U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

# LOCAL CLIMATOLOGICAL DATA

JACKSONVILLE, FLORIDA
THOS. C. IMESON AIRPORT
FEBRUARY 1964

Latitude 30° 25′ N. Longitude 81° 39′ W. Elevation (ground) 24 ft. Eastern Standard time used

| Date | Temperature (°F) Maximum | Minimum | Average | Departure from normal | Degree days (base 65°) | Precipitation Total (Water equivalent) (In.) | Snow, Sleet (In.) | Snow, Sleet, or Ice on ground at 7:00 a.m. (In.) | Wind † Prevailing direction | Average speed (m. p. h.) | Fastest mile Speed (m. p. h.) | Fastest mile † Direction | Sunshine Total (hours and minutes) | Percent of possible | Sky cover Sunrise to sunset (tenths) | Midnight to midnight (tenths) | Thunderstorm or distant lightning | Weather restricting visibility to ¼ mile or less | Relative humidity percent MAX | MIN | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | 69 | 49 | 59 | +2 | 6 | 0 | 0 | 0 | 31 | 10.5 | 23 | NW | 9:00 | 84 | 8 | 7 | | | 92 | 51 | | | 1 |
| 2 | 60 | 41 | 51 | -6 | 14 | 0 | 0 | 0 | 05 | 7.5 | 14 | NE | 9:11 | 85 | 7 | 6 | | | 92 | 35 | | | 2 |
| 3 | 58 | 50 | 54 | -3 | 11 | .08 | 0 | 0 | 04 | 14.4 | 31 | NE | 5:04 | 47 | 10 | 10 | | | 83 | 59 | | | 3 |
| 4 | 60 | 52 | 56 | -1 | 9 | .03 | 0 | 0 | 03 | 12.9 | 27 | NE | 6:41 | 62 | 10 | 10 | | | 95 | 64 | | | 4 |
| 5 | 67 | 53 | 60 | +3 | 5 | .70 | 0 | 0 | 11 | 8.8 | 20 | S | 0 | 0 | 10 | 10 | | | 99 | 94 | | | 5 |
| 6 | 68 | 55 | 62 | +5 | 3 | T | 0 | 0 | 24 | 16.0 | 41 | W | 8:42 | 80 | 6 | 6 | | | 95 | 41 | | | 6 |
| 7 | 69 | 47 | 58 | +1 | 7 | .85 | 0 | 0 | 29 | 9.7 | 30 | NW | 6:03 | 56 | 10 | 8 | | | 98 | 41 | | | 7 |
| 8 | 53 | 37 | 45 | -12 | 20 | .07 | 0 | 0 | 31 | 11.6 | 27 | NW | 10:06 | 92 | 4 | 5 | | | 95 | 33 | | | 8 |
| 9 | 60 | 36 | 48 | -9 | 17 | 0 | 0 | 0 | 22 | 8.1 | 17 | SW | 7:07 | 65 | 6 | 5 | | | 80 | 30 | | | 9 |
| 10 | 65 | 42 | 54 | -3 | 11 | 0 | 0 | 0 | 14 | 8.6 | 18 | S | 10:59 | 100 | 3 | 3 | | | 92 | 23 | | | 10 |
| 11 | 53 | 39 | 46 | -11 | 19 | .01 | 0 | 0 | 32 | 11.7 | 28 | NW | 5:27 | 50 | 6 | 3 | | | 92 | 40 | | | 11 |
| 12 | 53 | 33 | 43 | -14 | 22 | 0 | 0 | 0 | 36 | 9.1 | 16 | E | 9:27 | 86 | 5 | 4 | | | 86 | 37 | | | 12 |
