C116 100
P966.0
QC
993
.B46
M48
1913

L64-4F826

N.O.A.A.
U.S. Dept. of Commerce

# Meteorological Observations taken at Pros

Gravity correction + .010 inch.

| Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. | | | AIR TEMPERATURE. | | | | | HUMIDITY. | | | | | | | | | WIND. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Dry. | Dry. | Dry. | | | Dep. of Wet. | | | Vapour Pressure. | | | Percentage. | | | Direction and Force. | | | Miles in 24 Hours |
| | I | II | III | I | II | III | Max. | Min. | I | II | III | I | II | III | I | II | III | I | II | III | |
| | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 p.m. | 8.41 a.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8 a.m. to 8 a.m. |
| 1 | 30.144 | 30.135 | 30.144 | 68.8 | 71.4 | 67.2 | 73.2 | 64.6 | 5.2 | 5.6 | 3.0 | .531 | .560 | .560 | 73.6 | 72.8 | 84.1 | S.W. 3 | S.W. 3 | S.W. 3 | 275 |
| 2 | 30.129 | 30.093 | 30.064 | 67.8 | 70.8 | 65.8 | 71.0 | 65.0 | 0.8 | 1.7 | 0.2 | .652 | .688 | .627 | 95.8 | 91.4 | 98.9 | S.W. 2 | W. 1 | S.W. 1 | 217 |
| 3 | 29.923 | 29.786 | 29.740 | 67.0 | 70.8 | 70.4 | 74.6 | 64.0 | 0.4 | 4.6 | 2.7 | .648 | .583 | .642 | 97.9 | 77.3 | 86.3 | S. 4 | S. 5 | S. 5 | 676 |
| 4 | 29.859 | 30.096 | 30.158 | 67.8 | 70.4 | 62.2 | 71.6 | 62.0 | 6.0 | 7.4 | 4.5 | .472 | .473 | .417 | 69.4 | 64.2 | 74.6 | W. 5 | N.W. 4 | N.W. 3 | 349 |
| 5 | 30.351 | 30.417 | 30.465 | 60.8 | 69.4 | 69.6 | 70.2 | 55.6 | 3.2 | 7.4 | 2.8 | .433 | .457 | .425 | 81.3 | 63.7 | 83.2 | N. 1 | N.E. 3 | N.E. 2 | 205 |
| 6 | 30.530 | 30.461 | 30.493 | 64.6 | 69.8 | 66.2 | 70.6 | 57.6 | 3.8 | 6.0 | 3.4 | .483 | .511 | .527 | 79.2 | 70.3 | 81.8 | E. 3 | S.E. 3 | S.E. 3 | 313 |
| 7 | 30.416 | 30.324 | 30.322 | 67.8 | 70.0 | 64.8 | 72.0 | 63.0 | 6.0 | 5.4 | 2.0 | .472 | .537 | .545 | 69.4 | 73.2 | 89.0 | S. 2 | S. 2 | S. 2 | 164 |
| 8 | 30.230 | 30.154 | 30.148 | 67.8 | 71.2 | 68.6 | 72.8 | 61.2 | 3.2 | 4.6 | 2.0 | .566 | .592 | .626 | 83.3 | 77.4 | 89.6 | S. 2 | S.W. 3 | S.W. 3 | 321 |
| 9 | 30.106 | 30.197 | 30.256 | 68.8 | 68.0 | 58.0 | 73.4 | 67.0 | 2.2 | 1.4 | 1.3 | .623 | .635 | .444 | 88.6 | 92.7 | 91.9 | W. 4 | N.E. 4 | N.E. 4 | 439 |
| 10 | 30.337 | 30.322 | 30.323 | 58.8 | 66.6 | 58.4 | 68.4 | 56.0 | 3.1 | 4.0 | 2.7 | .405 | .514 | .409 | 81.3 | 78.8 | 83.5 | N.E. 3 | E. 3 | N.E. 3 | 231 |
| 11 | 30.239 | 30.298 | 30.286 | 61.6 | 67.2 | 61.8 | 68.2 | 55.0 | 3.0 | 6.8 | 3.2 | .453 | .436 | .450 | 82.7 | 65.3 | 81.6 | E. 2 | E. 3 | E. 2 | 216 |
| 12 | 30.255 | 30.234 | 30.241 | 66.6 | 70.4 | 63.8 | 71.4 | 59.6 | 5.0 | 4.8 | 0.6 | .481 | .567 | .572 | 73.8 | 76.2 | 96.6 | S. 3 | S. 3 | S.W. 1 | 208 |
| 13 | 30.280 | 30.266 | 30.279 | 68.6 | 72.4 | 66.2 | 73.6 | 61.6 | 2.0 | 4.3 | 0.6 | .626 | .629 | .622 | 89.6 | 79.1 | 96.8 | S.W. 2 | S. 2 | S.W. 2 | 172 |
| 14 | 30.202 | 30.094 | 30.083 | 68.0 | 70.4 | 68.0 | 72.2 | 63.4 | 2.4 | 3.3 | 2.4 | .599 | .620 | .599 | 87.5 | 83.4 | 87.4 | S.W. 2 | S.W. 3 | S.W. 3 | 508 |
| 15 | 30.127 | 30.197 | 30.273 | 63.8 | 68.4 | 62.6 | 69.2 | 59.2 | 2.6 | 5.6 | 4.0 | .506 | .497 | .439 | 85.5 | 71.6 | 77.4 | N.E. 6 | N.E. 5 | N.E. 5 | 568 |
| 16 | 30.330 | 30.302 | 30.308 | 62.0 | 65.8 | 62.0 | 68.0 | 58.4 | 5.2 | 5.2 | 2.4 | .393 | .459 | .479 | 70.7 | 72.4 | 86.2 | N.E. 4 | E. 3 | N.E. 2 | 227 |
| 17 | 30.310 | 30.287 | 30.289 | 63.8 | 69.4 | 60.4 | 70.2 | 58.6 | 4.4 | 6.4 | 3.4 | .449 | .490 | .421 | 75.8 | 68.3 | 80.1 | N.E. 2 | S.E. 2 | S.E. 2 | 110 |
| 18 | 30.276 | 30.212 | 30.204 | 63.2 | 67.2 | 63.8 | 68.4 | 58.0 | 3.8 | 6.6 | 5.2 | .457 | .441 | .423 | 78.8 | 66.2 | 71.5 | S. 1 | S. 2 | S. 2 | 166 |
| 19 | 30.156 | 30.145 | 30.149 | 65.6 | 69.2 | 65.0 | 70.0 | 59.8 | 4.0 | 5.4 | 1.0 | .494 | .520 | .583 | 78.5 | 72.9 | 94.4 | S.W. 3 | W. 3 | W. 2 | 169 |
| 20 | 30.225 | 30.217 | 30.218 | 63.8 | 68.2 | 59.6 | 69.2 | 59.8 | 4.2 | 5.4 | 3.7 | .455 | .500 | .588 | 74.9 | 72.5 | 81.3 | N. 3 | N.E. 3 | N.E. 2 | 190 |
| 21 | 30.210 | 30.152 | 30.141 | 62.6 | 66.6 | 62.8 | 67.8 | 57.2 | 4.4 | 4.4 | 3.0 | .427 | .501 | .474 | 75.3 | 76.9 | 83.0 | S. 2 | S. 3 | S.W. 2 | 254 |
| 22 | 30.081 | 30.099 | 30.131 | 67.2 | 68.6 | 63.6 | 69.2 | 60.4 | 2.6 | 2.6 | 1.8 | .574 | .604 | .528 | 86.2 | 86.6 | 89.9 | W. 3 | N. 1 | N.E. 3 | 238 |
| 23 | 30.268 | 30.260 | 30.255 | 62.6 | 66.6 | 61.6 | 67.4 | 57.2 | 4.2 | 6.0 | 3.0 | .433 | .449 | .453 | 76.4 | 68.8 | 82.7 | N.E. 3 | N.E. 3 | N.E. 3 | 239 |
| 24 | 30.228 | 30.177 | 30.159 | 64.4 | 68.8 | 64.6 | 69.6 | 57.6 | 5.6 | 6.4 | 3.8 | .422 | .479 | .483 | 69.8 | 68.0 | 79.2 | S. 3 | S.W. 3 | W. 2 | 275 |
| 25 | 30.034 | 29.963 | 29.927 | 67.8 | 70.6 | 67.6 | 71.8 | 61.6 | 3.2 | 3.3 | 1.0 | .566 | .625 | .640 | 83.3 | 83.5 | 94.7 | W. 3 | W. 4 | S.W. 4 | 409 |
| 26 | 29.901 | 29.941 | 29.985 | 68.8 | 70.8 | 64.2 | 71.8 | 65.8 | 2.2 | 2.1 | 0.6 | .623 | .673 | .580 | 88.6 | 89.4 | 96.6 | W. 4 | W. 3 | N.W. 1 | 257 |
| 27 | 29.931 | 29.863 | 29.857 | 68.6 | 70.6 | 68.2 | 71.8 | 61.6 | 0.9 | 2.3 | 2.0 | .666 | .661 | .617 | 95.2 | 88.4 | 89.5 | S.W. 4 | S.W. 4 | S.W. 4 | 547 |
| 28 | 29.955 | 29.879 | 29.846 | 69.8 | 70.6 | 70.2 | 72.4 | 66.0 | 1.1 | 0.9 | 1.5 | .686 | .716 | .680 | 94.3 | 95.3 | 92.3 | S.W. 4 | S. 4 | S.W. 5 | 533 |
| 29 | 29.945 | 30.023 | 30.071 | 65.8 | 70.4 | 64.6 | 71.6 | 60.8 | 2.0 | 3.5 | 2.8 | .565 | .613 | .515 | 89.1 | 82.5 | 84.6 | S.W. 3 | W. 3 | N.W. 2 | 202 |
| 30 | 30.166 | 30.205 | 30.231 | 59.6 | 63.4 | 62.0 | 65.0 | 57.6 | 1.0 | 3.4 | 2.8 | .479 | .473 | .467 | 94.0 | 81.1 | 84.0 | N.W. 1 | N.E. 2 | N.E. 3 | 175 |
| 31 | 30.246 | 30.179 | 30.139 | 62.6 | 64.8 | 64.6 | 66.2 | 57.8 | 3.0 | 0.4 | 0.0 | .471 | .599 | .609 | 83.0 | 97.8 | 100.0 | E. 3 | E. 3 | S.E. 3 | 312 |
| Sums | 935.390 | 934.978 | 935.185 | 2026.8 | 2138.8 | 1988.4 | 2182.8 | 1872.0 | 100.7 | 137.2 | 73.4 | 16.110 | 17.102 | 16.444 | 2552.8 | 2408.0 | 2692.7 | 90 | 93 | 84 | 9165 |
| Means | 30.174 | 30.161 | 30.167 | 65.4 | 69.0 | 64.1 | 70.4 | 60.4 | 3.2 | 4.4 | 2.4 | .520 | .552 | .530 | 82.3 | 77.7 | 86.9 | 3 | 3 | 3 | 296 |

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers, 8 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

WEATHER.

No. of Days of

| Rain | Snow | Hail. | Thunder storm | Clear Sky. | Overcast. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 16 | | | | | 5 | | 2 | |

WIND.

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | 3 | 20 | 8 | 5 | 17 | 23 | 12 | 5 |

HOURS OF OBSERVATION { I—8.41 a. m. local time. II—3.0 p. m. III—8.41 p. m.

# National Oceanic and Atmospheric Administration

## Climate Database Modernization Program

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LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

METEOROLOGICAL OBSERVATIONS TAKEN AT PROSPECT, BERMUDA.

In the line above the table for "gravity correction + '010 inch" read "index error + '010 inch".

From January 1911 to September 1911 corrections have been applied to the readings of the barometer for temperature, height above M.S.L., and index error, but not for gravity.

From October 1911 corrections have been applied for temperature and index error only.

MAY 19 1913
Weather Bureau

# pect, at Bermuda, during January 1913.

Latitude 32° 17′ 40 North.
Longitude 64° 45′ 39″ West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacuo. | Minimum on Grass. | REMARKS. | |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 7 | 7 | 3 | c. k. | k. | k. | S. W. | S. W. | S. W. | C | C | C | C | C | C | | | 139.8 | 57.8 | Fine day. | 1 |
| 8 | 8 | 10 | k. s. | k. n. | k.n. | S. W. | S. W. | S. W. | O | O | R | C. O. | O | O. R | .12 | 1½ | 101.2 | 59.0 | Ground mist early a.m. Dull | 2 |
| 8 | 3 | 6 | k. s. n. | k. | k. | S. | S. | S. | O | C | C | R. O. | O. C. | C | .08 | ¾ | 143.4 | 58.8 | Windy day [day. | 3 |
| 9 | 4 | 3 | k. | k. | k. | S. W. | N. W. | N. W. | O | C | C | C.O.R.O. | O. C. | C | .56 | 1½ | 122.6 | 60.0 | Fine day. | 4 |
| 5 | 4 | – | k. | k. | — | N. E. | N. E. | – | C | C | B | C | C | C. B. | | | 133.0 | 42.2 | Fine day. | 5 |
| 6 | 4 | 7 | k. n. | c. k. | k. | E. | S. E. | S. E. | C | C | C | B. C. | C | C | | | 140.4 | 49.2 | Fine day | 6 |
| 3 | 3 | 2 | k. | k. | k. | S. E. | S. | S. | C | C | B | C | C | C. B. | | | 136.6 | 55.0 | Fine day | 7 |
| 3 | 5 | 6 | k. | ck. k. | k. | S. | S. | S. | C | C | C | B. C. | C | C | | | 136.8 | 49.0 | Fine day. | 8 |
| 4 | 10 | 10 | k. s. | n. | n. | W. | N. E. | N. E. | C | R | O | C | C.O.R. | R.O. | .18 | 1½ | 139.2 | 60.6 | Dull day. | 9 |
| 10 | 8 | 4 | n. | k. n. | k. n. | N. E. | E. | N. E. | R | O | C | O.R. | R. O. | O. C | .04 | ¼ | 110.2 | 52.0 | Dull day. | 10 |
| 4 | 3 | 2 | c. k. n. | k. | k. | E. | E. | E. | C | O | B | C.O.R.O.C. | C | C. B. | .08 | ½ | 134.4 | 47.8 | Fine day, | 11 |
| 4 | 8 | 2 | k. | k. n. | k. | S. | S. | S. W. | C | O | B | B. C. | C. O. | O.R.O.C.B. | .06 | ¾ | 135.0 | 50.6 | Dull day. | 12 |
| 4 | 5 | 7 | c. k. s. | k. s. | k. | S. | S. W. | S. | C | C | C | B.C.P.C. | C | C | .02 | ¼ | 143.8 | 53.4 | Fine day. | 13 |
| 6 | 6 | 10 | c. k. | c. k. | n. | S. W. | S. W. | S. W. | C | C | R | C | C | C.O.R. | | | 142.4 | 57.4 | Fine day. | 14 |
| 6 | 8 | 3 | c. k. | k. n. | k. | N. E. | N. E. | N. E. | C | O | C | R.O.C. | C.O. | O.P.C. | .14 | ½ | 136.6 | 55.0 | Mod. gale from 12 m.n. Squally | 15 |
| 7 | 6 | 7 | k. | k. | k. | N. E. | E. | E. | C | C | C | C | C | C | | | 136.4 | 52.4 | Cloudy day. [day. | 16 |
| 7 | 4 | 3 | k. | k. | k. | N. E. | S. E | S. E. | C | C | C | C | C | C | | | 135.4 | 48.0 | Fine day. | 17 |
| 7 | 6 | 8 | k. | k. | k. | S. E. | S. | S | C | C | O | C | C | C.O. | | | 137.6 | 48.0 | Fine day. | 18 |
| 7 | 9 | 10 | c. k. | k. | k. n. | S. W. | N. W. | N. W | C | C | O | O. C. | C. O | O | | | 115.2 | 51.2 | Dull day. | 19 |
| 4 | 5 | – | c. k. | c. k. | — | N. | N. E. | – | C | C | B | O. C. | C | C. B. | | | 141.0 | 52.0 | Fine day. | 20 |
| 6 | 5 | 7 | k. s. | k. | k. | S. E. | S. W. | S. W. | C | C | C | B. C. | C | C | | | 135.8 | 47.8 | Fine day. | 21 |
| 7 | 7 | 5 | c. k. s. | k. n. | k. | S. W. | N. | N. E. | C | C | C | C | C | C.O.R.O.C. | .20 | ¾ | 111.6 | 53.0 | Cloudy day. | 22 |
| 3 | 6 | 7 | k. | k. | c. k. | N. E. | N. E. | N. E. | C | C | C | C.O.R.O.C. | C | C | .06 | ½ | 137.6 | 50.0 | Fine day. | 23 |
| 9 | 4 | 4 | k. | c. k. | k. | S. W. | S. W. | S. W. | O | C | C | C. O. | O.C. | C | | | 138.8 | 48.0 | Fine day. | 24 |
| 3 | 6 | – | k. | k. | — | S. W. | W. | – | C | C | B | C | C | C. B. | | | 136.4 | 53.8 | Fine day. | 25 |
| 10 | 10 | 10 | k. n. | n. | n. | W. | W. | N. W. | O | O | O | B. C. O. | O | O. R. O. | .30 | 1½ | 122.6 | 61.6 | Dull showery day. | 26 |
| 4 | 6 | 4 | c. k. | k. | k. | S. W. | S. W. | S. W. | C | C | C | O. P. C. | C | C | .02 | ¼ | 134.4 | 59.8 | Fine day. | 27 |
| 10 | 9 | 9 | k. n. | k. n. | k. n. | S. W. | S. W. | S. W. | O | O | O | C. O. | O. | O | | | 128.8 | 62.0 | Dull day. | 28 |
| 8 | 8 | 10 | k. s. | k. s. | k. n. | S. W. | N. | N. W. | O | O | O | O. R. O. | O | O.P.O. | .12 | 4½ | 133.6 | 61.8 | Dull day. | 29 |
| 9 | 9 | 8 | k. n. | k. n. | k. | N. W. | N. E. | N. E. | O | O | C | O. R. O. | O | O. P. C. | .20 | 1¼ | 84.2 | 55.2 | Dull day. | 30 |
| 10 | 9 | 10 | k. n. | k. n. | k. n. | E. | E. | S. E. | O | O | O | C. O. | O | O. P. O. | .02 | ¼ | 121.0 | 49.0 | Dull day. | 31 |
| 198 | 195 | 172 | | | | | | | | | | | | | 2.20 | 16½ | 4045.8 | 1661.4 | | Sums |
| 6 | 6 | 6 | | | | | | | | | | | | | .07 | | 130.5 | 53.6 | | Means |

EXTREMES.

| | | | |
|---|---|---|---|
| Highest corrected reading of Barometer | 30,530 | on | 6th at 8-41 a. m. |
| Lowest " " " | 29,740 | on | 8rd at 8.41 p. m. |
| Greatest daily rainfall | .56 inch | on | 4th. |
| Highest temperature in shade | 74.6° | on | 3rd. |
| Lowest " " " | 55.0° | on | 11th. |
| Highest " " sun | 148.8° | on | 13th |
| Lowest " on grass | 42.2° | on | 5th. |

SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus, |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus. |
| s. | Stratus. |
| ks. | Cumulo-stratus. |
| n. | Nimbus. |

C. WARD, Qr. Mr.-Sergt. r. a. m. c., Observer.
R. H. HALL, Lieut. Col. r. a. m. c. S. M. O., Bermuda.

# Meteorological Observations taken at Pros

Gravity correction + .010 inch.

| Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. | | | AIR TEMPERATURE. | | | | | HUMIDITY. | | | | | | | | | WIND. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Dry. | Dry. | Dry. | | | Dep. of Wet. | | | Vapour Pressure. | | | Percentage. | | | Direction and Force. | | | |
| | I | II | III | I | II | III | Max. | Min. | I | II | III | I | II | III | I | II | III | I | II | III | Miles in 24 Hours |
| | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 p.m. | 8.41 a.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8 a.m. to 8 a.m. |
| 1 | 29.994 | 30.043 | 30.051 | 68.0 | 70.6 | 69.0 | 71.8 | 61.0 | 2.4 | 2.5 | 1.9 | .599 | .653 | .638 | 87.4 | 87.4 | 90.1 | S. 4 | S.W. 4 | S.W. 4 | 401 |
| 2 | 30.220 | 30.297 | 30.346 | 64.6 | 67.6 | 61.2 | 70.0 | 59.8 | 3.4 | 4.4 | 2.6 | .496 | .521 | .458 | 81.4 | 77.2 | 84.9 | N. 3 | N.E. 3 | N.E. 3 | 265 |
| 3 | 30.324 | 30.207 | 30.127 | 62.0 | 66.4 | 65.8 | 67.6 | 55.2 | 4.4 | 3.6 | 2.0 | .417 | .524 | .565 | 75.1 | 80.9 | 89.1 | E. 2 | S. 3 | S. 4 | 436 |
| 4 | 29.942 | 29.865 | 29.851 | 67.8 | 69.4 | 69.0 | 70.8 | 60.4 | 1.2 | 1.6 | 1.3 | .637 | .658 | .660 | 93.7 | 91.8 | 93.2 | S.W. 5 | S.W. 4 | S.W. 4 | 378 |
| 5 | 29.814 | 29.814 | 29.849 | 62.6 | 65.0 | 61.8 | 68.6 | 59.8 | 0.0 | 1.0 | 2.8 | .568 | .583 | .463 | 100.0 | 94.4 | 83.9 | N. 2 | N. 3 | N. 3 | 192 |
| 6 | 29.882 | 29.814 | 29.793 | 63.6 | 67.0 | 64.8 | 68.0 | 58.0 | 4.6 | 6.6 | 3.2 | .439 | .438 | .505 | 74.7 | 66.1 | 82.5 | N.W. 1 | S.W. 4 | W. 4 | 358 |
| 7 | 29.954 | 29.959 | 29.972 | 61.8 | 64.4 | 62.2 | 66.2 | 59.4 | 4.2 | 5.6 | 2.6 | .419 | .422 | .476 | 76.1 | 69.8 | 85.1 | N.W. 3 | W. 2 | W. 2 | 214 |
| 8 | 29.925 | 29.801 | 29.719 | 62.6 | 65.6 | 65.4 | 66.4 | 60.2 | 2.8 | 2.0 | 0.8 | .477 | .561 | .599 | 84.1 | 89.1 | 95.7 | S.W. 4 | S.W. 4 | S.W. 4 | 406 |
| 9 | 29.905 | 29.975 | 30.030 | 62.0 | 65.0 | 59.6 | 66.0 | 56.0 | 3.0 | 5.4 | 4.1 | .460 | .439 | .387 | 82.8 | 71.1 | 75.8 | N.W. 5 | N.W. 3 | N.W. 3 | 356 |
| 10 | 29.985 | 29.994 | 30.089 | 62.6 | 64.6 | 57.8 | 65.2 | 55.0 | 4.9 | 3.0 | 3.3 | .412 | .507 | .382 | 72.7 | 83.5 | 79.7 | N.W. 4 | N.W. 5 | N. 4 | 491 |
| 11 | 30.189 | 30.109 | 30.094 | 58.4 | 63.4 | 60.6 | 66.2 | 52.0 | 5.5 | 4.4 | 3.8 | .328 | .442 | .412 | 67.1 | 75.6 | 77.9 | N.E. 2 | N.E. 4 | S. 5 | 486 |
| 12 | 29.896 | 29.855 | 29.866 | 67.8 | 69.2 | 66.6 | 70.8 | 56.6 | 2.2 | 2.2 | 1.2 | .601 | .632 | .610 | 88.4 | 88.6 | 93.5 | S.W. 5 | S.W. 5 | S.W. 5 | 655 |
| 13 | 29.999 | 30.115 | 30.206 | 59.6 | 61.8 | 55.9 | 68.8 | 54.0 | 2.0 | 5.1 | 4.2 | .449 | .393 | .328 | 87.9 | 71.2 | 73.5 | N. 4 | N. 4 | N.E. 3 | 393 |
| 14 | 30.123 | 29.859 | 29.794 | 58.4 | 69.2 | 68.4 | 70.4 | 53.0 | 2.7 | 2.1 | 1.8 | .409 | .636 | .630 | 83.5 | 89.1 | 90.6 | E. 3 | S.E. 4 | S.W. 5 | 569 |
| 15 | 29.875 | 29.879 | 29.904 | 67.8 | 68.8 | 65.6 | 72.0 | 55.0 | 3.2 | 2.6 | 0.2 | .566 | .609 | .623 | 83.3 | 86.6 | 98.9 | W. 3 | W. 3 | S.W. 2 | 341 |
| 16 | 29.744 | 29.741 | 29.746 | 68.0 | 70.4 | 63.8 | 71.4 | 61.8 | 1.4 | 0.7 | 1.2 | .635 | .716 | .551 | 92.7 | 96.4 | 93.2 | S.W. 5 | S.W. 4 | N.W. 3 | 392 |
| 17 | 29.771 | 29.754 | 29.749 | 62.0 | 66.6 | 63.0 | 68.0 | 57.4 | 2.4 | 5.4 | 6.4 | .479 | .469 | .374 | 86.2 | 71.8 | 65.0 | N.W. 3 | N.W. 4 | N.W. 4 | 503 |
| 18 | 29.767 | 29.783 | 29.815 | 61.0 | 63.4 | 57.8 | 66.2 | 54.0 | 5.3 | 6.5 | 5.7 | .375 | .375 | .314 | 69.7 | 64.7 | 65.7 | N.W. 4 | N.W. 5 | N.W. 5 | 695 |
| 19 | 29.883 | 29.893 | 29.921 | 56.5 | 59.0 | 57.0 | 61.4 | 52.4 | 3.8 | 5.7 | 5.7 | .335 | .332 | .303 | 75.8 | 66.4 | 65.2 | N.W. 5 | N.W. 5 | N.W. 4 | 545 |
| 20 | 30.009 | 30.033 | 30.060 | 58.6 | 64.6 | 55.3 | 65.4 | 54.0 | 4.3 | 6.6 | 3.6 | .366 | .395 | .337 | 74.2 | 64.9 | 76.9 | N. 4 | N. 3 | N. 2 | 214 |
| 21 | 30.071 | 30.009 | 29.997 | 60.2 | 64.0 | 61.4 | 65.2 | 53.8 | 4.5 | 5.0 | 3.3 | .384 | .433 | .441 | 73.7 | 72.7 | 80.9 | S.E. 2 | S.E. 3 | S.E. 3 | 253 |
| 22 | 29.915 | 29.854 | 29.848 | 63.6 | 67.4 | 61.8 | 68.6 | 58.8 | 3.8 | 6.4 | 2.4 | .464 | .452 | .475 | 78.9 | 67.3 | 86.1 | E. 3 | E. 3 | E. 3 | 208 |
| 23 | 29.766 | 29.730 | 29.703 | 64.6 | 67.0 | 64.8 | 68.0 | 57.4 | 3.6 | 2.8 | 0.2 | .489 | .563 | .606 | 80.3 | 85.1 | 98.9 | S. 2 | W. 3 | W. 2 | 351 |
| 24 | 29.821 | 29.777 | 29.793 | 62.4 | 66.4 | 62.8 | 67.8 | 59.2 | 3.8 | 5.6 | 4.0 | .443 | .458 | .443 | 78.5 | 70.7 | 77.5 | N. 4 | S. 2 | S. 3 | 356 |
| 25 | 29.517 | 29.611 | 29.646 | 62.6 | 64.6 | 56.8 | 66.6 | 55.0 | 3.0 | 4.4 | 4.7 | .471 | .464 | .327 | 83.0 | 76.1 | 70.9 | N.W. 3 | N.W. 5 | N.W. 6 | 687 |
| 26 | 29.995 | 30.125 | 30.174 | 52.9 | 58.2 | 53.1 | 59.4 | 46.2 | 3.2 | 6.3 | 4.0 | .314 | .304 | .296 | 78.5 | 62.5 | 73.4 | N.W. 5 | N. 5 | N. 3 | 316 |
| 27 | 30.274 | 30.220 | 30.243 | 58.2 | 61.0 | 61.6 | 66.0 | 50.8 | 6.3 | 4.2 | 4.0 | .304 | .406 | .422 | 62.5 | 75.8 | 77.1 | N. 0 | S.W. 3 | S.W. 3 | 348 |
| 28 | 30.154 | 30.157 | 30.195 | 66.0 | 69.0 | 65.6 | 70.2 | 55.8 | 3.0 | 4.4 | 1.8 | .536 | .551 | .568 | 83.8 | 77.7 | 90.2 | S. 4 | W. 4 | S.W. 3 | 401 |
| Sums | 838.714 | 838.273 | 838.521 | 1746.2 | 1839.6 | 1738.5 | 1893.0 | 1572.0 | 94.9 | 116.1 | 82.8 | 12.872 | 13.936 | 13.193 | 2256.0 | 2174.5 | 2315.4 | 94 | 104 | 99 | 1121.0 |
| Means | 29.954 | 29.938 | 29.947 | 62.4 | 65.7 | 62.1 | 67.6 | 56.1 | 3.4 | 4.1 | 3.0 | .460 | .478 | .471 | 80.6 | 77.7 | 82.7 | 3 | 4 | 4 | 400 |

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers, 8 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

WEATHER.

No. of Days of

| Rain | Snow | Hail. | Thunder storm | Clear Sky. | Overcast. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 15 | | | 1 | | 4 | | 2 | |

WIND.

No. of Observations of

| Forces 4.7 | Calm. | N. | N.E. | E. | S. E. | S. | S.W. | W. | N. W. |
|---|---|---|---|---|---|---|---|---|---|
| 43 | | 14 | 5 | 5 | 4 | 8 | 19 | 8 | 21 |

HOURS OF OBSERVATION { I—8.41 a. m. local time. II—3.0 p. m. III—8.41 p. m.

