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JAMAICA

# WEATHER REPORT

FOR THE MONTH OF

## JULY, 1900.

### METEOROLOGICAL RESULTS.

The Bar-pressures at all the Stations except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45°., and mean sea-level. The pressure at the Hill Gardens is reduced to the first three standards only. The Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds - cumulus; and the Upper clouds, cirrus, or cirro-stratus.

| STATION. | Elevation. | Bar. Pressure. | | Temperature. | | | | | Extreme Temperature. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a.m. | 3 p.m. | 7 a.m. | 3 p.m. | Max. | Min. | Range. | Max. | Date. | Min. | Date. | Range |
| | ft. | in. | in. | ° | ° | ° | ° | ° | ° | | ° | | ° |
| Morant Point Light House | 8 | 29.945 | 29.901 | ... | ... | ... | ... | .. | ... | .. | ... | ... | ... |
| Negril Point Light House | 83 | 29.940 | 29.910 | 79.0 | 82.6 | 87.6 | 73.7 | 13.9 | 88 | 19* | 71 | 22 | 17 |
| Kings House | 400 | ... | ... | 75.0 | 85.0 | 89.8 | 66.1 | 23.7 | 93 | 18 | 62 | 1* | 31 |
| Castleton Gardens | 496 | ... | ... | 72.8 | 82.9 | 87.5 | 66.6 | 20.9 | 90 | 3* | 63 | 30 | 27 |
| Hope Gardens | 600 | ... | .. | 74.2 | 84.3 | 88.6 | 68.8 | 19.8 | 92 | 4* | 61 | 28 | 31 |
| Stony Hill Reformatory | 1400 | ... | . | 75.6 | 82 6 | 86.2 | 68.7 | 17.5 | 90 | 3 | 67 | 16 | 23 |
| Hill Gardens | 4907 | 25.250 | 25.226 | 62 5 | 66.9 | 70.4 | 60.5 | 9.9 | 75 | 4* | 58 | 12* | 17 |

| STATION. | Elevation | Dewpoint and Humidity. | | | | Rainfall. | Wind per diem. | Wind: direction (from) and miles per hour) | | | | Amount of Cloud. Lower, Middle, and Upper. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a. m. | | 3 p. m. | | | | 7 a. m. | | 3 p. m. | | 7 a. m. | | | 3 p. m. | | |
| | | ° | | ° | | in. | miles | | m. | | m. | L. | M. | U. | L. | M. | U. |
| Morant Point Light House | 8 | ... | ... | ... | ... | 9.54 | ... | var. | 13.2 | var. | 15.7 | 3.1 | 2.0 | 1.0 | 3.6 | 1.8 | 1.0 |
| Negril Point Light House | 88 | 78.5 | 83 | 76.5 | 82 | 4.71 | 218 | var. | 7.9 | var. | 10.6 | 0.8 | 1.6 | 4.7 | 2.9 | 6.2 | 0.2 |
| Kings House | 400 | 70.8 | 87 | 75.4 | 72 | 3.19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castleton Gardens | 496 | 70.5 | 93 | 73.4 | 74 | 3.70 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hope Gardens | 600 | 68.4 | 81 | 70.3 | 62 | 3.20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Stony Hill Reformatory | 1400 | 67.7 | 76 | 72.8 | 72 | 5.71 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hill Gard | 4907 | 59.7 | 89 | 64.5 | 85 | 6.77 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

*And on other days.

# National Oceanic and Atmospheric Administration

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Beltsville, MD 20704-1387
March 28, 2002

## RAINFALL FOR JULY, 1900.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to Tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced in the Comparative Table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-Division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North Eastern and West Central Divisions are the remaining parts of the Island, bounded by the sea and the other Divisions.

Their relative areas are as follows:—

| | | |
|---|---|---|
| North Eastern Division | - - | 25 |
| Northern and Central | - - | 22 |
| West Central | - - | 26 |
| Southern | - - | 27 |
| | | 100 |

| NORTH-EASTERN DIVISION. | JULY, 1900. Total Fall. | Greatest Fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Hordley | 22.07 | 3.92 | 25 | 20 | 7.26 |
| Manchioneal | 18.65 | 2.60 | 26 | 18 | 8.24 |
| Fair Prospect | 16.40 | 2.41 | 8 | 23 | ... |
| Bath | 20.27 | 3.20 | 25 | 23 | 10.80 |
| Moore Town | 32.36 | 5.00 | 27 | 21 | ... |
| Port Antonio | 19.17 | 2.50 | 26 | 21 | 11.69 |
| Fellowship | 23.08 | 4.30 | 26 | 23 | 10.81 |
| Johnson River Bridge | 13.90 | 2.61 | 26 | 20 | ... |
| Shrewsbury | 23.16 | 4.92 | 27 | 22 | ... |
| Cedar Valley, St Thomas | 12.13 | 2.28 | 26 | 14 | 8.52 |
| Hill Gardens | 6.77 | 0.89 | 9 | 15 | 4.04 |
| Resource | 5.95 | ... | ... | ... | ... |
| Buff Bay | 17.77 | 3.11 | 27 | 19 | 8.04 |
| Avocat | 39.85 | 8.20 | 27 | 17 | ... |
| Hardware Gap | 4.85 | 1.20 | 6 | 6 | 4.32 |
| Annotto Bay | 10.05 | 3.30 | 13 | 14 | 4.96 |
| Stony Hill Reformatory | 5.71 | 1.44 | 23 | 17 | 5.53 |
| Castleton Gardens | 8.70 | 1.75 | 26 | 23 | 6.43 |
| Lawrence Tavern | 5.89 | 1.80 | 22 | 9 | 5.96 |
| Carew Castle | 6.99 | 2.50 | 21 | 14 | ... |
| Water Valley | 10.59 | 2.60 | 13 | 16 | ... |
| Richmond, St. Mary | 4.04 | 0.55 | 18 | 23 | 4.25 |
| Kendal, St. Mary | ... | ... | ... | ... | ... |
| Gayle P. W. D. | 10.47 | 3.95 | 21 | 16 | 2.99 |
| Rio Hoe | 4.56 | 1.36 | 21 | 19 | 4.62 |
| Unity Valley | 7.17 | 1.12 | 17 | 22 | 5.79 |
| Moneague | 4.95 | 1.05 | 17 | 17 | 4.81 |
| Claremont | 5.07 | 0.76 | 25 | 18 | 4.21 |
| Albion | 5.44 | 0.80 | 24 | 21 | 4.41 |
| Averham Park | 5.15 | 1.02 | 20 | 20 | 5.74 |
| Ballintoy | 6.74 | 1.62 | 26 | 19 | 3.49 |
| Means | 10.44 | ... | ... | ... | 6.41 |

| NORTHERN DIVISION. | JULY, 1900. Total Fall. | Greatest Fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Port Maria | 12.27 | 2.00 | 22 | 26 | 4.13 |
| Ocho Rios | 7.48 | 2.26 | 13 | 9 | ... |
| Drax Hall | 9.11 | 2.62 | 13 | 13 | 2.76 |
| St. Ann's Bay | 7.62 | 2.00 | 13 | 18 | 3.37 |
| Richmond Estate | 7.26 | 1.48 | 22 | 18 | 2.28 |
| Llandovery | 6.68 | 1.40 | 22 | 18 | 1.97 |
| Southfield | 8.29 | 1.74 | 18 | 21 | ... |
| Browns Town | 2.69 | 1.05 | 22 | 10 | 3.31 |
| Hyde Park | 2.36 | 1.30 | 26 | 4 | ... |
| Dry Harbour | 2.84 | 1.56 | 23 | 6 | ... |
| Chewmagna | 4.27 | 0.93 | 6 | 16 | ... |
| Home Castle | 3.77 | 1.10 | 24 | 7 | 2.19 |
| Richmond Pen | 3.80 | 0.75 | 25 | 8 | 3.12 |
| Mahogany Hall | 3.03 | 1.95 | 26 | 17 | 4.12 |
| Brampton Bryan | 4.87 | 1.86 | 25 | 12 | 2.22 |
| Bryan Castle | 3.66 | 1.45 | 25 | 12 | 1.80 |
| Braco | 2.80 | 0.95 | 25 | 8 | 1.36 |
| Arcadia | 4.50 | 1.88 | 25 | 12 | 2.03 |
| Harmony Hall | 2.46 | 1.17 | 25 | 7 | 1.57 |
| Lancaster | 2.99 | 1.24 | 25 | 5 | 2.09 |
| Vale Royal | 4.61 | 1.71 | 25 | 16 | 3.07 |
| Colchis Pen | 5.74 | 0.78 | 26 | 9 | 3.15 |
| Hyde | 5.03 | 1.08 | 26 | 18 | 5.06 |
| Georgia | 3.04 | 1.45 | 25 | 9 | 2.41 |
| Long Pond | 5.32 | 0.89 | 22 | 13 | ... |
| Steelfield | 3.61 | 1.05 | 25 | 9 | 3.06 |
| Oxford | 1.60 | 0.55 | 9 | 6 | 2.41 |
| Cambridge | 3.60 | 1.10 | 26 | 11 | 3.33 |
| Lottery | 2.77 | 0.70 | 25 | 10 | 2.89 |
| Falmouth P. W. D. | 2.21 | 1.05 | 22 | 7 | 1.57 |
| Holland Pen | 2.15 | 0.65 | 22 | 4 | 1.91 |
| Golden Grove, Trelawny | ... | ... | ... | ... | 3.83 |
| Tilston | 3.10 | 1.70 | 26 | 7 | 3.44 |
| Orange Valley | .... | .... | .. | ... | 1.89 |
| Kent | 1.57 | ... | 22 | 5 | 1.78 |
| Dundee | 2.00 | 1.30 | 21 | 3 | 2.68 |
| Phœnix | 3.55 | 0.60 | 28 | 14 | 4.46 |
| Gales Valley | 4.00 | 2.00 | 20 | 6 | 4.27 |
| Canaan | 4.10 | 1.90 | 21 | 10 | 3.14 |
| Lima | 1.05 | 0.25 | 10 | 9 | ... |
| Guilsbro' | 4.78 | 0.80 | 28 | 16 | 4.24 |
| Leogan | 0.79 | 0.35 | 10 | 3 | 2.92 |
| Success | 0.36 | 0.25 | 22 | 4 | 1.68 |
| Cinnamon Hill | 0.54 | 0.27 | 22 | 3 | 1.11 |
| Rose Hall | 0.60 | 0.45 | 22 | 3 | 1.00 |
| Running Gut | 0.66 | 0.41 | 10 | 3 | 1.07 |
| Spring | ... | ... | ... | ... | 1.95 |
| Ironshore | 0.37 | 0.22 | 10 | 2 | 1.78 |
| Montego Bay | 2.98 | 1.51 | 21 | 9 | 3.86 |
| Fairfield, St. James | 2.99 | 0.85 | 21 | 10 | 4.00 |
| Anchovy | 4.03 | 0.57 | 13 | 11 | 5.57 |
| Round Hill | 2.30 | 1.00 | 21 | 10 | 4.11 |
| Sandy Bay | 4.71 | 0.85 | 13 | 14 | 5.46 |
| Lucea | 2.67 | 1.11 | 13 | 11 | 4.36 |

| Central Sub-Division. | July, 1900. | | | | | Southern Division. | July, 1900. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Fall. | Greatest Fall in 24 hours. Amount. | Date. | Days on which 0.01" or more fell. | Average. | | Total Fall. | Greatest Fall in 24 hours. Amount | Date. | Days on which 0.01 or more fell. | Average. |
| | In. | In. | | | In. | | In. | In. | | | In. |
| Headworks Rio Cobre Canal | 3.60 | 0.92 | 9 | 11 | 4.19 | Morant Point Light House | 9.54 | 2.01 | 26 | 25 | 8.24 |
| Linstead | 4.50 | 1.05 | 6 | 13 | 6.13 | Morant Bay | 12.24 | 2.87 | 26 | 12 | 6.52 |
| Point Hill | 5.67 | 1.84 | 16 | 13 | 6.48 | Easington | 11.87 | 2.20 | 27 | 15 | 6.88 |
| Worthy Park | 3.38 | 0.78 | 25 | 7 | 4.34 | Bull Bay | 6.65 | 1.94 | 24 | 7 | 2.71 |
| Kelletts | 3.90 | 1.21 | 6 | 5 | ... | Gordon Town | 5.55 | 1.63 | 10 | 11 | 3.29 |
| Chapelton | 3.70 | 0.74 | 19 | 7 | 4.35 | Hope Gardens | 3.70 | 0.50 | 24 | 13 | 2.93 |
| Lower Chapelton | 5.11 | 1.07 | 23 | 13 | 4.28 | King's House | 3.19 | 1.00 | 24 | 10 | 2.84 |
| Savoy House | 5.61 | 1.86 | 23 | 17 | ... | Halfway-Tree | 2.84 | 1.20 | 24 | 8 | 2.06 |
| Mears | 2.74 | 1.20 | 10 | 12 | ... | Lunatic Asylum | 2.46 | 1.27 | 25 | 8 | ... |
| Cave Valley | 2.36 | 1.30 | 26 | 4 | 4.95 | Kingston Gardens | 2.15 | 1.11 | 24 | 5 | ... |
| Means | 3.67 | ... | ... | ... | 5.19 | Public Works Office, Kingston | 3.20 | 0.85 | 9 | 8 | 1.87 |
| West Central Division | | | | | | Plumb Point Light House | 1.15 | 0.73 | 26 | 13 | 2.08 |
| Mocho | 7.05 | 2.70 | 11 | 6 | ... | Port Royal, Naval Hospital | 5.03 | 2.03 | 24 | 10 | ... |
| Baillieston | ... | ... | ... | ... | ... | Ferry | 4.40 | 1.40 | 24 | 10 | 2.81 |
| Farm Plantation | 5.48 | 1.09 | 10 | 11 | 5.01 | Lawrence field | 3.57 | 1.55 | 10 | 4 | ... |
| Brokenhurst | 15.24 | ... | ... | ... | 7.06 | Spanish Town | 3.92 | 1.25 | 24 | 7 | 2.78 |
| Christiana | 5.99 | 1.95 | 10 | 13 | 4.90 | Hog Hole Pen | 1.95 | 1.00 | 23 | 3 | 2.91 |
| Kendal, Manchester | 8.74 | 1.50 | 31 | 12 | 6.14 | Browns Hall | 5.34 | 1.95 | 10 | 8 | ... |
| Mandeville P. W. D | 9.74 | 2.64 | 10 | 17 | 6.24 | Old Harbour | 4.85 | 2.26 | 9 | 7 | 3.05 |
| Carlton, Mandeville | 8.69 | 2.22 | 11 | 18 | ... | May Pen | 5.03 | 1.12 | 9 | 16 | 4.01 |
| Fairfield, Manchester | 7.00 | 2.28 | 10 | 15 | ... | Hermitage, Clarendon | ... | ... | ... | ... | ... |
| Ulster Spring | 8.82 | 2.70 | 23 | 12 | 4.71 | Denbigh | 4.80 | 2.00 | 10 | 4 | 3.18 |
| Troy | 8.89 | 2.62 | 20 | 9 | 7.99 | New Yarmouth | 4.56 | 1.35 | 24 | 7 | 2.93 |
| Fontabelle, Trelawny | 6.15 | 1.65 | 25 | 16 | 5.46 | Rest | 6.14 | 1.03 | 25 | 14 | ... |
| Windsor Pen, Trelawny | 7.72 | 1.26 | 21 | 10 | 6.69 | Victoria Town | 5.82 | 1.62 | 10 | 11 | 3.86 |
| Balaclava | 6.84 | 2.63 | 23 | 7 | 6.04 | Stone's Hope | 6.23 | 1.85 | 8 | 9 | 5.28 |
| Elim | 7.14 | 3.67 | 23 | 7 | 6.20 | Newport, Manchester | 6.80 | 2.00 | 24 | 8 | 5.52 |
| Appleton | 6.54 | 1.24 | 22 | 17 | 7.58 | Alligator Pond | 5.30 | 1.92 | 24 | 4 | 3.64 |
| Maggotty | 7.64 | 1.12 | 6 | 19 | 8.98 | Potsdam | 5.18 | 1.50 | 8 | 8 | 2.99 |
| Spring Vale, St James | 10.83 | 1.94 | 25 | 23 | 8.33 | Long Hill | 3.85 | 0.68 | 24 | 12 | 3.95 |
| Maroon Town, St. James | 11.90 | 1.90 | 8 | 18 | 12.18 | Pepper | 3.80 | 1.20 | 24 | 10 | 3.45 |
| Kempshot | 5.95 | 0.95 | 29 | 18 | 6.39 | Torrington | 4.88 | 1.18 | 8 | 7 | 3.82 |
| Kepp | 10.25 | ... | ... | ... | 9.64 | Bethlehem, St. Elizabeth | 2.67 | ... | ... | ... | ... |
| Kew Park | 10.51 | 1.90 | 8 | 15 | 11.14 | Santa Cruz | 4.27 | 1.06 | 5 | 10 | 5.99 |
| Hazelymph | 10.32 | 2.15 | 21 | 15 | 9.49 | Pedro Plains | 2.86 | 1.02 | 24 | 4 | ... |
| King Gate | 3.85 | 0.80 | 21 | 9 | ... | Black River | 4.82 | 1.54 | 23 | 15 | 5.03 |
| Darliston | 10.01 | 1.40 | 31 | 17 | 12.72 | Font Hill | 5.75 | 2.80 | 28 | 9 | 5.66 |
| Whithorn | 13.08 | 2.87 | 25 | 18 | 14.69 | Peter's Ville | 7.08 | 1.65 | 24 | 16 | 7.25 |
| Galloway | 12.88 | 2.10 | 25 | 17 | ... | Salem | 7.09 | 1.99 | ... | 7 | ... |
| Lethe Bridge | 9.32 | 2.10 | 21 | 15 | 7.72 | Mount Edgecombe | 5.78 | 1.20 | 24 | 16 | 6.99 |
| Copse | 11.87 | 4.20 | 21 | 17 | 7.48 | Sweet River | 6.71 | 1.52 | 7 | 12 | 7.43 |
| Cacoon Castle | 7.85 | 2.70 | 21 | 14 | 8.10 | Cornwall | 10.23 | 2.65 | 8 | 15 | ... |
| Great Valley | 11.20 | 2.17 | 23 | 14 | 10.31 | Windsor, Sav-la-Mar | 7.95 | 2.23 | 20 | 20 | 6.99 |
| Brownsville | 7.70 | 1.66 | 20 | 17 | ... | Sav-la-Mar P. W. D | 7.50 | 2.31 | 20 | 13 | 6.10 |
| Morgan's Bridge | 11.82 | 2.19 | 8 | 21 | 11.44 | Retreat | 1.48 | 1.38 | 6 | 9 | 8.19 |
| King's Valley | 8.50 | 1.50 | 23 | 18 | 11.89 | Negril Point Lighthouse | 4.71 | 1.70 | 8 | 11 | ... |
| King's Vale Police Station | 16.49 | 2.13 | 23 | 1... | ... | Means | 5.18 | ... | ... | ... | 4.82 |
| Means | 9.11 | ... | ... | ... | 7.55 | | | | | | |

