A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

# LOCAL CLIMATOLOGICAL DATA

## U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

## ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

ENVIRONMENTAL DATA SERVICE

JACKSONVILLE, FLORIDA
JACKSONVILLE IMESON AIRPORT
FEBRUARY 1970

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

| Date | Temperature (°F) Maximum | Minimum | Average | Departure from normal | Average dew point | Degree days (Base 65°) Heating | Cooling | Weather types shown by code 1-9 on dates of occurrence (1 Fog, 2 Heavy Fog, X Thunderstorm, 3 Sleet, 4 Hail, 5 Glaze, 6 Duststorm, 7 Smoke, Haze, 8 Blowing Snow, 9 Snow) | Snow, Sleet, or Ice on ground at 07AM (In.) | Precipitation Water equivalent (In.) | Snow, sleet (In.) | Avg. station pressure (In.) Elev. 31 feet m.s.l. | Wind Resultant direction | Resultant speed (m.p.h.) | Average speed (m.p.h.) | Fastest mile Speed (m.p.h.) | Direction | Sunshine Hours and tenths | Percent of possible | Sky cover (Tenths) Sunrise to sunset | Midnight to midnight | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7A | 7B | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 1 | 65 | 32 | 49 | -8 | 41 | 16 | 0 | 3 | 0 | T | 0 | 30.21 | 13 | 10.6 | 12.8 | 44 | SE | 5.7 | 53 | 9 | 7 | 1 |
| 2 | 68 | 59 | 64 | 7 | 59 | 1 | 0 | 1 3 | 0 | 1.59 | 0 | 29.81 | 19 | 13.5 | 14.1 | 36 | S | 2.9 | 27 | 10 | 10 | 2 |
| 3 | 64 | 31 | 48 | -9 | 46 | 17 | 0 | 3 | 0 | 4.93 | 0 | 29.67 | 27 | 12.3 | 14.8 | 37 | W | 0.8 | 8 | 10 | 7 | 3 |
| 4 | 46 | 23* | 35 | -22 | 17 | 30 | 0 | | 0 | 0 | 0 | 30.34 | 30 | 8.9 | 13.2 | 31 | W | 10.8 | 100 | 0 | 0 | 4 |
| 5 | 55 | 28 | 42 | -15 | 34 | 23 | 0 | | 0 | 0 | 0 | 30.50 | 01 | 9.4 | 10.9 | 21 | NE | 8.5 | 79 | 8 | 6 | 5 |
| 6 | 55 | 46 | 51 | -6 | 39 | 14 | 0 | | 0 | 0 | 0 | 30.37 | 04 | 11.4 | 12.1 | 19 | NE | 4.1 | 38 | 10 | 10 | 6 |
| 7 | 59 | 41 | 50 | -7 | 41 | 15 | 0 | | 0 | T | 0 | 30.27 | 05 | 12.7 | 13.4 | 27 | NE | 9.0 | 82 | 3 | 4 | 7 |
| 8 | 63 | 38 | 51 | -6 | 40 | 14 | 0 | 8 | 0 | 0 | 0 | 30.19 | 02 | 4.5 | 6.3 | 18 | NE | 10.9 | 100 | 0 | 1 | 8 |
| 9 | 67 | 44 | 56 | -1 | 45 | 9 | 0 | 8 | 0 | .21 | 0 | 30.01 | 25 | 7.5 | 9.1 | 25 | W | 7.0 | 62 | 6 | 5 | 9 |
| 10 | 53 | 37 | 45 | -12 | 30 | 20 | 0 | | 0 | 0 | 0 | 30.05 | 27 | 12.8 | 13.2 | 30 | NW | 10.8 | 99 | 1 | 1 | 10 |
| 11 | 68 | 40 | 54 | -3 | 38 | 11 | 0 | 8 | 0 | 0 | 0 | 30.04 | 24 | 13.1 | 13.8 | 21 | W | 9.6 | 87 | 7 | 6 | 11 |
| 12 | 68 | 46 | 57 | 0 | 44 | 8 | 0 | | 0 | 0 | 0 | 30.05 | 26 | 9.8 | 10.4 | 17 | W | 10.7 | 97 | 7 | 5 | 12 |
| 13 | 66 | 37 | 52 | -5 | 34 | 13 | 0 | | 0 | 0 | 0 | 30.12 | 27 | 6.0 | 7.5 | 13 | W | 11.1 | 100 | 0 | 0 | 13 |
| 14 | 74 | 40 | 57 | 0 | 47 | 8 | 0 | 1 8 | 0 | 0 | 0 | 30.14 | 15 | 6.6 | 8.1 | 14 | E | 11.1 | 100 | 4 | 4 | 14 |
| 15 | 76* | 54 | 65 | 8 | 59 | 0 | 0 | 1 8 | 0 | .08 | 0 | 30.08 | 15 | 6.2 | 7.2 | 14 | E | 7.2 | 64 | 10 | 8 | 15 |
| 16 | 72 | 61 | 67 | 10 | 64 | 0 | 2 | 1 8 | 0 | .78 | 0 | 29.95 | 18 | 5.8 | 7.3 | 22 | S | 1.5 | 14 | 10 | 10 | 16 |
| 17 | 62 | 50 | 56 | -2 | 54 | 9 | 0 | 2 | 0 | 1.03 | 0 | 29.91 | 36 | 4.6 | 9.5 | 23 | NE | 1.5 | 14 | 10 | 10 | 17 |
| 18 | 60 | 47 | 54 | -4 | 48 | 11 | 0 | | 0 | 0 | 0 | 30.05 | 24 | 5.3 | 7.8 | 12 | SW | 1.8 | 16 | 9 | 7 | 18 |
| 19 | 73 | 48 | 61 | 3 | 51 | 4 | 0 | 1 8 | 0 | 0 | 0 | 30.01 | 26 | 11.0 | 11.4 | 20 | W | 10.8 | 96 | 0 | 2 | 19 |
| 20 | 65 | 44 | 55 | -3 | 32 | 10 | 0 | | 0 | 0 | 0 | 30.27 | 33 | 10.6 | 11.8 | 16 | N | 11.3 | 100 | 0 | 1 | 20 |
| 21 | 57 | 34 | 46 | -12 | 27 | 19 | 0 | | 0 | 0 | 0 | 30.48 | 01 | 9.1 | 11.9 | 18 | NW | 11.3 | 100 | 0 | 0 | 21 |
| 22 | 68 | 32 | 50 | -9 | 39 | 15 | 0 | | 0 | 0 | 0 | 30.43 | 13 | 2.8 | 7.3 | 15 | E | 11.3 | 100 | 0 | 0 | 22 |
| 23 | 64 | 49 | 57 | -2 | 44 | 8 | 0 | | 0 | 0 | 0 | 30.30 | 27 | 5.6 | 7.5 | 10 | N | 4.0 | 35 | 10 | 9 | 23 |
| 24 | 73 | 46 | 60 | 1 | 45 | 5 | 0 | | 0 | 0 | 0 | 30.16 | 24 | 4.1 | 6.6 | 14 | SW | 11.4 | 100 | 5 | 5 | 24 |
| 25 | 68 | 52 | 60 | 1 | 52 | 5 | 0 | 1 8 | 0 | .23 | 0 | 29.82 | 23 | 8.7 | 12.1 | 33 | NW | 4.7 | 41 | 8 | 8 | 25 |
| 26 | 52 | 35 | 44 | -15 | 31 | 21 | 0 | | 0 | 0 | 0 | 30.06 | 33 | 4.1 | 12.8 | 29 | NW | 11.4 | 100 | 0 | 0 | 26 |
| 27 | 65 | 31 | 48 | -11 | 34 | 17 | 0 | | 0 | 0 | 0 | 30.23 | 22 | 2.0 | 5.9 | 16 | E | 11.5 | 100 | 0 | 1 | 27 |
| 28 | 68 | 38 | 53 | -7 | 40 | 12 | 0 | | 0 | 0 | 0 | 30.31 | 09 | 3.1 | 6.0 | 17 | E | 9.1 | 79 | 8 | 7 | 28 |