| 13 | 70 | 39 | 55 | -2 | 10 | 0 | 0 | 0 | 21 | 10.5 | 25 | SW | 9:58 | 90 | 7 | 6 | | | 89 | 44 | | | 13 |
| 14 | 63 | 48 | 56 | -1 | 9 | .06 | 0 | 0 | 06 | 12.3 | 24 | E | 9:38 | 87 | 3 | 5 | | | 98 | 29 | | | 14 |
| 15 | 77 | 49 | 63 | +6 | 2 | T | 0 | 0 | 08 | 11.4 | 25 | SW | 6:56 | 62 | 9 | 8 | | | 87 | 59 | | | 15 |
| 16 | 71 | 46 | 59 | +2 | 6 | .17 | 0 | 0 | 30 | 13.1 | 27 | NW | 10:49 | 97 | 0 | 3 | | | 95 | 31 | | | 16 |
| 17 | 61 | 42 | 52 | -6 | 13 | 0 | 0 | 0 | 36 | 10.2 | 23 | NE | 9:49 | 88 | 6 | 5 | | | 93 | 61 | | | 17 |
| 18 | 70 | 54 | 62 | +4 | 3 | .46 | 0 | 0 | 22 | 15.1 | 32 | W | 2:52 | 26 | 9 | 8 | | | 93 | 64 | | | 18 |
| 19 | 62 | 46 | 54 | -4 | 11 | T | 0 | 0 | 25 | 14.0 | 36 | W | 8:45 | 78 | 3 | 3 | | | 97 | 28 | | | 19 |
| 20 | 57 | 39 | 48 | -10 | 17 | 0 | 0 | 0 | 29 | 11.7 | 24 | NW | 11:16 | 100 | 1 | 1 | | | 72 | 32 | | | 20 |
| 21 | 56 | 33 | 45 | -13 | 20 | 0 | 0 | 0 | 31 | 7.4 | 20 | W | 10:40 | 95 | 1 | 3 | | | 87 | 35 | | | 21 |
| 22 | 48 | 38 | 43 | -16 | 22 | .08 | 0 | 0 | 34 | 8.3 | 20 | N | 2:45 | 24 | 10 | 10 | | | 96 | 49 | | | 22 |
| 23 | 55 | 34 | 45 | -14 | 20 | 0 | 0 | 0 | 31 | 8.2 | 14 | NW | 11:21 | 100 | 0 | 0 | | | 91 | 28 | | | 23 |
| 24 | 60 | 29 | 45 | -14 | 20 | 0 | 0 | 0 | 11 | 6.8 | 19 | E | 11:23 | 100 | 3 | 3 | | | 93 | 30 | | | 24 |
| 25 | 73 | 45 | 59 | 0 | 6 | .20 | 0 | 0 | 24 | 13.2 | 39 | SW | 5:54 | 52 | 7 | 8 | | | 95 | 47 | | | 25 |
| 26 | 60 | 44 | 52 | -7 | 13 | 0 | 0 | 0 | 30 | 7.0 | 16 | NW | 4:49 | 42 | 6 | 6 | | | 93 | 53 | | | 26 |
| 27 | 56 | 46 | 51 | -8 | 14 | 3.28 | 0 | 0 | 04 | 8.6 | 29 | E | 0 | 0 | 10 | 10 | | | 99 | 90 | | | 27 |
| 28 | 63 | 44 | 54 | -6 | 11 | .56 | 0 | 0 | 27 | 14.8 | 33 | W | 0:14 | 2 | 10 | 10 | T | | 99 | 54 | | | 28 |
| 29 | 55 | 35 | 45 | -15 | 20 | 0 | 0 | 0 | 10 | 7.1 | 18 | N | 11:11 | 97 | 3 | 2 | | | 90 | 38 | | | 29 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sum | 1792 | 1245 | — | — | — | 6.55 | 0.0 | — | — | 308.6 | — | — | 216:07 | — | 173 | 168 | — | — | 2666 | 1320 | | | Sum |
| Avg | 61.8 | 42.9 | — | — | — | — | — | — | — | 10.6 | Fastest | Dir. | Possible | % | 6.0 | 5.8 | — | — | 92 | 46 | | | Avg. |
| | | | | | | | | | | Misc. | 41 | W | 322:45 | 67 | — | — | — | — | | | | | Misc. |

