



LOCAL CLIMATOLOGICAL DATA

Latitude **37° 30' N** Longitude **77° 20' W** Elevation (ground) **162 ft.** Standard time used: **EASTERN**

| Date | Temperature (°F) | | | | | | Weather types shown by code 1-9 on dates of occurrence 1 2 3 4 5 6 7 8 9 Fog Heavy Fog x Thunderstorm Sleet Hail Ice Duststorm Smoke, Haze Blowing Snow | Snow, Sleet, or Ice on ground at 07AM (In.) | Precipitation | | Avg. station pressure (In.) Elev. 164 feet m.s.l. | Wind | | | | Sunshine | | Sky cover (Tenths) | | Date | | | |
|------|------------------|---------|---------|-----------------------|-------------------|------------------------|--|---|--------------------------------|-------------------|--|---------------------|----------------------------|--------------------------|--------------|--------------------------|---------------------|--------------------|----------------------|------|-----|-----|-----|
| | Maximum | Minimum | Average | Departure from normal | Average dew point | Degree days (Base 65°) | | | Total (Water equivalent) (In.) | Snow, sleet (In.) | | Resultant direction | Resultant speed (m. p. h.) | Average speed (m. p. h.) | Fastest mile | Total (Hours and tenths) | Percent of possible | Sunrise to sunset | Midnight to midnight | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 58 | 36 | 47 | 4 | 29 | 18 | | 0 | 0 | 0 | 29.86 | 05 | 5.0 | 6.0 | 13 | NE | 11.4 | 100 | 1 | 2 | 1 | 2 | |
| 3 | 48 | 34 | 41 | 2 | 31 | 24 | 1 | 8 | 0 | 0 | 29.84 | 09 | 5.7 | 6.6 | 13 | SE | 3.1 | 27 | 10 | 9 | 9 | 2 | |
| 4 | 51 | 38 | 45 | 2 | 35 | 20 | 1 | 0 | 0 | 0 | 29.90 | 05 | 4.0 | 5.5 | 7 | SE | 2.9 | 25 | 10 | 9 | 3 | 4 | |
| 5 | 54 | 37 | 46 | 2 | 33 | 19 | 1 | 0 | 1.06 | 0 | 29.75 | 10 | 7.8 | 8.6 | 19 | E | 0.2 | 2 | 10 | 9 | 4 | 3 | |
| 6 | 48 | 35 | 42 | 2 | 35 | 23 | 1 | 0 | .45 | 0 | 29.25 | 24 | 8.6 | 12.7 | 22 | W | 0.3 | 2 | 10 | 9 | 5 | 5 | |
| 7 | 44 | 27 | 36 | 9 | 25 | 29 | | 8 | 0 | 0 | 29.32 | 29 | 3.0 | 5.8 | 14 | NW | 6.8 | 41 | 7 | 4 | 6 | 6 | |
| 8 | 52 | 29 | 41 | 4 | 26 | 24 | 1 | 8 | 0 | 0 | 29.58 | 32 | 3.1 | 6.3 | 16 | N | 6.9 | 59 | 3 | 3 | 7 | 7 | |
| 9 | 52 | 34 | 43 | 2 | 30 | 22 | | 8 | 0 | 0 | 29.63 | 36 | 7.0 | 7.6 | 15 | N | 3.1 | 27 | 9 | 9 | 8 | 8 | |
| 10 | 54 | 38 | 46 | 0 | 30 | 19 | | 8 | 0 | T | 29.63 | 25 | 4.7 | 6.5 | 12 | W | 5.3 | 46 | 9 | 8 | 9 | 9 | |
| 11 | 48 | 33 | 41 | 5 | 19 | 24 | | 0 | 0 | 0 | 29.65 | 31 | 11.3 | 12.1 | 19 | NW | 6.1 | 52 | 8 | 6 | 10 | 10 | |
| 12 | 48 | 26 | 37 | 9 | 14 | 28 | | 0 | 0 | 0 | 29.84 | 31 | 8.8 | 9.6 | 15 | NW | 10.6 | 90 | 2 | 2 | 11 | 11 | |