# pect, at Bermuda, during February 1913.

Latitude 32° 17′ 40 North.
Longitude 64° 45′ 39″ West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. Inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacus. | Minimum on Grass. | REMARKS. | Date. |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 6 | 2 | 5 | c. k.s. | k. s. | k. n. | S. | S.W. | S.W. | C | B | C | O. C. | C. B. | B. C. | | | 134.4 | 59.2 | Fine Day. | 1 |
| 6 | 5 | 4 | c. k. s. | k. | k. | N.W. | N.E. | N.E. | C | C | C | C.O.R.O.C. | C. | C. | 1.16 | 3 | 130.0 | 59.0 | Fine Day. | 2 |
| 6 | 6 | 10 | k. | k. | k.n. | E. | S.E. | S. | C | C | O | C. | C. | C. O. | | | 130.8 | 46.8 | Fine Day. | 3 |
| 10 | 9 | 5 | k.n. | k.n. | k. n. | S. | S.W. | S.W. | C | C | C | O. | O. | O. C. | | | 127.4 | 59.2 | Dull Day. | 4 |
| 10 | 10 | 8 | n. | n. | k.n. | N. | N. | N. | O | R | C | C. O. R. | R. | R. O. | 1.08 | 19 | 80.4 | 59.8 | Wet Day. | 5 |
| 5 | 6 | 2 | k. | k. n. | k. | N.W. | S.W. | W. | C | C | B | O. C. | C. | C. B. | | | 134.0 | 47.0 | Fine Day. | 6 |
| 7 | 7 | 2 | k. n. | k. | k. | N.W. | W. | W. | C | C | B | B C O R O C | C. | C. B. | .08 | 1 | 134.8 | 52.4 | Cloudy Day. | 7 |
| 10 | 8 | 10 | k. n. s. | k. n. | n. | S.W. | S.W. | S.W. | O | C | R | B.C.O.R.O. | O. | O. R. | .10 | 2¾ | 92.6 | 51.6 | Dull Day. | 8 |
| 5 | 6 | 8 | k. s. | k. n. | k. n. | N.W. | N.W. | N.W. | C | C | O | R. O. C. | C. | C. P. O. | .92 | 9¾ | 136.2 | 53.8 | Cloudy Day. | 9 |
| 6 | 5 | 5 | c. k. | k. | k. | N.W. | N.W. | N.W. | C | C | C | O. C. | C. | C. P. C. | .02 | ¼ | 137.4 | 47.4 | Fine Day. | 10 |
| 2 | 5 | 9 | c. k. | c. k. | k. n. | N.W. | N.E. | S. | B | C | O | C. B. | B.C. | C. O. | | | 130.6 | 44.0 | Fine Day. | 11 |
| 7 | 6 | 10 | c. k. | c. k. | k. n. | S.W. | S.W. | S.W. | C | C | O | O. C. | C. | C. O. R. O. | .10 | ¾ | 135.0 | 52.0 | Windy Day. | 12 |
| 10 | 10 | 10 | k.n. | k. n. | k. n. | N. | N. | N.E. | O | O | O | O. R. O. | O. | O. | .26 | 4 | 69.0 | 55.0 | Dull Day. | 13 |
| 10 | 10 | 10 | k.n. | k. n. | k. n. | E. | S.E. | S.W. | O | R | O | O. R. | R. | R. O. | .22 | 4½ | 96.8 | 47.0 | Wet Day. | 14 |
| 4 | 7 | 10 | c. k. s. | k. s. | k. n. | W. | W. | S.W. | C | C | O | O. C. | C. | C. P. O. | .02 | ¼ | 139.8 | 52.8 | Fine Day. | 15 |
| 8 | 10 | 5 | c. k. s. | n. | ck. k. | S.W. | S.W. | S.W. | O | R | O | O. | O. R. | R. O. C. | .82 | 2½ | 138.4 | 59.6 | Wet Day. | 16 |
| 10 | 6 | 10 | k. n. | k. s | k. n. | W. | N.W. | N.W. | O | C | O | C. O. R. O. | O. C. | C. P. O. | .08 | ¾ | 139.0 | 52.0 | Dull Day. | 17 |
| 3 | 6 | 7 | k. | k. | k. n. | N.W. | N.W. | N.W. | C | C | C | O. R. O. C. | C. | C. | .10 | 1 | 132.0 | 50.4 | Fine Day. | 18 |
| 8 | 7 | 6 | k. n. | k. | k. s. | N.W. | N.W. | N.W. | O | C | C | C. O. | O. C. | C. | | | 127.2 | 49.0 | Cloudy Day. Mod. Gale 11 | 19 |
| 8 | 3 | — | k. | k. | — | N. | N. | — | O | C | B | C. O. | O. C. | C. B. | | | 137.4 | 43.0 | Fine Day. [p.m. to 1 a.m. | 20 |
| 7 | 8 | 9 | k. s. | k. | k. | S.E. | S.E. | S.E. | C | O | O | B. C. | C. O. | O. | | | 119.6 | 44.0 | Cloudy Day. | 21 |
| 5 | 4 | 2 | k. | k. | k. | E. | E. | E. | C | C | O | O. C. | C. | C. B. | | | 141.0 | 53.0 | Fine Day. | 22 |
| 4 | 8 | 8 | c. k. | c. k. | k. | S.E. | W. | W. | C | O | O | B. C. | C. O. | O. | | | 143.0 | 46.0 | Cloudy Day. | 23 |
| 8 | 6 | 7 | c. k. s. | k. | k. | N. | S. | S. | O | C | C | O. | O. C. | C. | | | 127.4 | 53.4 | Cloudy Day. | 24 |
| 2 | 7 | 5 | k. | k. n. | k. | N.W. | N.W. | N.W. | B | C | C | C O R O C B | B. C. | C.O.R.O.C | .56 | 5¾ | 141.8 | 54.0 | Squally Day. Mod. Gale from | 25 |
| 7 | 6 | 4 | k. n. | k. | k. | N.W. | N. | N. | C | C | C | C.O.R.O.C. | C. | C. | .38 | 4 | 133.4 | 42.4 | Fine Day. [4.3 a.m. to 5.30 | 26 |
| 9 | 7 | 6 | k. | k. | k. | N. | S. | S.W. | O | C | C | C. O | O. C. | C. | | | 138.8 | 40.0 | Fine Day. [a.m. and from 7 | 27 |
| 10 | 6 | 4 | k. | c. k. | k. | S. | S.W. | S.W. | O | C | C | C. O. | O. C. | C. | | | 136.6 | 53.0 | Fine Day. [p.m. to 10 p.m. | 28 |
| 193 | 186 | 181 | | | | | | | | | | | | | 5.90 | 59¾ | 3564.8 | 1426.8 | | Sums |
| 7 | 7 | 6 | | | | | | | | | | | | | .21 | | 127.3 | 51.0 | | Means |

EXTREMES.

| | | |
|---|---|---|
| Highest corrected reading of Barometer | 30.846 | on 2nd at 8-41 p. m. |
| Lowest " " " | 29.517 | on 25th at 8.41 a. m. |
| Greatest daily rainfall | 1.14 inch | on 2nd. |
| Highest temperature in shade | 72.0° | on 15th. |
| Lowest " " " | 46.2° | on 26th. |
| Highest " " sun | 148.0° | on 23rd |
| Lowest " on grass | 40.0° | on 27th. |

SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus. |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus. |
| s. | Stratus. |
| ks. | Cumulo-stratus. |
| n. | Nimbus. |

C. WARD, Qr. Mr.-Sergt. R. A. M. C., Observer.
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O., Bermuda.

# Meteorological Observations taken at Pros

Gravity correction + .010 inch.

| Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. | | | AIR TEMPERATURE. | | | | | HUMIDITY. | | | | | | | | | WIND. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Dry. | Dry. | Dry. | | | Dep. of Wet. | | | Vapour Pressure. | | | Percentage. | | | Direction and Force. | | | |
| | I | II | III | I | II | III | Max. | Min. | I | II | III | I | II | III | I | II | III | I | II | III | Miles in 24 Hours |
| | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 p.m. | 8.41 a.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8 a.m. to 8 a.m. |
| 1 | 30.230 | 30.188 | 30.218 | 67.6 | 68.8 | 65.8 | 71.6 | 63.6 | 1.8 | 1.7 | 6.2 | .612 | .660 | .428 | 90.5 | 91.1 | 67.4 | S.W. 3 | S.W. 3 | S. 3 | 363 |
| 2 | 30.146 | 30.113 | 30.095 | 68.8 | 70.4 | 68.2 | 72.0 | 63.8 | 4.0 | 4.0 | 1.6 | .560 | .595 | .632 | 79.5 | 80.0 | 91.6 | S.W. 4 | S.W. 4 | S.W. 4 | 485 |
| 3 | 30.253 | 30.246 | 30.265 | 62.6 | 67.4 | 61.4 | 70.2 | 59.2 | 4.0 | 6.0 | 2.2 | .439 | .465 | .474 | 77.4 | 69.2 | 87.1 | N. 3 | N.E. 3 | N.E. 3 | 215 |
| 4 | 30.247 | 30.150 | 30.107 | 62.0 | 67.6 | 64.6 | 68.8 | 59.2 | 1.2 | 1.8 | 0.0 | .517 | .612 | .609 | 93.1 | 90.5 | 100.0 | E. 2 | S.E. 3 | S. 2 | 308 |
| 5 | 29.978 | 29.944 | 29.901 | 67.8 | 69.2 | 67.0 | 72.2 | 63.4 | 1.2 | 1.7 | 1.4 | .637 | .651 | .612 | 93.7 | 91.2 | 92.5 | S. 4 | S.W. 4 | S.E. 4 | 508 |
| 6 | 29.905 | 29.897 | 29.911 | 67.8 | 70.0 | 65.8 | 71.4 | 65.0 | 0.5 | 1.5 | 0.4 | .662 | .676 | .621 | 97.3 | 92.3 | 97.8 | S.W. 4 | S.W. 4 | S.W. 4 | 473 |
| 7 | 29.949 | 30.005 | 30.032 | 64.8 | 68.2 | 62.8 | 69.8 | 61.0 | 0.2 | 4.0 | 2.0 | .666 | .547 | .506 | 98.9 | 79.4 | 88.6 | S.W. 2 | N.W. 2 | N. 3 | 309 |
| 8 | 30.220 | 30.310 | 30.348 | 59.8 | 64.6 | 56.9 | 65.4 | 55.0 | 2.9 | 6.2 | 3.0 | .424 | .407 | .377 | 82.8 | 66.8 | 81.2 | N. 3 | N. 3 | N. 2 | 235 |
| 9 | 30.417 | 30.394 | 30.364 | 60.0 | 64.8 | 58.2 | 65.6 | 52.6 | 4.3 | 5.6 | 3.5 | .387 | .429 | .382 | 74.8 | 70.0 | 78.7 | N.E. 2 | E. 3 | E. 3 | 236 |
| 10 | 30.274 | 30.209 | 30.200 | 66.2 | 68.2 | 66.2 | 70.4 | 56.4 | 3.6 | 2.4 | 0.8 | .520 | .590 | .616 | 80.8 | 87.5 | 95.6 | S. 3 | S. 3 | S. 3 | 294 |
| 11 | 30.103 | 30.093 | 30.093 | 68.8 | 70.6 | 67.4 | 72.2 | 63.8 | 2.2 | 2.5 | 1.0 | .623 | .653 | .635 | 88.6 | 87.4 | 94.6 | S. 3 | S. 4 | S. 3 | 403 |
| 12 | 30.065 | 30.099 | 30.136 | 69.6 | 69.8 | 63.6 | 70.8 | 61.0 | 1.7 | 0.7 | 0.0 | .660 | .701 | .588 | 91.3 | 96.4 | 100.0 | S. 4 | W. 2 | S.W. 2 | 223 |
| 13 | 30.220 | 30.202 | 30.202 | 65.6 | 67.0 | 64.0 | 67.6 | 61.0 | 1.0 | 1.0 | 0.0 | .596 | .626 | .596 | 94.5 | 94.6 | 100.0 | E. 2 | E. 3 | E. 3 | 254 |
| 14 | 30.180 | 30.175 | 30.171 | 66.6 | 70.0 | 65.8 | 70.8 | 62.0 | 0.8 | 2.9 | 0.4 | .625 | .625 | .621 | 95.7 | 85.3 | 97.8 | S.E. 2 | S. 3 | S. 2 | 218 |
| 15 | 30.144 | 30.131 | 30.137 | 68.0 | 69.6 | 67.0 | 71.0 | 63.4 | 2.4 | 2.7 | 2.6 | .599 | .621 | .569 | 87.4 | 86.2 | 86.2 | S. 3 | S. 3 | S.E. 3 | 310 |
| 16 | 30.149 | 30.163 | 30.185 | 69.2 | 71.4 | 66.4 | 72.0 | 63.6 | 4.0 | 4.8 | 1.6 | .568 | .590 | .592 | 79.7 | 76.5 | 91.4 | S. 3 | S. 3 | S. 3 | 319 |
| 17 | 30.267 | 30.272 | 30.289 | 70.0 | 72.6 | 66.0 | 73.6 | 64.0 | 2.3 | 4.3 | 0.8 | .647 | .634 | .611 | 88.3 | 79.2 | 95.6 | S. 3 | S.W. 3 | S. 2 | 384 |
| 18 | 30.417 | 30.405 | 30.387 | 60.6 | 63.6 | 60.0 | 66.8 | 56.4 | 2.8 | 3.4 | 0.8 | .443 | .477 | .494 | 83.5 | 81.1 | 95.2 | N.E. 5 | N.E. 4 | N.E. 4 | 495 |
| 19 | 30.362 | 30.332 | 30.325 | 63.6 | 67.2 | 64.2 | 68.8 | 57.0 | 2.8 | 4.2 | 1.6 | .496 | .519 | .546 | 84.4 | 78.1 | 91.1 | E. 4 | E. 4 | S.E. 4 | 387 |
| 20 | 30.296 | 30.285 | 30.260 | 67.0 | 71.2 | 66.2 | 72.0 | 61.4 | 3.2 | 3.9 | 1.6 | .549 | .617 | .588 | 83.0 | 80.8 | 91.3 | S.E. 3 | S. 3 | S. 3 | 282 |
| 21 | 30.347 | 30.336 | 30.354 | 69.2 | 72.6 | 67.0 | 73.2 | 63.0 | 2.6 | 3.9 | 1.4 | .618 | .648 | .612 | 86.7 | 81.0 | 92.5 | S. 3 | S. 3 | S.E. 3 | 255 |
| 22 | 30.335 | 30.291 | 30.282 | 68.8 | 71.2 | 67.2 | 72.2 | 63.8 | 3.2 | 4.6 | 1.8 | .587 | .592 | .603 | 83.6 | 77.4 | 90.4 | S. 3 | S. 3 | S. 2 | 253 |
| 23 | 30.338 | 30.405 | 30.413 | 63.4 | 64.6 | 61.2 | 67.4 | 61.0 | 2.8 | 3.4 | 4.5 | .492 | .496 | .400 | 84.3 | 81.4 | 74.2 | N.E. 5 | N.E. 5 | N.E. 4 | 541 |
| 24 | 30.444 | 30.410 | 30.406 | 64.4 | 70.2 | 64.6 | 70.8 | 58.8 | 3.8 | 4.4 | 2.0 | .479 | .577 | .541 | 79.2 | 78.0 | 88.9 | E. 3 | E. 4 | S. 3 | 319 |
| 25 | 30.422 | 30.411 | 30.425 | 67.8 | 71.0 | 65.4 | 71.4 | 62.0 | 4.2 | 5.0 | 3.8 | .531 | .572 | .498 | 78.3 | 75.4 | 79.5 | S.E. 3 | S. 3 | S. 3 | 287 |
| 26 | 30.373 | 30.341 | 30.333 | 69.6 | 71.4 | 65.8 | 72.4 | 63.0 | 4.8 | 5.4 | 2.6 | .550 | .567 | .545 | 75.9 | 73.7 | 85.9 | S. 3 | S. 3 | S. 3 | 272 |
| 27 | 30.278 | 30.191 | 30.165 | 68.8 | 71.4 | 67.8 | 72.8 | 63.6 | 3.2 | 3.5 | 2.0 | .587 | .636 | .609 | 83.6 | 82.7 | 89.5 | S. 3 | S. 4 | S. 3 | 395 |
| 28 | 30.123 | 30.126 | 30.133 | 71.6 | 72.8 | 68.6 | 73.8 | 67.4 | 2.9 | 3.1 | 2.0 | .662 | .684 | .626 | 85.6 | 84.9 | 89.6 | S. 4 | S.W. 4 | S.W. 3 | 331 |
| 29 | 30.162 | 30.151 | 30.153 | 63.6 | 68.4 | 62.6 | 70.2 | 60.6 | 1.4 | 3.4 | 2.2 | .541 | .572 | .496 | 92.0 | 82.4 | 87.4 | N.W. 3 | N.W. 3 | N.E. 5 | 383 |
| 30 | 30.213 | 30.181 | 30.173 | 64.8 | 67.8 | 65.0 | 68.4 | 57.8 | 3.8 | 2.6 | 1.6 | .487 | .587 | .562 | 79.3 | 86.4 | 91.1 | N.E. 3 | E. 3 | S.E. 3 | 365 |
| 31 | 29.953 | 29.799 | 29.776 | 68.8 | 68.6 | 61.8 | 69.2 | 60.4 | 1.8 | 0.2 | 0.0 | .638 | .691 | .552 | 90.6 | 98.9 | 100.0 | S. 4 | S. 4 | S.W. 4 | 435 |
| Sums | 936.810 | 936.255 | 936.239 | 2057.2 | 2142.2 | 2004.5 | 2184.8 | 1894.2 | 81.4 | 104.8 | 55.4 | 17.342 | 18.317 | 17.141 | 2744.3 | 2565.6 | 2792.7 | 99 | 103 | 96 | 10537 |
| Means | 30.220 | 30.206 | 30.201 | 66.4 | 69.1 | 64.7 | 70.5 | 61.1 | 2.6 | 3.4 | 1.8 | .559 | .591 | .553 | 88.5 | 82.8 | 90.1 | 3 | 3 | 3 | 340 |

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers. 3 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

**WEATHER.**

No. of Days of

| Rain | Snow | Hail. | Thunder-storm | Clear Sky. | Over'st. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 15 | | | | 4 | 6 | | 2 | |

**WIND.**

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S. E. | S. | S.W. | W. | N. W. |
|---|---|---|---|---|---|---|---|---|---|
| 28 | | 5 | 11 | 11 | 9 | 86 | 15 | 1 | 8 |

HOURS OF OBSERVATION { I—8.41 a. m. local time; II—3.0 p. m. " "; III—8.41 p. m. " "

# pect, at Bermuda, during March 1913.

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39″ West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | RADIATION. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacus. | Minimum on Grass. | REMARKS. | Date. |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 7 | 6 | 3 | c. k. | c. k. | k. | S.W. | S. | S. | C | C | C | C. | C. | C. | | | 141.0 | 59.0 | Fine Day. | 1 |
| 4 | 6 | — | c. k. | c. k. | — | S. | S. W. | — | C | C | B | C. | C. | C. B. | | | 138.8 | 59.0 | Fine Day. | 2 |
| 9 | 8 | 2 | k. s. | c.k. k. | k. | N | N. E. | N.E. | O | O | B | B.C.C.R.O. | O. | O. C. B. | .14 | 1½ | 124.2 | 56.0 | Cloudy Day. | 3 |
| 10 | 8 | 8 | k. n. | k. | k. | E. | S. | S. | O | O | O | B.C.O.R.O. | O. | O. | .04 | ½ | 134.4 | 59.2 | Dull Day. | 4 |
| 9 | 7 | 6 | k. | c.k. k. | k. n. | S. | S. | S. | O | C | C | O. | O. C. | C. | | | 145.4 | 59.8 | Cloudy Day. | 5 |
| 10 | 10 | 10 | n. | k. n. | n. | S. W. | S.W. | S. W. | R | C | R | C. O. R. | R. O. | O. R. | 14. | 3 | 123.0 | 62.0 | Showery Day. | 6 |
| 6 | 5 | 6 | k. | k. | k. n. | S. W. | N. W. | N | C | C | C | R. O. C. | C. | C. | .46 | 6 | 123.8 | 59.2 | Fine Day. | 7 |
| 6 | 5 | 2 | c. k. | c. k. | k. | N.W. | N. | N. | C | C | B | C. | C. | C. B. | | | 129.4 | 50.2 | Fine Day. | 8 |
| 5 | 5 | 2 | k. | c. k. | k. | N. E. | E. | E. | C | C | B | B. C. | C. | C. B. | | | 135.6 | 43.8 | Fine Day. | 9 |
| 2 | 7 | 6 | c. k. | c. k. | k. | S. E. | S.E. | S. | B | C | C | B. | B. C. | C. | | | 139.0 | 48.0 | Fine Day. | 10 |
| 2 | 5 | 2 | c. k. | c. k. | k. | S. | S. | S. | B | C | B | C. B. | B. C. | C. B. | | | 138.6 | 61.0 | Fine Day. | 11 |
| 10 | 10 | 10 | k. n. | n. | n. | S. | W. | S. W. | O | O | R | B. C. O. | O. R. | R. | .86 | 5 | 122.6 | 61.0 | Dull a.m., Wet p.m. | 12 |
| 10 | 10 | 10 | n. | n. | n. | E. | E. | E. | O | O | R | R. O. | O. R. O. | O. R. | .18 | 5 | 115.2 | 59.0 | Dull Day. | 13 |
| 7 | 5 | 4 | k. s. | c. k. | c.k. k. | S. E. | S. | S. | C | C | C | R. O. C. | C. | C. P. C. | .08 | ½ | 147.4 | 59.6 | Fine Day. | 14 |
| 7 | 6 | 7 | c. k. | k. | k. | S. E. | S. | S. | C | C | C | C. | C. | C. | | | 140.6 | 59.6 | Fine Day. | 15 |
| 5 | 5 | 5 | c. ck. k. | c. k. | c. k. s. | S. | S. | S. | C | C | C | C. | C. | C. | | | 139.8 | 59.2 | Fine Day. | 16 |
| 2 | 2 | 1 | c. k. | k. s. | s. | S. | S. W. | S. | B | B | B | C. B. | B. | B. | | | 140.8 | 60.0 | Fine Day. | 17 |
| 10 | 10 | 10 | k. n. | k. n. | n. | N. E | N. E. | N. E. | O | O | R | B.C.O.R.O. | O. | O. R. | .10 | 2½ | 129.6 | 55.4 | Dull Day. | 18 |
| 9 | 5 | 10 | k. n. | c. k. | n. | E. | E. | E. | O | C | R | R. O. | O. C. | C. R. | .08 | 1½ | 132.4 | 55.0 | Dull Day. | 19 |
| 7 | 5 | 3 | c. k. s. | c. k. | k. | S. E. | S. | S. | C | C | C | R. O. C. | C. | C. | .06 | ¾ | 139.2 | 58.0 | Fine Day. | 20 |
| 4 | 3 | 2 | c. k. | c. k. s. | c. k. | S. | S. | S. | C | B | B | C. | C. | C. B. | | | 143.0 | 58.6 | Fine Day. | 21 |
| 2 | 2 | 2 | c. k. | c. k. | k. | S. | S. | S. W. | B | B | B | B. | B. | B. | | | 143.6 | 58.4 | Fine Day. | 22 |
| 10 | 5 | 6 | k. n. | k. | k. n. | N. E. | N. E. | N. E | O | C | C | B.C.O.R.O. | O. C. | C. | .08 | 1 | 145.0 | 55.0 | Cloudy Day (bright intervals | 23 |
| 9 | 3 | — | k. | c. k. | — | E. | S. E. | — | O | C | B | C. O. | O. C. | C. B. | | | 139.2 | 53.0 | Fine Day. ¡Mod. Gale, 9 | 24 |
| 1 | 2 | 2 | k. | k. | k. | S. E. | S. | S. | B | B | B | B. | B. | B. | | | 140.6 | 54.0 | Fine Day. ]a.m. to 12 noon. | 25 |
| 2 | 2 | 2 | c. k. | c. k. | k. | S. | S. | S. | B | B | B | B. | B. | B. | | | 142.8 | 56.0 | Fine Day. | 26 |
| 1 | 9 | 6 | k. | n. | n. | S. | S. | S. | B | O | C | B. | B. C. O. | O. R. O. C. | .16 | ¾ | 146.0 | 56.4 | Fine a.m., Dull p.m. | 27 |
| 2 | 6 | 5 | k. | c. k. | k. | S. | S. | S. | B | C | C | C. B. | B. C. | C. | | | 142.2 | 62.0 | Fine Day. | 28 |
| 9 | 8 | 7 | k. n. | k. n. | n. | N. W. | N. | N. | R | C | O | C. O. R. | R. O. | O. C. | .16 | 2 | 105.8 | 60.0 | Showery Day. | 29 |
| 6 | 5 | 9 | c. k. | c. k. | n. | N. E. | E. | S. E. | C | C | O | C.O.R.O.C. | C. | C. O. | .04 | ½ | 146.2 | 55.6 | Fine Day. | 30 |
| 9 | 10 | 10 | k. s. | n. | n. | S. | S. | S. W. | O | O | R | O. R. O. | O. R. O. | O. R. | .76 | 6 | 129.2 | 60.0 | Wet Day, mod. gale 6 to 7 p.m. | 31 |
| 192 | 185 | 158 | | | | | | | | | | | | | 3.34 | 36½ | 4204.4 | 1773.0 | | Sums |
| 6 | 6 | 5 | | | | | | | | | | | | | .11 | | 135.6 | 57.2 | | Means |

EXTREMES.

| | | |
|---|---|---|
| Highest corrected reading of Barometer | 30.444 | on 24th at 8-41 a.m |
| Lowest " " " | 29 766 | on 31st at 8.41 p. m. |
| Greatest daily rainfall | .86 inch | on 12th. |
| Highest temperature in shade | 73 8° | on 28th. |
| Lowest " " " | 52.6° | on 9th. |
| Highest " " sun | 147.4° | on 14th. |
| Lowest " on grass | 43.8° | on 9th. |

SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus, |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus. |
| s. | Stratus. |
| ks. | Cumulo-stratus. |
| n. | Nimbus. |