| Sum | Sum | | | | Total | Total | | Total | Total | For the month: | | | | | | | Total | % | Sum | Sum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1794 | 1163 | | | | 335 | 2 | Number of days | 8.85 | 0 | 30.14 | 27 | 2.5 | 10.2 | 44 | SE | | 221.8 | for | 145 | 134 |
| Avg. | Avg. | Avg. | Dep. | Avg. | Dep. | Dep. | Precipitation | Dep. | | | | | | Date: 01 | | | Possible | month | Avg. | Avg. |
| 64.1 | 41.5 | 52.8 | -4.7 | 42 | 89 | | ≧ .01 inch 7 | 5.94 | | | | | | | | | 311.2 | 71 | 5.2 | 4.8 |

| Number of days | | | | Season to date Total | Total | Snow, sleet ≧ 1.0 inch 0 | Greatest in 24 hours and dates Precipitation | Snow, Sleet | Greatest depth on ground of snow, sleet or ice and date |
|---|---|---|---|---|---|---|---|---|---|
| Maximum Temp. | | Minimum Temp. | | 1411 | 7 | Thunderstorms 3 | | | |
| ≦ 32° | ≧ 90° ‡ | ≦ 32° | ≦ 0° | Dep. | Dep. | Heavy fog X 1 | 6.22 | 2- 3 0 | 0 |
| 0 | 0 | 6 | 0 | 367 | | | | | |

HOURLY PRECIPITATION (Water equivalent in inches)

| 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 | | | | | | | | | | | | | | | | | | | | | | T | T | T | 1 |
| 2 | | T | .04 | .07 | .03 | .14 | .02 | T | | .03 | .02 | .02 | | | | | | T | T | T | .05 | .27 | .15 | .75 | 2 |
| 3 | .54 | .91 | 1.80 | 1.10 | .20 | .29 | .02 | .01 | .06 | | | | T | T | T | T | T | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 7 | | T | T | T | T | T | T | T | | | | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | | | | .21 | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | | | | | | | | .08 | T | | | 15 |
| 16 | | | | | | | | | | | | | | T | .05 | .10 | .23 | .39 | .01 | T | T | | | | 16 |
| 17 | | T | T | T | T | .09 | .27 | .39 | .06 | .11 | T | | .11 | T | | | | | | | T | T | T | T | 17 |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | 24 |
| 25 | | | T | T | | T | T | T | T | | .04 | T | .08 | T | .09 | | | | T | .02 | T | | | | 25 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | 28 |