## NOTES.

### Comparative Table of Rainfall.

*(Based upon the "Average" Stations only.)*

| | July. 1900. | July. Average. |
|---|---|---|
| | In. | In. |
| North Eastern Division | 10.44 | 6.41 |
| Northern | 3.76 | 3.19 |
| West Central | 9.11 | 7.55 |
| Southern | 5.48 | 4.32 |
| Means | 7.18 | 5.37 |

The Rainfall for July was above the average for the whole Island. The largest Rainfall was in the North Eastern Division, the greatest being 32.36 at Moore Town; the smallest 3.95 at Resource.

There was a shock of Earthquake felt between 1 and 2 a.m. on the 23rd at Port Antonio, Buff Bay, Castleton Gardens, Black River, and Windsor Pen.

On the 18th at Kepp there was a heavy shower of hail, also on the 25th at Great Valley.

### Blue Mountain Peak :—7,423 feet.

| Day. | Hour. | Temp. | Extreme Temps. since last reading. Max. | Extreme Temps. since last reading. Min. | Total Rain Since last reading. |
|---|---|---|---|---|---|
| | | ° | ° | ° | In. |
| July 31 | 7.30 a.m. | 58 | 68.9 | 48.8 | 15.40 |

### United States Station, Halfway Tree.

| July, 1900. | 8 A. M. | 8 P. M. |
|---|---|---|
| Bar-Pressure | 29.963 | 29.941 |
| Temperature | 79.2 | 78.5 |
| Dew Point | 69.3 | 7.07 |
| Humidity | 72.4 | 78.0 |
| Cloud | 5.5 | 3.3 |

| | |
|---|---|
| Mean Max. Temp. | 88.6 |
| Mean Min. Temp. | 72.5 |
| Mean Range | 16.1 |
| Extreme Temps. { Max. | 94 on the 18th |
| Extreme Temps. { Min. | 70 on the 25th |

Mean Wind per diem 152 miles

Max. Wind : S.E., 25 miles per hour.

### The Health of Kingston.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases, compared with the average number.

| | July. 1900. | July. Average. 1890 to 1899 | July. Average. 1880 to 1889. |
|---|---|---|---|
| Infantile diseases not otherwise specified | 36 | 18 | 18 |
| Lung disease | 17 | 20 | 18 |
| Fever and Malaria | 11 | 8 | 11 |
| Dysentery and Diarrhœa | 8 | 12 | 7 |
| Various | 33 | 51 | 57 |
| Total | 105 | 109 | 111 |

### Weather Report No. 256.

Returns sent up too late for publication in that Report.

| | June, 1900. Total fall. | Greatest fall in 24 hours. Amount. | Greatest fall in 24 hours. Date. | Days on which 0.01 or more fell. |
|---|---|---|---|---|
| | In. | In. | | |
| Retreat | 5.07 | 1.28 | 19 | 10 |
| Windsor Sav-la-Mar | 4.14 | 0.90 | 4 | 11 |
| Spring Vale St. James | 10.34 | 1.52 | 1 | 14 |

MAXWELL HALL.

Montego Bay,
Sept. 4th 1900.

It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay.

M. H.

NO. 258

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Weather Bureau

JAMAICA

# WEATHER REPORT

FOR THE MONTH OF

## AUGUST, 1900.

### METEOROLOGICAL RESULTS.

The Bar-pressures at all the Stations except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45°., and mean sea-level. The pressure at the Hill Gardens is reduced to the first three standards only. The Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds - cumulus; and the Upper clouds, cirrus, or cirro-stratus.

| STATION. | Elevation. | Bar. Pressure | | Temperature. | | | | | Extreme Temperature. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a.m. | 3 p.m. | 7 a.m. | 3 p.m. | Max. | Min. | Range. | Max. | Date. | Min. | Date. | Range. |
| | ft. | in. | in. | ° | ° | ° | ° | ° | ° | | ° | | ° |
| Morant Point Light House | 8 | 29.946 | 29.915 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Negril Point Light House | 33 | 29.939 | 29.918 | 79.4 | 83.2 | 87.9 | 73.7 | 14.2 | 89 | 28* | 69 | 22 | 20 |
| Kings House | 400 | ... | ... | 73.8 | 86.1 | 90.9 | 65.8 | 25.1 | 93 | 11* | 61 | 7 | 32 |
| Castleton Gardens | 496 | ... | ... | 72.8 | 84.7 | 89.7 | 66.3 | 23.4 | 92 | 11* | 62 | 1 | 30 |
| Hope Gardens | 600 | ... | ... | 75.0 | 85.1 | 89.9 | 70.1 | 19.8 | 93 | 11* | 67 | 22 | 26 |
| Stony Hill Reformatory | 1400 | ... | ... | 73.8 | 84.7 | 86.8 | 69.1 | 17.7 | 90 | 25 | 67 | 8* | 23 |
| Hill Gardens | 4907 | 25.255 | 25.228 | 68.5 | 69.5 | 72.5 | 60.6 | 11.9 | 76 | 24 | 57 | 6* | 19 |

| STATION. | Elevation. | Dewpoint and Humidity. | | | | Rainfall. | Wind per diem. | Wind: direction (from) and miles per hour) | | | | Amount of Cloud. Lower, Middle, and Upper. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a.m. | | 3 p.m. | | | | 7 a.m. | | 3 p.m. | | 7 a.m. | | | 3 p.m. | | |
| | | ° | | ° | | in. | miles. | | m. | | m. | L. | M. | U. | L. | M. | U. |
| Morant Point Light House | 8 | ... | ... | ... | ... | 1.76 | ... | var. | 11.0 | var. | 13.9 | 1.8 | 2.0 | 1.0 | 1.7 | 1.7 | 1.1 |
| Negril Point Light House | 33 | 74.9 | 86 | 77.6 | 84 | 7.51 | 183 | var. | 6.5 | var. | 8.0 | 0.3 | 1.3 | 3.1 | 2.8 | 6.0 | 0.2 |
| Kings House | 400 | 70.3 | 87 | 76.0 | 73 | 4.81 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castleton Gardens | 496 | 69.8 | 89 | 73.5 | 68 | 2.98 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hope Gardens | 600 | 68.2 | 78 | 66.6 | 53 | 2.85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Stony Hill Reformatory | 1400 | 70.5 | 89 | 74.1 | 70 | 4.96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hill Gardens | 4907 | 59.8 | 88 | 68.8 | 81 | 2.46 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

*And on other days.

## RAINFALL FOR AUGUST, 1900.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to Tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced in the Comparative Table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-Division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North Eastern and West Central Divisions are the remaining parts of the Island, bounded by the sea and the other Divisions.

Their relative areas are as follows :—

| | | |
|---|---|---|
| North Eastern Division | - - | 25 |
| Northern and Central | - - | 22 |
| West Central | - - | 26 |
| Southern | - - | 27 |
| | | 100 |

| NORTH-EASTERN DIVISION. | AUGUST, 1900. Total Fall. | Greatest Fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Hordley | 3.06 | 0.93 | 18 | 11 | 9.08 |
| Manchioneal | 4.17 | 1.00 | 22 | 8 | 7.46 |
| Fair Prospect | 4.82 | 0.80 | 18 | 10 | .. |
| Bath | 5.58 | 1.12 | 18 | 16 | 9.55 |
| Moore Town | 10.38 | 1.62 | 10 | 11 | ... |
| Port Antonio | 4.01 | 0.50 | 27 | 18 | 10.67 |
| Fellowship | 9.47 | 2.59 | 20 | 19 | 10.66 |
| Johnson River Bridge | 4.04 | 1.15 | 7 | 10 | ... |
| Shrewsbury | 7.67 | 1.08 | 17 | 9 | ... |
| Cedar Valley, St Thomas | 1.85 | 0.50 | 7 | 6 | 7.76 |
| Hill Gardens | 2.46 | 0.55 | 6 | 10 | 8.86 |
| Resource | 0.15 | ... | ... | ... | ... |
| Buff Bay | 10.67 | 6.10 | 20 | 15 | 4.37 |
| Avocat | 4.78 | 1.27 | 1 | 11 | ... |
| Hardware Gap | ... | ... | ... | ... | 5.32 |
| Annotto Bay | 6.73 | 3.50 | 20 | 7 | 3.72 |
| Stony Hill Reformatory | 4.96 | 2.05 | 28 | 14 | 10.08 |
| Castleton Gardens | 2.98 | 1.18 | 3 | 12 | 10.70 |
| Lawrence Tavern | ... | ... | ... | ... | 7.84 |
| Carew Castle | 11.03 | 2.45 | 5 | 17 | ... |
| Water Valley | 6.41 | 2.65 | 20 | 9 | ... |
| Richmond, St. Mary | 2.84 | 1.00 | 2 | 11 | 5.64 |
| Kendal, St. Mary | ... | ... | ... | ... | ... |
| Gayle P. W. D. | 3.60 | 0.60 | 18 | 13 | 5.56 |
| Rio Hoe | 4.80 | 1.06 | 2 | 10 | 6.58 |
| Unity Valley | ... | ... | ... | ... | 6.55 |
| Moneague | 5.79 | 1.48 | 6 | 15 | 5.72 |
| Claremont | 3.63 | 0.65 | 18 | 9 | 6.14 |
| Albion | 5.61 | 1.60 | 2 | 12 | 6.37 |
| Averham Park | 4.49 | 0.84 | 2 | 15 | 4.71 |
| Ballintoy | 5.57 | 0.98 | 20 | 13 | 6.28 |
| Means | 4.85 | ... | ... | ... | 7.38 |

| NORTHERN DIVISION. | AUGUST, 1900. Total Fall. | Greatest Fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Port Maria | 8.80 | 3.00 | 20 | 14 | 4.09 |
| Ocho Rios | 3.54 | 0.69 | 16 | 7 | ... |
| Drax Hall | 2.69 | 0.86 | 24 | 8 | 8.86 |
| St. Ann's Bay | 2.18 | 0.81 | 24 | 11 | 8.27 |
| Richmond Estate | 2.48 | 0.64 | 29 | 12 | 8.86 |
| Llandovery | 1.76 | 0.45 | 7 | 6 | 3.10 |
| Southfield | 1.70 | 0.42 | 29 | 9 | .. |
| Browns Town | 2.14 | 0.75 | 7 | 8 | 8.54 |
| Hyde Park | 2.26 | 1.26 | 16 | 4 | ... |
| Dry Harbour | 6.95 | 0.65 | 18 | 2 | ... |
| Chewmagna | 4.20 | 1.00 | 6 | 10 | ... |
| Home Castle | 1.04 | 0.25 | 25 | 6 | 5.72 |
| Richmond Pen | 3.80 | 0.75 | 25 | 8 | 5.27 |
| Mahogany Hall | 2.11 | 0.39 | 1 | 10 | 6.45 |
| Brampton Bryan | 2.16 | 0.98 | 2 | 7 | 3.12 |
| Bryan Castle | 0.82 | 0.42 | 25 | 5 | 3.04 |
| Braco | 0.45 | 0.30 | 24 | 3 | 3.24 |
| Arcadia | 1.18 | 0.80 | 2 | 4 | 3.67 |
| Harmony Hall | 0.89 | 0.20 | 2 | 6 | 2.86 |
| Lancaster | 0.72 | 0.32 | 24 | 4 | 3.49 |
| Vale Royal | 1.20 | 0.70 | 2 | 6 | 4.78 |
| Colchis Pen | 1.96 | 0.75 | 30 | 6 | 5.67 |
| Clyde | 3.01 | 0.74 | 5 | 12 | 5.97 |
| Georgia | 1.97 | 0.67 | 30 | 7 | 3.97 |
| Long Pond | 3.58 | 1.50 | 30 | 8 | ... |
| Steelfield | 1.85 | 0.80 | 30 | 8 | 3.81 |
| Oxford | 1.00 | 0.50 | 30 | 4 | 3.06 |
| Cambridge | 1.83 | 0.75 | 30 | 7 | 3.81 |
| Lottery | 1.19 | 0.80 | 30 | 5 | 3.69 |
| Falmouth P. W. D. | 0.97 | 0.67 | 17 | 4 | 3.89 |
| Holland Pen | 0.67 | 0.29 | 31 | 3 | 2.81 |
| Golden Grove, Trelawny | ... | ... | ... | ... | 5.62 |
| Tilston | 3.10 | 1.20 | 30 | 9 | 5.35 |
| Orange Valley | 0.58 | 0.30 | 23 | 4 | 3.23 |
| Kent | 1.37 | 0.25 | 29 | 5 | 3.16 |
| Dundee | 1.18 | 0.40 | 23 | 5 | 3.83 |
| Phœnix | 1.90 | 1.00 | 30 | 9 | 5.42 |
| Gales Valley | 1.60 | 0.70 | 30 | 4 | 5.77 |
| Canaan | 3.08 | 1.00 | 4 | 8 | 4.84 |
| Lima | 1.00 | 0.40 | 7 | 5 | ... |
| Guilsbro' | 4.19 | 1.17 | 29 | 8 | 5.48 |
| Leogan | 0.94 | 0.50 | 29 | 3 | 5.50 |
| Success | 0.45 | 0.25 | 17 | 4 | 207 |
| Cinnamon Hill | 1.20 | 0.40 | 17 | 5 | 2.11 |
| Rose Hall | 0.75 | 0.30 | 17 | 4 | 1.95 |
| Running Gut | 1.27 | 0.67 | 23 | 3 | 2.64 |
| Spring | ... | ... | ... | ... | 2.50 |
| Ironshore | ... | ... | ... | ... | 4.02 |
| Montego Bay | 1.97 | 1.02 | 29 | 7 | 5.60 |
| Fairfield, St. James | 1.95 | 0.50 | 23 | 6 | 6.17 |
| Anchovy | 7.48 | 1.41 | 1 | 12 | 8.79 |
| Round Hill | 1.60 | 0.30 | 23 | 10 | 5.20 |
| Sandy Bay | 6.21 | 1.88 | 16 | 12 | 5.46 |
| Lucea | 5.24 | 2.00 | 30 | 11 | 6.09 |