C. WARD, Qr. Mr.-Sergt. R. A. M. C., Observer.
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O., Bermuda.

# Meteorological Observations taken at Pros

**Gravity correction + .010 inch.**

| Fog a.m. | Fog p.m. | Sea Disturbance a.m. | Sea Disturbance p.m. | Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | AIR TEMPERATURE. Dry. I 8.41 a.m. | Dry. II 3.0 p.m. | Dry. III 8.41 p.m. | Max. 8.41 p.m. | Min. 8.41 a.m. | HUMIDITY. Dep. of Wet. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Vapour Pressure. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Percentage. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | WIND. Direction and Force. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Miles in 24 Hours 8 a.m. to 8 a.m. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 1 | 29.797 | 29.811 | 29.861 | 68.6 | 71.2 | 65.6 | 72.0 | 60.0 | 3.8 | 4.3 | 1.0 | .563 | .603 | .596 | 80.5 | 78.9 | 94.5 | W. 3 | W. 4 | NW. 3 | 392 |
| 0 | 0 | 3 | 4 | 2 | 30.057 | 30.099 | 30.119 | 62.6 | 67.8 | 63.0 | 68.2 | 60.0 | 5.0 | 6.6 | 5.4 | .409 | .453 | .404 | 72.1 | 66.9 | 70.2 | N.W. 3 | N.W. 4 | N.W. 4 | 396 |
| 0 | 0 | 3 | 4 | 3 | 30.255 | 30.271 | 30.302 | 65.6 | 71.0 | 61.0 | 70.8 | 59.6 | 4.4 | 5.6 | 2.4 | .482 | .551 | .461 | 76.5 | 72.7 | 85.9 | N. 3 | N. 2 | N.E. 2 | 146 |
| 1 | 1 | 3 | 4 | 4 | 30.333 | 30.297 | 30.284 | 65.6 | 67.6 | 62.8 | 68.4 | 58.2 | 4.0 | 4.0 | 1.8 | .494 | .534 | .513 | 78.5 | 79.2 | 89.7 | S.E. 2 | S. 2 | S. 2 | 167 |
| 1 | 2 | 2 | 3 | 5 | 30.210 | 30.131 | 30.099 | 67.0 | 70.8 | 65.8 | 71.4 | 59.8 | 3.6 | 6.0 | 6.4 | .536 | .533 | .422 | 81.0 | 70.7 | 66.4 | S. 3 | S. 3 | S. 3 | 310 |
| 2 | 3 | 3 | 4 | 6 | 29.911 | 29.853 | 29.833 | 69.8 | 71.4 | 67.8 | 72.0 | 61.8 | 2.2 | 4.3 | 3.4 | .623 | .606 | .559 | 88.6 | 78.9 | 82.3 | S. 3 | S.W. 4 | S.W. 3 | 400 |
| 1 | 1 | 5 | 6 | 7 | 29.835 | 29.822 | 29.873 | 62.6 | 62.0 | 60.6 | 68.0 | 56.6 | 5.9 | 4.6 | 3.6 | .382 | .411 | .418 | 67.4 | 74.0 | 79.0 | N.W. 4 | N.W. 4 | N.W. 4 | 501 |
| 1 | 1 | 5 | 4 | 8 | 29.903 | 29.915 | 29.925 | 58.4 | 61.0 | 57.2 | 63.0 | 51.0 | 4.7 | 5.1 | 3.7 | .352 | .380 | .362 | 71.8 | 70.7 | 77.1 | N.W. 4 | N.W. 4 | N.W. 4 | 457 |
| 0 | 0 | 3 | 2 | 9 | 29.959 | 29.970 | 29.988 | 55.5 | 60.0 | 57.6 | 60.6 | 50.0 | 3.8 | 6.7 | 5.9 | .335 | .319 | .305 | 75.8 | 61.5 | 64.4 | N. 4 | N.W. 3 | N.W. 4 | 521 |
| 1 | 1 | 5 | 6 | 10 | 30.039 | 30.120 | 30.155 | 57.8 | 61.0 | 56.5 | 62.6 | 49.8 | 5.1 | 6.9 | 4.4 | .331 | .348 | .331 | 69.1 | 61.2 | 72.6 | N. 5 | N. 4 | N. 5 | 597 |
| 0 | 0 | 3 | 4 | 11 | 30.206 | 30.189 | 30.183 | 57.2 | 61.6 | 57.8 | 62.2 | 50.0 | 3.5 | 5.3 | 3.1 | .359 | .384 | .388 | 78.3 | 70.1 | 80.9 | N.E. 4 | N. 4 | N.E. 3 | 374 |
| 0 | 0 | 3 | 4 | 12 | 30.181 | 30.120 | 30.067 | 60.6 | 64.0 | 60.8 | 68.2 | 53.6 | 3.9 | 3.6 | 3.2 | .408 | .478 | .433 | 77.3 | 80.1 | 81.3 | N.E. 3 | N.E. 3 | N.E. 2 | 208 |
| 0 | 0 | 3 | 4 | 13 | 30.099 | 29.950 | 29.949 | 64.4 | 70.0 | 62.2 | 70.8 | 55.0 | 4.0 | 4.2 | 0.8 | .473 | .579 | .535 | 78.1 | 78.9 | 95.4 | E. 2 | S.E. 2 | E. 1 | 157 |
| 1 | 1 | 3 | 4 | 14 | 29.907 | 29.868 | 29.868 | 66.6 | 69.6 | 65.8 | 70.0 | 58.6 | 1.8 | 3.2 | 0.8 | .590 | .605 | .607 | 90.3 | 83.8 | 95.6 | S. 3 | S. 3 | S.E. 3 | 297 |
| 2 | 3 | 3 | 4 | 15 | 29.850 | 29.804 | 29.792 | 67.0 | 67.6 | 66.6 | 68.2 | 62.0 | 1.2 | 1.4 | 1.0 | .619 | .626 | .617 | 93.6 | 92.6 | 94.6 | S. 3 | S. 3 | S. 3 | 424 |
| 4 | 3 | 5 | 5 | 16 | 29.729 | 29.737 | 29.743 | 62.2 | 67.8 | 65.6 | 68.6 | 57.8 | 0.6 | 4.2 | 6.0 | .540 | .531 | .431 | 96.5 | 78.3 | 68.3 | S. 3 | S. 3 | S. 3 | 352 |
| 2 | 1 | 3 | 4 | 17 | 29.733 | 29.799 | 29.825 | 69.6 | 71.8 | 65.6 | 72.2 | 58.2 | 3.0 | 4.1 | 2.8 | .613 | .623 | .535 | 84.7 | 79.9 | 84.8 | S.W. 4 | S.W. 4 | S.W. 4 | 350 |
| 0 | 0 | 3 | 4 | 18 | 29.983 | 30.033 | 30.057 | 68.8 | 71.0 | 64.8 | 71.6 | 59.8 | 4.8 | 5.4 | 2.2 | .533 | .558 | .538 | 75.6 | 73.6 | 87.9 | W. 2 | W. 2 | W. 0 | 118 |
| 1 | 0 | 3 | 2 | 19 | 30.092 | 30.053 | 30.043 | 67.0 | 70.2 | 61.8 | 70.8 | 58.6 | 4.2 | 5.4 | 2.2 | .515 | .541 | .481 | 78.0 | 73.3 | 87.2 | N.W. 2 | N.W. 2 | N.W. 0 | 108 |
| 0 | 0 | 1 | 2 | 20 | 29.986 | 29.944 | 29.913 | 65.4 | 69.6 | 63.6 | 70.6 | 56.6 | 5.8 | 3.8 | 2.0 | .434 | .585 | .521 | 69.2 | 80.7 | 88.7 | N.W. 1 | S.W. 3 | S.W. 1 | 230 |
| 0 | 0 | 3 | 4 | 21 | 29.933 | 29.939 | 29.944 | 63.6 | 65.6 | 58.8 | 66.2 | 55.2 | 4.4 | 6.0 | 6.1 | .446 | .431 | .318 | 75.7 | 68.3 | 64.0 | N.E. 4 | N. 3 | N.W. 4 | 462 |
| 0 | 0 | 5 | 6 | 22 | 29.970 | 29.967 | 29.990 | 53.9 | 61.6 | 56.5 | 63.0 | 50.6 | 0.8 | 4.9 | 4.0 | .395 | .395 | .342 | 94.6 | 72.2 | 75.0 | N.E. 3 | N.E. 5 | N. 5 | 619 |
| 0 | 0 | 5 | 4 | 23 | 29.987 | 30.009 | 30.035 | 59.8 | 65.4 | 58.0 | 66.0 | 50.6 | 3.7 | 5.8 | 2.3 | .402 | .434 | .414 | 78.1 | 69.2 | 85.8 | N. 4 | N. 3 | N. 1 | 329 |
| 0 | 0 | 3 | 4 | 24 | 30.080 | 30.054 | 30.042 | 64.8 | 67.0 | 64.0 | 67.6 | 53.0 | 5.8 | 5.0 | 4.2 | .423 | .489 | .458 | 68.9 | 74.0 | 76.9 | N. 2 | S. 3 | S. 3 | 297 |
| 1 | 2 | 5 | 5 | 25 | 29.991 | 29.927 | 29.919 | 65.8 | 68.6 | 64.6 | 69.8 | 60.0 | 3.2 | 4.6 | 2.0 | .525 | .535 | .541 | 82.7 | 76.5 | 88.9 | S. 4 | S. 4 | S. 3 | 320 |
| 1 | 1 | 3 | 4 | 26 | 29.896 | 29.886 | 29.888 | 67.0 | 69.4 | 63.2 | 70.0 | 59.0 | 4.0 | 4.0 | 1.6 | .522 | .573 | .526 | 79.0 | 79.7 | 90.9 | W. 3 | S.W. 3 | S.W. 2 | 192 |
| 0 | 1 | 3 | 4 | 27 | 29.857 | 29.843 | 29.873 | 66.0 | 70.6 | 64.8 | 71.6 | 57.6 | 0.4 | 4.2 | 1.2 | .563 | .592 | .571 | 97.7 | 79.1 | 93.3 | S.W. 3 | S.W. 4 | S.W. 2 | 273 |
| 2 | 3 | 3 | 4 | 28 | 29.897 | 29.891 | 29.902 | 69.8 | 71.8 | 67.4 | 72.6 | 60.6 | 3.2 | 2.1 | 0.8 | .610 | .698 | .643 | 83.8 | 89.5 | 95.8 | S.W. 2 | S. 4 | S. 3 | 334 |
| 3 | 4 | 3 | 4 | 29 | 29.823 | 29.799 | 29.772 | 67.8 | 69.0 | 66.0 | 69.8 | 59.0 | 1.2 | 0.5 | 1.0 | .637 | .690 | .604 | 93.7 | 97.4 | 94.5 | S. 4 | S. 4 | S.W. 4 | 409 |
| 2 | 3 | 3 | 4 | 30 | 29.747 | 29.713 | 29.725 | 69.0 | 68.8 | 64.8 | 73.8 | 58.8 | 2.4 | 3.4 | 2.2 | .621 | .581 | .538 | 87.6 | 82.5 | 87.9 | S.W. 3 | S.W. 3 | S.W. 3 | 429 |
| | | | | Sums | 899.246 | 898.814 | 898.969 | 1929.8 | 2024.8 | 1880.6 | 2060.6 | 1701.4 | 104.4 | 135.2 | 87.5 | 14.735 | 15.666 | 14.412 | 2424.7 | 2294.4 | 2499.8 | 93 | 99 | 84 | 10169 |
| | | | | Means | 29.975 | 29.960 | 29.966 | 64.3 | 67.5 | 62.7 | 68.7 | 56.7 | 3.5 | 4.5 | 2.9 | .491 | .522 | .480 | 80.8 | 76.5 | 83.3 | 3 | 3 | 3 | 339 |

**SCALES.**

FOG

0. No Fog
1. Light Fog or mist
2. } Moderate Fog
3. }
4. } Thick Fog
5. }

SEA

0. Calm
1. } Smooth
2. }
3. } Slight to moderate
4. }
5. } Rough to Very Rough
6. }
7. } High to Very High
8. }
9. } Phenomenal

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers, 8 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

**WEATHER.**

No. of Days of

| Rain | Snow | Hail. | Thunder-storm | Clear Sky. | Overcst. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 18 | | | | 1 | 2 | | 2 | |

**WIND.**

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. |
|---|---|---|---|---|---|---|---|---|---|
| 33 | 2 | 13 | 9 | 2 | 3 | 23 | 17 | 5 | 16 |

**HOURS OF OBSERVATION** { I—8.41 a. m. local time; II—3.0 p. m. " "; III—8.41 p. m. " "

# pect, at Bermuda, during April 1913.

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39″ West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacu. | Minimum on Grass. | REMARKS. | |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 2 | 4 | 3 | k. | c.k. | k. | W. | N. W. | N. | B | C | C | R.O.C.B. | B. C. | C. | .30 | 2 | 142.8 | 58.0 | Fine Day. | 1 |
| 3 | 4 | 2 | k. | k. | k. | N.W. | N. W. | N. W. | C | C | B | C. | C. | C. B. | | | 143.2 | 53.6 | Fine Day. | 2 |
| 3 | 5 | 0 | k. | c. k. | — | N. | N. | — | C | C | B | B. C. | C. | C. B. | | | 139.8 | 51 8 | Fine Day. | 3 |
| — | 2 | 1 | — | c. k. | k. | — | S. | S. | B | B | B | B. | B. | B. | | | 134.6 | 46 6 | Fine Day. | 4 |
| 9 | 2 | 3 | k. | k. | k. | S. | S. | S. | C | B | C | B. C. O. | O. C. B. | B. C. | | | 141.4 | 52.0 | Dull a.m., Fine p.m. | 5 |
| 2 | 5 | 9 | c. | k. | k. n. | — | S. W. | S. W. | O | C | O | C. B. | B. C. | C. O. | | | 139.0 | 58.2 | Fine Day. | 6 |
| 3 | 7 | 8 | k. | k. | k. n. | N. W. | N. W. | W. | O | C | O | O.R.O.C. | C. | C. O. | .14 | 1½ | 140.4 | 52.0 | Fine Day. | 7 |
| 4 | 4 | 4 | c. k. | k. | k. | N. W. | N. W. | N.W. | C | C | C | O. P. C. | C. | C. | .02 | ¼ | 140.2 | 47.4 | Fine Day. | 8 |
| 7 | 4 | 7 | k. | k. | k. n. | N. | N. W. | N. W. | C | C | C | C.O.R.O.C. | C. | C. P. C. | .06 | 1 | 140.0 | 46.6 | Fine Day. | 9 |
| 5 | 5 | 6 | c. k. | k. | k. n. | N. W. | N. | N. | C | C | C | C. P. C. | C. | C. | .02 | ½ | 139.2 | 46.0 | Fine Windy Day. Mod. Gale | 10 |
| 10 | 6 | 7 | k. n. | k. | k.n . | N. | N. | N. | O | C | C | C. O. | O. C. | C. | | | 124.8 | 46.0 | Cloudy Day. [3 to 6 a.m. | 11 |
| 9 | 6 | 9 | k. s. | k. | k. | N. | N. | N. | O | C | O | C. O. | O. C. | C. O. | | | 146.2 | 49.8 | Cloudy Day. | 12 |
| 9 | 5 | 2 | c.k. k. | c. k. | c. k. | E. | S. E. | S.E. | C | C | O | O. | O. C. | C. B. | | | 145.4 | 48.8 | Fine Day. | 13 |
| 9 | 5 | 6 | k. | c. k. s. | c.k. | S. | S. | S. E. | C | C | O | B. C. O. | O. C. | C. P. C. | .02 | ¼ | 142.6 | 52.8 | Changeable Day. | 14 |
| 10 | 10 | 10 | c. k. s. | k. | k. | S. | S. | S. | C | O | O | C. O. | O. | O. | | | 93.4 | 60.6 | Dull Day. | 15 |
| 10 | 4 | — | n. | c. k. | — | S. | S. | — | O | B | O | O. R. | R. O. C. | C. B. | .56 | 5 | 135.6 | 56.0 | Dull a.m., Fine p.m. | 16 |
| 1 | 2 | 10 | k. | c. k. | k. n. | S. | S. W. | S. W. | C | C | C | B. | B. | B. C. O. | | | 140.4 | 56.2 | Fine Day. | 17 |
| 3 | 3 | 6 | k. | c. k. | c. k. | W. | W. | W. | C | C | C | O. C. | C. | C. | | | 147.4 | 52.0 | Fine Day. | 18 |
| 6 | 3 | 1 | c. k. | c. k. | c' | N. W. | N. W. | — | C | C | B | C. | C. | C. B. | | | 147.0 | 52.4 | Fine Day. | 19 |
| 1 | 3 | 4 | k. | k. | k. | N. W. | W. | S W. | B | C | C | B. | B. C. | C. | | | 143.2 | 46.0 | Fine Day. | 20 |
| 7 | 6 | 8 | k. | k. | k. n. | N. | N. W. | N. W. | C | C | O | C. P. C. | C. | C. O. | .02 | ¼ | 133.2 | 50.4 | Dine Day. | 21 |
| 10 | 5 | 2 | n. | k. | k. | N. E. | N. | N. | R | C | B | O. R. | R. O. C. | C. B. | .22 | 3½ | 134.2 | 48.0 | Wet a.m., Fine p.m. | 22 |
| 6 | 7 | 9 | k. | k. n. | k. n. | N. | N. | N. | C | C | O | B. C. | C. | C. P. O. | .04 | 1 | 141.8 | 48.0 | Fine Day, local showers, mod. | 23 |
| 2 | 4 | 10 | c. k. | c. k. | k. | N . | S. | S. | B | C | O | O. C. B. | B. C. | C. O. | | | 139.4 | 46.0 | Fine day. ;gale 6 to 6.30 a.m. | 24 |
| 9 | 4 | 3 | k. n. | k. | k. | S. | S. | S. | O | C | C | O. | O. C. | C. P. C. | .02 | ¼ | 143.0 | 57.0 | Fine Day. | 25 |
| 5 | 4 | 2 | c. k. | c. k. | k. | W. | W. | S. W. | C | C | B | C. | C. | C. B. | | | 139.8 | 55.0 | Fine Day. | 26 |
| 7 | 4 | 2 | c. k. s. | c. k. | k. | S. W. | S. W. | S.W. | C | C | B | B. C. | C. | C. B. | | | 137.4 | 51.8 | Fine Day. | 27 |
| 3 | 6 | 3 | c. k. | c. k. | k. | S. W. | S. | S. | C | C | C | B. C. | C. | C. | | | 138.4 | 57.0 | Fine Day. | 28 |
| 10 | 10 | 9 | n. | n. | k. n. s. | S. | S. | S. W. | R | R | O | C. O. R. | R. | R. O. | .50 | 3¾ | 112.0 | 62.0 | Wet Day. | 29 |
| 7 | 6 | 4 | c. k. | c. k. | k. | s. | S. W. | S. W. | C | C | C | O. P. C. | C. | C. | .02 | ¼ | 146.8 | 58.0 | Fine Day. | 30 |
| 172 | 145 | 150 | | | | | | | | | | | | | 1.94 | 19½ | 4132.6 | 1566.0 | | Sums |
| 6 | 5 | 5 | | | | | | | | | | | | | .06 | | 137.8 | 52.2 | | Means |

### EXTREMES.

| | | |
|---|---|---|
| Highest corrected reading of Barometer | 30.338° | on 4th at 8-41 a.m. |
| Lowest " " " | 29.713 | on 30th at 3.0 p. m. |
| Greatest daily rainfall | .56 inch | on 16th. |
| Highest temperature in shade | 73 8° | on 30th |
| Lowest " " " | 49.8° | on 10th. |
| Highest " " sun | 147.4° | on 18th. |
| Lowest " on grass | 46.0° | on 10th., 11th., 20th, and 24th. |

### SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus, |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus. |
| s. | Stratus. |
| ks. | Cumulo-stratus. |
| n. | Nimbus. |

C. WARD, Qr. Mr.-Sergt. R. A. M. C., Observer
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O., Bermuda.

# Meteorological Observations taken at Pros

Gravity correction + .010 inch.

| Fog a.m. | Fog p.m. | Sea Disturbance 8 a.m. | Sea Disturbance p.m. | Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. I | II | III | AIR TEMPERATURE. Dry. I | Dry. II | Dry. III | Max. | Min. | HUMIDITY. Dep. of Wet. I | II | III | Vapour Pressure. I | II | III | Percentage. I | II | III | WIND. Direction and Force. I | II | III | Miles in 24 Hours |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8.0 | 4 0 | 8 0 | 4 0 | | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 p.m. | 8.41 a.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8 a.m. to 8 a.m. |
| 1 | 0 | 5 | 5 | 1 | 29.840 | 29.847 | 29.861 | 64.6 | 65.6 | 60.4 | 66.0 | 58.0 | 6.0 | 5.2 | 4.7 | .413 | .456 | .382 | 67.8 | 72.4 | 72.8 | N.W. 4 | N.W. 3 | N.W. 3 | 467 |
| 0 | 1 | 3 | 3 | 2 | 29.869 | 29.839 | 29.824 | 64.2 | 67.8 | 65.2 | 68.4 | 56.8 | 5.6 | 5.2 | 3.0 | .418 | .498 | .520 | 69.7 | 73.6 | 83.6 | N.W. 4 | N.W. 4 | W. 4 | 428 |
| 1 | 0 | 3 | 3 | 3 | 29.879 | 29.909 | 29.949 | 65.6 | 68.8 | 63.8 | 69.4 | 58.8 | 5.2 | 6.0 | 3.6 | .456 | .492 | .474 | 72.4 | 69.9 | 80.1 | N.W. 4 | N. 4 | N. 4 | 392 |
| 0 | 0 | 3 | 4 | 4 | 30.034 | 30.013 | 30.031 | 67.8 | 70.4 | 64.4 | 71.4 | 59.6 | 5.2 | 5.8 | 4.2 | .498 | .532 | .466 | 73.3 | 71.5 | 77.1 | N. 3 | N. 4 | N. 4 | 426 |
| 1 | 1 | 4 | 4 | 5 | 29.923 | 29.849 | 29.827 | 67.0 | 69.6 | 63.6 | 70.6 | 59.8 | 4.4 | 4.6 | 2.0 | .509 | .556 | .521 | 77.6 | 76 9 | 88.7 | N. 4 | N. 4 | N. 3 | 368 |
| 1 | 1 | 3 | 3 | 6 | 29.740 | 29.693 | 29.681 | 66.4 | 71.4 | 62.8 | 72.0 | 58.6 | 2.8 | 4.6 | 2.0 | .551 | .596 | .506 | 85.0 | 77.5 | 88.6 | N.W. 3 | N.W. 3 | N.W. 3 | 298 |
| 1 | 1 | 3 | 3 | 7 | 29.697 | 29.759 | 29.799 | 71.4 | 71.0 | 65.6 | 71.6 | 59.2 | 4.5 | 4.8 | 1.8 | .600 | .582 | .566 | 78.0 | 76.4 | 90.2 | N.W. 3 | N.W. 3 | N.W. 3 | 329 |
| 1 | 0 | 3 | 3 | 8 | 29.916 | 29.973 | 29.996 | 68.8 | 71.2 | 65.4 | 71.6 | 61.6 | 3.2 | 3.9 | 1.8 | .587 | .617 | .564 | 83.6 | 80.8 | 92.2 | N.W. 2 | N.W. 2 | N.W. 1 | 120 |
| 2 | 2 | 0 | 1 | 9 | 30.052 | 30.023 | 30.026 | 69.0 | 74.6 | 65.6 | 75.4 | 60.0 | 2.1 | 2.7 | 1.0 | .632 | .745 | .596 | 89.1 | 87.1 | 94.5 | N.W. 2 | S. 3 | S. 1 | 123 |
| 3 | 2 | 3 | 2 | 10 | 29.887 | 29.764 | 29.679 | 69.0 | 73.0 | 64.4 | 73.6 | 59.0 | 2.4 | 1.5 | 1.2 | .621 | .751 | .563 | 87.6 | 92.6 | 93.2 | S. 2 | S.W. 4 | S.W. 3 | 370 |
| 1 | 1 | 3 | 3 | 11 | 29.648 | 29.681 | 29.701 | 63.8 | 66.6 | 60.2 | 67.2 | 57.4 | 4.8 | 6.0 | 4.5 | .437 | .449 | .384 | 73.7 | 68.8 | 73.8 | N.W. 5 | N.W. 4 | N.W. 4 | 470 |
| 0 | 0 | 3 | 3 | 12 | 29.811 | 29.853 | 29.883 | 58.6 | 64.4 | 57.6 | 65.6 | 49.4 | 4.1 | 7.2 | 4.9 | .372 | .373 | .333 | 75.4 | 61.7 | 70.1 | N. 3 | N.W. 3 | N.W. 2 | 231 |
| 0 | 0 | 3 | 3 | 13 | 30.013 | 30.034 | 30.057 | 63.4 | 66.6 | 58.8 | 67.4 | 53.0 | 5.6 | 6.0 | 3.1 | .405 | .449 | .403 | 69.3 | 68.8 | 81.3 | N.W. 3 | N.W. 2 | 0 | 126 |
| 0 | 1 | 3 | 3 | 14 | 30.056 | 30.048 | 30.043 | 64.2 | 67.4 | 65.6 | 67.8 | 53.6 | 5.8 | 6.4 | 5.6 | .413 | .452 | .443 | 68.7 | 67.3 | 70.3 | S.W. 3 | S.W. 4 | S.W. 4 | 362 |
| 2 | 2 | 3 | 3 | 15 | 29.995 | 30.000 | 30.031 | 68.6 | 70.8 | 65.8 | 72.0 | 60.8 | 2.0 | 3.1 | 2.2 | .626 | .637 | .558 | 89.6 | 84.4 | 88.1 | W. 3 | N.W. 3 | N. 3 | 228 |
| 1 | 0 | 3 | 0 | 16 | 30.053 | 30.042 | 30.045 | 69.4 | 70.8 | 62.8 | 72.6 | 57.2 | 5.8 | 6.0 | 2.4 | .511 | .533 | .494 | 71.1 | 70.7 | 86.4 | N.E. 2 | N. 2 | S.E. 1 | 156 |
| 1 | 1 | 3 | 3 | 17 | 30.033 | 30.018 | 30.020 | 70.0 | 72.6 | 64.8 | 73.2 | 57.8 | 3.1 | 4.7 | 0.6 | .619 | .620 | .592 | 84.3 | 77.4 | 97.0 | W. 3 | N.W. 3 | W. 2 | 151 |
| 0 | 1 | 3 | 3 | 18 | 30.026 | 30.018 | 30.036 | 68.8 | 73.6 | 66.6 | 73.8 | 59.4 | 3.4 | 5.9 | 1.0 | .581 | .599 | .617 | 82.5 | 72.3 | 94.6 | W. 1 | S. 3 | S.W. 2 | 202 |
| 1 | 1 | 3 | 4 | 19 | 30.028 | 30.000 | 30.017 | 70.8 | 73.4 | 68.0 | 74.6 | 62.4 | 3.1 | 3.3 | 0.7 | .637 | .692 | .660 | 84.4 | 84.1 | 96.3 | S.W. 3 | S.W. 3 | S.W. 2 | 235 |
| 3 | 1 | 3 | 2 | 20 | 30.047 | 30.048 | 30.063 | 71.2 | 75.0 | 68.8 | 76.8 | 63.4 | 2.5 | 3.5 | 0.9 | .667 | .724 | .671 | 87.5 | 83.5 | 95.2 | S.W. 2 | W. 2 | 0 | 157 |
| 0 | 0 | 4 | 3 | 21 | 30.115 | 30.131 | 30.153 | 71.8 | 74.6 | 65.8 | 76.6 | 62.2 | 3.7 | 5.5 | 2.0 | .637 | .636 | .565 | 81.8 | 74.4 | 89.1 | N.E. 3 | E. 3 | S.E. 2 | 205 |
| 0 | 0 | 4 | 3 | 22 | 30.177 | 30.181 | 30.191 | 71.6 | 74.0 | 68.8 | 74.8 | 61.8 | 3.7 | 4.7 | 2.2 | .633 | .653 | .623 | 81.8 | 77.8 | 88.6 | S.E. 3 | S.E. 4 | S. 3 | 262 |
| 1 | 1 | 3 | 3 | 23 | 30.191 | 30.153 | 30.155 | 71.6 | 75.0 | 68.8 | 75.6 | 63.2 | 2.9 | 3.7 | 0.3 | .662 | .717 | .693 | 85.6 | 82.6 | 98.4 | S.E. 3 | S. 3 | S. 3 | 281 |
| 1 | 1 | 4 | 3 | 24 | 30.093 | 30.057 | 30.058 | 72.6 | 76.0 | 70.0 | 76.6 | 64.8 | 2.9 | 3.9 | 1.1 | .687 | .735 | .691 | 85.8 | 81.9 | 94.3 | S. 3 | S. 3 | S. 3 | 341 |
| 1 | 1 | 4 | 4 | 25 | 29.996 | 29.967 | 29.952 | 73.8 | 76.6 | 70.8 | 77.2 | 66.0 | 2.9 | 3.1 | 1.1 | .717 | .784 | .711 | 86.1 | 85.7 | 94.4 | S.W. 3 | S. 4 | S.W. 3 | 414 |
| 1 | 1 | 4 | 4 | 26 | 29.928 | 29.927 | 29.949 | 73.2 | 76.6 | 70.8 | 77.2 | 66.8 | 2.3 | 2.3 | 1.1 | .725 | .816 | .711 | 88.8 | 89.3 | 94.4 | S.W. 3 | S. 3 | S. 3 | 336 |
| 1 | 1 | 3 | 4 | 27 | 29.983 | 29.966 | 29.993 | 71.8 | 73.6 | 70.8 | 74.6 | 66.8 | 1.9 | 2.1 | 0.9 | .705 | .733 | .718 | 90.5 | 89.8 | 95.4 | S. 3 | S. 3 | S. 4 | 396 |
| 3 | 3 | 5 | 5 | 28 | 29.970 | 29.960 | 29.953 | 73.8 | 75.6 | 71.8 | 76.2 | 67.0 | 2.1 | 2.1 | 1.1 | .748 | .797 | .737 | 89.8 | 90.1 | 94.5 | S. 4 | S. 4 | S. 3 | 547 |
| 3 | 3 | 5 | 5 | 29 | 29.807 | 29.767 | 29.805 | 72.0 | 71.8 | 69.8 | 72.2 | 61.8 | 1.5 | 1.5 | 0.9 | .720 | .721 | .694 | 92.5 | 92.5 | 95.3 | S. 5 | S.W. 5 | S.W. 4 | 421 |
| 1 | 1 | 4 | 3 | 30 | 29.941 | 29.931 | 29.943 | 71.2 | 74.0 | 68.2 | 74.6 | 61.8 | 3.5 | 4.3 | 1.6 | .631 | .668 | .632 | 82.6 | 79.6 | 91.6 | S.W. 3 | S.W. 5 | S.W. 2 | 241 |
| 3 | 3 | 4 | 4 | 31 | 29.943 | 29.923 | 29.923 | 73.2 | 75.2 | 71.2 | 75.8 | 63.2 | 3.5 | 3.9 | 0.5 | .678 | .714 | .744 | 83.1 | 81.7 | 97.5 | S.W. 3 | S.W. 4 | S.W. 4 | 443 |
| | | | | Sums | 928.691 | 928.374 | 928.633 | 2139.2 | 2227.6 | 2047.0 | 2252.4 | 1871.2 | 112.5 | 133.5 | 64.0 | 18.096 | 19.327 | 17.832 | 2518.4 | 2443.1 | 2747.6 | 95 | 102 | 83 | 9538 |
| | | | | Means | 29.958 | 29.948 | 29.955 | 69.0 | 71.9 | 66.0 | 72.7 | 60.4 | 3.6 | 4.3 | 2.1 | .584 | .623 | .575 | 81.2 | 78.8 | 88.6 | 3 | 3 | 3 | 308 |

SCALES.

FOG

0. No Fog
1. Light Fog or mist
2. 3. Moderate Fog
4. 5. Thick Fog

SEA

0. Calm
1. 2. Smooth
3. 4. Slight to moderate
5. 6. Rough to Very Rough
7. 8. High to Very High
9. 10. Phenominal

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers, 3 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

WEATHER.

No. of Days of

| Rain | Snow | Hail. | Thunder-storm | Clear Sky. | Overc'st. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 10 | | | 1 | 5 | 1 | | | |

WIND.

