
| ST. AUGUSTINE UWI | 0 | 22 | 67 | 75 | 77 | 76 | 77 | 69 | 72 | 71 | 68 | 52 | 2 | 0 | 226.5 | 61 | 10.5 | 2 | 0 | 3 | 4 | 15 | 9 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT APT | 0 | 27 | 67 | 79 | 83 | 85 | 83 | 76 | 84 | 84 | 78 | 68 | 23 | 0 | 259.5 | 69 | 11.2 | 21 | 0 | 2 | 3 | 11 | 15 | 0 |
| LOUIS D'OR | 0 | 7 | 60 | 70 | 85 | 85 | 85 | 86 | 83 | 84 | 76 | 60 | 3 | 0 | 242.7 | 65 | 10.3 | 19 | 0 | 1 | 7 | 13 | 10 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 17 | 55 | 82 | 87 | 91 | 87 | 86 | 84 | 75 | 77 | 53 | 7 | 0 | 248.3 | 66 | 10.0 | 17 | 0 | 0 | 3 | 20 | 8 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| GIBBONS BOGGS | 0 | 5 | 61 | 88 | 89 | 93 | 92 | 92 | 89 | 86 | 78 | 64 | 12 | 0 | 263.3 | 71 | 10.4 | 3 | 0 | 0 | 4 | 13 | 14 | 0 |
| HUSBANDS OMI | 0 | 27 | 74 | 85 | 87 | 95 | 89 | 88 | 88 | 88 | 83 | 80 | 24 | 0 | 281.5 | 75 | 11.0 | 24 | 0 | 0 | 3 | 3 | 20 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 3 | 57 | 85 | 94 | 97 | 92 | 94 | 90 | 90 | 83 | 72 | 25 | 0 | 271.3 | 73 | 10.6 | 1 | 0 | 0 | 2 | 12 | 17 | 0 |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | | |
| UNION | 0 | 3 | 42 | 62 | 81 | 84 | 82 | 85 | 79 | 84 | 79 | 72 | 4 | 0 | 234.6 | 63 | 9.6 | 3 | 0 | 1 | 3 | 22 | 5 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL APT | 0 | 16 | 60 | 65 | 66 | 76 | 77 | 77 | 77 | 75 | 70 | 57 | 13 | 0 | 225.7 | 51 | 10.7 | 27 | 0 | 2 | 7 | 12 | 10 | 0 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 0 | 20 | 76 | 86 | 93 | 96 | 94 | 92 | 94 | 88 | 84 | 78 | 23 | 0 | 286.9 | 77 | 10.9 | 27 | 0 | 1 | 2 | 6 | 22 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS MARCH 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 0 | 23 | 78 | 91 | 85 | 90 | 89 | 88 | 90 | 89 | 89 | 78 | 27 | 0 | 284.2 | 76 | 10.8 | 10 | 0 | 1 | 1 | 7 | 22 | 0 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE APT | 0 | 10 | 73 | 84 | 89 | 90 | 93 | 92 | 90 | 88 | 81 | 75 | 26 | 0 | 276.9 | 74 | 10.6 | 12 | 0 | 0 | 3 | 9 | 17 | 0 |
| BIG FALLS | 0 | 7 | 56 | 73 | 84 | 89 | 89 | 90 | 91 | 90 | 81 | 89 | 25 | 0 | 258.3 | 72 | 10.9 | 17 | 0 | 1 | 2 | 11 | 16 | 0 |
| TOLEDO | 0 | 11 | 54 | 76 | 78 | 83 | 87 | 87 | 89 | 90 | 87 | 79 | 27 | 0 | 262.9 | 71 | 10.6 | 21 | 0 | 2 | 1 | 9 | 14 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 0 | 10 | 51 | 57 | 51 | 49 | 45 | 35 | 39 | 35 | 33 | 31 | 8 | 0 | 137.4 | 37 | 9.6 | 4 | 0 | 11 | 11 | 7 | 2 | 0 |
| FRIENDSHIP | 0 | 0 | 29 | 50 | 43 | 39 | 43 | 44 | 41 | 41 | 42 | 29 | 6 | 0 | 126.0 | 34 | 9.5 | 4 | 1 | 16 | 4 | 8 | 1 | 0 |
| GEORGETOWN BOT. GDNS. | 0 | 11 | 50 | 60 | 72 | 80 | 74 | 73 | 73 | 72 | 75 | 67 | 20 | 0 | 225.2 | 60 | 11.0 | 8 | 1 | 3 | 4 | 11 | 12 | 0 |
| KAIETEUR FALLS | 0 | 1 | 14 | 21 | 33 | 24 | 14 | 19 | 28 | 31 | 17 | 21 | 6 | 0 | 71.4 | 19 | 7.1 | 16 | 0 | 20 | 6 | 2 | 0 | 0 |
| KAMARANG | 0 | 1 | 18 | 25 | 32 | 42 | 42 | 45 | 54 | 48 | 53 | 53 | 20 | 0 | 134.5 | 36 | 10.1 | 5 | 1 | 8 | 15 | 5 | 2 | 0 |
| MAHAICONY | 0 | 6 | 41 | 58 | 58 | 52 | 58 | 57 | 61 | 55 | 54 | 41 | 8 | 0 | 170.1 | 45 | 10.5 | 8 | 0 | 8 | 9 | 9 | 5 | 0 |
| MON REPOS | 0 | 10 | 44 | 64 | 75 | 77 | 73 | 65 | 72 | 69 | 69 | 57 | 14 | 0 | 213.9 | 58 | 10.8 | 8 | 1 | 3 | 6 | 14 | 7 | 0 |
| NEW AMSTERDAM | 0 | 6 | 43 | 53 | 59 | 54 | 61 | 62 | 64 | 63 | 49 | 45 | 11 | 0 | 176.9 | 48 | 10.6 | 3 | 0 | 7 | 11 | 7 | 6 | 0 |
| TIMEHRI APT | 0 | 10 | 42 | 52 | 51 | 52 | 49 | 48 | 50 | 58 | 52 | 47 | 13 | 0 | 162.3 | 44 | 10.0 | 4 | 1 | 9 | 7 | 10 | 4 | 0 |

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CARIBBEAN METEOROLOGICAL INSTITUTE
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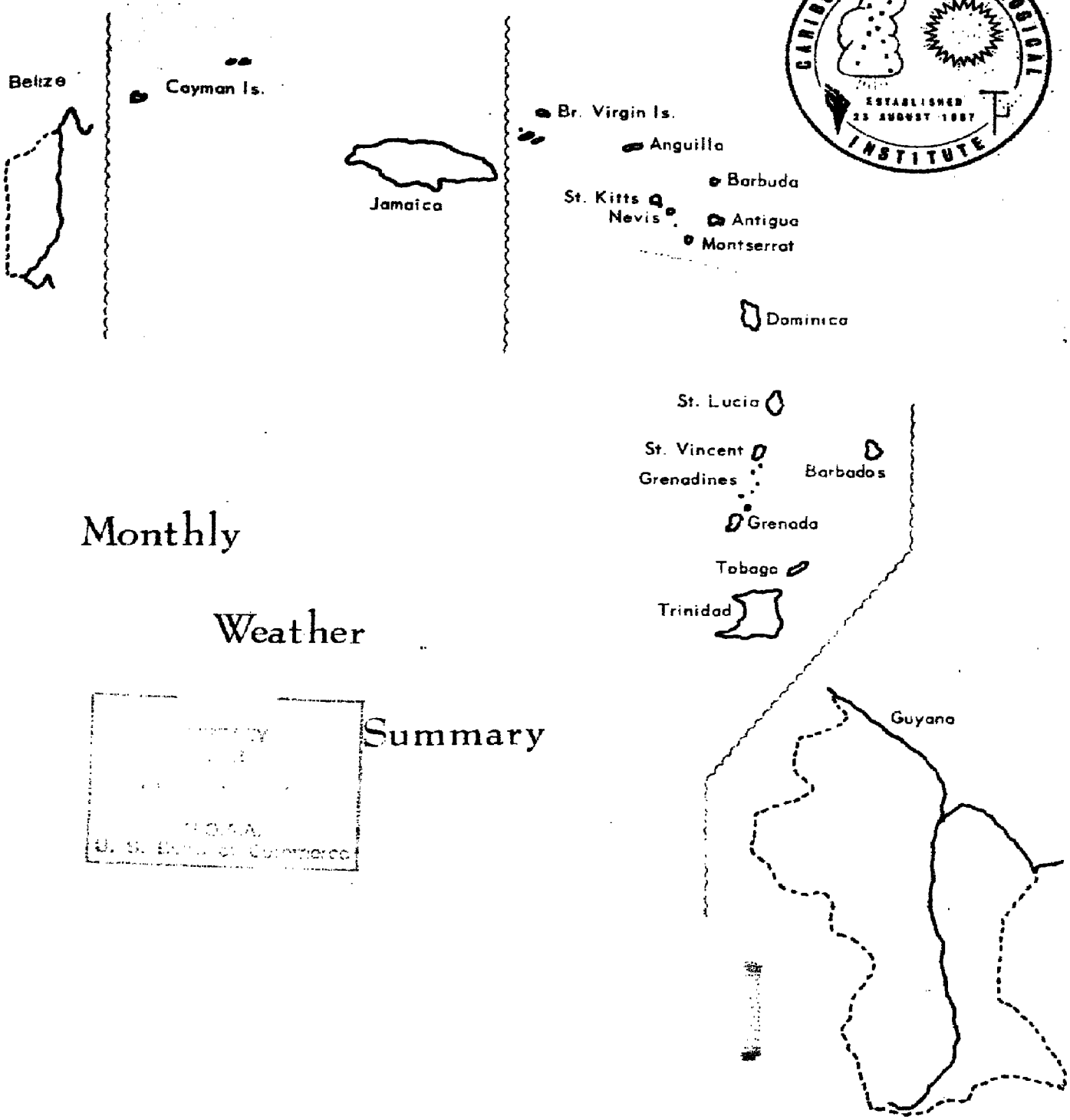


# Monthly Weather Summary

U.S. Dept. of Commerce

# MONTHLY WEATHER SUMMARY

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

April to June
1980

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Table III: Summary of agrometeorological observations

Table IV: Summary of rainfall intensity records

Table V: Summary of wind speed records

Table VI: Summary of sunshine records

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1/4-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 78.8 | 75.7 | 28.9 | 86 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 79.7 | 77.0 | 30.5 | 88 | | | | | | | | | | | | | | | | | |
| PIARCO AIRPORT | 41 | 02 | 74.7 | 73.0 | 27.1 | 92 | 1012.8 | 3.4 | 4.0 | 2 | 7 | 11 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 18 | 10 |
| | | 08 | 79.5 | 75.3 | 28.1 | 82 | 1014.5 | 5.8 | 5.0 | 0 | 5 | 9 | 16 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 24 | 1 |
| | | 14 | 88.0 | 76.3 | 25.9 | 58 | 1012.5 | 11.9 | 5.7 | 0 | 0 | 14 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19 | 9 |
| PIARCO AIRPORT | 41 | 20 | 78.1 | 74.5 | 27.7 | 84 | 1013.0 | 5.4 | 3.8 | 1 | 11 | 7 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 13 |
| ST. AUGUSTINE UWI | 52 | 09 | 82.5 | 75.3 | 26.8 | 71 | | 7.4 | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 20 | 02 | 77.5 | 73.8 | 26.9 | 83 | 1013.1 | 5.5 | 3.9 | 2 | 8 | 9 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 7 |
| | | 08 | 82.6 | 75.7 | 27.4 | 72 | 1014.8 | 9.9 | 5.1 | 0 | 6 | 5 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 25 | 2 |
| | | 14 | 87.3 | 77.4 | 27.7 | 63 | 1013.2 | 12.3 | 4.8 | 0 | 7 | 8 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 22 | 5 |
| | | 20 | 79.3 | 74.7 | 27.4 | 80 | 1013.5 | 5.7 | 4.6 | 0 | 9 | 7 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 22 | 7 |
| LOUIS D'OR | 40 | 08 | 82.5 | 75.3 | 26.7 | 71 | | 1.4 | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 80.9 | 75.3 | 27.4 | 76 | | | 5.9 | 0 | 0 | 10 | 17 | 3 | 0 | | | | | | | | |
| PEARLS AIRPORT | 28 | 08 | 81.2 | 76.2 | 28.6 | 79 | 1014.8 | 9.0 | 4.3 | 0 | 5 | 16 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 17 |
| | | 14 | 84.0 | 77.2 | 28.8 | 72 | 1013.1 | 8.4 | 4.0 | 0 | 8 | 13 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 18 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 183 | 02 | 77.3 | 73.9 | 27.0 | 84 | 1013.9 | 10.2 | 4.1 | 0 | 9 | 13 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | | 08 | 80.2 | 75.0 | 27.2 | 77 | 1016.9 | 11.2 | 4.8 | 0 | 4 | 13 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 14 | 83.9 | 75.8 | 27.0 | 68 | 1013.9 | 11.3 | 4.4 | 0 | 6 | 15 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 20 | 78.4 | 74.1 | 26.9 | 81 | 1014.6 | 9.5 | 3.6 | 0 | 11 | 14 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| HUSBANDS CMI | 370 | 09 | 79.4 | 73.7 | 25.7 | 75 | 1015.9 | 7.8 | 5.0 | 0 | 3 | 13 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08 | 80.7 | 73.6 | 25.1 | 70 | | | | | | | | | | | | | | | | | |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 21 | 08 | 81.4 | 74.9 | 26.6 | 73 | 1014.9 | 12.0 | 4.4 | 0 | 6 | 14 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 14 | 85.1 | 76.3 | 26.9 | 65 | 1013.3 | 12.3 | 4.1 | 0 | 10 | 9 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| ROSEAU WINBAN | | 09 | 83.2 | 74.6 | 25.4 | 66 | | | | | | | | | | | | | | | | | |
| UNION | | 08 | 81.7 | 74.7 | 26.5 | 73 | | | | | | | | | | | | | | | | | |
| VIGIE AIRPORT | 7 | 08 | 81.3 | 75.1 | 26.9 | 74 | 1015.0 | 3.6 | 4.6 | 0 | 8 | 10 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 46 | 08 | 80.1 | 74.6 | 26.9 | 77 | 1013.2 | 9.5 | 5.8 | 0 | 0 | 11 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 12 | 16 |
| | | 14 | 84.0 | 76.4 | 27.7 | 69 | 1011.7 | 9.7 | 5.3 | 0 | 4 | 9 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 23 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 26 | 02 | 77.2 | 73.2 | 22.9 | 83 | 1014.5 | 9.7 | 3.3 | 0 | 12 | 14 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 08 | 80.2 | 74.7 | 27.0 | 77 | 1015.9 | 11.5 | 4.1 | 0 | 4 | 20 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 14 | 84.0 | 75.9 | 24.4 | 68 | 1014.6 | 13.5 | 4.3 | 0 | 6 | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 20 | 78.6 | 74.1 | 23.4 | 80 | 1015.2 | 9.9 | 3.3 | 1 | 14 | 8 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK AIRPORT | 158 | 08 | 79.7 | 73.9 | 26.0 | 75 | 1016.8 | 11.1 | 5.0 | 0 | 1 | 15 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 26 |
| | | 14 | 83.5 | 75.1 | 26.0 | 67 | 1015.5 | 11.8 | 4.3 | 0 | 7 | 13 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | | 09 | 82.1 | 75.3 | 27.0 | 72 | | 7.9 | 2.7 | 1 | 17 | 7 | 4 | 1 | 0 | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 17 | 00 | 76.3 | 74.2 | 28.0 | 90 | 1013.1 | 4.8 | 4.2 | 0 | 8 | 12 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 | 20 |
| | | 06 | 74.2 | 72.4 | 26.6 | 92 | 1012.7 | 5.1 | 5.2 | 0 | 4 | 10 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 12 | 14 |
| | | 12 | 83.9 | 76.3 | 27.6 | 66 | 1013.3 | 11.8 | 5.4 | 0 | 5 | 6 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 11 | 18 |
| | | 18 | 79.6 | 75.2 | 27.9 | 81 | 1011.5 | 7.8 | 4.5 | 0 | 8 | 8 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 19 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| DAWA | | 08 | 78.8 | 75.9 | 29.3 | 87 | | | | | | | | | | | | | | | | | |
| | | 14 | 83.4 | 76.7 | 28.3 | 73 | | | | | | | | | | | | | | | | | |
| FRIENDSHIP | | 08 | 77.9 | 75.5 | 29.1 | 89 | | | | | | | | | | | | | | | | | |
| | | 14 | 84.6 | 76.7 | 28.0 | 69 | | | | | | | | | | | | | | | | | |
| GEORGETOWN BOT. GARDENS | 7 | 08 | 80.3 | 76.3 | 29.2 | 83 | 1013.9 | 8.1 | 6.3 | 0 | 2 | 3 | 22 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 4 |
| | | 14 | 83.1 | 77.6 | 29.8 | 77 | 1012.4 | 9.9 | 5.9 | 0 | 1 | 8 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 6 |
| GREAT FALLS | | 08 | 76.1 | 74.9 | 28.9 | 94 | | | | | | | | | | | | | | | | | |
| | | 14 | 85.8 | 78.6 | 30.4 | 72 | | | | | | | | | | | | | | | | | |
| ITABRU FALLS | | 08 | 77.0 | 75.4 | 29.4 | 93 | | | | | | | | | | | | | | | | | |
| | | 14 | 8[illegible].7 | 79.1 | 30.5 | 70 | | | | | | | | | | | | | | | | | |
| KAMARANG | 1625 | 08 | 71.6 | 70.1 | 24.5 | 93 | 1016.5 | 1.5 | 6.2 | 0 | 1 | 7 | 18 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 5 |
| | | 14 | 81.1 | 72.7 | 23.8 | 66 | 1012.8 | 4.8 | 5.6 | 0 | 2 | 9 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 |
| LETHEM | 326 | 08 | 77.7 | 73.7 | 26.6 | 82 | 1014.9 | 7.2 | 6.6 | 0 | 1 | 5 | 17 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 26 | 2 |
| | | 14 | 85.8 | 75.7 | 26.0 | 62 | 1011.6 | 6.4 | 6.2 | 0 | 1 | 6 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24 | 5 |
| MABARUMA | 168 | 08 | 78.1 | 74.5 | 27.6 | 84 | 1013.2 | 2.9 | 5.6 | 0 | 3 | 8 | 15 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 5 | 12 | 10 |
| | | 14 | 83.8 | 75.5 | 26.5 | 67 | 1010.9 | 5.2 | 6.1 | 0 | 0 | 9 | 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 19 |
| MACKENZIE | | 08 | 77.1 | 74.8 | 28.5 | 90 | 1012.8 | | | | | | | | | | | | | | | | |
| | | 14 | 84.1 | 76.4 | 27.3 | 68 | | | | | | | | | | | | | | | | | |
| MAHAICONY | 6 | 08 | 80.5 | 76.0 | 28.6 | 81 | | 8.9 | 6.1 | 0 | 0 | 8 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24 |
| | | 14 | 82.7 | 76.0 | 28.9 | 76 | | 9.3 | 5.8 | 0 | 1 | 7 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24 |
| MON REPOS | | 08 | 79.6 | 76.2 | 29.4 | 85 | | | | | | | | | | | | | | | | | |
| | | 14 | 81.8 | 77.7 | 30.6 | 83 | | | | | | | | | | | | | | | | | |
| TIMEHRI AIRPORT | 100 | 02 | 74.2 | 73.3 | 27.7 | 96 | 1011.8 | 0.8 | 4.6 | 1 | 7 | 8 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| | | 08 | 78.6 | 75.9 | 29.3 | 88 | 1014.1 | 2.8 | 5.8 | 0 | 5 | 4 | 18 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 24 | 5 |
| | | 14 | 84.5 | 76.8 | 27.9 | 69 | 1011.4 | 7.1 | 6.4 | 0 | 0 | 4 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 19 | 8 |
| | | 20 | 76.8 | 74.6 | 28.3 | 90 | 1012.4 | 2.5 | 5.1 | 1 | 6 | 5 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1 |

TABLE II SUMMARY OF DAILY OBSERVATIONS APRIL 1980

| COUNTRY STATION | RAINFALL (inches) | | | | | | AIR TEMPERATURE °F | | | | | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH OR MORE THAN | | | MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | | | | MAX | MIN | | | | | | |
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 1.80 | 1.11 | 12 | 4 | 2 | 1 | 87.8 | 70.4 | 79.1 | 90 | 64 | | 245.9 | | | | |
| PENAL | .57 | .27 | 15 | 5 | 0 | 0 | | 68.0 | | | 62 | | 235.2 | | | | |
| PIARCO AIRPORT | 2.04 | 1.32 | 12 | 8 | 1 | 1 | 89.5 | 72.5 | 81.0 | 92 | 67 | 70.0 | 233.2 | | | | |
| ST. AUGUSTINE | .38 | .20 | 15 | 2 | 0 | 0 | 88.0 | 71.3 | 79.7 | 90 | 65 | | 234.6 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | .54 | .40 | 16 | 2 | 1 | 0 | 89.4 | 75.7 | 82.6 | 91 | 73 | | 257.0 | | | | |
| LOUIS D'OR | 1.07 | .37 | 7 | 5 | 0 | 0 | 85.4 | 75.7 | 80.6 | 88 | 70 | | 242.4 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 1.43 | .53 | 14 | 7 | 1 | 0 | 85.0 | 72.0 | 78.5 | 87 | 70 | | 223.8 | | | | |
| PEARLS AIRPORT | .88 | .35 | 14 | 4 | 0 | 0 | 85.6 | 77.2 | 81.4 | 87 | 73 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | .29 | .12 | 18 | 2 | 0 | 0 | 84.8 | 76.4 | 80.6 | 86 | 73 | | 287.4 | | | | |
| HUSBANDS CMI | .78 | .33 | 14 | 6 | 0 | 0 | 88.6 | 72.5 | 80.6 | 91 | 70 | | 287.2 | | | | |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 2.73 | 2.25 | 14 | 6 | 1 | 1 | 87.3 | 73.6 | 80.5 | 89 | 70 | | 277.2 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 1.14 | .34 | 13 | 8 | 0 | 0 | 85.9 | 76.4 | 81.2 | 87 | 71 | | | | | | |
| ROSEAU WINBAN | 1.48 | .41 | 13 | 9 | 1 | 0 | 87.3 | 71.8 | 79.6 | 90 | 65 | | 283.1 | | | | |
| UNION | 2.08 | .41 | 13 | 11 | 1 | 0 | 85.9 | 73.5 | 79.7 | 89 | 66 | | 261.0 | | | | |
| VIGIE AIRPORT | 1.40 | .43 | 27 | 7 | 1 | 0 | 88.4 | 75.1 | 81.8 | 90 | 70 | | | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 4.75 | 1.02 | 13 | 16 | 4 | 1 | 85.2 | 73.2 | 79.2 | 89 | 69 | | 241.4 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | .48 | .22 | 8 | 3 | 0 | 0 | 85.6 | 75.1 | 80.4 | 88 | 68 | | | | | | |

| COUNTRY STATION | RAINFALL (inches) | | | | | | AIR TEMPERATURE °F | | | | | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR MORE THAN | | | MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | | | | MAX | MIN | | | | | | |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| NATIONAL AGRIC. CORP. | 5.61 | 2.36 | 23 | 11 | 2 | 2 | 88.8 | 73.8 | 81.3 | 90 | 70 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY | .95 | .49 | 15 | 4 | 1 | 0 | 87.0 | 72.8 | 79.9 | 89 | 61 | | 272.7 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 2.54 | 1.22 | 13 | 4 | 2 | 1 | 86.2 | 73.0 | 79.6 | 92 | 64 | 70.9 | 204.6 | | | | |
| BIG FALLS RANCH | 3.21 | 1.90 | 19 | 3 | 2 | 2 | 88.0 | 68.4 | 78.2 | 94 | 61 | 66.5 | 184.7 | | | | |
| CENTRAL FARM | 1.05 | .29 | 13 | 8 | 0 | 0 | 91.3 | 66.8 | 79.1 | 102 | 60 | | | | | | |
| PUNTA GORDA | 3.88 | 1.30 | 18 | 9 | 4 | 1 | | 69.5 | | | 62 | | | | | | |
| GUYANA | | | | | | | | | | | | | | | | | |
| DAWA | 12.04 | 3.16 | 26 | 19 | 8 | 4 | 85.4 | 72.3 | 78.9 | 88 | 65 | 71.3 | | | | | |
| EBINI | 9.02 | 1.48 | 23 | 18 | 8 | 4 | 87.3 | 72.6 | 80.0 | 93 | 67 | 70.6 | 144.9 | 6 | 13 | 0 | 0 |
| FRINDSHIP | 8.40 | 1.45 | 18 | 19 | 8 | 1 | 87.3 | 70.8 | 79.1 | 92 | 64 | | 124.8 | | | | |
| GEORGETOWN BOT. GDNS | 5.01 | 1.42 | 23 | 18 | 5 | 1 | 85.6 | 76.1 | 80.9 | 87 | 71 | | 172.2 | | | | |
| GREAT FALLS | 10.40 | 1.53 | 19 | 19 | 9 | 2 | 88.0 | 72.5 | 80.3 | 91 | 67 | 70.8 | | | | | |
| ITABRU FALLS | 12.97 | 3.37 | 19 | 18 | 10 | 2 | 89.2 | 73.5 | 81.4 | 93 | 68 | 73.1 | | | | | |
| KAMARANG | 12.67 | 3.43 | 20 | 17 | 11 | 3 | 83.8 | 66.8 | 75.3 | 89 | 61 | | 131.3 | | | | |
| LETHEM | 11.02 | 2.24 | 12 | 13 | 7 | 5 | 89.1 | 71.5 | 80.3 | 94 | 70 | | 160.6 | | | | |
| MABARUMA | 8.93 | 2.71 | 29 | 10 | 7 | 3 | 86.0 | 73.5 | 79.8 | 89 | 70 | | | | | | |
| MAHAICONY | 4.72 | 2.48 | 22 | 19 | 1 | 1 | 84.3 | 75.8 | 80.1 | 86 | 74 | | 135.6 | | | | |
| MON REPOS | 5.45 | 2.21 | 22 | 14 | 4 | 1 | 85.1 | 73.8 | 79.5 | 86 | 72 | | 172.0 | | | | |
| PLANTAIN IS | 12.96 | 2.75 | 23 | 17 | 8 | 6 | | | | | | | | 25 | 6 | 0 | 0 |
| TIBOKU SITE | 14.64 | 1.36 | 23 | 25 | 15 | 5 | | 72.6 | | | 69 | 71.7 | | | | | |
| TIMEHRI AIRPORT | 9.92 | 2.85 | 23 | 20 | 6 | 3 | 86.8 | 71.7 | 79.3 | 89 | 66 | | 127.3 | | | | |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS APRIL 1980

| COUNTRY STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (Langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 93 | 117 | 7.03 | .31 | 7 | | | |
| PENAL | 80 | 109 | | | | | | |
| PIARCO AIRPORT | 84 | 105 | 8.36 | .40 | 9 | | | |
| ST. AUGUSTINE UWI | 78 | 107 | 6.09 | .26 | 27 | | | |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | 110 | 163 | 9.02 | .37 | 20 | | | |
| LOUIS D'OR | 32 | 71 | 6.82 | .34 | 21 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 106 | 160 | | | | | | |
| BARBADOS | | | | | | | | |
| HUSBANDS CMI | 110 | 194 | 7.91 | .40 | 3 | | | |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 56 | 113 | 7.93 | .35 | 9 | 13575 | 537 | 313 |
| ST. LUCIA | | | | | | | | |
| ROSEAU WINBAN | 94 | 130 | 6.02 | .32 | 2 | | | |
| UNION | 54 | 98 | 6.71 | .30 | 10 | | | |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | 90 | 199 | 7.36 | .38 | 25 | 16573 | 659 | 338 |
| BELIZE | | | | | | | | |
| BELIZE AIRPORT | 80 | 134 | 6.63 | .48 | 13 | | | |
| BIG FALLS | 78 | 139 | 6.14 | .39 | 3 | | | |
| CENTRAL FARM | 21 | 50 | | | | | | |
| PUNTA GORDA | 25 | 52 | 5.19 | .33 | 12 | | | |
| GUYANA | | | | | | | | |
| DAWA | 86 | 131 | 4.51 | .31 | 12 | | | |
| EBINI | 84 | 116 | 5.51 | .29 | 2 | | | |
| FRIENDSHIP | 50 | 124 | 4.57M | .28 | 5 | | | |
| GEORGETOWN BOT. GDNS | 122 | 161 | 5.41L | .31 | 5 | | | |
| GREAT FALLS | 1 | 4 | 3.42 | .23 | 3 | | | |
| ITABRU FALLS | 21 | 35 | 3.79 | .20 | 5 | | | |
| KAMARANG | 74 | 108 | 4.41 | .30 | 17 | | | |
| LETHEM | 279 | 407 | 7.53 | .43 | 8 | 13154 | 618 | 103 |
| MAHAICONY | 179 | 237 | | | | | | |
| PLANTAIN ISLAND | | | 3.47 | .29 | 16 | | | |
| TIBOKU SITE | 4 | 6 | | | | | | |
| TIMEHRI AIRPORT | 72 | 104 | 4.89M | .27 | 7 | | | |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS APRIL 1980

| 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 | .18 | .36 | .40 | .55 | .92 | 1.11 | 1.11 | 1.11 |
| PENAL | .07 | .09 | .12 | .14 | .14 | .14 | .14 | .27 |
| PIARCO AIRPORT | .20 | .39 | .39 | .59 | .98 | 1.30 | 1.32 | 1.32 |
| ST. AUGUSTINE UWI | | .11 | .12 | .12 | .13 | .18 | .19 | .19 |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | .12 | .19 | .25 | .25 | .25 | .25 | .25 | .38 |
| LOUIS D'OR | .16 | .16 | .20 | .24 | .31 | .31 | .37 | .37 |
| BARBADOS | | | | | | | | |
| G. ADAMS AIRPORT | .02 | .03 | .03 | .05 | .05 | .05 | .06 | .06 |
| HUSBANDS CMI | .10 | .12 | .12 | .15 | .15 | .16 | .16 | .20 |
| ST. LUCIA | | | | | | | | |
| UNION | .11 | .11 | .15 | .16 | .17 | .19 | .25 | .38 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | .09 | .14 | .18 | .21 | .30 | .34 | .49 | .49 |
| GUYANA | | | | | | | | |
| APAIKWA | .28 | .32 | .36 | .37 | .60 | .71 | .96 | 1.23 |
| DAWA | | .52 | .64 | 1.08 | 1.26 | 1.29 | 1.75 | 2.11 |
| EBINI | | | .55 | .86 | .96 | 1.27 | 1.27 | 1.49 |
| FRIENDSHIP | .28 | .55 | .69 | .73 | .73 | .73 | .87 | 1.18 |
| GREAT FALLS | .29 | .32 | .38 | .58 | .78 | 1.12 | 1.31 | 1.38 |
| KAMARANG | .16 | .28 | .44 | .72 | 1.16 | 1.57 | 1.77 | 3.11 |
| LETHEM | .34 | .60 | .76 | 1.13 | 1.32 | 1.60 | 2.09 | 2.24 |
| MAHAICONY | .21 | .41 | .62 | .92 | 1.53 | 1.74 | 2.48 | 2.66 |
| PLANTAIN IS | .64 | .91 | 1.02 | 1.40 | 1.47 | 1.96 | 2.59 | 3.44 |
| TIBOKU SITE | .44 | .70 | .88 | 1.12 | 1.24 | 1.30 | 1.33 | 1.34 |
| TIMEHRI AIRPORT | .48 | .78 | .82 | 1.00 | 1.52 | 2.26 | 4.63 | 4.66 |