| CENTRAL SUB-DIVISION. | AUGUST 1900. Total Fall | Greatest Fall in 24 hours. Amount | Date | Days on which 0.01" or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Headworks Rio Cobre Canal | 7.19 | 2.53 | 28 | 6 | 5.87 |
| Linstead | 10.01 | 2.12 | 16 | 16 | 7.53 |
| Point Hill | 15.10 | 4.25 | 28 | 16 | 6.62 |
| Worthy Park | 6.58 | 2.40 | 30 | 9 | 4.75 |
| Kelletts | ... | ... | .. | ... | ... |
| Chapelton | ... | ... | ... | ... | 7.53 |
| Lower Chapelton | 2.81 | 0.68 | 3 | 6 | 5.47 |
| Savoy House | 2.92 | 1.27 | 3 | 13 | ... |
| Mears | ... | ... | ... | ... | ... |
| Cave Valley | 6.27 | 1.45 | 17 | 9 | 7.40 |
| Means | 2.84 | .. | ... | ... | 4.49 |
| WEST CENTRAL DIVISION. | | | | | |
| Mocho | ... | ... | ... | ... | ... |
| Baillieston | 5.23 | 1.23 | 26 | 7 | .. |
| Farm Plantation | 4.65 | 0.94 | 28 | 10 | 7.55 |
| Brokenhurst | ... | ... | ... | .. | 7.74 |
| Christiana | 5.21 | 1.40 | 16 | 14 | 5.20 |
| Kendal, Manchester | 5.67 | 2.03 | 28 | 15 | 7.07 |
| Mandeville P. W. D. | 5.97 | 0.96 | 19 | 20 | 8.55 |
| Carlton, Mandeville | 4.75 | 0.85 | 14 | 13 | ... |
| Fairfield, Manchester | 6.13 | 2.32 | 28 | 13 | ... |
| Ulster Spring | 8.36 | 2.34 | 29 | 11 | 7.01 |
| Troy | 5.41 | 1.52 | 1 | 7 | 7.87 |
| Fontabelle, Trelawny | 3.95 | 0.75 | 7 | 10 | 6.50 |
| Windsor Pen, Trelawny | 9.31 | 1.60 | 5 | 11 | 8.66 |
| Balaclava | 6.80 | 1.80 | 30 | 11 | 6.60 |
| Elim | 11.39 | 2.50 | 5 | 11 | 9.81 |
| Appleton | 11.99 | 1.48 | 9 | 20 | 10.51 |
| Maggotty | 11.59 | 1.58 | 9 | 17 | 11.04 |
| Spring Vale, St James | 6.35 | 1.40 | 2 | 12 | 11.61 |
| Maroon Town, St. James | 18.10 | 3.30 | 16 | 14 | 12.88 |
| Kempshot | 6.14 | 0.88 | 29 | 14 | 8.78 |
| Kepp | 9.59 | 2.55 | 16 | 10 | 11.47 |
| Kew Park | 14.18 | 2.80 | 5 | 19 | 11.62 |
| Hazelymph | 10.40 | 1.65 | 20 | 16 | 11.18 |
| King Gate | 5.65 | 1.95 | 1 | 7 | ... |
| Darliston | 16.11 | 1.95 | 28 | 20 | 14.62 |
| Whithorn | 10.28 | 2.40 | 12 | 21 | 11.05 |
| Galloway | 9.52 | 1.91 | 12 | 18 | ... |
| Lethe Bridge | 9.97 | 4.00 | 1 | 12 | 7.84 |
| Copse | 7.87 | 1.70 | 1 | 15 | 10.96 |
| Cacoon Castle | 8.39 | 1.95 | 1 | 11 | 10.06 |
| Great Valley | . | ... | ... | ... | 12,30 |
| Brownsville | 10.26 | 2.08 | 16 | 13 | ... |
| Morgan's Bridge | 12.54 | 2.60 | 9 | 28 | 11.02 |
| King's Valley | ... | ... | ... | ... | 18.24 |
| King's Vale Police Station | 8.14 | 1.33 | 28 | 18 | ... |
| Means | 8.97 | ... | ... | ... | 9.56 |

| SOUTHERN DIVISION. | AUGUST, 1900. Total Fall. | Greatest Fall in 24 hours. Amount | Date | Days on which 0.01" or more fall. | AVERAGE. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Morant Point Light House | 1.75 | 0.45 | 21 | 10 | 5.28 |
| Morant Bay | 3.41 | 1.29 | 18 | 6 | 5.13 |
| Easington | 2.21 | 1.10 | 20 | 6 | 5.19 |
| Bull Bay | ... | .. | ... | ... | 2.45 |
| Gordon Town | ... | ... | ... | ... | 3.01 |
| Hope Gardens | 2.85 | 0.65 | 5 | 8 | 5.71 |
| King's House | 4.81 | 1.24 | 28 | 11 | 5.67 |
| Halfway-Tree | ... | ... | ... | ... | 3.60 |
| Lunatic Asylum | ... | ... | ... | ... | ... |
| Kingston Gardens | 2.48 | 0.86 | 6 | 5 | .... |
| Public Works Office, Kingston | 2.81 | 0.93 | 20 | 5 | 4.06 |
| Plumb Point Light House | 1.89 | 1.68 | 20 | 3 | 3.74 |
| Port Royal, Naval Hospital | 4.76 | 2.43 | 28 | 3 | ... |
| Ferry | ... | ... | ... | ... | 2.70 |
| Lawrence field | 2.57 | 0.85 | 21 | 5 | ... |
| Spanish Town | 1.49 | 0.95 | 20 | 5 | 4.89 |
| Hog Hole Pen | 4.71 | 1.86 | 27 | 3 | 4.92 |
| Browns Hall | ... | ... | ... | ... | ... |
| Old Harbour | 6.54 | 2.00 | 25 | 5 | 4.07 |
| May Pen | ... | ... | | ... | 3.74 |
| Hermitage, Clarendon | ... | ... | ... | ... | ... |
| Denbigh | 2.29 | 0.60 | 27 | 5 | 5.09 |
| New Yarmouth | ... | ... | ... | ... | 2.95 |
| Rest | ... | ... | ... | ... | ... |
| Victoria Town | 2.48 | 1.06 | 17 | 4 | 5.20 |
| Stone's Hope | 2.41 | 1.25 | 20 | 4 | 6.08 |
| Newport, Manchester | 3.73 | 0.54 | 18 | 9 | 4.88 |
| Alligator Pond | 0.80 | 0.59 | 25 | 2 | 3.42 |
| Potsdam | 2.50 | 0.87 | 28 | 8 | 4.51 |
| Long Hill | 3.89 | 1.33 | 28 | 10 | 6.61 |
| Pepper | 2.47 | 1.10 | 28 | 5 | 6.50 |
| Torrington | 4.47 | 2.15 | 28 | 8 | 4.51 |
| Bethlehem, St. Elizabeth | 6.35 | 3.33 | 28 | 11 | ... |
| Santa Cruz | 6.85 | 1.64 | 27 | 10 | 9.24 |
| Pedro Plains | ... | ... | ... | ... | ... |
| Black River | 6.90 | 2.60 | 3 | 18 | 5.84 |
| Font Hill | 7.10 | 1.40 | 3 | 14 | 6.90 |
| Peter's Ville | 12,10 | 1.86 | 1 | 19 | 9.71 |
| Salem | ... | ... | ... | ... | .. |
| Mount Edgecombe | 15.53 | 2.52 | 22 | 18 | 7.18 |
| Sweet River | 9.43 | 0.98 | 30 | 22 | 8.88 |
| Cornwall | 11,09 | 2.25 | 2 | 17 | ... |
| Windsor, Sav.-la-Mar | ... | ... | .. | ... | 7,08 |
| Sav.-la-Mar P. W. D. | 6.79 | 0.90 | 16 | 19 | 7.18 |
| Retreat | 9.71 | 2.47 | 18 | 14 | 7.56 |
| Negril Point Lighthouse | 7.54 | 1,18 | 29 | 18 | ... |
| Means | 4.87 | ... | ... | ... | 5.70 |

# NOTES.

## Comparative Table of Rainfall.

*(Based upon the "Average" Stations only.)*

| | August. 1900. | August. Average. |
|---|---|---|
| | In. | In. |
| North Eastern Division | 4.85 | 7.38 |
| Northern | 2.84 | 4.49 |
| West Central | 8.97 | 9.56 |
| Southern | 4.87 | 5.70 |
| Means | 5.38 | 6.78 |

The Rainfall for August was below the average for the whole Island. The largest Rainfall was in the West Central Division; the greatest being 16.11 at Darliston; the smallest 3.95 at Fontabelle, Trelawny.

## The Health of Kingston.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases, compared with the average number.

| | August. 1900. | Average. 1880 to 1899 | Average. 1880 to 1889. |
|---|---|---|---|
| Infantile diseases not otherwise specified | 21 | 17 | 12 |
| Lung disease | 13 | 20 | 15 |
| Fever and Malaria | 11 | 9 | 9 |
| Dysentery and Diarrhœa | 3 | 6 | 4 |
| Various | 25 | 41 | 50 |
| Total | 73 | 93 | 90 |

## Blue Mountain Peak :—7,423 feet.

| Day. | Hour. | Temp. | Extreme Temps. since last reading. Max. | Extreme Temps. since last reading. Min. | Total Rain Since last reading. |
|---|---|---|---|---|---|
| | | ° | ° | ° | In. |
| Aug. 31 | 11.15 a.m. | 63 | 70.9 | 44.8 | 5.20 |

## United States Station, Halfway Tree.

| August, 1900. | 8 A. M. | 8 P. M. |
|---|---|---|
| Bar-Pressure | 29.965 | 29.934 |
| Temperature | 79.9 | 79.0 |
| Dew Point | 69.9 | 72.6 |
| Humidity | 71.7 | 81.7 |
| Cloud | 1.9 | 2.4 |

| | |
|---|---|
| | ° |
| Mean Max. Temp. | 89.5 |
| Mean Min. Temp. | 72.4 |
| Mean Range | 17.1 |
| Extreme Temps. Max. | 95 on the 24th |
| Extreme Temps. Min. | 71 on the 22nd |

Mean Wind per diem 137 miles

Max Wind : S.E., 26 miles per hour.

| Weather Report No. 257. Returns sent up too late for publication in that Report. | July, 1900. Total fall. | Greatest fall in 24 hours. Amount. | Greatest fall in 24 hours. Date. | Days on which 0.01 or more fell |
|---|---|---|---|---|
| | In. | In. | | |
| | | | | |
| | | | | |

MAXWELL HALL.

Montego Bay,
August 19th 1900.

*It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay.*

M. H.

4 8

NO 259

JAMAICA

# WEATHER REPORT

FOR THE MONTH OF

## SEPTEMBER, 1900.

### METEOROLOGICAL RESULTS.

The Bar-pressures at all the Stations except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45°., and mean sea-level. The pressure at the Hill Gardens is reduced to the first three standards only. The Thermometers are exposed in Stevenson's Screens ; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky ; the Lower clouds are for the most part fracto-stratus ; the Middle clouds, cumulus ; and the Upper clouds, cirrus, or cirro-stratus.

| STATION. | Elevation. | Bar. Pressure. | | Temperature. | | | | | Extreme Temperature. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7. a.m. | 3. p.m. | 7 a.m. | 3. p.m. | Max. | Min. | Range. | Max. | Date. | Min. | Date. | Range. |
| | ft. | in. | in. | ° | ° | ° | ° | ° | ° | | ° | | ° |
| Morant Point Light House | 8 | 29.898 | 29.859 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Negril Point Light House | 83 | 29.893 | 29.853 | 79.0 | 84.4 | 88.0 | 74.6 | 13.4 | 91 | 25* | 69 | 22 | 22 |
| Kings House | 400 | ... | ... | 73.5 | 84.1 | 88.9 | 64.5 | 24.4 | 93 | 16* | 59 | 17 | 34 |
| Castleton Gardens | 496 | ... | ... | 72.9 | 81.8 | 88.2 | 65.2 | 23.0 | 91 | 1 | 64 | 14* | 27 |
| Hope Gardens | 600 | ... | ... | 73.9 | 82.2 | 87.4 | 69.6 | 17.8 | 91 | 21 | 66 | 17 | 25 |
| Stony Hill Reformatory | 1400 | ... | ... | 72.7 | 82.7 | 86.2 | 67.3 | 18.9 | 89 | 1* | 61 | 26 | 28 |
| Hill Gardens | 4907 | 25.219 | 25.189 | 62.6 | 66.3 | 69.7 | 60.1 | 9.6 | 75 | 12* | 58 | 4* | 17 |

| STATION. | Elevation. | Dewpoint and Humidity. | | | | Rainfall. | Wind per diem | Wind : direction (from) and miles per hour ) | | | | Amount of Cloud, Lower, Middle, and Upper. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7. a. m. | | 3 p. m. | | | | 7. a. m. | | 3 p. m. | | 7 a. m. | | | 3 p. m. | | |
| | | ° | | ° | | in. | miles | | m. | | m. | L. | M. | U. | L. | M. | U. |
| Morant Point Light House | 8 | ... | ... | ... | ... | 7.74 | ... | var. | 9.7 | var. | 12.2 | 2.2 | 2.4 | 1.0 | 3.7 | 1.8 | 0.9 |
| Negril Point Light House | 83 | 75.6 | 88 | 75.2 | 74 | 8.18 | 242 | var. | 8.0 | var. | 12.1 | 0.3 | 2.9 | 3.6 | 2.2 | 5.4 | 0.8 |
| Kings House | 400 | 70.3 | 88 | 74.4 | 72 | 10.00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castleton Gardens | 496 | 69.5 | 92 | 74.5 | 78 | 7.74 | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hope Gardens | 600 | 69.9 | 84 | 73.5 | 74 | 16.12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Stony Hill Reformatory | 1400 | 70.8 | 92 | 72.6 | 71 | 8.64 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hill Gardens | 4907 | 58.2 | 88 | 62.6 | 88 | 18.95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

*And on other days.

## RAINFALL FOR SEPTEMBER, 1900.

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The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-Division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North Eastern and West Central Divisions are the remaining parts of the Island, bounded by the sea and the other Divisions.

Their relative areas are as follows:—

| | | |
|---|---|---|
| North Eastern Division | - - | 25 |
| Northern and Central | - - | 22 |
| West Central | - - | 26 |
| Southern | - - | 27 |
| | | 100 |

| NORTH-EASTERN DIVISION. | SEPT., 1900. Total Fall. | Greatest Fall in 24 Hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Hordley | 12.81 | 2.95 | 8 | 15 | 11.18 |
| Manchioneal | 10.33 | 2.30 | 7 | 12 | 11.54 |
| Fair Prospect | 14.09 | 2.79 | 6 | 16 | ... |
| Bath | ... | ... | ... | ... | 13.70 |
| Moore Town | 25.42 | 7.00 | 6 | 14 | ... |
| Port Antonio | 15.73 | 7.47 | 6 | 14 | 10.58 |
| Fellowship | 14.31 | 2.62 | 4 | 22 | 15.10 |
| Johnson River Bridge | 15.53 | 4.98 | 6 | 10 | ... |
| Shrewsbury | 18.21 | 4.12 | 6 | 13 | ... |
| Cedar Valley, St Thomas | 24.05 | 6.74 | 6 | 14 | 12.24 |
| Hill Gardens | 18.95 | 6.85 | ... | 15 | 9.30 |
| Resource | 15.16 | ... | ... | ... | ... |
| Buff Bay | 6.07 | 2.04 | 26 | 15 | 5.64 |
| Avocat | ... | ... | ... | ... | ... |
| Hardware Gap | 14.00 | 4.20 | 6 | 14 | 8.50 |
| Annotto Bay | 3.45 | 0.80 | 26 | 8 | 4.57 |
| Stony Hill Reformatory | 8.64 | 2.65 | 6 | 17 | 9.88 |
| Castleton Gardens | 7.74 | 2.02 | 25 | 26 | 10.57 |
| Lawrence Tavern | 7.29 | 2.71 | 6 | 10 | 8.65 |
| Carew Castle | 11.77 | 2.61 | 6 | 17 | ... |
| Water Valley | 8.25 | 2.80 | 26 | 11 | ... |
| Richmond, St. Mary | 8.81 | 2.50 | 5 | 16 | 4.41 |
| Kendal, St. Mary | ... | ... | | ... | ... |
| Gayle P. W. D. | 9.45 | 2.20 | 26 | 15 | 6.16 |
| Rio Hoe | 8.91 | 1.46 | 26 | 11 | 6.43 |
| Unity Valley | 7.09 | 1.50 | 6 | 13 | 8.14 |
| Moncague | 5.93 | 1.52 | 26 | 13 | 7.48 |
| Claremont | 3.96 | 1.98 | 16 | 10 | 6.15 |
| Albion | 5.90 | 3.40 | 30 | 13 | 6.82 |
| Averham Park | 2.97 | 1.08 | 9 | 14 | 4.73 |
| Ballintoy | 5.97 | 1.70 | 2 | 10 | 7.10 |
| Means | 9.40 | ... | ... | ... | 8.34 |