No. of Observations of

| Forces 4.7 | Calm. | N. | N.E. | E. | S. E. | S. | S.W. | W. | N. W. |
|---|---|---|---|---|---|---|---|---|---|
| 27 | 2 | 11 | 3 | 1 | 5 | 20 | 21 | 6 | 25 |

HOURS OF OBSERVATION { I—8.41 a. m. local time; II—3.0 p. m. " "; III—8.41 p. m. " "

# pect, at Bermuda, during May 1913.

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39 West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacus. | Minimum on Grass. | REMARKS. | |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 5 | 4 | 1 | k. | k. | k. | N. W. | N.W. | N. | C | C | B | C.O.R.O.C. | C. | C. B. | .04 | ½ | 143.2 | 54.0 | Fine Day. | 1 |
| 7 | 5 | 6 | k. n. | k. | k. n. | N. W. | N. W. | W. | C | C | C | B.C.P.C. | C. | C. | .02 | ¼ | 146.6 | 51.4 | Fine Day. | 2 |
| 2 | 2 | 2 | k. | k. | k. | N. W. | N. | N. | B | B | B | C. B. | B. | B. | | | 140.6 | 54.6 | Fine Day. | 3 |
| 4 | 4 | 4 | k. | k. | k. | N. | N. | N. | C | C | C | B. C. | C. | C. | | | 139.4 | 53.4 | Fine Day. | 4 |
| 5 | 5 | 4 | k. | k. | k. | N. | N. | N. E. | C | C | C | C. | C. | C. | | | 142.6 | 55.4 | Fine Day. | 5 |
| 5 | 5 | 4 | c. k. | c. k. | k. | N. W. | N. W. | N.W. | C | C | C | C.O.R.O.C. | C. | C.P.C. | .06 | 1 | 145.4 | 54.8 | Fine Day. | 6 |
| 5 | 4 | 2 | k. | k. | k. | N. W. | N. W. | N. W. | C | C | C | C. | C. | C. | | | 143.2 | 55.0 | Fine Day. | 7 |
| 5 | 4 | 3 | k. | k. | k. | N. W. | N. W. | W. | C | C | C | C. | C. | C. | | | 140.2 | 58.0 | Fine Day. | 8 |
| 2 | 4 | – | k. | k. | — | N. W. | S. W. | – | B | C | B | C. B. | B. C. | C. B. | | | 144.8 | 52.0 | Fine Day. | 9 |
| 10 | 6 | 10 | k. | k. n. | n. | S. | S. | S. W. | O | C | R | B.C.O. | O. C. | C.O.R. | .08 | 1 | 138.6 | 54.4 | Cloudy Day. | 10 |
| 7 | 6 | 9 | k. n. | c. k. | k. n. | N. W. | N. W. | N. W. | C | C | O | R.O.C. | C. | C. O. | .08 | ¾ | 139.0 | 56.8 | Fine Day. | 11 |
| 5 | 4 | 3 | k. | c. k. | k. | N | N. W. | N. | C | C | C | O.R.O.C. | C. | C. | .14 | 1¾ | 142.0 | 46.0 | Fine Day. | 12 |
| 5 | 3 | 2 | k. | c. k. | k. | N. W. | N. W. | N. | C | C | B | C. | C. | C. B. | | | 138.8 | 44.0 | Fine Day. | 13 |
| 2 | 10 | 10 | c. k. | k. | k. n. | S. W. | W. | S. W. | B | O | O | B. | B.C.O. | O. | | | 136.4 | 40.0 | Fine a.m., Dull p.m. | 14 |
| 10 | 7 | 4 | k. | k. | c. k. | W. | N. W. | N. E. | O | C | C | O. | O. C. | C. | | | 133.8 | 60.2 | Dull a.m., Fine p.m. | 15 |
| 1 | 2 | 1 | k. | k. | k. | N. | N. | S. E. | B | B | B | C. B. | B. | B. | | | 141.2 | 50.0 | Fine Day. | 16 |
| 5 | 5 | 1 | k. | k. s. | c. | W. | N. W. | W. | C | C | B | B. C. | C. | C. B. | | | 143.6 | 48.4 | Fine Day. | 17 |
| 6 | 4 | 4 | c. k. | c. k. | c. k. | W. | S. W. | S. W. | C | C | C | B. C. | C. | C. | | | 146.2 | 50.0 | Fine Day. | 18 |
| 6 | 5 | 1 | c. k. | c. k. | c. s. | S. | S. W. | S. | C | C | B | C. | C. | C. B. | | | 149.6 | 58.0 | Fine Day. | 19 |
| 5 | 4 | 2 | k. n. | k. | k. s. | S. W. | W. | W. | C | C | B | B. C. | C. | C. B. | | | 145.8 | 59.8 | Fine Day. | 20 |
| 7 | – | 2 | k. | — | k. | N. E. | – | E. | C | B | B | B. C. | C. B. | B. | | | 144.4 | 55.0 | Fine Day. | 21 |
| 2 | 2 | – | c. k. | k. | — | S. E. | S. E. | – | B | B | B | B. | B. | B. | | | 140.0 | 54.0 | Fine Day. | 22 |
| 2 | 2 | 2 | k. | k. | k. | S. E. | S. | S. E. | B | B | B | B. | B. | B. | | | 142.0 | 57.8 | Fine Day. | 23 |
| 2 | – | 1 | k. | — | k. | S. | — | S. | B | B | B | B. | B. | B. | | | 143.4 | 61.4 | Fine Day. | 24 |
| 6 | 6 | 4 | c. k. | k. n. | k. n. | S. W. | S. W. | S. W. | C | C | C | B. C. | C. | C. | | | 146.0 | 62.6 | Fine Day. | 25 |
| 7 | 7 | 10 | k. | k. n. | n. | S. | S. W. | S. | C | C | R | C. | C. | C.O.R. | .02 | 2½ | 139.4 | 64.0 | Cloudy Day. | 26 |
| 9 | 8 | 10 | k. s. | k. n. | n. | S. | S. | S. | O | O | R | R. O. | O. | O. R. | .10 | 4½ | 129.2 | 65.0 | Dull Showery Day. | 27 |
| 9 | 7 | 8 | c. k. s. | c. k. | k. n. | S. | S. | S. | O | C | O | R. O. | O. C. | C. O. | .06 | 1 | 146.2 | 65.0 | Cloudy Day. | 28 |
| 9 | 7 | 7 | k. n. s. | k. n. | k. n. | S. | S. W. | S. W | O | O | C | O. R. O. | O.R.O.C. | C. | .72 | 7 | 119.4 | 64.0 | Stormy Day. | 29 |
| 2 | 4 | 3 | k. | c. k. | k. | S. W. | S. W. | S. | B | C | C | C. B. | B. C. | C. | | | 142.4 | 57.8 | Fine Day. | 30 |
| 1 | 6 | 8 | c. | c. k. | k. n. | S. W. | S. W. | S. W. | B | C | O | C. B. | B. C. | C. O. | | | 141.4 | 58.0 | Fine Day. | 31 |
| 158 | 142 | 128 | | | | | | | | | | | | | 1.32 | 20¼ | 4374.8 | 1720.8 | | Sums |
| 5 | 5 | 4 | | | | | | | | | | | | | .04 | | 141.1 | 55.5 | | Means |

## EXTREMES.

| | | | |
|---|---|---|---|
| Highest corrected reading of Bar. | 30.191 | on 22nd, and 23rd at 8.41 p.m. and 8.41 a.m. | |
| Lowest " " " | 29.648 | on 11th at 8.41 a.m. | |
| Greatest daily rainfall | .72 inch | on 29th. | |
| Highest temperature in shade | 77.2° | on 25th and 26th | |
| Lowest " " " | 49.4° | on 12th. | |
| Highest " " sun | 149.6° | on 19th. | |
| Lowest " on grass | 40.0° | on 14th., | |

## SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus. |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus. |
| s. | Stratus. |
| ks. | Cumulo-stratus. |
| n. | Nimbus. |

C. WARD, Qr. Mr.-Sergt. R. A. M. C., Observer;
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O., Bermuda.

# Meteorological Observations taken at Pros

Gravity correction + .010 inch.

| Fog | | Sea Disturbance | | Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. | | | AIR TEMPERATURE. Dry. | | | | | HUMIDITY. Dep. of Wet. | | | Vapour Pressure. | | | Percentage. | | | WIND. Direction and Force. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| a.m. | p.m. | a.m. | p.m. | | I | II | III | I | II | III | Max. | Min. | I | II | III | I | II | III | I | II | III | I | II | III | Miles in 24 Hours |
| 8.0 | 4.0 | 8 0 | 4.0 | | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 p.m. | 8.41 a.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8 a.m. to 8 a.m. |
| 1 | 1 | 3 | 3 | 1 | 29.976 | 29.983 | 29.998 | 73.2 | 75.6 | 71.6 | 76.4 | 67.0 | 1.5 | 2.3 | 0.9 | .755 | .788 | .739 | 92.6 | 89.2 | 95.5 | S. W. 4 | S. W. 3 | S. W. 3 | 319 |
| 1 | 1 | 3 | 3 | 2 | 30.034 | 30.057 | 30.074 | 74.0 | 77.2 | 72.4 | 77.6 | 67.0 | 2.3 | 2.9 | 0.7 | .745 | .808 | .767 | 88.9 | 86.6 | 96.5 | S. W. 3 | S. W. 4 | S. W. 3 | 303 |
| 1 | 0 | 3 | 3 | 3 | 30.111 | 30.107 | 30.115 | 75.2 | 78.0 | 71.8 | 78.8 | 67.4 | 2.5 | 4.3 | 0.7 | .769 | .773 | .752 | 88.1 | 80.6 | 96.5 | S. W. 3 | S. 3 | S. 1 | 194 |
| 0 | 0 | 2 | 2 | 4 | 30.133 | 30.127 | 30.121 | 75.2 | 77.8 | 72.2 | 78.2 | 67.8 | 2.9 | 4.3 | 1.3 | .753 | .767 | .739 | 86.3 | 80.6 | 93.6 | S. 2 | S. 3 | S. 2 | 190 |
| 0 | 0 | 2 | 3 | 5 | 30.133 | 30.127 | 30.139 | 74.8 | 77.8 | 72.2 | 78.8 | 66.4 | 2.9 | 4.7 | 1.1 | .742 | .751 | .747 | 86.2 | 78.8 | 94.5 | S. 3 | S. 3 | S. 1 | 131 |
| 0 | 0 | 1 | 0 | 6 | 30.171 | 30.150 | 30.155 | 76.0 | 79.8 | 72.0 | 80.2 | 67.4 | 5.3 | 6.5 | 3.1 | .680 | .731 | .664 | 75.8 | 72.0 | 84.7 | N. W. 2 | S. E. 2 | S. 1 | 116 |
| 0 | 0 | 2 | 2 | 7 | 30.150 | 30.106 | 30.093 | 76.0 | 80.0 | 72.2 | 80.0 | 65.8 | 4.3 | 6.3 | 2.9 | .718 | .746 | .677 | 80.2 | 72.9 | 85.8 | S. E. 2 | S. E. 2 | S. E. 2 | 158 |
| 0 | 0 | 3 | 3 | 8 | 30.069 | 30.056 | 30.059 | 75.8 | 79.4 | 73.8 | 79.6 | 67.8 | 4.1 | 4.9 | 2.3 | .721 | .787 | .740 | 81.0 | 78.5 | 88.9 | S. 3 | S. 3 | S. W. 2 | 255 |
| 0 | 0 | 4 | 4 | 9 | 30.001 | 29.986 | 29.976 | 75.6 | 79.6 | 74.0 | 80.0 | 67.4 | 2.7 | 4.3 | 1.7 | .772 | .819 | .770 | 87.3 | 81.1 | 91.7 | S. W. 3 | S. W. 4 | S. W. 3 | 353 |
| 0 | 0 | 4 | 4 | 10 | 29.990 | 29.992 | 30.018 | 76.6 | 79.0 | 74.0 | 79.4 | 69.8 | 3.3 | 4.3 | 2.1 | .775 | .801 | .753 | 84.8 | 80.9 | 89.8 | S. W. 3 | S. W. 4 | S. W. 3 | 335 |
| 0 | 0 | 3 | 3 | 11 | 30.062 | 30.045 | 30.033 | 77.2 | 80.4 | 73.8 | 80.8 | 69.2 | 3.7 | 5.1 | 1.9 | .776 | .808 | .756 | 83.1 | 77.9 | 90.8 | W. 3 | W. 3 | W. 2 | 230 |
| 0 | 0 | 4 | 4 | 12 | 30.006 | 29.969 | 29.960 | 77.2 | 80.2 | 74.6 | 80.6 | 68.0 | 4.1 | 4.9 | 2.5 | .754 | .797 | .753 | 81.3 | 78.0 | 86.0 | S. W. 3 | S. W. 4 | S. W. 3 | 391 |
| 0 | 1 | 4 | 4 | 13 | 29.930 | 29.909 | 29.916 | 77.4 | 80.2 | 74.8 | 80.8 | 69.0 | 3.3 | 3.9 | 2.1 | .798 | .853 | .775 | 86.0 | 82.0 | 90.0 | S. 3 | S. W. 4 | S. 4 | 496 |
| 1 | 1 | 5 | 5 | 14 | 29.827 | 29.830 | 29.841 | 77.8 | 79.0 | 74.0 | 79.4 | 67.6 | 4.1 | 3.7 | 2.3 | .776 | .827 | .745 | 82.0 | 82.0 | 90.0 | S. W. 5 | S. W. 4 | S. W. 4 | 442 |
| 0 | 0 | 3 | 3 | 15 | 29.914 | 29.950 | 29.983 | 76.0 | 78.6 | 72.2 | 78.8 | 67.4 | 3.7 | 4.3 | 1.5 | .743 | .789 | .731 | 81.0 | 82.0 | 90.0 | S. W. 3 | S. W. 3 | S. W. 2 | 215 |
| 0 | 0 | 3 | 3 | 16 | 30.065 | 30.054 | 30.063 | 74.8 | 78.8 | 73.2 | 79.2 | 66.2 | 4.9 | 5.5 | 1.5 | .665 | .743 | .756 | 77.0 | 74.0 | 90.0 | S. W. 2 | S. W. 3 | S. W. 3 | 220 |
| 0 | 1 | 3 | 3 | 17 | 30.053 | 30.052 | 30.077 | 75.8 | 78.4 | 73.6 | 78.8 | 68.0 | 3.1 | 3.7 | 1.7 | .762 | .810 | .759 | 86.0 | 82.0 | 90.0 | S. 3 | S. W. 3 | S. W. 3 | 238 |
| 0 | 2 | 3 | 3 | 18 | 30.065 | 30.041 | 30.048 | 74.0 | 77.0 | 70.4 | 77.2 | 66.8 | 2.3 | 0.7 | 0.7 | .745 | .883 | .728 | 90.0 | 95.0 | 95.0 | S. W. 2 | S. 3 | S. W. 2 | 173 |
| 0 | 0 | 3 | 3 | 19 | 30.004 | 29.935 | 29.916 | 76.7 | 76.4 | 72.6 | 79.0 | 64.6 | 2.9 | 1.7 | 0.9 | .814 | .837 | .764 | 86.0 | 91.0 | 95.0 | S. 3 | S. 3 | S. W. 4 | 309 |
| 0 | 0 | 3 | 3 | 20 | 30.021 | 30.012 | 30.026 | 75.2 | 78.8 | 72.0 | 79.0 | 66.8 | 2.9 | 5.5 | 1.3 | .753 | .745 | .734 | 86.0 | 74.0 | 95.0 | N. 3 | N. 2 | Calm | 127 |
| 0 | 0 | 3 | 4 | 21 | 30.039 | 30.018 | 30.019 | 75.8 | 79.0 | 72.8 | 79.2 | 65.8 | 3.7 | 5.1 | 1.9 | .738 | .768 | .731 | 81.0 | 78.0 | 90.0 | W. 2 | S. W. 3 | S. W. 2 | 188 |
| 0 | 0 | 3 | 3 | 22 | 30.020 | 30.012 | 30.034 | 76.6 | 79.6 | 74.6 | 79.8 | 67.8 | 3.3 | 5.5 | 1.9 | .775 | .768 | .778 | 86.0 | 74.0 | 90.0 | S. W. 2 | W. 3 | S. W. 2 | 210 |
| 0 | 0 | 3 | 3 | 23 | 30.080 | 30.054 | 30.062 | 76.2 | 81.0 | 73.8 | 81.2 | 69.4 | 1.5 | 4.0 | 0.9 | .839 | .873 | .796 | 91.0 | 83.0 | 95.0 | S. W. 2 | W. 2 | W. 1 | 154 |
| 0 | 0 | 1 | 4 | 24 | 30.101 | 30.072 | 30.067 | 77.6 | 80.0 | 76.0 | 81.4 | 69.0 | 2.3 | 4.3 | 2.9 | .846 | .830 | .775 | 91.0 | 82.0 | 86.0 | W. 2 | W. 3 | W. 3 | 235 |
| 0 | 0 | 3 | 3 | 25 | 30.071 | 30.042 | 30.033 | 78.2 | 80.4 | 75.4 | 81.0 | 70.4 | 3.5 | 4.5 | 2.9 | .812 | .833 | .759 | 82.0 | 78.0 | 86.0 | S. W. 3 | W. 4 | W. 3 | 304 |
| 1 | 0 | 3 | 3 | 26 | 30.016 | 29.972 | 29.972 | 74.4 | 78.0 | 74.4 | 78.0 | 70.4 | 1.7 | 2.7 | 2.1 | .781 | .841 | .764 | 90.0 | 86.0 | 90.0 | W. 3 | W. 3 | W. 2 | 178 |
| 0 | 0 | 0 | 1 | 27 | 29.971 | 29.934 | 29.928 | 78.6 | 82.0 | 73.6 | 83.0 | 67.8 | 5.3 | 6.7 | 2.9 | .748 | .787 | .712 | 78.0 | 71.0 | 86.0 | N. W. 1 | S. W. 2 | S. W. 2 | 156 |
| 0 | 0 | 3 | 3 | 28 | 29.861 | 29.822 | 29.800 | 78.4 | 80.8 | 75.2 | 81.4 | 69.0 | 5.3 | 4.2 | 2.1 | .743 | .835 | .786 | 78.0 | 78.0 | 90.0 | W. 3 | S. W. 4 | S. W. 4 | 446 |
| 1 | 1 | 5 | 5 | 29 | 29.793 | 29.793 | 29.805 | 78.0 | 78.0 | 72.8 | 80.8 | 67.0 | 3.3 | 1.5 | 0.5 | .815 | .891 | .785 | 86.0 | 91.0 | 95.0 | S. W. 4 | S. W. 4 | W. 3 | 342 |
| 0 | 0 | 3 | 3 | 30 | 29.907 | 29.899 | 29.917 | 71.8 | 77.6 | 69.8 | 77.8 | 65.6 | 5.2 | 6.9 | 4.4 | .583 | .658 | .568 | 76.0 | 69.0 | 80.0 | N. E. 3 | N. E. 3 | E. 2 | 209 |
| | | | | Sums | 900.574 | 900.106 | 900.248 | 2280.1 | 23.684 | 2195.8 | 2386.2 | 2029.6 | 101.9 | 129.2 | 55.7 | 22.696 | 23.947 | 22.303 | 2528.6 | 2409.1 | 2717.3 | 83 | 94 | 72 | 7623 |
| | | | | Means | 30.019 | 30.004 | 30.008 | 76.0 | 78.9 | 73.2 | 79.5 | 67.6 | 3.4 | 4.3 | 1.9 | .757 | .798 | .743 | 84.3 | 80.3 | 90.6 | 3 | 3 | 2 | 254 |

**SCALES.**

FOG

0. No Fog
1. Light Fog or mist
2. 3. Moderate Fog
4. 5. Thick Fog

SEA

0. Calm
1. 2. Smooth
3. 4. Slight to moderate
5. 6. Rough to Very Rough
7. 8. High to Very High
9. 10. Phenominal

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers, 8 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

**WEATHER.**

No. of Days of

| Rain | Snow | Hail. | Thunder-storm | Clear Sky. | Overc'st. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 12 | | | 1 | 1 | 8 | | | |

**WIND.**

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S. E. | S. | S.W. | W. | N. W. |
|---|---|---|---|---|---|---|---|---|---|
| 16 | 1 | 2 | 2 | 1 | 4 | 17 | 44 | 17 | 2 |

HOURS OF OBSERVATION { I.—8.41 a. m. local time; II.—3.0 p. m. " "; III.—8.41 p. m. " "

# pect, at Bermuda, during June 1913.

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39 West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacuo. | Minimum on Grass. | REMARKS. | Date |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 8 | 6 | 9 | k. n. | c. k. | k. n. | S. W. | S. W. | S. W. | O | C | O | O. | O. C. | O. | | | 145.0 | 64.2 | Cloudy day. | 1 |
| 4 | 5 | 4 | k. n. | c. k. | k. | S. W. | S. W. | S. W. | C | C | C | O. C. | C. | C. | | | 151.2 | 64.0 | Fine day. | 2 |
| 6 | 2 | 1 | k. n. | c. k. | k. | S. W. | S. | S. | C | B | C | C. | C. $B_2$ | B. | | | 155.4 | 64.8 | Fine day. | 3 |
| 4 | 4 | 4 | c. k. | c. k. s. | c. c. s. k. | S. | S. W. | S. | C | C | C | B. C. | C. | C. | | | 148.2 | 67.8 | Fine day. | 4 |
| 3 | 2 | 2 | k. | k. | k. | S. | S. | S. | C | B | C | C. | C. B. | B. | | | 146.8 | 60.6 | Fine day. | 5 |
| 6 | 4 | 2 | c. k. n. | c. k. s. | k. s. | S. W. | S. E. | S. | C | B | C | B. C. | C. | C. B. | | | 144.8 | 56.8 | Fine day. | 6 |
| 2 | 2 | 2 | k. | c. k. s. | k. | S. E. | S. E. | S. E. | B | B | C | B. | B. | B. | | | 149.4 | 57.8 | Fine day. | 7 |
| 3 | 3 | 3 | c. k. | c. k. | k. n. | S. | S. W. | S. W. | C | C | C | B. C. | C. | C. | | | 151.0 | 59.8 | Fine day. | 8 |
| 5 | 4 | 7 | c. k. n. | c. k. | k. n. | S. W. | S. W. | S. | C | C | C | C.O.R.O.C. | C. | C. | .14 | ½ | 150.8 | 62.2 | Fine day. | 9 |
| 3 | 4 | 4 | c. k. | c. k. | c. k. | S. W. | S. W. | S. | C | C | C | C. P. C. | C. | C. | .02 | ¼ | 148.2 | 63.8 | Fine day. | 10 |
| 7 | 4 | 4 | c. k. | c. k. | k. | S. W. | W. | W. | C | C | C | C. | C. | C. | | | 154.0 | 64.0 | Fine day. | 11 |
| 5 | 5 | 5 | c. k. | c. k. | c. k. | S. W. | S. W. | S. W. | C | C | C | C. | C. | C. | | | 146.8 | 63.4 | Fine day. | 12 |
| 4 | 5 | 6 | c. k. | c. k. | c. k. | S. W. | S. W. | S. | C | C | C | C. | C. | C. | | | 151.0 | 66.0 | Fine day. | 13 |
| 5 | 9 | 8 | c. k. | k. n. | k. s. | S. W. | S. W. | S. W. | C | O | O | C.O.R.O.C. | C.O.R.O. | O.R.O. | .36 | 3½ | 151.2 | 65.6 | Fine a.m. Wet p.m. | 14 |
| 6 | 6 | 6 | c. k. | c. k. | k. | S. W. | S. W. | S. W. | C | C | C | O. C. | C. | C. | | | 151.6 | 63.2 | Fine day. | 15 |
| 6 | 5 | 4 | c. k. | c. k. | c. k. | S. W. | S. W. | S. W. | C | C | C | C. | C. | C. | | | 151.2 | 59.0 | Fine day. | 16 |
| 4 | 6 | 7 | c. k. s. | c. k. s. | k. s. | S. | S. W. | S. W. | C | C | C | C. | C. | C. | | | 147.2 | 64.0 | Fine day. | 17 |
| 9 | 9 | 9 | k. s. | k. n. | k. n. | S. | S. | S. W. | O | O | O | C. O. | O. R. O. | O. R. O. | .06 | 1½ | 119.2 | 64.0 | Dull day. | 18 |
| 7 | 10 | 7 | c. k. s. | n. | k. n. | S. | .S | S. W. | C | R | C | O.R.O.C. | C. O. R. | R. O. C. | .56 | 7 | 132.0 | 62.4 | Wet day. | 19 |
| 5 | 4 | 3 | c. k. | c. k. | k. | N. W. | N. | N. | C | C | C | C.O.R.O.C. | C. | C. | .10 | 1½ | 153.2 | 65.0 | Fine day. | 20 |
| 4 | 4 | 3 | k. | c. k. | k. | W. | W. | S. W. | C | C | C | C. | C. | C. | | | 145.6 | 58.8 | Fine day. | 21 |
| 6 | 4 | 3 | k. n. | k. | k. | S. W. | W. | S. W. | C | C | C | C. | C. | C. | | | 148.2 | 62.0 | Fine day. | 22 |
| 6 | 5 | 4 | k. | k. | k. n. | S. W. | W. | S. W. | C | C | C | C. | C. | C. P. C. | .02 | ¼ | 156.0 | 63.6 | Fine day. | 23 |
| 5 | 4 | 2 | c. k. n. | c. k. | c. k. | W. | S. W. | S. | C | C | B | C.O.R.O.C. | C. | C. B. | .04 | ½ | 153.6 | 62.2 | Fine day. | 24 |
| 7 | 5 | 6 | c. k. | c. k. | c. k. | W. | W. | S. W. | C | C | C | B. C. | C. | C. | | | 149.4 | 65.0 | Fine day. | 25 |
| 9 | 8 | 8 | k. n. | k. n. | k. n. s. | W. | W. | N. W. | O | O | O | C. P. O. | O. | O. | .02 | ¼ | 122.8 | 65.4 | Dull day. | 26 |
| 6 | 5 | 2 | c. k. n. | c. k. n. | k. s. | N. W. | W. | S. | C | C | B | O. C. | C. | C. B. | | | 161.2 | 61.6 | Fine day. | 27 |
| 8 | 6 | 7 | k. n. | k. n. | k. n. | W. | S. W. | S. W. | R | C | C | B.C.O.R. | R. O. C. | C. | .06 | 1¼ | 152.0 | 62.6 | Fine day. Local showers. | 28 |
| 9 | 10 | 10 | c. k. n. | n. | n. | S. W. | S. W. | S. W. | O | R | R | C. O. | O. R. | R. | .66 | 5½ | 150.2 | 67.0 | Cloudy a.m. Wet p.m. | 29 |
| 9 | 5 | 5 | c. k. s. | c. k. | k. | N. E. | N. E. | N. E. | O | C | C | R. O. | O. C. | C. | .06 | 1 | 135.6 | 63.0 | Fine day. | 30 |
| 171 | 155 | 147 | | | | | | | | | | | | | 9.40 | | | | | |
| 6 | 5 | 5 | | | | | | | | | | | | | 3.19 | Corrections Report | | | | |

## EXTREMES.

| | | |
|---|---|---|
| Highest corrected reading of Bar. | 30.171° | on 6th, at 8-41 a.m. |
| Lowest " " " | 29.798° | on 29th at 8.41 a.m. and 8.0p-m. |
| Greatest daily rainfall | 1.66 inch | on 29th. |
| Highest temperature in shade | 83.0° | on 27th |
| Lowest " " " | 64.6° | on 19th. |
| Highest " " sun | 161.2° | on 27th. |
| Lowest " on grass | 56.8° | on 6th., |

## SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus, |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus. |
| s. | Stratus. |
| ks. | Cumulo-stratus. |
| n. | Nimbus. |

C. WARD, Qr. Mr.-Sergt. R. A. M. C., Observer
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O., Bermuda.

# Meteorological Observations taken at Pros

Gravity correction + .010 inch.