TABLE V - SUMMARY OF WINDSPEED RECORDS APRIL 1980

| COUNTRY STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR (ENDED) | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 08 | 17 | 12 | 30 | 07 | 29 | 1150 | 3 | 0 | 0 | 0 | 5.9 |
| PIARCO AIRPORT | 07 | 14 | 11 | 3 | 08 | 26 | 1435 | 3 | 0 | 0 | 0 | 6.1 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 10 | 16 | 17 | 30 | 12 | 24 | 1505 | 30 | 0 | 0 | 0 | 8.6 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 09 | 20 | 08 | 16 | 09 | 29 | 0015 | 9 | 0 | 0 | 0 | 11.6 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY | 04 | 16 | 15 | 16 | 04 | 29 | 1435 | 16 | 0 | 0 | 0 | 6.3 |
| GUYANA | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS. | 08 | 16 | 08 | 2[illegible] | 08 | 29 | 0725 | 29 | 0 | 0 | 0 | 8.8 |
| TIMEHRI AIRPORT | 07 | 11 | 10 | 1[illegible] | 04 | 21 | 1615 | 30 | 0 | 0 | 0 | 4.1 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS APRIL 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 18 | 65 | 79 | 79 | 81 | 80 | 79 | 82 | 80 | 77 | 70 | 30 | 0 | 245.9 | 66 | 11.2 | 26 | 0 | 4 | 2 | 5 | 18 | 0 |
| PENAL | 0 | 17 | 71 | 71 | 85 | 83 | 82 | 79 | 71 | 69 | 62 | 63 | 29 | 0 | 235.2 | 64 | 10.8 | 19 | 0 | 3 | 2 | 10 | 14 | 0 |
| PIARCO AIRPORT | 0 | 23 | 64 | 74 | 75 | 76 | 76 | 74 | 78 | 79 | 72 | 63 | 23 | 0 | 233.2 | 63 | 11.4 | 27 | 0 | 4 | 3 | 9 | 14 | 0 |
| ST. AUGUSTINE | 0 | 16 | 64 | 74 | 78 | 79 | 83 | 79 | 83 | 77 | 73 | 67 | 11 | 0 | 234.6 | 63 | 11.1 | 26 | 0 | 5 | 1 | 9 | 15 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 0 | 23 | 65 | 79 | 83 | 83 | 84 | 86 | 87 | 88 | 75 | 76 | 30 | 0 | 257.0 | 69 | 11.3 | 23 | 0 | 5 | 1 | 4 | 20 | 0 |
| LOUIS D'OR | 0 | 3 | 63 | 72 | 79 | 86 | 86 | 87 | 89 | 89 | 85 | 64 | 6 | 0 | 242.4 | 65 | 10.0 | 1 | 0 | 2 | 3 | 11 | 14 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 22 | 59 | 71 | 82 | 81 | 85 | 83 | 81 | 73 | 61 | 41 | 7 | 0 | 223.8 | 60 | 10.8 | 9 | 0 | 3 | 5 | 14 | 8 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 0 | 35 | 77 | 88 | 89 | 93 | 93 | 92 | 92 | 94 | 96 | 82 | 28 | 0 | 287.4 | 77 | 11.1 | 28 | 0 | 0 | 2 | 4 | 24 | 0 |
| HUSBANDS CMI | 0 | 40 | 74 | 83 | 91 | 94 | 94 | 91 | 91 | 93 | 83 | 79 | 45 | 0 | 287.2 | 77 | 11.6 | 28 | 0 | 0 | 4 | 4 | 22 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 16 | 74 | 91 | 92 | 91 | 95 | 93 | 92 | 90 | 87 | 78 | 25 | 0 | 277.2 | 74 | 11.3 | 16 | 0 | 1 | 1 | 7 | 21 | 0 |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | | |
| UNION | 0 | 19 | 65 | 76 | 85 | 90 | 93 | 95 | 93 | 83 | 81 | 71 | 21 | 0 | 261.0 | 70 | 10.7 | 6 | 0 | 1 | 2 | 7 | 18 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 0 | 36 | 59 | 69 | 77 | 80 | 78 | 80 | 81 | 79 | 75 | 62 | 29 | 0 | 241.4 | 64 | 11.4 | 25 | 0 | 1 | 6 | 10 | 13 | 0 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 1 | 37 | 77 | 71 | 74 | 77 | 88 | 87 | 89 | 92 | 86 | 78 | 27 | 0 | 265.2 | 71 | 11.2 | 18 | 0 | 1 | 1 | 12 | 16 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS APRIL 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | 0 | 28 | 77 | 84 | 87 | 87 | 89 | 85 | 85 | 86 | 83 | 76 | 42 | 0 | 272.7 | 72 | 11.9 | 25 | 0 | 1 | 4 | 5 | 20 | 0 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 0 | 13 | 48 | 58 | 62 | 64 | 68 | 74 | 75 | 75 | 65 | 62 | 17 | 0 | 204.6 | 54 | 10.6 | 6 | 0 | 5 | 5 | 7 | 9 | 0 |
| BIG FALLS RANCH | 0 | 5 | 39 | 50 | 57 | 66 | 61 | 61 | 63 | 65 | 68 | 58 | 22 | 0 | 184.7 | 49 | 10.1 | 1 | 2 | 6 | 3 | 10 | 9 | 0 |
| TOLEDO | 0 | 5 | 34 | 52 | 59 | 56 | 60 | 69 | 64 | 60 | 53 | 43 | 9 | 0 | 169.4 | 45 | 10.6 | 24 | 1 | 7 | 5 | 9 | 5 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNA REGINA | 0 | 5 | 43 | 53 | 66 | 67 | 59 | 64 | 63 | 56 | 47 | 45 | 7 | 0 | 172.5 | 47 | 10.1 | 3 | 0 | 8 | 9 | 8 | 5 | 0 |
| EBINI | 0 | 4 | 41 | 50 | 56 | 59 | 55 | 60 | 51 | 36 | 40 | 28 | 3 | 0 | 144.9 | 39 | 9.7 | 2 | 1 | 9 | 8 | 10 | 2 | 0 |
| FRIENDSHIP | 0 | 1 | 29 | 50 | 53 | 50 | 37 | 41 | 44 | 43 | 38 | 29 | 2 | 0 | 124.8 | 34 | 9.1 | 2 | 4 | 6 | 11 | 8 | 1 | 0 |
| GEORGETOWN BOT. GDNS | 0 | 4 | 38 | 53 | 59 | 67 | 62 | 63 | 55 | 56 | 56 | 49 | 12 | 0 | 172.2 | 47 | 10.5 | 8 | 2 | 4 | 9 | 10 | 5 | 0 |
| KAMARANG | 0 | 0 | 11 | 29 | 35 | 38 | 39 | 43 | 57 | 60 | 59 | 48 | 17 | 0 | 131.3 | 36 | 9.7 | 3 | 1 | 10 | 12 | 6 | 1 | 0 |
| LETHEM | 0 | 6 | 34 | 40 | 49 | 57 | 60 | 47 | 52 | 66 | 59 | 45 | 19 | 0 | 160.6 | 44 | 10.3 | 9 | 2 | 10 | 2 | 9 | 7 | 0 |
| MACKENZIE | 0 | 5 | 29 | 44 | 45 | 43 | 39 | 44 | 35 | 33 | 38 | 24 | 1 | 0 | 114.1 | 31 | 9.3 | 3 | 0 | 14 | 9 | 6 | 1 | 0 |
| MAHAICONY | 0 | 4 | 30 | 45 | 45 | 51 | 50 | 48 | 54 | 49 | 41 | 32 | 2 | 0 | 135.6 | 37 | 10.0 | 8 | 1 | 8 | 12 | 8 | 1 | 0 |
| MON REPOS | 0 | 3 | 37 | 60 | 57 | 59 | 59 | 63 | 61 | 59 | 58 | 50 | 7 | 0 | 172.0 | 47 | 10.3 | 8 | 0 | 7 | 8 | 9 | 5 | 0 |
| NEW AMSTERDAM | 0 | 4 | 31 | 44 | 52 | 58 | 58 | 54 | 62 | 64 | 55 | 33 | 2 | 0 | 154.8 | 42 | 9.9 | 8 | 1 | 8 | 8 | 9 | 4 | 0 |
| SKELDON FRONT | 0 | 6 | 32 | 41 | 53 | 52 | 48 | 55 | 64 | 65 | 55 | 33 | 5 | 0 | 152.9 | 42 | 10.3 | 9 | 0 | 10 | 7 | 7 | 6 | 0 |
| TIMEHRI AIRPORT | 0 | 6 | 49 | 54 | 47 | 37 | 32 | 42 | 42 | 42 | 42 | 32 | 6 | 0 | 129.3 | 35 | 10.3 | 3 | 1 | 11 | 9 | 6 | 2 | 0 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 80.4 | 77.3 | 30.5 | 86 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 80.9 | 77.6 | 30.9 | 85 | | | | | | | | | | | | | | | | | |
| PIARCO AIRPORT | 41 | 02 | 76.5 | 75.4 | 29.5 | 95 | 1012.9 | 2.5 | 5.3 | 0 | 3 | 13 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 22 | 6 |
| | | 08 | 80.4 | 77.4 | 30.4 | 89 | 1014.5 | 6.9 | 5.5 | 0 | 4 | 7 | 18 | 2 | 0 | 0 | 1 | 1 | 1 | 1 | 4 | 17 | 6 |
| | | 14 | 86.0 | 78.1 | 29.4 | 69 | 1012.7 | 10.7 | 6.4 | 0 | 0 | 9 | 16 | 6 | 0 | 0 | 0 | 1 | 1 | 2 | 4 | 16 | 7 |
| PIARCO AIRPORT | 41 | 20 | 78.3 | 76.5 | 30.2 | 91 | 1013.3 | 4.5 | 5.7 | 0 | 2 | 10 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24 | 6 |
| ST. AUGUSTINE UWI | 52 | 09 | 83.2 | 77.1 | 29.2 | 75 | | 6.6 | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 20 | 02 | 79.9 | 76.1 | 29.1 | 83 | 1013.6 | 6.9 | 3.7 | 0 | 3 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| | | 08 | 82.6 | 77.2 | 29.4 | 77 | 1014.7 | 10.3 | 5.6 | 0 | 4 | 5 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 21 | 0 |
| | | 14 | 86.0 | 78.4 | 29.7 | 70 | 1013.3 | 11.0 | 5.6 | 0 | 1 | 11 | 14 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 23 | 2 |
| | | 20 | 79.9 | 76.1 | 28.9 | 83 | 1013.7 | 6.4 | 5.0 | 0 | 7 | 7 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19 | 6 |
| LOUIS D'OR | 40 | 08 | 83.7 | 77.6 | 29.5 | 75 | | 1.2 | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 81.6 | 76.4 | 28.9 | 79 | | | 6.7 | 0 | 0 | 4 | 18 | 9 | 0 | | | | | | | | |
| PEARLS AIRPORT | 22 | 08 | 82.8 | 78.8 | 31.9 | 83 | 1014.7 | 8.3 | 4.7 | 0 | 6 | 12 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 7 |
| | | 14 | 85.1 | 79.8 | 32.3 | 78 | 1013.4 | 9.2 | 5.5 | 0 | 6 | 15 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 8 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 183 | 02 | 79.4 | 75.4 | 28.5 | 83 | 1014.2 | 12.2 | 3.8 | 0 | 8 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 08 | 82.4 | 76.6 | 28.6 | 76 | 1015.7 | 13.8 | 4.5 | 0 | 5 | 14 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 85.7 | 77.8 | 29.0 | 69 | 1014.1 | 14.1 | 4.4 | 0 | 6 | 14 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 20 | 80.3 | 75.8 | 28.3 | 80 | 1014.9 | 12.7 | 4.7 | 0 | 5 | 13 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| GIBBONS BOGGS | | 09 | 85.8 | 79.1 | 30.9 | 73 | | | | | | | | | | | | | | | | | |
| HUSBANDS CMI | 370 | 08 | 82.3 | 75.6 | 27.2 | 72 | 1015.7 | 9.2 | 5.0 | 0 | 2 | 16 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 25 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 09 | 82.8 | 75.4 | 26.6 | 70 | | | | | | | | | | | | | | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 21 | 08 | 83.5 | 77.3 | 29.1 | 73 | 1014.7 | 12.2 | 6.5 | 0 | 9 | 10 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 14 | 86.6 | 78.5 | 29.7 | 69 | 1013.5 | 12.6 | 4.5 | 0 | 10 | 8 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| ROSEAU, WINBAN | | 09 | 84.1 | 76.5 | 28.2 | 71 | | | | | | | | | | | | | | | | | |
| UNION | | 08 | 83.6 | 76.7 | 28.3 | 72 | | | | | | | | | | | | | | | | | |
| VIGIE AIRPORT | 7 | 08 | 83.2 | 77.1 | 29.0 | 75 | 1014.9 | 8.4 | 5.3 | 0 | 4 | 9 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 87.7 | 77.8 | 28.2 | 63 | 1013.8 | 11.5 | 5.3 | 0 | 5 | 9 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 46 | 08 | 83.2 | 77.3 | 29.5 | 76 | 1013.0 | 10.2 | 5.1 | 0 | 2 | 15 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 25 |
| | | 14 | 86.2 | 78.9 | 30.5 | 71 | 1011.9 | 11.6 | 4.7 | 0 | 3 | 15 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 27 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 26 | 02 | 79.3 | 75.9 | 29.0 | 85 | 1014.5 | 8.5 | 3.6 | 1 | 14 | 6 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 08 | 82.6 | 76.8 | 29.0 | 76 | 1015.7 | 11.5 | 5.5 | 0 | 1 | 12 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 86.7 | 77.7 | 28.5 | 66 | 1014.6 | 13.0 | 4.7 | 0 | 5 | 11 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 20 | 81.1 | 76.7 | 29.2 | 80 | 1015.1 | 10.1 | 3.6 | 0 | 13 | 10 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK AIRPORT | 158 | 08 | 82.2 | 76.8 | 29.2 | 78 | 1016.5 | 9.3 | 5.4 | 0 | 4 | 12 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 14 | 85.5 | 78.0 | 29.3 | 70 | 1015.5 | 11.0 | 4.8 | 0 | 8 | 6 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | | 09 | 85.4 | 78.5 | 30.2 | 73 | | 6.8 | 2.2 | | | | | | | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 17 | 00 | 80.3 | 77.7 | 31.3 | 89 | 1011.1 | 5.4 | 3.5 | 1 | 13 | 9 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 18 |
| | | 06 | 79.1 | 77.1 | 30.9 | 91 | 1010.6 | 3.9 | 5.1 | 0 | 3 | 16 | 9 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 9 | 19 |
| | | 12 | 88.4 | 79.8 | 31.0 | 68 | 1011.0 | 11.5 | 5.2 | 0 | 5 | 9 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 24 |
| | | 18 | 83.9 | 79.0 | 31.7 | 80 | 1009.2 | 9.9 | 4.3 | 0 | 8 | 12 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: ½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| DAWA | | 08 | 79.5 | 77.1 | 30.8 | 90 | | | | | | | | | | | | | | | | | |
| | | 14 | 83.2 | 77.9 | 30.4 | 78 | | | | | | | | | | | | | | | | | |
| FRIENDSHIP | | 08 | 79.0 | 76.8 | 30.5 | 90 | | | | | | | | | | | | | | | | | |
| | | 14 | 83.4 | 78.0 | 30.4 | 78 | | | | | | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS | 7 | 08 | 80.5 | 77.3 | 30.6 | 86 | 1014.0 | 6.2 | 6.5 | 0 | 0 | 6 | 19 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3 |
| | | 14 | 83.5 | 78.3 | 30.8 | 78 | 1012.2 | 9.8 | 6.5 | 0 | 0 | 7 | 19 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 13 |
| GREAT FALLS | | 08 | 76.8 | 75.8 | 29.9 | 95 | | | | | | | | | | | | | | | | | |
| | | 14 | 85.6 | 79.2 | 31.2 | 74 | | | | | | | | | | | | | | | | | |
| ITABRA FALLS | | 08 | 77.4 | 76.3 | 30.5 | 95 | | | | | | | | | | | | | | | | | |
| | | 14 | 86.6 | 79.9 | 31.9 | 74 | | | | | | | | | | | | | | | | | |
| KAMARANG | 1625 | 08 | 72.4 | 71.4 | 25.9 | 95 | 1017.0 | 1.3 | 6.2 | 0 | 0 | 9 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 7 |
| | | 14 | 81.2 | 74.8 | 26.6 | 73 | 1012.9 | 4.9 | 5.5 | 0 | 0 | 14 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 23 |
| LES BEHOLDEN | | 08 | 79.2 | 76.6 | 30.2 | 89 | | | | | | | | | | | | | | | | | |
| | | 14 | 85.1 | 79.1 | 31.1 | 76 | | | | | | | | | | | | | | | | | |
| LETHEM | 326 | 08 | 76.8 | 74.5 | 28.1 | 89 | | | | | | | | | | | | | | | | | |
| MABARUMA | 168 | 08 | 77.6 | 76.0 | 29.9 | 93 | 1013.2 | 2.6 | 5.9 | 0 | 3 | 6 | 20 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 13 | 15 |
| | | 14 | 81.4 | 76.6 | 29.1 | 80 | 1010.9 | 4.0 | 6.5 | 0 | 0 | 7 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 11 | 15 |
| MAHAICONY | 6 | 08 | 80.9 | 77.2 | 30.2 | 84 | | 5.3 | 6.4 | 0 | 0 | 7 | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 23 |
| | | 14 | 83.7 | 77.8 | 29.9 | 76 | | 6.6 | 5.7 | 0 | 3 | 7 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 27 |
| MON REPOS | | 08 | 80.1 | 76.5 | 29.6 | 84 | | | | | | | | | | | | | | | | | |
| | | 14 | 83.0 | 79.0 | 32.0 | 83 | | | | | | | | | | | | | | | | | |
| SKELDON FRONT | | 08 | 79.9 | 77.0 | 30.4 | 87 | | | | | | | | | | | | | | | | | |
| | | 14 | 83.6 | 76.8 | 28.4 | 72 | | | | | | | | | | | | | | | | | |
| TIMEHRI AIRPORT | 100 | 02 | 75.5 | 74.9 | 29.2 | 97 | 1012.1 | 0.3 | 5.8 | 0 | 1 | 9 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2 |
| | | 08 | 78.8 | 76.7 | 30.5 | 91 | 1014.1 | 2.8 | 6.5 | 0 | 0 | 5 | 21 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 20 | 9 |
| | | 14 | 84.2 | 77.7 | 99.6 | 74 | 1011.3 | 7.4 | 6.7 | 0 | 0 | 3 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 15 |
| | | 20 | 77.5 | 75.8 | 29.7 | 92 | 1012.6 | 1.9 | 6.1 | 0 | 1 | 8 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 9 |

TABLE II SUMMARY OF DAILY OBSERVATIONS MAY 1980

| 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 1 OR MORE THAN | | | MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | | | | MAX | MIN | | | | | | |
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 7.32 | 1.89 | 12 | 14 | 4 | 3 | 87.9 | 73.5 | 80.7 | 97 | 69 | | 196.0 | | | | |
| PENAL | 7.38 | 1.48 | 18 | 16 | 8 | 2 | | 70.8 | | | 67 | | 184.9 | | | | |
| PIARCO AIRPORT | 6.29 | 1.56 | 12 | 16 | 4 | 3 | 88.7 | 74.9 | 81.8 | 92 | 71 | 72.2 | 182.2 | | | | |
| ST. AUGUSTINE | 7.66 | 1.46 | 12 | 15 | 7 | 2 | 88.2 | 73.2 | 80.7 | 91 | 69 | | 193.5 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 3.10 | 1.61 | 18 | 11 | 1 | 1 | 89.1 | 76.6 | 82.9 | 93 | 73 | | 218.1 | 3 | 0 | 0 | 0 |
| LOUIS D'OR | 5.69 | 1.94 | 18 | 9 | 3 | 2 | 86.6 | 77.5 | 82.1 | 89 | 73 | | 199.0 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 2.51 | .80 | 24 | 8 | 2 | 0 | 86.1 | 73.6 | 79.9 | 88 | 72 | | 215.3 | | | | |
| PEARLS AIRPORT | | | | | | | 86.7 | 78.6 | 82.7 | 88 | 76 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 0.98 | .35 | 19 | 5 | 0 | 0 | 87.6 | 77.7 | 82.7 | 90 | 73 | | 300.8 | | | | |
| GIBBONS BOGGS | 1.06 | .43 | 24 | 6 | 1 | 0 | 88.5 | 70.9 | 79.7 | 90 | 66 | | 265.9 | | | | |
| HUSBANDS CMI | 1.54 | .77 | 26 | 5 | 2 | 0 | 90.3 | 75.7 | 83.0 | 93 | 72 | | 290.1 | | | | |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 2.25 | .48 | 24 | 12 | 1 | 0 | 88.7 | 77.4 | 83.1 | 91 | 73 | | 273.5 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 2.00 | 1.07 | 26 | 6 | 2 | 1 | 88.2 | 78.0 | 83.1 | 90 | 73 | | | | | | |
| ROSEAU WINBAN | 2.10 | 1.12 | 24 | 10 | 1 | 1 | 89.2 | 75.9 | 82.5 | 90 | 72 | | 291.5 | | | | |
| UNION | 3.47 | 1.30 | 24 | 16 | 1 | 1 | 87.5 | 77.4 | 82.4 | 91 | 73 | | 240.2 | | | | |
| VIGIE AIRPORT | 3.30 | 1.47 | 24 | 12 | 2 | 1 | 89.9 | 77.6 | 83.7 | 92 | 74 | | | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 3.41 | .68 | 22 | 15 | 3 | 0 | 87.8 | 75.8 | 81.8 | 90 | 71 | | 276.9 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 1.63 | .61 | 22 | 8 | 1 | 0 | 88.2 | 76.8 | 82.5 | 91 | 73 | | | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS MAY 1980

| COUNTRY STATION | RAINFALL (inches) | | | | | | AIR TEMPERATURE °F | | | | | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH OR MORE THAN | | | MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | | | | MAX | MIN | | | | | | |
| ST. KITTS | | | | | | | | | | | | | | | | | |
| LA GUERITE | | | | | | | 87.6 | 75.7 | 81.7 | 91 | 72 | | 252.9 | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY | .73 | .55 | 30 | 2 | 1 | 0 | 89.7 | 77.0 | 83.3 | 92 | 70 | | 329.8 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | .41 | .32 | 4 | 2 | 0 | 0 | 90.9 | 77.7 | 84.3 | 94 | 74 | 74.3 | 284.2 | 3 | 0 | 0 | 0 |
| BIG FALLS | .17 | .06 | 22 | 3 | 0 | 0 | 93.9 | 72.1 | 83.0 | 98 | 67 | 71.1 | 275.1 | | | | |
| CENTRAL FARM | 2.59 | 1.09 | 31 | 6 | 2 | 1 | 98.8 | 73.1 | 86.0 | 105 | 68 | | 244.5 | 7 | 27 | 0 | 0 |
| TOLEDO | 5.06 | 3.72 | 2 | 5 | 2 | 1 | 91.5 | 73.2 | 82.4 | 97 | 70 | | 231.5 | 3 | 0 | 0 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | |
| EBINI | 14.62 | 2.93 | 23 | 24 | 11 | 4 | 87.4 | 74.3 | 80.8 | 91 | 72 | 72.8 | 141.3 | 12 | 3 | 0 | 0 |
| FRIENDSHIP | 6.49 | .89 | 17 | 24 | 6 | 0 | 87.1 | 72.9 | 80.0 | 91 | 71 | | 113.7 | | | | |
| GEORGETOWN BOT. GDNS | 9.88 | 1.93 | 13 | 21 | 7 | 3 | 86.4 | 76.4 | 81.4 | 89 | 74 | 74.3 | 163.9 | 3 | 0 | 0 | 0 |
| GREAT FALLS | 19.60 | 3.14 | 14 | 30 | 16 | 6 | 87.9 | 73.7 | 80.8 | 93 | 72 | 71.7 | | 26 | 11 | 0 | 0 |
| ITABRU FALLS | 18.70 | 3.03 | 23 | 24 | 10 | 8 | 88.6 | 74.4 | 81.5 | 92 | 72 | | | | | | |
| KAMARANG | 19.33 | 4.39 | 12 | 27 | 13 | 4 | 83.9 | 68.0 | 76.0 | 87 | 66 | 66.4 | 128.6 | 7 | 0 | 0 | 0 |
| LES BEHOLDEN | 7.48 | 2.12 | 13 | 12 | 7 | 2 | 87.3 | 74.5 | 80.9 | 91 | 71 | | 206.0 | | | | |
| LETHEM | 23.81 | 4.06 | 23 | 21 | 14 | 9 | 89.3 | 71.9 | 80.6 | 96 | 70 | | 169.9 | 3 | 0 | 0 | 0 |
| MABARUMA | 14.95 | 2.23 | 13 | 24 | 12 | 4 | 85.2 | 74.3 | 79.7 | 89 | 72 | | | 15 | 0 | 0 | 0 |
| MACKENZIE | 13.67 | 2.28 | 13 | 24 | 13 | 4 | 89.4 | 75.3 | 82.4 | 96 | 72 | | 109.6 | | | | |
| MAHAICONY | 7.87 | 1.49 | 23 | 21 | 5 | 3 | 85.2 | 76.3 | 80.7 | 87 | 73 | | 135.0 | 5 | 0 | 0 | 0 |
| MON REPOS | 7.54 | 1.74 | 13 | 24 | 4 | 2 | 85.8 | 74.2 | 80.0 | 87 | 73 | | 184.3 | | | | |
| PLANTAIN IS | 15.42 | 2.79 | 3 | 21 | 10 | 4 | | | | | | | | | | | |
| SKELDON FRONT | 8.15 | .91 | 26 | 23 | 8 | 0 | 86.5 | 74.8 | 80.6 | 90 | 73 | | 147.2 | | | | |
| TIBOKU SITE | 18.16 | 2.47 | 19 | 30 | 17 | 5 | | 73.3 | | | 72 | 72.6 | 107.7 | 24 | 0 | 0 | 0 |
| TIMEHRI AIRPORT | 11.20 | 1.41 | 28 | 23 | 12 | 3 | 87.1 | 73.1 | 80.1 | 91 | 71 | 70.9 | 126.4 | | | | |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS MAY 1980

| COUNTRY STATION | RUN OF WIND (in. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| **TRINIDAD** | | | | | | | | |
| CENTENO | 83 | 111 | 5.88M | .27 | 9 | | | |
| PENAL | 75 | 120 | | | | | | |
| PIARCO AIRPORT | 76 | 97 | 5.84 | .36 | 14 | | | |
| ST. AUGUSTINE | 71 | 115 | 4.86 | .24 | 4 | | | |
| **TOBAGO** | | | | | | | | |
| CROWN POINT AIRPORT | 109 | 147 | 7.96 | .35 | 4 | | | |
| LOUIS D'OR | 27 | 66 | 6.24 | .32 | 9 | | | |
| **GRENADA** | | | | | | | | |
| MIRABEAU | 116 | 149 | | | | | | |
| **BARBADOS** | | | | | | | | |
| GIBBONS BOGGS | 183 | 261 | 9.67 | .44 | 10 | | | |
| HUSBANDS CMI | 138 | 192 | 9.03 | .40 | 3 | 18313 | 677 | 324 |
| **ST. VINCENT** | | | | | | | | |
| CAMDEN PARK | 67 | 193 | 8.62 | .49 | 11 | 14138 | 548 | 326 |
| **ST. LUCIA** | | | | | | | | |
| ROSEAU, WINBAN | 47 | 100 | 7.38M | .40 | 22 | | | |
| UNION | | | 7.91M | .35 | 10 | 18953 | 765 | 497 |
| **CAYMAN ISLANDS** | | | | | | | | |
| WEST BAY | 91 | 141 | 8.23 | .32 | 14 | 18356 | 653 | 409 |
| **BELIZE** | | | | | | | | |
| BELIZE AIRPORT | 91 | 146 | 7.72 | .41 | 26 | 15605 | 660 | 311 |
| BIG FALLS | 103 | 178 | 7.61 | .50 | 23 | | | |
| CENTRAL FARM | 46 | 139 | | | | | | |
| TOLEDO | 33 | 48 | 6.08M | .29 | 16 | | | |
| **GUYANA** | | | | | | | | |
| EBINI | 71 | 94 | 5.02 | .26 | 26 | 11507 | 482 | 189 |
| FRIENDSHIP | 41 | 94 | 4.05 | .29 | 27 | | | |
| GEORGETOWN BOT. GDNS. | 95 | 147 | 4.78 | .24 | 10 | 12271 | 537 | 145 |
| GREAT FALLS | 1 | 3 | 3.42 | .34 | 18 | | | |
| ITABRU FALLS | 18 | 32 | 3.66 | .18 | 23 | | | |
| KAMARANG | 66 | 91 | 4.34 | .27 | 31 | | | |
| LES BEHOLDEN | 133 | 200 | | | | | | |
| LETHEM | 193 | 319 | | | | | | |
| MACKENZIE | 58 | 86 | | | | | | |
| MAHAICONY | 164 | 223 | | | | | | |
| PLANTAIN IS. | | | 3.68M | .27 | 4 | | | |
| TIBOKU SITE | 3 | 6 | | | | | | |
| TIMEHRI AIRPORT | 69 | 102 | 4.94 | .28 | 15 | 10548 | 468 | 108 |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS MAY 1980

| 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 | .38 | .58 | .68 | .87 | .96 | 1.15 | 1.34 | 1.66 |
| PENAL | .28 | .4[illegible] | .41 | .50 | .64 | .84 | 1.21 | 1.27 |
| PIARCO AIRPORT | .20 | .30 | .39 | .56 | .68 | .75 | 1.08 | 1.31 |
| ST. AUGUSTINE | | .46 | .55 | 72 | .84 | 1.13 | 1.19 | 1.44 |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | .26 | .32 | .39 | .55 | .60 | 1.00 | 1.10 | 1.18 |
| LOUIS D'OR | .40 | .60 | .80 | .88 | 1.12 | 1.24 | 1.48 | 1.49 |
| BARBADOS | | | | | | | | |
| G. ADAMS AIRPORT | .05 | .10 | .15 | .30 | .35 | .35 | .35 | .35 |
| GIBBONS BOGGS | .14 | .25 | .28 | .35 | .35 | .38 | .38 | .39 |
| HUSBANDS CMI | .15 | .27 | .32 | .56 | .63 | .64 | .65 | .77 |
| ST. LUCIA | | | | | | | | |
| UNION | .20 | .30 | .38 | .57 | .57 | .61 | .65 | .69 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | .20 | .28 | .39 | .45 | .46 | .55 | .55 | .55 |
| GUYANA | | | | | | | | |
| APAIKWA | .64 | .72 | .78 | .84 | .85 | .85 | 1.40 | 1.74 |
| DAWA | .48 | .72 | .88 | 1.28 | 1.49 | 1.89 | 2.23 | 2.66 |
| EBINI | .49 | .89 | 1.29 | 1.93 | 2.49 | 2.59 | 2.74 | 2.86 |
| FRIENDSHIP | .38 | .61 | .68 | .83 | .87 | .87 | .87 | .92 |
| GEORGETOWN BOT. GDNS. | .20 | .39 | .49 | .77 | 1.05 | 1.62 | 1.65 | 1.75 |
| GREAT FALLS | .34 | .42 | .58 | .86 | 1.06 | 1.64 | 2.30 | 2.68 |
| ITABRU FALLS | .58 | .63 | .94 | 1.25 | 1.41 | 1.89 | 2.68 | 2.71 |
| LETHEM | .56 | .98 | 1.16 | 2.16 | 3.20 | 3.46 | 3.80 | 3.97 |
| MABRUMA | .30 | .56 | .60 | 1.23 | 1.63 | 2.18 | 2.23 | 2.71 |
| MAHAICONY | .32 | .60 | .76 | 1.12 | 1.38 | 1.43 | 1.50 | 1.62 |
| OREALLA | .40 | .64 | .80 | 1.00 | 1.00 | 1.37 | 1.77 | 2.17 |
| PLANTAIN IS | .54 | .77 | 1.32 | 1.75 | 2.18 | 2.21 | 2.21 | 2.36 |
| TIBOKU SITE | .34 | .40 | .52 | .75 | .91 | .94 | 1.41 | 2.32 |
| TIMEHRI AIRPORT | .21 | .32 | .44 | .80 | .93 | 1.27 | 1.41 | 1.51 |