| NORTHERN DIVISION | SEPT., 1900. Total Fall. | Greatest Fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Port Maria | 1.85 | 0.95 | 26 | 16 | 3.64 |
| Ocho Rios | 1.71 | 1.85 | 9 | 6 | ... |
| Drax Hall | 4.27 | 1.50 | 9 | 10 | 3.82 |
| St. Ann's Bay | 3.64 | 1.10 | 9 | 11 | 2.96 |
| Richmond Estate | 2.41 | 1.05 | 21 | 7 | 4.11 |
| Llandovery | 1.80 | 0.68 | 8 | 9 | 5.76 |
| Southfield | 3.96 | 2.02 | 9 | 10 | ... |
| Browns Town | 2.53 | 1.00 | 9 | 8 | 5.29 |
| Hyde Park | 5.84 | 1.36 | 16 | 8 | ... |
| Dry Harbour | 0.00 | ... | - | ... | ... |
| Chewmagna | 6.00 | 1.35 | 29 | 12 | ... |
| Rome Castle | 1.45 | 0.65 | 16 | 3 | 4.48 |
| Richmond Pen | 3.16 | 0.95 | 9 | 9 | 5.96 |
| Mahogany Hall | 1.75 | 0.68 | 5 | 5 | 6.22 |
| Brampton Bryan | 0.90 | 0.42 | 5 | 4 | 3.81 |
| Bryan Castle | 1.00 | 0.45 | 5 | 5 | 3.48 |
| Bracco | 1.65 | 0.54 | 9 | 8 | 3.58 |
| Arcadia | 0.92 | 0.48 | 5 | 4 | 4.30 |
| Harmony Hall | 1.08 | 0.40 | 5 | 5 | 3.87 |
| Lancaster | 0.90 | 0.52 | 9 | 3 | 4.25 |
| Vale Royal | 1.70 | 0.45 | 5 | 2 | 4.84 |
| Colchis Pen | 1.88 | 0.80 | 9 | 6 | 5.11 |
| Hyde | 2.21 | 0.68 | 8 | 7 | 6.44 |
| Georgia | 0.68 | 0.33 | 5 | 4 | 4.11 |
| Long Pond | 2.02 | 0.61 | 2 | 6 | ... |
| Steelfield | 0.95 | 0.40 | 5 | 4 | 4.39 |
| Oxford | 1.50 | 0.40 | 9 | 5 | 4.08 |
| Cambridge | 2.50 | 1.00 | 9 | 6 | 4.06 |
| Lottery | 4.02 | 1.20 | 5 | 6 | 4.47 |
| Falmouth P. W. D. | 3.58 | 1.45 | 8 | 6 | 5.28 |
| Holland Pen | 2.82 | 0.85 | 8 | 5 | 5.59 |
| Golden Grove, Trelawny | ... | ... | ... | ... | 7.02 |
| Tilston | 5.95 | 3.00 | 8 | 5 | 6.23 |
| Orange Valley | 1.57 | 0.60 | 15 | 4 | 4.09 |
| Kent | 1.80 | 1.05 | 8 | 3 | 4.56 |
| Dundee | 3.25 | 1.80 | 8 | 4 | 5.34 |
| Phœnix | 4.88 | 2.62 | 8 | 10 | 7.45 |
| Gales Valley | 4.40 | 2.50 | 15 | 3 | 7.00 |
| Canaan | 5.86 | 2.60 | 9 | 6 | 8.06 |
| Lima | 1.85 | 0.70 | 8 | 5 | ... |
| Content | 2.22 | 0.50 | 2 | 7 | 6.28 |
| Guilsbro' | 3.86 | 2.00 | 9 | 6 | 7.60 |
| Teogan | 4.92 | 1.35 | 2 | 7 | 5.48 |
| Success | 1.80 | 1.00 | 1 | 4 | 3.77 |
| Cinnamon Hill | 2.90 | 1.20 | 8 | 5 | 4.02 |
| Rose Hall | 2.42 | 1.10 | 8 | 5 | 3.88 |
| Running Gut | 2.24 | 0.57 | 8 | 5 | 4.11 |
| Spring | ... | ... | ... | ... | 5.47 |
| Ironshore | 2.08 | 1.00 | 8 | 5 | 4.59 |
| Montego Bay | 1.74 | 0.49 | 9 | 9 | 7.47 |
| Fairfield, St. James | 2.25 | 0.75 | 8 | 7 | 7.84 |
| Anchovy | 8.80 | 1.22 | 30 | 6 | 8.52 |
| Round Hill | 1.20 | 0.50 | 8 | 5 | 5.56 |
| Tyrall | 5.66 | 4.45 | 8 | 4 | 5.76 |
| Sandy Bay | 6.30 | 4.05 | 8 | 9 | 6.33 |
| Lucea | 3.54 | 0.57 | 8 | 10 | 6.62 |

| Central Sub-Division. | September, 1900. Total Fall. | Greatest Fall in 24 hours. Amount. | Date. | Days on which 0·01″ or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Headworks Rio Cobre Canal | 11.74 | 2.91 | 6 | 17 | 5.89 |
| Linstead | 13.71 | 8.00 | 6 | 11 | 7.60 |
| Point Hill | 0.00 | ... | ... | ... | 11.13 |
| Worthy Park | 15.76 | 8.00 | 6 | 8 | 7.54 |
| Keiletts | 15.11 | 3.00 | 9 | 11 | ... |
| Chapelton | 16.82 | 2.56 | 30 | 13 | 7.27 |
| Lower Chapelton | 16.81 | 3.00 | 9 | 14 | 7.27 |
| Savoy House | 10.84 | 2.40 | 4 | 18 | ... |
| Mears | 13.69 | 2.12 | 5 | 14 | ... |
| Cave Valley | 5.97 | 1.32 | 6 | 16 | 7.45 |
| Means | 8.83 | ... | ... | ... | 5.44 |
| **West Central Division** | | | | | |
| Mocho | 17.16 | 2.50 | 6 | 11 | ... |
| Baillieston | 12.29 | 3.00 | 30 | 11 | ... |
| Farm Plantation | 11.09 | 2.60 | 5 | 14 | 8.32 |
| Brokenhurst | ... | ... | ... | ... | 8.43 |
| Christiana | 15.09 | 3.32 | 2 | 15 | 9.65 |
| Kendal, Manchester | 11.43 | 4.10 | 5 | 11 | 10.12 |
| Mandeville P. W. D. | 11.19 | 4.31 | 5 | 15 | 9.76 |
| Carlton, Mandeville | 10.61 | 3.46 | 6 | 11 | ... |
| Fairfield, Manchester | 7.95 | 3.30 | 5 | 10 | ... |
| Ulster Spring | 5.17 | 1.40 | 5 | 10 | 7.70 |
| Troy | 16.10 | 2.80 | 2 | 10 | 11.86 |
| Montabelle, Trelawny | 8.05 | 2.50 | 8 | 7 | 11.44 |
| Windsor Pen, Trelawny | 6.58 | 1.95 | 2 | 10 | 9.64 |
| Balaclava | 14.67 | 2.18 | 5 | 15 | 9.64 |
| Ellin | 16.65 | 4.42 | 2 | 10 | 13.76 |
| Appleton | 9.94 | 2.05 | 5 | 15 | 11.82 |
| Maggotty | 11.47 | 3.50 | 3 | 16 | 10.91 |
| Spring Vale, St James | 7.00 | 2.08 | 8 | 7 | 10.62 |
| Maroon Town, St. James | 7.50 | 2.60 | 29 | 11 | 2.59 |
| Kempshot | 5.02 | 1.60 | 8 | 9 | 10.09 |
| Kepp | 9.62 | 2.30 | 30 | 12 | 11.62 |
| Kew Park | 11.92 | 2.36 | 22 | 13 | 11.71 |
| Hazelymph | 6.44 | 2.60 | 9 | 10 | 9.69 |
| King Gate | 4.59 | 2.70 | 9 | 5 | ... |
| Darliston | 14.21 | 2.21 | 9 | 20 | 12.44 |
| Whithorn | 11.52 | 3.61 | 2 | 15 | 11.05 |
| Galloway | 11.21 | 3.50 | 2 | 11 | ... |
| Lethe Bridge | 4.04 | 1.40 | 8 | 6 | 12.18 |
| Copse | 3.75 | 1.30 | 9 | 7 | 10.72 |
| Cacoon Castle | 5.10 | 2.36 | 8 | 11 | 9.93 |
| Great Valley | ... | ... | ... | ... | 12.41 |
| Brownsville | 6.25 | 1.60 | 8 | 17 | ... |
| Morgan's Bridge | 7.21 | 1.19 | 24 | 18 | 9.86 |
| King's Valley | 6.05 | 2.05 | 27 | 12 | 12.82 |
| King's Vale Police Station | 9.82 | 1.59 | 21 | 13 | ... |
| Means | 9.07 | ... | ... | ... | 10.37 |

| Southern Division. | September, 1900. Total Fall. | Greatest Fall in 24 hours. Amount. | Date. | Days on which 0·01″ or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Mount Peto Light House | 7.74 | 1.65 | 8 | 20 | 7.64 |
| Morant Bay | 6.75 | 2.17 | 4 | 7 | 8.23 |
| Easington | 13.91 | 5.10 | 6 | 11 | 8.11 |
| Bull Bay | 8.08 | 4.00 | 6 | 5 | 3.48 |
| Jordan Town | 12.80 | 6.20 | 6 | 15 | 7.46 |
| Hope Gardens | 15.12 | 6.77 | 6 | 10 | 6.54 |
| King's House | 10.61 | 5.12 | 7 | 12 | 5.03 |
| Halfway-Tree | 8.86 | 4.65 | 6 | 11 | 4.09 |
| Lunatic Asylum | 2.62 | 0.60 | 6 | 12 | ... |
| Kingston Gardens | 10.30 | 6.55 | 6 | 12 | .... |
| Public Works Office, Kingston | 3.55 | 0.38 | 6 | 10 | 3.96 |
| Plumb Point Light House | 8.80 | 5.70 | 6 | 10 | 3.03 |
| Port Royal, Naval Hospital | 13.78 | 7.20 | 6 | 9 | ... |
| Port | 10.78 | 4.50 | 6 | 14 | 4.92 |
| Lawrence field† | 11.52 | 3.50 | 5 | 7 | ... |
| Spanish Town | 13.51 | 3.81 | 6 | 13 | 4.20 |
| Hog Hole Pen | 16.14 | 5.53 | 7 | 11 | 5.84 |
| Browns Hall | 18.23 | 10.40 | 5 | 9 | ... |
| Old Harbour | 15.21 | 7.25 | 5 | 14 | 5.50 |
| Ma Pen | 14.78 | 4.80 | 6 | 15 | 6.51 |
| Hermitage Clarendon | ... | ... | ... | ... | ... |
| Denbigh | ... | ... | ... | ... | 5.39 |
| New Yarmouth | 10.25 | 3.75 | 6 | 9 | 5.55 |
| Best | 10.50 | 2.77 | 6 | 13 | ... |
| Victoria Town | 10.36 | 2.98 | 9 | 11 | 6.16 |
| Stone's Hope | 11.85 | 1.75 | 5 | 9 | 7.94 |
| Newport, Manchester | 9.89 | 3.00 | 5 | 11 | 7.12 |
| Alligator Pond | 5.85 | 3.72 | 5 | 5 | 4.05 |
| Forsdam | 12.11 | 8.80 | 5 | 11 | 5.21 |
| Long Hill | 12.19 | 2.77 | 6 | 15 | 7.94 |
| Pepper | 11.72 | 5.00 | 20 | 14 | 8.09 |
| Torrington | 9.96 | 7.00 | 5 | 7 | 5.19 |
| Bethlehem, St. Elizabeth | 11.45 | 6.50 | 4 | 13 | ... |
| Santa Cruz | 12.89 | 3.55 | 5 | 15 | 9.47 |
| Pedro Plains | 6.58 | 3.00 | 5 | 7 | ... |
| Black River | 4.92 | 1.66 | 5 | 16 | 5.24 |
| Font Hill | 2.95 | 1.30 | 5 | 6 | 4.84 |
| Peter's Ville | 9.02 | 1.84 | 30 | 18 | 8.68 |
| Salem | 10.59 | 1.95 | 25 | 9 | ... |
| Mount Edgecombe | 6.69 | 1.25 | 5 | 16 | 7.86 |
| Sweet River | 6.99 | 1.84 | 23 | 12 | 7.87 |
| Cornwall | 8.61 | 2.56 | 2 | 13 | ... |
| Windsor, Savanna-la-Mar | 6.71 | 1.20 | 2 | 16 | 7.11 |
| Savanna-la-Mar P. W. D | 7.25 | 1.89 | 30 | 11 | 6.64 |
| Retreat | 8.54 | 3.38 | 9 | 11 | 7.69 |
| Negril Point Lighthouse | 3.18 | 1.14 | 9 | 8 | ... |
| Means | 10.15 | ... | ... | ... | 6.82 |

†Gauge ran over on 5th.

## NOTES.

### Comparative Table of Rainfall.

*(Based upon the "Average" Stations only.)*

| | September. 1900. | September. Average. |
|---|---|---|
| | In. | In. |
| North Eastern Division | 9.40 | 8.34 |
| Northern | 3.83 | 5.44 |
| West Central | 9.07 | 10.37 |
| Southern | 10.19 | 6.32 |
| Means | 8.12 | 7.62 |

The Rainfall for September was therefore a little above the average for the whole Island. The largest rainfall, at Moore Town was 25.42 ; but no rain fell at Point Hill and at Dry Harbour. It will be noticed that the Southern Division had more than its average ; the heaviest rains fell about the 5th and 6th—and these were caused by strong S.E. winds due to the development of the Cyclone in the Gulf Stream which devastated Galveston. This Cyclone passed on a westerly course north of Jamaica as a shallow depression causing little or no wind, and not much rain ; but the returns from Morant Point and Negril Lighthouses show that the Cyclone developed as it moved away with the above mentioned results.

A slight shock of Earthquake was felt at *Copse* and Peters Ville about 11.15 a.m. on Sept. 11th.

### The Health of Kingston.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases, compared with the average number.

| | September. 1900. | Average. 1890 to 1899 | Average. 1880 to 1889. |
|---|---|---|---|
| Infantile diseases not otherwise specified | 13 | 15 | 11 |
| Lung disease | 8 | 15 | 12 |
| Fever and Malaria | 5 | 8 | 7 |
| Dysentery and Diarrhœa | 1 | 4 | 2 |
| Various | 20 | 36 | 47 |
| Total | 47 | 79 | 79 |

### Blue Mountain Peak :—7,423 feet.

| Day. | Hour. | Temp. | Extreme Temps. since last reading. Max. | Extreme Temps. since last reading. Min. | Total Rain Since last reading. |
|---|---|---|---|---|---|
| | | ° | ° | ° | In. |
| Sep. 30 | 9.20 a.m. | 64 | 72.9 | 44.8 | 22.15 |

### United States Station, Halfway Tree.

| September, 1900. | 8 A. M. | 8 P. M. |
|---|---|---|
| Bar-Pressure | 29.922 | 29.898 |
| Temperature | 78.2 | 77.0 |
| Dew Point | 69.9 | 72.5 |
| Humidity | 76.6 | 86.4 |
| Cloud | 5.1 | 4.2 |

Mean Max. Temp. 86.9
Mean Min. Temp. 72.0
Mean Range 14.9
Extreme Temps. { Max. 91 on the 21st / Min. 69 on the 22nd
Mean Wind per diem 129 miles
Max Wind : S.E., 22 miles per hour.

### Weather Report No. 258.

Returns sent up too late for publication in that Report.

| | August, 1900. Total fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell |
|---|---|---|---|---|
| | In. | In. | | |
| Windsor, Sav-la-mar | 5.94 | 0.88 | 8 | 21 |
| Unity Valley | 5.46 | 1.70 | 28 | 15 |
| King's Valley | 8.80 | 0.50 | 18 | 20 |
| Ironshore | 1.40 | 0.55 | 17 | 3 |
| Brokenhurst | 6.55 | - - | - - | — |
| Great Valley | 9.45 | 2.38 | 16 | 7 |
| Pedro Plains | 1.37 | 0.73 | 28 | 3 |
| Half-way Tree | 2.66 | 0.97 | 28 | 7 |
| Ferry | 1.51 | 0.60 | 20 | 6 |
| Lawrence Tavern | 8.92 | 2.23 | 8 | 10 |
| Gordon Town | 1.68 | 0.40 | 28 | 7 |
| Hardware Gap | 7.70 | 2.00 | 28 | 6 |
| Lunatic Asylum | 1.42 | 0.88 | 20 | 5 |
| Bull Bay | 2.25 | 1.70 | 20 | 2 |
| May Pen | 4.33 | 1.00 | 31 | 9 |
| Chapelton | 2.35 | 0.51 | 21 | 8 |
| Mears | 8.95 | 1.59 | 1 | 15 |
| New Yarmouth | 2.30 | 0.85 | 8 | 6 |
| Mocho | 3.96 | 0.96 | 24 | 8 |
| Kellets | 5.54 | 1.90 | 6 | 9 |
| Best | 1.44 | 0.38 | 28 | 8 |

MAXWELL HALL.

Montego Bay,
Oct. 22nd 1900.

It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay.

M. H.

48

No. 260.

