U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

FLORIDA SECTION.

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VOL. XX. JACKSONVILLE, FLORIDA, OCTOBER, 1916. No. 10.

## GENERAL SUMMARY.

Aside from the severe tropical storm that struck the extreme northwest coast on the 18th, a condensed report of which is found elsewhere, the month of October was generally a pleasant one. The temperature and rainfall were slightly above the normal, the latter being due more to excessive rains over a portion of the section during a short period rather than to widespread precipitation. The barometric pressure averaged about 0.09 inch below the normal. The lowest reading at Pensacola during the storm of the 18th was 28.76 inches, reduced, at 9:30 a. m. The maximum wind velocity was 114 miles. There was a high percentage of sunshine, except during the first and last 4 or 5 days of the month. The deficient rainfall of August and September, sepplemented by the droughty conditions over a large portion of the section during the current month, rather accentuated the unfavorable condition of some crops until the last week, when good rains fell in central and south portions. The growth of truck was backward, seed-beds were slow to germinate, and the replanting of strawberries was necessary over a wide area. The cotton crop was practically all picked. Citrus fruits were in fair condition, although the fruit will probably be smaller than usual. Cane, peanuts, hay, sweet potatoes and corn were generally good crops.

There was an almost uninterrupted excess of temperature from the 5th to 20th over the north and central portions, followed by a moderately cold spell from the 21st to 24th, which gave frost or frost temperatures over the extreme north and northwest portions. This was the chief cold spell of the month, and among the minima, Bristol and Garniers recorded 34°; Mt. Pleasant, 35°, and Brooksville No. 2 and Bonifay, 36°. It is worthy of note that the influence of the tropical storm of the 18th was still felt over the Gulf States as late as the 23d; and in that respect it but repeated the slow progressive movement of the July storm, which traversed much of the same area.

The weather was unusually dry over the northern division, but the rainfall was somewhat heavier and more widely distributed in the central and southern divisions, especially during the last week of the month, when rather heavy rains fell from the 24th to 30th. The following 24-hour amounts, in inches, were recorded: De Land, 1.15 on the 28th; Ft. Pierce, 2.80 on the 27th; Homestead, 3.22 on the 25th, and 2.59 on the 29th; Hypoluxo, 1.54 on the 25th, and 3.98 on the 29th; Malabar, 2.86 on the 28th, and 3.32 on the 29th. These rains were markedly beneficial to truck, seed-beds, and strawberries.

## TEMPERATURE.

The monthly mean temperature from the records of 76 stations was 73.5°, or 0.5° above the normal. The highest monthly mean was 79.4° at Long Key, and the lowest was 66.8° at Molino. The highest temperature was 95° at Malabar on the 19th, and the lowest was 34° at Bristol and Garniers on the 22d.

## PRECIPITATION.

The average precipitation for the month, 81 stations reporting, was 4.13 inches, or 0.04 inch above the normal. The greatest monthly amount was 14.34 inches at Homestead, and the least was 0.77 inch at Tampa. The greatest amount in 24 consecutive hours was 4.82 inches at Apalachicola on the 18th. The average number of rainy days was 10.

## MISCELLANEOUS.

*Frost:* Over the extreme northwestern and extreme northern portions from the 21st to 23d.

*Halos—Lunar:* Bradentown on the 5th; Jacksonville on the 9th; Key West on the 6th; Sand Key on the 6th, 7th, 8th, 9th, 15th, and 17th; Tampa on the 6th.

*Halos—Solar:* Key West on the 6th, 15th, and 19th; Sand Key on the 5th, 6th, and 15th.

*Thunderstorms:* Occurred at various stations in the peninsula from the 5th to 8th, and on the 10th, and locally along the lower southeast coast from the 23d to 31st.

## PRESSURE, WIND, HUMIDITY, AND SUNSHINE DATA.

| Stations. | Atmospheric pressure. (Reduced to sea-level.) | | | | | Wind. | | | | Relative Humidity. | | Percentage of sunshine. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean. | Highest. | Date. | Lowest. | Date. | Average hourly velocity. | Maximum velocity. | Direction. | Date. | Mean, 7 a. m. | Mean, 7 p. m. | |
| Jacksonville... | 30.02 | 30.19 | 23 | 29.78 | 4 | 15.0 | 38 | ne. | 27 | 90 | 86 | 42 |
| Key West..... | 29.90 | 30.07 | 23 | 29.69 | 26 | 11.4 | 33 | nw. | 21 | 78 | 76 | 67 |
| Miami..... | 29.92 | 30.07 | 7 | 29.70 | 26 | 10.0 | 32 | ne | 28 | 82 | 78 | 64 |
| Pensacola ..... | 30.04 | 30.29 | 23 | 28.76 | 18 | 14.2 | 114 | se. | 18 | 78 | 62 | .. |
| Sand Key..... | 29.89 | 30.05 | 23 | 29.67 | 26 | 17.1 | 43 | nw. | 21 | 81 | 78 | .. |
| Tampa ..... | 29.97 | 30.16 | 23 | 29.80 | 26 | 8.3 | 23 | ne. | 28 | 82 | 72 | 61 |

## COMPARATIVE DATA FOR OCTOBER.

| Year. | Temperature. | | | | Precipitation. | | | | | Number of days. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean. | Departure. | Highest. | Lowest. | Average. | Departure. | Greatest monthly. | Least monthly. | Greatest in 24 hours. | With precipitation (0.01 inch or more). | Clear. | Partly cloudy. | Cloudy. |
| 1891.. | 70.0 | −2.6 | 91 | 32 | 4.96 | +0.87 | 9.58 | 0.04 | .... | 8 | 18 | 6 | 7 |
| 1892.. | 72.4 | −0.2 | 91 | 36 | 4.43 | +0.34 | 14.00 | 1.28 | .... | 8 | 15 | 9 | 7 |
| 1893.. | 73.0 | +0.4 | 95 | 41 | 3.38 | −0.71 | 11.72 | 0.94 | 4.45 | 7 | 15 | 10 | 6 |
| 1894.. | 73.0 | +0.4 | 92 | 40 | 3.70 | −0.39 | 7.36 | 1.00 | 4.65 | 8 | 18 | 8 | 5 |
| 1895.. | 71.7 | −0.9 | 92 | 44 | 3.07 | −1.02 | 21.03 | 0.40 | 4.34 | 8 | 11 | 11 | 9 |
| 1896.. | 72.4 | −0.2 | 94 | 40 | 3.11 | −0.98 | 8.58 | 0.76 | 4.15 | 6 | 13 | 12 | 6 |
| 1897.. | 72.4 | −0.2 | 95 | 40 | 4.61 | +0.52 | 10.26 | 0.25 | 6.30 | 7 | 17 | 9 | 5 |
| 1898.. | 71.6 | −1.0 | 96 | 30 | 6.12 | +2.03 | 16.99 | T. | 6.43 | 10 | 13 | 10 | 7 |
| 1899.. | 73.4 | +0.8 | 94 | 49 | 6.10 | +2.01 | 29.10 | 0.97 | 12.18 | 10 | 11 | 12 | 8 |
| 1900.. | 75.7 | +3.1 | 95 | 49 | 5.49 | +1.40 | 14.20 | 2.13 | 5.70 | 10 | 12 | 13 | 6 |
| 1901.. | 72.2 | −0.4 | 94 | 39 | 1.85 | −2.24 | 7.08 | T. | 4.00 | 4 | 19 | 9 | 3 |
| 1902.. | 74.2 | +1.6 | 96 | 33 | 5.55 | +1.46 | 18.99 | 0.98 | 7.20 | 10 | 12 | 10 | 9 |
| 1903.. | 70.8 | −1.8 | 97 | 29 | 1.82 | −2.27 | 6.58 | 0.00 | 5.60 | 4 | 17 | 10 | 4 |
| 1904.. | 73.3 | +0.7 | 100 | 30 | 4.63 | +0.54 | 21.39 | 0.00 | 10.48 | 8 | 16 | 8 | 7 |
| 1905.. | 73.2 | +0.6 | 96 | 35 | 2.94 | −1.13 | 10.56 | 0.15 | 4.30 | 7 | 14 | 10 | 7 |
| 1906.. | 71.2 | −1.4 | 95 | 30 | 3.14 | −0.95 | 13.68 | 0.36 | 5.08 | 6 | 14 | 11 | 6 |
| 1907.. | 71.4 | −1.2 | 97 | 32 | 1.57 | −2.52 | 5.65 | 0.00 | 2.58 | 4 | 20 | 8 | 3 |
| 1908.. | 69.7 | −2.9 | 93 | 33 | 3.16 | −0.93 | 27.86 | T. | 8.37 | 6 | 18 | 8 | 5 |
| 1909.. | 71.5 | −0.5 | 96 | 34 | 1.93 | −2.05 | 21.08 | 0.00 | 11.23 | 3 | 20 | 7 | 4 |
| 1910.. | 73.1 | +0.6 | 95 | 27 | 8.74 | +4.85 | 27.81 | 2.15 | 9.70 | 11 | 13 | 9 | 9 |
| 1911.. | 76.6 | +4.6 | 99 | 40 | 5.25 | +1.16 | 11.87 | 1.50 | 5.25 | 9 | 15 | 9 | 7 |
| 1912.. | 74.8 | +2.8 | 95 | 39 | 4.07 | +0.37 | 8.62 | 0.08 | 6.58 | 8 | 13 | 11 | 7 |
| 1913.. | 70.2 | −2.3 | 98 | 31 | 2.91 | −1.11 | 6.95 | 0.61 | 3.60 | 5 | 19 | 7 | 5 |
| 1914.. | 72.9 | +0.7 | 94 | 30 | 4.02 | −0.22 | 11.58 | 1.05 | 5.15 | 10 | 15 | 10 | 6 |
| 1915.. | 75.4 | +3.0 | 96 | 40 | 7.51 | +3.56 | 19.10 | 1.37 | 7.70 | 13 | 12 | 11 | 8 |
| 1916.. | 73.5 | +0.5 | 95 | 34 | 4.13 | +0.04 | 14.34 | 0.77 | 4.82 | 10 | 13 | 10 | 8 |

## LATE REPORT.

September, 1916.—Bassenger, monthly mean temperature, 80.0 degrees; highest, 93 degrees; date, 1†; lowest, 68 degrees; date, 12†; greatest daily range, 23 degrees; total precipitation, 3.67 inches; greatest in 24 hours, 0.76 inch; number of days with 0.01 inch or more precipitation, 11; clear, 2; partly cloudy, 22; cloudy, 6; prevailing wind direction, NE.