TABLE V - SUMMARY OF WINDSPEED RECORDS MAY 1980

| COUNTRY STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 43 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 08 | 15 | 11 | 6 | 08 | 26 | 1030 | 6 | 0 | 0 | 0 | 5.5 |
| PIARCO AIRPORT | 08 | 14 | 12 | 10 | 09 | 28 | 1650 | 12 | 0 | 0 | 0 | 5.2 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 07 | 19 | 09 | 11 | 28 | 12 | 1220 | 12 | 0 | 0 | 0 | 9.1 |
| BARBADOS | | | | | | | | | | | | |
| HUSBANDS CMI | 10 | 16 | 10 | 1 | 10 | 25 | 1015 | 12 | 0 | 0 | 0 | 8.0 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 16 | 23 | 10 | 2 | 10 | 27 | 0810 | 21 | 0 | 0 | 0 | 11.1 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY | 17 | 14 | 13 | 9 | 17 | 26 | 1125 | 9 | 0 | 0 | 0 | 6.1 |
| GUYANA | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS. | 10 | 18 | 13 | 26 | 07 | 45 | 1205 | 28 | 2 | 0 | 0 | 7.6 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS MAY 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 22 | 55 | 63 | 64 | 63 | 66 | 57 | 62 | 55 | 54 | 45 | 25 | 0 | 196.0 | 50 | 11.5 | 16 | 0 | 9 | 4 | 8 | 10 | 0 |
| PENAL | 0 | 27 | 59 | 52 | 61 | 68 | 56 | 51 | 53 | 53 | 52 | 46 | 19 | 0 | 184.9 | 47 | 11.3 | 10 | 3 | 7 | 6 | 4 | 11 | 0 |
| PIARCO AIRPORT | 0 | 31 | 57 | 56 | 60 | 57 | 58 | 53 | 56 | 51 | 50 | 42 | 17 | 0 | 182.2 | 47 | 11.5 | 16 | 1 | 8 | 7 | 5 | 10 | 0 |
| ST. AUGUSTINE | 0 | 21 | 59 | 66 | 65 | 64 | 61 | 56 | 59 | 57 | 60 | 48 | 9 | 0 | 193.5 | 50 | 11.1 | 16 | 1 | 9 | 2 | 8 | 11 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 0 | 27 | 57 | 69 | 64 | 65 | 67 | 67 | 70 | 65 | 62 | 58 | 32 | 0 | 218.1 | 56 | 11.7 | 15 | 2 | 6 | 3 | 7 | 13 | 0 |
| LOUIS D'OR | 0 | 4 | 50 | 55 | 66 | 77 | 74 | 75 | 70 | 59 | 57 | 45 | 9 | 0 | 199.0 | 51 | 10.4 | 31 | 1 | 6 | 4 | 14 | 6 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 14 | 51 | 71 | 79 | 80 | 84 | 79 | 77 | 66 | 55 | 33 | 5 | 0 | 215.3 | 55 | 10.0 | 11 | 0 | 2 | 7 | 15 | 7 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| C. ADAMS AIRPORT | 0 | 20 | 80 | 94 | 93 | 96 | 95 | 92 | 93 | 93 | 91 | 80 | 44 | 0 | 300.8 | 76 | 11.4 | 27 | 0 | 1 | 1 | 4 | 25 | 0 |
| GIBBONS BOGGS | 0 | 15 | 69 | 87 | 85 | 87 | 90 | 85 | 87 | 86 | 78 | 66 | 22 | 0 | 265.9 | 67 | 10.8 | 5 | 0 | 2 | 1 | 9 | 19 | 0 |
| HUSBANDS CMI | 2 | 45 | 75 | 88 | 89 | 87 | 92 | 90 | 84 | 86 | 78 | 66 | 52 | 2 | 290.1 | 74 | 12.2 | 8 | 0 | 2 | 1 | 6 | 21 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 8 | 66 | 81 | 87 | 93 | 91 | 94 | 94 | 91 | 84 | 74 | 21 | 0 | 273.5 | 69 | 11.1 | 37 | 0 | 0 | 2 | 13 | 16 | 0 |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | | |
| UNION | 0 | 10 | 45 | 62 | 64 | 81 | 83 | 78 | 87 | 89 | 77 | 75 | 24 | 0 | 240.2 | 61 | 10.3 | 31 | 0 | 1 | 5 | 14 | 11 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 2 | 45 | 74 | 84 | 86 | 84 | 82 | 84 | 84 | 85 | 77 | 65 | 41 | 0 | 276.9 | 70 | 11.6 | 5 | 0 | 1 | 4 | 5 | 21 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS MAY 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 1 | 40 | 77 | 76 | 74 | 77 | 77 | 79 | 75 | 80 | 73 | 63 | 25 | 01 | 252.9 | 63 | 11.1 | 1 | 1 | 0 | 4 | 3 | 5 | 0 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | 4 | 64 | 92 | 96 | 97 | 99 | 95 | 95 | 90 | 88 | 87 | 85 | 67 | 4 | 329.8 | 82 | 12.2 | 19 | 0 | 0 | 2 | 2 | 24 | 3 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 0 | 27 | 60 | 71 | 86 | 88 | 87 | 86 | 88 | 92 | 95 | 83 | 54 | 1 | 284.2 | 71 | 11.8 | 29 | 0 | 1 | 2 | 10 | 18 | 0 |
| BIG FALLS | 0 | 25 | 54 | 66 | 77 | 85 | 88 | 84 | 91 | 92 | 0 | 84 | 50 | 1 | 275.1 | 69 | 11.6 | 28 | 0 | 0 | 2 | 12 | 17 | 0 |
| CENTRAL FARM | 0 | 3 | 24 | 71 | 75 | 86 | 86 | 86 | 82 | 79 | 79 | 73 | 43 | 2 | 244.5 | 61 | 10.9 | 14 | 0 | 1 | 5 | 17 | 8 | 0 |
| TOLEDO | 0 | 17 | 52 | 29 | 57 | 71 | 80 | 86 | 86 | 85 | 72 | 54 | 26 | 1 | 231.5 | 58 | 10.6 | 28 | 0 | 2 | 4 | 18 | 7 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNA REGINA | 0 | 15 | 36 | 45 | 57 | 64 | 63 | 60 | 58 | 52 | 50 | 45 | 19 | 0 | 175.1 | 45 | 11.0 | 7 | 1 | 7 | 7 | 10 | 6 | 0 |
| EBINI | 0 | 7 | 26 | 40 | 49 | 62 | 60 | 53 | 45 | 44 | 38 | 27 | 6 | 0 | 141.3 | 38 | 8.2 | 20 | 0 | 11 | 9 | 11 | 0 | 0 |
| FRIENDSHIP | 0 | 4 | 22 | 39 | 43 | 49 | 44 | 26 | 34 | 44 | 35 | 21 | 7 | 0 | 113.7 | 30 | 8.4 | 15 | 0 | 14 | 13 | 4 | 0 | 0 |
| GEORGETOWN BOT. GDNS | 0 | 0 | 18 | 47 | 57 | 63 | 62 | 61 | 59 | 60 | 54 | 39 | 9 | 0 | 163.9 | 42 | 9.6 | 27 | 2 | 8 | 8 | 9 | 4 | 0 |
| KAMARANG | 0 | 4 | 9 | 20 | 32 | 40 | 61 | 65 | 57 | 51 | 32 | 29 | 14 | 0 | 128.6 | 33 | 7.8 | 28 | 0 | 7 | 19 | 5 | 0 | 0 |
| LES BEHOLDEN | 0 | 20 | 40 | 46 | 51 | 64 | 77 | 80 | 72 | 72 | 69 | 53 | 20 | 0 | 206.0 | 53 | 10.7 | 27 | 0 | 4 | 4 | 14 | 6 | 0 |
| LETHEM | 0 | 8 | 19 | 24 | 47 | 57 | 58 | 66 | 70 | 71 | 61 | 47 | 19 | 0 | 169.9 | 45 | 10.7 | 27 | 0 | 7 | 9 | 8 | 3 | 0 |
| MACKENZIE | 0 | 2 | 28 | 36 | 45 | 55 | 49 | 38 | 33 | 24 | 23 | 17 | 3 | 0 | 109.6 | 29 | 8.3 | 15 | 1 | 12 | 12 | 4 | 0 | 0 |
| MAHAICONY | 0 | 7 | 25 | 33 | 38 | 42 | 43 | 52 | 53 | 55 | 46 | 33 | 8 | 0 | 135.0 | 35 | 9.4 | 27 | 3 | 6 | 13 | 8 | 1 | 0 |
| MON REPOS | 0 | 14 | 40 | 48 | 59 | 65 | 64 | 65 | 65 | 63 | 58 | 42 | 12 | 0 | 184.3 | 49 | 10.2 | 26 | 0 | 8 | 5 | 14 | 4 | 0 |
| NEW AMSTERDAM | 0 | 7 | 26 | 39 | 49 | 47 | 46 | 55 | 65 | 67 | 61 | 30 | 12 | 0 | 156.0 | 40 | 10.1 | 18 | 0 | 7 | 12 | 10 | 2 | 0 |
| SKELDON FRONT | 0 | 22 | 34 | 54 | 48 | 52 | 42 | 48 | 50 | 40 | 38 | 38 | 10 | 0 | 147.2 | 38 | 10.3 | 15 | 0 | 6 | 16 | 8 | 1 | 0 |
| TIBOKU SITE | 0 | 0 | 20 | 32 | 37 | 51 | 46 | 41 | 54 | 37 | 23 | 6 | 1 | 0 | 107.7 | 28 | 8.2 | 6 | 1 | 13 | 12 | 5 | 0 | 0 |
| TIMEHRI AIRPORT | 0 | 20 | 41 | 42 | 41 | 37 | 41 | 43 | 34 | 38 | 33 | 28 | 9 | 0 | 126.4 | 33 | 10.2 | 27 | 1 | 10 | 10 | 8 | 1 | 0 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 79.9 | 77.1 | 30.6 | 88 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 79.9 | 76.9 | 30.3 | 87 | | | | | | | | | | | | | | | | | |
| PIARCO AIRPORT | 41 | 02 | 76.3 | 75.2 | 29.3 | 95 | 1014.0 | 3.2 | 5.5 | 0 | 6 | 5 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19 | 8 |
| | | 08 | 79.9 | 77.0 | 30.4 | 88 | 1015.3 | 5.8 | 5.8 | 0 | 3 | 8 | 12 | 7 | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 18 | 5 |
| | | 14 | 84.2 | 77.7 | 29.6 | 74 | 1014.1 | 10.2 | 6.3 | 0 | 0 | 10 | 12 | 8 | 0 | 0 | 1 | 0 | 1 | 1 | 4 | 16 | 7 |
| | | 20 | 77.7 | 75.7 | 29.4 | 90 | 1014.4 | 4.9 | 5.8 | 0 | 1 | 11 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 17 | 10 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 20 | 08 | 81.3 | 77.2 | 30.0 | 82 | 1015.7 | 8.2 | 5.7 | 0 | 5 | 6 | 14 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | 10 | 16 | 2 |
| | | 14 | 83.7 | 78.3 | 25.7 | 78 | 1014.4 | 11.0 | 5.8 | 0 | 3 | 7 | 14 | 6 | 0 | 0 | 1 | 0 | 1 | 0 | 5 | 16 | 7 |
| | | 20 | 79.2 | 75.9 | 29.1 | 86 | 1014.8 | 6.7 | 5.3 | 0 | 8 | 4 | 13 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 21 | 5 |
| LOUIS D'OR | 40 | 08 | 82.2 | 77.1 | 29.4 | 78 | | 1.0 | 0.0 | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 80.6 | 76.5 | 29.4 | 83 | | | 7.1 | 0 | 0 | 3 | 13 | 14 | 0 | | | | | | | | |
| PEARLS AIRPORT | 22 | 08 | 82.1 | 78.6 | 31.9 | 85 | 1015.9 | 8.4 | 5.6 | 0 | 3 | 10 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 22 | 4 |
| | | 14 | 84.1 | 79.6 | 32.5 | 81 | 1014.6 | 7.9 | 4.9 | 0 | 7 | 12 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 9 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 183 | 02 | 79.7 | 76.1 | 28.3 | 82 | 1015.2 | 12.3 | 5.5 | 0 | 3 | 12 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 08 | 82.2 | 77.4 | 30.0 | 80 | 1016.6 | 12.7 | 5.7 | 0 | 2 | 11 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 14 | 85.1 | 78.3 | 29.9 | 73 | 1015.4 | 13.6 | 6.0 | 0 | 3 | 10 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 20 | 80.3 | 76.7 | 29.6 | 84 | 1015.9 | 11.0 | 5.7 | 0 | 1 | 9 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| HUSBANDS CMI | 370 | 08 | 81.4 | 76.9 | 29.4 | 80 | 1016.5 | 9.8 | 6.1 | 0 | 0 | 8 | 18 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 11 | 18 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08 | 82.2 | 75.6 | 27.5 | 73 | | | | | | | | | | | | | | | | | |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 21 | 08 | 83.0 | 77.5 | 29.7 | 77 | 1015.8 | 12.8 | 5.4 | 0 | 4 | 8 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25 |
| | | 14 | 85.7 | 78.6 | 30.1 | 72 | 1014.8 | 13.7 | 5.4 | 0 | 3 | 10 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 28 |
| ROSEAU, WINBAN | | 09 | 84.0 | 77.4 | 29.3 | 74 | | | | | | | | | | | | | | | | | |
| UNION | | 08 | 83.0 | 77.2 | 29.3 | 76 | | | | | | | | | | | | | | | | | |
| VIGIE AIRPORT | 7 | 08 | 82.2 | 77.1 | 29.4 | 78 | 1016.0 | 10.7 | 5.8 | 0 | 2 | 7 | 20 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 28 |
| | | 14 | 86.0 | 78.2 | 29.4 | 69 | 1015.0 | 11.8 | 5.7 | 0 | 2 | 11 | 13 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 29 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 46 | 08 | 83.1 | 77.7 | 30.1 | 78 | 1017.2 | 11.2 | 5.7 | 0 | 0 | 11 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 13 | 13 |
| | | 14 | 86.8 | 79.5 | 31.1 | 71 | 1016.3 | 13.5 | 5.3 | 0 | 3 | 13 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 18 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 26 | 02 | 80.6 | 76.5 | 29.2 | 82 | 1016.3 | 12.1 | 3.5 | 0 | 12 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 08 | 83.1 | 77.5 | 25.3 | 77 | 1017.3 | 12.8 | 5.0 | 0 | 1 | 14 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 14 | 87.3 | 78.6 | 29.7 | 67 | 1016.5 | 14.7 | 5.1 | 0 | 1 | 16 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 20 | 81.9 | 77.0 | 29.6 | 80 | 1017.0 | 12.3 | 4.2 | 0 | 5 | 17 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK AIRPORT | 158 | 08 | 83.0 | 77.5 | 29.7 | 77 | 1018.3 | 13.4 | 4.8 | 0 | 4 | 16 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 14 | 86.5 | 78.9 | 30.4 | 70 | 1017.5 | 14.0 | 4.6 | 0 | 3 | 16 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | | 09 | 84.0 | 79.8 | 33.0 | 83 | | 8.0 | 3.9 | 1 | 12 | 8 | 3 | 6 | 0 | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 17 | 00 | 80.4 | 77.5 | 30.9 | 87 | 1013.5 | 6.6 | 5.9 | 0 | 1 | 8 | 15 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 9 | 18 |
| | | 06 | 78.2 | 76.4 | 30.3 | 92 | 1012.9 | 4.1 | 6.6 | 0 | 0 | 5 | 19 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | 17 |
| | | 12 | 85.2 | 78.9 | 31.0 | 75 | 1013.6 | 10.7 | 6.7 | 0 | 0 | 2 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 22 |
| | | 18 | 81.8 | 77.9 | 31.0 | 84 | 1012.1 | 8.6 | 6.4 | 0 | 1 | 4 | 21 | 4 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 8 | 20 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| DAWA | | 08 | 77.9 | 76.2 | 30.1 | 92 | | | | | | | | | | | | | | | | | |
| | | 14 | 83.2 | 78.1 | 30.6 | 79 | | | | | | | | | | | | | | | | | |
| EBINI | 94 | 08 | 77.8 | 75.9 | 29.7 | 91 | 1015.1 | 2.0 | 5.9 | 0 | 1 | 11 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 2 |
| | | 14 | 85.0 | 77.4 | 28.7 | 70 | 1012.3 | 4.0 | 6.4 | 0 | 0 | 3 | 25 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 23 | 6 |
| FRIENDSHIP | | 08 | 78.9 | 76.8 | 30.6 | 91 | | | | | | | | | | | | | | | | | |
| | | 14 | 84.9 | 78.3 | 30.1 | 73 | | | | | | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS | | 08 | 79.4 | 76.6 | 30.1 | 88 | 1014.5 | 4.6 | 6.8 | 0 | 0 | 2 | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 |
| | | 14 | 83.1 | 77.8 | 30.1 | 78 | 1012.9 | 7.1 | 6.3 | 0 | 0 | 5 | 24 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 13 |
| GREAT FALLS | | 08 | 76.5 | 75.6 | 29.9 | 96 | | | | | | | | | | | | | | | | | |
| | | 14 | 86.1 | 80.2 | 32.6 | 77 | | | | | | | | | | | | | | | | | |
| KAMARANG | 1625 | 08 | 72.3 | 71.1 | 25.4 | 94 | 1017.5 | 1.4 | 5.4 | 0 | 0 | 16 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 6 |
| | | 14 | 81.1 | 74.5 | 26.2 | 72 | 1013.9 | 5.1 | 5.5 | 0 | 1 | 12 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25 |
| LETHEM | 326 | 08 | 78.1 | 74.9 | 28.0 | 85 | 1016.1 | 5.7 | 6.0 | 0 | 2 | 7 | 17 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 26 | 3 |
| | | 14 | 85.8 | 77.2 | 28.1 | 67 | 1013.1 | 5.2 | 5.8 | 0 | 0 | 10 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 13 |
| MABARUMA | 168 | 08 | 76.3 | 75.2 | 29.3 | 95 | 1014.0 | 2.2 | 5.8 | 0 | 1 | 10 | 17 | 2 | 0 | 2 | 1 | 0 | 2 | 2 | 2 | 13 | 8 |
| | | 14 | 80.8 | 76.8 | 29.7 | 83 | 1012.1 | 3.8 | 6.5 | 0 | 0 | 6 | 20 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 18 | 11 |
| MAHAICONY | | 08 | 80.2 | 76.9 | 30.0 | 85 | | 3.9 | 5.8 | 0 | 1 | 8 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 25 |
| | | 14 | 83.8 | 78.2 | 30.4 | 77 | | 5.3 | 5.4 | 0 | 4 | 5 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24 |
| MON REPOS | | 08 | 79.1 | 76.4 | 29.9 | 88 | | | | | | | | | | | | | | | | | |
| | | 14 | 81.6 | 78.8 | 32.5 | 88 | | | | | | | | | | | | | | | | | |
| NEW AMSTERDAM | 3 | 08 | 80.1 | 77.2 | 30.6 | 87 | 1014.6 | 2.8 | 6.0 | 0 | 0 | 11 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 6 |
| SKELDON FRONT | | 08 | 79.9 | 76.9 | 30.3 | 87 | | | | | | | | | | | | | | | | | |
| | | 14 | 82.8 | 76.0 | 27.6 | 72 | | | | | | | | | | | | | | | | | |
| TIMEHRI | 100 | 02 | 74.8 | 74.3 | 28.7 | 97 | 1013.2 | 0.8 | 5.1 | 0 | 1 | 14 | 11 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 4 | 23 | 0 |
| | | 08 | 78.4 | 76.3 | 30.1 | 91 | 1014.8 | 3.0 | 5.9 | 0 | 1 | 9 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 13 |
| | | 14 | 83.8 | 77.6 | 29.5 | 75 | 1012.4 | 6.8 | 6.2 | 0 | 0 | 6 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 |
| | | 20 | 77.0 | 75.7 | 29.7 | 94 | 1013.8 | 2.5 | 5.7 | 0 | 3 | 8 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 |

TABLE II SUMMARY OF DAILY OBSERVATIONS JUNE 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR MORE THAN .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 10.47 | 1.62 | 18 | 22 | 9 | 4 | 86.1 | 73.6 | 79.8 | 88 | 70 | | 173.4 | | | | |
| PENAL | 10.49 | 1.34 | 1 | 20 | 12 | 4 | 89.4 | 68.7 | 79.0 | 95 | 66 | | 163.4 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 6.39 | .95 | 18 | 20 | 7 | 0 | 86.0 | 75.3 | 80.6 | 90 | 70 | | 193.6 | 1 | 0 | 0 | 0 |
| LOUIS D'OR | 12.45 | 2.84 | 14 | 21 | 9 | 5 | 84.6 | 75.8 | 80.2 | 86 | 71 | | 173.6 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 7.71 | 1.76 | 18 | 16 | 7 | 2 | 84.4 | 73.9 | 79.2 | 86 | 72 | | 169.6 | | | | |
| PEARLS AIRPORT | 5.65 | 1.03 | 18 | 18 | 4 | 1 | 85.8 | 77.8 | 81.8 | 88 | 75 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 3.57 | 1.20 | 14 | 13 | 3 | 1 | 87.1 | 77.8 | 82.5 | 88 | 73 | | 257.9 | | | | |
| HUSBANDS CMI | 3.54 | .68 | 22 | 15 | 3 | 0 | 88.8 | 76.1 | 82.5 | 91 | 73 | | 226.6 | | | | |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 8.26 | 1.73 | 15 | 19 | 6 | 2 | 87.5 | 77.3 | 82.4 | 90 | 73 | | 198.5 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 2.45 | .43 | 15 | 12 | 1 | 0 | 87.4 | 78.2 | 82.8 | 89 | 74 | | | | | | |
| ROSEAU WINBAN | 6.25 | 1.07 | 14 | 18 | 5 | 1 | 88.0 | 76.3 | 82.1 | 91 | 73 | | 228.5 | | | | |
| UNION | 6.36 | 1.15 | 17 | 18 | 5 | 1 | 86.6 | 77.6 | 82.1 | 88 | 66 | | 184.2 | | | | |
| VIGIE AIRPORT | 6.50 | .86 | 17 | 20 | 6 | 0 | 87.7 | 77.6 | 82.7 | 90 | 74 | | | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 7.31 | 2.54 | 15 | 16 | 6 | 2 | 87.3 | 77.5 | 82.4 | 90 | 73 | | 235.8 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 2.74 | .54 | 11 | 12 | 2 | 0 | 88.3 | 78.3 | 83.3 | 90 | 75 | | | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS JUNE 1980

| 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 1 OR MORE THAN | | | MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | | | | MAX | MIN | | | | | | |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| LA GUERITE | | | | | | | 88.8 | 77.2 | 83.0 | 91 | 74 | | 224.0 | | | | |
| NATIONAL AGRIC. CORP. | 2.11 | .54 | 26 | 12 | 1 | 0 | 90.9 | 78.1 | 84.5 | 92 | 73 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY | 15.65 | 8.30 | 1 | 10 | 4 | 3 | 88.1 | 78.6 | 83.3 | 91 | 73 | | 235.7 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 11.19 | 2.14 | 14 | 24 | 11 | 3 | 87.8 | 76.0 | 81.9 | 92 | 71 | 75.6 | 170.5 | | | | |
| BIG FALLS | 19.22 | 3.84 | 15 | 23 | 11 | 7 | 89.0 | 72.5 | 80.8 | 94 | 69 | 72.0 | 142.3 | | | | |
| CENTRAL FARM | 16.90 | 3.63 | 14 | 26 | 12 | 5 | 89.1 | 72.3 | 80.7 | 94 | 68 | | 132.8 | 6 | 6 | 0 | 0 |
| TOLEDO | 42.39 | 8.01 | 15 | 23 | 17 | 11 | 88.7 | 72.5 | 80.6 | 93 | 68 | | 157.0 | 9 | 0 | 0 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | |
| DAWA | 15.22 | 1.96 | 17 | 26 | 14 | 3 | 85.4 | 73.6 | 79.5 | 88 | 71 | 72.7 | | | | | |
| EBINI | 15.35 | 1.92 | 17 | 26 | 10 | 5 | 88.3 | 73.5 | 80.9 | 91 | 71 | 71.8 | 178.6 | 19 | 13 | 0 | 0 |
| FRIENDSHIP | 10.35 | 1.61 | 27 | 21 | 9 | 3 | 88.0 | 71.7 | 79.9 | 91 | 68 | | 169.0 | | | | |
| GEORGETOWN BOT. GDNS. | 11.71 | 2.84 | 19 | 25 | 9 | 4 | 85.9 | 75.5 | 80.7 | 89 | 71 | 73.2 | 149.1 | 9 | 0 | 0 | 0 |
| GREAT FALLS | 23.90 | 9.52 | 1 | 24 | 15 | 4 | 88.0 | 73.1 | 80.6 | 91 | 70 | 71.8 | | 24 | 18 | 0 | 0 |
| ITABRU FALLS | 14.81 | 1.92 | 20 | 25 | 12 | 6 | 88.7 | 74.2 | 81.4 | 91 | 70 | 73.0 | | | | | |
| KAMARANG | 17.38 | 3.31 | 18 | 23 | 13 | 6 | 84.3 | 67.5 | 75.9 | 88 | 65 | 65.9 | 150.8 | 7 | 1 | 0 | 0 |
| LETHEM | 12.16 | 2.14 | 14 | 20 | 9 | 5 | 88.8 | 72.3 | 80.6 | 93 | 71 | | 197.0 | 6 | 0 | 0 | 0 |
| MABARUMA | 17.98 | 1.64 | 5 | 26 | 17 | 6 | 84.0 | 73.9 | 78.9 | 88 | 72 | | | 10 | 0 | 0 | 0 |
| MAHAICONY | 6.72 | 1.26 | 19 | 18 | 5 | 3 | 85.1 | 75.8 | 80.4 | 86 | 70 | | 149.4 | 10 | 0 | 0 | 0 |
| MON REPOS | 10.83 | 2.80 | 19 | 18 | 9 | 3 | 85.7 | 74.0 | 79.8 | 88 | 71 | | 174.6 | | | | |
| NEW AMSTERDAM | 4.92 | 1.12 | 27 | 16 | 14 | 1 | 86.9 | 73.8 | 80.4 | 88 | 69 | | 181.6 | 2 | 0 | 0 | 0 |
| PLANTAIN IS. | 15.97 | 3.16 | 20 | 19 | 15 | 7 | | | | | | | | 18 | 0 | 0 | 0 |
| SKELDON FRONT | 7.78 | 1.21 | 19 | 18 | 8 | 1 | 87.0 | 74.4 | 80.4 | 89 | 70 | | | | | | |
| TIBOKU SITE | 22.98 | 2.69 | 11 | 25 | 16 | 8 | | 73.0 | | | 71 | 72.4 | 103.8 | 23 | 1 | 0 | 0 |
| TIMEHRI AIRPORT | 12.85 | 2.69 | 17 | 25 | 11 | 4 | 86.5 | 72.6 | 79.6 | 90 | 70 | 71.0 | 126.8 | 10 | 14 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JUNE 1980

| COUNTRY STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 77 | 109 | 4.44 | .26 | 29 | | | |
| PENAL | 66 | 92 | | | | | | |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | 110 | 187 | 6.70 | .33 | 3 | | | |
| LOUIS D'OR | 23 | 51 | 5.28 | .32 | 9 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 120 | 168 | | | | | | |
| BARBADOS | | | | | | | | |
| HUSBANDS | 130 | 168 | 7.61 | .35 | 5 | 16708 | 660 | 245 |
| ST. VINCENT | | | | | | | | |
| CAMDEM PARK | 65 | 140 | 6.10 | .34 | 1 | 12082 | 515 | 225 |
| ST. LUCIA | | | | | | | | |
| ROSEAU WINBAN | 45 | 86 | 5.95 | .38 | 27 | | | |
| UNION | 62 | 92 | 6.43 | .28 | 5 | 16634 | 643 | 383 |
| ST. KITTS/NEVIS | | | | | | | | |
| LA GUERITE | 131 | 293 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | 113 | 170 | 6.39 | .31 | 20 | 14996 | 651 | 123 |
| BELIZE | | | | | | | | |
| BIG FALLS | 82 | 126 | | | | | | |
| CENTRAL FARM | 32 | 114 | | | | | | |
| TOLEDO | 42 | 67 | | | | | | |
| GUYANA | | | | | | | | |
| DAWA | 58 | 109 | 4.12 | .21 | 15 | | | |
| EBINI | 61 | 89 | 5.34 | .28 | 14 | | | |
| FRIENDSHIP | 35 | 63 | 4.76 | .25 | 2 | | | |
| GEORGETOWN BOT. GDNS | 81 | 150 | 4.66 | .36 | 26 | 11347 | 498 | 127 |
| GREAT FALLS | 1 | 3 | 3.97M | .39 | 10 | | | |
| ITABRU FALLS | 14 | 31 | 3.66 | .20 | 1 | | | |
| KAMARANG | 53 | 168 | 4.92M | .38 | 22 | | | |
| LETHEM | 182 | 276 | 6.54 | .33 | 29 | 13348 | 564 | 279 |
| MAHAICONY | 138 | 214 | 5.98M | .28 | 7 | | | |
| NEW AMSTERDAM | 95 | 183 | 5.16 | .25 | 21 | | | |
| PLANTAIN IS. | | | 4.23 | .25 | 17 | | | |
| TIBOKU SITE | 3 | 9 | | | | | | |
| TIMEHRI AIRPORT | 63 | 95 | 5.04 | .31 | 2 | | | |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS JUNE 1980

| 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 | .31 | .36 | .58 | .62 | .74 | 1.10 | 1.55 |
| PENAL | .35 | .39 | .50 | .65 | .70 | .95 | 1.18 | 1.18 |
| PIARCO AIRPORT | .20 | .30 | .39 | .59 | .59 | .60 | .85 | 1.36 |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | .36 | .40 | .49 | .71 | .72 | .74 | .87 | .89 |
| LOUIS D'OR | .71 | .71 | .90 | 1.30 | 2.11 | 2.56 | 2.63 | 2.84 |
| BARBADOS | | | | | | | | |
| G. ADAMS AIRPORT | .05 | .09 | .13 | .36 | .45 | .60 | .67 | .98 |
| HUSBANDS CMI | .17 | .20 | .24 | .24 | .28 | .43 | .61 | .61 |
| ST. LUCIA | | | | | | | | |
| UNION | .28 | .48 | .60 | .64 | .79 | .81 | 1.13 | 1.15 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | .58 | 1.00 | 1.00 | 2.52 | 3.90 | 6.26 | 8.25 | 8.30 |
| GUYANA | | | | | | | | |
| APAIKWA | .52 | .60 | .76 | .95 | .96 | .96 | 1.03 | 1.05 |
| DAWA | | | | .96 | 1.43 | 1.68 | 2.21 | 2.38 |
| EBINI | .44 | .84 | 1.14 | 1.32 | 1.44 | 1.76 | 1.92 | 1.92 |
| FRIENDSHIP | .37 | .56 | .59 | .62 | .69 | .82 | 1.50 | 1.61 |
| GEORGETOWN BOT. GDNS. | .30 | .42 | .60 | .80 | 1.85 | 1.13 | 1.42 | 1.53 |
| GREAT FALLS | .72 | .90 | 1.28 | 1.96 | 2.80 | 4.40 | 9.12 | 9.29 |
| ITABRU FALLS | .56 | .64 | .64 | .72 | .76 | 1.28 | 1.32 | 1.71 |
| KAMARANG | .18 | .34 | .56 | .72 | 1.26 | 1.40 | 2.27 | 2.74 |
| LETHEM | .45 | .68 | .82 | 1.01 | 1.24 | 1.60 | 2.12 | 2.14 |
| MABARUMA | .30 | .60 | .88 | 1.08 | 1.13 | 1.14 | 1.33 | 1.61 |
| MAHAICONY | .20 | .36 | .47 | .70 | .73 | 1.03 | 1.25 | 1.25 |
| NEW AMSTERDAM | | .39 | .44 | .82 | .84 | 90 | 1.12 | 1.12 |
| PLANTAIN IS | .40 | .54 | .69 | 1.03 | 1.33 | 1.33 | 2.06 | 2.44 |
| SKELDON FRONT | .31 | .48 | .65 | .85 | .88 | 1.18 | 1.61 | 1.63 |
| TIBOKU SITE | .63 | .86 | 1.00 | 1.30 | 1.80 | 1.91 | 2.19 | 2.36 |
| TIMEHRI AIRPORT | .28 | .55 | .68 | .74 | 1.27 | 1.34 | 1.95 | 2.69 |

TABLE V - SUMMARY OF WINDSPEED RECORDS JUNE 1980

| COUNTRY STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 06 | 15 | 14 | 25 | 07 | 33 | 1440 | 8 | 0 | 0 | 0 | 5.6 |
| PIARCO AIRPORT | 08 | 14 | 16 | 6 | 08 | 32 | 1440 | 8 | 0 | 0 | 0 | 5.5 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 10 | 11 | 08 | 12 | 16 | 38 | 0940 | 27 | 1 | 0 | 0 | 8.2 |
| BARBADOS | | | | | | | | | | | | |
| HUSBANDS CMI | 10 | 16 | 11 | 16 | 10 | 31 | 1450 | 14 | 0 | 0 | 0 | 9.0 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 11 | 20 | 12 | 8 | 10 | 35 | 0805 | 26 | 1 | 0 | 0 | 13.4 |
| ST. KITTS/NEVIS | | | | | | | | | | | | |
| LA GUERITE | 06 | 09 | 12 | 15 | 05 | 32 | 0220 | 18 | 0 | 0 | 0 | 10.8 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY | 09 | 17 | 22 | 7 | 09 | 36 | 1120 | 21 | 1 | 0 | 0 | 7.8 |
| GUYANA | | | | | | | | | | | | |
| GEORGETOWN BOT. GDNS. | 07 | 20 | 13 | 7 | 07 | 34 | 1210 | 7 | 2 | 0 | 0 | 7.3 |
| TIMEHRI AIRPORT | 06 | 13 | 13 | 8 | 06 | 20 | 1235 | 8 | 0 | 0 | 0 | 3.9 |

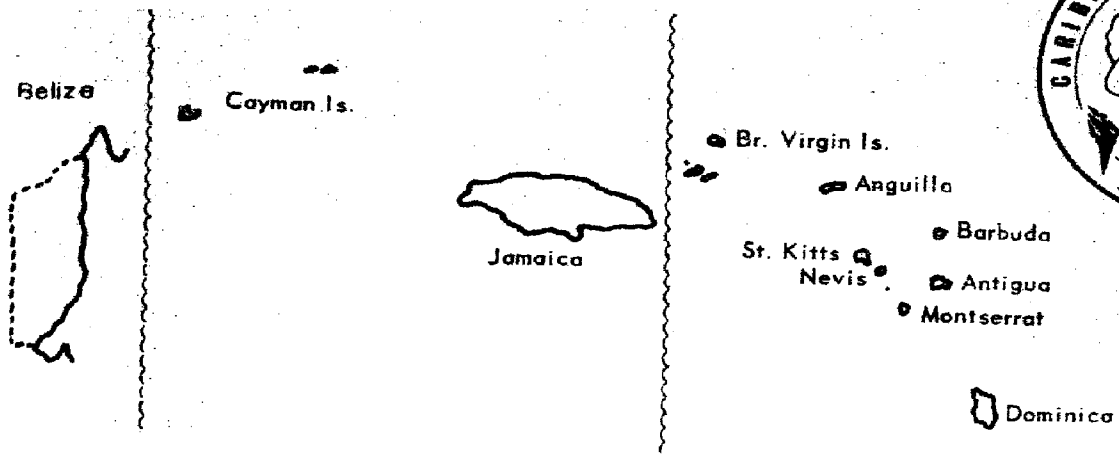
TABLE VI - SUMMARY OF SUNSHINE RECORDS JUNE 1980

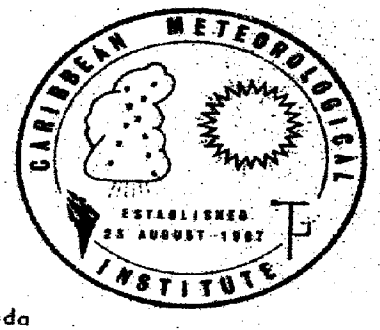
| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 14 | 52 | 55 | 59 | 59 | 59 | 61 | 57 | 54 | 47 | 41 | 21 | 0 | 173.4 | 46 | 11.5 | 7 | 2 | 8 | 4 | 7 | 9 | 0 |
| PENAL | 0 | 21 | 58 | 51 | 56 | 51 | 51 | 50 | 58 | 48 | 40 | 39 | 22 | 0 | 163.4 | 43 | 10.9 | 9 | 2 | 8 | 6 | 6 | 8 | 0 |
| PIARCO AIRPORT | 0 | 22 | 50 | 52 | 56 | 56 | 47 | 51 | 53 | 49 | 40 | 39 | 18 | 0 | 159.9 | 42 | 11.4 | 7 | 3 | 8 | 6 | 5 | 8 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 0 | 19 | 51 | 68 | 71 | 64 | 63 | 65 | 64 | 54 | 56 | 50 | 20 | 0 | 193.6 | 51 | 11.2 | 1 | 4 | 3 | 3 | 11 | 9 | 0 |
| LOUIS D'OR | 0 | 10 | 42 | 53 | 62 | 62 | 60 | 64 | 66 | 56 | 52 | 44 | 9 | 0 | 173.6 | 45 | 10.7 | 10 | 1 | 6 | 7 | 10 | 6 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 8 | 39 | 58 | 68 | 65 | 64 | 72 | 68 | 50 | 42 | 26 | 5 | 0 | 169.6 | 43 | 9.7 | 10 | 2 | 5 | 5 | 16 | 2 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 0 | 15 | 69 | 77 | 82 | 83 | 87 | 86 | 84 | 83 | 76 | 71 | 47 | 0 | 257.9 | 67 | 11.3 | 9 | 0 | 3 | 3 | 5 | 19 | 0 |
| HUSBANDS CMI | 0 | 27 | 55 | 67 | 76 | 79 | 76 | 76 | 78 | 71 | 67 | 58 | 27 | 0 | 226.6 | 59 | 10.9 | 1 | 1 | 5 | 1 | 9 | 14 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 3 | 34 | 63 | 73 | 75 | 72 | 72 | 72 | 70 | 60 | 48 | 20 | 0 | 198.5 | 51 | 10.9 | 28 | 0 | 4 | 8 | 9 | 9 | 0 |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | | |
| UNION | 0 | 5 | 28 | 49 | 67 | 73 | 68 | 64 | 71 | 68 | 63 | 44 | 13 | 0 | 184.2 | 48 | 10.0 | 2 | 0 | 6 | 3 | 19 | 2 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 0 | 32 | 57 | 72 | 72 | 79 | 79 | 87 | 79 | 81 | 69 | 59 | 21 | 0 | 235.8 | 60 | 11.3 | 6 | 1 | 2 | 3 | 9 | 14 | 0 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 0 | 20 | 53 | 78 | 80 | 75 | 81 | 83 | 76 | 81 | 68 | 42 | 10 | 0 | 224.0 | 57 | 10.4 | 5 | 0 | 0 | 8 | 16 | 6 | 0 |

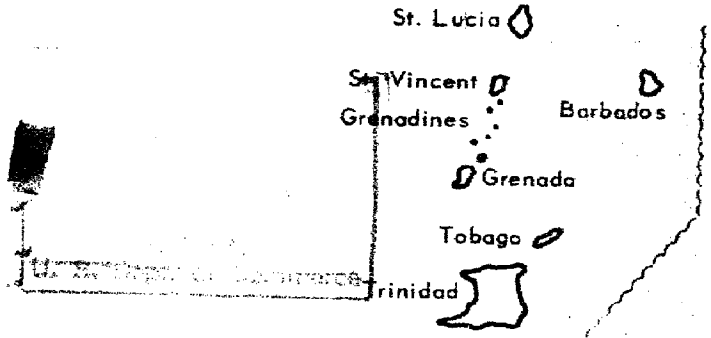
TABLE VI - SUMMARY OF SUNSHINE RECORDS JUNE 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY | 1 | 38 | 69 | 69 | 69 | 70 | 70 | 73 | 67 | 69 | 66 | 69 | 52 | 4 | 235.7 | 59 | 12.3 | 5 | 4 | 3 | 1 | 5 | 16 | 0 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 0 | 16 | 39 | 54 | 54 | 55 | 57 | 64 | 59 | 56 | 54 | 41 | 20 | 0 | 170.5 | 43 | 11.0 | 20 | 4 | 3 | 8 | 2 | 8 | 0 |
| BIG FALLS | 1 | 8 | 30 | 45 | 53 | 57 | 53 | 55 | 49 | 39 | 34 | 34 | 18 | 0 | 142.3 | 36 | 10.9 | 7 | 2 | 8 | 12 | 3 | 5 | 0 |
| CENTRAL FARM | 0 | 9 | 21 | 33 | 48 | 61 | 55 | 50 | 56 | 39 | 35 | 24 | 12 | 0 | 132.8 | 33 | 11.0 | 19 | 4 | 10 | 2 | 11 | 1 | 0 |
| TOLEDO | 0 | 12 | 29 | 32 | 37 | 46 | 52 | 61 | 60 | 55 | 65 | 56 | 19 | 0 | 157.0 | 40 | 9.8 | 3 | 1 | 4 | 10 | 10 | 1 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNA REGINA | 0 | 22 | 53 | 56 | 57 | 58 | 62 | 62 | 67 | 64 | 51 | 40 | 12 | 0 | 180.8 | 48 | 10.8 | 28 | 2 | 4 | 8 | 10 | 6 | 0 |
| EBINI | 0 | 13 | 34 | 52 | 67 | 74 | 81 | 73 | 76 | 56 | 40 | 24 | 6 | 0 | 178.6 | 48 | 9.6 | 14 | 0 | 5 | 9 | 15 | 1 | 0 |
| FRIENDSHIP | 0 | 13 | 43 | 61 | 65 | 68 | 68 | 63 | 59 | 50 | 38 | 26 | 10 | 0 | 169.0 | 45 | 11.0 | 23 | 0 | 4 | 12 | 11 | 3 | 0 |
| GEORGETOWN BOT. GDNS. | 0 | 2 | 17 | 46 | 48 | 46 | 44 | 50 | 61 | 58 | 59 | 49 | 15 | 0 | 149.1 | 40 | 9.4 | 9 | 1 | 11 | 5 | 8 | 5 | 0 |
| KAIETEUR FALLS | 0 | 1 | 3 | 4 | 4 | 9 | 24 | 34 | 46 | 59 | 52 | 38 | 15 | 0 | 88.6 | 23 | 7.2 | 30 | 2 | 12 | 15 | 1 | 0 | 0 |
| KAMARANG | 0 | 4 | 16 | 36 | 41 | 50 | 61 | 67 | 65 | 64 | 47 | 31 | 20 | 0 | 150.8 | 40 | 9.9 | 30 | 0 | 7 | 12 | 10 | 1 | 0 |
| LETHEM | 0 | 22 | 43 | 53 | 53 | 64 | 65 | 68 | 69 | 67 | 68 | 59 | 32 | 0 | 197.0 | 53 | 11.4 | 23 | 0 | 5 | 10 | 5 | 10 | 0 |
| MAHAICONY | 0 | 16 | 37 | 38 | 42 | 44 | 40 | 48 | 59 | 59 | 61 | 43 | 12 | 0 | 149.4 | 40 | 9.5 | 26 | 1 | 9 | 7 | 9 | 3 | 0 |
| MON REPOS | 0 | 17 | 42 | 54 | 56 | 50 | 49 | 60 | 59 | 63 | 66 | 50 | 18 | 0 | 174.6 | 47 | 10.3 | 9 | 0 | 7 | 9 | 7 | 7 | 0 |
| NEW AMSTERDAM | 0 | 14 | 42 | 46 | 51 | 56 | 58 | 58 | 68 | 70 | 65 | 58 | 19 | 0 | 181.6 | 48 | 10.9 | 26 | 1 | 5 | 9 | 8 | 7 | 0 |
| TIBOKU SITE | 0 | 0 | 11 | 19 | 27 | 41 | 42 | 45 | 47 | 53 | 38 | 22 | 2 | 0 | 103.8 | 28 | 7.0 | 25 | 0 | 14 | 11 | 5 | 0 | 0 |
| TIMEHRI AIRPORT | 0 | 21 | 48 | 43 | 43 | 38 | 24 | 37 | 42 | 43 | 39 | 34 | 11 | 0 | 126.8 | 34 | 9.8 | 8 | 1 | 11 | 11 | 4 | 3 | 0 |