| Fog a.m. | Fog p.m. | Sea Disturbance a.m. | Sea Disturbance p.m. | Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. I | II | III | AIR TEMPERATURE. Dry. I | Dry. II | Dry. III | Max. | Min. | HUMIDITY. Dep. of Wet. I | II | III | Vapour Pressure. I | II | III | Percentage. I | II | III | WIND. Direction and Force. I | II | III | Miles in 24 Hours |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8.0 | 4.0 | 8.0 | 4.0 | | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 p.m. | 8.41 a.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8 a.m. to 8 a.m. |
| 0 | 0 | 3 | 3 | 1 | 29.985 | 29.965 | 29.903 | 75.2 | 78.8 | 69.8 | 78.8 | 65.0 | 6.1 | 7.7 | 4.0 | .629 | .658 | .582 | 72 | 66 | 80 | E. 3 | E. 3 | E. 2 | 184 |
| 0 | 0 | 3 | 3 | 2 | 29.989 | 29.972 | 29.976 | 75.2 | 78.8 | 72.0 | 79.2 | 65.6 | 5.9 | 6.7 | 4.3 | .636 | .684 | .643 | 72 | 70 | 80 | S.E. 2 | E. 2 | E. 1 | 145 |
| 0 | 0 | 3 | 3 | 3 | 29.997 | 29.979 | 29.996 | 78.6 | 80.0 | 71.6 | 80.4 | 66.6 | 8.3 | 6.7 | 2.7 | .629 | .729 | .670 | 65 | 70 | 85 | N.E. 2 | N.E. 3 | N.E. 1 | 161 |
| 0 | 0 | 1 | 1 | 4 | 30.020 | 30.001 | 30.007 | 76.8 | 81.0 | 74.6 | 81.2 | 66.0 | 5.9 | 7.3 | 3.9 | .677 | .733 | .699 | 73 | 70 | 81 | N. 2 | N. 3 | N.W. 2 | 155 |
| 0 | 0 | 1 | 1 | 5 | 30.000 | 29.974 | 29.986 | 76.8 | 82.6 | 75.2 | 83.0 | 69.6 | 3.1 | 5.7 | 1.9 | .790 | .841 | .794 | 86 | 75 | 90 | N.W. 2 | W. 2 | W. 2 | 183 |
| 0 | 0 | 3 | 3 | 6 | 29.943 | 29.913 | 29.913 | 77.6 | 81.2 | 76.0 | 81.4 | 69.4 | 3.9 | 4.9 | 3.3 | .779 | .840 | .759 | 82 | 78 | 86 | W. 2 | W. 3 | S.W. 3 | 189 |
| 0 | 0 | 3 | 3 | 7 | 29.897 | 29.907 | 29.929 | 78.0 | 81.0 | 76.8 | 81.4 | 68.6 | 5.3 | 6.1 | 3.7 | .733 | .782 | .765 | 78 | 74 | 82 | S. 3 | S. 3 | S. 3 | 276 |
| 0 | 1 | 3 | 4 | 8 | 29.927 | 29.947 | 29.977 | 79.4 | 81.6 | 76.8 | 81.8 | 69.8 | 3.7 | 4.9 | 1.7 | .838 | .852 | .848 | 82 | 79 | 91 | S. 3 | S. 4 | S.W. 3 | 276 |
| 0 | 2 | 3 | 4 | 9 | 30.053 | 30.053 | 30.074 | 71.4 | 77.8 | 74.6 | 78.8 | 66.4 | 1.7 | 2.5 | 1.9 | .703 | .843 | .778 | 90 | 86 | 90 | S. 1 | W. 3 | W. 3 | 208 |
| 0 | 0 | 3 | 3 | 10 | 30.117 | 30.106 | 30.115 | 78.4 | 81.0 | 76.6 | 81.4 | 66.6 | 3.1 | 4.3 | 1.7 | .835 | .890 | .857 | 86 | 83 | 91 | W. 3 | W. 3 | S.W. 3 | 273 |
| 0 | 0 | 3 | 3 | 11 | 30.123 | 30.104 | 30.101 | 79.4 | 81.4 | 77.0 | 81.8 | 72.0 | 3.5 | 4.0 | 1.9 | .862 | .885 | .845 | 82 | 83 | 91 | S.W. 3 | S.W. 3 | S.W. 3 | 243 |
| 0 | 0 | 3 | 3 | 12 | 30.111 | 30.097 | 30.094 | 79.2 | 81.0 | 76.6 | 82.4 | 72.0 | 4.5 | 4.9 | 2.9 | .798 | .834 | .792 | 78 | 78 | 86 | W. 2 | S.W. 3 | W. 2 | 187 |
| 0 | 0 | 3 | 3 | 13 | 30.102 | 30.104 | 30.114 | 78.8 | 82.0 | 76.8 | 82.8 | 70.8 | 4.1 | 5.5 | 3.1 | .804 | .837 | .790 | 82 | 75 | 86 | W. 2 | W. 3 | W. 1 | 162 |
| 0 | 0 | 3 | 3 | 14 | 30.126 | 30.154 | 30.173 | 79.8 | 81.8 | 76.4 | 82.4 | 70.8 | 5.1 | 5.1 | 3.5 | .791 | .849 | .761 | 78 | 79 | 82 | W. 2 | S.W. 3 | S.W. 2 | 190 |
| 0 | 0 | 4 | 4 | 15 | 30.120 | 30.081 | 30.072 | 80.8 | 83.6 | 78.8 | 84.0 | 70.8 | 5.7 | 5.6 | 4.3 | .794 | .882 | .794 | 74 | 75 | 82 | S.W. 3 | S.W. 3 | S.W. 3 | 280 |
| 0 | 0 | 4 | 4 | 16 | 29.962 | 29.857 | 29.822 | 80.2 | 81.6 | 78.2 | 82.4 | 72.2 | 4.4 | 3.2 | 3.9 | .832 | .928 | .795 | 82 | 87 | 82 | S.W. 4 | S.W. 4 | S.W. 3 | 439 |
| 1 | 1 | 3 | 3 | 17 | 29.823 | 29.847 | 29.881 | 77.4 | 81.4 | 74.4 | 81.6 | 67.8 | 6.3 | 5.5 | 5.3 | .677 | .819 | .639 | 73 | 74 | 76 | N. 4 | N. 2 | N. 2 | 185 |
| 0 | 0 | 0 | 0 | 18 | 29.917 | 29.907 | 29.930 | 77.8 | 80.4 | 74.0 | 80.8 | 67.8 | 8.1 | 7.4 | 4.5 | .617 | .712 | .660 | 65 | 70 | 77 | Calm | N. 5 | Calm | 82 |
| 0 | 0 | 0 | 1 | 19 | 29.903 | 29.895 | 29.907 | 78.0 | 81.2 | 77.0 | 82.0 | 69.6 | 6.3 | 4.0 | 1.7 | .692 | .879 | .854 | 73 | 83 | 91 | W. 2 | S.W. 3 | S.W. 2 | 282 |
| 1 | 1 | 4 | 4 | 20 | 29.965 | 29.971 | 30.028 | 80.6 | 83.2 | 78.8 | 83.8 | 73.2 | 3.9 | 3.8 | 2.1 | .865 | .952 | .890 | 83 | 83 | 91 | S.W. 3 | S.W. 4 | S.W. 3 | 337 |
| 0 | 0 | 4 | 4 | 21 | 30.080 | 30.081 | 30.095 | 80.0 | 83.4 | 78.8 | 84.4 | 73.2 | 3.3 | 4.4 | 2.3 | .873 | .931 | .881 | 87 | 83 | 91 | S.W. 3 | S.W. 4 | S.W. 3 | 350 |
| 1 | 0 | 4 | 4 | 22 | 30.136 | 30.141 | 30.156 | 75.8 | 84.0 | 77.8 | 84.6 | 73.4 | 0.7 | 4.4 | 2.7 | .862 | .951 | .835 | 95 | 83 | 86 | W. 2 | S.W. 3 | S.W. 2 | 200 |
| 0 | 0 | 2 | 3 | 23 | 30.187 | 30.176 | 30.177 | 80.6 | 84.6 | 77.2 | 85.0 | 71.4 | 3.9 | 5.4 | 2.5 | .871 | .924 | .825 | 83 | 79 | 86 | S. 2 | S. 2 | S. 1 | 173 |
| 0 | 0 | 3 | 4 | 24 | 30.170 | 30.125 | 30.109 | 79.8 | 83.2 | 78.6 | 83.4 | 72.0 | 4.1 | 4.2 | 3.7 | .833 | .933 | .815 | 82 | 83 | 82 | S.E. 3 | S. 3 | S. 3 | 267 |
| 0 | 0 | 3 | 3 | 25 | 30.107 | 30.090 | 30.089 | 80.6 | 83.4 | 77.6 | 84.2 | 72.6 | 4.9 | 5.4 | 2.9 | .822 | .953 | .820 | 78 | 79 | 86 | S.W. 3 | S.W. 3 | S.W. 1 | 197 |
| 0 | 0 | 3 | 3 | 26 | 30.118 | 30.104 | 30.118 | 78.8 | 84.8 | 78.2 | 85.6 | 71.4 | 3.5 | 6.4 | 3.5 | .829 | .885 | .812 | 82 | 75 | 82 | W. 2 | S.E. 2 | W. 1 | 122 |
| 0 | 0 | 3 | 2 | 27 | 30.137 | 30.107 | 30.118 | 80.4 | 83.6 | 76.8 | 84.8 | 71.4 | 4.7 | 4.6 | 2.1 | .825 | .928 | .831 | 78 | 79 | 91 | S.W. 2 | N.E. 2 | S.E. 1 | 140 |
| 0 | 0 | 2 | 2 | 28 | 30.110 | 30.091 | 30.095 | 79.6 | 83.6 | 78.0 | 83.6 | 71.4 | 4.3 | 5.8 | 2.5 | .819 | .875 | .849 | 82 | 75 | 86 | S.W. 2 | W. 1 | Calm | 115 |
| 0 | 0 | 2 | 2 | 29 | 30.077 | 30.061 | 30.055 | 81.2 | 83.6 | 77.2 | 83.8 | 73.6 | 5.3 | 5.6 | 2.7 | .822 | .882 | .817 | 78 | 75 | 86 | S. 3 | W. 3 | Calm | 138 |
| 0 | 0 | 1 | 1 | 30 | 30.039 | 30.011 | 30.017 | 79.8 | 83.6 | 76.6 | 84.4 | 70.6 | 5.1 | 5.4 | 2.7 | .791 | .891 | .800 | 78 | 79 | 86 | W. 2 | W. 2 | W. 1 | 183 |
| 0 | 0 | 3 | 3 | 31 | 29.972 | 29.927 | 29.917 | 77.8 | 80.6 | 74.8 | 83.2 | 70.4 | 3.9 | 2.0 | 1.3 | .784 | .950 | .808 | 82 | 91 | 95 | S.W. 3 | S.W. 2 | W. 2 | 222 |
| | | | | Sums | 931.213 | 930.748 | 931.004 | 2433.8 | 2539.8 | 2363.6 | 2558.4 | 2171.0 | 142.6 | 159.4 | 91.2 | 24.112 | 26.532 | 24.308 | 2461 | 2422 | 2657 | 75 | 89 | 59 | 6564 |
| | | | | Means | 30.039 | 30.024 | 30.032 | 78.5 | 81.9 | 76.2 | 82.5 | 70.0 | 4.6 | 5.1 | 2.9 | .778 | .856 | .784 | 79 | 78 | 86 | 2 | 3 | 2 | 212 |

DEFINITIONS

FOG

0. No Fog
1. Light Fog or mist
2. 3. Moderate Fog
4. 5. Thick Fog

SEA

0. Calm
1. 2. Smooth
3. 4. Slight to moderate
5. 6. Rough to Very Rough
7. 8. High to Very High
9. Phenomenal

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers, 3 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

WEATHER.

No. of Days of

| Rain | Snow | Hail. | Thunder-storm | Clear Sky. | Overcast. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 9 | | | 4 | | | | | |

WIND.

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. |
|---|---|---|---|---|---|---|---|---|---|
| 6 | 4 | 6 | 4 | 5 | 4 | 12 | 32 | 24 | 2 |

HOURS OF OBSERVATION { I—8.41 a. m. local time; II—3.0 p. m. " "; III—8.41 p. m. " "

# pect, at Bermuda, during July 1913.

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39 West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacus. | Minimum on Grass. | REMARKS. | |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 6 | 5 | 2 | c. k. | c. k. s. | c. s. | E. | E. | E. | C | C | B | C | C. | C. B. | | | 151.4 | 58.0 | Fine Day. | 1 |
| 2 | 5 | 6 | c. k. s. | c. k. s. | c.k. k.s. | S.E. | N.E. | E. | B | C | C | B. | B. C. | C. | | | 148.4 | 58.0 | Fine Day. | 2 |
| 3 | 5 | 1 | k. | k. n. | k. | N.E. | N.E. | N.E. | C | C | B | C. | C. | C. B. | | | 150.8 | 59.0 | Fine Day. | 3 |
| 4 | 5 | 5 | c. k. | c. k. | k. | N. | N. | N.W. | C | C | C | B. C. | C. | C. | | | 150.4 | 58.8 | Fine Day. | 4 |
| 7 | 3 | 5 | k. n. | k. | k. | N.W. | W. | N.W. | C | C | C | C. | C. | C. | | | 151.2 | 64.0 | Fine Day. | 5 |
| 7 | 4 | 5 | c. k. | c. k. | k. | W. | W. | S.W. | C | C | C | C. | C. | C. | | | 155.8 | 63.2 | Fine Day. | 6 |
| 2 | 4 | 7 | k. | k. | k. n. | S. | S.W. | S.W. | B | C | C | C. B. | B. C. | C. | | | 148.0 | 62.0 | Fine Day. | 7 |
| 5 | 5 | 2 | c. k. | c. k. | k. s. | S. | S.W. | S.W. | C | C | B | C. P. C. | C. P. C. | C. B. | .04 | 1 | 148.4 | 66.0 | Fine Day. | 8 |
| 7 | 5 | 4 | k. n. | k. n. | k. | S. | W. | S.W. | C | C | C | BCOROC | C.O.R.O.C. | C. | .78 | 2¾ | 132.4 | 65.0 | Showery Day | 9 |
| 6 | 5 | 5 | k. n. | k. | c. k. | W. | W. | S.W. | C | C | C | C. P. C. | C. | C. | .02 | ¼ | 156.4 | 64.6 | Fine Day. | 10 |
| 6 | 5 | 4 | c. k. n. | c. k. | k. | S.W. | S.W. | W. | C | C | C | C. | C. | C. | | | 150.0 | 67.6 | Fine Day. | 11 |
| 3 | 3 | 3 | c. k. | c. k. | k. | S.W. | S.W. | W. | C | C | C | C. | C. | C. | | | 154.4 | 66.8 | Fine Day. | 12 |
| 4 | 4 | 4 | k. | c. k. | k. | W. | W. | W. | C | C | C | C. | C. | C. | | | 149.0 | 65.2 | Fine Day. | 13 |
| 4 | 4 | 3 | k. | k. | k. | W. | S.W. | S. | C | C | C | C. | C. | C. | | | 151.4 | 64.4 | Fine Day. | 14 |
| 3 | 4 | 7 | k. | k. | k. | S.W. | S.W. | S.W. | C | C | C | C. | C. | C. | | | 155.4 | 64.8 | Fine Day. | 15 |
| 6 | 6 | 8 | c. k. n. | c. k. | k. n. | S.W. | S.W. | S. | C | C | R | C. | C. | C. O. R. | .08 | ¾ | 152.8 | 68.4 | Cloudy Day. | 16 |
| 4 | 5 | 6 | k. | c. k. n. | c. k. | N. | N. | N.W. | C | C | C | R. O. C. | C. | C. | .38 | 1½ | 154.4 | 66.2 | Fine Day. | 17 |
| 5 | 5 | 4 | k. n. | c. k. | c. k. | N. | N. | N. | C | C | C | C. | C. | C. | | | 148.4 | 56.6 | Fine Day. | 18 |
| 3 | 5 | 6 | k. | k. | k. n. | W. | S.W. | S. | C | C | C | C. | C. | C. | | | 149.6 | 59.6 | Fine Day. | 19 |
| 6 | 5 | 4 | k. n. | k. n. | k. s. | W. | S.W. | S.W. | C | C | C | C. | C. | C. | | | 157.0 | 69.2 | Fine Day. | 20 |
| 5 | 5 | 2 | c. k. n. | c. k. | k. | S.W. | S.W. | S.W. | C | C | B | C. | C. | C. B. | | | 151.0 | 69.0 | Fine Day. | 21 |
| 6 | 6 | 3 | c. k. n. | c. k. n. | k. s. | W. | S.W. | S.W. | C | C | C | B. C. P. C. | C. | C. | | | 159.4 | 70.0 | Fine Day. | 22 |
| 4 | 4 | 2 | c. k. n. | c. k. n. | k. s. | S. | S. | S. | C | C | B | C. | C. | C. B. | | | 152.8 | 64.0 | Fine Day. | 23 |
| 6 | 4 | 3 | k. | k. | k. | S.E. | S. | S. | C | C | C | B. C. | C. | C. | | | 150.2 | 65.0 | Fine Day. | 24 |
| 4 | 4 | 3 | k. | c. k. | c. k. | S. | S.W. | S.W. | C | C | C | C. | C. | C. | | | 155.6 | 67.0 | Fine Day. | 25 |
| 5 | 6 | 6 | c. k. n. | c. k. | c. k. s. | W. | S. | W. | C | C | C | C. P. C. | C. | C. | .04 | ¼ | 153.2 | 65.0 | Fine Day. | 26 |
| 7 | 7 | 7 | c. k. | k. n. | k. n. | S. | S.E. | S. | C | C | C | C. | C. | C.O.R.O.C. | .34 | 2 | 164.2 | 64.0 | Fine a.m. Wet p.m. | 27 |
| 7 | 7 | 9 | k. s. | k. s. | k. n. | S. | S.W. | W. | C | C | C | C. | C. | C. O. | | | 148.4 | 65.8 | Cloudy Day. | 28 |
| 5 | 4 | 3 | c. k. | c. k. s. | ck. k. | S. | W. | W. | C | C | C | O. C. | C. | C. | | | 159.8 | 68.0 | Fine Day. | 29 |
| 5 | 4 | 3 | c. k. | c. k. | k. s. | W. | W. | W. | C | C | C | C. | C. | C. | | | 153.4 | 63.0 | Fine Day. | 30 |
| 7 | 9 | 9 | c. k. s. | n. | k. n. | S.W. | S.W. | W. | C | R | R | C. | C. O. R. | R. | .44 | 4 | 141.0 | 66.2 | Wet Day. | 31 |
| 154 | 152 | 141 | | | | | | | | | | | | | 2.22 | 13¼ | 4704.6 | 1994.4 | | Sums |
| 5 | 5 | 5 | | | | | | | | | | | | | .07 | | 151.8 | 64.3 | | Means |

EXTREMES.

| | | |
|---|---|---|
| Highest corrected reading of Bar. | 30.187° | on 23rd, at 8-41 a.m. |
| Lowest " " " | 29.822° | on 16th at 8.41 p.m. |
| Greatest daily rainfall | .78 inch | on 9th. |
| Highest temperature in shade | 85.6° | on 26th |
| Lowest " " " | 65.0° | on 1st. |
| Highest " " sun | 164.2° | on 27th. |
| Lowest " on grass | 56.6° | on 18th., |

SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus, |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus. |
| s. | Stratus. |
| ks. | Cumulo-stratus. |
| n. | Nimbus. |

C. WARD, Qr. Mr. Sergt. R. A. M. C., Observer
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O. Bermuda

# Meteorological Observations taken at Pros

Gravity correction + .010 inch.

| Fog a.m. | Fog p.m. | Sea Disturbance a.m. | Sea Disturbance p.m. | Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. I | II | III | AIR TEMPERATURE. Dry. I | Dry. II | Dry. III | Max. | Min. | HUMIDITY. Dep. of Wet. I | II | III | Vapour Pressure. I | II | III | Percentage. I | II | III | WIND. Direction and Force. I | II | III | Miles in 24 Hours |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8.0 | 4.0 | 8 0 | 4 0 | | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 p.m. | 8.41 a.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8 a.m. to 8 a.m. |
| 0 | 0 | 3 | 3 | 1 | 29.927 | 29.907 | 29.909 | 75.8 | 81.4 | 78.2 | 82.0 | 68.0 | 3.1 | 3.6 | 2.9 | .762 | .904 | .838 | 86 | 83 | 86 | N.W. 3 | N.W. 3 | W. 2 | 187 |
| 0 | 0 | 3 | 3 | 2 | 29.919 | 29.921 | 29.946 | 81.2 | 84.0 | 75.8 | 84.2 | 68.8 | 4.5 | 5.2 | 2.1 | .857 | .913 | .803 | 79 | 79 | 91 | W. 2 | W. 3 | S.W. 2 | 229 |
| 0 | 0 | 3 | 3 | 3 | 29.956 | 29.945 | 29.965 | 80.2 | 83.0 | 71.8 | 83.4 | 68.0 | 3.0 | 3.6 | 0.5 | .893 | .954 | .734 | 87 | 83 | 95 | S.W. 3 | S.W. 3 | N.W. 2 | 325 |
| 0 | 1 | 4 | 4 | 4 | 29.943 | 29.941 | 29.970 | 78.2 | 83.0 | 78.4 | 83.4 | 68.0 | 3.5 | 4.2 | 2.7 | .812 | .927 | .852 | 82 | 83 | 86 | S.W. 4 | S.W. 4 | S.W. 3 | 460 |
| 1 | 0 | 3 | 4 | 5 | 30.028 | 30.061 | 30.093 | 80.0 | 83.4 | 78.8 | 83.6 | 70.0 | 2.6 | 4.2 | 2.1 | .904 | .940 | .890 | 87 | 83 | 91 | S.W. 3 | S.W. 4 | S.W. 2 | 264 |
| 0 | 0 | 3 | 3 | 6 | 30.124 | 30.109 | 30.113 | 80.2 | 83.0 | 78.0 | 83.6 | 71.2 | 2.8 | 4.4 | 1.7 | .902 | .918 | .883 | 87 | 83 | 91 | S. 2 | S. 3 | S.W. 2 | 247 |
| 1 | 0 | 3 | 3 | 7 | 30.107 | 30.099 | 30.103 | 81.2 | 83.0 | 78.4 | 83.4 | 72.6 | 3.4 | 4.0 | 2.3 | .907 | .936 | .869 | 87 | 83 | 91 | S. 3 | S.W. 4 | S.W. 3 | 293 |
| 0 | 0 | 3 | 3 | 8 | 30.110 | 30.115 | 30.137 | 80.0 | 83.8 | 77.4 | 83.8 | 74.0 | 3.3 | 5.4 | 1.7 | .873 | .898 | .865 | 87 | 79 | 91 | S.W. 3 | S.W. 3 | S.W. 2 | 192 |
| 0 | 0 | 3 | 3 | 9 | 30.145 | 30.119 | 30.124 | 80.4 | 83.6 | 78.8 | 83.6 | 74.6 | 3.2 | 5.0 | 2.1 | .890 | .909 | .890 | 87 | 79 | 91 | S. 2 | S.W. 2 | S. 1 | 144 |
| 0 | 0 | 3 | 3 | 10 | 30.107 | 30.064 | 30.069 | 80.8 | 82.6 | 77.6 | 83.6 | 74.0 | 3.0 | 3.0 | 1.9 | .912 | .969 | .862 | 87 | 87 | 91 | S. 2 | S. 1 | S.W. 1 | 145 |
| 0 | 0 | 3 | 3 | 11 | 30.033 | 30.001 | 29.996 | 80.8 | 82.6 | 75.4 | 83.8 | 72.6 | 4.1 | 3.0 | 0.9 | .863 | .969 | .841 | 83 | 87 | 95 | S.W. 3 | S.W. 3 | S.W. 3 | 328 |
| 2 | 2 | 4 | 3 | 12 | 29.955 | 29.949 | 29.956 | 73.8 | 80.0 | 74.4 | 80.8 | 70.4 | 1.9 | 2.0 | 0.7 | .756 | .931 | .822 | 90 | 91 | 95 | W. 3 | S.W. 3 | S.W. 2 | 219 |
| 0 | 0 | 3 | 3 | 13 | 29.939 | 29.910 | 29.899 | 79.4 | 82.0 | 76.0 | 82.0 | 71.2 | 3.7 | 3.0 | 2.1 | .838 | .949 | .808 | 82 | 87 | 91 | N.E. 3 | W. 1 | N. 1 | 128 |
| 2 | 0 | 3 | 3 | 14 | 29.810 | 29.760 | 29.725 | 73.4 | 75.8 | 74.6 | 76.6 | 71.0 | 1.7 | 1.3 | 0.9 | .754 | .836 | .819 | 90 | 95 | 95 | E. 2 | E. 2 | E. 3 | 238 |
| 0 | 0 | 4 | 3 | 15 | 29.694 | 29.751 | 29.779 | 80.0 | 82.0 | 76.2 | 82.2 | 72.0 | 3.3 | 4.2 | 3.5 | .873 | .895 | .756 | 87 | 83 | 82 | N.E. 4 | N. 4 | N. 3 | 286 |
| 0 | 0 | 3 | 4 | 16 | 29.904 | 29.812 | 29.763 | 80.0 | 80.4 | 74.0 | 81.0 | 72.0 | 5.3 | 4.3 | 1.3 | .788 | .842 | .786 | 78 | 82 | 95 | N.E. 2 | E. 3 | E. 2 | 311 |
| 1 | 0 | 4 | 4 | 17 | 29.915 | 29.957 | 29.988 | 74.6 | 78.0 | 76.6 | 78.0 | 71.2 | 1.9 | 1.9 | 2.9 | .778 | .874 | .792 | 90 | 91 | 86 | S.W. 4 | S.W. 2 | S. 3 | 276 |
| 1 | 1 | 3 | 3 | 18 | 30.051 | 30.061 | 30.099 | 79.0 | 82.2 | 78.8 | 82.2 | 67.4 | 2.7 | 4.0 | 2.1 | .870 | .910 | .890 | 86 | 83 | 91 | S. 4 | S. 3 | S. 3 | 294 |
| 1 | 1 | 4 | 3 | 19 | 30.076 | 30.055 | 30.073 | 80.0 | 81.0 | 72.0 | 82.4 | 69.8 | 3.3 | 4.3 | 1.1 | .873 | .860 | .742 | 87 | 83 | 95 | S. 3 | S. 3 | N.W. 2 | 275 |
| 1 | 2 | 3 | 4 | 20 | 29.943 | 29.884 | 29.853 | 69.6 | 76.8 | 73.0 | 78.8 | 67.8 | 0.1 | 4.1 | 1.3 | .719 | .749 | .759 | 100 | 82 | 95 | N. 3 | S.W. 4 | S.W. 2 | 274 |
| 0 | 1 | 3 | 4 | 21 | 29.847 | 29.851 | 29.875 | 77.6 | 81.0 | 74.0 | 81.8 | 67.8 | 4.9 | 4.7 | 4.1 | .738 | .843 | .676 | 78 | 78 | 81 | N.E. 3 | N.E. 3 | N.E. 4 | 364 |
| 1 | 0 | 4 | 4 | 22 | 29.905 | 29.909 | 29.933 | 78.8 | 80.6 | 74.6 | 80.8 | 70.0 | 6.7 | 6.9 | 2.9 | .698 | .738 | .737 | 70 | 70 | 86 | N.E. 3 | E. 3 | E. 3 | 294 |
| 1 | 0 | 4 | 2 | 23 | 30.002 | 30.007 | 30.025 | 80.0 | 81.2 | 76.4 | 81.2 | 72.8 | 4.3 | 4.9 | 2.5 | .830 | .840 | .802 | 82 | 78 | 86 | S.E. 3 | S. 3 | S. 2 | 182 |
| 0 | 0 | 1 | 2 | 24 | 30.036 | 30.064 | 30.068 | 80.2 | 81.8 | 77.4 | 82.8 | 74.0 | 3.5 | 4.4 | 1.7 | .870 | .880 | .865 | 83 | 83 | 91 | S.W. 2 | S. 3 | S.W. 2 | 203 |
| 0 | 0 | 3 | 3 | 25 | 30.054 | 30.054 | 30.074 | 80.2 | 82.6 | 76.6 | 83.0 | 74.6 | 3.5 | 5.0 | 1.9 | .870 | .879 | .834 | 83 | 79 | 91 | S.W. 3 | S.W. 3 | S. 2 | 216 |
| 0 | 0 | 3 | 4 | 26 | 30.078 | 30.077 | 30.099 | 80.0 | 83.0 | 76.4 | 83.2 | 73.2 | 2.2 | 4.6 | 1.7 | .922 | .909 | .837 | 91 | 79 | 91 | S.W. 3 | S.W. 3 | S.W. 1 | 187 |
| 0 | 1 | 1 | 1 | 27 | 30.171 | 30.169 | 30.174 | 80.2 | 83.4 | 78.0 | 83.4 | 73.8 | 4.1 | 5.6 | 3.3 | .845 | .878 | .815 | 82 | 75 | 86 | S. 2 | S. 2 | S. 1 | 139 |
| 0 | 1 | 3 | 3 | 28 | 30.147 | 30.119 | 30.110 | 80.8 | 83.0 | 77.2 | 83.4 | 74.6 | 4.1 | 4.5 | 1.5 | .863 | .913 | .867 | 83 | 79 | 91 | S.E. 2 | S.E. 2 | S.E. 2 | 176 |
| 1 | 1 | 3 | 4 | 29 | 30.042 | 30.011 | 30.008 | 80.8 | 84.0 | 78.8 | 84.0 | 74.2 | 3.8 | 6.0 | 4.1 | .877 | .816 | .804 | 83 | 75 | 82 | S.E. 3 | S.E. 3 | S.E. 3 | 334 |
| 1 | 1 | 3 | 3 | 30 | 30.020 | 30.015 | 30.036 | 80.4 | 82.0 | 78.6 | 83.6 | 76.4 | 4.9 | 5.3 | 1.9 | .817 | .846 | .892 | 78 | 79 | 91 | S.E. 3 | S. 3 | S.E. 3 | 343 |
| 0 | 0 | 3 | 3 | 31 | 30.077 | 30.095 | 30.120 | 80.8 | 84.0 | 78.0 | 84.0 | 76.0 | 5.3 | 5.8 | 3.3 | .811 | .886 | .815 | 78 | 75 | 86 | S. 3 | S.E. 3 | S.E. 2 | 238 |
| | | | | S.ums | 930.127 | 929.792 | 930.082 | 2448.4 | 2538.2 | 2370.2 | 2553.6 | 2222.0 | 107.7 | 132.4 | 65.7 | 25.965 | 27.511 | 25.445 | 2620 | 2536 | 2786 | 88 | 89 | 69 | 7731 |
| | | | | Means | 30.004 | 29.993 | 30.003 | 79.0 | 81.9 | 76.5 | 82.4 | 71.7 | 3.5 | 4.3 | 2.1 | .838 | .887 | .821 | 85 | 82 | 90 | 3 | 3 | 2 | 249 |

DEFINITIONS

FOG

0. No Fog
1. Light Fog or mist
2. } Moderate Fog
3. }
4. } Thick Fog
5. }

SEA

0. Calm
1. } Smooth
2. }
3. } Slight to moderate
4. }
5. } Rough to V
6. } Rough
7. } High to V
8. } High
9. } Phenomenal
10. }

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers. 8 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 119 feet.

WEATHER.

No. of Days of

| Rain | Snow | Hail. | Thunder-storm | Clear Sky. | Overcast. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 19 | | | 6 | | 2 | | | |

WIND.