## Climatological Data for October, 1916.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Precipitation, in inches. Total. | Departure from the normal. | Greatest in 24 hours. | Snowfall, unmelted. | Number of days. With .01 or more Precipitation. | Clear. | Partly cloudy. | Cloudy. | Prevailing direction of wind. | Observers. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Northern Division.* | | | | | | | | | | | | | | | | | | | | |
| Archer | Alachua | 92 | 13 | 70.8[b] | −0.8 | 90 | 5† | 39 | 22 | 31 | 2.36 | −0.48 | 0.99 | 0 | 8 | 12 | 11 | 8 | .... | R. T. Heagy. |
| Bristol | Liberty | .... | 6 | 69.6 | ..... | 94 | 16 | 34 | 22 | 39 | 2.93 | ..... | 2.60 | 0 | 6 | 23 | 4 | 4 | ne. | Miss Myrtle L. Turner. |
| Carrabelle | Franklin | 10 | 17 | 70.4 | −0.4 | 89 | 10 | 36 | 22 | 53 | 3.91 | +0.79 | 3.00 | 0 | 4 | ..... | ..... | ..... | ..... | J. J. Blomquist. |
| Cedar Keys | Levy | 10 | 27 | 73.8 | +1.2 | 91 | 9 | 44 | 22 | 35 | 3.35 | +0.23 | 2.00 | 0 | 5 | 11 | 12 | 8 | n. | S. T. White. |
| Crescent City | Putnam | 45 | 18 | 73.4 | +1.2 | 91 | 19 | 45 | 22 | 29 | 4.18 | +0.42 | 1.27 | 0 | 15 | 6 | 8 | 17 | ne. | Walter Cliff. |
| Federal Point | ....do | 10 | 24 | 72.8 | +0.9 | 93 | 10† | 46 | 22 | 30 | 4.75 | −0.20 | 1.27 | 0 | 16 | 10 | 9 | 12 | ne. | E. S. Hubbard. |
| Fenholloway | Taylor | 75 | 9 | 71.8 | ..... | 92 | 9† | 38 | 22 | 34 | 2.98 | ..... | 1.10 | 0 | 7 | 9 | 16 | 6 | ne. | J. Wigglesworth. |
| Fernandina | Nassau | 15 | 23 | 70.0 | −1.4 | 87 | 10 | 45 | 22 | 31 | 6.51 | +1.41 | 1.88 | 0 | 12 | 13 | 1 | 17 | ne. | F. C. Pennington. |
| Gainesville | Alachua | 176 | 20 | 71.7 | +0.3 | 91 | 8† | 39 | 22 | 31 | 2.04 | −0.64 | 0.86 | 0 | 11 | 3 | 23 | 5 | ne. | E. R. Flint. |
| Hilliard | Nassau | 69 | 7 | 70.2 | ..... | 90 | 9† | 40 | 22 | 29 | 2.99 | ..... | 1.21 | 0 | 7 | 13 | 12 | 6 | ..... | Mrs. J. B. Campbell. |
| **Jacksonville** | Duval | 222 | 45 | 69.5 | −0.1 | 86 | 10 | 43 | 22 | 22 | 4.77 | −0.29 | 2.76 | 0 | 20 | 8 | 8 | 15 | n. | U.S. Weather Bureau. |
| Jasper | Hamilton | 152 | 16 | .... | ..... | ..... | ..... | ..... | ..... | .. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | C. H. Pennington. |
| Johnstown | Bradford | 125 | 17 | 70.6[a] | −0.2 | 89 | 10 | 39 | 22 | 30 | 4.67 | +1.62 | 1.88 | 0 | 5 | 12 | 6 | 13 | ..... | G. W. Coffin. |
| Lake City | Columbia | 210 | 32 | 70.3 | +0.5 | 92 | 10 | 39 | 22 | 32 | 3.26 | +0.23 | 1.30 | 0 | 6 | 7 | 10 | 14 | ne. | W. B. Knight. |
| Live Oak | Suwanee | 109 | 16 | ..... | ..... | ..... | ..... | ..... | ..... | .. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | W. L. Westbrook. |
| Macclenny | Baker | 125 | 20 | 70.0[b] | −0.7 | 89 | 9† | 37 | 22 | 33 | 5.58 | +2.54 | 3.65 | 0 | 5 | ..... | ..... | ..... | ne. | C. M. Griffing & Co. |
| Madison | Madison | 143 | 16 | 70.2 | +0.1 | 91 | 10 | 41 | 22 | 30 | 3.32 | +0.42 | 1.75 | 0 | 6 | 6 | 12 | 13 | ne. | E. J. Vann. |
| Melrose | Alachua | 163 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | .. | 2.01 | ..... | 0.65 | 0 | 8 | 12 | 11 | 8 | ..... | H. von Noszky. |
| Middleburg | Clay | 14 | 15 | 71.0[e] | +0.7 | 94 | 10 | 38 | 22 | 32 | 2.67 | −1.65 | 0.90 | 0 | 6 | ..... | ..... | ..... | ..... | G. A. Chalker. |
| Monticello | Jefferson | 207 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | .. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | C. W. Reed. |
| Morton's Farm ‡‡ | Duval | .... | 1 | 69.3[k] | ..... | 87[k] | 20 | 39 | 22 | 31 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | n. | W. D. Morton. |
| Mount Pleasant | Gadsden | 306 | 10 | 69.0 | ..... | 91 | 9† | 35 | 22 | 36 | 2.33 | ..... | 2.00 | 0 | 3 | 25 | 4 | 2 | ne. | Daniel Grubb, jr. |
| Newport | Wakulla | 15 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | .. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | Nathaniel Brewer jr. |
| Quincy | Gadsden | ..... | .... | 70.2[c] | ..... | 90 | 9 | 37 | 22 | 36 | 3.48 | ..... | 3.20 | 0 | 3 | ..... | ..... | ..... | nw. | C. L. Nicholson. |
| St. Augustine | St. Johns | 10 | 64 | 72.1 | −0.3 | 89 | 19 | 45 | 22 | 27 | 8.11 | +3.13 | 1.26 | 0 | 13 | ..... | ..... | ..... | ne. | J. E. Crutchfield. |
| Satsuma Heights | Putnam | 98 | 8 | 71.8[b] | ..... | 90 | 19 | 45 | 22 | 22 | 3.73 | ..... | 1.53 | 0 | 10 | 10 | 5 | 16 | ne. | Satsuma Company. |
| Switzerland | St. Johns | 14 | 23 | 71.7 | +1.2 | 91 | 9† | 48 | 22 | 30 | 5.28 | +0.90 | 1.36 | 0 | 11 | ..... | ..... | ..... | ..... | Mrs. W. C. Steele. |
| Tallahassee | Leon | 192 | 29 | 70.2 | +1.8 | 89 | 10 | 41 | 22 | 27 | 4.67 | +1.52 | 4.26 | 0 | 4 | 22 | 5 | 4 | e. | W. H. Markham. |
| *Central Division.* | | | | | | | | | | | | | | | | | | | | |
| Bartow | Polk | 115 | 29 | 74.0 | 0.0 | 92 | 14 | 44 | 22 | 32 | 3.10 | −0.59 | 1.38 | 0 | 12 | 8 | 10 | 13 | ne. | William Hood. |
| Bassenger (near) | Osceola | 40 | 3 | 76.5 | ..... | 92 | 7† | 49 | 22 | 30 | 2.84 | ..... | 1.12 | 0 | 9 | 2 | 17 | 12 | ne. | P. E. Tasler. |
| Brooksville (1) | Hernando | 126 | 24 | 74.4[e] | +1.1 | 92 | 7 | 45 | 22 | 33 | 2.97 | −0.40 | 1.85 | 0 | 4 | ..... | ..... | ..... | ..... | A. Keathly. |
| Brooksville (2) | ....do | .... | 4 | 73.2 | ..... | 91 | 9† | 56 | 22 | 37 | 1.70 | ..... | 0.82 | 0 | 16 | 10 | 9 | 12 | ne. | Bur. Plant Industry. |
| Clermont | Lake | 105 | 23 | ..... | ..... | ..... | ..... | ..... | ..... | .. | 2.64 | −0.90 | ..... | 0 | ..... | ..... | ..... | ..... | ..... | Geo. E. Bailey. |
| Coleman | Sumter | 65 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | .. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| De Land | Volusia | 27 | 19 | 72.7 | +0.7 | 89 | 19 | 46 | 22 | 31 | 6.92 | +2.03 | 1.15 | 0 | 16 | 6 | 13 | 12 | e. | F. G. Brill. |
| Eustis | Lake | 56 | 25 | 73.8 | +0.5 | 93 | 19 | 47 | 22 | 26 | 5.51 | +2.12 | 1.26 | 0 | 15 | 12 | 5 | 14 | ne. | C. T. Smith. |
| Fellsmere | St. Lucie | 25 | 4 | 76.1 | ..... | 91 | 7 | 54 | 22 | 23 | 9.44 | ..... | 1.05 | 0 | 18 | 9 | 13 | 9 | ne. | W. A. James. |
| Fort Meade | Polk | 125 | 27 | 76.2 | +2.1 | 93 | 9 | 46 | 22 | 32 | 2.89 | −1.16 | 0.95 | 0 | 8 | 10 | 13 | 8 | ne. | G. L. Brodrick. |
| Fort Pierce | St. Lucie | 10 | 15 | 77.2 | +0.9 | 92 | 20 | 55 | 22 | 21 | 10.34 | +4.18 | 2.80 | 0 | 14 | 8 | 16 | 7 | e. | T. C. Nicholson. |
| Inverness | Citrus | 43 | 17 | 73.2 | +0.6 | 93 | 19 | 45 | 22 | 28 | 3.09 | +0.32 | 2.00 | 0 | 5 | 13 | 10 | 8 | ne. | W. H. Miller. |
| Isleworth ‡‡ | Orange | .... | .... | ..... | ..... | ..... | ..... | ..... | ..... | .. | 2.06 | ..... | 0.53 | 0 | 6 | ..... | ..... | ..... | ..... | A. Q. Lancaster. |
| Kissimmee | Osceola | 65 | 24 | 75.5 | +0.6 | 91 | 19 | 49 | 22 | 27 | 2.56 | −1.92 | 0.65 | 0 | 6 | 10 | 10 | 11 | ne. | W. L. Poulk. |
| Lakeland | Polk | 227 | 1 | 75.2 | ..... | 89 | 19 | 49 | 22 | 25 | 2.33 | ..... | 1.20 | 0 | 7 | 18 | 12 | 1 | ne. | A. J. Holworthy. |
| Lucerne Park | ....do | ... | 4 | 75.4 | ..... | 90 | 7† | 46 | 22 | 29 | 5.12 | ..... | 1.59 | 0 | 10 | 7 | 18 | 6 | ne. | L. D. Niles. |