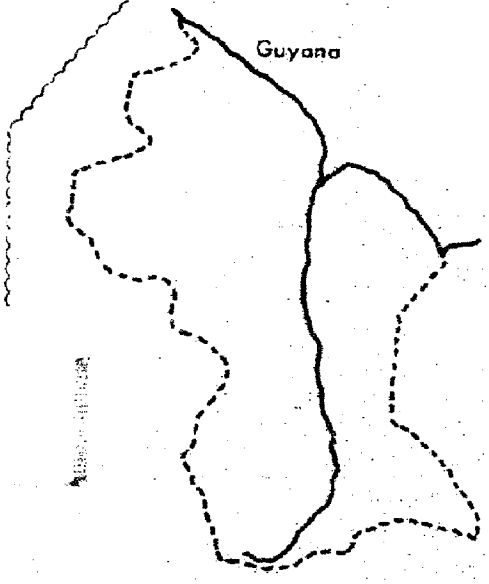
.0303




# Monthly Weather Summary



# MONTHLY WEATHER SUMMARY

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

July to December 1980

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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 79.8 | 77.1 | 30.6 | 88 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 79.9 | 77.5 | 31.1 | 89 | | | | | | | | | | | | | | | | | |
| PIARCO AIRPORT | 41 | 02 | 75.5 | 74.6 | 29.0 | 96 | 1013.8 | 0.7 | 4.6 | 0 | 7 | 10 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 18 | 10 |
| | | 08 | 80.0 | 77.0 | 30.5 | 87 | 1014.7 | 3.4 | 5.4 | 0 | 4 | 7 | 18 | 2 | 0 | 0 | 0 | 1 | 2 | 0 | 3 | 17 | 8 |
| | | 14 | 85.6 | 78.0 | 29.3 | 70 | 1013.5 | 9.5 | 6.1 | 0 | 1 | 6 | 21 | 3 | 0 | 0 | 0 | 1 | 1 | 2 | 5 | 18 | 4 |
| PIARCO AIRPORT | 41 | 20 | 77.9 | 75.9 | 29.8 | 91 | 1013.9 | 2.5 | 4.9 | 0 | 6 | 9 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 21 | 7 |
| ST. AUGUSTINE UWI | 52 | 09 | 82.1 | 78.0 | 31.0 | 83 | | 7.0 | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | | 08 | 81.3 | 77.3 | 30.2 | 83 | 1015.1 | 5.6 | 4.8 | 0 | 8 | 7 | 15 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 6 | 17 | 5 |
| | | 14 | 84.3 | 78.4 | 30.6 | 76 | 1013.9 | 10.0 | 5.1 | 0 | 6 | 9 | 14 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 17 | 8 |
| | | 20 | 79.1 | 75.9 | 29.2 | 86 | 1014.2 | 2.4 | 4.4 | 0 | 11 | 7 | 10 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 17 | 13 |
| LOUIS D'OR | 40 | 08 | 83.2 | 78.1 | 30.4 | 78 | | | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIARABEAU | 450 | 08 | 81.1 | 76.9 | 29.7 | 82 | | | 6.6 | 0 | 0 | 3 | 20 | 8 | 0 | | | | | | | | |
| PEARLS AIRPORT | 28 | 08 | 82.4 | 78.7 | 31.7 | 84 | 1015.0 | 8.6 | 4.7 | 0 | 5 | 10 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 21 | 3 |
| | | 14 | 84.4 | 79.7 | 32.5 | 81 | 1014.0 | 8.6 | 4.5 | 0 | 6 | 8 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 | 13 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 183 | 02 | 79.1 | 75.2 | 28.1 | 83 | 1014.8 | 9.6 | 4.5 | 0 | 5 | 16 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 08 | 81.8 | 76.8 | 29.2 | 79 | 1015.8 | 11.0 | 4.8 | 0 | 2 | 17 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 84.7 | 77.3 | 28.8 | 71 | 1014.7 | 12.3 | 5.1 | 0 | 2 | 16 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 20 | 79.8 | 75.5 | 28.4 | 81 | 1015.2 | 9.6 | 4.5 | 0 | 5 | 16 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| HUSBANDS CMI | 370 | 08 | 80.6 | 76.2 | 28.7 | 81 | 1015.8 | 7.5 | 4.9 | 0 | 2 | 18 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 22 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08 | 82.7 | 76.5 | 28.3 | 74 | | | | | | | | | | | | | | | | | |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 21 | 08 | 83.4 | 77.5 | 29.7 | 76 | 1015.1 | 12.5 | 4.2 | 0 | 8 | 12 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 14 | 85.7 | 78.7 | 30.3 | 72 | 1014.1 | 12.5 | 4.6 | 0 | 7 | 10 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| ROSEAU WINBAN | | 09 | 84.1 | 77.4 | 29.1 | 73 | | | | | | | | | | | | | | | | | |
| UNION | | 08 | 83.1 | 77.7 | 29.9 | 77 | | | | | | | | | | | | | | | | | |
| VIGIE AIRPORT | 7 | 08 | 82.7 | 77.2 | 29.5 | 77 | 1015.4 | 9.5 | 4.2 | 0 | 9 | 11 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 26 |
| | | 14 | 85.6 | 77.6 | 28.7 | 69 | 1014.6 | 10.8 | 5.5 | 0 | 3 | 10 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 28 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | | 08 | 82.6 | 77.6 | 30.1 | 79 | 1016.5 | 12.4 | 5.7 | 0 | 0 | 15 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 14 |
| | | 14 | 85.4 | 79.2 | 31.2 | 75 | 1015.7 | 11.5 | 5.3 | 0 | 1 | 16 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 20 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 26 | 02 | 80.7 | 76.6 | 29.4 | 82 | 1015.8 | 13.3 | 3.4 | 0 | 12 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 29 |
| | | 08 | 82.5 | 77.3 | 29.7 | 78 | 1016.7 | 14.4 | 4.2 | 0 | 6 | 15 | 8 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 29 |
| | | 14 | 86.1 | 78.4 | 29.9 | 70 | 1016.0 | 14.3 | 4.8 | 0 | 2 | 15 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 20 | 81.8 | 77.1 | 29.7 | 80 | 1016.3 | 13.4 | 3.6 | 0 | 8 | 18 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK AIRPORT | | 08 | 81.8 | 77.3 | 30.0 | 81 | 1017.8 | 13.8 | 5.3 | 0 | 1 | 15 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| | | 14 | 85.0 | 78.5 | 30.3 | 74 | 1017.0 | 14.5 | 4.6 | 0 | 2 | 18 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| LA GUERITE | 158 | 09 | 83.1 | 77.5 | 30.1 | 78 | | | | | | | | | | | | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | | 09 | 86.1 | 80.4 | 33.0 | 78 | | 6.7 | 2.6 | 0 | 22 | 3 | 5 | 1 | 0 | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 17 | 00 | 80.0 | 76.9 | 30.2 | 86 | 1014.3 | 5.1 | 4.5 | 0 | 9 | 10 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 26 |
| | | 06 | 78.3 | 76.4 | 30.2 | 91 | 1013.3 | 3.4 | 5.4 | 0 | 4 | 8 | 18 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 25 |
| | | 12 | 86.2 | 79.2 | 31.0 | 73 | 1014.1 | 10.9 | 6.0 | 0 | 0 | 9 | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 28 |
| | | 18 | 83.8 | 78.2 | 30.7 | 78 | 1012.7 | 7.8 | 5.5 | 0 | 1 | 13 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 27 |
| BELMOPAN | | 06 | 74.1 | 73.3 | 27.7 | 97 | 1012.9 | | 5.7 | 0 | 7 | 3 | 16 | 1 | 4 | 5 | 1 | 1 | 1 | 1 | 1 | 21 | 0 |
| | | 12 | 87.6 | 79.5 | 30.6 | 69 | 1012.4 | | 6.5 | 0 | 0 | 3 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 6 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| DAWA | | 08 | 76.9 | 75.8 | 30.0 | 95 | | | | | | | | | | | | | | | | | |
| | | 14 | 84.9 | 78.0 | 29.8 | 73 | | | | | | | | | | | | | | | | | |
| EBINI L.S | 94 | 08 | 77.2 | 75.4 | 29.3 | 92 | 1014.8 | 1.0 | 5.8 | 0 | 2 | 6 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 6 |
| | | 14 | 85.9 | 77.3 | 28.2 | 67 | 1011.9 | 3.6 | 6.0 | 0 | 0 | 6 | 18 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 18 | 5 |
| FRIENDSHIP | | 08 | 77.8 | 76.1 | 29.9 | 92 | | | | | | | | | | | | | | | | | |
| | | 14 | 85.4 | 77.8 | 29.1 | 70 | | | | | | | | | | | | | | | | | |
| GEORGETOWN B.G. | 7 | 08 | 78.8 | 76.4 | 30.0 | 89 | 1014.4 | 2.8 | 6.2 | 0 | 1 | 4 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 8 |
| | | 14 | 83.7 | 77.4 | 29.3 | 74 | 1012.9 | 6.9 | 5.4 | 0 | 2 | 10 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 18 |
| GREAT FALLS | | 08 | 75.7 | 74.8 | 29.0 | 95 | | | | | | | | | | | | | | | | | |
| | | 14 | 86.6 | 79.8 | 31.8 | 74 | | | | | | | | | | | | | | | | | |
| ITABRU FALLS | | 08 | 75.9 | 74.7 | 28.8 | 95 | | | | | | | | | | | | | | | | | |
| | | 14 | 87.3 | 78.9 | 30.0 | 68 | | | | | | | | | | | | | | | | | |
| KAMARANG | 1625 | 08 | 71.5 | 70.5 | 25.0 | 95 | 1017.9 | 1.4 | 5.8 | 0 | 2 | 6 | 20 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 |
| | | 14 | 80.7 | 73.9 | 25.5 | 71 | 1014.2 | 5.0 | 5.2 | 0 | 0 | 18 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 22 |
| LETHEM | 326 | 08 | 77.3 | 74.2 | 27.6 | 86 | 1016.5 | 3.1 | 6.0 | 0 | 1 | 9 | 16 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | | 14 | 83.6 | 76.7 | 28.4 | 72 | 1013.7 | 3.2 | 5.5 | 0 | 0 | 16 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 11 |
| MACKENZIE | | 08 | 77.1 | 75.2 | 29.1 | 92 | 1013.3 | | | | | | | | | | | | | | | | |
| | | 14 | 84.8 | 77.5 | 29.0 | 71 | 1010.9 | | | | | | | | | | | | | | | | |
| MAHAICONY | 6 | 08 | 79.5 | 76.6 | 29.9 | 87 | | 2.2 | 5.9 | 0 | 1 | 9 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 27 |
| | | 14 | 84.2 | 77.9 | 29.8 | 74 | | 4.6 | 4.3 | 0 | 6 | 12 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 25 |
| NEW AMSTERDAM | | 08 | 79.5 | 76.6 | 30.0 | 87 | 1014.9 | 1.8 | 5.5 | 0 | 2 | 12 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 |
| | | 14 | 85.8 | 78.8 | 30.5 | 73 | 1013.2 | 4.5 | 4.7 | 0 | 2 | 18 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 9 |
| TIMEHRI AIRPORT | 100 | 02 | 74.0 | 73.5 | 28.0 | 98 | 1013.3 | 1.3 | 4.8 | 0 | 7 | 11 | 9 | 4 | 0 | 1 | 1 | 0 | 1 | 3 | 3 | 22 | 0 |
| TIMEHRI AIRPORT | 100 | 08 | 77.1 | 75.4 | 29.3 | 92 | 1014.8 | 1.7 | 5.2 | 0 | 5 | 9 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 16 | 14 |
| | | 14 | 84.0 | 77.4 | 29.2 | 73 | 1012.2 | 5.7 | 6.2 | 0 | 0 | 7 | 24 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 16 | 13 |
| | | 20 | 76.7 | 75.3 | 29.3 | 93 | 1013.3 | 2.0 | 5.0 | 0 | 5 | 10 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 14 |

TABLE II SUMMARY OF DAILY OBSERVATIONS JULY 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 10.38 | 2.11 | 22 | 19 | 8 | 3 | 86.8 | 72.3 | 79.6 | 89 | 70 | | 218.6 | | | | |
| PENAL | 6.59 | .93 | 1 | 17 | 8 | 0 | | 71.8 | | | 67 | | 201.7 | | | | |
| ST. AUGUSTINE UWI | 10.22 | 2.36 | 17 | 21 | 8 | 2 | 88.6 | 71.9 | 80.2 | 99 | 64 | | 187.8 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 4.99 | .90 | 23 | 18 | 4 | 0 | 86.5 | 75.5 | 80.9 | 88 | 73 | | 254.0 | | | | |
| LOUIS D'OR | 8.27 | 1.55 | 2 | 19 | 8 | 2 | 85.7 | 76.0 | 80.9 | 88 | 73 | | 236.7 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 5.99 | 1.56 | 2 | 16 | 5 | 1 | 82.8 | 74.0 | 78.4 | 86 | 71 | | 186.0 | | | | |
| PEARLS AIRPORT | 5.97 | 1.46 | 2 | 20 | 4 | 1 | 86.1 | 77.5 | 81.8 | 87 | 73 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 4.01 | .82 | 16 | 18 | 2 | 0 | 86.9 | 76.6 | 81.8 | 88 | 73 | | 275.9 | | | | |
| HUSBANDS CMI | 5.12 | 1.67 | 16 | 17 | 3 | 1 | 87.8 | 75.5 | 81.6 | 90 | 72 | | 259.5 | 3 | 0 | 0 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 8.10 | 1.56 | 24 | 21 | 7 | 2 | 87.4 | 75.5 | 81.5 | 90 | 73 | | 236.4 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 4.73 | 1.01 | 23 | 17 | 4 | 1 | 87.4 | 78.8 | 83.1 | 90 | 75 | | | 5 | 0 | 0 | 0 |
| ROSEAU, WINBAN | 7.24 | 1.25 | 23 | 19 | 8 | 1 | 87.6 | 75.3 | 81.5 | 89 | 71 | | 250.2 | | | | |
| UNION | 5.95 | 1.31 | 16 | 22 | 4 | 1 | 87.0 | 77.1 | 82.0 | 89 | 72 | | 204.5 | | | | |
| VIGIE AIRPORT | 5.38 | 1.10 | 23 | 22 | 4 | 1 | 87.7 | 77.1 | 82.4 | 89 | 73 | | | 2 | 0 | 0 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 8.20 | 1.53 | 16 | 25 | 7 | 2 | 86.5 | 76.7 | 81.6 | 88 | 73 | | 237.9 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 3.91 | .99 | 16 | 15 | 4 | 0 | 87.6 | 78.1 | 82.9 | 90 | 73 | | | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS JULY 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| LA GUERITE | | | | | | | 86.8 | 75.7 | 81.2 | 89 | 72 | | 247.3 | | | | |
| NATIONAL AGRI. CORP. | 5.11 | 1.41 | 5 | 14 | 4 | 1 | 89.6 | 78.6 | 84.1 | 94 | 74 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 1.58 | .58 | 11 | 8 | 1 | 0 | 90.1 | 78.5 | 84.3 | 92 | 73 | | 298.2 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 10.53 | 2.05 | 21 | 17 | 6 | 4 | 88.8 | 76.4 | 82.6 | 91 | 71 | 75.5 | 276.4 | 13 | 1 | 0 | 0 |
| BELMOPAN | 7.53 | 1.67 | 5 | 15 | 9 | 1 | | 71.8 | | | 69 | | 185.3 | | | | |
| BIG FALLS | 7.28 | 1.73 | 21 | 17 | 7 | 1 | 90.0 | 71.5 | 80.8 | 93 | 69 | 71.4 | 220.4 | | | | |
| CENTRAL FARM | 6.53 | 1.69 | 30 | 16 | 7 | 1 | 91.3 | 71.9 | 81.6 | 94 | 69 | | 202.6 | 5 | 24 | 0 | 0 |
| TOLEDO | 27.09 | 3.86 | 17 | 27 | 19 | 10 | 88.4 | 72.7 | 80.6 | 95 | 69 | | 186.6 | 5 | 0 | 0 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | |
| DAWA | 15.44 | 2.54 | 17 | 21 | 14 | 4 | 87.0 | 72.0 | 79.5 | 89 | 70 | 71.2 | | | | | |
| EBINI L.S. | 17.44 | 2.06 | 2 | 24 | 13 | 7 | 89.0 | 72.6 | 80.8 | 93 | 68 | 69.9 | 201.0 | 20 | 13 | 0 | 0 |
| FRIENDSHIP | 14.95 | 1.81 | 2 | 21 | 12 | 6 | 89.1 | 71.0 | 80.0 | 94 | 69 | | 203.6 | | | | |
| GEORGETOWN B.G. | 12.10 | 3.69 | 12 | 18 | 8 | 5 | 86.5 | 75.2 | 80.9 | 89 | 72 | 72.4 | 201.3 | 8 | 0 | 0 | 0 |
| GREAT FALLS | 19.73 | 2.90 | 5 | 24 | 15 | 8 | 87.9 | 72.4 | 80.1 | 92 | 70 | 71.1 | | 18 | 20 | 0 | 0 |
| ITABRU FALLS | 13.57 | 2.84 | 8 | 21 | 12 | 4 | 89.8 | 73.0 | 81.4 | 93 | 71 | 71.8 | | | | | |
| KAMARANG | 14.06 | 2.83 | 15 | 24 | 13 | 4 | 84.1 | 67.0 | 75.5 | 88 | 66 | 65.6 | 174.6 | 11 | 0 | 0 | 0 |
| LETHEM | 17.78 | 1.96 | 12 | 24 | 16 | 7 | 87.9 | 71.2 | 79.5 | 92 | 69 | | 201.2 | 7 | 0 | 0 | 0 |
| MACKENZIE | 10.54 | 1.50 | 28 | 24 | 9 | 3 | 90.6 | 73.5 | 82.0 | 94 | 70 | | 176.7 | | | | |
| MAHAICONY | 9.24 | 1.38 | 22 | 17 | 9 | 3 | 85.8 | 75.0 | 80.4 | 87 | 72 | | 198.2 | 11 | 0 | 0 | 0 |
| NEW AMSTERDAM | 10.24 | 2.30 | 22 | 18 | 9 | 3 | 87.5 | 73.0 | 80.3 | 89 | 71 | | 222.7 | 5 | 0 | 0 | 0 |
| PLANTAIN ISLAND | 12.60 | 1.30 | 7 | 22 | 15 | 3 | | | | | | | | 26 | 0 | 0 | 0 |
| TIBOKU SITE | 16.85 | 3.12 | 23 | 25 | 12 | 6 | 91.0 | 72.2 | 81.6 | 99 | 70 | 70.5 | 169.0 | 26 | 3 | 0 | 0 |
| TIMEHRI AIRPORT | 13.03 | 1.94 | 29 | 24 | 13 | 3 | 87.1 | 71.8 | 79.6 | 90 | 70 | 71.3 | 156.5 | 14 | 6 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JULY 1980

| COUNTRY / STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 61 | 92 | 5.38 | .25 | 8 | | | |
| PENAL | 55 | 117 | | | | | | |
| ST. AUGUSTINE | 48 | 70 | 4.09 | .27 | 7 | | | |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | 75 | 112 | 6.77 | .29 | 27 | | | |
| LOUIS D'OR | 12 | 30 | 6.06 | .29 | 20 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 91 | 129 | | | | | | |
| BARBADOS | | | | | | | | |
| HUSBANDS CMI | 105 | 170 | 6.91 | .38 | 27 | 17819 | 723 | 276 |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 40 | 68 | | | | 12728 | 529 | 184 |
| ST. LUCIA | | | | | | | | |
| ROSEAU WINBAN | 28 | 68 | 5.72 | .35 | 8 | | | |
| UNION | 47 | 85 | 6.31 | .34 | 8 | 18017 | 700 | 300 |
| ST. KITTS /NEVIS | | | | | | | | |
| LA GUERITE | 140 | 185 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | 94 | 133 | 7.81 | .35 | 30 | 17631 | 667 | 346 |
| BELIZE | | | | | | | | |
| BELIZE AIRPORT | 92 | 157 | | | | 16015 | 648 | 273 |
| BIG FALLS | 75 | 139 | 5.97 | .40 | 18 | | | |
| CENTRAL FARM | 30 | 118 | | | | | | |
| TOLEDO | 30 | 47 | | | | | | |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS JULY 1980

| COUNTRY STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| GUYANA | | | | | | | | |
| DAWA | 48 | 72 | 5.26M | .22 | 14 | | | |
| EBINI L.S. | 51 | 75 | 5.62 | .22 | 19 | 11510 | 428 | 268 |
| FRIENDSHIP | 30 | 42 | 5.72 | .37 | 11 | | | |
| GEORGETOWN B.G. | 66 | 100 | 5.68 | .34 | 8 | 13076 | 522 | 251 |
| GREAT FALLS | 1 | 3 | | | | | | |
| ITABRU FALLS | 21 | 37 | 5.11 | .27 | 8 | | | |
| KAMARANG | 44 | 57 | 4.66 | .27 | 25 | | | |
| LETHEM | 137 | 274 | 6.38 | .38 | 20 | 13786 | 573 | 261 |
| MACKENZIE | 50 | 71 | 6.56M | .38 | 15 | | | |
| MAHAICONY | 140 | 196 | 6.61M | .29 | 1 | | | |
| NEW AMSTERDAM | 65 | 136 | 5.63 | .31 | 29 | | | |
| PLANTAIN ISLAND | | | 4.35 | .30 | 4 | | | |
| TIBOKU SITE | 3 | 9 | 4.57 | .24 | 29 | | | |
| TIMEHRI AIRPORT | 54 | 82 | 5.55M | .25 | 19 | | | |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS JULY 1980

| 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 | .44 | .60 | .68 | .72 | .97 | 1.25 | 1.67 | 2.08 |
| PENAL | .40 | .44 | .51 | .57 | .64 | .68 | .88 | .93 |
| ST. AUGUSTINE UWI | | .69 | .70 | .75 | 1.07 | 1.28 | 2.33 | 2.36 |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | .37 | .44 | .50 | .61 | .63 | .72 | .90 | .90 |
| LOUIS D'OR | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.42 |
| BARBADOS | | | | | | | | |
| HUSBANDS CMI | .22 | .28 | .32 | .61 | .76 | .77 | 1.55 | 1.67 |
| ST. LUCIA | | | | | | | | |
| UNION | .16 | .20 | .29 | .29 | .29 | .39 | .47 | .76 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | .20 | .28 | .39 | .56 | .58 | .58 | .58 | .58 |
| GUYANA | | | | | | | | |
| APAIKWA | .48 | .60 | .79 | 1.16 | 1.38 | 2.35 | 2.41 | 2.62 |
| FRIENDSHIP | .48 | .64 | .68 | .92 | 1.14 | 1.22 | 1.61 | 1.65 |
| GEORGETOWN B.G. | .28 | .48 | .72 | 1.25 | 1.25 | 2.23 | 3.65 | 3.69 |
| ITABRU FALLS | .36 | .56 | .80 | 1.44 | 2.06 | 2.60 | 2.84 | 2.84 |
| LETHEM | .36 | .60 | .72 | 1.06 | 1.50 | 1.52 | 1.68 | 1.70 |
| MACKENZIE | .48 | .85 | .85 | 1.12 | 1.20 | 1.40 | 1.50 | 1.50 |
| MAHAICONY | .21 | .42 | .50 | .61 | .66 | .73 | 1.12 | 1.16 |
| TIBOKU SITE | .48 | .60 | .88 | 1.30 | 2.28 | 2.39 | 2.82 | 2.82 |
| TIMEHRI AIRPORT | .40 | .48 | .73 | 1.02 | 1.42 | 1.42 | 1.55 | 1.67 |

TABLE V - SUMMARY OF WINDSPEED RECORDS JULY 1980

| COUNTRY STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO. OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 09 | 14 | 15 | 5 | 07 | 29 | 11.35 | 2 | 0 | 0 | 0 | 4.0 |
| PIARCO AIRPORT | 08 | 14 | 13 | 18 | 08 | 29 | 14.20 | 18 | 0 | 0 | 0 | 3.9 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 09 | 14 | 14 | 18 | 12 | 25 | 13.40 | 18 | 0 | 0 | 0 | 5.9 |
| BARBADOS | | | | | | | | | | | | |
| HUSBANDS CMI | 08 | 14 | 13 | 1 | 09 | 25 | 12.05 | 1 | 0 | 0 | 0 | 6.5 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 08 | 21 | 10 | 24 | 10 | 50 | 08.50 | 3 | 5 | 1 | 0 | 14.0 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY G.C. | 13 | 12 | 12 | 19 | 14 | 32 | 11.30 | 19 | 0 | 0 | 0 | 6.2 |
| GUYANA | | | | | | | | | | | | |
| EBINI L.S. | 34 | 15 | 17 | 30 | 09 | 37 | 13.35 | 20 | 2 | 0 | 0 | 2.9 |
| GEORGETOWN B.G. | 12 | 15 | 14 | 28 | 14 | 25 | 09.35 | 22 | 0 | 0 | 0 | 5.8 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS JULY 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 30 | 69 | 68 | 68 | 72 | 65 | 70 | 64 | 64 | 51 | 56 | 30 | 0 | 218.6 | 56 | 11.5 | 8 | 0 | 6 | 3 | 8 | 12 | 0 |
| PENAL | 0 | 34 | 65 | 61 | 74 | 66 | 62 | 59 | 62 | 57 | 46 | 44 | 21 | 0 | 201.7 | 51 | 11.7 | 3 | 0 | 5 | 0 | 8 | 10 | 0 |
| PIARCO AIRPORT | 0 | 30 | 64 | 59 | 55 | 58 | 49 | 53 | 55 | 55 | 44 | 43 | 21 | 0 | 183.2 | 47 | 11.1 | 8 | 2 | 5 | 8 | 9 | 7 | 0 |
| ST. AUGUSTINE UWI | 0 | 11 | 60 | 68 | 72 | 65 | 58 | 59 | 62 | 55 | 45 | 42 | 07 | 0 | 187.8 | 48 | 10.7 | 8 | 1 | 4 | 10 | 9 | 7 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 0 | 25 | 64 | 79 | 79 | 84 | 83 | 80 | 78 | 83 | 72 | 61 | 34 | 0 | 254.0 | 64 | 11.7 | 8 | 1 | 2 | 3 | 11 | 14 | 0 |
| LOUIS D'OR | 0 | 9 | 55 | 68 | 77 | 91 | 88 | 78 | 77 | 80 | 75 | 51 | 15 | 0 | 236.7 | 60 | 10.1 | 12 | 0 | 1 | 4 | 9 | 7 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 12 | 45 | 55 | 57 | 63 | 75 | 79 | 73 | 62 | 45 | 27 | 7 | 0 | 136.0 | 47 | 9.4 | 20 | 0 | 6 | 7 | 17 | 1 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 4 | 41 | 75 | 81 | 85 | 84 | 81 | 82 | 84 | 84 | 76 | 72 | 42 | 0 | 275.9 | 69 | 12.1 | 7 | 0 | 3 | 0 | 10 | 17 | 1 |
| HUSBANDS CMI | 0 | 37 | 69 | 77 | 80 | 82 | 82 | 77 | 75 | 74 | 72 | 71 | 40 | 1 | 259.5 | 65 | 11.7 | 26 | 0 | 4 | 2 | 7 | 18 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 8 | 55 | 75 | 85 | 79 | 72 | 76 | 78 | 76 | 72 | 62 | 24 | 0 | 236.4 | 59 | 11.2 | 12 | 0 | 2 | 6 | 9 | 14 | 0 |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | | |
| UNION | 0 | 10 | 43 | 54 | 67 | 75 | 77 | 72 | 71 | 70 | 60 | 48 | 12 | 0 | 204.5 | 51 | 10.0 | 21 | 1 | 4 | 3 | 13 | 6 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 3 | 45 | 65 | 74 | 70 | 71 | 69 | 66 | 72 | 78 | 71 | 57 | 24 | 3 | 237.9 | 59 | 10.7 | 26 | 1 | 1 | 5 | 12 | 12 | 0 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 0 | 24 | 61 | 76 | 82 | 80 | 82 | 88 | 85 | 77 | 68 | 54 | 23 | 0 | 247.3 | 61 | 11.1 | 19 | 0 | 2 | 4 | 12 | 13 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS JULY 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 3 | 55 | 73 | 85 | 89 | 85 | 85 | 86 | 88 | 92 | 85 | 76 | 56 | 3 | 298.2 | 73 | 12.4 | 1 | 0 | 0 | 4 | 8 | 17 | 2 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 0 | 39 | 77 | 84 | 87 | 79 | 80 | 83 | 83 | 81 | 80 | 72 | 46 | 0 | 276.4 | 68 | 11.7 | 19 | 0 | 1 | 4 | 7 | 17 | 0 |
| BELMOPAN | 0 | 15 | 31 | 54 | 66 | 68 | 69 | 64 | 58 | 62 | 51 | 36 | 25 | 0 | 185.3 | 46 | 11.9 | 25 | 3 | 3 | 9 | 7 | 7 | 0 |
| BIG FALLS | 0 | 24 | 61 | 68 | 71 | 74 | 65 | 63 | 67 | 65 | 62 | 58 | 33 | 1 | 220.4 | 54 | 10.9 | 25 | 0 | 4 | 10 | 4 | 13 | 0 |
| CENTRAL FARM | 0 | 9 | 26 | 50 | 72 | 77 | 73 | 69 | 62 | 65 | 65 | 54 | 32 | 1 | 202.6 | 50 | 11.5 | 10 | 0 | 3 | 11 | 11 | 6 | 0 |
| TOLEDO | 0 | 10 | 29 | 33 | 50 | 53 | 47 | 56 | 64 | 78 | 80 | 71 | 32 | 0 | 186.6 | 46 | 10.6 | 24 | 0 | 6 | 8 | 14 | 3 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNA REGINA | 0 | 19 | 59 | 60 | 61 | 68 | 75 | 75 | 81 | 83 | 72 | 69 | 33 | 0 | 233.6 | 60 | 10.6 | 25 | 0 | 2 | 7 | 10 | 12 | 0 |
| EBINI L.S. | 0 | 15 | 38 | 53 | 73 | 84 | 86 | 79 | 71 | 62 | 48 | 26 | 13 | 0 | 201.0 | 52 | 10.0 | 3 | 0 | 0 | 13 | 13 | 5 | 0 |
| FRIENDSHIP | 0 | 13 | 38 | 65 | 71 | 75 | 80 | 75 | 69 | 59 | 52 | 39 | 19 | 0 | 203.6 | 53 | 10.5 | 24 | 0 | 0 | 12 | 14 | 5 | 0 |
| GEORGETOWN B.G. | 0 | 1 | 15 | 45 | 52 | 68 | 76 | 74 | 70 | 79 | 76 | 67 | 26 | 0 | 201.3 | 52 | 9.9 | 25 | 0 | 4 | 10 | 11 | 6 | 0 |
| KAMARANG | 0 | 4 | 18 | 31 | 58 | 59 | 68 | 66 | 62 | 64 | 56 | 49 | 25 | 3 | 174.6 | 45 | 10.4 | 1 | 0 | 4 | 12 | 14 | 1 | 0 |
| LETHEM | 0 | 15 | 43 | 46 | 58 | 69 | 72 | 66 | 61 | 57 | 50 | 66 | 46 | 0 | 201.2 | 53 | 11.2 | 26 | 0 | 4 | 9 | 10 | 8 | 0 |
| MACKENZIE | 0 | 3 | 28 | 54 | 65 | 70 | 80 | 70 | 66 | 64 | 43 | 24 | 3 | 0 | 176.7 | 46 | 8.7 | 1 | 0 | 3 | 13 | 12 | 0 | 0 |
| MACHAICONY | 0 | 14 | 29 | 44 | 58 | 62 | 60 | 70 | 70 | 77 | 72 | 56 | 27 | 0 | 198.2 | 51 | 10.7 | 25 | 0 | 5 | 7 | 9 | 7 | 0 |
| MAZARUNI | 0 | 3 | 23 | 45 | 51 | 56 | 54 | 46 | 43 | 35 | 20 | 27 | 6 | 0 | 126.4 | 33 | 8.5 | 19 | 0 | 11 | 12 | 8 | 0 | 0 |
| MON REPOS | 0 | 24 | 47 | 47 | 61 | 74 | 80 | 78 | 78 | 80 | 80 | 66 | 32 | 0 | 232.0 | 60 | 10.9 | 25 | 0 | 2 | 8 | 8 | 13 | 0 |
| NEW AMSTERDAM | 0 | 15 | 50 | 62 | 65 | 71 | 69 | 78 | 75 | 79 | 79 | 57 | 20 | 0 | 222.7 | 58 | 11.0 | 4 | 0 | 3 | 7 | 12 | 9 | 0 |
| TIBOKU SITE | 0 | 0 | 25 | 37 | 45 | 51 | 63 | 70 | 68 | 67 | 60 | 47 | 12 | 0 | 169.0 | 44 | 9.6 | 26 | 0 | 5 | 13 | 12 | 1 | 0 |
| TIMEHRI AIRPORT | 0 | 27 | 53 | 54 | 47 | 48 | 36 | 39 | 42 | 41 | 47 | 45 | 25 | 0 | 156.5 | 40 | 10.9 | 24 | 0 | 8 | 11 | 10 | 2 | 0 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 79.7 | 76.7 | 30.1 | 87 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 80.6 | 77.8 | 31.4 | 88 | | | | | | | | | | | | | | | | | |
| PIARCO AIRPORT | 41 | 02 | 75.6 | 74.5 | 28.8 | 96 | 1013.1 | 1.1 | 4.1 | 1 | 8 | 16 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 14 |
| | | 08 | 79.1 | 76.9 | 30.2 | 88 | 1014.5 | 2.8 | 4.9 | 0 | 5 | 10 | 16 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 15 | 12 |
| | | 14 | 85.0 | 78.1 | 29.8 | 73 | 1012.8 | 7.7 | 6.0 | 0 | 2 | 7 | 18 | 4 | 0 | 0 | 1 | 0 | 1 | 1 | 4 | 14 | 10 |
| PIARCO AIRPORT | 41 | 20 | 78.7 | 76.5 | 30.2 | 90 | 1013.3 | 2.7 | 4.7 | 0 | 4 | 14 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 14 |
| ST. AUGUSTINE UWI | 52 | 09 | 82.6 | 77.7 | 30.2 | 79 | | | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | | 08 | 81.1 | 77.6 | 30.6 | 84 | 1014.5 | 5.7 | 5.6 | 0 | 0 | 10 | 11 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 9 | 9 |
| | | 14 | 85.1 | 79.4 | 31.6 | 77 | 1013.0 | 8.6 | 5.4 | 0 | 2 | 10 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 9 | 14 |
| LOUIS D'OR | 40 | 08 | 83.7 | 78.6 | 30.9 | 78 | | 0.2 | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 82.6 | 77.8 | 30.6 | 80 | | | 5.9 | 0 | 0 | 12 | 16 | 3 | 0 | | | | | | | | |
| PEARLS AIRPORT | 22 | 08 | 83.0 | 78.4 | 31.2 | 81 | 1014.3 | 5.3 | 4.7 | 0 | 3 | 18 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 12 |
| | | 14 | 84.7 | 79.4 | 31.9 | 78 | 1013.2 | 6.6 | 4.6 | 0 | 3 | 18 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 20 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 183 | 02 | 79.0 | 76.1 | 29.5 | 87 | 1013.8 | 7.4 | 4.8 | 0 | 6 | 13 | 8 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 08 | 82.1 | 77.6 | 30.1 | 80 | 1015.1 | 8.4 | 4.3 | 0 | 3 | 20 | 6 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 14 | 84.2 | 78.1 | 30.2 | 75 | 1013.6 | 9.4 | 5.0 | 0 | 1 | 17 | 11 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 20 | 80.1 | 76.7 | 29.6 | 85 | 1014.5 | 7.6 | 4.5 | 0 | 6 | 14 | 9 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 |
| HUSBANDS CMI | 370 | 08 | 81.1 | 76.9 | 29.7 | 82 | 1015.2 | 7.4 | 4.5 | 0 | 5 | 15 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 27 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08 | 82.4 | 76.8 | 29.0 | 77 | | | | | | | | | | | | | | | | | |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL. HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | | 08 | 83.2 | 78.2 | 30.5 | 79 | 1014.1 | 10.8 | 4.7 | 0 | 6 | 13 | 10 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 27 |
| | | 14 | 85.4 | 79.5 | 31.8 | 76 | 1013.2 | 10.0 | 4.4 | 0 | 8 | 12 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 28 |
| ROSEAU WINBAN | | 09 | 84.3 | 77.9 | 30.0 | 74 | | | | | | | | | | | | | | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | | 08 | 83.3 | 78.3 | 30.9 | 80 | 1015.3 | 12.2 | 5.6 | 0 | 0 | 13 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 9 | 19 |
| | | 14 | 85.3 | 79.5 | 31.7 | 76 | 1014.7 | 10.8 | 5.4 | 0 | 0 | 16 | 8 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 10 | 18 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 26 | 02 | 81.0 | 76.9 | 24.9 | 82 | 1014.9 | 11.7 | 3.6 | 0 | 12 | 12 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 08 | 83.0 | 77.8 | 25.4 | 78 | 1015.7 | 12.7 | 4.5 | 0 | 3 | 18 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 86.6 | 79.0 | 30.4 | 70 | 1015.0 | 14.5 | 4.7 | 0 | 4 | 16 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 20 | 83.1 | 77.1 | 30.1 | 81 | 1015.3 | 12.8 | 4.3 | 0 | 8 | 12 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK AIRPORT | | 08 | 82.2 | 77.6 | 30.2 | 80 | 1016.7 | 12.3 | 4.8 | 0 | 2 | 17 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 85.6 | 79.0 | 30.8 | 74 | 1016.0 | 13.5 | 4.4 | 0 | 7 | 14 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| LA GUERITE | | 09 | 84.3 | 78.1 | 30.5 | 76 | | | | | | | | | | | | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | | 09 | 85.0 | 79.8 | 32.5 | 79 | | | | | | | | | | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 17 | 00 | 80.3 | 77.4 | 30.7 | 87 | 1013.3 | 4.9 | 4.5 | 0 | 9 | 11 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| | | 06 | 77.5 | 76.0 | 30.1 | 93 | 1012.4 | 2.7 | 6.0 | 0 | 1 | 6 | 21 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4 | 25 |
| | | 12 | 86.2 | 79.4 | 31.4 | 74 | 1013.2 | 9.5 | 6.3 | 0 | 0 | 5 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| | | 18 | 83.6 | 78.5 | 31.4 | 79 | 1011.4 | 7.7 | 5.8 | 0 | 1 | 9 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| BELMOPAN | | 06 | 73.5 | 72.8 | 27.2 | 97 | 1012.7 | | 6.2 | 2 | 0 | 7 | 11 | 4 | 6 | 5 | 5 | 2 | 1 | 0 | 0 | 11 | 4 |
| | | 12 | 86.9 | 79.2 | 30.7 | 79 | 1012.6 | | 6.2 | 0 | 0 | 5 | 25 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 20 |