* Extreme temperatures for the month. May be the last of more than one occurrence.
– Below zero temperature or negative departure from normal.
‡ ≧ 70° at Alaskan stations.
+ Also on an earlier date, or dates.
X Heavy fog restricts visibility to ¼ mile or less.
T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to *measure*.

The season for degree days begins with July for heating and with January for cooling.
Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.
Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations. Figures for directions are tens of degrees from true North; i.e., 09 = East, 18 = South, 27 = West, 36 = North, and 00 = Calm. When directions are in tens of degrees in Col. 17, entries in Col. 16 are fastest observed 1-minute speeds. If the / appears in Col. 17, speeds are gusts.

Any errors detected will be corrected and changes in summary data will be annotated in the annual summary.

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I certify that this is an official publication of the Environmental Science Services Administration, and is compiled from records on file at the National Weather Records Center, Asheville, North Carolina 28801.

William H. Haggard

Director, National Weather Records Center

SUMMARY BY HOURS

| Hour (Local time) | Averages: Sky cover (In tenths) | Station pressure (In.) | Dry bulb (°F) | Wet bulb (°F) | Rel. hum % | Dew point (°F) | Wind speed (m.p.h.) | Resultant wind: Direction | Speed (m.p.h.) |
|---|---|---|---|---|---|---|---|---|---|
| 01 | 4 | 30.13 | 48 | 45 | 81 | 42 | 7.9 | 27 | 3.7 |
| 04 | 4 | 30.13 | 45 | 43 | 84 | 41 | 8.9 | 29 | 4.8 |
| 07 | 5 | 30.15 | 44 | 42 | 85 | 40 | 8.7 | 28 | 3.1 |
| 10 | 5 | 30.18 | 53 | 47 | 68 | 42 | 12.4 | 31 | 3.0 |
| 13 | 5 | 30.15 | 60 | 51 | 54 | 42 | 11.7 | 24 | 2.3 |
| 16 | 6 | 30.10 | 61 | 52 | 53 | 42 | 12.8 | 22 | 2.4 |
| 19 | 5 | 30.11 | 55 | 49 | 66 | 43 | 9.7 | 18 | 1.4 |
| 22 | 5 | 30.14 | 51 | 47 | 75 | 43 | 9.3 | 26 | 2.7 |

