

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

LATITUDE 42° 13' N LONGITUDE 71° 07' W MONTH March YEAR 2020 GROUND ELEVATION 629 FT. STANDARD TIME Eastern

| DAY | TEMPERATURE°F | | | | | | PRECIPITATION (in.) | | SNOW, ICE | WIND | | | SUNSHINE | | SKY COVER SUNBETO SUNSET (Tenth) | WEATHER OCCURANCES | PEAK GUST (m.p.h.) | DIRECTION OF PEAK GUST | AVG. STATION PRESSURE (in.) | AVG. STATION WIND PRESSURE (in.) |
|-----|---------------|---------|---------|-----------------------|------------------------|---------|--------------------------|-----------------------|-----------------------------------|------------------------|----------------|-----------|--------------|---------------------|--|--------------------|--------------------------|---------------------------|--------------------------------|--|
| | MAXIMUM | MINIMUM | AVERAGE | DEPARTURE FROM NORMAL | DEGREE DAYS (Base 65°) | | TOTAL (Water Equivalent) | SNOWFALL, ICE PELLETS | PELLETS OR ICE ON GROUND AT 0700E | AVERAGE SPEED (m.p.h.) | FASTEST MILE | | TOTAL (Min.) | PERCENT OF POSSIBLE | | | | | | |
| | | | | | HEATING | COOLING | | | | | SPEED (m.p.h.) | DIRECTION | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6a | 6b | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 | 33 | 15 | 24 | -7 | 41 | 0 | 0.00 | 0.0 | 0 | 10.6 | 21 | W | 676 | 100 | | | 28 | WNW | 993 | 1.9 |
| 2 | 52 | 24 | 38 | 7 | 27 | 0 | T | T | 0 | 15.5 | 31 | S | 482 | 71 | | | 40 | S | 991 | 4.5 |
| 3 | 64 | 45 | 55 | 23 | 10 | 0 | 0.05 | 0.0 | 0 | 13.2 | 22 | S | 361 | 53 | | | 30 | S | 981 | 9.9 |
| 4 | 50 | 38 | 44 | 12 | 21 | 0 | 0.04 | 0.0 | 0 | 22.1 | 43 | W | 561 | 82 | | | 56 | W | 979 | 4.7 |
| 5 | 51 | 32 | 42 | 10 | 23 | 0 | 0.00 | 0.0 | 0 | 11.3 | 24 | NW | 666 | 97 | | | 31 | W | 993 | 3.7 |
| 6 | 47 | 30 | 39 | 7 | 26 | 0 | 0.04 | 0.3 | 0 | 12.8 | 33 | ENE | 283 | 41 | | | 46 | NE | 991 | 6 |
| 7 | 43 | 26 | 35 | 2 | 30 | 0 | 0.03 | 0.5 | 1 | 17.6 | 29 | N | 534 | 77 | | | 42 | N | 995 | 1.3 |
| 8 | 53 | 26 | 40 | 7 | 25 | 0 | 0.00 | 0.0 | 0 | 11.7 | 24 | W | 508 | 73 | | | 31 | W | 1002 | 2.1 |
| 9 | 72 | 40 | 56 | 23 | 9 | 0 | 0.00 | 0.0 | 0 | 14.2 | 24 | SW | 685 | 98 | | | 32 | SW | 1000 | 3.2 |
| 10 | 68 | 49 | 59 | 26 | 6 | 0 | 0.00 | 0.0 | 0 | 15.1 | 34 | WSW | 246 | 35 | | | 48 | WSW | 992 | 7.5 |
| 11 | 56 | 37 | 47 | 13 | 18 | 0 | 0.00 | 0.0 | 0 | 8.1 | 22 | WNW | 501 | 71 | | | 31 | WNW | 995 | 5.6 |
| 12 | 46 | 31 | 39 | 5 | 26 | 0 | 0.01 | 0.0 | 0 | 7.4 | 15 | SE | 156 | 22 | | | 21 | SE | 999 | 5.8 |
| 13 | 59 | 38 | 49 | 15 | 16 | 0 | 0.20 | 0.0 | 0 | 18.4 | 35 | W | 0 | 0 | | 1 | 46 | WNW | 989 | 7.5 |
| 14 | 51 | 35 | 43 | 8 | 22 | 0 | 0.00 | 0.0 | 0 | 16.3 | 26 | W | 613 | 86 | | | 37 | W | 998 | 3.8 |