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S. E. | S. | S. W. | W. | N. W. |
|---|---|---|---|---|---|---|---|---|---|
| 10 | | 4 | 7 | 7 | 11 | 21 | 34 | 5 | 4 |

HOURS OF OBSERVATION { I—8.41 a. m. local time; II—3.0 p. m. " "; III—8.41 p. m. " "

# pect, at Bermuda, during August, 1913

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39 West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacuo. | Minimum on Grass. | REMARKS. | |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 6 | 6 | 5 | c. k. s. | c. k. n. | k. n. | N. W. | N. W. | W. | C | C | C | R. O. C. | C.O.R.O.C. | C.O.R.O.C. | .32 | 4 | 149.6 | 65.8 | Fine Day. | 1 |
| 6 | 5 | 3 | k. n. | k. | k. | W. | W. | S. W. | C | C | C | C.O.R.O.C. | C. | C. | .12 | 2 | 158.6 | 67.6 | Fine Day. | 2 |
| 7 | 8 | 9 | c. k. | k. n. | k. n. | S. W. | S. W. | W. | C | C | O | C.O.R.O.C. | C.O.R.O. | O.R.O. | .44 | 3½ | 155.8 | 67.6 | Cloudy a.,m. Wet p.m. | 3 |
| 7 | 5 | 3 | c. k. n. | c. k. | k. s. | S.W. | S. W. | S. W. | C | C | C | O.R.O.C. | C. | C. | .06 | 1½ | 153.0 | 66.0 | Fine Day. | 4 |
| 5 | 4 | 3 | k. n. | c. k. | k. | S. W. | S. W. | S. W. | C | C | C | C. R. C. | C. | C. | .12 | ¾ | 150.6 | 66.8 | Fine Day, | 5 |
| 6 | 5 | 3 | c. k. | c. k. | k. | S. | S.W. | S. | C | C | C | C. P. C. | C. | C. | .02 | ¾ | 154.0 | 66.8 | Fine Day. | 6 |
| 5 | 5 | 4 | c. k. | c. k. | k. | S. | S. W. | S. W. | C | C | C | C. | C. | C. | | | 149.4 | 67.6 | Fine Day. | 7 |
| 4 | 4 | 3 | c. k. s. | c. k. s. | k. | S. | S.W. | S. | C | C | C | C. | C. | C. | | | 157.0 | 67.0 | Fine Day. | 8 |
| 3 | 4 | 6 | c. k. | c. k. | k. | S. | S. | S. W. | C | C | C | C. | C. | C. | | | 151.0 | 65.0 | Fine Day. | 9 |
| 3 | 9 | 9 | c. k. | k. n. | k. n. | S. | S. | S. W. | C | O | O | C. | C.O.R.O. | O. | .22 | 1 | 152.8 | 66.0 | Fine a.m. Dull p.m. | 10 |
| 3 | 9 | 7 | k. s. | n. | k. n. | S. W. | S. W. | S. W. | C | O | O | O. C. | C. O. | O.R.O.C. | .28 | 2 | 154.8 | 66.6 | Fine a.m. Wet p.m. | 11 |
| 3 | 9 | 9 | k. n. s. | k. n. | n. | W. | S. W. | S. W. | C | O | R | C.O.R.O.C. | C. O. | O. R. | .32 | 4 | 153.6 | 65.0 | Showery Day. | 12 |
| 7 | 9 | 8 | c. k. | c. k. | ck. k. | N. E. | S. W. | N. E. | C | C | C | R. O. C. | C. | C. O. | .44 | 2 | 154.4 | 66.0 | Cloudy Day. | 13 |
| 7 | 7 | 9 | k. n. | k. n. | k. n. | E. | E. | E. | O | C | O | O. R. O. | O. R. O. | O. R. O. | .68 | 6 | 104.2 | 67.0 | Wet Day. | 14 |
| 10 | 9 | 9 | k. | c. k. | k. | N. E. | N. E. | N. E. | C | C | C | O. P. C. | C. | C. | .02 | ¼ | 153.6 | 66.6 | Fine Day. | 15 |
| 5 | 5 | 4 | c. k. s. | c. k. | k. s. n. | N. E. | E. | N. E. | C | C | C | C. | C. R. C. | C. | .20 | ¾ | 151.8 | 62.0 | Fine Day, Local Showers. | 16 |
| 7 | 5 | 7 | k. n. | k. n. | k. n. | S. W. | S. W. | S. | O | O | O | C.O.R.O. | O. | O. P. O. | .06 | ¾ | 129.0 | 64.0 | Dull Day. | 17 |
| 9 | 9 | 10 | c. k. | c. k. | k. n. | S. | S. | S. | C | C | O | O.R.O.C. | C. | C. O. | 2.22 | 6 | 150.6 | 62.6 | Cloudy Day. | 18 |
| 5 | 7 | 8 | c. k. | c. k. | k. n. | S. | S. | N. W. | C | C | O | O.R.O.C. | C. | C.O.R.O. | .46 | 3¼ | 150.0 | 64.8 | Fine Day, Wet Evening. | 19 |
| 4 | 7 | 8 | n. | c. k. | k. n. | N. | S. W. | W. | R | C | C | O. R. | R. O. C. | C.O.R.O.C. | 2.72 | 3½ | 126.8 | 64.4 | Cloudy Day, with heavy show- | 20 |
| 10 | 7 | 5 | k. n. | k. n. | k. n. | N. E. | N. E. | N. E. | C | C | C | C. P. C. | C. | C. P. C. | .08 | ½ | 152.8 | 62.4 | Fine Day. lers. | 21 |
| 5 | 5 | 3 | c. k. | c. k. | c. k. n. | N. E. | E. | E. | B | C | C | C. B. | B. C. | C. | | | 154.0 | 60.0 | Find Day. | 22 |
| 2 | 4 | 4 | c. k. n. | c. k. | k. | S. E. | S. | S. | C | C | B | C. | C. | C. B. | | | 147.0 | 64.6 | Fine Day. | 23 |
| 5 | 3 | 2 | c. k. | c. k. | k. | S. | S. | S. W. | C | C | C | B.C.R.C. | C. | C. | .08 | ½ | 149.0 | 66.8 | Fine Day. | 24 |
| 4 | 3 | 3 | k. | c. k. | k. | S. W. | S. W. | S. | C | C | B | C. | C. | B. | | | 150.6 | 68.0 | Fine Day. | 25 |
| 4 | 4 | 2 | k. n. | c. k. | c. k. | S. W. | S. W. | S. W. | C | C | B | B. C. | C. | C. B. | | | 152.0 | 66.6 | Fine Day. | 26 |
| 5 | 4 | 2 | c. k. | c. k. | c. k. | S. | S. | S. | C | C | B | B. C. | C. | C. | | | 148.2 | 66.0 | Fine Day. | 27 |
| 3 | 3 | 3 | c. k. | c. k. | k. | S. E. | S. E. | S. | C | C | B | C. | C. | C. B. | | | 154.4 | 66.0 | Fine Day. | 28 |
| 7 | 5 | 2 | k. | k. s. | k. | S. E. | S. E. | S. E. | C | C | C | B. C. | C. | C. | | | 150.0 | 65.4 | Fine Day. | 29 |
| 4 | 4 | 5 | k. n. | c. k. | k. | S. E. | S. E. | S. E. | C | C | C | C. | C. | C. | | | 152.0 | 69.0 | Fine Day. | 30 |
| 7 | 5 | 4 | c. k. n. | c. k. | c. k. | S. | S. E. | S. E. | C | C | C | C. | C. | C. | | | 152.0 | 68.2 | Fine Day. | 31 |
| 172 | 173 | 156 | | | | | | | | | | | | | 8.86 | 42½ | 4622.6 | 2038.2 | | Sums |
| 6 | 6 | 5 | | | | | | | | | | | | | .29 | | 149.1 | 65.7 | | Means |

## EXTREMES.

| | |
|---|---|
| Highest corrected reading of Bar. | 30.174° on 27th, at 8·41 p.m. |
| Lowest " " " | 29.694° on 15th at 8.41 a.m. |
| Greatest daily rainfall | 2.72 inch on 20th. |
| Highest temperature in shade | 84.2° on 2nd |
| Lowest " " " | 67.4° on 18th. |
| Highest " " sun | 158.6° on 2nd. |
| Lowest " on grass | 60.0° on 22nd. |

## SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus, |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus. |
| s. | Stratus. |
| ks. | Cumulo-stratus. |
| n. | Nimbus. |

C. WARD, Qr. Mr.-Sergt. R. A. M. C., Observer
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O. Bermuda

# Meteorological Observations taken at Pros

Gravity correction + .010 inch.

| Fog a.m. | Fog p.m. | Sea Disturbance a.m. | Sea Disturbance p.m. | Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. I | II | III | AIR TEMPERATURE. Dry. I | Dry. II | Dry. III | Max. | Min. | HUMIDITY. Dep. of Wet. I | II | III | Vapour Pressure. I | II | III | Percentage. I | II | III | WIND. Direction and Force. I | II | III | Miles in 24 Hours 8 a.m. to 8 a.m. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 p.m. | 8.41 a.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | |
| 8.0 | 4.0 | 8.0 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | 3 | 3 | 1 | 30.117 | 30.109 | 30.113 | 80.6 | 83.2 | 77.8 | 83.6 | 74.0 | 5.5 | 5.8 | 3.1 | .796 | .862 | .818 | 74 | 75 | 86 | E 3 | S.E. 3 | E. 3 | 242 |
| 0 | 0 | 3 | 3 | 2 | 30.085 | 30.057 | 30.053 | 80.4 | 83.4 | 76.4 | 83.8 | 72.2 | 5.1 | 6.1 | 2.7 | .808 | .854 | .797 | 78 | 75 | 86 | E. 3 | E. 3 | E. 3 | 263 |
| 0 | 0 | 3 | 3 | 3 | 30.033 | 30.009 | 29.995 | 78.2 | 83.2 | 77.2 | 83.8 | 73.2 | 2.5 | 5.2 | 3.5 | .854 | .887 | .784 | 86 | 79 | 82 | E. 3 | E. 3 | E. 3 | 281 |
| 0 | 1 | 4 | 4 | 4 | 29.987 | 29.964 | 29.972 | 80.8 | 82.0 | 76.4 | 82.8 | 74.0 | 4.1 | 4.2 | 2.3 | .863 | .895 | .811 | 83 | 83 | 91 | E. 3 | E. 3 | E. 3 | 232 |
| 1 | 0 | 4 | 3 | 5 | 29.977 | 29.967 | 29.955 | 74.6 | 81.4 | 74.8 | 81.6 | 70.6 | 1.9 | 4.4 | 1.3 | .778 | .868 | .808 | 90 | 83 | 95 | E. 2 | E. 3 | N.E. 2 | 215 |
| 0 | 0 | 3 | 3 | 6 | 29.951 | 29.955 | 29.960 | 78.2 | 82.0 | 76.6 | 83.2 | 71.8 | 2.9 | 4.6 | 2.1 | .838 | .877 | .825 | 86 | 79 | 91 | N.E. 3 | N. 3 | N.E. 3 | 333 |
| 1 | 1 | 4 | 4 | 7 | 30.009 | 29.981 | 29.975 | 78.8 | 81.0 | 74.8 | 81.4 | 73.2 | 6.1 | 5.7 | 2.1 | .722 | .800 | .775 | 74 | 74 | 90 | N.E. 4 | N.E. 3 | N.E. 3 | 333 |
| 0 | 0 | 3 | 3 | 8 | 29.965 | 29.929 | 29.927 | 77.2 | 80.4 | 72.4 | 80.8 | 70.0 | 5.5 | 6.2 | 3.7 | .702 | .761 | .651 | 73 | 74 | 81 | N.E. 3 | S.E. 3 | E. 2 | 142 |
| 0 | 0 | 3 | 3 | 9 | 29.892 | 29.867 | 29.859 | 80.8 | 81.6 | 70.8 | 82.2 | 69.0 | 5.7 | 4.0 | 0.3 | .794 | .892 | .742 | 74 | 83 | 100 | N.E. 1 | S. 2 | N.E. 1 | 113 |
| 2 | 2 | 4 | 4 | 10 | 29.854 | 29.832 | 29.833 | 71.2 | 80.0 | 72.7 | 80.8 | 69.2 | 0.5 | 3.1 | 2.0 | .744 | .882 | .724 | 95 | 87 | 90 | N.E. 3 | N.E. 3 | N.E. 4 | 378 |
| 2 | 0 | 3 | 3 | 11 | 29.871 | 29.865 | 29.877 | 75.2 | 78.4 | 73.2 | 78.4 | 69.8 | 4.1 | 5.5 | 3.5 | .706 | .735 | .678 | 81 | 74 | 81 | N.E. 4 | N.E. 3 | N.E. 3 | 273 |
| 0 | 0 | 3 | 3 | 12 | 29.927 | 29.937 | 29.971 | 78.0 | 80.8 | 71.0 | 80.8 | 68.6 | 6.9 | 6.1 | 2.1 | .721 | .777 | .678 | 70 | 74 | 90 | N. 2 | N. 3 | N. 2 | 159 |
| 0 | 0 | 3 | 3 | 13 | 29.997 | 29.989 | 29.985 | 78.0 | 80.4 | 75.0 | 80.4 | 68.6 | 5.1 | 6.5 | 4.3 | .741 | .748 | .693 | 78 | 70 | 81 | S.E. 2 | S.E. 3 | S.E. 2 | 199 |
| 0 | 0 | 3 | 3 | 14 | 30.025 | 30.027 | 30.041 | 78.8 | 81.0 | 75.2 | 81.2 | 71.6 | 4.9 | 5.3 | 2.5 | .770 | .816 | .769 | 78 | 78 | 86 | E. 3 | S.E. 3 | S.E. 2 | 201 |
| 0 | 0 | 3 | 3 | 15 | 30.082 | 30.091 | 30.108 | 80.0 | 81.8 | 76.2 | 82.6 | 73.0 | 3.9 | 4.8 | 1.5 | .847 | .863 | .839 | 82 | 79 | 91 | E. 3 | S.E. 3 | E. 2 | 194 |
| 0 | 0 | 3 | 3 | 16 | 30.137 | 30.133 | 30.128 | 78.2 | 78.8 | 75.0 | 78.8 | 73.0 | 2.5 | 3.1 | 2.3 | .854 | .846 | .772 | 86 | 86 | 90 | E. 2 | N.E. 3 | N.E. 4 | 300 |
| 1 | 0 | 3 | 3 | 17 | 30.145 | 30.101 | 30.080 | 75.8 | 78.2 | 74.0 | 80.6 | 72.0 | 3.1 | 4.5 | 4.7 | .762 | .770 | .653 | 86 | 78 | 76 | N.E. 4 | E. 3 | E. 3 | 261 |
| 0 | 0 | 3 | 3 | 18 | 30.030 | 29.982 | 29.972 | 74.8 | 79.4 | 72.6 | 79.8 | 67.4 | 4.1 | 5.5 | 3.1 | .696 | .762 | .679 | 81 | 74 | 85 | E. 2 | S. 2 | S. 1 | 156 |
| 0 | 0 | 3 | 4 | 19 | 29.973 | 29.959 | 29.957 | 78.0 | 81.0 | 76.8 | 81.4 | 70.0 | 5.3 | 5.5 | 2.5 | .733 | .808 | .813 | 78 | 74 | 86 | S. 3 | S. 3 | S. 3 | 308 |
| 1 | 1 | 3 | 3 | 20 | 29.968 | 29.957 | 29.973 | 80.0 | 82.6 | 76.0 | 83.0 | 74.6 | 3.0 | 4.2 | 1.3 | .887 | .914 | .842 | 87 | 83 | 95 | S.W. 3 | S.W. 3 | W. 3 | 221 |
| 0 | 0 | 2 | 2 | 21 | 29.990 | 29.981 | 30.004 | 79.8 | 83.8 | 76.6 | 85.2 | 73.8 | 3.9 | 5.6 | 1.5 | .841 | .888 | .850 | 82 | 75 | 91 | W. 1 | N. 2 | N. 1 | 96 |
| 0 | 0 | 2 | 0 | 22 | 30.004 | 29.979 | 29.986 | 80.0 | 84.8 | 75.6 | 85.6 | 71.8 | 4.3 | 6.8 | 0.9 | .830 | .867 | .847 | 82 | 72 | 95 | E. 2 | N. 3 | N.E. 3 | 189 |
| 0 | 0 | 3 | 2 | 23 | 29.958 | 29.911 | 29.903 | 79.8 | 84.0 | 75.4 | 84.4 | 71.8 | 5.1 | 6.0 | 2.9 | .791 | .877 | .759 | 78 | 75 | 86 | N.E. 3 | N. 3 | N. 3 | 237 |
| 0 | 0 | 3 | 3 | 24 | 29.882 | 29.867 | 29.863 | 80.0 | 82.0 | 74.6 | 82.6 | 70.6 | 6.9 | 6.3 | 3.5 | .721 | .803 | .714 | 70 | 74 | 81 | N. 3 | N. 3 | N. 3 | 306 |
| 0 | 0 | 3 | 3 | 25 | 29.859 | 29.847 | 29.851 | 78.2 | 79.8 | 72.0 | 82.4 | 70.2 | 3.5 | 3.5 | 0.9 | .812 | .858 | .749 | 82 | 82 | 95 | N. 3 | N. 3 | N. 1 | 165 |
| 0 | 0 | 1 | 2 | 26 | 29.883 | 29.875 | 29.886 | 78.0 | 80.6 | 74.6 | 80.6 | 69.6 | 4.9 | 4.5 | 2.7 | .748 | .810 | .745 | 78 | 78 | 86 | S.W. 2 | W. 3 | W. 2 | 184 |
| 1 | 0 | 2 | 3 | 27 | 29.905 | 29.915 | 29.947 | 79.4 | 81.2 | 75.0 | 82.2 | 71.2 | 4.5 | 3.0 | 3.3 | .803 | .893 | .732 | 78 | 87 | 86 | N.W. 2 | N.W. 2 | N.W. 2 | 198 |
| 1 | 1 | 3 | 3 | 28 | 29.989 | 29.961 | 29.962 | 78.2 | 83.2 | 74.0 | 83.4 | 71.4 | 6.5 | 7.1 | 3.3 | .689 | .804 | .707 | 70 | 71 | 86 | N. 3 | N. 2 | N. 2 | 219 |
| 1 | 1 | 3 | 3 | 29 | 29.941 | 29.907 | 29.890 | 78.0 | 82.0 | 72.0 | 82.8 | 68.6 | 4.3 | 5.0 | 2.3 | .773 | .860 | .695 | 82 | 79 | 90 | N.E. 3 | N.E. 2 | N.E. 2 | 185 |
| 0 | 0 | 3 | 3 | 30 | 29.837 | 29.817 | 29.817 | 78.8 | 82.0 | 72.2 | 82.0 | 69.2 | 5.1 | 5.5 | 2.7 | .763 | .837 | .685 | 78 | 75 | 85 | N.E. 3 | N. 3 | N. 3 | 222 |
| | | | | Sums | 899.273 | 898.771 | 898.843 | 2347.8 | 2444.0 | 2236.9 | 2462.2 | 2134.0 | 131.7 | 153.6 | 74.9 | 23.387 | 25.114 | 22.634 | 2400 | 2330 | 2634 | | 81 | | 85 | | 74 | 6805 |
| | | | | Means | 29.976 | 29.959 | 29.961 | 78.3 | 81.5 | 77.9 | 82.1 | 71.1 | 4.4 | 5.1 | 2.5 | .780 | .837 | .754 | 80 | 78 | 88 | | 3 | | 3 | | 2 | 227 |

DEFINITIONS

FOG

0. No Fog
1. Light Fog or mist
2. 3. Moderate Fog
4. 5. Thick Fog

SEA

0. Calm
1. 2. Smooth
3. 4. Slight to moderate
5. 6. Rough to Very Rough
7. 8. High to Very High
9. Phenomenal

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers. 3 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

WEATHER.

No. of Days of

| Rain | Snow | Hail. | Thunder-storm | Clear Sky. | Overc'st. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 11 | | | | | | | | |

WIND.

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S. E. | S. | S.W. | W. | N. W. |
|---|---|---|---|---|---|---|---|---|---|
| 5 | | 20 | 24 | 22 | 8 | 6 | 8 | 4 | 8 |

HOURS OF OBSERVATION { I—8.41 a. m. local time; II—3.0 p. m. " "; III—8 p. m. " "

# pect, at Bermuda, during September, 1913

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39 West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacus. | Minimum on Grass. | REMARKS. | |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 2 | 4 | 2 | c. k. | c. k. | k. | E. | E. | E. | B | C | B | C. B. | B. C. | C. B. | .02 | ¼ | 151.0 | 66.0 | Fine Day. | 1 |
| 3 | 4 | 4 | k. | k. | k. | E. | E. | E. | C | C | C | B.C.P.C. | C. | C. | .06 | ¼ | 151.6 | 65.0 | Fine Day. | 2 |
| 6 | 3 | 3 | c. k. | c. k. | k. | E. | E. | E. | C | C | C | C.P.C. | C. | C. | .14 | 1 | 150.4 | 65.0 | Fine Day. | 3 |
| 7 | 4 | 5 | c. k. n. | c. k. | c. k. n, | E. | E. | E. | C | C | C | C. | C.O.R.O.C. | C. | .06 | 1½ | 152.8 | 66.2 | Fine Day. | 4 |
| 9 | 6 | 5 | k. n. | c. k. | k. | E. | E. | N. E. | C | C | C | C.O.R.O. | O. C. | C. B. | .18 | ¾ | 151.4 | 64.8 | Fine Day. | 5 |
| 5 | 5 | 2 | c. k. | c. k. n. | k. n. | N. E. | N. E. | N. | C | C | C | B.C.O.R.O.C. | C. | C. | | | 150.0 | 63.0 | Fine Day. | 6 |
| 5 | 5 | 5 | k. | k. n. | k. n. | N. E. | N. E. | N. E. | C | C | C | C. B. | B. C. | C. | | | 152.0 | 66.0 | Fine Day. | 7 |
| 2 | 6 | 5 | k. s. | c. k. | k. n. | N. E. | E. | E. | C | C | C | C.P.C. | C. | C. | .02 | ¼ | 150.0 | 61.0 | Fine Day. | 8 |
| 4 | 4 | 3 | c. k. n. | c. k. s. | k. n. | S. | S. E. | N. | C | C | C | C. | C.O.R.O.C. | C.R.C. | .52 | 1¼ | 153.6 | 57.6 | Heavy Shower 10 a.m. Fine | 9 |
| 6 | 4 | 5 | c.k. s.n. | c. k. s. | k. n. | N. E. | N. E. | N. E. | C | C | C | C.O R. | R.O.C. | C | .76 | 4½ | 153.0 | 63.0 | Showery Day. {Day. | 10 |
| 8 | 6 | 7 | k. n. | k. n. | k. n. | N. E. | N. E. | N. E. | C | C | C | C. O. | O. C. | C. B. | | | 140.0 | 63.8 | Fine Day. | 11 |
| 9 | 6 | 7 | c. k. | c. k. | c. k. | N. E. | N. | N. E. | C | C | C | C. B. | B. C. | C. B. | | | 153.4 | 55.6 | Fine Day. | 12 |
| 2 | 6 | 2 | k. s. | c. k. | c. k. | S. E. | S. E. | S. E. | C | C | C | B. | C. | C. | | | 147.6 | 56.8 | Fine Day. | 13 |
| 2 | 3 | 2 | c. k. s. | c. k. | c. k. | S. E. | S. E. | S.E. | C | C | C | B. C. | C. | C. | | | 150.6 | 59.8 | Fine Day. | 14 |
| 4 | 5 | 6 | c. k. | c. k. | c. k. | E. | S. E. | E. | C | C | C | C. | C. | C. | | | 149.8 | 63.0 | Fine Day. | 15 |
| 4 | 4 | 4 | k. s. | c. k. | k. n. | E. | N. E. | N. E. | C | C | C | C. | C. | C. O. | | | 108.2 | 66.0 | Cloudy Day. | 16 |
| 7 | 7 | 9 | k. n. | k. n. | k. n. | N. E. | N. E. | E. | C | C | C | O. C. | C. | C. | | | 153.2 | 62.0 | Fine Day. | 17 |
| 5 | 5 | 7 | k. | k. | k. | N. E. | S. | S. E. | C | C | C | C. | C. | C. B. | | | 145.2 | 53.8 | Fine Day. | 18 |
| 4 | 4 | 2 | k. | k. | k. | S. W. | S. W. | S. | C | C | C | B. C. | C. | C. | | | 147.6 | 54.0 | Fine Day. | 19 |
| 5 | 5 | 5 | k. | k. | k. n. | S. W. | S. W. | S. W. | C | C | C | C. | C. | C.P.C. | .02 | ¼ | 150.6 | 67.2 | Fine Day. | 20 |
| 7 | 5 | 5 | c. k. n. | k. n. | k. n. | W. | N. | N. | C | C | C | C. | C. | C. | | | 155.2 | 65.6 | Fine Day. | 21 |
| 5 | 5 | 5 | k. n. | k. n. | k. n. | E. | N. E. | N. E. | C | C | C | C. | C. | C.P.C. | .02 | ¼ | 151.4 | 62.0 | Fine Day. | 22 |
| 6 | 4 | 5 | c. k. n. | c. k. | k. n. | N. E. | N. | N. | C | C | C | C. | C. | C. | | | 153.0 | 64.0 | Fine Day. | 23 |
| 7 | 5 | 6 | c. k. s. | c. k. | k. | N. E. | N. | N. | C | C | C | C. | C. | C. | | | 150.4 | 61.0 | Fine Day. | 24 |
| 4 | 4 | 5 | k. | k. | k. n. | N. | N. | N. | C | C | C | C. | C. | C. | | | 148.8 | 63.0 | Fine Day. | 25 |
| 4 | 4 | 7 | k. | k. | k. | S. W. | W. | W. | C | C | C | C. B. | B. C. | C. B. | | | 140.6 | 56.6 | Fine Day. | 26 |
| 2 | 3 | 3 | k. | k. | k. | N. W. | N. W. | N. W. | C | C | C | B. C. | C. | C. B. | .04 | ¼ | 154.4 | 61.6 | Fine Day. | 27 |
| 3 | 4 | 4 | c. k. | k. | k. n. | N. | N. | N. | C | C | C | B. C. | C. | C. | | | 152.8 | 60.8 | Fine Day. | 28 |
| 4 | 4 | 6 | k. | c. k. | k. | N. E. | N. E. | N. E. | C | C | C | C. | C. | C. | | | 153.4 | 62.0 | Fine Day. | 29 |
| 3 | 4 | 4 | c. k. | c. k. | k. | N. E. | N. E. | N. | C | C | C | C. | C. | C. | | | 161.4 | 59.0 | Fine Day. | 30 |
| 7 | 5 | 7 | c. k. n. | c. k. | k. | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 1.84 | 10½ | 4483.4 | 1855.2 | | Sums |
| 146 | 141 | 136 | | | | | | | | | | | | | .06 | | 149.4 | 61.8 | | Means |
| 5 | 5 | 5 | | | | | | | | | | | | | | | | | | |

## EXTREMES.

| | | |
|---|---|---|
| Highest corrected reading of Bar. | 30.145° | on 17th, at 8-41 a.m. |
| Lowest " " " | 29.817° | on 30th at 3.0 p.m. and 8.41 p m. |
| Greatest daily rainfall | .76 inch | on 10th. |
| Highest temperature in shade | 85.6° | on 22nd |
| Lowest " " " | 67.4° | on 18th. |
| Highest " " sun | 161.4° | on 30th. |
| Lowest " on grass | 53.8° | on 18th. |

## SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus, |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus |
| s. | Stratus. |
| ks. | Cumulo-stratus |
| n. | Nimbus. |