| Lynne (near) | Marion | .... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | .. | 1.40 | ..... | 0.35 | 0 | 12 | 16 | 8 | 7 | ne. | U. S. Forest Service. |
| Malabar | Brevard | 28 | 24 | 77.2 | +1.7 | 95 | 19 | 54 | 22 | 26 | 12.46 | +5.35 | 3.32 | 0 | 13 | 20 | 6 | 5 | ne. | J. F. Farley. |
| McDonald ‡‡ § | Orange | 175 | 19 | 72.2 | −0.7 | 92 | 7† | 43 | 22 | 34 | 4.07 | −0.38 | 0.98 | 0 | 15 | 19 | 7 | 5 | ne. | J. B. Escott. |
| Merritts Island ‡‡ | Brevard | 20 | 33 | 75.7 | +0.2 | 89 | 8 | 55 | 22 | 18 | 8.77 | +2.96 | 2.50 | 0 | 16 | 16 | 12 | 3 | ne. | F. Ulrich. |
| New Smyrna | Volusia | 14 | 31 | 74.3 | +1.2 | 91 | 20 | 50 | 22 | 26 | 8.53 | +2.54 | 2.14 | 0 | 17 | 5 | 21 | 5 | ne. | F. J. Nordman. |
| Ocala | Marion | 98 | 24 | 71.0 | −1.0 | 86 | 9† | 40 | 22 | 30 | 3.18 | +0.39 | 2.22 | 0 | 8 | 2 | 11 | 18 | ..... | F. G. B. Weihe. |
| Orange City | Volusia | 39 | 22 | 74.2 | +0.9 | 92 | 19 | 44 | 22 | 32 | 4.50 | +0.09 | 0.73 | 0 | 12 | 12 | 12 | 7 | ne. | E. J. Ireland. |
| Orlando | Orange | 111 | 24 | 75.2 | +1.5 | 93 | 7† | 52 | 22† | 32 | 4.58 | −0.57 | 0.74 | 0 | 16 | 14 | 12 | 5 | n. | W. S. Branch. |
| Pinellas Park | Pinellas | 20 | 4 | 74.4 | ..... | 89 | 15† | 49 | 22 | 25 | 1.01 | ..... | 0.38 | 0 | 6 | 18 | 8 | 5 | ne. | Miss Lilian German. |
| Plant City | Hillsboro | 121 | 23 | ..... | ..... | ..... | ..... | ..... | ..... | .. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | L. W. Bon. |
| Rockwell | Marion | 54 | 14 | 72.4[h] | −0.9 | 89 | 16 | 44 | 22 | 28 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | Dunellon Phos. Co. |
| St. Cloud | Osceola | .... | 2 | 74.0 | ..... | 91 | 1 | 50 | 22 | 26 | 2.78 | ..... | 0.66 | 0 | 6 | 14 | 11 | 6 | ne. | R. G. Reynolds. |
| St. Leo | Pasco | 190 | 21 | 73.8 | +0.4 | 89 | 9 | 46 | 22 | 26 | 1.07 | −2.26 | 0.36 | 0 | 6 | 15 | 9 | 7 | e. | Gerard Schneider. |
| St. Petersburg | Pinellas | .... | 1 | 76.2 | ..... | 89 | 8† | 52 | 22 | 22 | 0.84 | ..... | 0.50 | 0 | 7 | 11 | 10 | 10 | ne. | The Independent. |
| Sanford | Seminole | 25 | 8 | 74.4 | ..... | 90 | 7† | 50 | 22 | 28 | 6.94 | ..... | 1.25 | 0 | 12 | 11 | 3 | 17 | ne. | H. C. Dubose. |
| Tampa | Hillsboro | 104 | 26 | 75.0 | +1.2 | 89 | 9 | 49 | 22 | 27 | 0.77 | −2.20 | 0.34 | 0 | 7 | 6 | 11 | 14 | ne. | U.S. Weather Bureau. |
| Tarpon Springs | Pinellas | 20 | 31 | 74.6 | +1.3 | 90 | 9† | 46 | 22 | 26 | 0.78 | −1.99 | 0.29 | 0 | 5 | 14 | 11 | 6 | ne. | A. P. Albaugh, M. D. |
| Titusville | Brevard | 16 | 20 | 75.2 | +1.5 | 92 | 20 | 51 | 22 | 23 | 8.10 | +2.63 | 2.11 | 0 | 16 | 9 | 12 | 10 | ne. | F. M. Taylor. |
| *Southern Division.* | | | | | | | | | | | | | | | | | | | | |
| Arcadia | De Soto | 61 | 15 | ..... | ..... | 92 | 1† | ..... | ..... | .. | 2.87 | −0.93 | 1.10 | 0 | 7 | ..... | ..... | ..... | ..... | Sec. Commercial Club. |
| Avon Park | ....do | 150 | 17 | 75.1 | +0.2 | 89 | 13† | 53 | 22 | 22 | 2.72 | −1.67 | 0.64 | 0 | 11 | 3 | 21 | 7 | e. | William King. |
| Boca Grande | Lee | 11 | .... | 77.8 | ..... | 91 | 9 | 54 | 22 | 26 | 3.47 | ..... | 1.16 | 0 | 7 | 13 | 13 | 5 | ne. | C. H. & N. Ry. |
| Bradentown | Manatee | 22 | 32 | 75.6 | +1.5 | 91 | 15 | 53 | 22 | 28 | 2.02 | −1.00 | 0.62 | 0 | 5 | 12 | 11 | 8 | ne. | F. H. Braymer, M. D. |
| Davie | Broward | 10 | 3 | 75.6 | ..... | 90 | 7 | 58 | 4† | 26 | 5.32 | ..... | 0.98 | 0 | 19 | 18 | 5 | 8 | ne. | J. R. Porter. |
| Eddy | Lee | .... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | .. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | Mrs. Ellen E. Butler. |
| Fort Lauderdale | Broward | 10 | 3 | 77.8 | ..... | 88 | 7† | 60 | 22 | 24 | 7.90 | ..... | 1.80 | 0 | 20 | 15 | 8 | 8 | e. | W. M. Heine. |
| Fort Myers | Lee | 12 | 44 | 76.4 | +1.1 | 90 | 9 | 53 | 22† | 27 | 2.05 | −1.42 | 0.60 | 0 | 10 | 17 | 14 | 0 | ne. | G. A. Maxwell. |
| Griffin ‡‡ | Broward | 12 | 3 | 76.0 | ..... | 90 | 20 | 58 | 22 | 23 | 5.37 | ..... | 0.78 | 0 | 16 | 15 | 8 | 8 | e. | T. M. Griffin. |
| Homestead | Dade | 13 | 6 | 77.0 | ..... | 93 | 7 | 60 | 4 | 26 | 14.34 | ..... | 3.22 | 0 | 20 | 12 | 5 | 14 | e. | A. H. Waldin. |
| Hypoluxo | Palm Beach | 9 | 21 | 78.6 | +1.1 | 91 | 20 | 59 | 23 | 30 | 10.51 | +0.30 | 3.98 | 0 | 14 | 11 | 13 | 7 | ne. | J. L. Garnett. |
| Key West | Monroe | 15 | 45 | 79.3 | +0.6 | 88 | 8 | 69 | 22 | 14 | 3.38 | −2.00 | 1.56 | 0 | 12 | 13 | 14 | 4 | ne. | U.S. Weather Bureau. |
| Lock No. 1 ‡‡ | Broward | .... | 3 | ..... | ..... | ..... | ..... | ..... | ..... | .. | 6.56 | ..... | 1.45 | 0 | 14 | 13 | 3 | 15 | ne. | H. M. Forman. |
| Long Key | Monroe | ..... | 9 | 79.4 | ..... | 93 | 7 | 65 | 22† | 15 | 4.06 | ..... | 1.22 | 0 | 15 | 13 | 15 | 3 | ne. | J. G. Scribner. |
| Miami (1) | Dade | 71 | 14 | 77.2 | −0.6 | 86 | 7 | 62 | 23 | 18 | 5.03 | −5.51 | 1.66 | 0 | 15 | 11 | 13 | 7 | e. | U.S. Weather Bureau. |
| Miami (2) | ....do | 10 | 5 | 78.3 | ..... | 88 | 7† | 61 | 22† | 22 | 4.82 | ..... | 1.22 | 0 | 15 | 16 | 13 | 2 | ne. | Bur. Plant Industry. |
| Punta Gorda | De Soto | 7 | 2 | 76.9 | ..... | 90 | 3† | 51 | 22 | 24 | 1.36 | ..... | 0.41 | 0 | 8 | 6 | 22 | 3 | se. | M. W. Sturdy. |
| Ritta | Palm Beach | 18 | 3 | 77.6[e] | ..... | 94 | 9 | 62 | 4† | 25 | 4.20 | ..... | 1.02 | 0 | 12 | 17 | 7 | 7 | ne. | Miss Maud Wingfield. |
| Sand Key ‡‡ | Monroe | 40 | 10 | 78.8 | ..... | 87 | 20 | 70 | 22 | 9 | 1.36 | ..... | 0.82 | 0 | 10 | 14 | 12 | 5 | ne. | U.S. Weather Bureau. |
| *Western Division.* | | | | | | | | | | | | | | | | | | | | |
| Apalachicola | Franklin | 24 | 12 | 71.7 | +0.6 | 90 | 10 | 42 | 22 | 27 | 6.17 | +2.63 | 4.82 | 0 | 7 | 16 | 7 | 8 | n. | A. F. Whiteside. |
| Bonifay | Holmes | 111 | 10 | 69.0 | +0.8 | 89 | 4† | 36 | 22 | 38 | 2.20 | −0.58 | 1.68 | 0 | 3 | 15 | 5 | 11 | nw. | William Rush. |
| De Funiak Springs | Walton | 193 | 18 | 69.9 | +1.4 | 94 | 10 | 39 | 21 | 31 | 2.30 | −1.27 | 2.02 | 0 | 4 | 23 | 4 | 4 | ne. | W. O. H. Shepard. |
| Garniers (near) | Okaloosa | 22 | 3 | 67.8[b] | ..... | 92 | 10 | 34 | 22 | 37 | 3.00 | ..... | 2.92 | 0 | 2 | 17 | 11 | 3 | ne. | U. S. Forest Service. |
| Marianna | Jackson | 120 | 14 | 68.8 | +0.8 | 91 | 10† | 39 | 22 | 37 | 2.07 | −0.94 | 1.70 | 0 | 4 | 12 | 18 | 1 | ne. | W. W. Brooks. |
| Molino | Escambia | 49 | 14 | 66.8 | −0.4 | 85 | 14 | 38 | 22† | 34 | 1.20 | −2.11 | 1.20 | 0 | 1 | 22 | 4 | 5 | n. | W. H. Trimmer. |
| Panama City | Bay | 14 | 19 | 69.4 | −0.6 | 92 | 10† | 40 | 22 | 29 | 3.60 | −0.62 | 2.42 | 0 | 4 | 20 | 4 | 7 | n. | E. M. Goodson. |
| Pensacola | Escambia | 151 | 36 | 69.6 | +0.2 | 85 | 10 | 42 | 21 | 27 | 1.32 | −2.76 | 1.24 | 0 | 7 | 19 | 6 | 6 | ne. | U.S. Weather Bureau |
| Wausau | Washington | 250 | 17 | ..... | ..... | ..... | ..... | ..... | ..... | .. | 2.40 | −0.43 | 1.10 | 0 | 6 | 12 | 15 | 4 | ..... | Curtis Jones. |
| State means and extremes | | ..... | .... | 73.5 | +0.5 | 95 | 19 | 34 | 22 | 39 | 4.13 | +0.04 | 4.82 | 0 | 10 | 13 | 10 | 8 | ne. | |

