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|---|------|-----|------|------|---|------|---------------------|---------------|------------|---|------------|--------------|--------------------------|--------------|--------------------|-----|--------------------|----------------|
| WS FORM F-6 | | | | | | | | | | STATION MOUNT WASHINGTON OBSERVATORY | | | | | | | | |
| PRELIMINARY LOCAL CLIMATOLOGICAL DATA | | | | | | | | | | MONTH FEBRUARY | | | | YEAR 2018 | | | | |
| LATITUDE 44 DEGREES 16 MINUTES NORTH | | | | | LONGITUDE 71 DEGREES 18 MINUTES WEST | | | | | GROUND ELEVATION (H) 6280 FT | | | STANDARD TIME EASTERN | | | | | |
| TEMPERATURE (°F) | | | | | | | PRECIPITATION (IN.) | | | | WIND (MPH) | | | | SUNSHINE (MINUTES) | | SKY COVER (TENTHS) | WEATHER OCCUR. |
| DAY | MAX | MIN | AVG | NORM | DEPART | HEAT | COOL | TOTAL (EQUIV) | SNOW & ICE | SNOW/ICE ON GROUND-7AM | AVG SPEED | FASTEST MILE | | TOTAL | % POSS | | | |
| | | | | | | | | | | | | SPEED | DIR | | | | | |
| 1 | 18 | 7 | 13 | 5 | 8 | 52 | 0 | 0.17 | 2.5 | 3 | 44.8 | 85 | 260 (W) | 0 | 0 | 10 | 1269 | |
| 2 | 17 | -26 | -4 | 5 | -9 | 69 | 0 | 0.39 | 3.5 | 6 | 55.5 | 91 | 290 (W) | 0 | 0 | 10 | 1269 | |
| 3 | 0 | -26 | -13 | 5 | -18 | 78 | 0 | T | T | 6 | 55.2 | 94 | 300 (NW) | 0 | 0 | 10 | 1269 | |
| 4 | 23 | 0 | 12 | 5 | 7 | 53 | 0 | 0.91 | 9.0 | 6 | 53.8 | 106 | 210 (SW) | 7 | 1 | 10 | 1269 | |
| 5 | 25 | -10 | 8 | 5 | 3 | 57 | 0 | 0.10 | 1.0 | 11 | 55.4 | 95 | 290 (W) | 171 | 28 | 8 | 1269 | |
| 6 | 2 | -5 | -1 | 5 | -6 | 66 | 0 | 0.16 | 2.7 | 9 | 43.9 | 63 | 280 (W) | 0 | 0 | 10 | 1269 | |
| 7 | 20 | -3 | 9 | 5 | 4 | 56 | 0 | 0.50 | 8.2 | 10 | 39.2 | 94 | 250 (W) | 0 | 0 | 10 | 1269 | |
| 8 | 0 | -10 | -5 | 5 | -10 | 70 | 0 | 0.10 | 1.8 | 12 | 52.0 | 101 | 290 (W) | 315 | 51 | 8 | 1269 | |
| 9 | 10 | -9 | 1 | 5 | -4 | 64 | 0 | 0.15 | 2.3 | 12 | 42.0 | 71 | 250 (W) | 17 | 3 | 10 | 126 | |
| 10 | 27 | 8 | 18 | 5 | 13 | 47 | 0 | 0.48 | 4.8 | 13 | 56.4 | 90 | 250 (W) | 0 | 0 | 10 | 1269 | |
| 11 | 36 | 24 | 30 | 6 | 24 | 35 | 0 | 0.11 | T | 13 | 40.5 | 101 | 250 (W) | 0 | 0 | 10 | 126 | |
| 12 | 34 | -7 | 14 | 6 | 8 | 51 | 0 | 0.08 | 0.0 | 10 | 72.4 | 110 | 260 (W) | 110 | 17 | 9 | 126 | |
| 13 | 13 | -11 | 1 | 6 | -5 | 64 | 0 | T | T | 10 | 46.8 | 81 | 290 (W) | 627 | 99 | 5 | 126 | |
| 14 | 22 | 9 | 16 | 6 | 10 | 49 | 0 | 0.00 | 0.0 | 10 | 54.9 | 85 | 280 (W) | 243 | 38 | 6 | 126 | |
| 15 | 32 | 17 | 25 | 6 | 19 | 40 | 0 | 0.00 | 0.0 | 9 | 56.5 | 96 | 270 (W) | 171 | 27 | 9 | 126 | |
| 16 | 31 | -3 | 14 | 6 | 8 | 51 | 0 | 0.49 | 3.8 | 10 | 58.4 | 92 | 310 (NW) | 0 | 0 | 10 | 12469 | |
| 17 | 11 | -9 | 1 | 6 | -5 | 64 | 0 | 0.11 | 1.3 | 11 | 43.0 | 95 | 310 (NW) | 519 | 80 | 5 | 1269 | |
| 18 | 20 | 6 | 13 | 7 | 6 | 52 | 0 | 0.51 | 5.2 | 12 | 47.5 | 86 | 280 (W) | 0 | 0 | 10 | 1269 | |