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JAMAICA

# WEATHER REPORT

FOR THE MONTH OF

## OCTOBER, 1900.

### METEOROLOGICAL RESULTS.

The Bar-pressures at all the Stations except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45°,, and mean sea-level. The pressure at the Hill Gardens is reduced to the first three standards only. The Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus: the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus.

| Station. | Elevation. | Bar. Pressure. | | Temperature. | | | | | Extreme Temperature. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a.m. | 3 p.m. | 7 a.m. | 3 p.m. | Max. | Min. | Range. | Max. | Date. | Min. | Date. | Range. |
| | ft. | in. | in. | ° | ° | ° | ° | ° | ° | | ° | | ° |
| Morant Point Light House | 8 | 29.879 | 29.834 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Negril Point Light House | 33 | 29.887 | 29.831 | 78.1 | 84.0 | 87.0 | 72.8 | 14.2 | 88 | 3* | 68 | 25* | 20 |
| King's House | 400 | ... | ... | 73.1 | 82.6 | 88.9 | 62.7 | 26.2 | 91 | 17* | 56 | 28 | 35 |
| Castleton Gardens | 496 | ... | ... | 71.4 | 80.8 | 86.8 | 65.4 | 21.4 | 89 | 9* | 62 | 26* | |
| Hope Gardens | 600 | ... | ... | 72.4 | 81.6 | 87.2 | 68.0 | 19.2 | 90 | 22 | 63 | 14 | 27 |
| Stony Hill Reformatory | 1,400 | ... | ... | 72.9 | 82.3 | 86.2 | 65.0 | 21.2 | 89 | 5 | 62 | 28 | 27 |
| Hill Gardens | 4,907 | 25.193 | 25.162 | 62.0 | 65.9 | 69.2 | 59.9 | 9.3 | 74 | 16 | 55 | 27 | 19 |

| Station. | Elevation. | Dew Point and Humidity. | | | | Rainfall. | Wind per diem. | Wind: direction (from) and miles per hour.) | | | | Amount of Cloud. Lower, Middle and Upper. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a.m. | | 3 p.m. | | | | 7 a.m. | | 3 p.m. | | 7 a.m. | | | 3 p.m. | | |
| | | ° | | ° | | in. | miles | | m. | | m. | L. | M. | U. | L. | M. | U. |
| Morant Point Light House | 8 | ... | ... | ... | ... | 3.94 | ... | var | 7.6 | var | 11.3 | 1.5 | 2.0 | 1.0 | 2.0 | 2.3 | 1.2 |
| Negril Point Light House | 33 | 72.9 | 84 | 78.5 | 71 | 4.48 | 182 | var | 6.5 | var | 7.4 | 0.6 | 1.8 | 3.9 | 2.6 | 5.2 | 0.2 |
| King's House | 400 | 69.9 | 89 | 76.9 | 71 | 2.09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castleton Gardens | 496 | 68.0 | 91 | 76.9 | 84 | 11.80 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hope Gardens | 600 | 68.5 | 87 | 72.5 | 71 | 2.08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Stony Hill Reformatory | 1,400 | 68.4 | 86 | 71.0 | 86 | 8.08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hill Gardens | 4,907 | 58.9 | 87 | 61.0 | 89 | 7.51 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

*And on other days.

## RAINFALL FOR OCTOBER, 1900.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced in the Comparative Table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-Division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North Eastern and West Central Divisions are the remaining parts of the Island, bounded by the sea and the other Divisions. Their relative areas are as follows: -

| | | | |
|---|---|---|---|
| North Eastern Division | – | – | 25 |
| Northern and Central | – | – | 22 |
| West Central | – | – | 26 |
| Southern | – | – | 27 |
| | | | 100 |

| NORTH-EASTERN DIVISION. | OCTOBER, 1900. Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Hordley | 8.74 | 1.25 | 15 | 17 | 18.22 |
| Manchioneal | 6.94 | 2.20 | 2 | 10 | 24.28 |
| Fair Prospect | 6.39 | 1.00 | 4 | 12 | ... |
| Bath | ... | ... | ... | ... | 23.23 |
| Moore Town | 14.87 | 4.50 | 31 | 12 | ... |
| Port Antonio | 6.97 | 1.60 | 15 | 19 | 15.01 |
| Fellowship | 12.07 | 3.55 | 15 | 21 | 19.75 |
| Johnson River Bridge | 2.84 | 1.20 | 15 | 7 | ... |
| Shrewsbury | 11.41 | 3.00 | 15 | 9 | ... |
| Cedar Valley, St. Thomas | 6.04 | 1.31 | 15 | 10 | 31.04 |
| Hill Gardens | 7.51 | 1.85 | 24 | 17 | 19.44 |
| Resource | 7.00 | ... | ... | ... | ... |
| Buff Bay | 5.51 | 2.25 | 15 | 6 | 12.33 |
| Mt. Holstein | 8.67 | 2.12 | 24 | 18 | ... |
| Hardware Gap | 20.25 | ... | ... | .. | 18.26 |
| Annotto Bay | 2.65 | 1.00 | 24 | 5 | 10.27 |
| Stony Hill Reft. | 8.08 | 1.50 | 12 | 17 | 14.94 |
| Castleton Gardens | 11.80 | 2.10 | 13 | 23 | 16.06 |
| Lawrence Tavern | 9.04 | 0.80 | 6 | 11 | 12.84 |
| Carew Castle | 14.19 | 2.77 | 10 | 22 | ... |
| Water Valley | 2.81 | 0.63 | 24 | 6 | ... |
| Richmond, St. Mary | 4.12 | 1.10 | 12 | 18 | 12.05 |
| Kendal, St. Mary | ... | ... | ... | ... | ... |
| Gayle, P.W.D. | 4.35 | 0.89 | 7 | 12 | 11.58 |
| Rio Hoe | 7.03 | 1.38 | 3 | 12 | 10.34 |
| Unity Valley | ... | ... | ... | . | 9.71 |
| Moneague | 6.01 | 1.45 | 12 | 13 | 12 43 |
| Claremont | 6.46 | 0.97 | 8 | 16 | 9.37 |
| Albion | 8.64 | 1.50 | 13 | 20 | 9.02 |
| Averham Park | 6.98 | 1.44 | 3 | 18 | 9.82 |
| Ballintoy | 8.38 | 1.80 | 8 | 17 | 10.38 |
| Means | 7.88 | ... | ... | ... | 14.87 |

| NORTHERN DIVISION. | OCTOBER, 1900. Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Port Maria | 2.84 | 0.60 | 15 | 11 | 9.21 |
| Ocho Rios | 3.10 | 0.90 | 23 | 7 | ... |
| Drax Hall | 4.15 | 1.21 | 23 | 12 | 7.56 |
| St. Ann's Bay | 3.63 | 0.80 | 23 | 13 | 9.23 |
| Richmond Estate | 4.09 | 1.00 | 27 | 10 | 8.26 |
| Llandovery | 1.56 | 0.75 | 24 | 3 | 8.10 |
| Southfield | 3.52 | 1.23 | 2 | 9 | ... |
| Brown's Town | 4.65 | 1.05 | 1 | 14 | 10.78 |
| Hyde Park | 5.52 | 1.46 | 28 | 7 | ... |
| Dry Harbour | 3.90 | 2.10 | 7 | 4 | ... |
| Chewmagna | 7.49 | 1.08 | 15 | 18 | ... |
| Home Castle | 3.52 | 0.65 | 3 | 8 | 7.27 |
| Richmond Pen | 9.02 | 4.00 | 6 | 10 | 7.84 |
| Mahogany Hall | 16.42 | 2.98 | 5 | 17 | 7.61 |
| Brampton Bryan | 7.07 | 1.60 | 3 | 13 | 4.85 |
| Bryan Castle | 6.50 | 0.75 | 15 | 12 | 5.44 |
| Braco | 3.57 | 1.55 | 3 | 7 | 5.36 |
| Arcadia | 5.37 | 1.25 | 3 | 12 | 6.27 |
| Harmony Hall | 3.74 | 1.38 | 3 | 9 | 5.35 |
| Lancaster | 3.41 | 1.30 | 3 | 12 | 5.90 |
| Vale Royal | 4.52 | 1.62 | 15 | 15 | 6.65 |
| Colchis Pen | 7.89 | 1.08 | 14 | 15 | 8.42 |
| Hyde | 7.21 | 1.38 | 5 | 21 | 7.51 |
| Georgia | 5.41 | 1.59 | 15 | 16 | 6.32 |
| Long Pond | 8.31 | 1.98 | 5 | 15 | ... |
| Steelfield | 5.58 | 1.55 | 15 | 11 | 6.12 |
| Oxford | 6.92 | 1.60 | 1 | 10 | 7.44 |
| Cambridge | 4.85 | 1.50 | 15 | 8 | 6.71 |
| Lottery | 4.33 | 1.25 | 15 | 7 | 6.57 |
| Falmouth P.W.D. | 4.18 | 1.43 | 3 | 9 | 5.96 |
| Holland Pen | 3.89 | 1.50 | 3 | 7 | 6.21 |
| Golden Grove, Trelawny | 12.15 | 2.30 | 2 | 17 | 7.15 |
| Tilston | 10.65 | 1.80 | 12 | 16 | 7.48 |
| Orange Valley | 3.20 | 1.20 | 3 | 6 | 6.90 |
| Kent | 3.40 | 0.90 | 9 | 6 | 6.93 |
| Dundee | 5.78 | 1.55 | 3 | 9 | 6.63 |
| Phœnix | 9.73 | 1.50 | 12 | 20 | 9.74 |
| Gales Valley | 7.85 | 1.80 | 12 | 13 | 7.68 |
| Canaan | 7.38 | 2.40 | 1 | 10 | 8.18 |
| Lima | 4.60 | 1.50 | 1 | 10 | ... |
| Content | 5.70 | 1.30 | 1 | 9 | 6.08 |
| Guilsbro' | 3.90 | 1.60 | 2 | 14 | 7.10 |
| Leogan | 5.08 | 1.55 | 3 | 9 | 8.40 |
| Success | 1.23 | 0.45 | 15 | 6 | 6.27 |
| Cinnamon Hill | 3.51 | 0.95 | 15 | 7 | 6.57 |
| Rose Hall | 3.75 | 0.90 | 15 | 7 | 5.76 |
| Running Gut | 3.18 | 0.78 | 26 | 5 | 5.07 |
| Spring | ... | ... | ... | .. | 7.75 |
| Ironshore | 2.74 | 1.45 | 23 | 4 | 5.95 |
| Montego Bay | 3.98 | 1.24 | 3 | 12 | 8.17 |
| Fairfield, St. James | 6.85 | 1.40 | 7 | 16 | 7.49 |
| Anchovy | 9.71 | 2.00 | 7 | 14 | 6.99 |
| Round Hill | 9.40 | 1.20 | 2 | 18 | 6.21 |
| Tryall | 6.73 | 1.40 | 13 | 12 | 5.67 |
| Sandy Bay | 6.34 | 1.42 | 3 | 11 | 10.51 |
| Lucea | 3.49 | 1.08 | 3 | 14 | 9.59 |

| Central Sub-Division | October, 1900. Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Headworks, Rio Cobre Canal | 3.18 | 0.72 | 10 | 9 | 10.62 |
| Linstead | 0.90 | 0.60 | 15 | 2 | 11.08 |
| Point Hill | 7.98 | 2.20 | 3 | 10 | 19.66 |
| Worthy Park | 3.09 | 1.04 | 15 | 7 | 12.02 |
| Kelletts | 4.32 | 1.60 | 17 | 7 | .. |
| Chapelton | 4.72 | 1.10 | 31 | 15 | 13.00 |
| Lower Chapelton | 4.35 | 1.08 | 31 | 13 | 16.42 |
| Savoy House | 2.59 | 1.39 | 31 | 16 | ... |
| Mears | 5.89 | 1.80 | 1 | 13 | ... |
| Cave Valley | 6.68 | 1.10 | 26 | 10 | 10.13 |
| Means | 5.57 | ... | ... | ... | 8.08 |
| **West Central Division.** | | | | | |
| Mocho | 11.90 | 2.50 | 5 | 10 | ... |
| Baillieston | 7.48 | 3.40 | 4 | 7 | ... |
| Farm Plantation | 6.27 | 1.57 | 18 | 9 | 15.92 |
| Brokenhurst | 13.47 | ... | ... | ... | 16.04 |
| Christiana | 6.73 | 1.43 | 15 | 15 | 14.86 |
| Kendal, Manchester | 7.78 | 1.39 | 1 | 15 | 18.83 |
| Mandeville P.W.D | 9.62 | 2.28 | 1 | 19 | 18.05 |
| Carlton, Mandeville | 8.76 | 2.03 | 1 | 13 | ... |
| Fairfield, Manchester | 5.24 | 2.78 | 15 | 7 | ... |
| Ulster Spring | 8.40 | 1.90 | 6 | 11 | 10.44 |
| Troy | 10.42 | 2.95 | 10 | 12 | 16.68 |
| Fontabelle, Trelawny | 10.95 | 2.60 | 27 | 20 | 11.35 |
| Windsor Pen, Trelawny | 8.91 | 2.05 | 1 | 19 | 9.02 |
| Balaclava | 6.55 | 1.40 | 26 | 9 | 15.64 |
| Elim | 14.50 | 4.92 | 6 | 12 | 19.50 |
| Appleton | 4.48 | 1.15 | 4 | 14 | 12.85 |
| Maggotty | 6.82 | 1.45 | 4 | 12 | 16.36 |
| Spring Vale, St. James | 9.67 | 0.87 | 13 | 20 | 10.42 |
| Maroon Town, St. James | 9.30 | 1.80 | 15 | 17 | 12.93 |
| Kempshot | 7.33 | 1.78 | 2 | 21 | 9.78 |
| Kepp | 5.73 | 1.22 | 15 | 7 | 13.20 |
| Kew Park | 10.06 | 1.40 | 1 | 19 | 11.50 |
| Hazelymph | 9.66 | 1.40 | 1 | 15 | 10.57 |
| King Gate | 9.68 | 2.00 | 8 | 12 | ... |
| Darliston | 11.88 | 2.58 | 8 | 16 | 15.43 |
| Whithorn | 4.48 | 1.26 | 15 | 12 | 14.19 |
| Galloway | 4.37 | 1.08 | 15 | 10 | ... |
| Lethe Bridge | 10.11 | 1.75 | 1 | 12 | 13.34 |
| Copse | 8.26 | 1.50 | 15 | 12 | 9.94 |
| Cacoon Castle | 10.50 | 2.17 | 6 | 15 | 9.78 |
| Great Valley | 15.65 | 2.12 | 3 | 17 | 12.10 |
| Brownsville | 5.37 | 1.00 | 5 | 19 | ... |
| Morgans Bridge | 7.68 | 1.62 | 8 | 15 | 15.30 |
| King's Valley | 3.95 | 1.80 | 17 | 12 | 13.36 |
| Kings Vale Police Station | 9.12 | 1.49 | 3 | 16 | ... |
| Means | 8.82 | ... | ... | ... | 13.61 |

| Southern Division, | October, 1900. Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Morant Point Light House | 3.94 | 0.78 | 13 | 18 | 11.60 |
| Morant Bay | 4.38 | 1.08 | 15 | 11 | 18.04 |
| Easington | 2.35 | 0.50 | 15 | 11 | 18.37 |
| Bull Bay | 1.13 | 0.83 | 4 | 4 | 12.05 |
| Gordon Town | 2.26 | 0.50 | 6 | 8 | 17.61 |
| Hope Gardens | 2.08 | 0.37 | 5 | 14 | 11.75 |
| King's House | 2.09 | 0.50 | 15 | 10 | 11.09 |
| Halfway Tree | 1.82 | 0.44 | 4 | 11 | 12.12 |
| Lunatic Asylum | 0.14 | 0.11 | 14 | 4 | ... |
| Kingston Gardens | 0.39 | 0.16 | 11 | 4 | ... |
| Public Works Office, Kingston | 0.43 | 0.13 | 15 | 5 | 8.34 |
| Plumb Point Light House | 0.52 | 0.24 | 11 | 6 | 8.27 |
| Port Royal Naval Hospital | 1.97 | 1.47 | 11 | 4 | ... |
| Ferry | 1.60 | 0.37 | 10 | 13 | 15.19 |
| Lawrencefield | 1.20 | 1.20 | 11 | 1 | ... |
| Spanish Town | 1.46 | 1.04 | 11 | 3 | 10.02 |
| Hog Hole Pen | 2.97 | 0.93 | 1 | 7 | 10.48 |
| Browns Hall | 2.40 | 0.95 | 31 | 4 | ... |
| Old Harbour | 2.65 | 0.90 | 23 | 6 | 11.80 |
| May Pen | 2.55 | 0.63 | 11 | 10 | 15.04 |
| Hermitage, Clarendon | ... | ... | ... | ... | ... |
| Denbigh | ... | ... | ... | ... | 10.75 |
| New Yarmouth | 3.61 | 1.00 | 15 | 6 | 13.82 |
| Rest | 3.54 | 1.28 | 15 | 7 | ... |
| Victoria Town | 2.92 | 1.52 | 22 | 4 | 13.56 |
| Stone's Hope | 8.01 | 2.40 | 2 | 8 | 14.89 |
| Newport, Manchester | 7.14 | 1.87 | 15 | 9 | 15.84 |
| Alligator Pond | 3.70 | 1.20 | 15 | 5 | 10.90 |
| Potsdam | 3.56 | 1.17 | 22 | 7 | 10.81 |
| Long Hill | 8.50 | 1.28 | 5 | 12 | 13.04 |
| Pepper | 3.60 | 1.30 | 15 | 10 | 13.45 |
| Torrington | 3.55 | 1.54 | 4 | 8 | 14.04 |
| Bethlehem, St. Elizabeth | 4.37 | 1.36 | 15 | 14 | ... |
| Santa Cruz | 11.77 | 2.34 | 5 | 12 | 11.78 |
| Pedro Plains | 6.92 | 2.30 | 6 | 9 | ... |
| Black River | 4.96 | 2.23 | 5 | 10 | 9.03 |
| Font Hill | 6.10 | 2.10 | 15 | 6 | 12.66 |
| Peter's Ville | 7.89 | 2.07 | 5 | 12 | 11.96 |
| Salem | 8.10 | 1.53 | 5 | 7 | ... |
| Mount Edgecombe | 4.16 | 1.21 | 15 | 11 | 10.82 |
| Sweet River | 2.72 | 1.15 | 15 | 8 | 10.09 |
| Cornwall | 4.08 | 1.62 | 5 | 4 | ... |
| Windsor, Sav.-la.-Mar | 3.15 | 1.20 | 15 | 10 | 8.29 |
| Sav.-la-Mar P.W.D. | 2.53 | 0.81 | 15 | 5 | 9.99 |
| Retreat | 2.17 | 0.65 | 5 | 6 | 13.46 |
| Negril Point Lighthouse | 4.48 | 1.09 | 22 | 12 | ... |
| Means | 3.71 | ... | ... | ... | 12.43 |

# NOTES.

## Comparative Table of Rainfall.

*(Based upon the "Average" Stations only.)*

| | October. | |
|---|---|---|
| | 1900. | Average. |
| | In. | In. |
| North Eastern Division | 7.88 | 14.87 |
| Northern | 5.57 | 8.08 |
| West Central | 8.82 | 13.61 |
| Southern | 3–71 | 12.43 |
| Means | 6.50 | 12.29 |

The Rainfall for October was therefore only half the average, In 1896 and 1890 there were also poor October Seasons; and in 1888 the Island Rainfall amounted to only 4.88.