| 15 | 47 | 28 | 38 | 3 | 27 | 0 | 0.00 | 0.0 | 0 | 9.6 | 19 | NW | 680 | 95 | | | 28 | NW | 1007 | 2.6 |
| 16 | 36 | 22 | 29 | -6 | 36 | 0 | 0.00 | 0.0 | 0 | 10.0 | 15 | SSE | 618 | 86 | | | 21 | NE | 1011 | 2.7 |
| 17 | 43 | 28 | 36 | 0 | 29 | 0 | 0.06 | 0.4 | T | 10.5 | 22 | W | 0 | 0 | | 2 | 29 | W | 998 | 7.2 |
| 18 | 54 | 31 | 43 | 7 | 22 | 0 | 0.00 | 0.0 | 0 | 9.4 | 17 | S | 609 | 84 | | | 26 | S | 1006 | 3.4 |
| 19 | 43 | 37 | 40 | 4 | 25 | 0 | 0.63 | 0.0 | 0 | 12.6 | 28 | E | 0 | 0 | | 1 | 36 | E | 1002 | 8.0 |
| 20 | 66 | 37 | 52 | 15 | 13 | 0 | 0.03 | 0.0 | 0 | 16.5 | 35 | W | 0 | 0 | | 2 | 48 | W | 988 | 12.2 |
| 21 | 55 | 29 | 42 | 5 | 23 | 0 | 0.00 | 0.0 | 0 | 13.5 | 32 | W | 535 | 73 | | | 45 | W | 1001 | 3.9 |
| 22 | 36 | 23 | 30 | -7 | 35 | 0 | 0.00 | 0.0 | 0 | 9.3 | 17 | N | 692 | 94 | | | 23 | NE | 1014 | 1.8 |
| 23 | 40 | 25 | 33 | -5 | 32 | 0 | 1.74 | 1.6 | 0 | 12.4 | 29 | NNE | 37 | 5 | | | 38 | NNE | 1003 | 5.4 |
| 24 | 48 | 33 | 41 | 3 | 24 | 0 | 0.63 | 0.0 | 0 | 11.3 | 25 | NNW | 148 | 20 | | | 37 | NNW | 994 | 5.9 |
| 25 | 41 | 35 | 38 | 0 | 27 | 0 | 0.03 | 0.0 | 0 | 11.4 | 20 | ENE | 0 | 0 | | | 28 | ENE | 996 | 6.0 |
| 26 | 51 | 30 | 41 | 2 | 24 | 0 | 0.00 | 0.0 | 0 | 10.1 | 18 | SSW | 613 | 82 | | | 25 | SSE | 990 | 4.6 |
| 27 | 61 | 41 | 51 | 12 | 14 | 0 | 0.00 | 0.0 | 0 | 12.4 | 23 | NW | 631 | 84 | | | 32 | NW | 987 | 5.5 |
| 28 | 56 | 36 | 46 | 7 | 19 | 0 | 0.15 | 0.0 | 0 | 7.5 | 14 | NNW | 309 | 41 | | | 22 | S | 998 | 6.3 |
| 29 | 42 | 37 | 40 | 0 | 25 | 0 | 0.74 | 0.0 | 0 | 15.2 | 24 | E | 0 | 0 | | 2,3 | 32 | NE | 994 | 8.3 |
| 30 | 40 | 34 | 37 | -3 | 28 | 0 | 0.21 | 0.0 | 0 | 13.6 | 23 | NE | 0 | 0 | | 2 | 33 | NE | 991 | 7.4 |
| 31 | 40 | 29 | 35 | -6 | 30 | 0 | 0.08 | 0.0 | 0 | 9.6 | 18 | ENE | 564 | 74 | | | 28 | ENE | 992.9 | 5.6 |
| SUM | 1544 | 1001 | ----- | ----- | 733 | 0 | 4.67 | 2.8 | ----- | 389.2 | ----- | ----- | 11708 | ----- | ----- | ----- | ----- | ----- | ----- | 164.3 |
| AVG | 49.8 | 32.3 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 12.6 | FASTEST | DIR. | POSSIBLE | % | ----- | ----- | ----- | ----- | ----- | 5.3 |
| | | | | | | | | | | MISC. | 43 | W | 22287 | 53 | | | 56 | W | | ----- |

| TEMPERATURE DATA | | | | WEATHER | | | | SYMBOLS USED IN COLUMN 16 | | | | | | | | | | | | | | | | |
|--------------------------------|------|----|-----|-------------------------|------------|---------|-----------|--------------------------------|---|--------|--------|--------|-----------------------|--------|--------|--------|--|--|--|--|--|--|--|--|
| AVERAGE MONTHLY | 41.1 | | | TOTAL FOR THE MONTH | 4.67 IN. | | | NUMBER OF DAYS - | 1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS | | | | | | | | | | | | | | | |