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete records are used in determining section or division means.

Reference letters, [a], [b], [c], appearing in the table indicate number of days missing; for example, [b] represents two days, etc.

†Also on other dates. § Name changed from Grasmere.

‡‡Post-office addresses of these stations are as follows: of McDonald, Plymouth; Griffin, Fort Lauderdale; Isleworth, Windermere; Lock No. 1, Fort Lauderdale; Merritts Island, Georgiana; Morton's Farm, Jacksonville; Sand Key, Key West.

T. Precipitation is less than 0.01 inch rain or melted snow.

## Daily precipitation for October, 1916.

| Stations. | Watershed. | Day of month. 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Northern Division.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Archer ‖ ‖ | Waccassassa | | | | | | .02 | .50 | .05 | | | .12 | | | | | | | | | .28 | .99 | | | | | | .12 | | | .28 | | 2.36 |
| Bristol | Apalachicola | | | | | .12 | .03 | .05 | .10 | | | | | | | | | | 2.60 | .03 | | | | | | | | | | | | | 2.93 |
| Carrabelle | Coast | | | | | .30 | .28 | | | | .33 | | | | | | | | 3.00 | | | | | | | | | | | | | | 3.91 |
| Cedar Keys | .... do | | | | | .30 | | | | | | .50 | | | | | | | .15 | 2.00 | .40 | | | | | | | | | | | | 3.35 |
| Crescent City | St. Johns | .10 | | | | .24 | .24 | .09 | | .03 | | .78 | | .02 | | | | | | .77 | .04 | | | | .19 | .28 | 1.27 | .02 | .08 | .03 | | | 4.18 |
| Federal Point | .... do | T. | .09 | | T. | .08 | 1.22 | T. | .01 | .15 | | .30 | | .13 | | | | | | .04 | .40 | | | | .04 | .85 | 1.27 | .08 | .03 | .04 | .02 | | 4.75 |
| Fenholloway | Fenholloway | | | | .07 | | .70 | | | | .70 | | | | | | | | 1.10 | .28 | .06 | | | | | | .07 | | | | | | 2.98 |
| Fernandina | Coast | 1.88 | 1.30 | T. | 1.10 | .02 | .80 | T. | T. | | .09 | .11 | .01 | .25 | T. | | | | T. | | | | | | | | .66 | T. | T. | .04 | .25 | T. | 6.51 |
| Gainesville ‖ ‖ | Lake | | | | | T. | .11 | .21 | T. | | | .16 | | | | | | | | .03 | .22 | .86 | | | | .01 | .08 | .24 | | T. | .11 | .01 | 2.04 |
| Hilliard | Nassau | | | | .55 | .03 | .40 | | | | 1.21 | .02 | | | | | | | | | .52 | | | | | | | | | .26 | | | 2.99 |
| **Jacksonville ***** | St. Johns | .33 | .18 | .03 | .12 | .03 | 2.73 | .01 | .04 | | .23 | | .18 | .02 | | | | | T. | .03 | .01 | | | | .04 | .16 | .19 | .01 | .40 | .01 | .02 | T. | 4.77 |
| Jasper | Suwanee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Johnstown | .... do | | | | T. | | 1.88 | T. | .01 | | .58 | 1.50 | | | | | | | T. | .70 | T. | | | | | | | | T. | | T. | | 4.67 |
| Lake City ‖ ‖ | .... do | | | | | .60 | .25 | .93 | | T. | T. | T. | | | | | | | | 1.30 | .15 | | | | | | .03 | | | T. | | T. | 3.26 |
| Live Oak | .... do | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Macclenny | St. Marys | T. | | | .25 | | 1.37 | | | | 3.65 | | | | | | | | | | .21 | | | | | | .10 | | | | | | 5.58 |
| Madison ‖ ‖ | Suwanee | | | | | .26 | .02 | .44 | | T. | | .76 | | | | | | | | 1.75 | | | | | | | .09 | | | | | T. | 3.32 |
| Melrose | Lake | | | | .05 | .05 | .65 | | | | .30 | | | | | | | | | | .40 | | | | | .02 | | .21 | | .33 | | | 2.01 |
| Middleburg | St. Johns | | | | .05 | | .90 | | | | | .72 | | | | | | | | | | | | | | | .70 | | .16 | | .20 | | 2.67 |
| Monticello | Aucilla | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Morton's Farm ‖ ‖ | St. Johns | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mount Pleasant | Apalachicola | | | | .09 | .24 | T. | | | | | | | | | | | | 2.00 | | | | | | | | | | | | | | 2.33 |
| Newport | St. Marks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quincy | Oclockonee | | | | .12 | .16 | T. | | | T. | | | | | | | | | 3.20 | | | | | | | | | | | | | | 3.48 |
| St. Augustine | Coast | .59 | 1.10 | | .14 | .03 | 1.26 | | | | | .60 | | | | | | | | | .70 | | | | .10 | 1.25 | .98 | .25 | .31 | .80 | | | 8.11 |
| Satsuma Heights | St. Johns | | | | | .35 | .21 | | | | | 1.53 | | | | | | | .05 | .59 | | | | | .38 | .30 | .10 | | .20 | | .02 | | 3.73 |
| Switzerland | .... do | 1.36 | | | | * | 1.24 | | | | .24 | | .16 | | | | | | | .37 | .66 | | | | .30 | | * | .70 | .25 | | | | 5.28 |
| Tallahassee ‖ ‖ | Oclockonee | | | | | .22 | | .18 | T. | | | | | | | | | | | 4.26 | .01 | | | | | | | | | | | | 4.67 |
| *Central Division* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bartow ‖ ‖ | Peace Creek | .03 | .04 | | | | | .36 | 1.38 | .10 | | | | | | | | | | | | .05 | | | | | .30 | .12 | .03 | .50 | .18 | .01 | 3.10 |
| Bassenger (near) | Kissimmee | | | | | .14 | T. | T. | .11 | T. | | | | | | T. | T. | | | | .07 | | | | .12 | .48 | .29 | .43 | .08 | 1.12 | | | 2.84 |
| Brooksville (1) | Withlac'che | | | | | | .10 | 1.85 | | | | | | | | | | | | | | | | | | | .20 | | | .82 | | | 2.97 |
| Brooksville (2) | .... do | | | | T. | | .07 | .55 | .04 | .01 | | .01 | | | | | | | | T. | .02 | | | | | .08 | .06 | T. | .04 | .82 | | | 1.70 |
| Clermont | Lake | | | | | | | | | | | | | | | | | | | | | | | §§ | 1.90 | .09 | .03 | | .18 | .44 | | | 2.64 |
| Coleman ‖ ‖ | Withlac'che | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| De Land ‖ ‖ | St. Johns | T. | 1.10 | .02 | | .01 | 1.00 | .10 | .22 | | .01 | | | 1.20 | .02 | | | | | | | | .22 | | | .09 | .60 | .43 | 1.15 | .55 | .20 | | 6.92 |
| Eustis ‖ ‖ | Lake | 1.26 | | | .02 | | .28 | .50 | | .16 | | .03 | .50 | | | | | | | | .01 | .15 | | | | .10 | 1.00 | .68 | .04 | .32 | .46 | T. | 5.51 |
| Fellsmere | Sebastian | 1.03 | .40 | | | .44 | .37 | .98 | | .08 | | .01 | .05 | .13 | .22 | | | | | | .23 | | | | .32 | .91 | .80 | .99 | .88 | 1.05 | .55 | | 9.44 |
| Fort Meade | Peace Creek | .35 | | | | | | .20 | .95 | T. | | T. | | | | | T. | T. | | | .30 | | | | | .13 | .06 | T. | .13 | .77 | | | 2.89 |
| Fort Pierce ‖ ‖ | Indian | .75 | 1.56 | | | .92 | .12 | | .32 | | | | | | | | | | .26 | | | | | | .25 | .65 | .68 | 2.80 | .12 | .86 | .24 | .81 | 10.34 |
| Inverness ‖ ‖ | Withlac'che | | | | | | .42 | 2.00 | | | | | | | | | | | | | | | | | | .29 | | | .08 | .30 | | | 3.09 |
| Isleworth | Lake | | | | | | .50 | | .20 | | | | | | | | | | | | | | | | .25 | .53 | | .25 | | .33 | | | 2.06 |
| Kissimmee | Kissimmee | | | | | .25 | | .65 | | | | | | | | | | | | | | | | | | .51 | | .40 | .50 | .25 | | | 2.56 |
| Lakeland | Peace Creek | | | | | | 1.20 | .16 | .38 | | | .15 | | | | | | | | .16 | | | | | | .07 | .22 | T. | | | | | 2.33 |
| Lucerne Park | .... do | | | | | .20 | .30 | 1.50 | 1.59 | | | | | | | | | | | | | | | | | .26 | .30 | .20 | .10 | .57 | .10 | | 5.12 |
| Lynne (near) | Ocklawaha | .08 | | | | | .19 | .20 | | | | .19 | | | | | | | | .18 | .02 | | | | | .06 | .25 | .02 | .05 | .04 | .02 | | 1.40 |
| Malabar | Indian | 2.55 | .13 | | | .45 | .64 | | | .03 | | .10 | T. | | T. | | | | .25 | | | | | | | .97 | .50 | .50 | 2.86 | 3.32 | .16 | T. | 12.46 |
| McDonald | Lake | .20 | .01 | | | .35 | .93 | .38 | .12 | | | .09 | | | | | | | | | .03 | | | | .04 | .32 | .38 | .03 | .20 | .98 | | .01 | 4.07 |
| Merritts Island | Indian | .03 | .02 | T. | | .56 | .10 | .21 | | .09 | | | .11 | .28 | T. | | | T. | | | | | | .14 | .25 | .81 | 1.12 | .22 | 1.05 | 1.28 | 2.50 | T. | 8.77 |
| New Smyrna ‖ ‖ | Coast | 1.63 | .23 | .02 | .04 | | .41 | .27 | .08 | | | .05 | .56 | | | | | | | | .17 | | | | .63 | .17 | .87 | .93 | 2.14 | .10 | .23 | | 8.53 |
| Ocala | Ocklawaha | | | | | | .15 | 2.22 | | | .43 | | | | | | | | | .06 | | | | | | | .01 | .03 | .26 | | | .02 | 3.18 |
| Orange City | St. Johns | | .28 | | | | .33 | .15 | | | | .24 | .40 | | | | | | | | | | | | .38 | .35 | .73 | .25 | .67 | .44 | .28 | | 4.50 |
| Orlando ‖ ‖ | .... do | .41 | | | | | | .74 | .04 | .02 | | | .47 | .04 | | | | | | | .21 | .10 | | | .35 | .17 | .26 | .42 | .32 | .70 | .32 | .01 | 4.58 |
| Pinellas Park | Coast | | | | | | .05 | | T. | T. | | | | | | | | | | .19 | T. | | | | | .38 | .22 | | .01 | .16 | | | 1.01 |
| Plant City | Hillsboro | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rockwell | Withlac'che | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| St. Cloud | Kissimmee | T. | | | | | .66 | .42 | | | | | | | | | | | | | | | | | | .20 | .40 | .45 | | .65 | | | 2.78 |
| St. Leo | Withlac'che | | | | | T. | .16 | T. | | | | | | | | | | | | | .03 | | | | | .36 | .19 | | .07 | .26 | | | 1.07 |
| St. Petersburg | Coast | | | | | | .06 | .05 | .06 | | T. | | | | | | | | | .08 | T. | | | | | .06 | .03 | T. | | .50 | | | 0.84 |
| Sanford ‖ ‖ | St. Johns | 1.25 | | | | | .34 | .81 | | .04 | | | .98 | | | | | | | | | | | | .56 | .16 | .61 | .71 | .76 | .50 | .22 | | 6.94 |
| Tampa *** | Coast | T. | | | T. | T. | .34 | T. | .29 | T. | | .01 | | | | | | | T. | | | | | | | .03 | .07 | T. | .01 | .02 | | | 0.77 |
| Tarpon Springs | .... do | | | | | | .26 | | | | | | | | | | | | | | | | | | | .02 | .11 | | | .29 | | | 0.78 |
| Titusville | Indian | .09 | | | | .72 | .22 | 1.33 | .03 | .01 | | .04 | .04 | .31 | | | | | | | | | | | .60 | .55 | 1.17 | .39 | .14 | .66 | 1.80 | | 8.10 |
| *Southern Division.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arcadia | Peace Creek | | .55 | | | | | .39 | | .32 | | | | | | | | | | | .39 | | | | | | 1.10 | | .10 | | .02 | | 2.87 |
| Avon Park | Kissimmee | .06 | | | | .05 | .20 | .25 | .08 | .16 | | | | | | | | | | | | | | | | .43 | .49 | .08 | .33 | .64 | | | 2.72 |
| Boca Grande | Coast | | .62 | | | | .14 | | | .20 | | | | | | | | | | | | | | | | .27 | .15 | | | | 1.16 | .93 | 3.47 |
| Bradentown | Manatee | | | | | | .38 | .11 | .50 | | | | | | | | | | | .41 | .62 | | | | | | | | | | | | 2.02 |
| Davie | New | .05 | | | | .96 | .30 | .03 | .02 | .05 | | | .25 | .98 | .58 | | .01 | T. | | | T. | .03 | | T. | .02 | .50 | .48 | .06 | .32 | .12 | .05 | .51 | 5.32 |
| Eddy ‖ ‖ | Caloosahatchee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fort Lauderdale ‖ ‖ | New | .97 | .02 | | | .27 | .28 | .19 | .44 | .20 | | | .12 | .30 | .74 | 1.80 | .24 | | | | T. | .03 | | | .20 | .06 | .78 | T. | .25 | .56 | .30 | .15 | 7.90 |
| Fort Myers ‖ ‖ | Caloosahatchee | | .06 | | | | .01 | .60 | | .02 | | | .05 | | | | | | | | | | | | | .01 | .50 | | | .01 | .38 | .41 | 2.05 |
| Griffin | New | .52 | .18 | | | .15 | .22 | | | .14 | | | .42 | .76 | .58 | | | | | | | .10 | | | .10 | .78 | .14 | | .12 | .75 | .10 | .31 | 5.37 |
| Homestead | Coast | 2.36 | .04 | | .05 | .53 | .52 | 1.04 | .03 | .09 | | | .48 | .21 | .46 | .07 | .06 | | | | .10 | | | | | 3.22 | .08 | T. | .85 | 2.59 | 1.53 | .03 | 14.34 |
| Hypoluxo | Lake | | 1.12 | | | .27 | .32 | | | | | | .46 | .05 | .30 | | .25 | | | | | | | | | 1.54 | .94 | .18 | .44 | 3.98 | .02 | .64 | 10.51 |
| Key West *** | Coast | 1.25 | .31 | | | .90 | .08 | | .01 | | | | T. | T. | .09 | | | | .04 | | T. | T. | | | | .43 | T. | T. | .01 | .17 | .03 | .06 | 3.38 |
| Lock No. 1 ‖ ‖ | North New-river Canal | .01 | | | T. | .65 | .20 | .25 | T. | T | .30 | | | .95 | 1.45 | .20 | | | | | | T. | | | .10 | .65 | | .20 | .60 | .65 | | .35 | 6.56 |
| Long Key | Coast | .08 | | .02 | | .38 | .83 | | .60 | .04 | | | .06 | .03 | .12 | | | | | | .17 | | | | | .02 | | | .01 | .06 | 1.22 | .42 | 4.06 |
| Miami (1) *** | .... do | | | | 1.64 | .16 | | .09 | | T. | | | .41 | .19 | .04 | .24 | | | | | | | | | .66 | .27 | .20 | .06 | .65 | .02 | .39 | .01 | 5.03 |
| Miami (2) | .... do | .05 | | | 1.22 | .39 | | | .08 | .01 | | | .36 | .46 | .05 | .28 | | | | | | | | | | .62 | .52 | .08 | .51 | .14 | | .05 | 4.82 |
| Punta Gorda | .... do | | | | .17 | | | .22 | | | | | .41 | | | | | | | | | | | | | .14 | | .06 | .10 | .08 | .18 | | 1.36 |
| Ritta | Caloosahatchee | .39 | T. | | | .58 | | | | .25 | | .30 | T. | .05 | T. | | .06 | T. | | | | | | | T. | .68 | .32 | .34 | .05 | .16 | T. | 1.02 | 4.20 |
| Sand Key *** | Coast | .02 | T. | | | .43 | .41 | | .03 | T. | | | | .12 | .01 | | T. | .03 | | | | T. | | | T. | .11 | T. | T. | T. | .10 | .10 | T. | 1.36 |
| *Western Division.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apalachicola | Coast | | | | .01 | .22 | .33 | .01 | | | .74 | | | | | | | .04 | 4.82 | | | | | | | | | | | T. | | | 6.17 |
| Bonifay | Choctawhatchee | | | | T. | T. | | | | | .02 | | | | | | .50 | T. | 1.68 | | | | | | | | | | | | | | 2.20 |
| De Funiak Springs ‖ ‖ | .... do | | | | | .07 | | | | | | | | | | | | .01 | .20 | 2.02 | | | | | | | | | | | | | 2.30 |
| Garniers (near) | Coast | | | | | | | | .08 | | | | | | | | | | 2.92 | | | | | | | | | | | | | | 3.00 |
| Marianna ‖ ‖ | Apalachicola | | | | | .24 | | | | | .06 | | | | | | | | | 1.70 | .07 | | | | | | | | | | | | 2.07 |
| Molino | Escambia | | | | | | | | | | | | | | | | | | 1.20 | | | | | | | | | | | | | | 1.20 |
| Panama City | Coast | | | | | .28 | | | | .83 | .07 | | | | | | | | 2.42 | | | | | | | | | | | | | | 3.60 |
| Pensacola *** | .... do | | | | T. | .01 | .02 | .01 | | .02 | .02 | | | | | | T. | .05 | 1.19 | | T. | | | | | | | | | | | | 1.32 |
| Wansau ‖ ‖ | Choctawhatchee | | | .20 | .35 | T. | | | | T. | .05 | .20 | | | | .50 | T. | | | 1.10 | | | | | | | | | | | | | 2.40 |