# OBSERVATIONS AT 3-HOUR INTERVALS

| HOUR | SKY COVER (Tenths) | CEILING (Hnds. of ft.) | VISIBILITY WHOLE MILES | VISIBILITY 16ths MILE | WEATHER | DRY BULB (°F) | WET BULB (°F) | REL. HUM. (%) | DEW PT. (°F) | WIND DIR. | WIND SPEED (Knots) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY 01 | | | | | | | | | | | |
| 01 | 0 | UNL | 10 | | | 33 | 32 | 89 | 30 | 00 | 0 |
| 04 | 0 | UNL | 10 | | | 33 | 32 | 92 | 31 | 32 | 4 |
| 07 | 5 | UNL | 8 | | | 39 | 37 | 82 | 34 | 06 | 4 |
| 10 | 8 | CIR | 8 | | | 54 | 48 | 64 | 42 | 09 | 15 |
| 13 | 10 | 50 | 10 | | | 63 | 54 | 54 | 46 | 13 | 16 |
| 16 | 10 | 50 | 10 | | | 64 | 55 | 56 | 48 | 15 | 13 |
| 19 | 10 | 50 | 10 | | | 62 | 53 | 56 | 46 | 14 | 14 |
| 22 | 10 | 50 | 10 | | RW | 62 | 54 | 60 | 48 | 14 | 23 |
| DAY 02 | | | | | | | | | | | |
| 01 | 10 | 44 | 10 | | | 64 | 57 | 68 | 53 | 22 | 18 |
| 04 | 10 | 65 | 7 | | RW | 60 | 58 | 90 | 57 | 18 | 14 |
| 07 | 10 | 45 | 7 | | RW | 60 | 59 | 90 | 57 | 18 | 16 |
| 10 | 10 | 22 | 6 | | RW | 63 | 61 | 87 | 59 | 19 | 13 |
| 13 | 10 | 20 | 10 | | | 67 | 64 | 84 | 62 | 19 | 10 |
| 16 | 9 | CIR | 10 | | | 68 | 64 | 81 | 62 | 19 | 8 |
| 19 | 10 | 120 | 7 | | R | 65 | 61 | 81 | 59 | 18 | 9 |
| 22 | 10 | 10 | 2 | | TRW | 63 | 63 | 97 | 62 | 16 | 10 |
| DAY 03 | | | | | | | | | | | |
| 01 | 10 | 10 | 4 | | TRW | 64 | 64 | 97 | 63 | 18 | 10 |
| 04 | 10 | 6 | 0 | 12 | TRW | 60 | 60 | 100 | 60 | 30 | 15 |
| 07 | 10 | 8 | 6 | | TRW | 53 | 53 | 100 | 53 | 36 | 4 |
| 10 | 10 | 7 | 7 | | | 54 | 54 | 96 | 53 | 27 | 10 |
| 13 | 10 | 17 | 10 | | RW | 55 | 52 | 80 | 49 | 27 | 12 |
| 16 | 10 | 50 | 10 | | RW | 47 | 43 | 74 | 39 | 29 | 18 |
| 19 | 0 | UNL | 15 | | | 43 | 38 | 63 | 31 | 26 | 14 |
| 22 | 0 | UNL | 15 | | | 37 | 31 | 46 | 18 | 27 | 20 |
| DAY 04 | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | | 30 | 25 | 51 | 14 | 28 | 20 |
| 04 | 0 | UNL | 15 | | | 26 | 22 | 53 | 11 | 27 | 15 |
| 07 | 0 | UNL | 15 | | | 23 | 20 | 57 | 10 | 30 | 15 |
| 10 | 0 | UNL | 15 | | | 28 | 24 | 61 | 16 | 29 | 14 |
| 13 | 0 | UNL | 15 | | | 39 | 32 | 43 | 18 | 35 | 10 |
| 16 | 0 | UNL | 15 | | | 46 | 35 | 26 | 13 | 07 | 5 |
| 19 | 0 | UNL | 15 | | | 37 | 32 | 57 | 23 | 09 | 8 |
| 22 | 0 | UNL | 12 | | | 32 | 30 | 82 | 27 | 32 | 5 |
| DAY 05 | | | | | | | | | | | |
| 01 | 0 | UNL | 12 | | | 32 | 30 | 79 | 26 | 36 | 4 |
| 04 | 0 | UNL | 10 | | | 30 | 29 | 89 | 27 | 31 | 9 |
| 07 | 9 | CIR | 10 | | | 34 | 32 | 79 | 28 | 35 | 9 |
| 10 | 9 | UNL | 10 | | | 43 | 39 | 68 | 33 | 02 | 15 |
| 13 | 8 | CIR | 12 | | | 51 | 44 | 59 | 37 | 36 | 13 |
| 16 | 8 | CIR | 12 | | | 53 | 46 | 59 | 39 | 06 | 12 |
| 19 | 8 | UNL | 10 | | | 46 | 44 | 80 | 40 | 03 | 8 |
| 22 | 8 | UNL | 10 | | | 46 | 44 | 86 | 42 | 03 | 6 |
| DAY 06 | | | | | | | | | | | |
| 01 | 10 | 45 | 10 | | | 49 | 45 | 74 | 41 | 04 | 9 |
| 04 | 10 | 40 | 10 | | | 48 | 45 | 77 | 41 | 01 | 9 |
| 07 | 10 | 44 | 10 | | | 49 | 42 | 56 | 34 | 05 | 10 |
| 10 | 10 | 100 | 12 | | | 51 | 46 | 66 | 40 | 07 | 11 |
| 13 | 10 | 100 | 12 | | | 54 | 47 | 57 | 39 | 05 | 13 |
| 16 | 10 | 70 | 10 | | | 54 | 47 | 59 | 40 | 03 | 10 |
| 19 | 10 | 80 | 10 | | | 49 | 45 | 69 | 39 | 04 | 14 |
| 22 | 10 | 70 | 10 | | | 50 | 45 | 66 | 39 | 36 | 8 |
| DAY 07 | | | | | | | | | | | |
| 01 | 10 | 75 | 10 | | | 51 | 45 | 64 | 39 | 04 | 11 |
| 04 | 10 | 65 | 10 | | | 49 | 45 | 74 | 41 | 02 | 12 |
| 07 | 10 | 65 | 10 | | R | 48 | 45 | 80 | 42 | 05 | 10 |
| 10 | 9 | 90 | 10 | | | 52 | 48 | 74 | 44 | 06 | 15 |