TABLE 1 SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| DAWA | | 08 | 78.8 | 76.7 | 30.5 | 91 | | | | | | | | | | | | | | | | | |
| | | 14 | 85.8 | 78.1 | 29.5 | 70 | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 94 | 08 | 78.6 | 76.3 | 30.0 | 90 | 1014.8 | 2.0 | 5.3 | 0 | 3 | 11 | 16 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 22 | 6 |
| | | 14 | 87.7 | 77.6 | 27.8 | 62 | 1011.9 | 4.9 | 5.5 | 0 | 0 | 13 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 15 | 15 |
| GEORGETOWN B.G. | 7 | 08 | 80.1 | 76.8 | 30.1 | 86 | 1814.3 | 3.9 | 5.4 | 0 | 4 | 8 | 17 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 20 | 9 |
| GEORGETOWN B.G. | | 14 | 85.6 | 77.8 | 29.0 | 69 | 1012.5 | 7.7 | 4.8 | 0 | 3 | 16 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 22 |
| GREAT FALLS | | 08 | 76.4 | 74.9 | 28.9 | 93 | | | | | | | | | | | | | | | | | |
| | | 14 | 86.8 | 79.9 | 31.7 | 73 | | | | | | | | | | | | | | | | | |
| ITABRU FALLS | | 08 | 77.1 | 75.6 | 29.7 | 93 | | | | | | | | | | | | | | | | | |
| | | 14 | 89.3 | 79.1 | 29.5 | 63 | | | | | | | | | | | | | | | | | |
| LETHEM | 326 | 08 | 80.3 | 75.3 | 27.7 | 78 | | 8.0 | 5.4 | 0 | 3 | 11 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | | 14 | 87.9 | 77.3 | 27.3 | 61 | | 6.6 | 5.5 | 0 | 0 | 13 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21 |
| MAHAICONY | 6 | 08 | 81.5 | 77.5 | 30.3 | 83 | | 4.1 | 5.7 | 0 | 2 | 6 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24 |
| | | 14 | 85.2 | 78.0 | 29.5 | 71 | | 7.7 | 4.3 | 0 | 8 | 9 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 20 |
| NEW AMSTERDAM | | 08 | 81.7 | 77.8 | 30.7 | 83 | | 2.4 | 4.5 | 0 | 6 | 12 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 11 |
| NEW AMSTERDAM | | 14 | 87.2 | 79.2 | 30.5 | 69 | 1012.4 | 5.4 | 3.9 | 0 | 8 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 18 |
| TIMEHRI AIRPORT | 100 | 02 | 74.4 | 73.8 | 28.2 | 97 | 1012.8 | 0.6 | 3.5 | 3 | 10 | 12 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 26 | 3 |
| | | 08 | 78.3 | 76.2 | 30.0 | 91 | 1014.6 | 2.5 | 4.1 | 0 | 10 | 8 | 13 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 15 | 15 |
| | | 14 | 86.1 | 77.8 | 28.9 | 68 | 1011.6 | 7.3 | 6.2 | 0 | 0 | 6 | 24 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 15 | 13 |
| | | 20 | 77.4 | 75.4 | 29.2 | 91 | 1012.7 | 2.4 | 4.5 | 0 | 8 | 9 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24 | 6 |

TABLE II SUMMARY OF DAILY OBSERVATIONS AUGUST 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 12.38 | 2.35 | 13 | 23 | 11 | 4 | 87.5 | 72.2 | 79.9 | 89 | 70 | | 213.2 | | | | |
| PENAL | 8.13 | 1.61 | 11 | 16 | 9 | 1 | | 71.7 | | | 69 | | 207.5 | | | | |
| ST. AUGUSTINE UWI | 7.30 | 2.68 | 23 | 16 | 4 | 2 | 93.9 | 85.3 | 89.6 | 102 | 78 | | 173.2 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 5.99 | 1.65 | 3 | 19 | 6 | 1 | 87.1 | 74.8 | 81.0 | 93 | 72 | | 257.7 | 6 | 0 | 0 | 0 |
| LOUIS D'OR | 10.25 | 1.76 | 3 | 23 | 9 | 3 | 86.6 | 74.9 | 80.8 | 89 | 73 | | 233.7 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 9.67 | 2.15 | 3 | 24 | 7 | 2 | 84.5 | 71.0 | 77.8 | 87 | 66 | | 234.7 | | | | |
| PEARLS AIRPORT | 9.08 | 1.98 | 3 | 19 | 9 | 1 | 86.4 | 77.4 | 81.9 | 89 | 74 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 13.22 | 4.84 | 3 | 19 | 7 | 3 | 86.5 | 76.5 | 81.5 | 88 | 73 | | 296.6 | | | | |
| HUSBANDS CMI | 12.91 | 4.15 | 3 | 21 | 6 | 3 | 87.4 | 75.0 | 81.2 | 90 | 72 | | 240.9 | 1 | 0 | 0 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 20.31 | 4.43 | 29 | 25 | 13 | 5 | 87.4 | 75.2 | 81.3 | 90 | 68 | | 238.2 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 10.51 | 2.88 | 3 | 18 | 7 | 4 | 87.1 | 76.8 | 82.0 | 91 | 70 | | | 5 | 0 | 0 | 0 |
| ROSEAU WINBAN | 17.35 | 6.36 | 4 | 21 | 8 | 5 | 88.3 | 74.7 | 81.5 | 91 | 71 | | 222.6 | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 11.19 | 2.05 | 9 | 22 | 12 | 2 | 86.8 | 76.3 | 81.6 | 89 | 71 | | 228.6 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 2.76 | .67 | 18 | 15 | 3 | 0 | 88.2 | 75.9 | 82.1 | 90 | 72 | | | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS AUGUST 1980

| 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 | | | MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES | | | | THUNDER | FOG | HAIL | GALE |
| | | | | .04 | .40 | 1.00 | | | | MAX | MIN | | | | | | |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| LA GUERITE | | | | | | | 87.5 | 77.3 | 82.4 | 91 | 72 | | 243.2 | | | | |
| NATIONAL AGRIC. CORP | 4.63 | 1.57 | 4 | 11 | 3 | 1 | 91.0 | 78.7 | 84.9 | 94 | 72 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 10.85 | 1.76 | 20 | 12 | 7 | 7 | 89.0 | 77.3 | 83.2 | 91 | 73 | | 286.1 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 9.49 | 4.03 | 25 | 13 | 7 | 2 | 88.9 | 76.3 | 82.6 | 95 | 70 | 74.9 | 239.0 | 11 | 0 | 0 | 0 |
| BELMOPAN | 9.14 | 2.76 | 16 | 16 | 10 | 1 | | 72.0 | | | 69 | | 214.3 | 14 | 8 | 0 | 0 |
| BIG FALLS | 11.21 | 3.70 | 4 | 17 | 6 | 4 | 90.3 | 71.9 | 81.1 | 95 | 69 | 71.2 | 215.5 | | | | |
| CENTRAL FARM | 4.14 | 2.41 | 28 | 9 | 2 | 1 | 90.8 | 71.9 | 81.4 | 95 | 68 | | 182.7 | 6 | 20 | 0 | 0 |
| TOLEDO | 29.26 | 3.70 | 18 | 25 | 17 | 9 | 88.5 | 73.0 | 80.8 | 95 | 71 | | | | | | |
| GUYANA | | | | | | | | | | | | | | | | | |
| DAWA | 9.48 | 2.52 | 19 | 18 | 10 | 3 | 87.6 | 72.3 | 80.0 | 90 | 68 | 71.5 | | | | | |
| EBINI L.S. | 6.58 | 1.19 | 24 | 16 | 7 | 1 | 90.5 | 73.2 | 81.8 | 92 | 70 | 71.2 | 248.9 | 14 | 28 | 0 | 0 |
| GEORGETOWN B.G. | 4.98 | 1.05 | 30 | 14 | 4 | 2 | 87.9 | 75.7 | 81.8 | 90 | 72 | 72.6 | 252.3 | 8 | 1 | 0 | 0 |
| GREAT FALLS | 7.69 | 1.93 | 27 | 19 | 6 | 3 | 90.7 | 72.7 | 81.7 | 101 | 72 | | | 18 | 2 | 0 | 0 |
| ITABRU FALLS | 6.77 | 1.80 | 6 | 16 | 6 | 2 | 91.9 | 73.1 | 82.5 | 94 | 70 | 72.7 | | | | | |
| LETHEM | 4.65 | .70 | 2 | 14 | 5 | 0 | 90.9 | 72.9 | 81.9 | 94 | 71 | | 258.7 | 11 | 0 | 0 | 0 |
| MAHAICONY | 3.56 | 1.22 | 31 | 9 | 4 | 1 | 86.7 | 76.3 | 81.5 | 88 | 73 | | 274.0 | 12 | 0 | 0 | 0 |
| NEW AMSTERDAM | 5.11 | 1.58 | 6 | 10 | 5 | 1 | 88.9 | 74.0 | 81.4 | 91 | 72 | | 253.6 | 5 | 0 | 0 | 0 |
| TIMEHRI AIRPORT | 8.23 | 1.45 | 21 | 16 | 8 | 3 | 88.9 | 72.3 | 80.6 | 92 | 66 | 70.9 | 210.4 | 11 | 5 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS AUGUST 1980

| COUNTRY / STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 57 | 98 | 5.55 | .34 | 19 | | | |
| PENAL | 47 | 97 | 5.12 | .34 | 5 | | | |
| ST. AUGUSTINE UWI | 44 | 66 | 3.68 | .25 | 27 | | | |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | 65 | 166 | 6.81 | .31 | 9 | | | |
| LOUIS D'OR | 9 | 47 | 6.59 | .32 | 3 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 84 | 151 | | | | | | |
| BARBADOS | | | | | | | | |
| HUSBANDS CMI | 92 | 274 | 6.32M | .36 | 29 | 16246 | 688 | 177 |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 35 | 110 | 5.58 | .27 | 10 | 12671 | 548 | 140 |
| ST. LUCIA | | | | | | | | |
| ROSEAU WINBAN | 50 | 84 | | | | | | |
| ST. KITTS/NEVIS | | | | | | | | |
| LA GUERITE | 128 | 222 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | 85 | 300 | 7.24 | .42 | 3 | 16843 | 643 | 335 |
| BELIZE | | | | | | | | |
| BELIZE AIRPORT | 75 | 164 | 5.72 | .50 | 20 | 14486 | 649 | 264 |
| BIG FALLS | 68 | 112 | | | | | | |
| CENTRAL FARM | 32 | 110 | | | | | | |
| TOLEDO | 27 | 50 | | | | | | |
| GUYANA | | | | | | | | |
| DAWA | 59 | 107 | 5.48 | .32 | 13 | | | |
| EBINI L.S. | 59 | 84 | 6.96 | .31 | 22 | 13209 | 517 | 341 |
| GEORGETOWN B.G | 76 | 114 | 6.14 | .35 | 23 | 14670 | 561 | 114 |
| GREAT FALLS | 1 | 2 | 6.56 | .26 | 17 | | | |
| ITABRU FALLS | 21 | 31 | 5.26 | .24 | 13 | | | |
| LETHEM | 178 | 272 | 7.84 | .41 | 28 | 15799 | 630 | 347 |
| MAHAICONY | 120 | 183 | 7.46 | .35 | 23 | | | |
| NEW AMSTERDAM | 77 | 119 | | | | | | |
| TIMEHRI AIRPORT | 63 | 100 | 6.18 | .36 | 26 | | | |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS AUGUST 1980

| COUNTRY STATION | MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 5 mins | 10 mins | 15 mins | 30 mins | 1 hour | 2 hours | 6 hours | 12 hours |
| TRINIDAD | | | | | | | | |
| CENTENO | .40 | .82 | 1.00 | 1.51 | 2.17 | 2.17 | 2.35 | 2.35 |
| PENAL | .28 | .44 | .57 | .72 | .82 | .82 | .92 | 1.61 |
| PIARCO AIRPORT | .31 | .61 | .80 | 1.03 | 2.03 | 2.03 | 2.09 | 2.09 |
| ST. AUGUSTINE UWI | | .76 | .83 | 1.49 | 1.66 | 2.43 | 2.68 | 2.68 |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | .38 | .39 | .41 | .63 | .71 | 1.09 | 1.65 | 1.65 |
| LOUIS D'OR | .40 | .48 | .60 | .80 | 1.29 | 1.38 | 1.45 | 1.50 |
| BARBADOS | | | | | | | | |
| HUSBANDS CMI | .34 | .60 | .76 | 1.00 | 1.53 | 2.19 | 2.42 | 3.33 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | .45 | .58 | .70 | 1.15 | 1.68 | 1.76 | 1.76 | 1.76 |
| GUYANA | | | | | | | | |
| APAIKWA | .20 | .40 | .49 | .57 | .60 | .60 | .60 | .60 |
| DAWA | .84 | .96 | .96 | 1.00 | 1.34 | 1.99 | 2.14 | 2.33 |
| EBINI L.S. | .51 | .87 | 1.03 | 1.19 | 1.19 | 1.19 | 1.19 | 1.19 |
| GEORGETOWN B.G. | .20 | .32 | .44 | .86 | .95 | 1.04 | 1.12 | 1.29 |
| GREAT FALLS | .60 | .84 | 1.00 | 1.40 | 1.92 | 1.93 | 1.93 | 1.93 |
| ITABRU FALLS | .40 | .56 | .71 | 1.31 | 1.80 | 1.80 | 1.80 | 1.80 |
| LETHEM | .20 | .29 | .33 | .43 | .60 | .61 | .66 | .68 |
| MAHAICONY | .21 | .32 | .38 | .65 | .94 | .95 | .95 | .95 |
| TIMEHRI AIRPORT | .41 | .61 | .82 | 1.08 | 1.34 | 1.43 | 1.45 | 1.45 |

TABLE V - SUMMARY OF WINDSPEED RECORDS AUGUST 1980

| COUNTRY / STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO. OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 09 | 17 | 16 | 18 | 08 | 27 | 1505 | 18 | 0 | 0 | 0 | 3.5 |
| PIARCO AIRPORT | 08 | 14 | 15 | 5 | 06 | 27 | 1315 | 11 | 0 | 0 | 0 | 4.2 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 12 | 12 | 09 | 20 | 12 | 25 | 0815 | 30 | 0 | 0 | 0 | 4.6 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY G.C. | 2 | 26 | 09 | 6 | 4 | 42 | 0900 | 6 | 3 | 0 | 0 | 5.2 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS AUGUST 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 24 | 70 | 69 | 68 | 71 | 58 | 57 | 66 | 64 | 59 | 55 | 26 | 0 | 213.2 | 55 | 11.2 | 31 | 1 | 4 | 7 | 9 | 10 | 0 |
| PENAL | 0 | 46 | 79 | 75 | 71 | 60 | 54 | 55 | 57 | 52 | 53 | 46 | 22 | 0 | 207.5 | 54 | 11.6 | 25 | 0 | 4 | 10 | 8 | 9 | 0 |
| PIARCO AIRPORT | 0 | 32 | 69 | 66 | 62 | 64 | 49 | 48 | 55 | 56 | 52 | 46 | 22 | 2 | 192.8 | 50 | 11.0 | 22 | 0 | 9 | 8 | 4 | 10 | 0 |
| ST. AUGUSTINE UWI | 0 | 16 | 70 | 70 | 66 | 59 | 52 | 44 | 47 | 45 | 41 | 44 | 6 | 0 | 173.2 | 45 | 10.0 | 14 | 0 | 9 | 8 | 9 | 5 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 0 | 32 | 68 | 79 | 83 | 82 | 69 | 71 | 80 | 77 | 81 | 70 | 41 | 0 | 257.7 | [illegible] | 11.2 | 16 | 0 | 1 | 6 | 9 | 15 | 0 |
| LOUIS D'OR | 0 | 5 | 58 | 71 | 77 | 78 | 78 | 78 | 77 | 77 | 75 | 65 | 15 | 0 | 233.7 | 63 | 10.3 | 22 | 0 | 3 | 4 | 14 | 10 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 31 | 59 | 77 | 86 | 84 | 77 | 74 | 75 | 72 | 59 | 46 | 15 | 1 | 234.7 | 60 | 10.9 | 17 | 0 | 4 | 3 | 12 | 12 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 0 | 47 | 82 | 94 | 95 | 91 | 92 | 84 | 92 | 87 | 83 | 75 | 35 | 0 | 296.6 | 76 | 11.2 | 12 | 0 | 0 | 3 | 5 | 23 | 0 |
| HUSBANDS CMI | 0 | 35 | 76 | 86 | 86 | 85 | 76 | 65 | 67 | 64 | 63 | 55 | 20 | 0 | 240.9 | 62 | 11.0 | 18 | 1 | 2 | 5 | 9 | 14 | 0 |
| ST VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 8 | 56 | 79 | 84 | 89 | 84 | 84 | 79 | 67 | 54 | 58 | 27 | 0 | 238.2 | 61 | 10.9 | 15 | 1 | 1 | 4 | 15 | 10 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 0 | 33 | 68 | 77 | 76 | 73 | 69 | 72 | 70 | 74 | 59 | 52 | 14 | 0 | 228.6 | 58 | 11.3 | 19 | 1 | 5 | 2 | 8 | 14 | 0 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 0 | 25 | 64 | 78 | 79 | 78 | 76 | 79 | 79 | 73 | 70 | 62 | 23 | 0 | 243.2 | 62 | 11.6 | 22 | 1 | 4 | 2 | 10 | 14 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS AUGUST 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 1 | 47 | 80 | 87 | 89 | 90 | 89 | 88 | 81 | 76 | 73 | 71 | 51 | 0 | 286.1 | 72 | 11.8 | 24 | 2 | 0 | 2 | 6 | 21 | 0 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 0 | 23 | 68 | 71 | 70 | 72 | 69 | 72 | 77 | 72 | 72 | 66 | 39 | 0 | 239.0 | 61 | 11.2 | 19 | 0 | 2 | 6 | 11 | 12 | 0 |
| BELMOPAN | 0 | 17 | 36 | 57 | 70 | 74 | 66 | 67 | 66 | 69 | 70 | 68 | 31 | 0 | 214.3 | 54 | 11.8 | 7 | 0 | 3 | 7 | 15 | 6 | 0 |
| BIG FALLS | 0 | 15 | 41 | 61 | 69 | 69 | 74 | 76 | 65 | 69 | 64 | 55 | 38 | 0 | 215.5 | 55 | 11.8 | 7 | 0 | 2 | 11 | 6 | 12 | 0 |
| CENTRAL FARM | 0 | 3 | 23 | 47 | 56 | 66 | 64 | 65 | 61 | 58 | 60 | 57 | 28 | 0 | 182.7 | 46 | 10.7 | 7 | 0 | 6 | 8 | 14 | 3 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 0 | 24 | 58 | 73 | 83 | 93 | 94 | 86 | 80 | 77 | 68 | 50 | 18 | 0 | 248.9 | 65 | 10.5 | 25 | 0 | 0 | 2 | 21 | 8 | 0 |
| FRIENDSHIP | 0 | 15 | 56 | 73 | 86 | 84 | 77 | 76 | 81 | 71 | 65 | 63 | 32 | 0 | 241.7 | 63 | 11.1 | 22 | 0 | 0 | 6 | 15 | 10 | 0 |
| GEORGETOWN B.G. | 0 | 6 | 45 | 64 | 72 | 80 | 79 | 88 | 89 | 89 | 89 | 78 | 34 | 0 | 252.3 | 66 | 10.7 | 22 | 0 | 2 | 3 | 12 | 14 | 0 |
| ANNA REGINA | 0 | 23 | 67 | 71 | 79 | 82 | 80 | 84 | 88 | 81 | 84 | 80 | 41 | 0 | 266.8 | 70 | 11.1 | 22 | 0 | 1 | 4 | 10 | 16 | 0 |
| LETHEM | 0 | 28 | 61 | 76 | 82 | 88 | 88 | 83 | 80 | 76 | 73 | 65 | 35 | 0 | 258.7 | 68 | 11.3 | 21 | 0 | 0 | 4 | 16 | 11 | 0 |
| MAHAICONY | 0 | 26 | 62 | 72 | 83 | 84 | 85 | 83 | 87 | 89 | 92 | 79 | 43 | 0 | 274.0 | 72 | 11.5 | 22 | 0 | 0 | 3 | 9 | 18 | 0 |
| MON REPOS | 0 | 24 | 59 | 72 | 78 | 84 | 86 | 92 | 91 | 91 | 92 | 78 | 33 | 0 | 272.5 | 71 | 11.2 | 22 | 0 | 1 | 3 | 7 | 20 | 0 |
| NEW AMSTERDAM | 0 | 20 | 68 | 70 | 79 | 82 | 77 | 81 | 85 | 88 | 85 | 69 | 13 | 0 | 253.6 | 66 | 10.7 | 22 | 0 | 1 | 3 | 13 | 14 | 0 |
| TIMEHRI AIRPORT | 0 | 23 | 68 | 77 | 79 | 68 | 58 | 56 | 66 | 56 | 55 | 50 | 21 | 0 | 210.4 | 55 | 11.0 | 25 | 0 | 4 | 6 | 16 | 5 | 0 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 80.3 | 77.4 | 30.9 | 88 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 81.4 | 78.2 | 31.5 | 86 | | | | | | | | | | | | | | | | | |
| PIARCO AIRPORT | 41 | 02 | 75.8 | 74.8 | 29.1 | 96 | 1012.0 | 0.3 | 4.1 | 0 | 7 | 12 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 18 |
| | | 08 | 80.6 | 76.5 | 30.9 | 87 | 1013.7 | 3.0 | 4.8 | 0 | 8 | 4 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| | | 14 | 87.7 | 78.6 | 29.4 | 66 | 1011.5 | 7.0 | 6.1 | 0 | 0 | 10 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | 17 |
| PIARCO AIRPORT | 41 | 20 | 79.0 | 76.6 | 30.3 | 89 | 1012.4 | 2.1 | 5.3 | 0 | 2 | 12 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 19 |
| ST. AUGUSTINE UWI | 52 | 09 | 83.7 | 78.1 | 30.5 | 77 | | 4.4 | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | | 08 | 83.0 | 78.2 | 30.6 | 80 | 1013.8 | 5.7 | 5.2 | 0 | 3 | 7 | 10 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 6 | 14 |
| | | 14 | 85.8 | 79.5 | 31.6 | 75 | 1011.8 | 6.2 | 5.7 | 0 | 2 | 7 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 15 |
| | | 20 | 79.7 | 76.5 | 29.5 | 85 | 1012.6 | 3.2 | 5.3 | 0 | 4 | 3 | 15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 18 |
| LOUIS D'OR | 40 | 08 | 84.4 | 78.8 | 31.2 | 77 | | 0.2 | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 81.8 | 77.2 | 29.8 | 80 | | | 5.8 | 0 | 0 | 14 | 13 | 3 | 0 | | | | | | | | |
| PEARLS AIRPORT | 22 | 08 | 83.5 | 78.6 | 31.3 | 80 | 1013.7 | 4.4 | 4.4 | 0 | 6 | 15 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 19 |
| | | 14 | 85.8 | 79.8 | 32.1 | 76 | 1011.9 | 5.7 | 4.3 | 0 | 9 | 9 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 22 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 183 | 02 | 78.5 | 75.7 | 29.3 | 88 | 1012.7 | 6.2 | 4.6 | 0 | 4 | 14 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 08 | 82.3 | 77.7 | 30.4 | 81 | 1014.3 | 8.5 | 5.4 | 0 | 3 | 11 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 29 |
| | | 14 | 84.9 | 78.7 | 30.6 | 75 | 1012.6 | 9.2 | 5.4 | 0 | 3 | 10 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 20 | 80.1 | 76.4 | 29.5 | 84 | 1013.6 | 6.6 | 4.9 | 0 | 3 | 15 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| GIBBONS BOGGS | | 09 | 85.7 | 79.9 | 32.0 | 76 | | | | | | | | | | | | | | | | | |
| HUSBANDS CMI | 370 | 08 | 81.1 | 77.3 | 30.2 | 84 | 1014.5 | 5.5 | 5.2 | 0 | 2 | 12 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 28 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08. | 83.2 | 77.3 | 29.3 | 76 | | | | | | | | | | | | | | | | | |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 21 | 08 | 83.9 | 78.3 | 30.5 | 77 | 1013.3 | 8.7 | 4.9 | 0 | 5 | 11 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 14 | 86.0 | 79.3 | 31.2 | 73 | 1011.9 | 9.0 | 5.3 | 0 | 4 | 10 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 28 |
| ROSEAU WINBAN | | 09 | 85.0 | 78.3 | 30.0 | 73 | | | | | | | | | | | | | | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | | 08 | 82.4 | 78.0 | 30.8 | 82 | 1014.5 | 7.4 | 4.6 | 0 | 3 | 17 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 16 |
| | | 14 | 85.9 | 79.5 | 31.6 | 75 | 1013.3 | 7.9 | 5.6 | 0 | 2 | 10 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 19 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 26 | 02 | 80.2 | 76.9 | 30.0 | 85 | 1013.5 | 8.2 | 3.7 | 0 | 4 | 21 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 08 | 83.2 | 78.3 | 30.8 | 80 | 1014.5 | 9.2 | 4.4 | 0 | 5 | 15 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 14 | 86.5 | 79.0 | 30.6 | 71 | 1013.4 | 11.0 | 5.1 | 0 | 1 | 16 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 28 |
| | | 20 | 81.6 | 77.4 | 30.3 | 82 | 1014.1 | 8.5 | 4.0 | 0 | 10 | 10 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK AIRPORT | | 08 | 82.7 | 77.5 | 29.8 | 78 | 1015.7 | 10.2 | 4.7 | 0 | 2 | 18 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 14 | 86.6 | 78.5 | 29.6 | 68 | 1014.4 | 12.0 | 4.7 | 0 | 2 | 18 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| LA GUERITE | 158 | 09 | 84.7 | 78.3 | 30.7 | 76 | | | | | | | | | | | | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C | | 09 | 85.1 | 79.6 | 32.1 | 78 | | 6.3 | 2.9 | 1 | 17 | 6 | 2 | 4 | 0 | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 17 | 00 | 79.6 | 77.2 | 30.9 | 90 | 1011.7 | 3.7 | 4.8 | 1 | 5 | 10 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 26 |
| | | 06 | 77.0 | 75.9 | 30.1 | 95 | 1011.0 | 2.6 | 6.1 | 0 | 1 | 7 | 19 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 23 |
| | | 12 | 85.3 | 79.1 | 31.2 | 75 | 1011.7 | 8.2 | 6.2 | 0 | 1 | 5 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 26 |
| | | 18 | 81.8 | 77.9 | 31.0 | 84 | 1010.3 | 5.3 | 5.8 | 0 | 3 | 6 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 27 |
| BELMOPAN | | 06 | 74.8 | 73.4 | 27.4 | 93 | 1010.8 | | 6.6 | 0 | 0 | 5 | 17 | 3 | 3 | 2 | 2 | 0 | 1 | 0 | 4 | 11 | 8 |
| | | 12 | 86.7 | 79.1 | 30.6 | 70 | 1010.6 | | 6.2 | 0 | 1 | 7 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | 25 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| DAWA | | 08 | 80.6 | 77.5 | 30.8 | 86 | | | | | | | | | | | | | | | | | |
| | | 14 | 87.4 | 78.6 | 29.5 | 66 | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 94 | 08 | 79.5 | 76.3 | 29.6 | 86 | 1014.0 | 2.9 | 4.7 | 0 | 4 | 14 | 12 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 20 | 9 |
| | | 14 | 90.0 | 77.8 | 27.1 | 56 | 1010.5 | 4.8 | 4.8 | 0 | 1 | 20 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 20 |
| GEORGETOWN B.G. | 7 | 08 | 82.7 | 77.9 | 30.6 | 80 | 1013.5 | 4.1 | 5.1 | 0 | 1 | 15 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 13 |
| GEORGETOWN B.G. | 7 | 14 | 86.0 | 78.0 | 29.1 | 69 | 1011.7 | 7.6 | 4.2 | 0 | 9 | 13 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 16 |
| GREAT FALLS | | 08 | 77.5 | 75.5 | 29.3 | 91 | | | | | | | | | | | | | | | | | |
| | | 14 | 87.9 | 80.1 | 31.6 | 70 | | | | | | | | | | | | | | | | | |
| ITABRU FALLS | | 08 | 78.9 | 76.4 | 29.9 | 89 | | | | | | | | | | | | | | | | | |
| | | 14 | 91.1 | 80.2 | 30.5 | 61 | | | | | | | | | | | | | | | | | |
| LETHEM | 326 | 08 | 80.7 | 75.7 | 28.2 | 79 | 1014.9 | | | | | | | | | | | | | | | | |
| | | 14 | 89.0 | 77.0 | 26.4 | 57 | 1011.9 | | | | | | | | | | | | | | | | |
| MAHAICONY | 6 | 08 | 82.4 | 77.6 | 30.2 | 80 | | 4.9 | 5.3 | 0 | 0 | 17 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 27 |
| | | 14 | 86.1 | 78.3 | 29.6 | 70 | | 8.2 | 3.6 | 0 | 13 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 18 |
| NEW AMSTERDAM | | 08 | 83.5 | 78.0 | 30.3 | 77 | 1013.8 | 3.7 | 4.0 | 0 | 5 | 21 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 20 |
| NEW AMSTERDAM | | 14 | 88.9 | 79.4 | 30.1 | 65 | 1011.7 | 6.8 | 3.7 | 0 | 10 | 12 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 20 |
| TIMEHRI AIRPORT | 100 | 02 | 74.4 | 73.9 | 28.3 | 97 | 1011.8 | 0.8 | 3.0 | 3 | 13 | 9 | 4 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 5 | 22 | 0 |
| | | 08 | 79.9 | 77.2 | 30.6 | 88 | 1013.6 | 3.1 | 3.5 | 0 | 15 | 6 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 16 |
| | | 14 | 85.8 | 77.5 | 28.8 | 68 | 1010.6 | 7.4 | 5.4 | 0 | 3 | 8 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19 | 10 |
| | | 20 | 77.7 | 75.8 | 29.6 | 91 | 1012.0 | 2.4 | 4.6 | 0 | 6 | 11 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 2 |