Except as otherwise indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for 24 hours ending at the time of observation.

*** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.

‖ ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. * Precipitation included in the next following measurement.

T. Trace, or less than 0.01 inch.

§§ Next measurement is accumulated amount since October 1st.

**Daily temperatures for October, 1916.**

| Stations. | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Northern Division.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cedar Keys | Maximum | 85 | 84 | 82 | 83 | 85 | 87 | 89 | 90 | 91 | 90 | 82 | 86 | 88 | 90 | 89 | 89 | 83 | 80 | 82 | 82 | 80 | 78 | 78 | 80 | 83 | 87 | 82 | 84 | 88 | 86 | 87 | 84.8 |
| | Minimum | 61 | 60 | 55 | 60 | 62 | 65 | 67 | 70 | 74 | 74 | 66 | 60 | 63 | 65 | 66 | 71 | 70 | 74 | 72 | 68 | 69 | 44 | 48 | 50 | 51 | 52 | 66 | 65 | 58 | 64 | 61 | 62.9 |
| Crescent City | Maximum | 83 | 82 | 72 | 73 | 86 | 86 | 90 | 90 | 90 | 90 | 76 | 32 | 86 | 86 | 88 | 88 | 87 | 81 | 91 | 87 | 78 | 74 | 76 | 69 | 84 | 78 | 73 | 80 | 84 | 81 | 81 | 82.3 |
| | Minimum | 65 | 64 | 55 | 62 | 59 | 70 | 72 | 72 | 70 | 65 | 69 | 66 | 65 | 63 | 64 | 64 | 63 | 70 | 73 | 72 | 53 | 45 | 51 | 60 | 67 | 68 | 67 | 66 | 69 | 67 | 66 | 64.6 |
| Fernandina | Maximum | 70 | 69 | 74 | 71 | 77 | 74 | 78 | 83 | 84 | 87 | 73 | 75 | 84 | 82 | 82 | 83 | 84 | 80 | 85 | 85 | 82 | 67 | 67 | 67 | 73 | 68 | 71 | 73 | 71 | 72 | 74 | 76.3 |
| | Minimum | 60 | 62 | 59 | 60 | 63 | 70 | 69 | 71 | 70 | 67 | 64 | 63 | 66 | 64 | 66 | 66 | 67 | 72 | 74 | 68 | 51 | 45 | 55 | 57 | 64 | 65 | 55 | 64 | 66 | 66 | 63 | 63.6 |
| Gainesville §§ | Maximum | 80 | 78 | 80 | 72 | 88 | 84 | 88 | 91 | 91 | 90 | 75 | 82 | 86 | 87 | 88 | 91 | 88 | 81 | 86 | 85 | 69 | 70 | 73 | 73 | 82 | 70 | 78 | 78 | 82 | 77 | 78 | 81.3 |
| | Minimum | 60 | 61 | 53 | 57 | 61 | 71 | 70 | 71 | 72 | 65 | 63 | 58 | 64 | 61 | 63 | 65 | 66 | 71 | 73 | 69 | 47 | 39 | 45 | 53 | 60 | 66 | 65 | 59 | 64 | 68 | 64 | 62.1 |
| **Jacksonville** | Maximum | 68 | 68 | 74 | 69 | 79 | 74 | 78 | 84 | 84 | 86 | 71 | 73 | 81 | 81 | 80 | 84 | 84 | 79 | 83 | 83 | 65 | 65 | 68 | 68 | 76 | 68 | 69 | 71 | 75 | 71 | 72 | 75.2 |
| | Minimum | 60 | 59 | 55 | 60 | 68 | 70 | 70 | 72 | 72 | 68 | 61 | 58 | 65 | 65 | 69 | 70 | 71 | 74 | 74 | 65 | 50 | 43 | 51 | 56 | 65 | 64 | 64 | 61 | 68 | 66 | 64 | 63.8 |
| Lake City §§ | Maximum | 74 | 80 | 80 | 70 | 88 | 76 | 86 | 88 | 91 | 92 | 74 | 83 | 88 | 88 | 88 | 91 | 89 | 78 | 87 | 88 | 67 | 70 | 72 | 70 | 82 | 79 | 78 | 78 | 80 | 75 | 76 | 80.8 |
| | Minimum | 56 | 59 | 52 | 53 | 62 | 66 | 68 | 70 | 72 | 68 | 61 | 55 | 56 | 60 | 60 | 65 | 66 | 69 | 69 | 69 | 46 | 39 | 42 | 49 | 54 | 65 | 62 | 55 | 56 | 67 | 63 | 59.8 |
| Live Oak | Maximum | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| | Minimum | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| Macclenny | Maximum | 71 | 74 | 80 | 79 | 85 | 77 | 85 | 88 | 89 | 89 | 68 | 79 | 84 | 85 | 87 | 89 | 89 | 81 | .... | 86 | 79 | 70 | 70 | 68 | 79 | 73 | 76 | 75 | 79 | 75 | .... | 79.6[b] |
| | Minimum | 59 | 60 | 62 | 54 | 60 | 60 | 70 | 72 | 71 | 67 | 61 | 55 | 56 | 58 | 59 | 57 | 62 | 70 | .... | 69 | 49 | 37 | 44 | 53 | 65 | 64 | 64 | 57 | 66 | 68 | .... | 60.3[b] |
| Madison §§ | Maximum | 76 | 79 | 80 | 70 | 86 | 75 | 87 | 87 | 90 | 91 | 75 | 80 | 87 | 87 | 87 | 88 | 84 | 77 | 86 | 85 | 65 | 68 | 71 | 75 | 80 | 77 | 77 | 77 | 87 | 73 | 79 | 80.2 |
| | Minimum | 58 | 58 | 53 | 57 | 63 | 66 | 70 | 72 | 73 | 71 | 62 | 56 | 57 | 62 | 62 | 63 | 67 | 70 | 70 | 69 | 45 | 41 | 45 | 49 | 51 | 65 | 55 | 56 | 57 | 65 | 61 | 60.3 |
| Monticello | Maximum | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| | Minimum | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| Mount Pleasant | Maximum | 78 | 80 | 79 | 76 | 85 | 77 | 85 | 87 | 91 | 91 | 79 | 81 | 86 | 90 | 89 | 91 | 83 | 75 | 86 | 85 | 67 | 67 | 69 | 72 | 81 | 80 | 78 | 80 | 84 | 82 | 80 | 81.1 |
| | Minimum | 51 | 50 | 51 | 59 | 63 | 70 | 69 | 72 | 71 | 69 | 62 | 54 | 56 | 56 | 62 | 60 | 62 | 65 | 75 | 66 | 39 | 35 | 36 | 37 | 45 | 60 | 45 | 45 | 62 | 62 | 57 | 57.0 |
| St. Augustine | Maximum | 79 | 77 | 71 | 76 | 85 | 80 | 80 | 82 | 83 | 84 | 77 | 78 | 81 | 80 | 82 | 84 | 84 | 83 | 89 | 88 | 76 | 72 | 70 | 71 | 76 | 75 | 72 | 77 | 80 | 79 | 74 | 78.9 |
| | Minimum | 62 | 57 | 58 | 62 | 64 | 69 | 75 | 72 | 72 | 68 | 68 | 68 | 67 | 64 | 64 | 64 | 66 | 75 | 75 | 70 | 57 | 45 | 49 | 50 | 70 | 69 | 69 | 71 | 70 | 68 | 65 | 65.3 |
| Tallahassee §§ | Maximum | 76 | 79 | 80 | 71 | 84 | 76 | 84 | 86 | 83 | 89 | 78 | 80 | 84 | 87 | 85 | 86 | 84 | 76 | 85 | 84 | 63 | 68 | 70 | 76 | 74 | 79 | 76 | 79 | 82 | 79 | 79 | 79.6 |
| | Minimum | 55 | 59 | 56 | 62 | 64 | 67 | 69 | 72 | 73 | 72 | 65 | 56 | 59 | 63 | 66 | 65 | 67 | 70 | 65 | 67 | 43 | 41 | 47 | 50 | 53 | 63 | 64 | 52 | 56 | 65 | 60 | 60.8 |
| *Central Division.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bartow §§ | Maximum | 87 | 85 | 81 | 88 | 86 | 85 | 87 | 83 | 87 | 87 | 84 | 85 | 84 | 92 | 87 | 87 | 86 | 82 | 89 | 86 | 76 | 75 | 79 | 85 | 77 | 79 | 74 | 81 | 80 | 83 | 76 | 83.6 |
| | Minimum | 68 | 66 | 57 | 56 | 57 | 71 | 70 | 71 | 72 | 64 | 66 | 69 | 67 | 62 | 62 | 63 | 63 | 69 | 73 | 69 | 60 | 44 | 50 | 55 | 65 | 68 | 69 | 65 | 70 | 71 | 68 | 64.4 |
| Bassenger (near) | Maximum | 89 | 88 | 90 | 83 | 89 | 90 | 92 | 90 | 88 | 87 | 88 | 87 | 88 | 86 | 87 | 88 | 89 | 89 | 91 | 92 | 82 | 79 | 82 | 82 | 82 | 84 | 83 | 83 | 82 | 88 | 79 | 86.4 |
| | Minimum | 68 | 65 | 67 | 62 | 72 | 73 | 74 | 76 | 70 | 63 | 65 | 64 | 63 | 65 | 63 | 67 | 65 | 67 | 70 | 72 | 67 | 49 | 53 | 65 | 63 | 70 | 71 | 69 | 68 | 69 | 69 | 66.6 |
| Brooksville (2) | Maximum | 84 | 83 | 81 | 77 | 87 | 84 | 89 | 89 | 91 | 89 | 81 | 86 | 87 | 86 | 88 | 91 | 84 | 84 | 91 | 89 | 76 | 73 | 79 | 78 | 85 | 77 | 80 | 84 | 81 | 81 | 81 | 83.7 |