But as usual the Rainfall was very unevenly distributed the largest, 20.25, occurred at Hardware Gap; the lowest, 0.14, 0.39, and 0.43, all occurred in Kingston.

## The Health of Kingston.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases, compared with the average number.

| | October. | | |
|---|---|---|---|
| | 1900. | Average. 1890 to 1899. | Average. 1880 to 1889. |
| Infantile diseases not otherwise specified | 18 | 17 | 13 |
| Lung disease | 17 | 14 | 14 |
| Fever and Malaria | 8 | 7 | 7 |
| Dysentery and Diarrhœa | 2 | 7 | 4 |
| Various | 29 | 41 | 54 |
| Total | 74 | 86 | 92 |

## Blue Mountain Peak—7,423 feet.

| Day. | Hour. | Temp. | Extreme Temps. since last reading. Max. | Extreme Temps. since last reading. Min. | Total Rain since last reading. |
|---|---|---|---|---|---|
| | | ° | ° | ° | In. |
| Oct. 31 | 11.15 a.m. | 64 | 71.9 | 45.8 | 25.16 |

## United States Station, Halfway Tree.

| October, 1900. | 8 A.M. | 8 P.M. |
|---|---|---|
| Bar Pressure | 29.605 | 29.581 |
| Temperature | 77.7 | 76.6 |
| Dew Point | 69.5 | 72.2 |
| Humidity | 76.5 | 86.2 |
| Cloud | 3.6 | 3.8 |

°
Mean Max. Temp. 86.8
Mean Min. Temp. 71.1
Mean Range 15.7
Extreme Temps. { Max. 90 on the 18th / Min. 68 on the 25th
Mean Wind per diem 121 miles
Max. Wind S.E., 21 miles per hour.

| Weather Report No. 259. Returns sent up too late for publication in that Report. | September, 1900. Total fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. |
|---|---|---|---|---|
| | In. | In. | | |
| Brokenhurst | 12.22 | ... | ... | ... |

## Corrigenda.

Whether Report No. 256 containing the Rainfall from 1870 to 1899 should be marked No. 256A.

In No. 259, p. 3, for Point Hill instead of 0.00, read –26.82, 12.40, 6.12, with a foot note that the gauge overflowed on the 6th.

Maxwell Hall.

Montego Bay,
Nov. 29th, 1900.

It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay.

M. H.

LIBRARY
JAN 9 1901
Weather Bureau

No. 261.

JAMAICA

# WEATHER REPORT

FOR THE MONTH OF

## NOVEMBER, 1900.

### METEOROLOGICAL RESULTS.

The Bar-pressures at all the Stations except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45°, and mean sea-level. The pressure at the Hill Gardens is reduced to the first three standards only. The Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental error.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus.

| Station. | Elevation. | Bar. Pressure. | | Temperature. | | | | | Extreme Temperature. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a.m. | 3 p.m. | 7 a.m. | 3 p.m. | Max. | Min. | Range. | Max. | Date. | Min. | Date. | Range. |
| | ft. | in. | in. | ° | ° | ° | ° | ° | ° | | ° | | ° |
| Morant Point Light House | 8 | 29.912 | 29.862 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Negril Point Light House | 33 | 29.930 | 29.864 | 75.9 | 83.4 | 86.9 | 71.6 | 15.3 | 89 | 1* | 67 | 23 | 22 |
| King's House | 400 | ... | ... | 71.9 | 82.8 | 89.1 | 62.0 | 27.1 | 93 | 19 | 56 | 24 | 37 |
| Castleton Gardens | 496 | ... | ... | 69.7 | 80.5 | 85.4 | 65.9 | 19.5 | 89 | 1 | 61 | 26* | 28 |
| Hope Gardens | 600 | ... | ... | 70.5 | 83.2 | 86.4 | 67.1 | 19.3 | 90 | 1 | 60 | 1 | 30 |
| Stony Hill Reformatory | 1,400 | ... | ... | 71.6 | 81.8 | 84.6 | 64.5 | 20.1 | 87 | 3* | 62 | 28 | 25 |
| Hill Gardens | 4,907 | 25.222 | 25.175 | 61.5 | 65.5 | 68.6 | 59.4 | 9.2 | 74 | 16 | 55 | 30 | 19 |

| Station. | Elevation. | Dew Point and Humidity. | | | | Rainfall. | Wind per diem. | Wind: direction (from) and miles per hour.) | | | | Amount of Cloud. Lower, Middle and Upper. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a.m. | | 3 p.m. | | | | 7 a.m. | | 3 p.m. | | 7 a.m. | | | 3 p.m. | | |
| | | ° | | ° | | in. | miles | | m. | | m. | L. | M. | U. | L. | M. | U. |
| Morant Point Light House | 8 | ... | ... | ... | ... | 7.67 | ... | var | 9. | var | 11.6 | 1.9 | 2.8 | 1.0 | 1.9 | 2.0 | 1.0 |
| Negril Point Light House | 33 | 71.9 | 87 | 72.5 | 70 | 3.07 | 193 | var | 5.9 | var | 8.8 | 0.7 | 1.9 | 2.6 | 1.6 | 5.2 | 0.4 |
| King's House | 400 | 69.0 | 90 | 76.5 | 80 | 1.75 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castleton Gardens | 496 | 67.4 | 93 | 74.0 | 78 | 11.77 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hope Gardens | 600 | 66.9 | 87 | 70.6 | 64 | 2.27 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Stony Hill Reformatory | 1,400 | 68.4 | 90 | 66.6 | 77 | 3.61 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hill Gardens | 4,907 | 58.6 | 87 | 62.0 | 88 | 12.25 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

*And on other days.

## RAINFALL FOR NOVEMBER, 1900.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced in the Comparative Table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-Division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North Eastern and West Central Divisions are the remaining parts of the Island, bounded by the sea and the other Divisions. Their relative areas are as follows:-

| | | | |
|---|---|---|---|
| North Eastern Division | – | – | 25 |
| Northern and Central | – | – | 22 |
| West Central | – | – | 26 |
| Southern | – | – | 27 |
| | | | 100 |

| NORTH-EASTERN DIVISION. | NOVEMBER, 1900. Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In | | | In. |
| Hordley | 7.43 | 1.90 | 9 | 16 | 10.66 |
| Manchioneal | 9.61 | 2.78 | 9 | 7 | 13.24 |
| Fair Prospect | 11.93 | 3.50 | 8 | 13 | ... |
| Bath | 5.32 | 0.80 | 20 | 16 | 13.51 |
| Moore Town | 21.16 | 2.88 | 24 | 17 | ... |
| Port Antonio | 9.11 | 1.55 | 24 | 22 | 14.63 |
| Fellowship | 17.97 | 2.48 | 28 | 22 | 26.76 |
| Johnson River Bridge | 1.62 | 0.95 | 19 | 5 | ... |
| Shrewsbury | 27.03 | 7.60 | 28 | 13 | ... |
| Cedar Valley, St. Thos | 4.57 | 1.80 | 20 | 9 | 9.23 |
| Hill Gardens | 12.25 | 5.25 | 19 | 16 | 12.41 |
| Resource | 9.62 | ... | ... | ... | ... |
| Buff Bay | 14.55 | 2.30 | 29 | 17 | 14.64 |
| Mt. Holstein † | 19.00 | 5.17 | 20 | 18 | ... |
| Hardware Gap | 8.05 | 4.50 | 20 | 4 | 10.36 |
| Annotto Bay | 15.37 | 4.50 | 9 | 14 | 10.69 |
| Stony Hill Reft. | 3.61 | 1.90 | 19 | 9 | 6.72 |
| Castleton Gardens | 11.77 | 5.06 | 19 | 17 | 11.77 |
| Lawrence Tavern | 5.32 | 3.72 | 19 | 3 | 6.93 |
| Carew Castle | 7.88 | 2.10 | 19 | 9 | ... |
| Water Valley* | 19.97 | 8.00 | 9 | 14 | ... |
| Richmond, St. Mary | 11.14 | 3.00 | 19 | 23 | 12.22 |
| Kendal, St. Mary | 7.10 | 4.00 | 21 | 4 | ... |
| Gayle, P.W.D. | 16.27 | 3.00 | 19 | 19 | 12.10 |
| Rio Hoe | 6.66 | 1.78 | 20 | 8 | 8.79 |
| Unity Valley | 5.22 | 1.14 | 20 | 13 | 7.59 |
| Moneague | 5.66 | 1.16 | 19 | 13 | 9 44 |
| Claremont | 10.67 | 1.88 | 19 | 18 | 9.65 |
| Albion | 6.94 | ... | ... | 14 | 9.32 |
| Averham Park | 12.46 | 2.15 | 19 | 18 | 10.27 |
| Ballintoy | 3.87 | 0.82 | 21 | 13 | 0.54 |
| Means | 9.26 | ... | ... | ... | 10.98 |

| NORTHERN DIVISION. | NOVEMBER, 1900. Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Port Maria | 8.99 | 1.25 | 24 | 22 | 9.84 |
| Ocho Rios | 8.55 | 1.90 | 17 | 13 | ... |
| Drax Hall | 9.31 | 1.50 | 9 | 17 | 9.94 |
| St. Ann's Bay | 8.25 | 1.42 | 9 | 22 | 10.60 |
| Richmond Estate | 8.87 | 2.46 | 9 | 19 | 10.13 |
| Llandovery | 8.94 | 2.18 | 9 | 11 | 9.10 |
| Southfield | 12.66 | 2.30 | 10 | 2 | ... |
| Brown's Town | 7.81 | 1.88 | 19 | 14 | 10.36 |
| Hyde Park | 2.93 | 1.36 | 8 | 5 | ... |
| Dry Harbour | 5.43 | 1.60 | 22 | 8 | ... |
| Chewmagna | 4.04 | 1.00 | 25 | 16 | ... |
| Home Castle | 10.90 | 2.00 | 22 | 13 | 7.20 |
| Richmond Pen | 9.02 | 4.00 | 6 | 10 | 4.39 |
| Mahogany Hall | 7.68 | 1.45 | 15 | 10 | 5.99 |
| Brampton Bryan | 7.38 | 1.32 | 19 | 11 | 5.38 |
| Bryan Castle | 4.69 | 1.60 | 22 | 13 | 6.08 |
| Braco | 2.64 | 0.72 | 22 | 14 | 5.99 |
| Arcadia | 4.80 | 1.64 | 22 | 11 | 6.54 |
| Harmony Hall | 4.07 | 0.90 | 22 | 13 | 5.64 |
| Lancaster | 3.00 | 1.18 | 22 | 9 | 6.33 |
| Vale Royal | 4.91 | 1.37 | 22 | 15 | 7.21 |
| Colchis Pen | 2.77 | 0.85 | 7 | 10 | 4.97 |
| Hyde | 4.12 | 0.80 | 29 | 13 | 6.53 |
| Georgia | 4.00 | 1.02 | 22 | 13 | 5.78 |
| Long Pond | 4.65 | 1.12 | 28 | 13 | ... |
| Steelfield | 3.55 | 0.80 | 22 | 11 | 5.96 |
| Oxford | 3.83 | 1.05 | 22 | 7 | 5.70 |
| Cambridge | 3.53 | 0.98 | 28 | 8 | 5.88 |
| Lottery | 3.66 | 0.80 | 19 | 9 | 5.29 |
| Falmouth P.W.D. | 3.68 | 0.76 | 22 | 14 | 5.00 |
| Holland Pen | 3.06 | 0.60 | 19 | 8 | 4.73 |
| Golden Grove, Trel. | 1.85 | 0.60 | 17 | 9 | 5.59 |
| Tilston | ... | ... | ... | ... | 5.46 |
| Orange Valley | 2.13 | 0.55 | 22 | 6 | 5.41 |
| Kent | 2.70 | 0.65 | 23 | ... | 4.98 |
| Dundee | 2.05 | 0.40 | 20 | 7 | 5.68 |
| Phœnix | 2.82 | 0.50 | 21 | 11 | 5.66 |
| Gales Valley | 0.96 | 0.50 | 30 | 4 | 4.79 |
| Canaan | 1.56 | 0.48 | 17 | 5 | 4.21 |
| Lima | 1.70 | 0.80 | 17 | 6 | ... |
| Content | 2.63 | 0.97 | 21 | 11 | 4.25 |
| Guilsbro' | 1.93 | 0.70 | 19 | 8 | 5.91 |
| Leogan | 2.97 | 0.75 | 20 | 12 | 5.96 |
| Success | 1.45 | 0.50 | 21 | 7 | 4.93 |
| Cinnamon Hill | 2.72 | 0.55 | 21 | 8 | 4.76 |
| Rose Hall | 1.95 | 0.45 | 21 | 7 | 4.66 |
| Running Gut | 2.06 | 0.31 | 21 | 12 | 4.55 |
| Spring | ... | ... | ... | ... | 5.16 |
| Ironshore | 2.60 | 0.68 | 21 | 9 | 4.30 |
| Montego Bay | 4.22 | 2.76 | 12 | 8 | 4.11 |
| Fairfield, St. James | 4.50 | 3.35 | 12 | 7 | 4.46 |
| Anchovy | 2.65 | 2.10 | 12 | 3 | 3.55 |
| Round Hill | 2.10 | 1.25 | 12 | 4 | 4.02 |
| Tryall | 3.11 | 1.60 | 12 | 8 | 3.31 |
| Sandy Bay | 7.40 | 2.85 | 13 | 6 | 5.29 |
| Lucea | 7.44 | 5.08 | 13 | 9 | 6.15 |

* Gauge ran over. † The gauge at Avocat has been moved to Mt. Holstein.