| 13 | 0 | UNL | 10 | | | 57 | 50 | 60 | 43 | 05 | 14 |
| 16 | 0 | UNL | 10 | | | 57 | 48 | 51 | 39 | 07 | 14 |
| 19 | 0 | UNL | 15 | | | 48 | 42 | 63 | 36 | 05 | 10 |
| 22 | 0 | UNL | 10 | | | 45 | 42 | 83 | 40 | 01 | 7 |
| DAY 08 | | | | | | | | | | | |
| 01 | 0 | UNL | 7 | | | 42 | 41 | 93 | 40 | 36 | 8 |
| 04 | 0 | UNL | 7 | | | 42 | 41 | 93 | 40 | 01 | 5 |
| 07 | 0 | UNL | 5 | | KH | 38 | 38 | 100 | 38 | 31 | 4 |
| 10 | 0 | UNL | 10 | | | 52 | 46 | 64 | 40 | 06 | 7 |
| 13 | 0 | UNL | 12 | | | 60 | 48 | 39 | 35 | 13 | 5 |
| 16 | 0 | UNL | 12 | | | 63 | 50 | 38 | 37 | 03 | 8 |
| 19 | 4 | UNL | 12 | | | 51 | 47 | 74 | 43 | 35 | 7 |
| 22 | 2 | UNL | 10 | | | 45 | 44 | 93 | 43 | 00 | 0 |
| DAY 09 | | | | | | | | | | | |
| 01 | 8 | 120 | 8 | | | 46 | 45 | 93 | 44 | 12 | 3 |
| 04 | 3 | UNL | 7 | | | 45 | 44 | 96 | 44 | 27 | 4 |
| 07 | 1 | UNL | 5 | | K | 45 | 44 | 93 | 43 | 23 | 4 |
| 10 | 1 | UNL | 8 | | | 57 | 50 | 62 | 44 | 23 | 6 |
| 13 | 5 | UNL | 8 | | | 66 | 56 | 54 | 49 | 23 | 11 |
| 16 | 10 | 80 | 10 | | | 55 | 54 | 93 | 53 | 25 | 9 |
| 19 | 8 | 100 | 12 | | | 57 | 53 | 78 | 50 | 24 | 7 |
| 22 | 6 | 85 | 15 | | | 50 | 43 | 50 | 32 | 29 | 19 |
| DAY 10 | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | | 43 | 38 | 60 | 30 | 27 | 7 |
| 04 | 0 | UNL | 15 | | | 40 | 36 | 68 | 30 | 27 | 12 |
| 07 | 0 | UNL | 15 | | | 37 | 34 | 76 | 30 | 27 | 10 |
| 10 | 3 | UNL | 15 | | | 42 | 37 | 60 | 29 | 29 | 20 |
| 13 | 1 | UNL | 15 | | | 46 | 38 | 48 | 27 | 27 | 12 |
| 16 | 0 | UNL | 15 | | | 53 | 43 | 41 | 30 | 27 | 12 |
| 19 | 0 | UNL | 15 | | | 50 | 42 | 50 | 32 | 26 | 9 |
| 22 | 0 | UNL | 15 | | | 46 | 41 | 66 | 35 | 24 | 10 |
| DAY 11 | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | | 44 | 41 | 80 | 38 | 24 | 10 |
| 04 | 0 | UNL | 15 | | | 41 | 39 | 86 | 37 | 23 | 9 |
| 07 | 1 | UNL | 10 | | | 40 | 39 | 93 | 38 | 24 | 10 |
| 10 | 5 | UNL | 5 | | KH | 51 | 44 | 59 | 37 | 27 | 16 |
| 13 | 8 | CIR | 7 | | | 65 | 50 | 30 | 33 | 27 | 13 |
| 16 | 10 | CIR | 7 | | | 66 | 52 | 36 | 38 | 22 | 12 |
| 19 | 10 | CIR | 7 | | | 60 | 48 | 39 | 35 | 23 | 14 |
| 22 | 10 | CIR | 10 | | | 54 | 49 | 72 | 45 | 24 | 12 |
| DAY 12 | | | | | | | | | | | |
| 01 | 8 | CIR | 10 | | | 52 | 50 | 86 | 48 | 24 | 7 |
| 04 | 6 | UNL | 10 | | | 50 | 49 | 93 | 48 | 24 | 7 |
| 07 | 1 | UNL | 7 | | | 50 | 49 | 96 | 49 | 24 | 9 |
| 10 | 4 | UNL | 7 | | | 55 | 51 | 77 | 48 | 27 | 10 |
| 13 | 8 | CIR | 10 | | | 64 | 51 | 42 | 40 | 24 | 12 |
| 16 | 7 | UNL | 10 | | | 68 | 54 | 39 | 42 | 27 | 16 |
| 19 | 7 | UNL | 10 | | | 60 | 50 | 50 | 41 | 27 | 6 |
| 22 | 1 | UNL | 10 | | | 50 | 43 | 52 | 33 | 30 | 5 |
| DAY 13 | | | | | | | | | | | |
| 01 | 0 | UNL | 10 | | | 44 | 38 | 60 | 31 | 30 | 6 |
| 04 | 0 | UNL | 8 | | | 38 | 36 | 82 | 33 | 28 | 6 |
| 07 | 0 | UNL | 8 | | | 37 | 35 | 85 | 33 | 26 | 5 |
| 10 | 0 | UNL | 8 | | | 51 | 43 | 54 | 35 | 27 | 6 |
| 13 | 0 | UNL | 15 | | | 60 | 47 | 32 | 30 | 23 | 11 |
| 16 | 0 | UNL | 15 | | | 66 | 50 | 28 | 32 | 28 | 12 |
| 19 | 0 | UNL | 10 | | | 58 | 47 | 39 | 33 | 32 | 3 |
| 22 | 0 | UNL | 7 | | | 49 | 46 | 83 | 44 | 13 | 3 |
| DAY 14 | | | | | | | | | | | |
| 01 | 0 | UNL | 7 | | | 48 | 46 | 86 | 44 | 19 | 3 |
| 04 | 0 | UNL | 5 | | GFK | 42 | 41 | 96 | 41 | 34 | 3 |
| 07 | 4 | UNL | 3 | | GFK | 41 | 40 | 96 | 40 | 00 | 0 |
| 10 | 2 | UNL | 4 | | KH | 60 | 54 | 70 | 50 | 15 | 10 |
| 13 | 0 | UNL | 8 | | | 71 | 59 | 49 | 51 | 17 | 12 |