| | Minimum | 63 | 63 | 54 | 56 | 57 | 71 | 73 | 73 | 71 | 62 | 66 | 65 | 62 | 58 | 60 | 60 | 62 | 68 | 71 | 70 | 52 | 36 | 45 | 53 | 66 | 68 | 64 | 69 | 70 | 66 | 66 | 62.6 |
| De Land §§ | Maximum | 82 | 81 | 69 | 77 | 83 | 84 | 86 | 86 | 87 | 85 | 73 | 82 | 82 | 84 | 86 | 87 | 86 | 83 | 89 | 88 | 69 | 77 | 73 | 78 | 81 | 78 | 74 | 80 | 82 | 80 | 76 | 81.1 |
| | Minimum | 67 | 65 | 58 | 63 | 58 | 71 | 72 | 70 | 69 | 66 | 69 | 67 | 69 | 62 | 63 | 62 | 64 | 69 | 73 | 70 | 57 | 46 | 50 | 64 | 70 | 59 | 59 | 66 | 66 | 70 | 66 | 64.5 |
| Eustis §§ | Maximum | 84 | 82 | 72 | 77 | 88 | 82 | 91 | 90 | 90 | 87 | 80 | 83 | 85 | 85 | 88 | 90 | 86 | 80 | 93 | 90 | 73 | 72 | 75 | 75 | 83 | 77 | 72 | 82 | 81 | 76 | 72 | 82.1 |
| | Minimum | 66 | 65 | 58 | 60 | 62 | 69 | 73 | 72 | 71 | 67 | 70 | 67 | 66 | 64 | 65 | 65 | 65 | 70 | 73 | 73 | 56 | 47 | 51 | 54 | 64 | 69 | 69 | 67 | 70 | 71 | 67 | 65.4 |
| Fort Pierce §§ | Maximum | 87 | 85 | 81 | 85 | 81 | 88 | 88 | 86 | 85 | 85 | 84 | 84 | 84 | 83 | 84 | 86 | 86 | 87 | 88 | 92 | 82 | 76 | 78 | 81 | 77 | 80 | 82 | 80 | 80 | 82 | 80 | 83.5 |
| | Minimum | 68 | 68 | 65 | 64 | 69 | 71 | 76 | 75 | 75 | 76 | 70 | 74 | 74 | 75 | 77 | 75 | 75 | 73 | 75 | 74 | 73 | 55 | 58 | 63 | 70 | 72 | 70 | 73 | 73 | 72 | 71 | 70.9 |
| Inverness §§ | Maximum | 82 | 82 | 78 | 76 | 89 | 83 | 81 | 87 | 89 | 87 | 76 | 84 | 86 | 87 | 87 | 89 | 85 | 83 | 93 | 89 | 73 | 74 | 77 | 75 | 83 | 74 | 78 | 81 | 82 | 78 | 79 | 82.2 |
| | Minimum | 63 | 64 | 56 | 60 | 62 | 66 | 73 | 71 | 72 | 68 | 70 | 63 | 65 | 63 | 65 | 67 | 65 | 70 | 73 | 72 | 53 | 45 | 49 | 53 | 61 | 69 | 68 | 63 | 66 | 70 | 67 | 64.3 |
| Kissimmee | Maximum | 87 | 84 | 78 | 77 | 84 | 87 | 90 | 89 | 88 | 89 | 85 | 85 | 85 | 85 | 86 | 87 | 87 | 87 | 91 | 89 | 82 | 76 | 78 | 86 | 81 | 82 | 80 | 81 | 82 | 80 | 78 | 84.1 |
| | Minimum | 68 | 66 | 61 | 63 | 63 | 71 | 71 | 74 | 70 | 68 | 70 | 69 | 68 | 65 | 66 | 66 | 66 | 70 | 75 | 72 | 63 | 49 | 54 | 60 | 70 | 71 | 70 | 69 | 67 | 70 | 68 | 66.9 |
| Malabar | Maximum | 84 | 84 | 82 | 83 | 80 | 86 | 90 | 86 | 89 | 86 | 81 | 84 | 85 | 84 | 90 | 89 | 88 | 86 | 95 | 93 | 80 | 77 | 77 | 89 | 80 | 81 | 81 | 80 | 78 | 81 | 79 | 84.1 |
| | Minimum | 70 | 73 | 64 | 62 | 72 | 73 | 74 | 76 | 78 | 70 | 70 | 74 | 75 | 73 | 75 | 77 | 72 | 72 | 75 | 73 | 69 | 54 | 58 | 63 | 66 | 72 | 65 | 70 | 71 | 72 | 71 | 70.3 |
| Merritts Island | Maximum | 83 | 81 | 78 | 76 | 78 | 82 | 85 | 89 | 85 | 84 | 80 | 81 | 81 | 83 | 84 | 85 | 85 | 85 | 88 | 88 | 83 | 73 | 72 | 82 | 78 | 76 | 80 | 80 | 81 | 78 | 77 | 81.3 |
| | Minimum | 71 | 74 | 65 | 65 | 70 | 72 | 73 | 74 | 75 | 70 | 72 | 71 | 69 | 71 | 74 | 74 | 72 | 75 | 75 | 75 | 66 | 55 | 59 | 65 | 71 | 69 | 71 | 68 | 71 | 72 | 69 | 70.1 |
| Ocala | Maximum | 79 | 79 | 75 | 70 | 85 | 82 | 85 | 84 | 86 | 85 | 79 | 80 | 82 | 84 | 84 | 83 | 85 | 81 | 86 | 84 | 76 | 70 | 70 | 80 | 75 | 78 | 79 | 78 | 81 | 75 | 76 | 79.9 |
| | Minimum | 61 | 63 | 54 | 57 | 60 | 63 | 71 | 71 | 70 | 65 | 67 | 62 | 64 | 62 | 63 | 61 | 61 | 62 | 69 | 70 | 51 | 40 | 47 | 57 | 67 | 62 | 64 | 64 | 66 | 68 | 65 | 62.2 |
| Orlando §§ | Maximum | 87 | 88 | 80 | 74 | 87 | 86 | 93 | 93 | 92 | 92 | 88 | 86 | 88 | 87 | 88 | 90 | 90 | 86 | 92 | 91 | 77 | 78 | 81 | 87 | 85 | 78 | 75 | 86 | 84 | 80 | 78 | 85.4 |
| | Minimum | 67 | 64 | 58 | 62 | 64 | 69 | 71 | 70 | 70 | 68 | 69 | 68 | 67 | 66 | 64 | 65 | 64 | 62 | 60 | 70 | 60 | 52 | 52 | 57 | 64 | 69 | 70 | 67 | 67 | 70 | 68 | 65.0 |
| St. Leo | Maximum | 84 | 81 | 79 | 73 | 86 | 82 | 87 | 88 | 89 | 86 | 83 | 84 | 85 | 85 | 86 | 86 | 85 | 84 | 88 | 88 | 76 | 71 | 78 | 80 | 82 | 78 | 76 | 82 | 80 | 80 | 78 | 82.3 |
| | Minimum | 64 | 64 | 57 | 61 | 62 | 71 | 72 | 73 | 68 | 69 | 69 | 64 | 65 | 64 | 65 | 66 | 67 | 70 | 72 | 73 | 55 | 46 | 52 | 59 | 66 | 68 | 67 | 66 | 68 | 70 | 66 | 65.2 |
| Sanford §§ | Maximum | 84 | 84 | 74 | 74 | 86 | 84 | 90 | 90 | 89 | 89 | 83 | 84 | 85 | 86 | 87 | 88 | 88 | 85 | 90 | 90 | 75 | 75 | 78 | 84 | 83 | 78 | 74 | 83 | 84 | 78 | 77 | 83.2 |
| | Minimum | 63 | 66 | 58 | 63 | 61 | 70 | 71 | 71 | 71 | 67 | 69 | 68 | 64 | 66 | 66 | 64 | 64 | 68 | 74 | 72 | 58 | 50 | 52 | 56 | 64 | 69 | 70 | 67 | 69 | 70 | 67 | 65.6 |
| Tampa | Maximum | 86 | 84 | 80 | 75 | 87 | 83 | 84 | 89 | 89 | 88 | 85 | 85 | 86 | 86 | 86 | 86 | 84 | 84 | 86 | 85 | 73 | 72 | 80 | 82 | 84 | 79 | 78 | 84 | 82 | 80 | 78 | 82.9 |
| | Minimum | 67 | 64 | 60 | 64 | 63 | 73 | 75 | 74 | 74 | 71 | 70 | 68 | 68 | 66 | 67 | 69 | 70 | 71 | 75 | 73 | 54 | 49 | 53 | 60 | 69 | 70 | 68 | 68 | 71 | 70 | 65 | 67.1 |
| Tarpon Springs | Maximum | 88 | 85 | 76 | 76 | 89 | 83 | 83 | 87 | 90 | 88 | 84 | 87 | 88 | 89 | 90 | 89 | 85 | 84 | 85 | 84 | 78 | 68 | 72 | 82 | 84 | 75 | 81 | 86 | 80 | 78 | 76 | 82.9 |
| | Minimum | 66 | 65 | 59 | 62 | 65 | 73 | 73 | 73 | 73 | 67 | 69 | 67 | 66 | 64 | 64 | 68 | 70 | 72 | 74 | 73 | 62 | 46 | 50 | 58 | 64 | 69 | 69 | 65 | 68 | 69 | 68 | 66.2 |
| Titusville | Maximum | 83 | 82 | 78 | 75 | 79 | 84 | 86 | 84 | 84 | 86 | 80 | 82 | 81 | 82 | 83 | 85 | 86 | 83 | 92 | 92 | 77 | 74 | 76 | 80 | 76 | 76 | 80 | 80 | 79 | 80 | 77 | 81.4 |
| | Minimum | 68 | 71 | 62 | 64 | 68 | 70 | 72 | 72 | 75 | 70 | 72 | 72 | 70 | 72 | 73 | 75 | 68 | 76 | 75 | 73 | 61 | 51 | 55 | 65 | 70 | 68 | 71 | 71 | 71 | 70 | 67 | 69.0 |
| *Southern Division.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arcadia | Maximum | 92 | 90 | 86 | 84 | 87 | 83 | 92 | 90 | 91 | 88 | 87 | 87 | 88 | 88 | 88 | 85 | 89 | 89 | 90 | 92 | 84 | 81 | 82 | 82 | 83 | 81 | 78 | 85 | 86 | 85 | 88 | 86.5 |
| | Minimum | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| Avon Park | Maximum | 84 | 85 | 81 | 81 | 82 | 83 | 85 | 85 | 86 | 83 | 84 | 85 | 89 | 87 | 78 | 77 | 88 | 87 | 89 | 88 | 80 | 75 | 73 | 82 | 77 | 74 | 78 | 84 | 78 | 84 | 77 | 82.1 |