| Central Sub-Division | November, 1900. Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Headworks, Rio Cobre | 2.48 | 0.64 | 15 | 9 | 4.30 |
| Linstead | 1.38 | 0.88 | 19 | 6 | 5.59 |
| Point Hill | 3.19 | 0.72 | 20 | 9 | 6.05 |
| Worthy Park | 0.77 | 0.42 | 19 | 3 | 3.67 |
| Kelletts | ... | ... | .. | ... | |
| Chapelton | 3.71 | 1.84 | 12 | 9 | 4.13 |
| Lower Chapelton | 2.79 | 0.96 | 13 | 10 | 3.86 |
| Savoy House | 2.53 | 0.72 | 12 | 11 | ... |
| Mears | ... | ... | ... | ... | ... |
| Cave Valley | 2.41 | 1.33 | 25 | 3 | 4.71 |
| Means | 4.15 | ... | ... | ... | 5.73 |
| **West Central Division.** | | | | | |
| Mocho | ... | ... | ... | ... | ... |
| Baillieston | ... | ... | ... | ... | ... |
| Farm Plantation | 3.22 | 1.18 | 15 | 10 | 5.68 |
| Brokenhurst | 3.52 | ... | ... | ... | 6.57 |
| Christiana | 1.99 | 0.83 | 3 | 9 | 6.28 |
| Kendal, Manchester | 2.20 | 1.20 | 27 | 5 | 6.97 |
| Mandeville P.W.D | 5.14 | 1 54 | 27 | 22 | 6.37 |
| Carlton, Mandeville | 4.66 | 1.87 | 27 | 13 | ... |
| Fairfield, Manchester | 3.57 | 0.88 | 4 | 12 | ... |
| Ulster Spring | 4.26 | 2.14 | 6 | 12 | 5.54 |
| Troy | 1.47 | 0.65 | 9 | 3 | 5.28 |
| Fontabelle, Trelawny | 4.70 | 1.80 | 12 | 10 | 6.02 |
| Windsor Pen, Trel. | 2.79 | 1.30 | 12 | 15 | 5.41 |
| Balaclava | 2.44 | 0.65 | 4 | 8 | 6.11 |
| Elim | 5.23 | 1.13 | 24 | 7 | 9.98 |
| Appleton | 5.76 | 1.24 | 1 | 14 | 5.28 |
| Maggotty | 4.89 | 1.40 | 14 | 11 | 6.38 |
| Spring Vale, St. James | 2.04 | 0.61 | 12 | 10 | 6.08 |
| Maroon Town, St. Jas. | 4.30 | 1.80 | 12 | 7 | 5.71 |
| Kempshot | 1.72 | 0.42 | 12 | 8 | 6.82 |
| Kepp | ... | .. | ... | ... | 6.15 |
| Kew Park | 5 02 | 1.55 | 12 | 8 | 5.49 |
| Hazelymph | 3.72 | 1.52 | 13 | 6 | 4.87 |
| King Gate | 1.95 | 1.83 | 12 | 2 | ... |
| Darliston | 6.57 | 1.12 | 11 | 14 | 7.12 |
| Whithorn | 3.92 | 0.90 | 13 | 10 | 6.83 |
| Galloway | 3.86 | 0.90 | 14 | 10 | ... |
| Lethe Bridge | 4.80 | 2.25 | 12 | 6 | 4.49 |
| Copse | 4.77 | 2.95 | 12 | 5 | 5.23 |
| Cacoon Castle | 4.56 | 2.60 | 12 | 4 | 5.14 |
| Great Valley | 4.65 | 2.15 | 13 | 6 | 5.79 |
| Brownsville | 3.79 | 0.92 | 1 | 10 | ... |
| Morgans Bridge | 6.21 | 2.77 | 13 | 13 | 5.95 |
| King's Valley | 4.10 | 2.00 | 13 | 9 | 5.71 |
| Kings Vale Police St. | 11.11 | 3.64 | 10 | 11 | ... |
| Means | 4.04 | ... | ... | ... | 6.04 |

| Southern Division. | November, 1900. Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Morant Point L .H.... | 7.67 | 2.18 | 10 | 17 | 6.03 |
| Morant Bay | 2.98 | 0.70 | 8 | 8 | 6.57 |
| Easington | 0.93 | 0.23 | 26 | 5 | 6.22 |
| Bull Bay | 1.72 | 0.83 | 4 | 4 | 2.70 |
| Gordon Town | 5.30 | 2.39 | 20 | 8 | 7.04 |
| Hope Gardens | 2.27 | 1.52 | 20 | 10 | 5.67 |
| King's House | 1.75 | 1.35 | 20 | 4 | 3.31 |
| Halfway Tree | 0.78 | 0.47 | 20 | 5 | 3.54 |
| Lunatic Asylum | 0.64 | 0.24 | 8 | 8 | ... |
| Kingston Gardens | 1.58 | 1.03 | 4 | 4 | ... |
| Public Works Office... | 1.66 | 1.30 | 4 | 4 | 2.66 |
| Plumb Point L. H. ... | 1.15 | 0.70 | 8 | 5 | 2.22 |
| Port Royal N. Hospital | 1.64 | 1.01 | 4 | 5 | ... |
| Ferry | 0.98 | 0.30 | 14 | 9 | 3.03 |
| Lawrencefield | 0.90 | 0.60 | 13 | 2 | ... |
| Spanish Town | 5.07 | 4.30 | 4 | 5 | 3.02 |
| Hog Hole Pen | 2.40 | 1.14 | 16 | 9 | 3.68 |
| Browns Hall | ... | ... | ... | ... | ... |
| Bartons | 2.43 | 0.51 | 2 | 8 | ... |
| Old Harbour | 1.74 | 0.50 | 4 | 5 | 4.45 |
| May Pen | 3.32 | 2.06 | 5 | 7 | 3.85 |
| Hermitage, Clarendon | ... | ... | ... | ... | ... |
| Denbigh | 1.90 | 1.25 | 5 | 5 | 4.76 |
| New Yarmouth | 2.23 | 1.80 | 5 | 3 | 1.68 |
| Rest | 1.72 | 0.48 | 15 | 8 | ... |
| Victoria Town | 4.00 | 1.10 | 15 | 6 | 3.21 |
| Stone's Hope | 3.31 | 0.80 | 18 | 8 | 5.38 |
| Newport, Manchester. | 2.77 | 0.83 | 14 | 9 | 7.25 |
| Alligator Pond | 1.56 | 0.61 | 16 | 3 | 3.83 |
| Potsdam | 4.90 | 0.85 | 28 | 12 | 5.77 |
| Long Hill | 5.23 | 1.08 | 4 | 14 | 5.28 |
| Pepper | 3.26 | 1.48 | 4 | 10 | 5.01 |
| Torrington | 7.23 | 1.54 | 29 | 10 | 7.19 |
| Bethlehem, St. Eliz. | 5.48 | 0.95 | 4 | 11 | ... |
| Santa Cruz | 5.42 | 2.25 | 4 | 13 | 5.59 |
| Pedro Plains | 2.90 | 0.66 | 23 | 10 | ... |
| Black River | 5.79 | 2.47 | 4 | 12 | 4.73 |
| Font Hill | 7.00 | 2.80 | 22 | 8 | 6.58 |
| Peter's Ville | 7 18 | 2.56 | 1 | 12 | 8.02 |
| Salem | 4.9 | 1.46 | 16 | 6 | ... |
| Mount Edgecombe | 4.97 | 1.14 | 1 | 11 | 5.27 |
| Sweet River | 2.28 | 0.71 | 13 | 7 | 3.87 |
| Cornwall | 1.50 | 0.80 | 13 | 4 | ... |
| Windsor, Sav.-la.-Mar | 2.28 | 0.87 | 12 | 9 | 3.92 |
| Sav.-la-Mar P.W.D. | 2.17 | 0.54 | 7 | 11 | 3.83 |
| Retreat | 5.54 | 1.06 | 13 | 11 | 5.93 |
| Negril Point L. H. ... | 3.07 | 1.19 | 14 | 10 | ... |
| Means | 3.43 | ... | ... | ... | 4.74 |

JAN 9 1901 Bureau



# NOTES.

## Comparative Table of Rainfall.

*(Based upon the "Average" Stations only.)*

| | November. | |
|---|---|---|
| | 1900. | Average. |
| | In. | In. |
| North Eastern Division | 9.26 | 10.98 |
| Northern | 4.15 | 5.73 |
| West Central | 4.04 | 6.04 |
| Southern | 3.43 | 4.74 |
| Means | 5.22 | 6.87 |

The Rainfall over the Island was therefore about an inch and a half below the average; and as this followed a great deficiency in the October seasons recorded in the last Weather Report, the continued want of rain was greatly felt in many places.

In November the greatest rain fall was 27.03 recorded at Shrewsbury: the smallest was 0.64 recorded at the Asylum, Kingston.

Earthquakes.—Mr. Thompson reports from the Castleton Gardens two slight shocks at 8.30 a.m., and 8.50 p.m., on the 6th. The latter was also felt at the Asylum, Kingston. There was also another slight shock felt over the east end of the Island on the 14th at about 2.35 p.m.

## The Health of Kingston.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases, compared with the average number.

| | November. | | |
|---|---|---|---|
| | 1900. | Average. 1890 to 1899. | Average. 1880 to 1889. |
| Infantile diseases not otherwise specified | 22 | 15 | 17 |
| Lung disease | 17 | 14 | 15 |
| Fever and Malaria | 12 | 10 | 10 |
| Dysentery and Diarrhœa | 4 | 6 | 4 |
| Various | 22 | 44 | 57 |
| Total | 77 | 89 | 103 |

## Blue Mountain Peak—7,423 feet.

| Day. | Hour. | Temp. | Extreme Temps. since last reading. Max. | Extreme Temps. since last reading. Min. | Total Rain since last reading. |
|---|---|---|---|---|---|
| | | ° | ° | ° | In. |
| Dec. 1 | 11.45 a.m | 64 | 70.9 | 42.8 | 29.09 |

## United States Station, Halfway Tree.

| November, 1900. | 8 A.M. | 8 P.M. |
|---|---|---|
| Bar Pressure | 29.641 | 29.615 |
| Temperature | 76.5 | 76.0 |
| Dew Point | 68.2 | 69.9 |
| Humidity | 76.0 | 81.8 |
| Cloud | 3.9 | 2.8 |

| | |
|---|---|
| | ° |
| Mean Max. Temp. | 87.2 |
| Mean Min. Temp. | 70.5 |
| Mean Range | 16.7 |
| Extreme Temps. | Max. 92 on the 19th; Min. 68 on the 24th |

Mean Wind per diem 124 miles
Max. Wind S.E., 19 miles per hour.

Weather Report No. 260. October, 1900.

| Returns sent up too late for publication in that Report. | Total fall. | Greatest fall in 24 hours. Amount. | Greatest fall in 24 hours. Date. | Days on which 0.01 or more fell. |
|---|---|---|---|---|
| | In. | In. | | |
| Kendal | 1.00 | 0.60 | 14 | 2 |
| Denbigh | 3.01 | 1.00 | 15 | 8 |

Corrigenda.—The following are the correct Total falls at Savoy House; Aug. 5.17; Sept. 14.75; Oct. 5.74.

The following are the correct returns for the Lunatic Asylum for Oct.: Total 0.24; greatest 0.11 on the 14th; 4 rainy days.

Maxwell Hall.

Montego Bay,
Dec. 26th, 1900.

It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay.

M. H.

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Weather Bureau

No. 262.

JAMAICA

# WEATHER REPORT

FOR THE MONTH OF

## DECEMBER, 1900.

### METEOROLOGICAL RESULTS.

The Bar-pressures at all the Stations except the Hill Gardens are reduced to the standards of Kew, 32°, gravity at Lat. 45°., and mean sea-level. The pressure at the Hill Gardens is reduced to the first three standards only. The Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus: the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus

| Station. | Elevation. | Bar. Pressure. | | Temperature. | | | | | Extreme Temperature. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a.m. | 3 p.m. | 7 a.m. | 3 p.m. | Max. | Min. | Range. | Max. | Date. | Min. | Date. | Range. |
| | ft. | in. | in. | ° | ° | ° | ° | ° | ° | | ° | | ° |
| Morant Point Light House | 8 | 29.959 | 29.916 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Negril Point Light House | 33 | 29.970 | 29.911 | 75.4 | 83.4 | 86.8 | 71.5 | 15.3 | 90 | 9 | 67 | 22* | 23 |
| King's House | 400 | ... | ... | 69.3 | 82.9 | 90.3 | 60.6 | 29.7 | 94 | 16 | 54 | 4* | 40 |
| Castleton Gardens | 496 | ... | ... | 68.7 | 79.6 | 83.7 | 64.1 | 19.6 | 87 | 13 | 57 | 5 | 30 |
| Hope Gardens | 600 | ... | ... | 69.0 | 82.5 | 84.3 | 67.4 | 16.9 | 90 | 10 | 61 | 15* | 29 |
| Stony Hill Reformatory | 1,400 | ... | ... | 70.4 | 79.3 | 83.9 | 62.9 | 21.0 | 87 | 1* | 60 | 5* | 27 |
| Hill Gardens | 4,907 | 25.253 | 25.211 | 59.4 | 65.0 | 68.7 | 57.9 | 10.8 | 72 | 10 | 55 | 28* | 17 |

| Station. | Elevation. | Dew Point and Humidity. | | | | Rainfall. | Wind per diem. | Wind: direction (from) and miles per hour.) | | | | Amount of Cloud. Lower, Middle and Upper. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 a.m. | | 3 p.m. | | | | 7 a.m. | | 3 p.m. | | a.m. | | | 3 p.m. | | |
| | | ° | | ° | | in. | miles | | m. | | m. | L. | M. | U. | L. | M. | U. |
| Morant Point Light House | 8 | ... | ... | ... | ... | 6.67 | ... | var | 1.5 | var | 14.1 | 2.2 | 1.7 | 0.9 | 2.7 | 2.0 | 1.1 |
| Negril Point Light House | 33 | 69.8 | 82 | 71.9 | 68 | 0.77 | 214 | var | 6.8 | var | 11.6 | 0.3 | 2.3 | 2.0 | 0.5 | 5.0 | 1.6 |
| King's House | 400 | 65.9 | 85 | 73.3 | 74 | 3.24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castleton Gardens | 496 | 65.8 | 93 | 72.7 | 77 | 24.96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hope Gardens | 600 | 64.0 | 69 | 69.6 | 84 | 3.86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Stony Hill Reformatory | 1,400 | 66.4 | 88 | 68.9 | 86 | 3.70 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hill Gardens | 4,907 | 55.7 | 87 | 61.7 | 89 | 10.65 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

*And on other days.

## RAINFALL FOR DECEMBER, 1900.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced in the Comparative Table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-Division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North Eastern and West Central Divisions are the remaining parts of the Island, bounded by the sea and the other Divisions. Their relative areas are as follows:

| | |
|---|---|
| North Eastern Division – – | 25 |
| Northern and Central – – | 22 |
| West Central – – | 26 |
| Southern – – – | 27 |
| | 100 |

| NORTH-EASTERN DIVISION. | DECEMBER, 1900. Total Fall. | Greatest fall in 24 hours: Amount. | Greatest fall in 24 hours: Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In | | | In. |
| Hordley | 10.80 | 5.05 | 18 | 15 | 8.97 |
| Manchioneal | 3.69 | 0.90 | 25 | 7 | 9.51 |
| Fair Prospect | 5.42 | 1.10 | ... | 14 | ... |
| Bath | 8.21 | 2.75 | 18 | 20 | 8.96 |
| Moore Town | 34.43 | 11.50 | 18 | 19 | ... |
| Port Antonio | 9.04 | 1.55 | 24 | 17 | 18.91 |
| Fellowship | 18.95 | 3.00 | 19 | 24 | 18.42 |
| Johnson River Bridge | 4.48 | 2.35 | 19 | 9 | ... |
| Shrewsbury | 21.96 | 4.91 | 18 | 17 | ... |
| Cedar Valley, St. Thos | 8.0 | 3.50 | 18 | 9 | 5.62 |
| Hill Gardens | 10.65 | 6.30 | 18 | 18 | 11.17 |
| Resource | ... | ... | ... | ... | ... |
| Buff Bay | 12.09 | 2.65 | ... | 22 | 13.68 |
| Mt. Holstein* | 17.68 | 5.31 | 18 | 19 | ... |
| Hardware Gap | 7.30 | 3.18 | 18 | 3 | 7.38 |
| Annotto Bay | 12.62 | 4.00 | 18 | 12 | 10.50 |
| Stony Hill Refl. | 3.70 | 2.40 | 18 | 10 | 4.31 |
| Castleton Gardens | 24.96 | 9.10 | 18 | 21 | 12.43 |
| Lawrence Tavern | 10.29 | 3.72 | 19 | 6 | 4.06 |
| Quebec | 15.06 | ... | ... | 16 | 9.85 |
| Carew Castle | 7.64 | 2.28 | 18 | 8 | ... |
| Water Valley | ... | ... | ... | ... | ... |
| Richmond, St. Mary | 24.29 | 6.60 | 10 | 24 | 10.08 |
| Kendal, St. Mary | 13.61 | 5.45 | 10 | 6 | ... |
| Gayle, P.W.D. | 21.25 | 7.56 | 18 | 17 | 11.71 |
| Rio Hoe | 11.43 | 4.49 | 18 | 10 | 9.76 |
| Unity Valley | 13.69 | 3.11 | 19 | 16 | 7.88 |
| Moneague | 12.48 | 3.35 | 19 | 13 | 8.06 |
| Claremont | 11.09 | 3.94 | 18 | 16 | 10.48 |
| Albion | 11.39 | 4.50 | 18 | 15 | 8.44 |
| Averham Park | 12.98 | 5.03 | 18 | 14 | 11.29 |
| Ballintoy | 4.73 | 1.65 | 19 | 8 | 5.53 |
| Means | 12.12 | ... | ... | ... | 9.65 |