| 16 | 5 | UNL | 10 | | | 70 | 56 | 41 | 45 | 12 | 14 |
| 19 | 8 | CIR | 10 | | | 62 | 57 | 73 | 53 | 13 | 7 |
| 22 | 10 | CIR | 10 | | | 61 | 57 | 78 | 54 | 17 | 7 |
| DAY 15 | | | | | | | | | | | |
| 01 | 10 | CIR | 10 | | | 60 | 57 | 84 | 55 | 16 | 6 |
| 04 | 4 | UNL | 10 | | | 57 | 55 | 90 | 54 | 15 | 5 |
| 07 | 3 | UNL | 4 | | GFK | 54 | 53 | 96 | 53 | 21 | 5 |
| 10 | 9 | CIR | 8 | | | 64 | 60 | 81 | 58 | 09 | 7 |
| 13 | 9 | CIR | 12 | | | 74 | 66 | 66 | 62 | 16 | 8 |
| 16 | 10 | CIR | 12 | | | 75 | 67 | 63 | 62 | 16 | 8 |
| 19 | 8 | CIR | 12 | | | 66 | 63 | 87 | 62 | 12 | 6 |
| 22 | 10 | 38 | 7 | | | 65 | 64 | 93 | 63 | 16 | 5 |
| DAY 16 | | | | | | | | | | | |
| 01 | 10 | CIR | 7 | | | 64 | 63 | 97 | 63 | 00 | 0 |
| 04 | 10 | 100 | 7 | | | 63 | 63 | 100 | 63 | 16 | 6 |
| 07 | 10 | 2 | 0 | 8 | F | 64 | 64 | 100 | 64 | 18 | 10 |
| 10 | 10 | 7 | 3 | | F | 67 | 66 | 93 | 65 | 20 | 10 |
| 13 | 10 | 17 | 7 | | | 72 | 68 | 82 | 66 | 20 | 10 |
| 16 | 10 | 25 | 5 | | RWK | 69 | 68 | 93 | 67 | 15 | 6 |
| 19 | 10 | 80 | 7 | | R | 64 | 63 | 97 | 63 | 11 | 5 |
| 22 | 10 | 80 | 8 | | | 62 | 61 | 97 | 61 | 28 | 4 |
| DAY 17 | | | | | | | | | | | |
| 01 | 10 | 15 | 2 | | F | 62 | 62 | 100 | 62 | 27 | 4 |
| 04 | 10 | 2 | 0 | 4 | LF | 61 | 61 | 100 | 61 | 09 | 4 |
| 07 | 10 | 3 | 0 | 8 | RWF | 57 | 56 | 96 | 56 | 07 | 13 |
| 10 | 10 | 6 | 4 | | RF | 52 | 51 | 96 | 51 | 05 | 12 |
| 13 | 10 | 9 | 3 | | RW | 52 | 51 | 96 | 51 | 28 | 8 |
| 16 | 10 | 11 | 8 | | | 53 | 51 | 90 | 50 | 31 | 11 |
| 19 | 10 | 11 | 8 | | | 51 | 50 | 93 | 49 | 35 | 7 |
| 22 | 10 | 15 | 7 | | | 50 | 49 | 93 | 48 | 31 | 7 |
| DAY 18 | | | | | | | | | | | |
| 01 | 9 | 11 | 7 | | | 50 | 48 | 89 | 47 | 35 | 7 |
| 04 | 9 | 20 | 7 | | | 48 | 47 | 93 | 46 | 24 | 5 |
| 07 | 10 | 18 | 7 | | | 50 | 49 | 93 | 48 | 28 | 4 |
| 10 | 10 | 17 | 7 | | | 53 | 51 | 83 | 48 | 24 | 7 |
| 13 | 10 | 16 | 8 | | | 55 | 52 | 80 | 49 | 26 | 8 |
| 16 | 10 | 24 | 10 | | | 59 | 54 | 72 | 50 | 23 | 9 |
| 19 | 0 | UNL | 12 | | | 56 | 53 | 80 | 50 | 20 | 7 |
| 22 | 0 | UNL | 10 | | | 51 | 50 | 93 | 49 | 17 | 7 |
| DAY 19 | | | | | | | | | | | |
| 01 | 0 | UNL | 7 | | | 49 | 49 | 100 | 49 | 23 | 6 |
| 04 | 10 | 12 | 7 | | | 50 | 49 | 96 | 49 | 27 | 8 |
| 07 | 9 | 20 | 7 | | | 52 | 50 | 90 | 49 | 24 | 8 |
| 10 | 0 | UNL | 7 | | | 60 | 55 | 72 | 51 | 27 | 17 |
| 13 | 1 | UNL | 12 | | | 73 | 60 | 44 | 50 | 25 | 14 |
| 16 | 0 | UNL | 12 | | | 72 | 61 | 51 | 53 | 27 | 13 |
| 19 | 0 | UNL | 12 | | | 67 | 59 | 63 | 54 | 24 | 7 |
| 22 | 0 | UNL | 12 | | | 61 | 57 | 78 | 54 | 27 | 6 |
| DAY 20 | | | | | | | | | | | |
| 01 | 3 | UNL | 12 | | | 57 | 53 | 78 | 50 | 31 | 10 |
| 04 | 0 | UNL | 12 | | | 51 | 43 | 48 | 32 | 35 | 9 |
| 07 | 0 | UNL | 12 | | | 44 | 39 | 60 | 31 | 33 | 10 |
| 10 | 0 | UNL | 15 | | | 49 | 41 | 48 | 30 | 35 | 16 |
| 13 | 0 | UNL | 15 | | | 59 | 46 | 33 | 30 | 36 | 10 |
| 16 | 0 | UNL | 15 | | | 65 | 48 | 24 | 27 | 29 | 10 |
| 19 | 0 | UNL | 15 | | | 59 | 46 | 32 | 29 | 29 | 9 |
| 22 | 0 | UNL | 15 | | | 51 | 40 | 35 | 24 | 31 | 10 |
| DAY 21 | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | | 46 | 37 | 40 | 23 | 31 | 8 |
| 04 | 0 | UNL | 15 | | | 40 | 33 | 45 | 20 | 33 | 14 |
| 07 | 0 | UNL | 15 | | | 35 | 30 | 54 | 20 | 32 | 10 |
| 10 | 0 | UNL | 15 | | | 43 | 35 | 42 | 21 | 02 | 12 |
| 13 | 0 | UNL | 15 | | | 55 | 44 | 39 | 30 | 03 | 14 |
| 16 | 0 | UNL | 15 | | | 55 | 44 | 40 | 31 | 03 | 13 |