| | Minimum | 69 | 69 | 62 | 59 | 61 | 71 | 73 | 75 | 74 | 69 | 70 | 71 | 67 | 68 | 67 | 68 | 68 | 71 | 75 | 71 | 68 | 53 | 59 | 64 | 70 | 67 | 70 | 69 | 71 | 72 | 69 | 68.1 |
| Bradentown | Maximum | 87 | 86 | 78 | 79 | 88 | 82 | 83 | 89 | 90 | 89 | 87 | 87 | 88 | 89 | 91 | 88 | 89 | 88 | 87 | 86 | 76 | 72 | 77 | 84 | 82 | 82 | 78 | 85 | 84 | 84 | 79 | 84.3 |
| | Minimum | 68 | 67 | 62 | 58 | 60 | 72 | 73 | 71 | 73 | 67 | 65 | 69 | 67 | 65 | 67 | 68 | 69 | 71 | 73 | 70 | 61 | 53 | 54 | 62 | 68 | 70 | 69 | 67 | 70 | 70 | 69 | 66.8 |
| Davie | Maximum | 87 | 85 | 81 | 83 | 80 | 82 | 90 | 88 | 85 | 85 | 85 | 84 | 82 | 83 | 84 | 84 | 85 | 85 | 86 | 89 | 83 | 84 | 80 | 80 | 80 | 84 | 87 | 81 | 80 | 87 | 83 | 83.9 |
| | Minimum | 66 | 68 | 65 | 58 | 64 | 72 | 71 | 72 | 71 | 65 | 65 | 71 | 71 | 70 | 70 | 70 | 68 | 68 | 68 | 65 | 70 | 58 | 58 | 62 | 69 | 70 | 69 | 69 | 69 | 69 | 69 | 67.4 |
| Fort Lauderdale §§ | Maximum | 87 | 87 | 84 | 86 | 82 | 83 | 88 | 87 | 87 | 87 | 86 | 85 | 86 | 84 | 85 | 85 | 86 | 87 | 88 | 88 | 87 | 82 | 82 | 80 | 83 | 85 | 87 | 82 | 80 | 86 | 84 | 85.0 |
| | Minimum | 70 | 70 | 67 | 62 | 71 | 73 | 74 | 74 | 76 | 68 | 69 | 73 | 84 | 72 | 71 | 73 | 76 | 75 | 76 | 70 | 72 | 60 | 61 | 64 | 65 | 72 | 72 | 69 | 71 | 73 | 72 | 70.5 |
| Fort Myers §§ | Maximum | 89 | 88 | 83 | 83 | 86 | 84 | 89 | 89 | 90 | 89 | 88 | 87 | 73 | 88 | 88 | 87 | 89 | 87 | 88 | 89 | 81 | 75 | 80 | 81 | 81 | 82 | 80 | 85 | 86 | 85 | 80 | 85.3 |
| | Minimum | 70 | 70 | 64 | 60 | 66 | 73 | 73 | 73 | 69 | 67 | 70 | 70 | 69 | 68 | 69 | 67 | 69 | 72 | 71 | 70 | 53 | 53 | 57 | 63 | 71 | 72 | 69 | 69 | 72 | 69 | 67.4 |
| Homestead | Maximum | 89 | 89 | 83 | 86 | 87 | 81 | 93 | 89 | 87 | 87 | 87 | 87 | 87 | 85 | 85 | 86 | 86 | 86 | 89 | 89 | 85 | 82 | 81 | 79 | 82 | 85 | 86 | 80 | 84 | 85 | 82 | 85.5 |
| | Minimum | 65 | 67 | 68 | 60 | 66 | 72 | 72 | 70 | .... | 66 | 65 | 71 | 70 | 71 | 70 | 72 | 73 | 73 | 70 | 68 | 71 | 61 | 61 | 63 | 67 | 67 | 69 | 71 | 69 | 72 | 71 | 68.4[a] |
| Hypoluxo | Maximum | 87 | 88 | 88 | 83 | 83 | 86 | 90 | 86 | 86 | 87 | 86 | 86 | 84 | 86 | 85 | 88 | 89 | 88 | 89 | 91 | 86 | 82 | 89 | 85 | 79 | 81 | 87 | 82 | 80 | 87 | 83 | 85.7 |
| | Minimum | 70 | 70 | 67 | 60 | 73 | 74 | 74 | 75 | 79 | 74 | 74 | 73 | 74 | 72 | 75 | 74 | 75 | 74 | 77 | 71 | 71 | 69 | 59 | 64 | 72 | 74 | 70 | 71 | 70 | 74 | 71 | 71.6 |
| Key West | Maximum | 86 | 86 | 83 | 82 | 83 | 85 | 87 | 88 | 86 | 86 | 84 | 85 | 85 | 86 | 85 | 86 | 85 | 85 | 86 | 87 | 84 | 75 | 78 | 81 | 84 | 82 | 82 | 83 | 83 | 84 | 80 | 83.9 |
| | Minimum | 72 | 72 | 75 | 72 | 72 | 75 | 79 | 77 | 78 | 77 | 76 | 77 | 75 | 75 | 79 | 78 | 79 | 76 | 77 | 77 | 74 | 69 | 70 | 72 | 72 | 73 | 73 | 73 | 74 | 73 | 75 | 74.7 |
| Miami (1) | Maximum | 84 | 83 | 82 | 81 | 80 | 82 | 86 | 84 | 83 | 82 | 82 | 81 | 82 | 82 | 82 | 82 | 82 | 83 | 85 | 86 | 84 | 77 | 80 | 78 | 79 | 81 | 83 | 80 | 79 | 83 | 81 | 81.9 |
| | Minimum | 72 | 72 | 68 | 65 | 70 | 75 | 78 | 74 | 79 | 75 | 71 | 72 | 74 | 76 | 72 | 78 | 78 | 78 | 79 | 78 | 69 | 62 | 62 | 64 | 72 | 73 | 70 | 70 | 73 | 73 | 72 | 72.4 |
| Ritta | Maximum | 91 | 86 | 92 | 84 | 86 | .... | .... | .... | 94 | 85 | 86 | 87 | 86 | 87 | 87 | 87 | 91 | 90 | 91 | 93 | 83 | 77 | 81 | 87 | 76 | 85 | 83 | 84 | 81 | 86 | 80 | 85.9[a] |
| | Minimum | 66 | 71 | 69 | 62 | 65 | .... | .... | .... | 72 | 72 | 68 | 72 | 72 | 73 | 67 | 70 | 66 | 66 | 71 | 72 | 70 | 62 | 65 | 66 | 70 | 72 | 72 | 72 | 72 | 73 | 73 | 69.3[a] |
| *Western Division.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apalachicola | Maximum | 80 | 81 | 80 | 77 | 84 | 78 | 83 | 83 | 86 | 90 | 80 | 80 | 82 | 84 | 84 | 86 | 84 | 78 | 85 | 85 | 66 | 69 | 73 | 78 | 82 | 81 | 78 | 80 | 85 | 82 | 81 | 80.8 |
| | Minimum | 58 | 61 | 56 | 59 | 65 | 70 | 70 | 73 | 70 | 70 | 70 | 62 | 62 | 62 | 68 | 71 | 74 | 72 | 73 | 63 | 46 | 42 | 49 | 51 | 65 | 65 | 53 | 55 | 64 | 60 | 61 | 62.6 |
| De Funiak Springs §§ | Maximum | 78 | 82 | 81 | 84 | 85 | 84 | 83 | 89 | 91 | 94 | 81 | 83 | 86 | 91 | 88 | 88 | 81 | 77 | 83 | 77 | 63 | 68 | 74 | 77 | 82 | 76 | 76 | 80 | 84 | 82 | 81 | 81.6 |
| | Minimum | 51 | 54 | 52 | 54 | 61 | 67 | 71 | 72 | 71 | 71 | 60 | 57 | 58 | 61 | 64 | 63 | 66 | 70 | 67 | 69 | 39 | 40 | 43 | 47 | 51 | 56 | 47 | 49 | 53 | 63 | 58 | 58.2 |
| Garniers (near) | Maximum | 77 | 81 | 79 | 84 | 85 | 83 | 84 | 86 | 89 | 92 | 84 | 80 | 85 | 88 | 82 | 84 | 81 | .... | 82 | 78 | 66 | 69 | 74 | 80 | 85 | 80 | 76 | 81 | 87 | 85 | 80 | 81.6[a] |
| | Minimum | 51 | 51 | 51 | 51 | 51 | 51 | 52 | 52 | 52 | 69 | 61 | 59 | 59 | 57 | 60 | 61 | 71 | .... | 68 | 62 | 38 | 34 | 40 | 44 | 53 | 54 | .... | .... | .... | .... | .... | 53.9[a] |
| Marianna §§ | Maximum | 78 | 80 | 81 | 79 | 86 | 80 | 85 | 88 | 89 | 91 | 78 | 81 | 84 | 90 | 88 | 91 | 85 | 75 | 85 | 84 | 64 | 69 | 73 | 78 | 82 | 79 | 77 | 81 | 83 | 81 | 79 | 81.4 |
| | Minimum | 49 | 56 | 51 | 51 | 57 | 64 | 70 | 70 | 71 | 69 | 63 | 55 | 53 | 53 | 57 | 60 | 61 | 67 | 66 | 63 | 41 | 39 | 41 | 44 | 48 | 57 | 45 | 46 | 50 | 65 | 58 | 56.1 |
| Molino | Maximum | 72 | 80 | 74 | 83 | 84 | 84 | 80 | 82 | 86 | 84 | 78 | 80 | 82 | 85 | 84 | 82 | 80 | 76 | 80 | 76 | 70 | 62 | 70 | 74 | 78 | 80 | 74 | 78 | 77 | 78 | 80 | 78.3 |
| | Minimum | 54 | 51 | 50 | 50 | 65 | 62 | 64 | 64 | 68 | 68 | 57 | 54 | 58 | 60 | 59 | 58 | 60 | 60 | 62 | 60 | 40 | 38 | 38 | 40 | 50 | 48 | 45 | 50 | 60 | 60 | 60 | 55.3 |
| Pensacola | Maximum | 74 | 79 | 77 | 83 | 79 | 83 | 79 | 80 | 85 | 85 | 76 | 76 | 79 | 84 | 79 | 80 | 77 | 77 | 78 | 76 | 61 | 66 | 72 | 77 | 81 | 74 | 74 | 77 | 81 | 79 | 81 | 77.7 |
| | Minimum | 58 | 60 | 60 | 58 | 66 | 72 | 72 | 75 | 71 | 67 | 62 | 64 | 65 | 67 | 68 | 72 | 73 | 66 | 71 | 49 | 42 | 43 | 52 | 56 | 57 | 53 | 48 | 57 | 63 | 62 | 60 | 61.6 |