| 13 | 46 | 27 | 37 | 10 | 21 | 28 | | 8 | 0 | 0 | 29.88 | 32 | .8 | 4.0 | 8 | W | 10.7 | 91 | 8 | 6 | 12 | 12 | |
| 14 | 48 | 24 | 36 | 11 | 18 | 29 | | 0 | 0 | 0 | 29.92 | 35 | 2.0 | 4.9 | 9 | N | 11.5 | 97 | 3 | 3 | 13 | 13 | |
| 15 | 58 | 27 | 43 | 4 | 28 | 22 | | 8 | 0 | T | 29.73 | 21 | 4.8 | 6.3 | 23 | NW | 7.1 | 60 | 7 | 6 | 14 | 14 | |
| 16 | 54 | 34 | 44 | 4 | 20 | 21 | | 0 | 0 | 0 | 29.80 | 31 | 9.3 | 10.9 | 18 | NW | 11.9 | 100 | 0 | 1 | 15 | 15 | |
| 17 | 64 | 26 | 45 | 3 | 21 | 20 | | 8 | 0 | 0 | 29.91 | 27 | 7.2 | 9.6 | 23 | W | 12.0 | 100 | 0 | 0 | 16 | 16 | |
| 18 | 45 | 35 | 40 | 8 | 28 | 25 | 1 | 4 | 0 | .81 | 29.88 | 08 | 7.8 | 10.6 | 27 | SE | 0.3 | 3 | 10 | 10 | 17 | 17 | |
| 19 | 61 | 36 | 49 | 0 | 39 | 16 | 12 | 8 | 0 | 0 | 29.69 | 30 | .8 | 7.2 | 10 | NE | 6.4 | 53 | 8 | 7 | 18 | 18 | |
| 20 | 57 | 40 | 49 | 0 | 35 | 16 | 1 | 8 | 0 | T | 29.89 | 04 | 9.5 | 9.8 | 16 | E | 8.8 | 73 | 8 | 9 | 19 | 19 | |
| 21 | 42 | 27 | 35 | 14 | 24 | 30 | 1 | 4 | 6 | .12 | 29.96 | 03 | 10.9 | 13.2 | 18 | N | 1.2 | 10 | 9 | 8 | 20 | 20 | |
| 22 | 41 | 21* | 31 | 19 | 10 | 34 | | T | 0 | 0 | 30.26 | 27 | 7.1 | 9.2 | 18 | SW | 12.2 | 100 | 0 | 0 | 21 | 21 | |
| 23 | 53 | 26 | 40 | 10 | 16 | 25 | | 0 | 0 | 0 | 30.23 | 22 | 11.1 | 11.2 | 26 | SW | 11.2 | 92 | 4 | 2 | 22 | 22 | |
| 24 | 63 | 37 | 50 | 0 | 41 | 15 | 1 | 8 | 0 | .13 | 29.87 | 21 | 13.3 | 13.7 | 26 | SW | 5.3 | 44 | 10 | 7 | 23 | 23 | |
| 25 | 55 | 43 | 49 | 2 | 43 | 16 | 1 | 8 | 0 | T | 29.88 | 06 | 5.7 | 7.3 | 15 | NE | 1.0 | 8 | 10 | 10 | 24 | 24 | |
| 26 | 43 | 39 | 41 | 10 | 38 | 24 | 1 | 8 | 0 | .60 | 30.01 | 06 | 8.1 | 8.3 | 13 | E | 0.0 | 0 | 10 | 10 | 25 | 25 | |
| 27 | 57 | 38 | 48 | 3 | 44 | 17 | 1 | 0 | 0 | .41 | 29.82 | 21 | 2.5 | 8.1 | 21 | NW | 5.1 | 41 | 10 | 10 | 26 | 26 | |
| 28 | 56 | 33 | 45 | 6 | 30 | 20 | | 0 | 0 | 0 | 30.09 | 03 | 8.7 | 9.5 | 19 | N | 11.5 | 93 | 1 | 3 | 27 | 27 | |
| 29 | 62 | 32 | 47 | 5 | 35 | 18 | | 8 | 0 | 0 | 30.15 | 17 | 5.0 | 5.6 | 13 | SW | 8.3 | 67 | 5 | 5 | 28 | 28 | |
| 30 | 69* | 44 | 57 | 5 | 52 | 8 | | 0 | 0 | T | 29.87 | 23 | 9.3 | 10.1 | 24 | SW | 1.7 | 14 | 10 | 9 | 29 | 29 | |
| 31 | 58 | 39 | 49 | 3 | 30 | 16 | | 8 | 0 | 0 | 30.04 | 02 | 13.1 | 13.4 | 25 | NE | 12.5 | 100 | 4 | 4 | 30 | 30 | |
| 31 | 50 | 32 | 41 | 12 | 17 | 24 | | 0 | 0 | 0 | 30.21 | 03 | 9.0 | 9.5 | 14 | NE | 12.6 | 100 | 1 | 0 | 31 | 31 | |
| Sum | 1639 | 1027 | | | | 674 | 128 | | | | 3.68 | 1.0 | 29.85 | 34 | 1.6 | 8.7 | 27 | SE | 206.0 | | | 197 | 180 |
| Avg. | 52.9 | 33.1 | 43.0 | 4.7 | 29 | | | | | | .26 | | | | | | | | 370.9 | 56 | 6.4 | 2.8 | |