| 19 | 0 | UNL | 12 | | | 47 | 41 | 63 | 35 | 09 | 8 |
| 22 | 0 | UNL | 10 | | | 43 | 40 | 76 | 36 | 03 | 4 |
| DAY 22 | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | | 37 | 37 | 96 | 36 | 31 | 5 |
| 04 | 0 | UNL | 10 | | | 33 | 33 | 96 | 32 | 31 | 5 |
| 07 | 0 | UNL | 8 | | | 33 | 32 | 92 | 31 | 34 | 4 |
| 10 | 0 | UNL | 8 | | | 55 | 46 | 51 | 37 | 09 | 7 |
| 13 | 0 | UNL | 15 | | | 65 | 53 | 45 | 43 | 14 | 7 |
| 16 | 0 | UNL | 15 | | | 66 | 53 | 40 | 41 | 14 | 9 |
| 19 | 1 | UNL | 12 | | | 56 | 51 | 72 | 47 | 13 | 7 |
| 22 | 0 | UNL | 12 | | | 54 | 50 | 75 | 46 | 18 | 7 |
| DAY 23 | | | | | | | | | | | |
| 01 | 0 | UNL | 10 | | | 50 | 48 | 86 | 46 | 23 | 7 |
| 04 | 8 | 150 | 10 | | | 50 | 47 | 80 | 44 | 22 | 4 |
| 07 | 8 | CIR | 10 | | | 49 | 46 | 80 | 43 | 24 | 8 |
| 10 | 10 | 150 | 10 | | | 53 | 49 | 72 | 44 | 30 | 7 |
| 13 | 10 | 150 | 12 | | | 60 | 50 | 50 | 41 | 36 | 8 |
| 16 | 10 | 120 | 10 | | | 62 | 51 | 45 | 40 | 28 | 8 |
| 19 | 9 | 100 | 10 | | | 59 | 51 | 60 | 45 | 27 | 6 |
| 22 | 9 | 120 | 10 | | | 55 | 50 | 69 | 45 | 27 | 4 |
| DAY 24 | | | | | | | | | | | |
| 01 | 2 | UNL | 10 | | | 50 | 47 | 83 | 45 | 33 | 3 |
| 04 | 0 | UNL | 10 | | | 48 | 47 | 89 | 45 | 00 | 0 |
| 07 | 8 | CIR | 10 | | | 46 | 45 | 93 | 44 | 26 | 3 |
| 10 | 2 | UNL | 8 | | | 59 | 50 | 51 | 41 | 26 | 8 |
| 13 | 3 | UNL | 10 | | | 69 | 55 | 41 | 44 | 24 | 9 |
| 16 | 8 | CIR | 12 | | | 71 | 55 | 33 | 40 | 25 | 12 |
| 19 | 9 | CIR | 15 | | | 60 | 53 | 65 | 48 | 12 | 8 |
| 22 | 5 | UNL | 10 | | | 56 | 52 | 78 | 49 | 18 | 3 |
| DAY 25 | | | | | | | | | | | |
| 01 | 10 | CIR | 10 | | | 54 | 51 | 80 | 48 | 25 | 3 |
| 04 | 10 | CIR | 10 | | | 55 | 51 | 77 | 48 | 23 | 5 |
| 07 | 10 | 100 | 7 | | R | 54 | 51 | 83 | 49 | 21 | 8 |
| 10 | 10 | 100 | 7 | | | 59 | 54 | 72 | 50 | 18 | 8 |
| 13 | 10 | 100 | 5 | | RWFK | 59 | 58 | 93 | 57 | 19 | 8 |
| 16 | 9 | 12 | 7 | | | 65 | 62 | 87 | 61 | 20 | 18 |
| 19 | 9 | 50 | 10 | | RW | 66 | 59 | 65 | 54 | 25 | 16 |
| 22 | 10 | 25 | 12 | | | 55 | 50 | 69 | 45 | 31 | 18 |
| DAY 26 | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | | 51 | 48 | 80 | 45 | 27 | 12 |
| 04 | 1 | UNL | 15 | | | 41 | 36 | 62 | 29 | 32 | 18 |
| 07 | 0 | UNL | 15 | | | 35 | 31 | 64 | 24 | 32 | 11 |
| 10 | 0 | UNL | 15 | | | 41 | 35 | 53 | 25 | 33 | 17 |
| 13 | 0 | UNL | 15 | | | 47 | 39 | 42 | 25 | 11 | 8 |
| 16 | 0 | UNL | 10 | | | 48 | 40 | 50 | 30 | 14 | 10 |
| 19 | 0 | UNL | 15 | | | 42 | 38 | 73 | 34 | 11 | 8 |
| 22 | 0 | UNL | 15 | | | 39 | 37 | 82 | 34 | 07 | 5 |
| DAY 27 | | | | | | | | | | | |
| 01 | 0 | UNL | 15 | | | 34 | 34 | 96 | 33 | 27 | 3 |
| 04 | 0 | UNL | 10 | | | 32 | 32 | 100 | 32 | 29 | 6 |
| 07 | 0 | UNL | 7 | | | 31 | 31 | 96 | 30 | 28 | 3 |
| 10 | 0 | UNL | 10 | | | 48 | 42 | 61 | 35 | 25 | 4 |
| 13 | 0 | UNL | 15 | | | 59 | 45 | 29 | 27 | 31 | 4 |
| 16 | 3 | UNL | 15 | | | 62 | 49 | 35 | 34 | 13 | 9 |
| 19 | 3 | UNL | 15 | | | 50 | 44 | 64 | 38 | 13 | 7 |
| 22 | 3 | UNL | 12 | | | 48 | 44 | 74 | 40 | 20 | 5 |
| DAY 28 | | | | | | | | | | | |
| 01 | 0 | UNL | 10 | | | 43 | 41 | 86 | 39 | 10 | 3 |
| 04 | 7 | UNL | 8 | | | 40 | 40 | 100 | 40 | 29 | 3 |
| 07 | 10 | CIR | 7 | | | 39 | 39 | 96 | 38 | 32 | 4 |
| 10 | 8 | CIR | 8 | | | 54 | 48 | 64 | 42 | 33 | 4 |
| 13 | 10 | CIR | 8 | | | 65 | 50 | 33 | 35 | 13 | 6 |
| 16 | 9 | 120 | 8 | | | 63 | 48 | 29 | 30 | 11 | 12 |
| 19 | 7 | CIR | 10 | | | 57 | 51 | 69 | 47 | 09 | 4 |
| 22 | 8 | 120 | 10 | | | 52 | 50 | 83 | 47 | 08 | 6 |