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

**TEMPERATURE: (°F)**

| | | |
|---|---|---|
| Average monthly | | 52.4 |
| Departure from normal | | -5.1 |
| Highest | 77 on | 15 |
| Lowest | 29 on | 24 |
| Number of days with — | | |
| Max. 32° or below | | 0 |
| Max. 90° or above | | 0 |
| Min. 32° or below | | 1 |
| Min. 0° or below | | 0 |

**HEATING DEGREE DAYS (base 65°):**

| | |
|---|---|
| Total this month | 361 |
| Departure from normal | +108 |
| Seasonal total (since July 1) | 1408 |
| Seasonal departure from normal | +357 |

**BAROMETRIC PRESSURE (In.)**

| | | | |
|---|---|---|---|
| Avg. station (elev. 31 *feet, m. s. l.) | | | 29.964 |
| Highest sea level | 30.35 | on | 29 |
| Lowest sea level | 29.49 | on | 18 |

**PRECIPITATION: (In.)**

| | | | |
|---|---|---|---|
| Total for the month | | | 6.55 |
| Departure from normal | | | +3.54 |
| Greatest in 24 hours | 3.84 | on | 27-28 |
| Snow, Sleet— | | | |
| Total for the month | | | 0.0 |
| Greatest in 24 hours | 0.0 | on | - |
| Greatest depth on ground | 0.0 | on | - |
| Dates of — Hail | | | None |
| Sleet None | Glaze/Rime | | None |

**With 17.44 inches of rainfall for December, January and February made this the wettest Winter on record. This was also the coldest Winter since 1957-58.**

**January through February, 1964**
**Total Precipitation: 13.84**
**Departure from normal: +8.38**

Symbols used in columns 18-19

A = Hail
BS = Blowing snow
DL = Distant lightning
D = Dust
E = Sleet
F = Fog
H = Haze
K = Smoke
L = Drizzle
N = Sand
R = Rain
S = Snow
T = Thunderstorm
ZL = Freezing drizzle
ZR = Freezing rain

*When this elevation differs from the present station elevation this level was selected to permit comparison of data for a longer period of homogeneous record.

† If figures are carried in columns 10 and 13 they indicate directions in tens of degrees from true North; for example, 9 = East, 18 = South, 27 = West, and 36 = North.

## HOURLY PRECIPITATION (In.)

| Date | A. M. Hour ending at 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | P. M. Hour ending at 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | | | | | .01 | .06 | .01 | T | | | | | 3 |
| 4 | | | T | | .01 | T | | | | | | | | | | | | | | | | T | .02 | T | 4 |
| 5 | T | T | | T | T | T | T | .03 | .02 | .04 | .03 | T | .01 | T | T | | .14 | .04 | .02 | .03 | .17 | .17 | T | T | 5 |
| 6 | T | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | | | | | T | T | .02 | .18 | .34 | .23 | .08 | 7 |
| 8 | .05 | .01 | .01 | T | T | | | | | | | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | T | .01 | T | | | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| 14 | | | T | .04 | .01 | .01 | T | T | T | | | | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | | | | T | | | | | | | | 15 |
| 16 | .10 | .05 | .01 | .01 | T | | | | | | | | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | | .01 | T | | | T | T | T | .14 | T | .19 | .12 | | | | | | | | | | | | | 18 |
| 19 | | | | | | T | T | | | | | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | 21 |
| 22 | | | | T | T | .02 | .03 | .02 | .01 | | | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | 24 |
| 25 | | | T | T | T | T | .01 | T | .06 | .10 | .03 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 27 | | | | | | T | .08 | .09 | .06 | .06 | .12 | .23 | .36 | .32 | .28 | .32 | .36 | .43 | .23 | .16 | .01 | .01 | .05 | .11 | 27 |
| 28 | .12 | .04 | .17 | .23 | | T | T | | | | | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 31 |

Corrections, if any, to data in this issue will be published in a later issue.

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