| NORTHERN DIVISION. | DECEMBER, 1900. Total Fall. | Greatest fall in 24 hours: Amount. | Greatest fall in 24 hours: Date. | Days on which 0.01 or more fell. | Average. |
|---|---|---|---|---|---|
| | In. | In. | | | In. |
| Port Maria | 15.12 | 4.50 | 17 | 16 | 7.95 |
| Ocho Rios | 12.68 | 4.50 | 17 | 9 | ... |
| Drax Hall | 14.87 | 4.55 | 18 | 13 | 8.43 |
| St. Ann's Bay | 11.17 | 3.21 | 17 | 17 | 6.98 |
| Richmond Estate | 10.35 | 4.87 | 18 | 14 | 8.95 |
| Llandovery | 13.08 | 7.79 | 18 | 9 | 8.48 |
| Southfield | 18.73 | 7.88 | 18 | 14 | ... |
| Brown's Town | 11.38 | 4.78 | 10 | 12 | 9.76 |
| Hyde Park | 4.78 | 1.30 | 16 | 6 | ... |
| Dry Harbour | 12.19 | 3.60 | 18 | 11 | ... |
| Chewmagna | 3.91 | 1.90 | 19 | 8 | ... |
| Home Castle | 10.97 | 3.90 | 10 | 12 | 7.70 |
| Richmond Pen | 2.20 | 0.93 | 19 | 4 | 5.21 |
| Mahogany Hall | 9.86 | 2.70 | 10 | 10 | 6.15 |
| Brampton Bryan | 8.75 | 2.19 | 18 | 11 | 5.76 |
| Bryan Castle | 10.10 | 2.50 | 18 | 12 | 6.28 |
| Grace | 6.82 | 2.10 | 10 | 10 | 6.09 |
| Arcadia | 9.67 | 3.54 | 10 | 14 | 6.86 |
| Harmony Hall | 9.05 | 2.98 | 10 | 11 | 6.43 |
| Lancaster | 8.74 | 3.05 | 18 | 13 | 6.69 |
| Vale Royal | 8.41 | 2.90 | 10 | 13 | 8.13 |
| Colchis Pen | 4.72 | 1.38 | 19 | 8 | 4.74 |
| Hyde | 7.25 | 1.60 | 19 | 10 | 6.70 |
| Georgia | 7.37 | 3.07 | 10 | 12 | 7.07 |
| Long Pond | 5.85 | 1.95 | 10 | 12 | ... |
| Steelfield | 6.34 | 2.40 | 10 | 10 | 6.75 |
| Oxford | 6.68 | 2.75 | 10 | 10 | 6.97 |
| Cambridge | 6.63 | 2.40 | 10 | 10 | 6.84 |
| Lottery | 6.25 | 2.00 | 10 | 10 | 5.96 |
| Falmouth P.W.D. | 5.87 | 1.66 | 18 | 13 | 5.40 |
| Holland Pen | 3.49 | 2.00 | 10 | 5 | 5.06 |
| Golden Grove, Trel. | 3.75 | 1.50 | 19 | 8 | 5.08 |
| Tilston | ... | ... | ... | ... | 5.47 |
| Orange Valley | 4.35 | 1.55 | 17 | 10 | 6.18 |
| Kent | 3.95 | 1.50 | 10 | ... | 5.38 |
| Dundee | 4.40 | 1.20 | 11 | 8 | 6.00 |
| Phœnix | 2.25 | 1.00 | 14 | 7 | 7.02 |
| Gales Valley | 2.30 | 1.10 | 26 | 4 | 5.54 |
| Canaan | 2.62 | 1.00 | 19 | 5 | 5.27 |
| Lima | 3.15 | 1.10 | 10 | 8 | ... |
| Content | 3.45 | 1.57 | 10 | 8 | 5.48 |
| Guilsbro' | 3.58 | 1.07 | 27 | 10 | 4.62 |
| Logan | 5.48 | 1.95 | 10 | 12 | 6.78 |
| Success | 3.92 | 1.00 | 18 | 9 | 4.26 |
| Cinnamon Hill | 4.42 | 1.15 | 24 | 11 | 5.61 |
| Rose Hall | 5.07 | 1.40 | 12 | 11 | 5.53 |
| Running Gut | 6.15 | 1.41 | 18 | 12 | 5.96 |
| Spring | 4.95 | 1.60 | 10 | 9 | 5.13 |
| Ironshore | 5.44 | 1.20 | 18 | 11 | 5.52 |
| Montego Bay | 2.61 | 1.10 | 10 | 9 | 5.25 |
| Fairfield, St. James | 3.2 | 0.80 | 21 | 8 | 4.64 |
| Anchovy | 4.23 | 2.20 | 24 | 6 | 3.85 |
| Round Hill | 1.15 | 0.50 | 20 | 7 | 3.25 |
| Tryall | 0.68 | 0.23 | 19 | 4 | 3.67 |
| Sandy Bay | 1.99 | 0.66 | 28 | 6 | 3.72 |
| Lucea | 1.38 | 0.95 | 22 | 4 | 4.27 |

* The gauge at Avocat has been moved to Mt. Holstein.

| Central Sub-Division | December, 1900. | | | | | Southern Division. | December, 1900. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. | | Total Fall. | Greatest fall in 24 hours. Amount. | Date. | Days on which 0.01 or more fell. | Average. |
| | In. | In. | | | In. | | In. | In. | | | In. |
| Headworks, Rio Cobre | 0.43 | 0.28 | 18 | 5 | 1.97 | | | | | | |
| Linstead | 3.71 | 1.12 | 18 | 6 | 3.56 | | | | | | |
| Point Hill | 3.86 | 0.70 | 18 | 11 | 4.52 | | | | | | |
| Worthy Park | 2.93 | 1.64 | 19 | 4 | 2.48 | Morant Point L .H. | 6.67 | 2.48 | 19 | 19 | 6.41 |
| Kelletts | 1.75 | 1.30 | 20 | 3 | | Morant Bay | 5.88 | 1.90 | 18 | 9 | 3.86 |
| Chapelton | 4.55 | 1.56 | 26 | 8 | 2.30 | Easington | 3.34 | 0.95 | 29 | 7 | 3.11 |
| Lower Chapelton | 3.05 | 0.80 | 18 | 9 | 2.04 | Bull Bay | 2.66 | 1.90 | 18 | 5 | 1.21 |
| Savoy House | 4.78 | 2.70 | 18 | 11 | ... | Gordon Town | 5.24 | 2.70 | 19 | 4 | 3.32 |
| Mears | 1.43 | 0.40 | 28 | 6 | ... | Hope Gardens | 3.86 | 1.57 | 18 | 11 | 2.64 |
| Cave Valley | 2.79 | 1.15 | 21 | 5 | 2.74 | King's House | 3.24 | 1.15 | 19 | 5 | 1.90 |
| | | | | | | Halfway Tree | 1.58 | 0.67 | 18 | 5 | 2.01 |
| | | | | | | Lunatic Asylum | 1.68 | 1.23 | 18 | 5 | ... |
| Means | 5.78 | ... | ... | ... | 5.62 | Kingston Gardens | 1.77 | 1.77 | 19 | 4 | ... |
| | | | | | | Public Works Office | 1.50 | 1.03 | 18 | 3 | 1.78 |
| | | | | | | Plumb Point L. H. | 1.02 | 0.56 | 18 | 6 | 1.61 |
| | | | | | | Port Royal N. Hospital | 0.90 | 0.25 | 18 | 4 | ... |
| | | | | | | Ferry | 1.59 | 0.68 | 18 | 8 | 2.21 |
| | | | | | | Lawrencefield | 0.42 | 0.22 | 24 | 2 | ... |
| West Central Division. | | | | | | Spanish Town | 0.67 | 0.65 | 18 | 2 | 2.03 |
| | | | | | | Hog Hole Pen | 1.55 | 1.44 | 18 | 2 | 3.01 |
| | | | | | | Browns Hall | ... | ... | ... | ... | ... |
| Mocho | ... | ... | ... | ... | ... | Bartons | ... | ... | ... | ... | ... |
| Baillieston | ... | ... | ... | ... | ... | Old Harbour | 1.63 | 0.70 | 18 | 7 | 2.57 |
| Farm Plantation | 3.15 | 2.06 | 18 | 5 | 3.04 | May Pen | 1.52 | 0.35 | 18 | 8 | 1.90 |
| Brokenhurst | 3.11 | ... | ... | ... | 4.09 | Hermitage, Clarendon | ... | ... | ... | ... | ... |
| Christiana | 1.70 | 1.45 | 18 | 11 | 4.50 | Denbigh | 0.89 | 0.40 | 24 | 4 | 2.09 |
| Kendal, Manchester | 3.16 | 1.03 | 18 | 9 | 2.79 | New Yarmouth | 0.74 | 0.36 | 2 | 3 | 1.89 |
| Mandeville P.W.D | 1.82 | 0.49 | 18 | 11 | 3.45 | Rest | 1.06 | 0.51 | 21 | 8 | ... |
| Carlton, Mandeville | 2.21 | 0.90 | 18 | 10 | ... | Victoria Town | 1.35 | 1.35 | 18 | 1 | 2.57 |
| Fairfield, Manchester | 2.52 | 1.70 | 18 | 6 | ... | Stone's Hope | 3.19 | 1.95 | 18 | 7 | 2.82 |
| Ulster Spring | 2.99 | 1.15 | 18 | 9 | 4.93 | Newport, Manchester | 4.42 | 1.46 | 18 | 10 | 4.14 |
| Troy | 2.61 | 0.83 | 25 | 5 | 4.18 | Alligator Pond | 0.13 | 0.13 | 19 | 1 | 2.76 |
| Fontabelle, Trelawny | 3.95 | ... | ... | ... | 5.72 | Potsdam | 3.47 | 1.62 | 18 | 6 | 2.61 |
| Windsor Pen, Trel. | 3.04 | 1.60 | 19 | 10 | 5.47 | Long Hill | 4.05 | 2.54 | 18 | 10 | 3.35 |
| Balaclava | 3.92 | 2.22 | 18 | 4 | 2.80 | Pepper | 3.47 | 2.80 | 18 | 3 | 2.94 |
| Elim | 4.26 | 3.05 | 18 | 5 | 3.81 | Torrington | ... | ... | ... | ... | 2.71 |
| Appleton | 5.34 | 3.77 | 18 | 12 | 3.18 | Bethlehem, St. Eliz. | 2.23 | 1.45 | 18 | 7 | ... |
| Maggotty | 4.71 | 2.90 | 18 | 6 | 3.07 | Santa Cruz | 5.12 | 3.15 | 18 | 11 | 2.85 |
| Spring Vale, St. James | 3.58 | 0.95 | 19 | 9 | 6.27 | Pedro Plains | 1.08 | 0.70 | 18 | 3 | ... |
| Maroon Town, St. Jas. | 2.90 | 1.10 | 20 | 6 | 4.67 | Black River | 3.23 | 2.08 | 18 | 8 | 2.46 |
| Kempshot | 6.23 | 2.29 | 25 | 9 | 5.11 | Font Hill | 1.70 | 1.10 | 24 | 2 | 2.54 |
| Kepp | 2.80 | 2.80 | 15 | 1 | 2.84 | Peter's Ville | 3.44 | 1.38 | 18 | 8 | 2.56 |
| Kew Park | 2.25 | 1.20 | 20 | 5 | 2.75 | Salem | 3.08 | 1.08 | 18 | 4 | ... |
| Hazelymph | 1.42 | 0.40 | 29 | 6 | 2.48 | Mount Edgecombe | 2.37 | 1.18 | 25 | 10 | 2.48 |
| King Gate | 1.80 | 1.00 | 19 | 3 | ... | Sweet River | 1.26 | 0.75 | 18 | 4 | 2.61 |
| Darliston | 2.28 | 0.91 | 20 | 8 | 3.22 | Cornwall | 0.83 | 0.45 | 24 | 3 | ... |
| Whithorn | 0.84 | 0.45 | 24 | 6 | 2.93 | Windsor, Sav.-la.-Mar | 2.01 | 1.01 | 18 | 6 | 2.36 |
| Galloway | 0.79 | 0.44 | 24 | 4 | ... | Sav.-la-Mar P.W.D. | 1.18 | 0.74 | 18 | 7 | 2.43 |
| Lethe Bridge | 3.32 | 1.45 | 20 | 6 | 3.98 | Retreat | 2.96 | 1.25 | 21 | 6 | 1.88 |
| Copse | ... | ... | ... | ... | 3.74 | Negril Point L. H. | 0.77 | 0.37 | 25 | 5 | ... |
| Cacoon Castle | 1.58 | 0.84 | 19 | 3 | 5.48 | | | | | | |
| Great Valley | 1.97 | 1.00 | 20 | 6 | 5.57 | | | | | | |
| Brownsville | 1.10 | 0.40 | 22 | 4 | ... | | | | | | |
| Morgans Bridge | 1.94 | 0.97 | 24 | 7 | 2.66 | | | | | | |
| King's Valley | 2.35 | 1.50 | 24 | 5 | 3.37 | | | | | | |
| Kings Vale Police St. | 2.33 | 0.70 | 23 | 6 | ... | | | | | | |
| Means | 2.97 | ... | ... | ... | 3.93 | Means | 2.63 | ... | ... | ... | 2.63 |

# NOTES.

COMPARATIVE TABLE OF RAINFALL.

*(Based upon the "Average" Stations only.)*

| | December. | |
|---|---|---|
| | 1900. | Average |
| | In. | In. |
| North Eastern Division . | 12.12 | 9.65 |
| Northern . | 5.78 | 5.62 |
| West Central . | 2.97 | 3.93 |
| Southern . | 2.63 | 2.63 |
| Means . | 5.88 | 5.46 |

The Rainfall for December was therefore nearly the average; the greatest fall, 34.43, occurred at Moore Town, the least, 0.13, occurred at Lawrencefield between Kingston and Spanish Town.

THE RAINFALL OVER THE ISLAND.

*(From about 137 "average" Stations)*

| 1900. | Rainfall Divisions. | | | | The Island. |
|---|---|---|---|---|---|
| | N.E. | N. | W.C. | S. | |
| January . | 8.62 | 5.13 | 4.60 | 2.47 | 5.20 |
| February . | 7.76 | 5.23 | 3.01 | 0.60 | 4.15 |
| March . | 4.52 | 1.95 | 2.13 | 1.10 | 2.42 |
| April . | 6.14 | 3.06 | 8.97 | 4.50 | 5.67 |
| May . | 9.51 | 6.06 | 9.04 | 6.46 | 7.77 |
| June . | 6.41 | 3.40 | 9.11 | 5.71 | 6.16 |
| July . | 10.44 | 3.67 | 9.11 | 5.48 | 7.18 |
| August . | 4.85 | 2.84 | 8.97 | 4.87 | 5.38 |
| September . | 9.40 | 3.83 | 9.07 | 10.19 | 8.12 |
| October . | 7.88 | 5.57 | 8.82 | 3.71 | 6.50 |
| November . | 9.26 | 4.15 | 4.04 | 3.43 | 5.22 |
| December . | 12.12 | 5.78 | 2.97 | 2.63 | 5.88 |
| Total . | 96.91 | 50.67 | 79.84 | 51 15 | 69.65 |

THE HEALTH OF KINGSTON.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases, compared with the average number.

| | December | | |
|---|---|---|---|
| | 1900. | Average. 1890 to 1899. | Average. 1880 to 1889. |
| Infantile diseases not otherwise specified . | 17 | 20 | 16 |
| Lung disease . | 12 | 18 | 16 |
| Fever and Malaria . | 6 | 11 | 10 |
| Dysentery and Diarrhœa . | 2 | 8 | 6 |
| Various . | 30 | 50 | 59 |
| Total . | 67 | 107 | 107 |

BLUE MOUNTAIN PEAK—7,423 feet.

| Day. | Hour. | Temp. | Extreme Temps. since last reading. | | Total Rain since last reading. |
|---|---|---|---|---|---|
| | | | Max. | Min. | |
| | | ° | ° | ° | In. |
| Dec. 31 | 9.30 a.m | 52 | 69.9 | 41.8 | 25.15 |

UNITED STATES STATION, HALFWAY TREE.

| December, 1900. | 8 A.M. | 8 P.M. |
|---|---|---|
| Bar Pressure . | 29.991 | 29.965 |
| Temperature . | 74.5 | 75.4 |
| Dew Point . | 65.9 | 68.6 |
| Humidity . | 75.1 | 79.5 |
| Cloud . | 3.2 | 1.7 |

| | ° |
|---|---|
| Mean Max. Temp. | 86.9 |
| Mean Min. Temp. | 68.7 |
| Mean Range | 18.2 |
| Extreme Temps. | Max. 90 on the 15th |
| | Min. 65 on the 31st |

Mean Wind per diem 128 miles

Max. Wind S.E. 19 miles per hour.

| Weather Report No. 261. Returns sent up too late for publication in that Report. | November, 1900. | | | |
|---|---|---|---|---|
| | Total fall. | Greatest fall in 24 hours. Amount. | Greatest fall in 24 hours. Date. | Days on which 0.01 or more fell. |
| | In. | In. | | |
| Spring . | 2.00 | 0.50 | 29 | 9 |

CORRIGENDUM.—In W. R. No. 257, p 4. in Comparative Table, for nothern 3.76, read 3.67.

MAXWELL HALL.

Montego Bay .
Jan. 28th 1901.

It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay. M. H.