NOTES

CEILING COLUMN—

UNL indicates an unlimited ceiling.
CIR indicates a cirriform cloud ceiling of unknown height.

WEATHER COLUMN—

- * Tornado
- T Thunderstorm
- Q Squall
- R Rain
- RW Rain showers
- ZR Freezing rain
- L Drizzle
- ZL Freezing drizzle
- S Snow
- SP Snow pellets
- IC Ice crystals
- SW Snow showers
- SG Snow grains
- E Sleet
- A Hail
- AP Small hail
- F Fog
- IF Ice fog
- GF Ground fog
- BD Blowing dust
- BN Blowing sand
- BS Blowing snow
- BY Blowing spray
- K Smoke
- H Haze
- D Dust

WIND COLUMNS—

Directions are those from which the wind blows, indicated in tens of degrees from true North; i. e., 09 for East, 18 for South, 27 for West. Entry of 00 in the direction column indicates calm.

Speed is expressed in knots; multiply by 1.15 to convert to miles per hour.

ADDITIONAL DATA
Other observational data contained in records on file can be furnished at cost via microfilm or microfiche copies of the original records. Inquiries as to availability and costs should be addressed to:
Director, National Weather Records Center, Federal Building, Asheville, N. C. 28801

STATION: JACKSONVILLE FLA YEAR & MONTH: 70 02