* Extreme for the month.

T In columns 9, 10, and 11 and in the Hourly Precipitation table indicates an amount too small to measure.

X Heavy fog - visibility 1/4 mile or less.

HOURLY PRECIPITATION (In.)

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

Data in columns 6, 12, 13, 14, and 15 are obtained from 8 observations per day at 3-hourly intervals. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations; directions are given in tens of degrees from true North. When figures appear in column 17, they indicate directions in tens of degrees from true North (i. e., 09 = East, 27 = West) and the associated speed in column 16 is the fastest observed one-minute wind speed. If / follows direction (Col. 17), speeds are gusts. Corrections, if any, to data in this issue will be published in the annual issue.

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William H. Haggard
Acting Director of National Weather Records Center

AVERAGES BY HOURS

| Hour (Local time) | Sky cover (in tenths) | Station press. (In.) | Dew pt. (°F) | Wet bulb (°F) | Rel. hum. % | Dew point (°F) | Wind speed (m.p.h.) | Direction | Resultant wind speed (m.p.h.) |
|-------------------|-----------------------|----------------------|--------------|---------------|-------------|----------------|---------------------|-----------|-------------------------------|
| 01 | 5 | 29.84 | 39 | 35 | 71 | 30 | 8.1 | 02 | 2.8 |
| 04 | 5 | 29.85 | 37 | 34 | 75 | 29 | 6.9 | 36 | 2.8 |
| 07 | 7 | 29.88 | 36 | 33 | 76 | 28 | 6.9 | 01 | 1.1 |
| 10 | 7 | 29.89 | 43 | 37 | 59 | 28 | 10.4 | 32 | 2.3 |
| 13 | 6 | 29.85 | 48 | 40 | 51 | 29 | 11.5 | 30 | 2.0 |
| 16 | 6 | 29.80 | 51 | 42 | 47 | 29 | 11.5 | 29 | 3.1 |
| 19 | 5 | 29.82 | 46 | 39 | 57 | 30 | 8.1 | 03 | 1.0 |
| 22 | 6 | 29.85 | 41 | 37 | 66 | 30 | 8.1 | 01 | .8 |