C. WARD, Qr. Mr. Sergt. R. A. M. C., Observer
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O. Bermuda

# Meteorological Observations taken at Pros

Gravity correction + .010 inch

| Fog a.m. 8.0 | Fog p.m. 4.0 | Sea Disturbance a.m. 8 0 | Sea Disturbance p.m. 4 0 | Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | AIR TEMPERATURE. Dry. I 8.41 a.m. | Dry. II 3.0 p.m. | Dry. III 8.41 p.m. | Max. 8.41 p.m. | Min. 8.41 a.m. | HUMIDITY. Dep. of Wet. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Vapour Pressure. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Percentage. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | WIND. Direction and Force. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Miles in 24 Hours 8 a.m. to 8 a.m. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 1 | 29.858 | 29.839 | 29.843 | 76.8 | 81.0 | 69.8 | 81.0 | 64.8 | 4.7 | 5.1 | 1.9 | .725 | .825 | .657 | 77 | 78 | 90 | N.E. 3 | E. 2 | E. 2 | 167 |
| 0 | 0 | 1 | 2 | 2 | 29.752 | 29.677 | 29.659 | 76.0 | 78.0 | 75.4 | 78.4 | 68.0 | 4.1 | 4.1 | 3.5 | .726 | .781 | .734 | 81 | 82 | 81 | S. 2 | S.W. 3 | S.W. 3 | 376 |
| 1 | 1 | 4 | 4 | 3 | 29.566 | 29.504 | 29.494 | 76.8 | 79.8 | 68.4 | 80.0 | 63.8 | 3.1 | 5.1 | 0.5 | .790 | .688 | .676 | 86 | 77 | 95 | S. 4 | S. 4 | S.W. 3 | 392 |
| 1 | 1 | 4 | 4 | 4 | 29.571 | 29.594 | 29.625 | 76.0 | 78.8 | 74.0 | 79.4 | 65.4 | 5.1 | 5.7 | 4.3 | .688 | .738 | .668 | 77 | 74 | 81 | W. 3 | S.W. 4 | S.W. 4 | 384 |
| 1 | 1 | 3 | 3 | 5 | 29.688 | 29.751 | 29.775 | 76.6 | 79.0 | 70.2 | 79.4 | 68.8 | 5.5 | 5.7 | 1.7 | .687 | .743 | .674 | 73 | 74 | 90 | S.W. 4 | S. 4 | S.W. 3 | 358 |
| 1 | 1 | 3 | 3 | 6 | 29.911 | 29.938 | 29.961 | 80.0 | 81.2 | 75.8 | 82.0 | 68.8 | 3.3 | 4.0 | 3.1 | .873 | .879 | .762 | 87 | 83 | 86 | S. 3 | S.E. 3 | S.E. 3 | 357 |
| 1 | 1 | 3 | 3 | 7 | 30.015 | 30.013 | 30.028 | 76.8 | 80.0 | 76.2 | 80.6 | 70.0 | 1.7 | 3.9 | 2.5 | .848 | .847 | .797 | 91 | 82 | 86 | S.E. 2 | S.E. 3 | S.E. 3 | 307 |
| 3 | 3 | 4 | 4 | 7 | 30.081 | 30.073 | 30.077 | 78.4 | 80.2 | 75.8 | 81.4 | 68.8 | 3.3 | 3.9 | 3.1 | .798 | .853 | .762 | 86 | 82 | 86 | S.E. 3 | S.E. 3 | S.E. 3 | 266 |
| 3 | 3 | 3 | 0 | 8 | 30.077 | 30.075 | 30.077 | 77.8 | 80.0 | 75.4 | 80.6 | 73.0 | 3.7 | 3.9 | 2.7 | .793 | .847 | .767 | 82 | 82 | 86 | S.E. 3 | S. 3 | S.E. 2 | 216 |
| 1 | 0 | 3 | 3 | 9 | 30.088 | 30.057 | 30.040 | 76.8 | 79.6 | 73.0 | 79.8 | 71.4 | 5.7 | 5.7 | 2.3 | .685 | .760 | .720 | 73 | 74 | 90 | S.E. 2 | S. 2 | Calm | 117 |
| 0 | 0 | 3 | 2 | 10 | 30.017 | 29.972 | 29.944 | 75.2 | 80.0 | 74.8 | 80.2 | 68.6 | 3.7 | 4.7 | 2.1 | .722 | .814 | .775 | 81 | 78 | 90 | W. 2 | W. 2 | N.W. 2 | 198 |
| 0 | 0 | 1 | 1 | 11 | 29.923 | 29.887 | 29.883 | 75.6 | 80.8 | 73.4 | 81.4 | 70.4 | 2.9 | 4.1 | 1.7 | .764 | .863 | .754 | 86 | 83 | 90 | N.W. 2 | N.W. 2 | Calm | 119 |
| 0 | 1 | 1 | 1 | 12 | 29.830 | 29.722 | 29.689 | 76.2 | 78.2 | 71.6 | 79.2 | 68.0 | 4.1 | 1.9 | 1.9 | .733 | .880 | .700 | 81 | 91 | 90 | S. 3 | S. 4 | S.W. 3 | 424 |
| 0 | 1 | 3 | 4 | 13 | 29.723 | 29.705 | 29.697 | 71.4 | 73.6 | 69.0 | 74.2 | 66.6 | 6.8 | 7.0 | 6.4 | .519 | .559 | .483 | 67 | 68 | 70 | N.W. 3 | N.W. 3 | N.W. 3 | 383 |
| 1 | 1 | 4 | 4 | 14 | 29.752 | 29.737 | 29.757 | 70.8 | 74.6 | 72.0 | 75.4 | 64.4 | 8.2 | 8.0 | 5.4 | .458 | .546 | .581 | 62 | 64 | 76 | N.W. 4 | W. 4 | W. 4 | 393 |
| 1 | 1 | 4 | 4 | 15 | 29.858 | 29.863 | 29.888 | 73.6 | 77.2 | 73.2 | 77.8 | 68.6 | 5.9 | 6.9 | 5.5 | .599 | .648 | .604 | 72 | 69 | 72 | W. 3 | S.W. 3 | S.W. 3 | 301 |
| 1 | 1 | 3 | 4 | 16 | 29.885 | 29.857 | 29.858 | 74.6 | 77.2 | 71.6 | 77.2 | 66.6 | 4.9 | 5.5 | 4.7 | .660 | .702 | .598 | 77 | 73 | 77 | S.W. 3 | N.W. 3 | N.W. 3 | 301 |
| 1 | 1 | 3 | 3 | 17 | 29.845 | 29.823 | 29.816 | 73.2 | 75.4 | 71.2 | 75.6 | 66.8 | 5.7 | 5.9 | 4.3 | .598 | .641 | .603 | 72 | 73 | 80 | N.W. 3 | N.W. 4 | N.W. 3 | 378 |
| 0 | 0 | 3 | 3 | 18 | 29.880 | 29.881 | 29.892 | 73.8 | 76.8 | 71.8 | 77.4 | 69.6 | 3.9 | 5.1 | 3.1 | .678 | .708 | .659 | 81 | 77 | 85 | N.W. 3 | N.W. 3 | N. 3 | 246 |
| 1 | 0 | 3 | 3 | 19 | 29.893 | 29.872 | 29.888 | 73.8 | 79.6 | 71.2 | 79.8 | 67.4 | 5.3 | 5.1 | 2.5 | .675 | .785 | .667 | 77 | 78 | 85 | N. 1 | N. 1 | N. 2 | 139 |
| 3 | 2 | 0 | 0 | 20 | 29.823 | 29.892 | 29.917 | 75.8 | 78.8 | 72.0 | 79.6 | 69.0 | 4.1 | 4.5 | 1.1 | .721 | .786 | .737 | 81 | 78 | 95 | S.W. 3 | S. 3 | N. 2 | 278 |
| 1 | 1 | 3 | 3 | 21 | 30.003 | 30.017 | 30.035 | 74.8 | 77.6 | 71.4 | 78.4 | 68.0 | 4.5 | 6.1 | 3.7 | .680 | .690 | .629 | 77 | 73 | 80 | N. 3 | N. 3 | N. 2 | 209 |
| 1 | 0 | 3 | 2 | 22 | 30.103 | 30.089 | 30.098 | 69.4 | 76.0 | 72.6 | 76.2 | 68.0 | 0.7 | 2.3 | 2.5 | .692 | .800 | .702 | 95 | 91 | 90 | E. 2 | N.E. 3 | N.E. 2 | 185 |
| 1 | 1 | 4 | 3 | 23 | 30.075 | 30.048 | 30.033 | 76.8 | 79.4 | 71.6 | 79.8 | 68.0 | 4.5 | 5.9 | 2.9 | .732 | .746 | .662 | 77 | 74 | 85 | E. 2 | E. 2 | E. 2 | 187 |
| 0 | 0 | 3 | 3 | 24 | 29.944 | 29.898 | 29,894 | 76.8 | 80.0 | 74.2 | 80.4 | 70.0 | 4.1 | 5.3 | 2.1 | .749 | .788 | .759 | 82 | 78 | 90 | S.E. 3 | E. 3 | E. 3 | 299 |
| 0 | 0 | 3 | 3 | 25 | 29.859 | 29.845 | 29.845 | 78.0 | 78.0 | 74.8 | 78.2 | 69.4 | 4.1 | 4.1 | 2.9 | .781 | .781 | .742 | 82 | 82 | 86 | S. 4 | S. 4 | S. 3 | 327 |
| 1 | 1 | 3 | 3 | 26 | 29.933 | 29.975 | 30.011 | 75.2 | 78.0 | 70.4 | 78.8 | 69.0 | 2.5 | 4.1 | 1.7 | .769 | .781 | .678 | 90 | 82 | 90 | N.W. 3 | N. 3 | N. 2 | 328 |
| 0 | 0 | 3 | 3 | 27 | 30.073 | 30.062 | 30.077 | 75.6 | 80.0 | 72.0 | 80.4 | 67.4 | 4.9 | 5.7 | 2.5 | .685 | .771 | .687 | 71 | 74 | 90 | N. 1 | E. 2 | E. 2 | 145 |
| 0 | 0 | 0 | 0 | 28 | 30.075 | 30.025 | 30.027 | 75.8 | 77.8 | 74.0 | 79.0 | 68.6 | 3.7 | 2.5 | 1.1 | .738 | .843 | .794 | 81 | 91 | 95 | S.E. 2 | S.E. 3 | S.E. 2 | 268 |
| 0 | 3 | 3 | 3 | 29 | 30.067 | 30.066 | 30.052 | 76.2 | 78.8 | 74.8 | 79.6 | 68.6 | 2.5 | 2.7 | 1.9 | .797 | .862 | .783 | 91 | 86 | 90 | S.W. 4 | S.W. 4 | W. 3 | 35° |
| 1 | 1 | 3 | 3 | 30 | 29.967 | 29.939 | 29.936 | 76.2 | 78.8 | 74.8 | 76.6 | 69.0 | 3.3 | 1.5 | 0.7 | .681 | .827 | .732 | 85 | 95 | 95 | N.E. 3 | N.E. 1 | N.E. 1 | 290 |
| 1 | 2 | 3 | 0 | 31 | 30.100 | 30.066 | 30.052 | 76.0 | 78.0 | 75.0 | 76.6 | 69.0 | 3.3 | 1.5 | 0.7 | .681 | .827 | .732 | 85 | 95 | 95 | N.E. 3 | N.E. 1 | N.E. 1 | 290 |
| | | | | Sums | 927.168 | 926.698 | 925.816 | 2342.6 | 2433.4 | 2256.6 | 2447.8 | 2114.8 | 130.5 | 126.0 | 86.3 | 22.044 | 23.782 | 21.546 | 2481 | 2446 | 2652 | 86 | 91 | 76 | 8588 |
| | | | | Means | 29.909 | 29.893 | 29.897 | 75.6 | 78.5 | 72.8 | 79.0 | 68.3 | 4.2 | 4.1 | 2.8 | .711 | .765 | .696 | 80 | 79 | 86 | 3 | 3 | 2 | 277 |

**DEFINITIONS**

FOG

0. No Fog
1. Light Fog or mist
2. Moderate Fog
3. Thick Fog
4. Thick Fog
5. Thick Fog

SEA

0. Calm
1. Smooth
2. Slight to moderate
3. Rough to Very Rough
4. High to Very High
5. Phenomenal
6. Phenomenal
7. Phenomenal
8. Phenomenal
9. Phenomenal
10. Phenomenal

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers. 8 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 119 feet.

**WEATHER.**

No. of Days of

| Rain | Snow | Hail. | Thunderstorm | Clear Sky. | Overcast. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 22 | | | 2 | 3 | | | | |

**WIND.**

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. |
|---|---|---|---|---|---|---|---|---|---|
| 15 | 2 | 11 | 6 | 10 | 15 | 18 | 14 | 7 | 15 |

HOURS OF OBSERVATION I—8.41 a. m. local time
II—3.0 p. m. " "
III—8.41 p.m. " "

# pect, at Bermuda, during October, 1913

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39 West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacuo. | Minimum on Grass. | REMARKS. | |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 4 | 4 | 1 | c. k. | c. k. | c. | N. E. | E. | E. | C | C | B | C.O.R.O.C. | C. | C. B. | .14 | 1½ | 158.6 | 59.6 | Fine Day. | 1 |
| 7 | 6 | 9 | c. k. | k. n. | k. n. | S. | S. W. | S. W. | C | C | O | B.C.O.R.O.C. | C. | C. O. | .16 | 2 | 145.4 | 57.8 | Cloudy Day. | 2 |
| 10 | 8 | 6 | k. n. | k. n. | k. n. | S. | S.W. | S. W. | C | C | C | O. R. O. | O. | O.R.O.C. | .26 | 1½ | 148.6 | 57.6 | Dull Day. | 3 |
| 4 | 5 | 3 | k. | c. k. | c. k. | S. W. | W. | S. W. | C | C | C | C.O.R.O.C. | C. | C. | .14 | 1½ | 145.0 | 60.8 | Fine Day. | 4 |
| 2 | 4 | 7 | k. | k. r. | k. n. | S. W. | S. W. | S. W. | B | C | C | C. B. | B. C. | C. P. C. | .02 | ¼ | 145.4 | 61.0 | Fine Day. | 5 |
| 5 | 4 | 2 | c. k. | c. k. | c. | S. | S. E. | S. E. | C | C | B | C. P. C. | C. | C. B. | .02 | ¼ | 147.8 | 63.0 | Fine Day. | 6 |
| 6 | 6 | 7 | c. k. | k. n. | k. n. | S. E. | S. E. | S. E. | C | C | C | B.C.R.C. | C. | C. R. C. | 1.04 | 6 | 145.0 | 66.6 | Showery Day. | 7 |
| 4 | 3 | 2 | c. k. | k. | k. | S. E. | S. E. | S. E. | C | C | B | C. P. C. | C. | C. B. | .02 | ¼ | 146.8 | 65.4 | Fine Day. | 8 |
| 6 | 5 | 3 | c. k. n. | c. k. | k. | S. E. | S. E. | S.E. | C | C | C | B. C. | C. | C. | | | 148.8 | 66.4 | Fine Day. | 9 |
| 1 | 2 | 1 | k. | c. k. | k. | S. E. | S. W. | S. | B | B | B | C. B. | B. | B. | | | 148.8 | 62.6 | Fine Day. | 10 |
| 4 | 5 | 4 | k. | c. k. | k. n. | S. W. | W. | W. | C | C | C | B. C. | C. | C. | | | 148.4 | 58.0 | Fine Day. | 11 |
| 4 | 4 | 2 | c. k. | c. k. | c. k. | N. W. | N. W. | N. W. | C | C | B | C. R. C. | C. | C.P.C.B. | .06 | 1¼ | 154.4 | 64.0 | Fine Day. | 12 |
| 7 | 8 | 10 | c. k. s. | k. n. | n. | S. | S. | S. W. | C | O | R | B. C. | C. O. | O. R. | .38 | 2½ | 141.6 | 61.4 | Dull Day. | 13 |
| 4 | 4 | 4 | k. | k. | k. | N. W. | N. W. | W. | C | C | C | F. O. C. | C. | C. | .36 | 3½ | 142.4 | 59.6 | Fine Day. | 14 |
| 3 | 4 | 2 | k. | k. | k. | N. W. | W. | W. | C | C | B | C. P. C. | C. | C. B. | .02 | ¼ | 141.4 | 56.0 | Fine Day. | 15 |
| 6 | 4 | 6 | k. n. | k. | k. n. | W. | S. W. | S. W. | C | C | C | B. C. | C. | C. | | | 139.8 | 60.0 | Fine Day. | 16 |
| 7 | 4 | 3 | c. k. n. | k. | k. | S. W. | N. W. | N. W. | C | C | C | C.O.R.O.C. | C. | C. | .10 | 1 | 141.8 | 59.0 | Fine Day. | 17 |
| 3 | 6 | 4 | k. | c. k. | k. n. | N. W. | N. W. | W. | C | C | C | C. | C. | C. | | | 142.8 | 59.0 | Fine Day. | 18 |
| 2 | 2 | 2 | k. | c. k. | c. k. | N. W. | N. | W. | B | B | B | B. | B. | B. | | | 143.4 | 61.0 | Fine Day. | 19 |
| 5 | 6 | 0 | c. k. | c. k. | — | N. | N. | — | C | O | B | B. C. | C. | C. B. | | | 140.6 | 55.6 | Fine Day. | 20 |
| 6 | 8 | 10 | c. k. | c. k. | k. n. | S. W. | S. W. | N. | C | O | O | B. C. | C. O. | O. R. O. | .08 | 1¼ | 142.4 | 58.6 | Fine a.m. Dull p.m. | 21 |
| 3 | 6 | 5 | c. k. | k. n. | k. | N. | N. | N. | C | O | C | O. C. | C. | C. | .02 | ¼ | 150.0 | 60.0 | Fine Day. | 22 |
| 10 | 8 | 4 | k. n. | k. n. | k. n. | E. | N. E. | N. E. | R | C | C | C. O. R. | R. O. C. | C. | .28 | 1¾ | 138.2 | 60.4 | Dull Day. | 23 |
| 4 | 4 | 2 | k. | k. | k. | E. | E. | E. | C | C | C | C. | C.O.R.C. | C. | .12 | ½ | 150.0 | 61.0 | Fine Day. | 24 |
| 5 | 5 | 2 | k. n. | k. | k. | E. | S. E. | E. | C | C | B | C. | C. | B. | .02 | ¼ | 147.6 | 61.2 | Fine Day. | 25 |
| 7 | 8 | 8 | k. n. | k. n. | k. n. | S. | S. | S. | C | O | O | B. C. | C. O. | O. | .40 | 4 | 134.0 | 65.4 | Wet Day. | 26 |
| 3 | 3 | 1 | k. | c. k. | k. | N. W. | N. | N. | C | C | B | O. C. | C. | C. B. | .18 | 2 | 145.2 | 64.8 | Fine Day. | 27 |
| 2 | 2 | 1 | c. k. s. | c. k. | k. | N. | E. | N. E. | B | B | B | B. | B. | B. | | | 153.4 | 56.6 | Fine Day. | 28 |
| 8 | 10 | 7 | k. s. | n. | k. n. | S. E. | S. | S. | O | R | C | B. C. O. | O. R. | R. O. C. | .22 | 3 | 139.6 | 60.0 | Dull a.m. Wet p.m. | 29 |
| 5 | 8 | 9 | k. n. | k. .n | k. n. | S. W. | S. W. | W. | C | O | O | C. | C. O. | O. | | | 141.6 | 66.0 | Dull Day. | 30 |
| 6 | 10 | 10 | c. k. n. | n. | n. | N. E. | N. E. | N. E. | C | R | O | O.R.O.C. | C. O. R. | R. O. | .18 | 2 | 125.8 | 64.0 | Dull Day. | 31 |
| 153 | 166 | 137 | | | | | | | | | | | | | 4.22 | 36¾ | 4484.6 | 1892.4 | | Sums |
| 5 | 5 | 4 | | | | | | | | | | | | | .14 | | 144.6 | 61.0 | | Means |

### EXTREMES.

| | | |
|---|---|---|
| Highest corrected reading of Bar. | 30.103° | on 23rd, at 8-41 a.m. |
| Lowest " " " | 29.494° | on 3rd, at 8.41 p.m. |
| Greatest daily rainfall | 1.04 inches | on 7th. |
| Highest temperature in shade | 83.0° | on 6th. |
| Lowest " " " | 63.8° | on 8rd. |
| Highest " " sun | 158.6° | on 1st. |
| Lowest " on grass | 55 6° | on 20th. |

### SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus. |
| k. | Cumulus, |
| ck. | Cirro-cumulus. |
| cs. | Cirro-stratus |
| s. | Stratus. |
| ks. | Cumulo-stratus |
| n. | Nimbus. |

C. WARD, Qr. Mr.-Sergt. R. A. M. C., Observer
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O. Bermuda

# Meteorological Observations taken at Pros

Gravity correction + .010 inch

| Fog a.m. 8.0 | Fog p.m. 4.0 | Sea Disturbance a.m. 8 0 | Sea Disturbance p.m. 4.0 | Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | AIR TEMPERATURE. Dry. I 8.41 a.m. | Dry. II 3.0 p.m. | Dry. III 8.41 p.m. | Max. 8.41 p.m. | Min. 8.41 a.m. | HUMIDITY. Dep. of Wet. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Vapour Pressure. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Percentage. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | WIND. Direction and Force. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Miles in 24 Hours 8 a.m. to 8 a.m. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 3 | 2 | 1 | 30.001 | 29.979 | 30.026 | 67.2 | 69.8 | 69.0 | 71.6 | 63.0 | 4.6 | 5.6 | 4.8 | .506 | .525 | .637 | 74 | 70 | 75 | N. 3 | N. 3 | N.E. 3 | 298 |
| 0 | 0 | 3 | 3 | 2 | 30.091 | 30.099 | 30.111 | 68.0 | 69.6 | 65.2 | 70.2 | 63.0 | 5.4 | 6.0 | 6.8 | .496 | .488 | .406 | 74 | 70 | 63 | N. 3 | N.E. 3 | N.E. 3 | 242 |
| 0 | 1 | 3 | 3 | 3 | 30.142 | 30.113 | 30.107 | 66.6 | 71.4 | 69.8 | 72.2 | 62.0 | 4.0 | 5.8 | 3.4 | .514 | .553 | .603 | 79 | 71 | 85 | N.E. 2 | E. 2 | E. 3 | 227 |
| 1 | 1 | 3 | 2 | 4 | 30.043 | 29.980 | 29.953 | 72.8 | 76.4 | 70.0 | 77.0 | 65.6 | 5.9 | 6.7 | 3.6 | .581 | .636 | .560 | 72 | 69 | 80 | E. 3 | S.E. 3 | S.E. 2 | 146 |
| 0 | 0 | 3 | 3 | 5 | 29.913 | 29.940 | 29.965 | 74.8 | 76.8 | 70.2 | 77.4 | 66.8 | 5.1 | 4.7 | 4.6 | .657 | .725 | .569 | 77 | 77 | 75 | S.E. 2 | N.E. 3 | N.E. 3 | 293 |
| 2 | 4 | 4 | 4 | 6 | 30.050 | 30.016 | 29.988 | 69.8 | 69.8 | 69.8 | 70.2 | 66.8 | 3.4 | 1.3 | 1.1 | .612 | .704 | .663 | 85 | 85 | 95 | N.E. 3 | E. 3 | E. 4 | 344 |
| 2 | 5 | 4 | 4 | 7 | 29.928 | 29.866 | 29.830 | 70.2 | 70.8 | 68.8 | 71.6 | 63.8 | 3.4 | 3.4 | 3.2 | .603 | .603 | .610 | 85 | 85 | 95 | E. 3 | S.E. 3 | S.E. 3 | 222 |
| 0 | 0 | 3 | 3 | 8 | 29.723 | 29.683 | 29.673 | 72.6 | 76.4 | 69.0 | 77.4 | 64.2 | 4.1 | 3.9 | 1.9 | .726 | .746 | .734 | 90 | 82 | 90 | S.E. 1 | W. 2 | W. 2 | 153 |
| 0 | 0 | 4 | 3 | 9 | 29.678 | 29.697 | 29.728 | 74.0 | 76.4 | 72.2 | 77.4 | 67.2 | 4.1 | 3.9 | 1.5 | .676 | .746 | .731 | 81 | 82 | 90 | S.W. 3 | S. 4 | S. 4 | 403 |
| 3 | 2 | 3 | 3 | 10 | 29.810 | 29.867 | 29.891 | 76.6 | 77.6 | 73.0 | 77.6 | 68.8 | 1.9 | 1.9 | 2.1 | .834 | .862 | .728 | 91 | 91 | 90 | S. 4 | S.W. 3 | S. 3 | 252 |
| 1 | 1 | 3 | 3 | 11 | 29.934 | 29.921 | 29.902 | 68.0 | 71.8 | 68.8 | 74.0 | 66.0 | 2.2 | 2.3 | 2.2 | .606 | .690 | .623 | 89 | 90 | 90 | S.W. 1 | S.W. 2 | N.W. 1 | 146 |
| 1 | 1 | 3 | 3 | 12 | 29.893 | 29.888 | 29.916 | 68.0 | 71.8 | 64.6 | 73.8 | 60.2 | 4.4 | 5.2 | 3.2 | .529 | .583 | .502 | 79 | 76 | 83 | N.W. 3 | N. 3 | N. 5 | 549 |
| 1 | 4 | 3 | 5 | 13 | 30.028 | 30.004 | 29.906 | 67.0 | 69.8 | 66.0 | 70.8 | 60.2 | 6.4 | 6.8 | 5.4 | .444 | .485 | .457 | 69 | 66 | 73 | N. 5 | N. 4 | N. 4 | 546 |
| 0 | 0 | 3 | 3 | 14 | 30.025 | 30.003 | 29.991 | 69.4 | 71.8 | 68.0 | 72.0 | 64.6 | 5.6 | 6.2 | 4.4 | .517 | .547 | .529 | 70 | 71 | 79 | N. 4 | N. 4 | N. 4 | 431 |
| 1 | 2 | 3 | 4 | 15 | 30.008 | 30.003 | 30.016 | 71.2 | 75.0 | 68.4 | 75.4 | 65.4 | 4.6 | 6.3 | 2.6 | .592 | .554 | .528 | 76 | 72 | 85 | N.W. 4 | N.W. 3 | N. 3 | 321 |
| 0 | 0 | 3 | 3 | 16 | 30.077 | 30.038 | 30.025 | 70.0 | 72.4 | 65.6 | 74.0 | 61.8 | 5.0 | 6.4 | 3.0 | .550 | .663 | .629 | 75 | 71 | 84 | N. 2 | N. 1 | S.E. 2 | 150 |
| 0 | 1 | 3 | 4 | 17 | 29.911 | 29.798 | 29.752 | 70.2 | 73.2 | 71.4 | 73.4 | 64.0 | 3.6 | 3.9 | 3.7 | .605 | .663 | .614 | 80 | 81 | 80 | S. 4 | S.W. 4 | S.W. 4 | 372 |
| 2 | 4 | 3 | 4 | 18 | 29.746 | 29.730 | 29.791 | 67.0 | 68.4 | 67.4 | 72.0 | 62.6 | 1.2 | 2.8 | 1.6 | .619 | .594 | .614 | 95 | 85 | 89 | N.W. 3 | N.W. 5 | N. 5 | 568 |
| 1 | 2 | 3 | 3 | 19 | 29.914 | 29.951 | 29.971 | 71.0 | 72.6 | 66.0 | 73.0 | 62.6 | 2.3 | 2.1 | 0.4 | .670 | .718 | .625 | 90 | 90 | 100 | N. 3 | N. 4 | N. 3 | 390 |
| 1 | 1 | 3 | 2 | 20 | 30.021 | 30.013 | 30.013 | 68.6 | 72.2 | 66.6 | 72.6 | 64.0 | 2.0 | 4.3 | 1.8 | .626 | .625 | .590 | 90 | 80 | 89 | N.E. 2 | N. 3 | N. 2 | 185 |
| 1 | 0 | 3 | 2 | 21 | 30.055 | 30.064 | 30.082 | 69.4 | 73.4 | 69.0 | 74.0 | 64.0 | 3.8 | 5.3 | 1.7 | .560 | .616 | .646 | 80 | 76 | 89 | N. 2 | N. 3 | N. 3 | 233 |
| 0 | 0 | 2 | 2 | 22 | 30.120 | 30.088 | 30.097 | 70.8 | 73.8 | 65.2 | 74.8 | 63.4 | 4.2 | 5.1 | 2.4 | .597 | .633 | .540 | 80 | 76 | 84 | N.E. 3 | N.E. 3 | N.E. 3 | 203 |
| 0 | 0 | 2 | 2 | 23 | 30.055 | 29.988 | 29.967 | 69.8 | 73.4 | 68.0 | 74.4 | 62.8 | 4.4 | 5.3 | 3.0 | .568 | .616 | .577 | 80 | 76 | 84 | N.E. 2 | E. 2 | N.E. 2 | 138 |
| 0 | 0 | 1 | 2 | 24 | 29.865 | 29.741 | 29.691 | 68.8 | 71.2 | 69.0 | 72.8 | 64.0 | 2.2 | 2.9 | 2.2 | .623 | .653 | .606 | 90 | 85 | 89 | S. 1 | W. 3 | S.W. 4 | 501 |
| 2 | 2 | 5 | 5 | 25 | 29.712 | 29.812 | 29.895 | 60.8 | 64.0 | 60.2 | 70.4 | 51.0 | 5.5 | 5.6 | 4.1 | .365 | .415 | .397 | 66 | 67 | 76 | N.W. 6 | N.W. 6 | N.W. 6 | 761 |
| 1 | 0 | 3 | 3 | 26 | 30.051 | 30.043 | 30.094 | 62.6 | 66.4 | 61.8 | 68.0 | 51.0 | 4.4 | 6.8 | 3.4 | .427 | .421 | .445 | 77 | 64 | 82 | N. 4 | N. 3 | N. 2 | 263 |
| 0 | 2 | 3 | 3 | 27 | 30.107 | 30.048 | 30.079 | 66.6 | 63.6 | 63.6 | 70.8 | 59.4 | 5.0 | 1.0 | 2.2 | .481 | .554 | .515 | 74 | 94 | 89 | W. 2 | N.W. 2 | N. 3 | 312 |
| 0 | 0 | 4 | 3 | 28 | 30.176 | 30.160 | 30.154 | 64.6 | 67.4 | 62.2 | 68.6 | 59.2 | 5.8 | 5.4 | 1.6 | .420 | .484 | .508 | 68 | 74 | 89 | N.E. 4 | N.E. 4 | N.E. 4 | 357 |
| 0 | 0 | 4 | 3 | 29 | 30.178 | 30.099 | 30.095 | 64.4 | 68.6 | 62.2 | 69.8 | 58.4 | 2.8 | 4.8 | 2.6 | .511 | .530 | .476 | 84 | 75 | 83 | N.E. 3 | N.E. 3 | N.E. 1 | 180 |
| 0 | 2 | 3 | 5 | 30 | 29.892 | 29.769 | 29.712 | 63.6 | 68.0 | 63.8 | 69.4 | 58.6 | 1.0 | 5.0 | 5.0 | .554 | .509 | .430 | 94 | 74 | 73 | S.W. 3 | N.W. 4 | N.W. 5 | 620 |
| | | | | Sums | 899.147 | 898.401 | 898.421 | 2064.4 | 2143.8 | 2014.8 | 2186.6 | 1874.4 | 116.1 | 136.7 | 89.5 | 17.069 | 18.094 | 17.079 | 2414 | 2335 | 2524 | 88 | 95 | 96 | 9806 |
| | | | | Means | 29.972 | 29.947 | 29.947 | 68.8 | 71.5 | 67.2 | 72.9 | 62.5 | 3.9 | 4.6 | 3.0 | .569 | .603 | .569 | 80 | 78 | 84 | 3 | 3 | 3 | 327 |

## DEFINITIONS

FOG

0. No Fog
1. Light Fog or mist
2. } Moderate Fog
3. }
4. } Thick Fog
5. }

SEA

0. Calm
1. } Smooth
2. }
3. } Slight to moderate
4. }
5. } Rough to Very Rough
6. }
7. } High to Very High
8. }
9. } Phenomenal
10 }

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers, 3 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

## WEATHER.

No. of Days of

| Rain | Snow | Hail. | Thunder-storm | Clear Sky. | Overc'st. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 20 | | | 2 | 1 | 5 | | 1 | |