a, b, c, etc., indicate respectively 1, 2, 3, etc., days missing from record.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

## Map with Divisions, Counties, and Stations.

### THE TROPICAL HURRICANE OF OCTOBER 18, 1916.

The summer and autumn of the current year were attended by several severe tropical storms. And it is noted that two of them—those of July and October—approached the Gulf coast over practically the same path. The October storm was of rather restricted area, but of great intensity, as reflected by the report from Pensacola, where the lowest barometer reading was 28.76 inches with a wind velocity of 120 miles an hour. The July storm was severe and unusual (only 5 have occured during July in the last 35 years) and the damage therefrom was so enormous and widespread that, relatively, the losses caused by the October hurricane seem comparatively light. In a measure this was due, however, to the fact that both storms covered much of the same territory. The July storm seemed to oscillate east-west for a time, destroying practically all crops over much of the district subsequently traversed by the October hurricane.

This dissimilarity appears, however, in comparing the two hurricanes, viz., that of July was attended by phenomenally heavy and widespread rains continuing practically 4 or 5 days, whereas the October storm gave only moderate rains on 2 days, chiefly 1, the 18th. The greatest 24-hour rainfall in Florida during the passage of the storms was, for July, 6.50 inches, and for October, 4.82 inches. It is seen, therefore, that, although the October hurricane was of much greater depth, and gave higher winds, its area of precipitation and the maximum rainfall reported were less than during July. The damage by the October hurricane was confined, mainly, to the Pensacola section. The damage to crops was not great.

The following excerpts concerning the storm at Pensacola were taken from a very complete report rendered by the Official in Charge of that station:

All interests were given ample warning concerning the development and progress of this hurricane.

Afternoon and night advices from Washington on the 17th stated that the storm was "apparently nearing the central Gulf and turning more to northward or northeastward."

The westerly gale rose rapidly to an estimated rate for five minutes of 120 miles, beginning 10:15 p. m. The estimated extreme wind for this five minute period is 126 miles. The wind instrument tower at the Weather Bureau office blew down at 10:14 a. m., after registering an extreme rate of 120 miles an hour at 10:13 a. m.

A boy, Leslie Allbrooks, 13 years of age, was blown through a show window at the southwest corner of Palafox and Romana Streets, and severely cut. The damage along the northern shores of the peninsula and Santa Rosa Island was due partly to a five-foot tide and high seas, caused by the westerly gales which reversed the tidal currents.

Oak trees that withstood the July storm were uprooted; about 200 trees throughout the city were blown down.

The estimated damage to shipping interests is $25,000.

Estimated damage to railroads by wave action in washing down embankments, $10,000.

Estimated damage by winds to buildings and chimneys, $75,000.