TABLE II SUMMARY OF DAILY OBSERVATIONS SEPTEMBER 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 4.13 | 1.44 | 15 | 11 | 4 | 1 | 88.5 | 72.1 | 80.3 | 91 | 68 | | 207.1 | | | | |
| PENAL | 7.66 | 1.71 | 17 | 18 | 10 | 1 | | 71.1 | | | 70 | | 184.9 | | | | |
| PIARCO AIRPORT | 4.01 | .96 | 7 | 4 | 4 | 0 | 90.5 | 73.9 | 82.2 | 93 | 68 | 71.8 | 193.6 | 6 | 0 | 0 | 0 |
| ST. AUGUSTINE UWI | 4.24 | 1.07 | 6 | 12 | 5 | 2 | 94.1 | 82.3 | 88.2 | 104 | 76 | | 182.2 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 10.78 | 3.12 | 26 | 12 | 7 | 3 | | | | | | | 246.1 | 3 | 0 | 0 | 0 |
| LOUIS D'OR | 4.22 | .93 | 12 | 16 | 4 | 0 | 87.0 | 74.9 | 80.9 | 89 | 72 | | 234.3 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 7.77 | 1.33 | 17 | 19 | 8 | 1 | | 71.2 | | | 65 | | 226.4 | | | | |
| PEARLS AIRPORT | 5.94 | 1.37 | 17 | 16 | 6 | 2 | 87.2 | 76.8 | 82.0 | 89 | 74 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 3.33 | .91 | 7 | 13 | 3 | 0 | 86.9 | 75.4 | 81.2 | 88 | 72 | | 267.5 | | | | |
| GIBBONS BOGGS | 2.62 | .77 | 7 | 16 | 1 | 0 | | 69.2 | | | 65 | | 234.4 | | | | |
| HUSBANDS CMI | 4.12 | 1.59 | 7 | 15 | 3 | 1 | | 74.6 | | | 72 | | 239.9 | 1 | 0 | 0 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 7.99 | 1.87 | 26 | 20 | 5 | 3 | 88.8 | 74.6 | 81.7 | 91 | 72 | | 239.8 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 4.57 | .84 | 26 | 15 | 6 | 0 | 87.2 | 77.7 | 82.4 | 89 | 73 | | | 5 | 0 | 0 | 0 |
| ROSEAU WINBAN | 11.10 | 1.83 | 26 | 25 | 10 | 2 | 88.3 | 73.4 | 80.8 | 91 | 69 | | 200.6 | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 9.52 | 1.47 | 26 | 25 | 7 | 3 | 87.1 | 75.2 | 81.2 | 89 | 72 | | 238.3 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 3.05 | .59 | 15 | 15 | 2 | 0 | 88.4 | 74.6 | 81.5 | 89 | 70 | | | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS SEPTEMBER 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| LA GUERITE | | | | | | | 89.4 | 74.8 | 83.1 | 92 | 74 | | 245.8 | | | | |
| NATIONAL AGRIC.CORP. | 3.10 | .77 | 8 | 17 | 2 | 0 | 92.7 | 77.6 | 85.2 | 95 | 74 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 3.69 | 1.70 | 11 | 7 | 3 | 2 | 89.0 | 77.4 | 83.2 | 91 | 72 | | 206.1 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 21.17 | 9.01 | 21 | 20 | 6 | 4 | 88.1 | 75.6 | 81.9 | 90 | 72 | 75.1 | 171.5 | 11 | 0 | 0 | 0 |
| DELMOPAN | 12.57 | 4.33 | 23 | 15 | 8 | 4 | | 72.7 | | | 71 | | 155.3 | | | | |
| BIG FALLS RANCH | 14.41 | 5.95 | 21 | 19 | 7 | 4 | 88.9 | 72.1 | 80.5 | 92 | 69 | 71.7 | 177.5 | | | | |
| CENTRAL FARM | 8.76 | 4.06 | 22 | 11 | 5 | 3 | 90.7 | 72.5 | 81.6 | 96 | 69 | | 148.4 | 1 | 17 | 0 | 0 |
| TOLEDO | 18.81 | 2.50 | 18 | 25 | 15 | 7 | 88.7 | | | 91 | | | 163.7 | | | | |
| GUYANA | | | | | | | | | | | | | | | | | |
| DAWA | 1.44 | .45 | 14 | 6 | 1 | 0 | 89.3 | 72.0 | 80.7 | 92 | 69 | 71.3 | | | | | |
| EBINI L.S. | 9.38 | 3.61 | 2 | 11 | 5 | 3 | 91.8 | 73.2 | 82.5 | 94 | 71 | 71.1 | 253.7 | 11 | 30 | 0 | 0 |
| GEOREGETOWN B.G. | 2.17 | 0.60 | 23 | 6 | 2 | 0 | 88.7 | 76.8 | 82.7 | 92 | 74 | 72.4 | 235.5 | 11 | 0 | 0 | 0 |
| GREAT FALLS | 4.35 | 1.62 | 6 | 10 | 4 | 2 | 90.2 | 71.5 | 80.8 | 94 | 68 | | | 10 | 2 | 0 | 0 |
| ITABRU FALLS | 1.66 | .53 | 2 | 7 | 2 | 0 | | 73.5 | | | 72 | 72.5 | | 8 | 0 | 0 | 0 |
| LETHEM | 2.67 | 1.23 | 11 | 5 | 2 | 2 | 93.8 | 73.9 | 83.9 | 96 | 72 | | | | | | |
| MAHAICONY | 1.35 | .42 | 3 | 9 | 2 | 0 | 87.4 | 76.6 | 82.0 | 89 | 73 | | 250.6 | 9 | 0 | 0 | 0 |
| NEW AMSTERDAM | 1.63 | .80 | 2 | 6 | 1 | 0 | 91.8 | 73.9 | 82.8 | 94 | 72 | | 255.2 | 5 | 0 | 0 | 0 |
| TIMEHRI AIRPORT | 4.08 | 1.22 | 5 | 10 | 3 | 1 | 90.0 | 72.4 | 81.2 | 93 | 71 | 70.8 | 200.7 | 13 | 14 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS SEPTEMBER 1980

| COUNTRY / STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 52 | 69 | 5.46 | .32 | 15 | | | |
| PENAL | 39 | 66 | 4.83 | .30 | 9 | | | |
| PIARCO AIRPORT | 51 | 70 | | | | | | |
| ST. AUGUSTINE UWI | 44 | 83 | 4.14 | .32 | 30 | | | |
| TOBAGO | | | | | | | | |
| LOUIS D'OR | 6 | 20 | 6.16 | .28 | 11 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 73 | 118 | | | | | | |
| BARBADOS | | | | | | | | |
| GIBBONS BOGGS | 97 | 147 | | | | | | |
| HUSBANDS CMI | 70 | 99 | 5.76 | .32 | 14 | 15672 | 691 | 211 |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 25 | 57 | 5.40 | .28 | 3 | 11809 | 540 | 118 |
| ST. LUCIA | | | | | | | | |
| ROSEAU WINBAN | 27 | 73 | | | | | | |
| ST. KITTS/NEVIS | | | | | | | | |
| LA GUERITE | 100 | 182 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY | 72 | 183 | 5.55 | .30 | 20 | 13915 | 632 | 177 |
| BELIZE | | | | | | | | |
| BELIZE AIRPORT | 66 | 181 | | | | 11728 | 561 | 141 |
| BIG FALLS RANCH | 64 | 132 | | | | | | |
| CENTRAL FARM | 29 | 93 | | | | | | |
| TOLEDO | 21 | 61 | | | | | | |
| GUYANA | | | | | | | | |
| DAWA | 61 | 103 | 5.81 | .28 | 30 | | | |
| EBINI L.S. | 60 | 90 | 7.47 | .36 | 30 | | | |
| GEORGETOWN B.G. | 84 | 122 | 6.72 | .42 | 16 | 14643 | 578 | 237 |
| GREAT FALLS | 1 | 1 | 4.27 | .28 | 1 | | | |
| ITABRU FALLS | 20 | 28 | 5.35 | .30 | 7 | | | |
| LETHEM | 203 | 296 | 8.33 | .45 | 16 | 17064 | 642 | 429 |
| MAHAICONY | 130 | 198 | 7.44 | .32 | 8 | | | |
| NEW AMSTERDAM | 88 | 158 | 6.79 | .33 | 24 | | | |
| TIMEHRI AIRPORT | 61 | 124 | 5.83 | .32 | 5 | 12350 | 547 | 243 |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS SEPTEMBER 1980

| COUNTRY STATION | MAXIMUM AMOUNTS (inches) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 5 mins | 10 mins | 15 mins | 30 mins | 1 hour | 2 hours | 6 hours | 12 hours |
| TRINIDAD | | | | | | | | |
| CENTENO | .36 | .40 | .44 | .54 | .81 | 1.03 | 1.26 | 1.28 |
| PENAL | .32 | .48 | .66 | 1.16 | 1.68 | 1.71 | 1.71 | 1.71 |
| PIARCO AIRPORT | .23 | .43 | .47 | .54 | .61 | .73 | .94 | .96 |
| ST. AUGUSTINE UWI | | .34 | .40 | .66 | .76 | .96 | 1.00 | 1.07 |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | .69 | .80 | .95 | 1.16 | 1.69 | 1.83 | 2.53 | 2.55 |
| LOUIS D'OR | .20 | .37 | .47 | .51 | .78 | .78 | .78 | .93 |
| BARBADOS | | | | | | | | |
| GIBBONS BOGGS | .36 | .40 | .45 | .67 | .67 | .76 | 1.07 | 1.13 |
| HUSBANDS CMI | .16 | .23 | .35 | .37 | .42 | .56 | 1.11 | 1.45 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | .30 | .50 | .56 | .82 | .95 | 1.22 | 1.70 | 1.70 |
| GUYANA | | | | | | | | |
| APAIKWA | .43 | .68 | .88 | 1.20 | 1.24 | 1.24 | 1.44 | 1.96 |
| DAWA | .32 | .36 | .43 | .45 | .45 | .45 | .45 | .45 |
| EBINI L.S. | .32 | .62 | .84 | 1.31 | 1.90 | 2.19 | 3.55 | 3.60 |
| GEORGETOWN B.G. | .20 | .30 | .48 | .50 | .52 | .60 | .60 | .60 |
| GREAT FALLS | .41 | .60 | .72 | 1.12 | 1.48 | 1.57 | 1.62 | 1.62 |
| ITABRU FALLS | .16 | .20 | .27 | .31 | .32 | .39 | .44 | .53 |
| LETHEM | .40 | .64 | .92 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 |
| MAHAICONY | .25 | .30 | .32 | .38 | .42 | .42 | .48 | .48 |
| NEW AMSTERDAM | .24 | .31 | .31 | .31 | .46 | .70 | .80 | .80 |
| TIMEHRI AIRPORT | .33 | .60 | .65 | .74 | .87 | .87 | 1.22 | 1.22 |

TABLE V - SUMMARY OF WINDSPEED RECORDS SEPTEMBER 1980

| COUNTRY STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 10 | 18 | 12 | 6 | 10 | 28 | 0915 | 8 | 0 | 0 | 0 | 3.2 |
| PIARCO AIRPORT | 08 | 13 | 12 | 6 | 07 | 26 | 1120 | 6 | 0 | 0 | 0 | 3.9 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 14 | 14 | 14 | 8 | 16 | 21 | 1920 | 8 | 0 | 0 | 0 | 4.6 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 08 | 22 | 11 | 18 | 07 | 37 | 0440 | 22 | 1 | 0 | 0 | 5.8 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY G.C. | 06 | 16 | 16 | 20 | 09 | 42 | 1515 | 20 | 2 | 0 | 0 | 4.9 |
| GUYANA | | | | | | | | | | | | |
| TIMEHRI AIRPORT | 07 | 11 | 17 | 15 | 33 | 24 | 1325 | 5 | 0 | 0 | 0 | 3.8 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS SEPTEMBER 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 24 | 68 | 76 | 76 | 75 | 70 | 64 | 71 | 58 | 50 | 46 | 13 | 0 | 207.1 | 57 | 11.1 | 9 | 0 | 4 | 7 | 11 | 8 | 0 |
| PENAL | 0 | 29 | 74 | 70 | 78 | 71 | 59 | 58 | 58 | 40 | 37 | 35 | 9 | 0 | 184.9 | 51 | 10.8 | 9 | 0 | 4 | 10 | 12 | 4 | 0 |
| PIARCO AIRPORT | 0 | 28 | 65 | 77 | 73 | 73 | 68 | 58 | 66 | 51 | 43 | 35 | 7 | 0 | 193.6 | 53 | 10.6 | 9 | 0 | 4 | 8 | 13 | 5 | 0 |
| ST. AUGUSTINE UWI | 0 | 10 | 69 | 73 | 68 | 69 | 71 | 63 | 59 | 50 | 47 | 26 | 0 | 0 | 182.2 | 50 | 10.3 | 9 | 0 | 5 | 9 | 13 | 3 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 0 | 32 | 78 | 84 | 82 | 77 | 74 | 78 | 80 | 83 | 71 | 62 | 20 | 0 | 246.1 | 67 | 11.4 | 1 | 0 | 0 | 6 | 8 | 16 | 0 |
| LOUIS D'OR | 0 | 4 | 69 | 79 | 82 | 85 | 83 | 84 | 85 | 81 | 75 | 50 | 4 | 0 | 234.3 | 64 | 10.1 | 24 | 0 | 2 | 4 | 12 | 12 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 23 | 66 | 69 | 79 | 85 | 85 | 85 | 81 | 76 | 52 | 41 | 12 | 0 | 226.4 | 62 | 10.5 | 10 | 0 | 2 | 4 | 16 | 8 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 0 | 25 | 68 | 78 | 86 | 90 | 89 | 85 | 88 | 88 | 85 | 75 | 35 | 0 | 267.5 | 73 | 11.6 | 3 | 0 | 2 | 2 | 7 | 19 | 0 |
| GIBBONS BOGGS | 0 | 13 | 57 | 74 | 80 | 88 | 86 | 80 | 79 | 75 | 71 | 63 | 16 | 0 | 234.4 | 64 | 10.9 | 3 | 1 | 3 | 4 | 3 | 19 | 0 |
| HUSBANDS CMI | 0 | 34 | 67 | 80 | 81 | 85 | 76 | 77 | 72 | 66 | 71 | 64 | 27 | 0 | 239.9 | 65 | 11.5 | 3 | 0 | 3 | 4 | 6 | 17 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 12 | 65 | 79 | 86 | 88 | 86 | 72 | 79 | 78 | 75 | 57 | 23 | 0 | 239.8 | 65 | 10.8 | 20 | 0 | 2 | 4 | 12 | 12 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 0 | 19 | 64 | 77 | 74 | 79 | 84 | 76 | 81 | 78 | 76 | 68 | 20 | 0 | 238.3 | 65 | 10.7 | 2 | 1 | 2 | 2 | 12 | 12 | 0 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 0 | 14 | 60 | 80 | 83 | 85 | 89 | 88 | 82 | 82 | 74 | 62 | 21 | 0 | 245.8 | 67 | 11.0 | 7 | 0 | 3 | 3 | 9 | 15 | 0 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 0 | 21 | 69 | 77 | 77 | 71 | 73 | 71 | 56 | 51 | 51 | 51 | 20 | 0 | 206.1 | 56 | 11.3 | 3 | 1 | 5 | 3 | 10 | 11 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS SEPTEMBER 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 0 | 9 | 42 | 59 | 63 | 61 | 61 | 57 | 52 | 57 | 49 | 44 | 12 | 1 | 171.5 | 46 | 9.7 | 1 | 1 | 7 | 8 | 8 | 6 | 0 |
| BELMOPAN | 0 | 6 | 18 | 48 | 56 | 69 | 64 | 67 | 67 | 54 | 42 | 25 | 8 | 0 | 155.3 | 42 | 10.1 | 28 | 1 | 6 | 12 | 6 | 4 | 0 |
| BIG FALLS RANCH | 0 | 4 | 33 | 49 | 65 | 62 | 68 | 68 | 58 | 63 | 65 | 48 | 9 | 0 | 177.5 | 48 | 10.4 | 3 | 0 | 3 | 12 | 8 | 5 | 0 |
| CENTRAL FARM | 0 | 1 | 12 | 32 | 51 | 61 | 67 | 73 | 66 | 52 | 42 | 27 | 9 | 0 | 148.4 | 40 | 8.6 | 4 | 1 | 4 | 16 | 9 | 0 | 0 |
| TOLEDO | 0 | 6 | 30 | 41 | 43 | 56 | 59 | 62 | 64 | 73 | 64 | 42 | 6 | 0 | 163.7 | 45 | 10.2 | 20 | 0 | 7 | 11 | 10 | 2 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 0 | 18 | 68 | 78 | 92 | 94 | 91 | 92 | 94 | 88 | 64 | 50 | 18 | 0 | 253.7 | 69 | 11.1 | 9 | 0 | 1 | 3 | 12 | 14 | 0 |
| FRIENDSHIP | 0 | 15 | 73 | 91 | 95 | 93 | 91 | 89 | 79 | 76 | 66 | 56 | 19 | 0 | [illegible] | 49 | 10.7 | 30 | 0 | 0 | 3 | 11 | 13 | 0 |
| GEORGETOWN B.G. | 0 | 26 | 75 | 80 | 78 | 78 | 82 | 86 | 76 | 71 | 63 | 53 | 17 | 0 | 235.5 | 65 | 11.0 | 6 | 0 | 4 | 3 | 8 | 15 | 0 |
| MAHAICONY | 0 | 16 | 66 | 74 | 84 | 91 | 88 | 88 | 89 | 81 | 73 | 65 | 20 | 0 | 250.6 | 69 | 10.9 | 18 | 0 | 1 | 5 | 10 | 14 | 0 |
| MAZARUNI | 0 | 2 | 22 | 41 | 71 | 85 | 67 | 49 | 26 | 17 | 18 | 7 | 2 | 0 | 122.2 | 34 | 7.8 | 9 | 0 | 9 | 16 | 5 | 0 | 0 |
| MON REPOS | 0 | 14 | 66 | 85 | 85 | 88 | 90 | 87 | 78 | 73 | 69 | 59 | 20 | 0 | 244.2 | 67 | 10.7 | 9 | 0 | 1 | 6 | 7 | 14 | 0 |
| NEW AMSTERDAM | 0 | 16 | 73 | 83 | 86 | 87 | 86 | 82 | 86 | 83 | 81 | 68 | 20 | 0 | 255.2 | 70 | 10.7 | 30 | 0 | 2 | 2 | 7 | 19 | 0 |
| SKELDON FRONT | 0 | 29 | 77 | 84 | 99 | 99 | 93 | 82 | 82 | 81 | 74 | 65 | 19 | 0 | 265.4 | 73 | 11.0 | 30 | 0 | 0 | 2 | 10 | 16 | 0 |
| TIMEHRI AIRPORT | 0 | 20 | 75 | 84 | 84 | 80 | 69 | 62 | 55 | 51 | 39 | 39 | 10 | 0 | 200.7 | 55 | 10.8 | 9 | 0 | 2 | 13 | 8 | 7 | 0 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 79.6 | 77.2 | 30.8 | 89 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 80.2 | 77.1 | 30.4 | 87 | | | | | | | | | | | | | | | | | |
| ST. AUGUSTINE UWI | 52 | 09 | 83.6 | 78.5 | 31.1 | 79 | | 5.5 | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | | 08 | 82.0 | 77.9 | 30.8 | 83 | 1014.1 | 6.0 | 6.2 | 0 | 2 | 5 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 13 | 12 |
| | | 14 | 82.9 | 77.7 | 30.3 | 79 | 1012.1 | 8.2 | 6.3 | 0 | 1 | 6 | 16 | 7 | 0 | 0 | 0 | 1 | 0 | 1 | 4 | 14 | 10 |
| | | 20 | 78.8 | 75.7 | 29.2 | 87 | 1013.1 | 3.3 | 6.0 | 0 | 4 | 4 | 18 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 9 | 20 |
| LOUIS D'OR | 40 | 08 | 83.5 | 78.3 | 30.5 | 78 | | 0.3 | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 80.4 | 76.8 | 29.8 | 84 | | | 6.5 | 0 | 0 | 5 | 19 | 7 | 6 | | | | | | | | |
| PEARLS AIRPORT | 22 | 08 | 82.4 | 78.1 | 31.0 | 82 | 1014.4 | 7.1 | 5.6 | 0 | 3 | 6 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1[illegible] | [illegible] |
| | | 14 | 84.2 | 79.3 | 31.8 | 79 | 1012.2 | 7.3 | 5.3 | 0 | 1 | 11 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 13 | 7 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 183 | 02 | 78.8 | 75.9 | 29.2 | 87 | 1012.8 | 7.8 | 5.2 | 0 | 4 | 11 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 08 | 81.5 | 77.0 | 29.8 | 81 | 1014.9 | 10.0 | 5.5 | 0 | 0 | 15 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| | | 14 | 84.0 | 77.9 | 30.0 | 76 | 1012.8 | 10.8 | 6.2 | 0 | 0 | 9 | 19 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 20 | 80.1 | 76.5 | 29.5 | 84 | 1014.1 | 8.5 | 5.9 | 0 | 1 | 11 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| GIBBONS BOGGS | | 09 | 83.6 | 78.6 | 31.3 | 80 | | | | | | | | | | | | | | | | | |
| HUSBANDS CMI | 370 | 08 | 80.6 | 76.5 | 29.4 | 82 | 1015.2 | 6.8 | 5.3 | 0 | 1 | 17 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08 | 82.6 | 77.1 | 29.3 | 77 | | | | | | | | | | | | | | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 21 | 08 | 83.9 | 78.1 | 30.2 | 76 | 1014.0 | 10.4 | 5.4 | 0 | 2 | 12 | 16 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 14 | 86.0 | 78.9 | 30.6 | 72 | 1012.2 | 10.6 | 5.7 | 0 | 4 | 4 | 22 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1983

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | | 08 | 82.2 | 77.7 | 30.4 | 81 | 1015.2 | 8.2 | 5.2 | 0 | 0 | 19 | 8 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 17 | 11 |
| | | 14 | 85.1 | 78.6 | 30.4 | 74 | 1013.5 | 9.0 | 5.5 | 0 | 1 | 13 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 | 20 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 26 | 02 | 79.2 | 76.1 | 29.5 | 86 | 1013.7 | 6.4 | 3.4 | 2 | 9 | 15 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 30 |
| | | 08 | 82.4 | 77.5 | 30.3 | 80 | 1015.1 | 9.1 | 4.3 | 0 | 7 | 13 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 85.6 | 78.8 | 30.6 | 73 | 1013.5 | 11.6 | 5.4 | 0 | 1 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 20 | 81.1 | 77.0 | 29.9 | 82 | 1014.5 | 7.9 | 4.0 | 1 | 6 | 14 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| ST KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK AIRPORT | | 08 | 82.6 | 76.7 | 28.7 | 76 | 1016.2 | 9.4 | 4.7 | 0 | 2 | 17 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 85.8 | 78.1 | 29.4 | 70 | 1014.4 | 10.7 | 5.0 | 0 | 2 | 11 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 27 |
| LA GUERITE | 158 | 09 | 84.0 | 77.8 | 30.2 | 76 | | | | | | | | | | | | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | | 09 | 84.5 | 79.5 | 32.2 | 80 | | 5.3 | 2.7 | 0 | 19 | 9 | 0 | 3 | 0 | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 17 | 00 | 76.9 | 75.7 | 29.9 | 95 | 1013.1 | 2.7 | 4.4 | 1 | 11 | 7 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 23 |
| | | 06 | 75.1 | 74.6 | 29.0 | 98 | 1013.1 | 2.5 | 6.4 | 0 | 1 | 6 | 14 | 9 | 1 | 1 | 0 | 0 | 2 | 0 | 2 | 12 | 14 |
| | | 12 | 83.9 | 78.0 | 30.3 | 76 | 1013.1 | 8.4 | 6.1 | 0 | 0 | 9 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 25 |
| | | 18 | 79.3 | 76.7 | 30.2 | 88 | 1011.9 | 3.4 | 5.5 | 0 | 4 | 9 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 22 |
| BELMOPAN | | 06 | 73.0 | 72.2 | 26.7 | 96 | 1014.1 | | 7.6 | 0 | 0 | 0 | 15 | 9 | 7 | 6 | 1 | 0 | 0 | 0 | 3 | 18 | 3 |
| | | 12 | 85.0 | 77.8 | 29.7 | 72 | 1013.7 | | 6.5 | 0 | 0 | 7 | 20 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 22 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| DAWA | | 08 | 79.9 | 77.0 | 30.5 | 88 | | | | | | | | | | | | | | | | | |
| | | 14 | 85.8 | 78.4 | 29.9 | 71 | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 94 | 08 | 79.9 | 76.2 | 29.2 | 84 | 1013.7 | 4.7 | 4.7 | 0 | 2 | 18 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 3 |
| | | 14 | 88.5 | 76.6 | 26.0 | 57 | 1010.3 | 5.3 | 4.8 | 0 | 0 | 23 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 23 |
| GEORGETOWN B.G. | 7 | 08 | 81.5 | 77.3 | 30.2 | 82 | 1013.6 | 5.1 | 6.0 | 0 | 0 | 9 | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 22 | 8 |
| | | 14 | 84.8 | 77.9 | 29.6 | 73 | 1011.6 | 8.1 | 5.6 | 0 | 3 | 9 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 16 |
| GREAT FALLS | | 08 | 77.0 | 75.4 | 29.2 | 92 | | | | | | | | | | | | | | | | | |
| | | 14 | 87.2 | 79.5 | 31.0 | 70 | | | | | | | | | | | | | | | | | |
| KAMARANG | 1625 | 08 | 73.3 | 71.3 | 25.2 | 90 | 1016.7 | 1.8 | 5.1 | 0 | 9 | 7 | 14 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 25 | 5 |
| | | 14 | 83.8 | 74.6 | 25.1 | 64 | 1012.1 | 5.1 | 4.5 | 0 | 9 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 26 |
| LETHEM AIRSTRIP | 326 | 08 | 83.1 | 76.1 | 27.6 | 72 | 1014.8 | 8.9 | 5.7 | 0 | 2 | 9 | 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | | 14 | 91.7 | 77.6 | 26.0 | 51 | 1010.9 | 7.2 | 5.4 | 0 | 0 | 19 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| MABARUMA | 168 | 08 | 77.1 | 75.6 | 29.5 | 93 | 1013.0 | 1.9 | 5.3 | 0 | 4 | 8 | 16 | 1 | 0 | 4 | 0 | 0 | 0 | 1 | 1 | 7 | 16 |
| | | 14 | 83.9 | 77.0 | 28.7 | 72 | 1010.1 | 3.8 | 5.8 | 0 | 2 | 8 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 | 18 |
| MAHAICONY | 6 | 08 | 82.2 | 77.2 | 29.7 | 79 | | 7.8 | 5.7 | 0 | 1 | 9 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20 |
| | | 14 | 84.8 | 78.0 | 29.7 | 73 | | 9.8 | 5.6 | 0 | 1 | 8 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 15 |
| NEW AMSTERDAM | | 08 | 83.3 | 77.7 | 30.0 | 77 | 1013.7 | 4.6 | 4.5 | 0 | 2 | 21 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 21 | 8 |
| | | 14 | 87.6 | 78.8 | 29.7 | 67 | 1011.6 | 7.4 | 4.8 | 0 | 1 | 18 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 11 |
| TIBOKU | | 08 | 77.8 | 76.4 | 30.4 | 94 | | | | | | | | | | | | | | | | | |
| | | 14 | 88.5 | 80.1 | 31.3 | 68 | | | | | | | | | | | | | | | | | |
| TIMEHRI AIRPORT | 100 | 02 | 74.4 | 73.8 | 28.3 | 97 | 1011.4 | 0.5 | 2.9 | 3 | 18 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 28 | 0 |
| | | 08 | 79.6 | 76.9 | 30.4 | 88 | 1013.6 | 3.0 | 5.1 | 0 | 6 | 7 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 18 | 12 |
| | | 14 | 86.0 | 77.4 | 28.3 | 67 | 1010.5 | 6.8 | 5.9 | 0 | 0 | 10 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 19 | 11 |
| | | 20 | 77.2 | 75.5 | 29.4 | 92 | 1012.0 | 4.7 | 2.6 | 0 | 7 | 10 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 3 |

TABLE II SUMMARY OF DAILY OBSERVATIONS OCTOBER 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 10.69 | 1.53 | 1 | 20 | 10 | 5 | 86.4 | 72.0 | 79.2 | 90 | 69 | | 179.1 | | | | |
| PENAL | 8.15 | 1.40 | 29 | 19 | 7 | 2 | 87.7 | 71.2 | 79.5 | 90 | 68 | | 176.9 | | | | |
| PIARCO AIRPORT | 8.49 | 1.32 | 30 | 18 | 10 | 1 | 89.3 | 73.9 | 81.1 | 91 | 72 | 70.9 | 163.3 | 6 | 4 | 0 | 0 |
| ST. AUGUSTINE | 6.38 | 1.23 | 30 | 18 | 7 | 1 | 89.6 | 73.6 | 81.6 | 103 | 79 | | 170.2 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 11.88 | 2.01 | 26 | 20 | 10 | 4 | 87.1 | 74.1 | 80.6 | 90 | 72 | | 177.2 | 5 | 0 | 0 | 0 |
| LOUIS D'OR | 16.67 | 3.35 | 26 | 25 | 12 | 5 | 86.5 | 73.9 | 80.2 | 88 | 67 | | 173.1 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 18.09 | 2.36 | 30 | 24 | 13 | 6 | | | | | | | 161.7 | | | | |
| PEARLS AIRPORT | 10.09 | 1.97 | 5 | 20 | 8 | 4 | 86.7 | 76.2 | 81.4 | 88 | 72 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 6.37 | 1.30 | 4 | 16 | 5 | 2 | 86.2 | 75.4 | 80.8 | 88 | 72 | | 198.9 | | | | |
| GIBBONS BOGGS | 4.67 | .86 | 6 | 20 | 3 | 0 | | 69.1 | | | 66 | | 180.0 | | | | |
| HUSBANDS CMI | 6.01 | 1.43 | 2 | 17 | 4 | 1 | 86.4 | 74.8 | 80.5 | 90 | 72 | | 197.4 | | | | |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 9.28 | 1.28 | 27 | 24 | 11 | 1 | 88.0 | 75.2 | 81.6 | 91 | 73 | | 216.6 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 71.6 | 1.91 | 7 | 20 | 6 | 1 | 87.6 | 76.5 | 82.1 | 90 | 71 | | | 7 | 0 | 0 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELLVILLE HALL AIRPORT | 11.47 | 1.41 | 22 | 25 | 10 | 2 | 87.1 | 74.3 | 80.7 | 89 | 71 | | 229.8 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 7.61 | 3.35 | 29 | 17 | 3 | 2 | 87.4 | 75.0 | 81.3 | 90 | 70 | | | | | | |

[illegible] DAILY OBSERVATIONS OCTOBER [illegible]

| COUNTRY Station | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .01 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN A(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| U.S. GULRITE | | | | | | | 88.3 | 75.9 | [illegible] | 95 | 72 | | [illegible] | | | | |
| NATIONAL AGRIC CORP. | 4.02 | .56 | [illegible] | 17 | 5 | 0 | 92.2 | 76.5 | 84.4 | 96 | 72 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 3.96 | .57 | 2 | 15 | 3 | 0 | 88.9 | 75.2 | 82.0 | 92 | 71 | | 243.1 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 7.15 | 2.04 | 7 | 17 | 5 | 2 | 86.2 | 74.0 | 80.1 | 93 | 71 | 73.8 | 177.2 | | | | |
| BELMOPAN | 11.72 | 1.81 | 2 | 19 | 10 | 4 | 86.7 | 71.8 | 79.3 | 97 | 69 | | 142.0 | | | | |
| BIG FALLS | 10.95 | 1.36 | 6 | 17 | 11 | 4 | 86.9 | 70.2 | 78.6 | 92 | 69 | | 147.5 | | | | |
| CENTRAL FARM | 7.52 | 1.35 | 5 | 20 | 8 | 2 | 87.0 | [illegible] | 79.6 | 92 | 68 | | 147.3 | 0 | 13 | 0 | 0 |
| TOLEDO | 13.92 | 5.85 | 23 | 21 | 7 | 4 | 86.3 | 72.2 | 79.6 | 90 | [illegible] | | 148.0 | 7 | 0 | 0 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | |
| DAWA | 10.39 | 2.47 | 14 | 14 | 8 | 4 | 88.0 | 72.2 | 80.1 | 92 | 70 | 71.4 | | | | | |
| EBINI L.S. | 3.64 | .90 | 14 | 11 | 4 | 0 | 91.3 | 72.9 | 82.1 | 95 | 70 | | 237.2 | 7 | 25 | 0 | 0 |
| GEORGETOWN B.G. | 7.77 | 1.38 | 14 | 14 | 7 | 1 | 87.9 | 75.4 | 81.6 | 90 | 72 | 72.9 | 210.8 | 8 | 0 | 0 | 0 |
| GREAT FALLS | 5.45 | 1.53 | 14 | 13 | 5 | 1 | 89.2 | 73.6 | 81.4 | 92 | 71 | 72.0 | | 19 | 0 | 0 | 0 |
| KAMARANG | 4.56 | .55 | 4 | 18 | 3 | 0 | 85.9 | 68.7 | 77.3 | 89 | 65 | 66.6 | 268.7 | 5 | 1 | 0 | 0 |
| LETHEM AIRSTRIP | .58 | .35 | 4 | 2 | 0 | 0 | 94.5 | 73.8 | 84.2 | 97 | 72 | | 263.5 | 2 | 0 | 0 | 0 |
| MABARUMA | 8.75 | 1.34 | 25 | 18 | 8 | 3 | | 73.2 | | | 72 | | | 16 | 6 | 0 | 0 |
| MAHAICONY | 4.21 | .91 | 4 | 12 | 4 | 0 | 86.8 | 76.2 | 81.5 | 89 | 73 | | 235.0 | 6 | 0 | 0 | 0 |
| NEW AMSTERDAM | 3.95 | .77 | 4 | 10 | 5 | 0 | 90.6 | 73.9 | 82.3 | 93 | 70 | | 237.4 | 4 | 0 | 0 | 0 |
| PLANTAIN ISLAND | 5.37 | 1.14 | 4 | 19 | 5 | 1 | | | | | | | | 25 | 0 | 0 | 0 |
| TIMEHRI AIRPORT | 7.58 | 2.76 | 25 | 11 | 6 | 2 | 89.2 | 72.5 | 80.8 | 93 | 70 | 70.1 | 194.0 | 9 | 9 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS OCTOBER 1980

| COUNTRY STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 58 | 89 | 5.14 | .48 | 1 | | | |
| PENAL | 46 | 67 | 4.57 | .36 | 3 | | | |
| PIARCO AIRPORT | 66 | 95 | 6.11 | .42 | 31 | | | |
| ST.AUGUSTINE | 48 | 66 | 3.63 | .26 | 14 | | | |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | 64 | 119 | 5.62 | .30 | 2 | | | |
| LOUIS D'OR | 8 | 21 | 4.68 | .35 | 28 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 76 | 113 | | | | | | |
| BARBADOS | | | | | | | | |
| GIBBONS BOGGS | 114 | 174 | 6.83M | .39 | 17 | | | |
| HUSBANDS CMI | 74 | 104 | 4.95 | .35 | 3 | 13926 | 592 | 155 |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 21 | 51 | 5.22 | .35 | 25 | 11954 | 540 | 159 |
| ST. KITTS/NEVIS | | | | | | | | |
| LA GUERITE | 89 | 154 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | 62 | 107 | 5.26 | .24 | 25 | 14388 | 599 | 172 |
| BELIZE | | | | | | | | |
| BELIZE AIRPORT | 57 | 188 | 4.84 | .42 | 10 | | | |
| BIG FALLS | 44 | 101 | | | | | | |
| CENTRAL FARM | 17 | 45 | 4.76 | .43 | 4 | | | |
| TOLEDO | 24 | 87 | 4.45M | .28 | 19 | | | |
| GUYANA | | | | | | | | |
| DAWA | 59 | 88 | 5.46 | .32 | 14 | | | |
| EBINI L.S. | 72 | 88 | 7.18 | .35 | 3 | 12369 | 472 | 271 |
| GEORGETOWN B.G. | 88 | 168 | 5.66 | .29 | 19 | 13726 | 568 | 171 |
| GREAT FALLS | 1 | 1 | 4.30 | .22 | 2 | | | |
| KAMARANG | 62 | 92 | 5.80 | .29 | 1 | | | |
| LETHEM AIRSTRIP | 266 | 333 | 0.08 | .44 | 28 | 10024 | 651 | 375 |
| MAHAICONY | 145 | 212 | 7.77 | .33 | 7 | | | |
| NEW AMSTERDAM | 102 | 145 | 6.82 | .39 | 6 | | | |
| PLAINTAIN ISLAND | | | 4.41 | .26 | 12 | | | |
| TIMEHRI AIRPORT | 65 | 107 | 5.55 | .27 | 28 | 11800 | 501 | 180 |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS OCTOBER 1980

| 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 | 1.00 | 1.10 | 1.15 | 1.15 | 1.15 | 1.29 | 1.53 | 1.53 |
| PENAL | .40 | .50 | .60 | .62 | .85 | .88 | 1.31 | 1.39 |
| ST. AUGUSTINE | | .34 | .42 | .60 | .60 | 1.08 | 1.17 | 1.23 |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | .24 | .47 | .63 | .79 | 1.40 | 1.43 | 1.50 | 1.54 |
| LOUIS D'OR | .62 | .98 | 1.28 | 1.35 | 1.35 | 1.75 | 1.93 | 2.81 |
| BARBADOS | | | | | | | | |
| GIBBONS BOGGS | .24 | .28 | .34 | .54 | .54 | .54 | .61 | .82 |
| HUSBANDS CMI | .32 | .52 | .58 | .71 | 1.07 | 1.35 | 1.40 | 1.40 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | .18 | .25 | .29 | .37 | .37 | .43 | .44 | .57 |
| GUYANA | | | | | | | | |
| APAIKWA | .40 | .52 | .75 | 1.10 | 1.40 | 1.40 | 1.67 | 1.67 |
| DAWA | .44 | .60 | 1.04 | 1.12 | 1.15 | 1.18 | 1.75 | 2.02 |
| EBINI L.S. | .36 | .40 | .68 | .74 | .88 | .88 | .90 | .90 |
| GEORGETOWN B.G. | .22 | .32 | .42 | .76 | .89 | .95 | 1.58 | 1.58 |
| GREAT FALLS | .32 | .38 | .42 | .50 | .58 | .58 | .58 | .59 |
| ITABRU FALLS | .44 | .68 | .87 | 1.12 | 1.45 | 1.45 | 1.51 | 1.53 |
| KAMARANG | .12 | .24 | .36 | .43 | .44 | .44 | .48 | .55 |
| LETHEM AIRSTRIP | .09 | .17 | .22 | .31 | .35 | .35 | .35 | .35 |
| MABARUMA | .20 | .32 | .48 | .66 | .79 | .91 | 1.30 | 1.34 |
| MAHAICONY | .12 | .24 | .28 | .36 | .56 | .79 | .86 | .91 |
| NEW AMSTERDAM | .24 | .48 | .5[illegible] | .72 | .76 | .76 | .76 | .81 |
| PLAINTAIN ISLAND | .44 | .66 | .8[illegible] | .93 | .99 | .99 | 1.14 | 1.14 |
| TIBOKU | .34 | .43 | .53 | .82 | .98 | .98 | .98 | 1.00 |
| TIMEHRI AIRPORT | .36 | .72 | 1.10 | 1.71 | 2.27 | 2.34 | 2.76 | 2.76 |