## WIND.

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S. E. | S. | S.W. | W. | N. W. |
|---|---|---|---|---|---|---|---|---|---|
| 28 | | 27 | 19 | 7 | 7 | 6 | 8 | 4 | 12 |

HOURS OF OBSERVATION I—8.41 a. m. local time
II—3.0 p. m. " "
III—8.41 p.m. " "

# pect, at Bermuda, during November, 1913

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39 West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. Inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacuo. | Minimum on Grass. | REMARKS. | |
| I | II | III | I | II | III | I | II | III | II | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 10 | 10 | 10 | k. s. | k. | k. n. | N. | N. | N.E. | O | O | O | O.R.O. | O. | O. | 2.50 | 6 | 98.4 | 57.6 | Dull Day. | 1 |
| 7 | 6 | 4 | c.k.s. | c.k. | k. | N. | N. | N.E. | C | C | O | O.C. | C. | C. | | | 124.4 | 58.6 | Fine Day. | 2 |
| 7 | 7 | 10 | k.s. | c.k. | k.n. | N.E. | E. | E. | C | C | O | C. | C. | C.O. | | | 100.2 | 48.0 | Cloudy Day. | 3 |
| 7 | 6 | 5 | c.k. | c.k. | k. | E. | S.E. | S.E. | C | C | O | O.C. | C. | C. | | | 143.4 | 58.0 | Fine Day. | 4 |
| 7 | 5 | 4 | c.k.s. | c.k. | k.n. | S.E. | N.E. | N. | C | C | O | C. | C. | C.R.C. | .06 | ½ | 141.8 | 56.0 | Fine Day. | 5 |
| 10 | 10 | 10 | k.n. | k.n. | k.n. | N.E. | E. | E. | O | R | O | C.O. | O.R. | R.O. | .08 | 2 | 79.0 | 59.0 | Dull Day. | 6 |
| 9 | 10 | 10 | k.n. | n. | k.n. | E. | S.E. | E. | O | R | R | O.R.O. | O.R. | R. | 3.62 | 10 | 95.4 | 59.4 | Wet Day. | 7 |
| 4 | 4 | 1 | c.k. | c.k.s. | k. | S.E. | E. | S.W. | C | C | B | R.O.C. | C. | C.B. | .14 | 2 | 141.0 | 57.6 | Fine Day. | 8 |
| 1 | 4 | 10 | k. | c.k. | k.n. | S.W. | S.W. | S. | B | C | O | B.C.P.C.B. | B.C. | C.O. | .02 | ½ | 140.8 | 58.8 | Fine Day. | 9 |
| 10 | 10 | 8 | k.n. | k.n. | c.k. k.n. | S. | S.W. | S. | O | R | O | O. | O.R. | R.O. | .96 | 7 | 97.0 | 66.0 | Wet Day. | 10 |
| 9 | 8 | 10 | k.n.s. | k.n. | k.n. | S.W. | S.W. | N.W. | O | O | O | O.R.O. | O.R.O. | O.R.O. | .96 | 9 | 91.0 | 62.8 | Wet Day. | 11 |
| 7 | 10 | 9 | c.k.n. | n. | k.n. | N.W. | N.W. | N. | C | R | O | O.C. | C.O.R. | R.O. | .34 | 3 | 139.6 | 56.4 | Fine a.m. Wet p.m. | 12 |
| 3 | 4 | 3 | k. | c.k. | k. | N. | N. | N.E. | C | C | O | O.R.O.C. | C. | C. | .20 | 2 | 137.8 | 55.4 | Fine Day. | 13 |
| 4 | 4 | 8 | k. | k. | k.n. | N. | N. | N. | C | C | O | C. | C. | C.O. | | | 138.2 | 55 8 | Fine Day. | 14 |
| 5 | 4 | 3 | c.k. | c.k. | k. | N.W. | N.W. | N. | C | C | C | O.C. | C. | C.R.C. | .04 | ½ | 139.4 | 58.0 | Fine Day. | 15 |
| 3 | 4 | 2 | c.k. | c.k. | k. | N. | N. | S.E. | C | C | B | C. | C. | C.B. | | | 136.8 | 49.0 | Fine Day. | 16 |
| 7 | 6 | 8 | c.k. | c.k.n. | k.n. | S. | S.W. | W. | C | C | O | B.C. | C. | C.O. | | | 138.6 | 54.0 | Fine Day. | 17 |
| 7 | 6 | 3 | k.n. | k.n. | n. | N.W. | N.W. | N. | C | C | C | O.R.O.C. | C.R.C. | C.R.C. | 1.08 | 5¼ | 132.2 | 54.8 | Stormy Day. | 18 |
| 3 | 9 | 10 | k. | k.n. | n. | N. | N. | N.W. | C | O | R | C.R.C. | C.R.O. | O.R. | .24 | 4 | 145.4 | 59.0 | Showery Day. | 19 |
| 7 | 6 | 6 | k.s. | k. | k. | N.E. | N. | N. | C | C | B | R.O.C. | C. | C. | .10 | 1¼ | 135.2 | 60.0 | Fine Day. | 20 |
| 6 | 2 | 2 | c.k.s. | c.k. | k. | N. | N. | N. | C | C | B | C. | C. | C.B. | | | 134.6 | 55.0 | Fine Day. | 21 |
| 2 | 2 | 1 | k. | k. | k. | N. | N.E. | N. | B | B | B | B. | B. | B. | | | 136.0 | 57.2 | Fine Day. | 22 |
| 2 | 6 | 9 | k. | k.n. | k.n. | N.E. | N.E. | N. | B | C | O | B. | B.C. | C.O. | | | 137.6 | 53.2 | Fine Day. | 23 |
| 7 | 6 | 6 | k.n. | k.n. | k. | S. | S.W. | S.W. | C | C | C | O.C. | C. | C. | | | 136.6 | 54 2 | Fine Day. | 24 |
| 7 | 9 | 7 | k.n. | k.n. | k.n. | N.W. | N.W. | N.W. | C | C | C | C.R.C. | C.O.R.O. | O.R.O.C. | .24 | 3½ | 126.0 | 49.6 | Squally Day. Mod gale all day. | 25 |
| 7 | 5 | 3 | k.n. | k. | k. | N. | N. | N. | C | C | C | C.P.C. | C. | C. | .02 | ¼ | 139.0 | 48.0 | Fine Day. | 26 |
| 3 | 10 | 4 | k. | k.n. | k.n. | N.W. | N.W. | N. | C | R | C | C. | C.O.R. | R.O.C. | .20 | 1½ | 136.2 | 47.0 | Showery Day. | 27 |
| 5 | 5 | 3 | k.n. | k. | k. | N.E. | N.E. | N.E. | C | C | C | C.O.R.O.C. | C. | C. | .40 | 2 | 136.4 | 53.6 | Fine Day. | 28 |
| 6 | 4 | 4 | k.n. | k. | k. | N.E. | N.E. | N.E. | C | C | C | C.P.C. | C. | C. | .04 | ¼ | 132.6 | 51.0 | Fine Day. | 29 |
| 9 | 6 | 9 | k.n. | k.n. | n. | S.W. | N.W. | N.W. | O | C | R | C.O.P.O. | O.R.O.C. | C.O.R. | .12 | 1¼ | 126.8 | 46.0 | Showery Day. | 30 |
| 181 | 188 | 182 | | | | | | | | | | | | | 11.36 | 63 | 3837.4 | 1659.0 | | Sums |
| 6 | 6 | 6 | | | | | | | | | | | | | .38 | | 127.9 | 55.3 | | Means |

### EXTREMES.

| | |
|---|---|
| Highest corrected reading of Bar. | 30.178° on 29 th. at 8-41 a.m. |
| Lowest " " " | 29.673° on 8 th. at 8.41 p.m. |
| Greatest daily rainfall | 3.62 inches on 7th. |
| Highest temperature in shade | 77.6° on 10th. |
| Lowest " " " | 51.0° on 25th. and 26th. |
| Highest " " sun | 145.4° on 19th |
| Lowest " on grass | 46.0° on 30th. |

### SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus |
| k. | Cumulus |
| ck. | Cirro-cumulus |
| cs. | Cirro-stratus |
| s. | Stratus |
| ks. | Cumulo-stratus |
| n. | Nimbus |

C. WARD, Qr. Mr. Sergt. R. A. M. C., Observer
R. H. HALL, Lieut. Col. R. A. M. C. S. M. O. Bermuda

# Meteorological Observations taken at Pros

Gravity correction + .010 inch

| Fog a.m. 8.0 | Fog p.m. 4.0 | Sea Disturbance a.m. 8 0 | Sea Disturbance p.m. 4 0 | Date. | BAROMETER. Corrected for index error and Gravity and reduced to 32° F. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | AIR TEMPERATURE. Dry. I 8.41 a.m. | Dry. II 3.0 p.m. | Dry. III 8.41 p.m. | Max. 8.41 p.m. | Min. 8.41 a.m. | HUMIDITY. Dep. of Wet. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Vapour Pressure. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Percentage. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | WIND. Direction and Force. I 8.41 a.m. | II 3.0 p.m. | III 8.41 p.m. | Miles in 24 Hours 8 a.m. to 8 a.m. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 5 | 5 | 5 | 1 | 29.508 | 29.701 | 29.729 | 66.0 | 68.4 | 65.6 | 70.2 | 58.4 | 2.4 | 4.2 | 3.0 | .556 | .544 | .528 | 89 | 79 | 84 | N. 5 | N.E. 6 | N.E. 6 | 782 |
| 0 | 0 | 5 | 5 | 2 | 29.849 | 29.799 | 29.783 | 65.2 | 68.6 | 63.8 | 70.2 | 60.2 | 5.4 | 6.6 | 4.2 | .442 | .468 | .455 | 73 | 65 | 78 | N.E. 4 | N. 4 | N. 4 | 534 |
| 1 | 0 | 5 | 5 | 3 | 29.696 | 29.688 | 29.677 | 63.6 | 67.0 | 61.8 | 68.0 | 54.4 | 4.0 | 5.0 | 3.0 | .458 | .489 | .457 | 78 | 74 | 83 | N. 4 | N. 4 | N.W. 3 | 339 |
| 1 | 1 | 4 | 3 | 4 | 29.621 | 29.609 | 29.622 | 65.6 | 67.6 | 62.6 | 68.2 | 57.4 | 3.0 | 4.0 | 4.0 | .528 | .534 | .439 | 84 | 79 | 78 | N.W. 3 | N.W. 3 | N.W. 3 | 338 |
| 0 | 1 | 4 | 4 | 5 | 29.876 | 29.685 | 29.717 | 64.6 | 68.6 | 66.2 | 69.0 | 60.4 | 5.0 | 6.0 | 3.8 | .444 | .488 | .514 | 73 | 70 | 79 | N.W. 4 | W. 4 | W. 3 | 388 |
| 1 | 2 | 3 | 4 | 6 | 29.861 | 29.929 | 29.977 | 68.4 | 71.4 | 66.6 | 72.6 | 61.0 | 3.2 | 4.8 | 1.6 | .578 | .590 | .596 | 84 | 76 | 89 | N.W. 3 | W. 3 | N.W. 3 | 212 |
| 1 | 1 | 2 | 2 | 7 | 30.093 | 30.043 | 30.027 | 67.8 | 71.4 | 68.6 | 71.8 | 61.6 | 3.2 | 4.3 | 3.0 | .566 | .606 | .590 | 84 | 80 | 85 | N.W. 2 | S. 3 | S. 3 | 401 |
| 1 | 1 | 5 | 5 | 8 | 29.920 | 29.841 | 29.807 | 70.2 | 70.8 | 65.8 | 71.8 | 61.2 | 3.6 | 2.3 | 0.2 | .605 | .666 | .627 | 80 | 90 | 100 | S.W. 4 | S.W. 5 | S.W. 3 | 584 |
| 2 | 1 | 4 | 3 | 9 | 29.967 | 29.998 | 30.013 | 60.4 | 66.4 | 62.4 | 68.0 | 59.0 | 3.6 | 6.2 | 5.4 | .414 | .439 | .394 | 77 | 68 | 72 | N.W. 4 | N.W. 3 | N.W. 3 | 284 |
| 0 | 0 | 3 | 3 | 10 | 30.025 | 30.009 | 29.998 | 56.9 | 65.0 | 60.0 | 66.0 | 55.2 | 1.0 | 5.0 | 2.6 | .434 | .451 | .438 | 94 | 73 | 82 | N.W. 2 | N.W. 3 | N.W. 3 | 197 |
| 0 | 0 | 3 | 4 | 11 | 29.947 | 29.829 | 29.785 | 62.6 | 64.4 | 63.4 | 66.4 | 55.2 | 4.6 | 5.0 | 3.6 | .423 | .440 | .466 | 72 | 73 | 78 | S.W. 3 | S.W. 4 | S.W. 4 | 504 |
| 1 | 0 | 4 | 4 | 12 | 29.943 | 30.009 | 30.053 | 60.6 | 63.6 | 60.8 | 64.8 | 53.8 | 4.9 | 5.2 | 3.8 | .379 | .420 | .416 | 71 | 72 | 77 | N.W. 5 | N.W. 4 | N. 3 | 374 |
| 0 | 0 | 3 | 3 | 13 | 30.135 | 30.112 | 30.120 | 61.6 | 67.0 | 62.6 | 68.0 | 56.0 | 4.0 | 6.0 | 3.2 | .422 | .465 | .464 | 77 | 69 | 83 | N.W. 2 | N.W. 3 | N.W. 2 | 175 |
| 0 | 0 | 3 | 3 | 14 | 30.139 | 30.099 | 30.101 | 64.6 | 68.6 | 61.4 | 70.6 | 58.0 | 4.0 | 5.6 | 1.8 | .476 | .501 | .488 | 78 | 70 | 88 | N.W. 2 | S.W. 2 | N.W. 1 | 136 |
| 0 | 0 | 3 | 3 | 15 | 30.033 | 29.999 | 29.991 | 63.8 | 68.6 | 61.8 | 70.8 | 58.4 | 4.2 | 3.6 | 1.8 | .455 | .569 | .495 | 78 | 80 | 88 | S.W. 3 | W. 3 | N.W. 3 | 303 |
| 2 | 0 | 5 | 3 | 16 | 30.056 | 30.071 | 30.084 | 57.8 | 62.4 | 58.6 | 64.8 | 55.8 | 1.7 | 5.4 | 2.9 | .429 | .394 | .406 | 88 | 72 | 82 | N.E. 3 | N.E. 3 | E. 3 | 253 |
| 0 | 0 | 3 | 3 | 17 | 30.100 | 30.054 | 30.041 | 64.8 | 65.6 | 61.4 | 66.8 | 56.2 | 4.8 | 4.0 | 2.8 | .455 | .494 | .456 | 73 | 79 | 83 | S.E. 1 | S. 3 | S. 3 | 236 |
| 0 | 1 | 4 | 4 | 18 | 29.909 | 29.755 | 29.698 | 65.6 | 69.4 | 67.8 | 69.6 | 59.6 | 3.0 | 3.0 | 1.2 | .528 | .608 | .637 | 84 | 85 | 95 | S. 3 | S. 4 | S.W. 4 | 496 |
| 1 | 1 | 4 | 3 | 19 | 29.763 | 29.904 | 29.959 | 64.8 | 67.4 | 60.2 | 68.2 | 58.6 | 3.2 | 5.2 | 3.9 | .505 | .490 | .402 | 84 | 74 | 76 | N. 5 | N. 4 | N. 4 | 404 |
| 0 | 1 | 3 | 4 | 20 | 30.071 | 30.061 | 30.055 | 58.4 | 65.6 | 61.6 | 66.6 | 54.2 | 2.7 | 4.6 | 4.0 | .409 | .475 | .422 | 82 | 73 | 77 | N.E. 1 | E. 3 | S.E. 3 | 254 |
| 1 | 2 | 5 | 5 | 21 | 30.006 | 29.976 | 29.975 | 64.6 | 67.0 | 63.4 | 67.2 | 57.0 | 3.6 | 2.0 | 1.2 | .489 | .591 | .543 | 78 | 89 | 94 | S. 3 | S. 4 | S. 4 | 461 |
| 0 | 0 | 0 | 3 | 22 | 29.919 | 29.994 | 29.963 | 63.8 | 67.4 | 63.8 | 70.4 | 58.0 | 0.2 | 2.4 | 1.2 | .585 | .586 | .551 | 100 | 89 | 94 | Calm | N. 3 | N. 3 | 235 |
| 0 | 0 | 4 | 5 | 23 | 30.029 | 30.044 | 30.055 | 64.6 | 67.4 | 61.8 | 68.8 | 60.0 | 1.6 | 3.6 | 2.2 | .554 | .544 | .499 | 89 | 79 | 88 | N. 3 | N.E. 3 | N.E. 2 | 201 |
| 2 | 1 | 4 | 3 | 24 | 30.044 | 30.004 | 30.009 | 64.6 | 67.2 | 62.6 | 68.8 | 59.2 | 3.0 | 4.0 | 2.0 | .508 | .526 | .502 | 84 | 79 | 89 | S.E. 2 | S.E. 2 | S. 2 | 205 |
| 1 | 0 | 3 | 3 | 25 | 29.961 | 29.939 | 29.927 | 66.4 | 68.6 | 66.0 | 69.4 | 60.4 | 2.4 | 3.8 | 1.0 | .564 | .563 | .604 | 89 | 80 | 94 | S. 3 | S.W. 3 | S.W. 3 | 341 |
| 2 | 2 | 5 | 6 | 26 | 29.794 | 29.759 | 29.737 | 67.8 | 69.2 | 66.0 | 70.8 | 63.0 | 1.6 | 2.8 | 1.4 | .609 | .611 | .591 | 89 | 85 | 94 | S.W. 4 | S.W. 4 | S.W. 3 | 496 |
| 3 | 3 | 5 | 5 | 27 | 29.829 | 29.899 | 29.971 | 64.6 | 68.4 | 62.8 | 69.0 | 60.8 | 3.0 | 4.2 | 4.2 | .508 | .544 | .536 | 84 | 79 | 98 | N.W. 5 | N.W. 4 | N.W. 4 | 487 |
| 0 | 0 | 3 | 3 | 28 | 30.127 | 30.157 | 30.181 | 62.8 | 64.4 | 63.6 | 66.8 | 56.0 | 3.2 | 3.4 | 6.0 | .468 | .492 | .595 | 83 | 83 | 72 | N. 3 | Calm | N.E. 2 | 139 |
| 0 | 0 | 3 | 3 | 29 | 30.097 | 30.047 | 29.985 | 61.0 | 64.2 | 61.6 | 65.2 | 54.4 | 4.3 | 3.2 | 2.2 | .403 | .494 | .477 | 77 | 83 | 88 | Calm | W. 2 | W. 2 | 189 |
| 0 | 5 | 4 | 5 | 30 | 29.821 | 29.645 | 29.593 | 65.4 | 65.6 | 65.2 | 66.6 | 59.6 | 3.8 | 1.0 | 0.6 | .498 | .596 | .601 | 79 | 94 | 94 | S. 3 | S.W. 4 | S.W. 3 | 381 |
| 0 | 0 | 2 | 2 | 31 | 29.661 | 29.693 | 29.709 | 65.8 | 71.8 | 63.6 | 72.2 | 61.0 | 2.0 | 4.7 | 1.6 | .564 | .601 | .534 | 89 | 76 | 89 | N. 2 | N.E. 3 | N.E. 2 | 234 |
| | | | | Sums | 927.800 | 927.302 | 927.342 | 1984.7 | 2089.0 | 1963.4 | 2127.6 | 1804.0 | 100.2 | 131.1 | 83.4 | 15.256 | 16.279 | 15.723 | 2544 | 2417 | 2651 | 91 | 106 | 94 | 10563 |
| | | | | Means | 29.929 | 29.913 | 29.914 | 64.0 | 67.4 | 63.3 | 68.6 | 58.2 | 3.2 | 4.2 | 2.7 | .492 | .525 | .507 | 82 | 78 | 86 | 3 | 3 | 3 | 341 |

DEFINITIONS

FOG

0. No Fog
1. Light Fog or mist
2. Moderate Fog
3.
4. Thick Fog
5.

SEA

0. Calm
1. Smooth
2.
3. Slight to moderate
4.
5. Rough to Very Rough
6.
7. High to Very High
8.
9. Phenomenal
10.

Height above mean sea level of barometer cistern, 151 feet.

Height above ground of thermometers. 3 feet 9 inches.

Height above ground of rim of rain guage, 1 foot.

Height above mean sea level of rain guage, 149 feet.

WEATHER.

No. of Days of

| Rain | Snow | Hail. | Thunder-storm | Clear Sky. | Overc'st. | Fog. | Gales. | |
|---|---|---|---|---|---|---|---|---|
| 15 | | | | | 2 | | 1 | |

WIND.

No. of Observations of

| Forces 4-7 | Calm. | N. | N.E. | E. | S. E. | S. | S.W. | W. | N. W. |
|---|---|---|---|---|---|---|---|---|---|
| 80 | 2 | 15 | 11 | 2 | 4 | 12 | 16 | 6 | 25 |

HOURS OF OBSERVATION I.—8.41 a. m. local time
II.—3.0 p. m. " "
III.—8.41 p.m. " "

# pect, at Bermuda, during December, 1913

Latitude 32° 17′ 40″ North.
Longitude 64° 45′ 39″ West.

| CLOUD | | | | | | | | | WEATHER. | | | | | | RAIN. | | RADIATION. | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amount. | | | Form. | | | Direction Whence Coming. | | | At time of Observation. | | | During interval ending. | | | 24 hours beginning 9 a. m. inches | Estimated Duration Hours. | Maximum in Sun Black Bulb in Vacuo. | Minimum on Grass. | REMARKS. | |
| I | II | III | I | II | III | I | II | III | I | II | III | I | II | III | | | | | | |
| 8.41 a.m. | 3.0 p.m. | 8.41 p.m | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | 8.41 a.m. | 3.0 p.m. | 8.41 p.m. | | | | | | |
| 4 | 6 | 7 | k. n. | k. n. | k. | N. | N. E. | N. E. | C | C | C | R.O.C. | C. | C.R.C. | .26 | 3 | 133.0 | 52.0 | Stormy Day. Mod. gale from | 1 |
| 7 | 5 | 3 | k. n. | k. | k. | N. E. | N. E. | N. E. | C | C | C | C.R.C. | C. | C. | .04 | ½ | 137.4 | 55.0 | Fine day. 13 a.m. | 2 |
| 4 | 6 | 8 | k. | k. n. | c.k. k.n. | N. | N. E. | N. W. | C | C | O | C.R.C. | C.R.C. | C.R.O. | .22 | 4 | 134.8 | 48.0 | Showery Day. | 3 |
| 7 | 6 | 2 | c. k. | k. | k. | N. W. | N. | N. W. | C | C | B | O. C. | C. | C. B. | | | 134.6 | 51.0 | Fine Day. | 4 |
| 9 | 5 | 4 | k. s. | k. | k. | N. W. | W. | W. | O | C | C | B.C.O. | O. C. | C. | | | 132.4 | 51.0 | Fine Day. | 5 |
| 5 | 3 | 2 | c. k. | k. | k. | N. W. | N. W. | N. | C | C | C | C.R.C. | C. | C. B. | .06 | ½ | 132.2 | 52.0 | Fine Day. Hazy a.m. | 6 |
| 2 | 6 | 9 | k. s. | k. | k. | N. W. | S. W. | S. | B | C | O | B. | B. C. | C. O. | | | 131.0 | 46.6 | Fine Day. Hazy a.m. | 7 |
| 6 | 8 | 10 | k. | k. n. | n. | S. W. | S. W. | S. W. | C | C | R | O. C. | C. O. | O. R. | .24 | 1½ | 133.8 | 58.0 | Fine a.m. Dull p.m. | 8 |
| 7 | 5 | 5 | c. k. | c. k. | k. | N. W. | N. W. | N. W. | C | C | C | R.O.C. | C. | C. | .10 | ¾ | 110.4 | 54.6 | Fine Day. | 9 |
| 6 | 6 | 3 | c.k. n.s. | k. n. | k. | N. W. | N. W. | N. W. | C | C | C | C.R.C. | C. | C. | .10 | 1½ | 133.4 | 49.4 | Fine Day. | 10 |
| 7 | 7 | 7 | k. s. | k. | c. k. | S. W. | S. W. | S. W. | C | C | C | C. | C. | C.R.C. | .04 | ¾ | 124.8 | 45.8 | Fine Day. | 11 |
| 7 | 6 | 10 | k. | k. | k. n. | N. W. | N. W. | N. | C | C | C | C.R.C. | C. | C. O. | .14 | 2 | 136.0 | 49.0 | Cloudy Day. | 12 |
| 7 | 6 | 9 | k. s. | k. | c.k. k. | N. W. | N. W. | N. | C | C | C | O. C. | C. | C. O. | | | 135.0 | 50.2 | Fine Day. | 13 |
| 3 | 4 | 3 | k. | k. | k. | N. W. | W. | N. W. | C | C | C | O. C. | C. | C. | | | 131.6 | 45.6 | Fine Day. | 14 |
| 7 | 7 | 10 | k. | k. n. | k. n. | S. W. | W. | N. W. | C | C | C | C. | C. | C. O. | | | 133.4 | 46.4 | Cloudy Day. | 15 |
| 10 | 3 | 1 | k. n. | k. | k. | N. E. | N. E. | N. E. | O | C | C | O.R.O. | O. C. | C. B. | .40 | 3 | 129.4 | 50.0 | Fine Day. | 16 |
| 2 | 5 | 2 | c. k. | c. k. | k. | S. E. | S. | S. | B | C | C | B. | B. C. | C. B. | | | 129.4 | 44.0 | Fine Day. | 17 |
| 7 | 8 | 10 | c. k. | k. n. | k. n. | S. | S. | S. W. | C | C | O | B. C. | C. O. | O. | | | 122.0 | 51.0 | Dull Day. | 18 |
| 7 | 4 | 3 | c. k. | c. k. | k. | N. | N. | N. | C | C | C | O.R.O.C. | C. | C. | .18 | 2½ | 127.4 | 56.4 | Fine Day. | 19 |
| 7 | 5 | 7 | c. k. | c. k. | k. | N. E. | E. | S. E. | C | C | C | C. | C. | C. | | | 127.6 | 42.4 | Fine Day. | 20 |
| 9 | 9 | 10 | k. n. | k. n. | n. | S. | S. E. | S. | O | C | O | C.O.R.O. | O.R.O. | O.R.O. | .14 | 3 | 89.4 | 52.4 | Dull Day. | 21 |
| 9 | 6 | 2 | k. s. n. | c. k. | k. | W. | N. | N. | O | C | B | O.R.O. | O. C. | C. B. | 1.08 | 5 | 130.2 | 55.0 | Dull a.m. Fine p.m. | 22 |
| 6 | 5 | 3 | c. k. s. | c. k. | k. | N. | N. E. | N. | C | C | C | B. C. | C. | C. | | | 124.2 | 55.0 | Fine Day. | 23 |
| 4 | 4 | 1 | c. k. | c. k. | k. | S. E. | S. E. | S. | C | C | B | C. | C. | C. B. | | | 134.0 | 50.0 | Fine Day. | 24 |
| 5 | 6 | 4 | c. k. | k. | k. | S. | S. W. | S. W. | C | C | C | B. C. | C. | C. | | | 114.8 | 54.0 | Fine Day. | 25 |
| 6 | 8 | 10 | c. k. | k. n. | n. | S. W. | S. W. | S. W. | C | C | R | C. | C. O. | O. R. | .06 | 2 | 138.4 | 58.2 | Dull Day. | 26 |
| 5 | 6 | 6 | k. | k. n. | k. n. | W. | N. W. | N. W. | C | C | C | R.O.C. | C. | C. | | | 131.4 | 55.6 | Cloudy Day. | 27 |
| 5 | 6 | 6 | k. s. | c. k. | k. n. | N. | N. | N. E. | C | C | C | C. | C. | C. | | | 138.0 | 53.4 | Fine Day. | 28 |
| 9 | 8 | 9 | k. n. | k. n. | k. n. | N. | W. | W. | O | C | O | C. O. | O. | O. | | | 110.4 | 43.0 | Dull Day. | 29 |
| 9 | 10 | 6 | k. n. | n. | k. n. | S. | S. W. | W. | O | O | R | O. | O. R. | R.O.C. | .62 | 6 | 110.4 | 50.4 | Wet Day. | 30 |
| 4 | 4 | 6 | k. | c. k. | c.k. k.n. | N. | N. E. | N. E. | C | C | C | C. | C. | C. | | | 141.8 | 61.4 | Fine Day. | 31 |
| 192 | 183 | 178 | | | | | | | | | | | | | 3.68 | 36 | 3972.6 | 1586.8 | | Sums |
| 6 | 6 | 6 | | | | | | | | | | | | | .12 | | 128.1 | 51.2 | | Means |

## EXTREMES.

| | |
|---|---|
| Highest corrected reading of Bar. | 30.181° on 28th. at 8.41 p.m. |
| Lowest " " " | 29.508° on 1st. at 8.41 a.m. |
| Greatest daily rainfall | 1.08 inches on 22nd. |
| Highest temperature in shade | 72.6° on 6th. |
| Lowest " " " | 53.8° on 12th. |
| Highest " " sun | 141.8° on 31st. |
| Lowest " on grass | 42.4° on 20th. |

## SYMBOLS DENOTING CLOUDS.

| | |
|---|---|
| c. | Cirrus |
| k. | Cumulus |
| ck. | Cirro-cumulus |
| cs. | Cirro-stratus |
| s. | Stratus |
| ks. | Cumulo-stratus |
| n. | Nimbus |

C. WARD, Qr Mr. Sergt. R. A. M. C., Observer
R. H. HALL, Lieut. Col. R. A. M. C. S M. O. Bermuda