| DEPARTURE FROM NORMAL | +5.6 | | | DEPARTURE FROM NORMAL | -0.91 IN. | | | CLEAR (Scale 0-3) | 2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS | | | | | | | | | | | | | | | |
| HIGHEST | 72 | ON | 9th | GRTST IN 24 HRS. | 2.37 | ON | 23rd-24th | PARTLY CLOUDY (Scale 4-7) | 3 = THUNDER | | | | | | | | | | | | | | | |
| LOWEST | 15 | ON | 1st | SNOWFALL, ICE PELLETS | | | | CLOUDY (Scale 8-10) | 4 = ICE PELLETS | | | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH - | | | | TOTAL FOR THE MONTH | 2.8 IN. | | | WITH 0.01 INCH OR MORE PRECIP. | 16 = HAIL | | | | | | | | | | | | | | | |
| MAX 32° OR BELOW | 0 | | | GRTST IN 24 HRS. | 1.6 | ON | 23rd | WITH 0.10 INCH OR MORE PRECIP. | 7 = GLAZE OR RIME | | | | | | | | | | | | | | | |
| MAX 90° OR ABOVE | 0 | | | GRTST DEPTH 07E | 1 | ON | 7th | WITH 0.50 INCH OR MORE PRECIP. | 47 = BLOWING DUST OR BLOWING SAND | | | | | | | | | | | | | | | |
| MIN 32° OR BELOW | 16 | | | PRESSURE DATA | | | | WITH 1.00 INCH OR MORE PRECIP. | 1 = REDUCING VISIBILITY TO 1/4 MILE OR LESS | | | | | | | | | | | | | | | |
| MIN 0° OR BELOW | 0 | | | HIGHEST SEA-LEVEL | 30.744 | IN. ON. | 22-Mar | | 8 = SMOKE OR HAZE | | | | | | | | | | | | | | | |
| HEATING DEGREE DAYS (Base 65°) | | | | LOWEST SEA-LEVEL | 29.353 | IN. ON. | 4-Mar | | 9 = BLOWING SNOW | | | | | | | | | | | | | | | |
| TOTAL THIS MONTH | 733 | | | MAXIMUM PRECIPITATION | | | | | X = TORNADO | | | | | | | | | | | | | | | |
| DEPARTURE FROM NORMAL | -183 | | | At (Minutes) | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 | | | | | | | | |
| SEASONAL TOTAL | 4873 | | | PRECIPITATION (inches) | 0.07 | 0.11 | 0.15 | 0.19 | 0.25 | 0.35 | 0.44 | 0.55 | 0.65 | 0.73 | 0.83 | 0.94 | | | | | | | | |
| DEPARTURE FROM NORMAL | -611 | | | ENDED: DATE | 2050E | 2052E | 2058E | 2058E | 2101E | 2120E | 2138E | 2155E | 2215E | 2235E | 2253E | 2210E | | | | | | | | |
| COOLING DEGREE DAYS (Base 65°) | | | | TIME | 21-Mar | 21-Mar | 21-Mar | 21-Mar | 21-Mar | 21-Mar | 21-Mar | 21-Mar | 21-Mar | 21-Mar | 21-Mar | 21-Mar | | | | | | | | |
| TOTAL THIS MONTH | 0 | | | BAROMETRIC PRESSURE | | | | AVERAGE RELATIVE HUMIDITY | | | | | | | | | | | | | | | | |
| DEPARTURE FROM NORMAL | 0 | | | Hpc. 649 FT. MSL | | | | 1AM: 68% 1PM: 50% | | | | | | | | | | | | | | | | |
| SEASONAL TOTAL | 0 | | | Avg Station Pressure: | 29.400 in. | | | 7AM: 69% 7PM: 63% | | | | | | | | | | | | | | | | |
| DEPARTURE FROM NORMAL | 0 | | | Avg Sea Level Pressure: | 30.121 in. | | | Pk. Gust ASOS 55 W | | | | | | | | | | | | | | | | |
| | | | | CLIMAT | 74492 | 9956 | 0157 | 0051 | 05312 | 01193 | 19522 | 0733 | PREV. WIND DIR. W 12% | | | | | | | | | | | |
| | | | | | | | | STATION INDEX NO: 19-0736-02 | | | | | | | | | | | | | | | | |