TABLE V - SUMMARY OF WINDSPEED RECORDS OCTOBER 1980

| COUNTRY / STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO. OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 08 | 18 | 01 | 30 | 08 | 28 | 1115 | 29 | 0 | 0 | 0 | 3.2 |
| PIARCO AIRPORT | 10 | 16 | 14 | 02 | 11 | 30 | 1155 | 21 | 0 | 0 | 0 | 4.7 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 11 | 15 | 19 | 26 | 15 | 30 | 1345 | 21 | 0 | 0 | 0 | 5.4 |
| BARBADOS | | | | | | | | | | | | |
| HUSBANDS CMI | 11 | 13 | 10 | 11 | 09 | 26 | 0840 | 28 | 0 | 0 | 0 | 5.7 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 10 | 20 | 13 | 5 | 08 | 33 | 2045 | 29 | 0 | 0 | 0 | 8.8 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY G.C. | 09 | 16 | 06 | 22 | 11 | 31 | 0530 | 22 | 0 | 0 | 0 | 4.5 |
| GUYANA | | | | | | | | | | | | |
| GEORGETOWN B.G. | 05 | 11 | 12 | 03 | 08 | 23 | 0630 | 03 | 0 | 0 | 0 | 5.6 |
| TIMEHRI AIRPORT | 08 | 11 | 15 | 21 | 07 | 21 | 1025 | 24 | 0 | 0 | 0 | 3.9 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS OCTOBER 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 13 | 50 | 67 | 68 | 69 | 64 | 60 | 60 | 47 | 39 | 33 | 7 | 0 | 179.1 | 49 | 9.7 | 18 | 0 | 7 | 8 | 11 | 5 | 0 |
| PENAL | 0 | 10 | 58 | 59 | 73 | 72 | 60 | 56 | 54 | 57 | 38 | 29 | 5 | 0 | 176.9 | 48 | 10.1 | 18 | 1 | 5 | 11 | 10 | 4 | 0 |
| PIARCO AIRPORT | 0 | 6 | 32 | 46 | 46 | 54 | 54 | 59 | 64 | 59 | 56 | 42 | 10 | 0 | 163.3 | 44 | 9.7 | 13 | 3 | 4 | 12 | 9 | 3 | 0 |
| ST. AUGUSTINE UWI | 0 | 8 | 53 | 67 | 69 | 68 | 62 | 51 | 56 | 41 | 43 | 31 | 2 | 0 | 170.2 | 46 | 10.4 | 13 | 2 | 6 | 7 | 12 | 4 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 0 | 13 | 49 | 66 | 67 | 64 | 63 | 57 | 59 | 49 | 40 | 33 | 10 | 0 | 177.2 | 48 | 10.8 | 20 | 0 | 9 | 7 | 8 | 7 | 0 |
| LOUIS D'OR | 0 | 4 | 49 | 65 | 66 | 62 | 61 | 61 | 56 | 54 | 47 | 34 | 0 | 0 | 173.1 | 47 | 9.8 | 1 | 0 | 9 | 5 | 12 | 5 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 10 | 41 | 48 | 57 | 61 | 61 | 64 | 56 | 53 | 40 | 26 | 4 | 0 | 161.7 | 43 | 9.8 | 19 | 2 | 8 | 6 | 11 | 4 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| GRANTLEY ADAMS AIRPORT | 0 | 11 | 56 | 65 | 64 | 69 | 70 | 69 | 65 | 62 | 60 | 43 | 8 | 0 | 198.9 | 54 | 10.5 | 13 | 1 | 8 | 4 | 7 | 11 | 0 |
| GIBBONS BOGGS | 0 | 6 | 48 | 61 | 58 | 67 | 64 | 63 | 65 | 59 | 49 | 35 | 5 | 0 | 180.0 | 49 | 10.5 | 18 | 1 | 8 | 5 | 9 | 8 | 0 |
| HUSBANDS CMI | 0 | 19 | 62 | 68 | 68 | 68 | 67 | 66 | 64 | 61 | 52 | 33 | 7 | 0 | 197.4 | 54 | 10.7 | 13 | 1 | 6 | 5 | 9 | 10 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 3 | 59 | 64 | 75 | 77 | 72 | 78 | 73 | 69 | 65 | 54 | 11 | 0 | 216.6 | 59 | 10.2 | 1 | 1 | 4 | 3 | 15 | 8 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 0 | 12 | 55 | 79 | 77 | 76 | 82 | 86 | 83 | 77 | 68 | 45 | 4 | 0 | 229.8 | 63 | 10.2 | 4 | 0 | 3 | 5 | 8 | 15 | 0 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 0 | 15 | 70 | 84 | 81 | 87 | 95 | 89 | 87 | 82 | 73 | 64 | 19 | 1 | 262.5 | 72 | 11.0 | 4 | 0 | 1 | 4 | 11 | 15 | 0 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 0 | 17 | 72 | 88 | 90 | 83 | 82 | 78 | 72 | 65 | 66 | 58 | 13 | 0 | 243.1 | 67 | 10.8 | 30 | 1 | 2 | 3 | 11 | 14 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS OCTOBER 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 0 | 5 | 34 | 45 | 56 | 62 | 63 | 65 | 65 | 60 | 58 | 49 | 10 | 0 | 177.2 | 49 | 10.8 | 17 | 5 | 3 | 9 | 6 | 8 | 0 |
| BELMOPAN | 0 | 1 | 16 | 25 | 46 | 61 | 69 | 59 | 51 | 48 | 42 | 35 | 5 | 0 | 142.0 | 39 | 10.1 | 17 | 4 | 6 | 9 | 8 | 3 | 0 |
| BIG FALLS | 0 | 5 | 21 | 35 | 47 | 56 | 59 | 61 | 59 | 47 | 44 | 29 | 12 | 0 | 147.5 | 41 | 10.4 | 18 | 5 | 3 | 13 | 6 | 4 | 0 |
| CENTRAL FARM | 0 | 2 | 9 | 23 | 45 | 64 | 71 | 71 | 61 | 49 | 42 | 31 | 9 | 0 | 147.3 | 40 | 10.9 | 17 | 4 | 4 | 12 | 10 | 1 | 0 |
| TOLEDO | 0 | 4 | 27 | 36 | 44 | 52 | 56 | 49 | 49 | 55 | 55 | 41 | 9 | 0 | 148.0 | 41 | 10.1 | 19 | 2 | 9 | 8 | 9 | 3 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNA REGINA | 0 | 15 | 55 | 66 | 72 | 75 | 72 | 73 | 74 | 69 | 57 | 43 | 8 | 0 | 210.9 | 57 | 10.5 | 12 | 1 | 3 | 7 | 11 | 8 | 0 |
| EBINI L.S. | 0 | 11 | 60 | 76 | 85 | 91 | 91 | 79 | 78 | 68 | 65 | 45 | 15 | 0 | 237.2 | 64 | 10.6 | 18 | 0 | 1 | 7 | 13 | 10 | 0 |
| FRIENDSHIP | 0 | 10 | 58 | 71 | 78 | 79 | 77 | 79 | 71 | 72 | 68 | 53 | 16 | 0 | 228.2 | 61 | 9.9 | 6 | 0 | 2 | 6 | 12 | 9 | 0 |
| GEORGETOWN B.G. | 0 | 12 | 54 | 64 | 75 | 83 | 82 | 72 | 67 | 65 | 55 | 43 | 8 | 0 | 210.8 | 57 | 10.8 | 19 | 0 | 4 | 7 | 11 | 9 | 0 |
| KAMARANG | 0 | 0 | 25 | 48 | 68 | 81 | 82 | 79 | 63 | 76 | 71 | 54 | 21 | 0 | 208.7 | 56 | 10.1 | 28 | 0 | 1 | 8 | 19 | 3 | 0 |
| LETHEM AIRSTRIP | 0 | 16 | 64 | 80 | 88 | 92 | 94 | 94 | 93 | 86 | 77 | 65 | 15 | 0 | 268.5 | 72 | 10.9 | 18 | 0 | 0 | 2 | 17 | 12 | 0 |
| MAHAICONY | 0 | 11 | 60 | 73 | 79 | 85 | 89 | 85 | 78 | 68 | 71 | 45 | 15 | 0 | 235.0 | 63 | 10.7 | 19 | 0 | 2 | 7 | 9 | 13 | 0 |
| MON REPOS | 0 | 12 | 53 | 65 | 76 | 85 | 86 | 74 | 70 | 69 | 57 | 43 | 10 | 0 | 216.9 | 58 | 10.5 | 31 | 0 | 3 | 8 | 11 | 9 | 0 |
| NEW AMSTERDAM | 0 | 7 | 58 | 75 | 77 | 81 | 87 | 85 | 78 | 75 | 66 | 59 | 19 | 0 | 237.4 | 64 | 10.7 | 19 | 0 | 3 | 5 | 8 | 15 | 0 |
| SKELDON FRONT | 0 | 23 | 75 | 79 | 85 | 86 | 83 | 74 | 74 | 75 | 71 | 64 | 18 | 0 | 250.2 | 67 | 10.7 | 28 | 0 | 2 | 4 | 12 | 13 | 0 |
| TIBUKO | 0 | 0 | 29 | 47 | 70 | 83 | 92 | 83 | 67 | 64 | 60 | 34 | 8 | 0 | 198.0 | 53 | 9.0 | 4 | 0 | 0 | 16 | 15 | 0 | 0 |
| TIMEHRI AIRPORT | 0 | 7 | 60 | 80 | 77 | 77 | 65 | 65 | 54 | 55 | 43 | 34 | 8 | 0 | 194.0 | 52 | 10.7 | 19 | 0 | 8 | 4 | 12 | 7 | 0 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 78.2 | 76.2 | 29.9 | 91 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 80.0 | 77.2 | 30.7 | 88 | | | | | | | | | | | | | | | | | |
| ST. AUGUSTINE UWI | 52 | 09 | 82.6 | 76.9 | 29.1 | 77 | | 3.2 | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| LOUIS D'OR | 40 | 08 | 84.1 | 77.2 | 28.8 | 72 | | 0.5 | | | | | | | | | | | | | | | |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 80.8 | 76.8 | 29.6 | 82 | | | | | | | | | | | | | | | | | |
| PEARLS AIRPORT | 22 | 08 | 81.4 | 76.5 | 29.0 | 79 | 1014.0 | 9.1 | 4.8 | 0 | 3 | 10 | 8 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 15 | 5 |
| | | 14 | 84.1 | 77.9 | 30.1 | 75 | 1011.6 | 9.6 | 3.6 | 0 | 5 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 11 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| GRANTLEY ADAMS AIRPORT | 183 | 02 | 78.4 | 74.3 | 27.1 | 82 | 1012.5 | 9.7 | 3.8 | 0 | 5 | 20 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 08 | 81.0 | 75.6 | 28.0 | 78 | 1014.7 | 11.0 | 4.1 | 0 | 3 | 20 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 29 |
| | | 14 | 83.5 | 76.5 | 28.2 | 72 | 1012.4 | 11.6 | 4.6 | 0 | 5 | 15 | 8 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 29 |
| | | 20 | 78.8 | 74.7 | 27.4 | 81 | 1013.7 | 10.0 | 4.6 | 0 | 2 | 19 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| GIBBONS BOGGS | | 09 | 84.1 | 78.3 | 30.5 | 76 | | | | | | | | | | | | | | | | | |
| HUSBANDS CMI | 370 | 08 | 80.0 | 75.1 | 27.6 | 79 | 1014.7 | 7.1 | 4.3 | 0 | 3 | 21 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08 | 81.8 | 75.3 | 27.1 | 73 | | | | | | | | | | | | | | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 21 | 08 | 82.4 | 76.4 | 28.3 | 75 | 1013.8 | 12.1 | 4.6 | 0 | 3 | 18 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 14 | 84.9 | 77.4 | 28.8 | 70 | 1011.9 | 12.3 | 3.8 | 0 | 10 | 15 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| ROSEAU WINBAN | | 09 | 81.9 | 76.5 | 28.7 | 77 | | | | | | | | | | | | | | | | | |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | | 08 | 80.3 | 76.0 | 28.7 | 81 | 1015.4 | 9.8 | 5.3 | 0 | 1 | 15 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 20 | 8 |
| | | 14 | 83.6 | 77.3 | 29.1 | 74 | 1013.5 | 11.6 | 4.8 | 0 | 1 | 18 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 13 | 16 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 26 | 02 | 78.8 | 74.1 | 26.7 | 79 | 1014.0 | 11.0 | 2.4 | 2 | 17 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 08 | 80.8 | 75.0 | 27.1 | 75 | 1015.6 | 11.3 | 3.5 | 0 | 10 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | | 14 | 83.8 | 76.1 | 27.6 | 70 | 1013.7 | 12.5 | 3.9 | 0 | 4 | 21 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 20 | 79.9 | 74.5 | 26.9 | 77 | 1014.9 | 10.7 | 2.8 | 0 | 14 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK AIRPORT | | 08 | 80.7 | 74.8 | 26.8 | 75 | 1016.7 | 11.5 | 4.5 | 0 | 3 | 18 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 |
| | | 14 | 84.1 | 76.1 | 27.2 | 68 | 1014.7 | 12.8 | 4.0 | 0 | 3 | 20 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 25 |
| LA GUERITE | 158 | 09 | 82.8 | 77.4 | 30.0 | 78 | | | | | | | | | | | | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | | 09 | 82.1 | 77.6 | 30.4 | 81 | | 8.5 | 4.8 | 0 | 10 | 5 | 7 | 8 | 0 | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 17 | 00 | 73.1 | 72.1 | 26.7 | 96 | | 4.2 | 4.4 | 2 | 10 | 4 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 18 |
| | | 06 | 71.4 | 70.7 | 25.6 | 98 | | 4.4 | 5.8 | 0 | 3 | 8 | 11 | 7 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 19 | 8 |
| | | 12 | 80.7 | 75.1 | 27.4 | 77 | | 9.0 | 6.3 | 0 | 1 | 5 | 19 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 | 21 |
| | | 18 | 76.4 | 74.5 | 28.4 | 91 | | 3.4 | 5.4 | 0 | 6 | 6 | 13 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 22 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| DAWA | | 08 | 78.2 | 76.2 | 30.1 | 91 | | | | | | | | | | | | | | | | | |
| | | 14 | 82.1 | 77.1 | 29.7 | 79 | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 94 | 08 | 78.9 | 76.1 | 29.5 | 87 | | 3.2 | 5.8 | 0 | 2 | 9 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 6 |
| | | 14 | 86.6 | 76.9 | 27.3 | 63 | | 5.7 | 5.5 | 0 | 0 | 15 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 7 | 22 |
| GEORGETOWN B.G. | 7 | 08 | 80.5 | 76.9 | 30.0 | 84 | | 4.3 | 5.9 | 0 | 2 | 9 | 14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19 | 8 |
| | | 14 | 82.4 | 77.3 | 29.8 | 79 | | 6.3 | 5.8 | 0 | 3 | 7 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 13 |
| GREAT FALLS | | 08 | 77.4 | 75.3 | 29.0 | 90 | | | | | | | | | | | | | | | | | |
| | | 14 | 85.6 | 79.1 | 31.1 | 74 | | | | | | | | | | | | | | | | | |
| ITABRU FALLS | | 08 | 78.0 | 76.0 | 29.9 | 91 | | | | | | | | | | | | | | | | | |
| | | 14 | 88.2 | 79.9 | 31.2 | 69 | | | | | | | | | | | | | | | | | |
| KAMARANG | 1625 | 08 | 72.4 | 70.9 | 25.1 | 92 | 1015.9 | 1.9 | 5.2 | 0 | 4 | 11 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 6 |
| | | 14 | 81.4 | 74.0 | 25.4 | 69 | 1011.4 | 4.7 | 5.3 | 0 | 1 | 13 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 24 |
| LETHEM AIRSTRIP | 326 | 08 | 81.2 | 75.8 | 28.1 | 77 | 1013.9 | 7.1 | 5.8 | 0 | 1 | 10 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | | 14 | 89.9 | 78.0 | 27.5 | 57 | 1010.3 | 6.7 | 5.6 | 0 | 0 | 13 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 12 |
| MABARUMA | 168 | 08 | 76.7 | 75.3 | 29.3 | 93 | 1012.0 | 2.3 | 5.2 | 0 | 6 | 7 | 13 | 4 | 0 | 0 | 1 | 0 | 2 | 0 | 2 | 7 | 18 |
| | | 14 | 81.1 | 76.2 | 28.8 | 80 | 1009.0 | 3.9 | 5.9 | 0 | 15 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 14 |
| MAHAICONY | 6 | 08 | 81.2 | 77.2 | 30.0 | 83 | | 5.4 | 6.2 | 0 | 0 | 6 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 20 |
| | | 14 | 83.3 | 77.5 | 29.6 | 76 | | 9.2 | 5.9 | 0 | 0 | 6 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20 |
| NEW AMSTERDAM | | 08 | 82.0 | 77.2 | 29.8 | 80 | 1013.1 | 2.9 | 5.2 | 0 | 2 | 15 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 2 |
| | | 14 | 86.5 | 78.2 | 29.3 | 68 | 1010.9 | 5.8 | 4.5 | 0 | 4 | 19 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| TIMEHRI AIRPORT | 100 | 02 | 74.1 | 73.6 | 28.0 | 97 | 1010.6 | 0.7 | 3.4 | 5 | 7 | 11 | 6 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 6 | 22 | 0 |
| | | 08 | 78.3 | 76.1 | 29.7 | 90 | 1012.9 | 2.5 | 5.6 | 0 | 4 | 7 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| | | 14 | 82.8 | 76.9 | 28.9 | 75 | 1009.8 | 5.6 | 6.4 | 0 | 1 | 6 | 18 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 13 |
| | | 20 | 76.2 | 75.0 | 29.1 | 94 | 1011.2 | 2.4 | 4.7 | 1 | 5 | 11 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3 |
| WAUNA | | 08 | 78.7 | 76.7 | 30.5 | 91 | | 1.6 | 4.8 | 0 | 0 | 21 | 6 | 3 | 0 | | | | | | | | |
| | | 14 | 80.8 | 76.9 | 30.0 | 83 | | 6.4 | 6.2 | 0 | 0 | 5 | 23 | 2 | 0 | | | | | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS NOVEMBER [illegible]

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 14.01 | 1.86 | 21 | 20 | 13 | 5 | 86.2 | 71.4 | 78.8 | 96 | 66 | | 195.1 | | | | |
| PENAL | 11.62 | 1.62 | 14 | 17 | 10 | 5 | 86.5 | 70.7 | 78.6 | 89 | 68 | | 197.3 | | | | |
| PIARCO AIRPORT | 12.58 | 1.61 | 9 | 19 | 11 | 5 | 87.3 | 72.9 | 80.1 | 90 | 70 | 70.3 | 200.4 | 3 | 2 | 0 | 0 |
| ST. AUGUSTINE UWI | 8.04 | 1.77 | 22 | 16 | 5 | 3 | 91.2 | 71.0 | 81.1 | 102 | 62 | | 170.7 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| LOUIS D'OR | 7.06 | 1.36 | 14 | 17 | 6 | 2 | 86.1 | 74.9 | 80.5 | 87 | 70 | | 236.2 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 7.94 | .95 | 2 | 21 | 8 | 0 | | | | | | | 190.6 | | | | |
| PEARLS AIRPORT | 5.19 | 1.20 | 25 | 14 | 5 | 1 | 86.1 | 76.0 | 81.1 | 88 | 73 | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| GRANTLEY ADAMS AIRPORT | 4.37 | 1.04 | 27 | 17 | 3 | 1 | 85.6 | 75.9 | 80.8 | 88 | 73 | | 268.8 | | | | |
| GIBBONS BOGGS | 3.64 | .88 | 11 | 14 | 3 | 0 | 87.4 | 68.6 | 78.0 | 89 | 66 | | 243.2 | | | | |
| HUSBANDS CMI | 2.81 | .94 | 11 | 9 | 2 | 0 | 85.8 | 74.7 | 80.2 | 88 | 72 | | 264.6 | | | | |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 6.29 | 1.28 | 21 | 22 | 5 | 1 | 87.4 | 75.2 | 81.3 | 90 | 72 | | 246.5 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 4.18 | 1.19 | 28 | 17 | 2 | 1 | 86.3 | 75.9 | 81.1 | 87 | 71 | | | | | | |
| ROSEAU WINBAN | 8.06 | 1.00 | 8 | 23 | 10 | 1 | 85.8 | 73.3 | 79.6 | 87 | 69 | | 246.4 | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 12.27 | 3.75 | 29 | 21 | 6 | 3 | 85.0 | 74.0 | 79.5 | 87 | 69 | | 206.0 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 1.83 | .50 | 27 | 9 | 1 | 0 | 85.6 | 75.9 | 80.8 | 88 | 72 | | | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS NOVEMBER 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| LA GUERITE | | | | | | | 86.9 | 75.2 | 81.0 | 90 | 72 | | 274.7 | | | | |
| NATIONAL AGRICULTURE | 3.53 | 1.29 | 12 | 10 | 3 | 1 | 90.2 | 76.0 | 83.1 | 94 | 72 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 11.86 | 2.55 | 7 | 17 | 7 | 5 | 85.3 | 75.4 | 80.4 | 89 | 72 | | 154.9 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 12.84 | 2.57 | 20 | 16 | 7 | 5 | 84.2 | 70.4 | 77.3 | 89 | 63 | | 146.0 | | | | |
| BELMOPAN | 10.10 | 2.13 | 20 | 14 | 8 | 3 | 82.0 | 68.0 | 75.0 | 90 | 60 | | 152.0 | | | | |
| BIG FALLS | 12.33 | 8.56 | 20 | 11 | 7 | 1 | 84.6 | 67.5 | 76.1 | 90 | 60 | | 155.5 | | | | |
| CENTRAL FARM | 12.29 | 6.03 | 21 | 14 | 5 | 4 | 84.6 | 68.1 | 76.3 | 93 | 62 | | 138.7 | 3 | 11 | 0 | 0 |
| TOLEDO | 9.21 | 1.90 | 21 | 13 | 10 | 3 | 84.7 | 68.4 | 76.6 | 90 | 64 | | 152.5 | | | | |
| GUYANA | | | | | | | | | | | | | | | | | |
| DAWA | 18.25 | 2.28 | 13 | 19 | 14 | 7 | 85.2 | 72.0 | 78.6 | 90 | 70 | | | | | | |
| EBINI L.S. | 6.71 | 2.93 | 16 | 13 | 4 | 2 | 89.8 | 72.8 | 81.3 | 94 | 70 | | 197.0 | 5 | 28 | 0 | 0 |
| GEORGETOWN B.G. | 14.69 | 4.10 | 30 | 8 | 11 | 5 | 85.9 | 75.8 | 80.9 | 89 | 74 | | 174.1 | 2 | 0 | 0 | 0 |
| GREAT FALLS | 4.44 | 1.37 | 16 | 16 | 2 | 1 | 88.4 | 73.6 | 81.0 | 92 | 72 | | | 6 | 0 | 0 | 0 |
| ITABRU FALLS | 5.07 | 1.39 | 16 | 15 | 5 | 1 | | 73.9 | | | 72 | 73.7 | | | | | |
| KAMARANG | 7.59 | 1.44 | 24 | 15 | 7 | 1 | 81.0 | 68.2 | 74.6 | 88 | 65 | 66.3 | 158.2 | 2 | 0 | 0 | 0 |
| LETHEM AIRSTRIP | 3.88 | 1.86 | 12 | 5 | 3 | 2 | 92.4 | 73.2 | 82.8 | 95 | 70 | | 247.1 | 2 | 0 | 0 | 0 |
| MABARUMA | 16.89 | 2.40 | 13 | 22 | 15 | 6 | | 73.1 | | 70 | | | | 10 | 0 | 0 | 0 |
| MAHAICONY | 10.54 | 2.61 | 30 | 17 | 8 | 3 | 85.2 | 75.8 | 80.5 | 88 | 73 | | 188.6 | 2 | 0 | 0 | 0 |
| NEW AMSTERDAM | 6.01 | 1.20 | 29 | 17 | 8 | 1 | 89.4 | 73.5 | 81.5 | 92 | 71 | | 209.1 | | | | |
| PLAINTAIN ISLAND | 9.54 | 1.56 | 2 | 22 | 6 | 2 | | | | | | | | 27 | 1 | 0 | 1 |
| WAUNA | 14.74 | 2.41 | 14 | 23 | 14 | 5 | 85.7 | 69.6 | 77.7 | 90 | 67 | | 134.0 | 10 | 21 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS NOVEMBER 1980

| COUNTRY STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 63 | 100 | 4.56 | .26 | 12 | | | |
| PENAL | 48 | 67 | 4.53 | .28 | 24 | | | |
| PIARCO AIRPORT | 58 | 82 | 7.51M | .47 | 9 | | | |
| ST. AUGUSTINE UWI | 44 | 62 | 4.36 | .45 | 22 | | | |
| TOBAGO | | | | | | | | |
| LOUIS D'OR | 11 | 27 | 5.65 | .30 | 27 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 95 | 181 | | | | | | |
| BARBADOS | | | | | | | | |
| GIBBONS BOGGS | 144 | 200 | | | | | | |
| HUSBANDS CMI | 81 | 113 | 5.37 | .34 | 13 | 15131 | 609 | 194 |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 15 | 32 | 5.26 | .31 | 1 | | | |
| ST. LUCIA | | | | | | | | |
| ROSEAU WINBAN | 38 | 76 | 4.13M | .33 | 7 | | | |
| ST. KITTS/NEVIS | | | | | | | | |
| LA GUERITE | 117 | 230 | | | | | | |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | 91 | 180 | 4.16 | .28 | 29 | 10206 | 550 | 82 |
| BELIZE | | | | | | | | |
| BELIZE AIRPORT | 57 | 127 | | | | 8802 | 505 | 18 |
| BIG FALLS | 46 | 85 | | | | | | |
| CENTRAL FARM | 15 | 51 | | | | | | |
| TOLEDO | 24 | 78 | 3.98M | .36 | 2 | | | |
| GUYANA | | | | | | | | |
| DAWA | 46 | 99 | 4.45 | .28 | 13 | | | |
| EBINI L.S. | 69 | 87 | 6.64 | .29 | 9 | 10734 | 418 | 78 |
| GEORGETOWN B.G. | 85 | 130 | 4.66 | .35 | 6 | 11145 | 510 | 108 |
| GREAT FALLS | | | 3.68 | .20 | 12 | | | |
| ITABRU FALLS | 20 | 25 | 4.31 | .20 | 1 | | | |
| KAMARANG | 61 | 93 | 4.88 | .31 | 6 | | | |
| LETHEM AIRSTRIP | 281 | 351 | 9.17 | .48 | 11 | 16309 | 627 | 166 |
| MAHAICONY | 150 | 237 | 6.74M | .34 | 8 | | | |
| NEW AMSTERDAM | 101 | 156 | 5.70 | .27 | 10 | | | |
| PLAINTAIN ISLAND | | | 4.28 | .35 | 2 | | | |
| WAUNA | 36 | 52 | | | | | | |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS NOVEMBER 1980

| 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 | .30 | .40 | .60 | .80 | 1.08 | 1.08 | 1.30 | 1.51 |
| PENAL | .28 | .40 | .52 | .76 | 1.05 | 1.19 | 1.58 | 1.60 |
| ST. AUGUSTINE UWI | | .40 | .60 | .68 | .92 | 1.04 | 1.74 | 1.75 |
| TOBAGO | | | | | | | | |
| LOUIS D'OR | .35 | .44 | .59 | .59 | .84 | 1.10 | 1.36 | 1.36 |
| BARBADOS | | | | | | | | |
| G. ADAMS AIRPORT | .05 | .09 | .13 | .26 | .39 | .44 | .62 | 1.01 |
| GIBBONS BOGGS | .22 | .26 | .28 | .33 | .33 | .53 | .89 | 1.05 |
| HUSBANDS CMI | .16 | .19 | .22 | .28 | .42 | .47 | .85 | .94 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | .40 | .61 | .78 | .89 | 1.12 | 1.25 | 1.54 | 2.22 |
| GUYANA | | | | | | | | |
| APAIKWA | .26 | .40 | .56 | .74 | .76 | .76 | 1.70 | 1.86 |
| DAWA | .37 | .62 | .64 | .82 | .90 | 1.13 | 1.71 | 2.28 |
| EBINI L.S. | .36 | .55 | .55 | .73 | .90 | 1.10 | 1.43 | 2.77 |
| GEORGETOWN B.G. | .32 | .40 | .72 | .98 | 1.73 | 3.45 | 4.51 | 5.11 |
| GREAT FALLS | .25 | .31 | .40 | .49 | .50 | .53 | .96 | 1.21 |
| KAMARANG | .24 | .44 | .5[illegible] | .7[illegible] | .74 | .76 | .93 | 1.12 |
| ITABRU FALLS | .45 | .49 | .4[illegible] | .[illegible] | .62 | .70 | .88 | .99 |
| KAIRUNI | .24 | .43 | .5[illegible] | .6[illegible] | .77 | .77 | .93 | .93 |
| LETHEM AIRSTRIP | .27 | .46 | .6[illegible] | 1.0[illegible] | 1.35 | 1.49 | 1.55 | 1.55 |
| MAHAICONY | .28 | .32 | .4[illegible] | .69 | .86 | .88 | 1.43 | 1.43 |
| NEW AMSTERDAM | .15 | .24 | .3[illegible] | .44 | .7[illegible] | 1.00 | 1.16 | 1.16 |
| PLAINTAIN ISLAND | .40 | .47 | .49 | 1.35 | 1.46 | 1.48 | 1.56 | 1.56 |
| TIMEHR AIRPORT | .44 | .68 | .78 | .92 | 1.00 | 1.14 | 1.74 | 1.74 |
| WAUNA | .45 | .52 | .64 | .75 | .76 | 1.28 | 1.58 | 1.58 |

TABLE V - SUMMARY OF WINDSPEED RECORDS NOVEMBER 1980

| COUNTRY / STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO. OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 12 | 16 | 14 | 7 | 11 | 30 | 1240 | 18 | 0 | 0 | 0 | 3.9 |
| PIARCO AIRPORT | 7 | 15 | 14 | 7 | 08 | 35 | 1350 | 7 | 1 | 0 | 0 | 5.0 |
| BARBADOS | | | | | | | | | | | | |
| HUSBANDS CMI | 09 | 14 | 11 | 8 | 09 | 25 | 0855 | 6 | 0 | 0 | 0 | 6.7 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 09 | 18 | 02 | 22 | 09 | 31 | 2010 | 21 | 0 | 0 | 0 | 11.1 |
| ST. KITTS/NEVIS | | | | | | | | | | | | |
| LA GUERITE | 06 | 18 | 09 | 19 | 05 | 35 | 0920 | 18 | 1 | 0 | 0 | 9.6 |
| GRAND CAYMAN | | | | | | | | | | | | |
| WEST BAY G.C | 19 | 18 | 09 | 15 | 20 | 33 | 0825 | 15 | 0 | 0 | 0 | 7.0 |
| GUYANA | | | | | | | | | | | | |
| MAHAICONY | 12 | 15 | 12 | 8 | 09 | 41 | 0040 | 20 | 2 | 0 | 0 | 5.4 |
| TIMEHRI AIRPORT | 07 | 12 | 16 | 8 | 06 | 17 | 1515 | 25 | 0 | 0 | 0 | 3.6 |

APPENDIX VI - SUMMARY OF SUNSHINE RECORDS NOVEMBER 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of hours) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | POSSIBLE IN A DAY | DAYS | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 7 | 48 | 70 | 72 | 68 | 77 | 70 | 61 | 63 | 64 | 45 | 10 | 0 | 195.1 | 56 | 10.7 | 13 | 1 | 4 | 6 | 9 | 8 | 0 |
| PENAL | 0 | 16 | 69 | 71 | 69 | 69 | 65 | 63 | 62 | 64 | 59 | 43 | 7 | 0 | 197.3 | 56 | 10.5 | 13 | 0 | 6 | 7 | 7 | 10 | 0 |
| PIARCO AIRPORT | 0 | 13 | 58 | 70 | 73 | 65 | 70 | 72 | 58 | 64 | 66 | 48 | 12 | 0 | 200.4 | 57 | 10.7 | 13 | 1 | 4 | 7 | 6 | 12 | 0 |
| ST. AUGUSTINE UWI | 0 | 6 | 52 | 67 | 75 | 66 | 56 | 66 | 57 | 54 | 48 | 22 | 0 | 0 | 170.7 | 49 | 9.9 | 25 | 1 | 6 | 8 | 9 | 6 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| LOUIS D'OR | 0 | 9 | 69 | 85 | 80 | 84 | 88 | 92 | 86 | 81 | 66 | 47 | 0 | 0 | 236.2 | 68 | 10.1 | 24 | 0 | 0 | 4 | 19 | 7 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 17 | 56 | 64 | 64 | 72 | 80 | 78 | 67 | 61 | 49 | 26 | 3 | 0 | 190.6 | 55 | 10.0 | 14 | 0 | 4 | 6 | 16 | 4 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| GRANTLEY ADAMS AIRPORT | 0 | 14 | 74 | 91 | 90 | 94 | 90 | 92 | 92 | 84 | 80 | 73 | 22 | 0 | 268.8 | 77 | 11.0 | 14 | 0 | 1 | 1 | 8 | 20 | 0 |
| GIBBONS BOGGS | 0 | 5 | 63 | 84 | 80 | 83 | 86 | 90 | 92 | 84 | 73 | 63 | 8 | 0 | 243.2 | 70 | 10.6 | 13 | 0 | 1 | 5 | 10 | 14 | 0 |
| HUSBANDS CMI | 0 | 24 | 79 | 84 | 88 | 92 | 92 | 92 | 86 | 82 | 79 | 67 | 17 | 0 | 264.6 | 76 | 10.9 | 13 | 0 | 1 | 3 | 6 | 20 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 2 | 56 | 76 | 89 | 84 | 88 | 89 | 87 | 81 | 81 | 72 | 16 | 0 | 246.5 | 71 | 10.2 | 13 | 0 | 2 | 1 | 12 | 15 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 0 | 5 | 48 | 64 | 69 | 73 | 75 | 82 | 80 | 81 | 69 | 35 | 7 | 0 | 206.0 | 60 | 9.7 | 24 | 0 | 5 | 3 | 19 | 3 | 0 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 0 | 9 | 67 | 89 | 89 | 91 | 88 | 94 | 97 | 94 | 89 | 83 | 23 | 2 | 274.7 | 81 | 10.7 | 20 | 0 | 1 | 1 | 4 | 24 | 0 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 0 | 4 | 44 | 54 | 53 | 52 | 59 | 63 | 55 | 46 | 45 | 36 | 5 | 0 | 154.9 | 46 | 10.2 | 2 | 1 | 10 | 5 | 6 | 8 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS NOVEMBER 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 0 | 2 | 27 | 34 | 49 | 52 | 65 | 62 | 61 | 55 | 44 | 33 | 4 | 0 | 146.0 | 43 | 10.3 | 10 | 2 | 7 | 9 | 7 | 3 | 0 |
| BELMOPAN | 0 | 4 | 23 | 35 | 49 | 58 | 57 | 56 | 58 | 58 | 55 | 48 | 6 | 0 | 152.0 | 45 | 10.1 | 14 | 3 | 6 | 7 | 11 | 3 | 0 |
| BIG FALLS | 0 | 0 | 19 | 43 | 57 | 58 | 63 | 56 | 54 | 56 | 54 | 46 | 12 | 0 | 155.5 | 46 | 10.1 | 12 | 2 | 7 | 9 | 8 | 4 | 0 |
| CENTRAL FARM | 0 | 2 | 21 | 31 | 42 | 50 | 62 | 63 | 56 | 52 | 49 | 29 | 4 | 0 | 138.7 | 41 | 9.8 | 15 | 3 | 6 | 11 | 9 | 1 | 0 |
| TOLEDO | 0 | 2 | 32 | 47 | 53 | 58 | 58 | 59 | 58 | 57 | 45 | 33 | 6 | 0 | 152.5 | 44 | 9.7 | 11 | 1 | 5 | 12 | 9 | 3 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNA REGINA | 0 | 17 | 50 | 53 | 57 | 61 | 65 | 66 | 61 | 62 | 49 | 41 | 5 | 0 | 176.1 | 50 | 10.2 | 11 | 4 | 4 | 4 | 9 | 8 | 0 |
| EBINI L.S. | 0 | 7 | 39 | 64 | 70 | 78 | 81 | 75 | 71 | 65 | 53 | 41 | 13 | 0 | 197.0 | 55 | 10.3 | 27 | 0 | 2 | 7 | 18 | 3 | 0 |
| FRIENDSHIP | 0 | 10 | 61 | 69 | 73 | 76 | 78 | 71 | 67 | 58 | 53 | 50 | 10 | 0 | 204.2 | 57 | 10.4 | 8 | 0 | 4 | 6 | 13 | 7 | 0 |
| GEORGETOWN B.G. | 0 | 12 | 56 | 53 | 58 | 62 | 60 | 60 | 61 | 53 | 50 | 44 | 11 | 0 | 174.1 | 49 | 10.6 | 5 | 3 | 6 | 4 | 11 | 6 | 0 |
| KAMARANG | 0 | 2 | 27 | 39 | 56 | 54 | 60 | 61 | 64 | 68 | 48 | 38 | 11 | 0 | 158.2 | 46 | 8.7 | 1 | 1 | 6 | 10 | 13 | 0 | 0 |
| LETHEM AIRSTRIP | 0 | 10 | 62 | 67 | 78 | 85 | 84 | 82 | 86 | 86 | 86 | 76 | 21 | 0 | 247.1 | 68 | 10.5 | 9 | 0 | 1 | 3 | 11 | 15 | 0 |
| MAHAICONY | 0 | 9 | 46 | 50 | 63 | 70 | 74 | 76 | 71 | 65 | 53 | 43 | 10 | 0 | 188.6 | 53 | 10.7 | 5 | 2 | 3 | 6 | 13 | 6 | 0 |
| MON REPOS | 0 | 10 | 52 | 63 | 69 | 65 | 62 | 63 | 64 | 60 | 51 | 50 | 9 | 0 | 185.2 | 52 | 10.7 | 5 | 2 | 5 | 5 | 11 | 7 | 0 |
| NEW AMSTERDAM | 0 | 7 | 47 | 49 | 71 | 76 | 79 | 79 | 78 | 79 | 67 | 50 | 15 | 0 | 209.1 | 59 | 10.6 | 5 | 2 | 1 | 6 | 14 | 7 | 0 |
| SKELDON FRONT | 0 | 26 | 71 | 72 | 78 | 78 | 61 | 69 | 62 | 65 | 69 | 60 | 17 | 0 | 218.0 | 61 | 10.6 | 3 | 0 | 4 | 6 | 10 | 10 | 0 |
| TIBOKU | 0 | 0 | 20 | 34 | 44 | 57 | 61 | 56 | 57 | 55 | 51 | 33 | 9 | 0 | 142.9 | 40 | 8.3 | 10 | 0 | 6 | 15 | 9 | 0 | 0 |
| TIMEHRI AIRPORT | 0 | 7 | 46 | 57 | 53 | 49 | 37 | 43 | 34 | 39 | 36 | 30 | 5 | 0 | 130.8 | 37 | 10.0 | 9 | 4 | 3 | 14 | 5 | 3 | 0 |
| WAUNA | 0 | 9 | 51 | 61 | 58 | 56 | 43 | 46 | 46 | 33 | 20 | 17 | 7 | 0 | 134.0 | 38 | 9.3 | 25 | 2 | 6 | 13 | 9 | 0 | 0 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 50 | 08 | 76.8 | 74.9 | 28.7 | 91 | | | | | | | | | | | | | | | | | |
| PENAL | 25 | 08 | 78.8 | 76.2 | 29.6 | 88 | | | | | | | | | | | | | | | | | |
| ST. AUGUSTINE UWI | | 09 | 81.9 | 76.2 | 28.5 | 77 | | | | | | | | | | | | | | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | | 08 | 80.1 | 75.5 | 28.2 | 81 | 1013.6 | 4.7 | 5.0 | 0 | 4 | 8 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 7 | 17 |
| | | 14 | 83.5 | 76.8 | 28.7 | 73 | 1011.5 | 7.0 | 4.7 | 0 | 5 | 13 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 11 | 18 |
| | | 20 | 76.8 | 73.6 | 26.7 | 85 | 1012.6 | 1.6 | 3.9 | 0 | 12 | 7 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 20 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 450 | 08 | 79.4 | 75.2 | 28.0 | 82 | | | 6.1 | 0 | 0 | 9 | 17 | 5 | 0 | | | | | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | |
| GRANTLEY ADAMS AIRPORT | 183 | 02 | 75.0 | 72.7 | 26.3 | 89 | 1012.3 | 6.5 | 3.9 | 1 | 7 | 16 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| | | 08 | 78.4 | 74.7 | 27.8 | 84 | 1014.4 | 8.5 | 4.6 | 0 | 7 | 12 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 82.6 | 75.7 | 27.4 | 72 | 1012.2 | 10.3 | 4.2 | 0 | 0 | 5 | 17 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 20 | 76.5 | 73.2 | 26.6 | 86 | 1013.7 | 6.3 | 4.1 | 0 | 8 | 12 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| GIBBONS BOGGS | | 09 | 82.2 | 77.1 | 29.6 | 79 | | | | | | | | | | | | | | | | | |
| HUSBANDS CMI | 370 | 08 | 78.1 | 74.3 | 27.3 | 83 | 1014.5 | 5.3 | 4.2 | 0 | 7 | 13 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 28 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 15 | 08 | 79.6 | 74.5 | 26.9 | 78 | | | | | | | | | | | | | | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 21 | 08 | 80.5 | 74.9 | 27.0 | 76 | 1013.5 | 10.0 | 4.5 | 0 | 6 | 13 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 28 |
| | | 14 | 83.8 | 76.6 | 28.1 | 71 | 1011.6 | 10.6 | 4.6 | 0 | 5 | 14 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 30 |
| ROSEAU WINBAN | | 09 | 80.7 | 75.1 | 27.3 | 76 | | | | | | | | | | | | | | | | | |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY: DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights): MEAN AMT | Number of Observations: 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards: 0-440 | 440-1,100 | 1,100-2,200 | miles: ½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | | 08 | 77.2 | 73.7 | 26.8 | 84 | 1014.8 | 9.0 | 5.1 | 0 | 3 | 16 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 13 | 16 |
| | | 14 | 82.3 | 76.4 | 28.4 | 75 | 1013.1 | 9.0 | 4.9 | 0 | 2 | 19 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 14 |
| ANTIGUA | | | | | | | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 26 | 02 | 76.1 | 72.3 | 25.5 | 83 | 1013.5 | 9.0 | 3.2 | 2 | 12 | 10 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 08 | 78.1 | 73.4 | 26.1 | 79 | 1014.9 | 9.2 | 4.5 | 0 | 8 | 11 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| | | 14 | 82.4 | 74.8 | 26.3 | 69 | 1013.2 | 10.8 | 4.9 | 0 | 1 | 19 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 20 | 77.2 | 73.4 | 26.4 | 83 | 1014.4 | 8.4 | 3.8 | 0 | 6 | 18 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | |
| GOLDEN ROCK AIRPORT | | 08 | 78.0 | 73.0 | 25.4 | 78 | 1016.0 | 9.3 | 4.8 | 0 | 4 | 12 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | 14 | 82.2 | 74.4 | 25.5 | 68 | 1014.4 | 11.6 | 5.2 | 0 | 2 | 13 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| LA GUERITE | 158 | 09 | 80.1 | 76.4 | 29.7 | 85 | | | | | | | | | | | | | | | | | |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | | 09 | 78.6 | 72.4 | 24.6 | 74 | | 10.0 | 3.5 | 1 | 13 | 11 | 3 | 3 | 0 | | | | | | | | |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 17 | 00 | 69.4 | 68.6 | 23.7 | 97 | 1017.3 | 5.0 | 4.6 | 4 | 4 | 7 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 19 |
| | | 06 | 67.4 | 66.7 | 22.4 | 98 | 1017.1 | 3.9 | 5.5 | 2 | 5 | 2 | 18 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 12 | 17 |
| | | 12 | 77.3 | 71.5 | 24.0 | 75 | 1017.4 | 9.2 | 5.4 | 0 | 5 | 9 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 25 |
| | | 18 | 73.5 | 70.9 | 24.9 | 88 | 1016.1 | 3.4 | 5.2 | 0 | 6 | 8 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 20 |

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1980

| COUNTRY STATION | HEIGHT ABOVE MSL ft | HOUR LST | MEAN TEMPERATURE AND HUMIDITY DRY BULB °F | WET BULB °F | VAPOUR PRESS mb | REL HUM % | MEAN PRESSURE REDUCED TO MSL mb | MEAN WIND SPEED kt | TOTAL CLOUD AMOUNT (eights) MEAN AMT | Number of Observations 0 | 1,2 | 3-5 | 6,7 | 8 | 9 | VISIBILITY (No. of Observations) yards 0-440 | 440-1,100 | 1,100-2,200 | miles 1½-2 | 2 - 3 | 3 - 5 | 5 - 10 | 10 or more |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | |
| DAWA | | 08 | 76.3 | 75.0 | 29.1 | 94 | | | | | | | | | | | | | | | | | |
| | | 14 | 83.1 | 77.1 | 29.2 | 76 | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 94 | 08 | 76.9 | 75.1 | 29.0 | 92 | 1013.2 | 1.1 | 5.8 | 0 | 3 | 8 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 20 | 10 |
| | | 14 | 84.1 | 76.5 | 27.8 | 70 | 1009.9 | 5.4 | 5.8 | 0 | 0 | 11 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 19 |
| GREAT FALLS | | 08 | 74.5 | 73.5 | 27.8 | 96 | | | | | | | | | | | | | | | | | |
| GREAT FALLS | | 14 | 84.7 | 79.5 | 32.2 | 79 | | | | | | | | | | | | | | | | | |
| KAMARANG | 1625 | 08 | 71.3 | 69.9 | 24.4 | 93 | 1016.7 | 0.0 | 6.5 | 1 | 7 | 14 | 7 | 2 | 0 | 0 | 0 | 5 | 1 | 1 | 13 | 5 | 6 |
| | | 14 | 80.6 | 73.5 | 24.7 | 69 | 1012.3 | 3.6 | 5.9 | 0 | 0 | 10 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21 |
| LETHEM AIRSTRIP | 326 | 08 | 80.6 | 75.5 | 27.8 | 78 | 1014.0 | 7.8 | 5.3 | 0 | 2 | 13 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 1 |
| | | 14 | 90.3 | 78.4 | 27.8 | 57 | 1010.7 | 7.6 | 5.2 | 0 | 0 | 16 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 |
| MABARUMA | 168 | 08 | 75.3 | 74.0 | 28.1 | 94 | 1012.2 | 2.5 | 4.6 | 0 | 7 | 10 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 10 | 18 |
| | | 14 | 82.7 | 75.9 | 27.6 | 72 | 1009.9 | 4.4 | 5.1 | 0 | 4 | 11 | 14 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 4 | 23 |
| MAHAICONY | 6 | 08 | 79.4 | 75.9 | 29.0 | 85 | | | | | | | | | | | | | | | | | |
| | | 14 | 82.0 | 77.0 | 29.4 | 79 | | | | | | | | | | | | | | | | | |
| MAZARUNI | | 08 | 76.5 | 75.1 | 29.1 | 93 | | | | | | | | | | | | | | | | | |
| MAZARUNI | | 14 | 82.5 | 75.2 | 26.6 | 70 | | | | | | | | | | | | | | | | | |
| MON REPOS | | 08 | 78.7 | 77.2 | 31.3 | 93 | | | | | | | | | | | | | | | | | |
| | | 14 | 81.3 | 78.9 | 32.8 | 90 | | | | | | | | | | | | | | | | | |
| TIMEHRI AIRPORT | 100 | 02 | 73.1 | 72.7 | 27.1 | 97 | 1010.6 | 0.5 | 2.7 | 9 | 10 | 5 | 7 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 7 | 21 | 0 |
| | | 08 | 76.7 | 74.9 | 28.8 | 92 | 1013.0 | 1.8 | 4.7 | 0 | 10 | 5 | 10 | 6 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 22 | 7 |
| TIMEHRI AIRPORT | 100 | 14 | 82.9 | 76.0 | 27.6 | 72 | 1010.2 | 6.5 | 5.8 | 0 | 0 | 12 | 17 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 19 | 9 |
| | | 20 | 75.5 | 74.3 | 28.4 | 94 | 1011.4 | 2.2 | 4.0 | 1 | 9 | 10 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 3 |
| WAUNA | | 08 | 77.9 | 75.6 | 29.2 | 90 | | 1.2 | 4.2 | 0 | 1 | 23 | 6 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 24 | 6 | 0 |
| | | 14 | 81.9 | 76.4 | 28.7 | 77 | | 5.6 | 5.6 | 0 | 0 | 12 | 18 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 1 | 26 |

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRINIDAD | | | | | | | | | | | | | | | | | |
| CENTENO | 8.17 | 3.31 | 28 | 10 | 5 | 2 | 85.8 | 69.1 | 77.4 | 89 | 64 | | 217.4 | | | | |
| PENAL | 6.26 | 2.54 | 28 | 13 | 3 | 2 | 86.8 | 68.6 | 77.7 | 90 | 64 | | 215.7 | | | | |
| PIARCO AIRPORT | 7.75 | 3.23 | 28 | 13 | 2 | 1 | 87.1 | 71.2 | 79.2 | 90 | 66 | 68.0 | 220.6 | 0 | 3 | 0 | 0 |
| ST. AUGUSTINE UWI | 6.11 | 1.19 | 15 | 15 | 5 | 2 | 91.0 | 70.6 | 80.8 | 102 | 66 | | 193.3 | | | | |
| TOBAGO | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 5.69 | 1.47 | 11 | 13 | 4 | 1 | 86.2 | 72.9 | 79.6 | 88 | 72 | | 237.0 | | | | |
| GRENADA | | | | | | | | | | | | | | | | | |
| MIRABEAU | 8.62 | 1.65 | 11 | 18 | 7 | 3 | | | | | | | 200.3 | | | | |
| BARBADOS | | | | | | | | | | | | | | | | | |
| G. ADAMS AIRPORT | 3.44 | 1.07 | 9 | 13 | 2 | 1 | 84.2 | 72.1 | 78.1 | 86 | 66 | | 262.5 | | | | |
| GIBBONS BOGGS | 3.82 | 1.32 | 9 | 17 | 2 | 1 | 85.7 | 66.5 | 76.1 | 88 | 64 | | 233.3 | | | | |
| HUSBANDS CMI | 3.64 | 1.47 | 7 | 14 | 2 | 1 | 85.5 | 71.6 | 78.6 | 90 | 66 | | 243.2 | | | | |
| ST. VINCENT | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 8.29 | 1.75 | 7 | 15 | 7 | 3 | 85.6 | 72.1 | 79.0 | 88 | 68 | | 225.1 | | | | |
| ST. LUCIA | | | | | | | | | | | | | | | | | |
| HEWANORRA AIRPORT | 9.14 | 2.07 | 9 | 20 | 7 | 3 | 84.8 | 73.6 | 79.2 | 87 | 69 | | | 2 | 0 | 0 | 0 |
| ROSEAU WINBAN | 10.61 | 3.07 | 9 | 16 | 6 | 4 | 84.8 | 70.5 | 77.7 | 87 | 66 | | 221.3 | | | | |
| DOMINICA | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 6.52 | 1.34 | 14 | 21 | 4 | 2 | 83.8 | 72.4 | 78.1 | 86 | 68 | | 186.6 | | | | |
| ANTIGUA | | | | | | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 3.82 | 1.10 | 14 | 12 | 2 | 1 | 83.8 | 73.8 | 78.8 | 86 | 68 | | | | | | |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | |
| LA GUERITE | 2.96 | .61 | 2 | 10 | 3 | 0 | 84.7 | 72.8 | 78.8 | 90 | 69 | | 245.1 | | | | |

TABLE II SUMMARY OF DAILY OBSERVATIONS DECEMBER 1980

| COUNTRY STATION | RAINFALL (inches) TOTAL AMOUNT | MOST IN A DAY | DATE | NUMBER OF DAYS WITH, OR .04 | .40 | 1.00 | AIR TEMPERATURE °F MEAN MAX A | MEAN MIN B | MEAN ½(A+B) | EXTREMES MAX | MIN | MEAN GRASS MIN °F | TOTAL SUNSHINE DURATION HR | NO OF DAYS WITH THUNDER | FOG | HAIL | GALE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 3.20 | 1.35 | 9 | 6 | 3 | 1 | 82.0 | 73.6 | 77.8 | 86 | 66 | | 191.4 | | | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 11.63 | 2.45 | 12 | 15 | 8 | 5 | 80.5 | 66.5 | 73.5 | 85 | 57 | | 179.7 | | | | |
| BELMOPAN | 10.67 | 2.79 | 11 | 14 | 6 | 5 | 78.6 | 64.6 | 71.6 | 85 | 52 | | 148.8 | | | | |
| BIG FALLS | 7.69 | 1.69 | 12 | 14 | 6 | 3 | 80.3 | 63.4 | 71.9 | 85 | 52 | | 161.7 | | | | |
| CENTRAL FARM | 8.23 | 1.66 | 10 | 15 | 8 | 1 | 81.1 | 63.2 | 72.1 | 86 | 50 | | 154.7 | 0 | 7 | 0 | 0 |
| TOLEDO | 5.50 | .98 | 11 | 17 | 5 | 0 | 81.2 | 64.7 | 72.9 | 86 | 51 | | | | | | |
| GUYANA | | | | | | | | | | | | | | | | | |
| DAWA | 12.38 | 2.25 | 24 | 21 | 10 | 4 | 85.5 | 70.8 | 78.1 | 89 | 66 | | | | | | |
| EBINI L.S. | 5.57 | 1.74 | 2 | 18 | 4 | 1 | 87.2 | 72.6 | 79.9 | 90 | 68 | | 174.7 | 6 | 25 | 0 | 0 |
| GREAT FALLS | 8.32 | 2.60 | 26 | 21 | 5 | 2 | 88.2 | 70.3 | 79.2 | 90 | 65 | | | 7 | 12 | 0 | 0 |
| KAMARANG | 8.51 | 1.94 | 4 | 19 | 9 | 2 | 83.2 | 67.5 | 75.4 | 85 | 63 | 67.6 | 150.1 | 1 | 27 | 0 | 0 |
| LETHEM AIRSTRIP | .12 | .12 | 9 | 1 | 0 | 0 | 92.5 | 74.1 | 83.3 | 95 | 73 | | 260.0 | 1 | 0 | 0 | 0 |
| MABARUMA | 7.20 | 1.52 | 15 | 16 | 7 | 2 | | 72.4 | | | 70 | | | 3 | 0 | 0 | 0 |
| MAHAICONY | 7.86 | 1.56 | 20 | 14 | 7 | 4 | 84.2 | 75.7 | 79.9 | 86 | 73 | | 202.9 | 3 | 0 | 0 | 0 |
| MAZARUNI | 8.33 | 1.03 | 22 | 17 | 9 | 2 | 84.3 | 73.2 | 78.7 | 89 | 71 | | | | | | |
| PLAINTAIN ISLAND | 5.94 | 1.20 | 23 | 18 | 4 | 1 | | | | | | | | | | | |
| TIMEHRI AIRPORT | 15.90 | 3.49 | 4 | 18 | 12 | 5 | 86.1 | 71.2 | 78.6 | 90 | 69 | | 192.4 | 6 | 11 | 0 | 0 |
| WAUNA | 5.43 | .92 | 15 | 13 | 6 | 0 | 86.6 | 69.0 | 77.8 | 90 | 66 | | 191.0 | 0 | 24 | 0 | 0 |

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS DECEMBER 1980

| COUNTRY / STATION | RUN OF WIND (n. miles) | | EVAPORATION (inches) | | | TOTAL RADIATION (langleys) | | |
|---|---|---|---|---|---|---|---|---|
| | DAILY MEAN | MOST IN A DAY | TOTAL AMOUNT | MOST IN A DAY | DATE | TOTAL AMOUNT | MOST IN A DAY | LEAST IN A DAY |
| TRINIDAD | | | | | | | | |
| CENTENO | 53 | 76 | 5.01 | .30 | [illegible] | | | |
| PENAL | 44 | 69 | 4.34 | .20 | 5 | | | |
| PIARCO AIRPORT | 50 | 78 | 5.98M | .43 | 5 | | | |
| ST. AUGUSTINE UWI | 41 | 62 | 3.73M | .32 | 24 | | | |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | 57 | 100 | 6.09 | .25 | 5 | | | |
| GRENADA | | | | | | | | |
| MIRABEAU | 71 | 125 | | | | | | |
| BARBADOS | | | | | | | | |
| GIBBONS BOGGS | 108 | 185 | | | | | | |
| HUSBANDS CMI | 68 | 111 | 4.30 | .35 | 29 | 14374 | 603 | 186 |
| ST. VINCENT | | | | | | | | |
| CAMDEN PARK | 23 | 60 | 4.64 | .39 | 21 | | | |
| ST. LUCIA | | | | | | | | |
| ROSEAU WINBAN | 21 | 50 | 3.48 | .23 | 17 | | | |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | 133 | 277 | 5.47 | .30 | 6 | 11216 | 485 | 175 |
| ST. KITTS/NEVIS | | | | | | | | |
| LA GUERITE | 103 | 209 | 5.27 | .28 | 12 | | | |
| BELIZE | | | | | | | | |
| BELIZE AIRPORT | 63 | 149 | | | | | | |
| BIG FALLS | 45 | 85 | | | | | | |
| CENTRAL FARM | 10 | 29 | 3.00M | .24 | 7 | | | |
| TOLEDO | 22 | 50 | 3.90M | .62 | 21 | | | |
| GUYANA | | | | | | | | |
| DAWA | 43 | 66 | 4.41 | .27 | 24 | | | |
| EBINI L.S. | 62 | 93 | 5.26 | .24 | 22 | 10908 | 408 | 227 |
| GREAT FALLS | | | 3.41 | .19 | 24 | | | |
| KAMARANG | 59 | 87 | 4.85 | .26 | 16 | | | |
| LETHEM AIRSTRIP | 315 | 378 | 9.90 | .41 | 13 | 15921 | 595 | 373 |
| MAHAICONY | 140 | 350 | 5.93M | .27 | 7 | | | |
| PLANTAIN ISLAND | | | 3.81 | .29 | 13 | | | |
| TIMEHRI AIRPORT | 52 | 80 | 5.17M | .27 | 28 | 10231 | 489 | 166 |
| WAUNA | 41 | 68 | | | | | | |

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS DECEMBER 1980

| 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 | .40 | .59 | 1.18 | 1.48 | 1.48 | 2.17 | 2.31 |
| PENAL | .24 | .40 | .48 | .64 | .69 | .76 | 1.58 | 1.88 |
| ST. AUGUSTINE UWI | | .40 | .62 | .79 | .87 | .87 | .98 | 1.19 |
| TOBAGO | | | | | | | | |
| CROWN POINT AIRPORT | .31 | .59 | .87 | .90 | .90 | .90 | .91 | 1.42 |
| BARBADOS | | | | | | | | |
| GRANTLEY ADAMS AIRPORT | .06 | .11 | .16 | .31 | .33 | .58 | 1.05 | 1.08 |
| GIBBONS BOGGS | .26 | .35 | .45 | .49 | .49 | .82 | 1.29 | 1.29 |
| HUSBANDS OMI | .21 | .35 | .39 | .52 | .65 | .65 | 1.04 | 1.45 |
| ST. KITTS/NEVIS | | | | | | | | |
| LA GUERITE | .13 | .18 | .28 | .49 | .49 | .49 | .61 | .61 |
| CAYMAN ISLANDS | | | | | | | | |
| WEST BAY G.C. | .21 | .33 | .34 | .49 | .73 | 1.03 | 1.11 | 1.11 |
| GUYANA | | | | | | | | |
| APAIKWA | .26 | .32 | .39 | .52 | .99 | 1.09 | 1.14 | 1.21 |
| DAWA | .31 | .35 | .40 | .64 | .68 | .86 | 1.43 | 1.45 |
| EBINI L.S. | .18 | .25 | .34 | .36 | .36 | .76 | 1.33 | 1.52 |
| GREAT FALLS | .41 | .49 | .61 | 1.17 | 1.17 | 1.17 | 1.75 | 2.48 |
| KAIRUNI | .39 | .73 | .78 | 1.28 | 1.28 | 1.28 | 1.28 | 1.28 |
| KAMARANG | .25 | .26 | .27 | .40 | .58 | .90 | 1.75 | 1.94 |
| LETHEM AIRSTRIP | .08 | .11 | .11 | .12 | .12 | .12 | .12 | .12 |
| MAHAICONY | .33 | .45 | .61 | .82 | 1.12 | 1.30 | 1.44 | 1.48 |
| NEW AMSTERDAM | .20 | .24 | .27 | .80 | .95 | .95 | 1.13 | 1.13 |
| PLAINTAIN ISLAND | .42 | .66 | .66 | .81 | .81 | .81 | 1.14 | 1.14 |
| TIMEHRI AIRPORT | .30 | .53 | .83 | 1.42 | 1.89 | 2.67 | 3.43 | 3.58 |
| WAUNA | .14 | .14 | .17 | .28 | .35 | .51 | .80 | .90 |

TABLE V - SUMMARY OF WINDSPEED RECORDS DECEMBER 1980

| COUNTRY STATION | HIGHEST HOURLY WIND kt | | | | HIGHEST GUST kt | | | | NO. OF HOURS WITH GUSTS EXCEEDING | | | MEAN WIND SPEED kt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DIRN | SPEED | HOUR ENDED | DATE | DIRN | SPEED | TIME LST | DATE | 33 | 47 | 63 | |
| TRINIDAD | | | | | | | | | | | | |
| CENTENO | 10 | 16 | 14 | 10 | 10 | 29 | 1325 | 10 | 0 | 0 | 0 | 2.8 |
| PIARCO AIRPORT | 07 | 14 | 13 | 10 | 08 | 27 | 1220 | 10 | 0 | 0 | 0 | 3.8 |
| TOBAGO | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 10 | 14 | 13 | 16 | 12 | 20 | 1135 | 10 | 0 | 0 | 0 | 4.1 |
| BARBADOS | | | | | | | | | | | | |
| HUSBANDS CMI | 11 | 14 | 12 | 16 | 11 | 24 | 1125 | 16 | 0 | 0 | 0 | 6.1 |
| ANTIGUA | | | | | | | | | | | | |
| COOLIDGE AIRPORT | 08 | 20 | 19 | 10 | 08 | 30 | 1850 | 10 | 0 | 0 | 0 | 9.3 |
| ST. KITTS/NEVIS | | | | | | | | | | | | |
| LA GUERITE | 03 | 20 | 11 | 10 | 03 | 35 | 1100 | 10 | 3 | 0 | 0 | 8.4 |
| CAYMAN ISLANDS | | | | | | | | | | | | |
| WEST BAY G.C. | 06 | 18 | 12 | 21 | 06 | 33 | 1050 | 21 | 0 | 0 | 0 | 9.5 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS DECEMBER 1980

| COUNTRY STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| TRINIDAD | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTENO | 0 | 2 | 42 | 79 | 79 | 78 | 77 | 79 | 70 | 72 | 59 | 51 | 13 | 0 | 217.4 | 61 | 10.0 | 1 | 1 | 3 | 3 | 12 | 10 | 0 |
| PENAL | 0 | 12 | 69 | 77 | 80 | 71 | 76 | 72 | 63 | 63 | 57 | 48 | 10 | 0 | 215.7 | 60 | 10.3 | 5 | 0 | 5 | 3 | 16 | 7 | 0 |
| PIARCO AIRPORT | 0 | 10 | 74 | 77 | 81 | 78 | 73 | 73 | 68 | 61 | 61 | 47 | 8 | 0 | 220.6 | 62 | 10.5 | 5 | 2 | 2 | 3 | 14 | 10 | 0 |
| ST. AUGUSTINE UWI | 0 | 8 | 70 | 79 | 78 | 77 | 63 | 64 | 63 | 56 | 45 | 19 | 0 | 0 | 193.3 | 54 | 9.5 | 15 | 0 | 3 | 9 | 15 | 4 | 0 |
| TOBAGO | | | | | | | | | | | | | | | | | | | | | | | | |
| CROWN POINT AIRPORT | 0 | 15 | 66 | 79 | 83 | 80 | 87 | 83 | 75 | 67 | 56 | 59 | 14 | 0 | 237.0 | 66 | 10.8 | 30 | 1 | 1 | 7 | 10 | 12 | 0 |
| GRENADA | | | | | | | | | | | | | | | | | | | | | | | | |
| MIRABEAU | 0 | 12 | 52 | 66 | 72 | 81 | 79 | 70 | 66 | 60 | 50 | 34 | 4 | 0 | 200.3 | 57 | 10.0 | 22 | 3 | 2 | 2 | 19 | 5 | 0 |
| BARBADOS | | | | | | | | | | | | | | | | | | | | | | | | |
| GRANTLEY ADAMS AIRPORT | 0 | 10 | 65 | 76 | 81 | 85 | 91 | 91 | 89 | 85 | 85 | 73 | 16 | 0 | 262.5 | 74 | 10.8 | 30 | 0 | 3 | 2 | 6 | 20 | 0 |
| GIBBONS BOGGS | 0 | 1 | 50 | 67 | 70 | 79 | 81 | 89 | 86 | 80 | 75 | 65 | 8 | 0 | 233.3 | 66 | 10.3 | 30 | 1 | 3 | 1 | 15 | 11 | 0 |
| HUSBANDS CMI | 0 | 16 | 60 | 74 | 74 | 76 | 83 | 83 | 79 | 77 | 79 | 66 | 17 | 0 | 243.2 | 69 | 10.7 | 21 | 1 | 3 | 2 | 12 | 13 | 0 |
| ST. VINCENT | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMDEN PARK | 0 | 0 | 38 | 68 | 75 | 83 | 84 | 83 | 84 | 76 | 68 | 56 | 10 | 0 | 225.1 | 64 | 10.0 | 6 | 1 | 2 | 2 | 19 | 7 | 0 |
| DOMINICA | | | | | | | | | | | | | | | | | | | | | | | | |
| MELVILLE HALL AIRPORT | 0 | 0 | 35 | 59 | 66 | 70 | 71 | 75 | 72 | 66 | 56 | 31 | 1 | 0 | 186.6 | 54 | 9.7 | 4 | 1 | 6 | 5 | 15 | 4 | 0 |
| ST. KITTS/NEVIS | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GUERITE | 0 | 6 | 51 | 67 | 80 | 86 | 82 | 84 | 85 | 84 | 79 | 70 | 17 | 1 | 245.1 | 71 | 11.1 | 14 | 1 | 3 | 3 | 6 | 18 | 0 |
| CAYMAN ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST BAY G.C. | 0 | 1 | 46 | 71 | 73 | 69 | 66 | 62 | 61 | 66 | 60 | 42 | 1 | 0 | 191.4 | 56 | 10.1 | 12 | 1 | 5 | 8 | 9 | 8 | 0 |

TABLE VI - SUMMARY OF SUNSHINE RECORDS DECEMBER 1980

| COUNTRY / STATION | MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time) | | | | | | | | | | | | | | TOTAL DURATION (hours) | PERCENT OF POSSIBLE | MOST IN A DAY | DATE | NO OF DAYS WITH AMOUNTS WITHIN THE RANGES(hours) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | | | | | NIL | 0.1-3.0 | 3.1-6.0 | 6.1-9.0 | 9.1-12.0 | MORE THAN 12 |
| BELIZE | | | | | | | | | | | | | | | | | | | | | | | | |
| BELIZE AIRPORT | 0 | 1 | 36 | 54 | 61 | 68 | 69 | 67 | 68 | 61 | 66 | 43 | 5 | 0 | 179.7 | 54 | 10.2 | 29 | 3 | 4 | 9 | 7 | 7 | 0 |
| BELMOPAN | 0 | 11 | 37 | 42 | 50 | 50 | 53 | 59 | 53 | 48 | 43 | 34 | 2 | 0 | 148.8 | 43 | 10.4 | 15 | 4 | 7 | 8 | 4 | 6 | 0 |
| BIG FALLS | 0 | 0 | 33 | 45 | 55 | 59 | 58 | 58 | 59 | 50 | 54 | 48 | 3 | 0 | 161.7 | 47 | 10.0 | 14 | 2 | 8 | 8 | 8 | 5 | 0 |
| CENTRAL FARM | 0 | 1 | 4 | 25 | 58 | 62 | 66 | 66 | 55 | 62 | 54 | 38 | 8 | 0 | 154.7 | 45 | 9.0 | 30 | 0 | 7 | 12 | 12 | 0 | 0 |
| GUYANA | | | | | | | | | | | | | | | | | | | | | | | | |
| EBINI L.S. | 0 | 0 | 23 | 50 | 67 | 71 | 69 | 68 | 64 | 58 | 45 | 38 | 12 | 0 | 17[illegible].7 | 48 | 9.0 | 14 | 0 | 5 | 10 | 16 | 0 | 0 |
| FRIENDSHIP | 0 | 6 | 41 | 74 | 76 | 70 | 68 | 67 | 71 | 65 | 57 | 60 | 13 | 0 | 207.5 | 57 | 10.1 | 6 | 0 | 0 | 6 | 13 | 6 | 0 |
| KAMARANG | 0 | 1 | 11 | 34 | 46 | 50 | 54 | 67 | 60 | 65 | 56 | 45 | 0 | 0 | 150.1 | 41 | 9.9 | 10 | 0 | 6 | 16 | 8 | 1 | 0 |
| LETHEM AIRSTRIP | 0 | 14 | 55 | 66 | 74 | 85 | 92 | 89 | 85 | 83 | 86 | 82 | 27 | 0 | 260.0 | 71 | 11.0 | 15 | 0 | 0 | 5 | 11 | 15 | 0 |
| MAHAICONY | 0 | 5 | 46 | 54 | 61 | 72 | 76 | 72 | 74 | 64 | 61 | 56 | 14 | 0 | 202.9 | 55 | 10.[illegible] | 6 | 2 | 4 | 6 | 8 | 11 | 0 |
| MON REPOS | 0 | 9 | 41 | 58 | 62 | 66 | 66 | 71 | 74 | 67 | 61 | 52 | 6 | 0 | 196.2 | 54 | 10.3 | 2 | 0 | 6 | 8 | 6 | 11 | 0 |
| NEW AMSTERDAM | 0 | 0 | 46 | 59 | 66 | 71 | 70 | 73 | 71 | 78 | 74 | 60 | 18 | 0 | 212.8 | 58 | 10.6 | 30 | 1 | 3 | 6 | 11 | 10 | 0 |
| TIBOKU | 0 | 4 | 39 | 53 | 54 | 54 | 51 | 55 | 51 | 37 | 35 | 18 | 0 | 0 | 135.0 | 38 | 8.8 | 16 | 1 | 9 | 8 | 11 | 0 | 0 |
| TIMEHRI AIRPORT | 0 | 7 | 55 | 66 | 69 | 66 | 61 | 65 | 60 | 56 | 56 | 48 | 13 | 0 | 192.4 | 53 | 10.4 | 2 | 1 | 8 | 6 | 4 | 10 | 0 |
| WAUNA | 0 | 9 | 58 | 69 | 73 | 67 | 65 | 68 | 53 | 55 | 50 | 39 | 9 | 0 | 191.0 | 53 | 10.6 | 31 | 0 | 6 | 9 | 8 | 8 | 0 |