| 19 | 35 | 12 | 24 | 7 | 17 | 41 | 0 | 0.05 | 0.0 | 12 | 44.6 | 89 | 270 (W) | 261 | 40 | 9 | 126 | |
| 20 | 45 | 32 | 39 | 7 | 32 | 26 | 0 | 1.48 | 0.0 | 10 | 53.0 | 89 | 260 (W) | 0 | 0 | 10 | 12 | |
| 21 | 48 | 11 | 30 | 7 | 23 | 35 | 0 | 0.08 | 0.0 | 1 | 68.6 | 104 | 260 (W) | 125 | 19 | 9 | 126 | |
| 22 | 21 | 12 | 17 | 7 | 10 | 48 | 0 | 0.00 | 0.0 | 0 | 39.3 | 82 | 290 (W) | 5 | 1 | 10 | 126 | |
| 23 | 29 | 15 | 22 | 7 | 15 | 43 | 0 | 0.30 | 0.5 | 0 | 36.8 | 88 | 260 (W) | 175 | 26 | 10 | 1246 | |
| 24 | 26 | 11 | 19 | 8 | 11 | 46 | 0 | 0.00 | 0.0 | 1 | 59.8 | 110 | 290 (W) | 0 | 0 | 10 | 126 | |
| 25 | 24 | 6 | 15 | 8 | 7 | 50 | 0 | 0.56 | 5.0 | 1 | 33.4 | 70 | 270 (W) | 0 | 0 | 10 | 1269 | |
| 26 | 21 | 10 | 16 | 8 | 8 | 49 | 0 | 0.00 | 0.0 | 3 | 53.0 | 84 | 290 (W) | 25 | 4 | 10 | 126 | |
| 27 | 21 | 7 | 14 | 8 | 6 | 51 | 0 | 0.00 | 0.0 | 3 | 50.3 | 81 | 300 (NW) | 535 | 79 | 5 | 126 | |
| 28 | 27 | 19 | 23 | 8 | 15 | 42 | 0 | T | T | 3 | 38.7 | 80 | 280 (W) | 105 | 15 | 10 | 126 | |
| SUM | 638 | 87 | ---- | ---- | ---- | 1449 | 0 | 6.73 | 51.6 | ---- | 1395.7 | ---- | ---- | 3411 | ---- | 253 | ---- | |
| AVG | 22.8 | 3.1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 49.8 | FASTEST | DIR | POSS | 19% | 9.0 | ---- | |
| | | | | | | | | | | | MISC. -> | 110 | 260 (W) | 17905 | | | ---- | |

| | | | | | | | | | | | | | | | | | |
|---|-----------------|-----------------------------|-------------------|---------------------------|---|---------------------------|------|-------|----|----|----|----|----|--|--|--|--|
| TEMPERATURE DATA (°F) | | PRECIPITATION DATA (IN.) | | WEATHER | | SYMBOLS USED IN COLUMN 16 | | | | | | | | | | | |
| AVERAGE MONTHLY | 12.9 | TOTAL FOR THE MONTH | 6.73 | NUMBER OF DAYS: | 1 = FOG | | | | | | | | | | | | |
| DEPARTURE FROM NORMAL | 6.8 | DEPARTURE FROM NORMAL | -0.04 | CLEAR (SCALE 0-3) | 2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS | | | | | | | | | | | | |
| HIGHEST | 48 on 21st | 24 HOUR MAX | 1.49 on 19th/20th | PARTLY CLOUDY (SCALE 4-7) | 3 = THUNDER | | | | | | | | | | | | |
| LOWEST | -26 on 2nd, 3rd | SNOWFALL, ICE PELLETS (IN.) | | CLOUDY (SCALE 8-10) | 4 = ICE PELLETS | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | TOTAL FOR THE MONTH | 51.6 | WITH .01" OR MORE PRECIP | 5 = HAIL | | | | | | | | | | | | |
| MAX. 32 OR BELOW | 23 | 24 HOUR MAX | 10.0 7th/8th | WITH .10" OR MORE PRECIP | 6 = GLAZE OR RIME | | | | | | | | | | | | |
| MAX. 90 OR ABOVE | 0 | MAX DEPTH ON GROUND | 13 on 11th + | WITH .50" OR MORE PRECIP | 7 = BLOWING DUST OR SAND | | | | | | | | | | | | |
| MIN. 32 OR BELOW | 28 | PRESSURE DATA (IN.) | | WITH 1.0" OR MORE PRECIP | 8 = SMOKE OR HAZE | | | | | | | | | | | | |
| MIN. 0 OR BELOW | 12 | HIGHEST SEA-LEVEL | 30.853 on 13th | | 9 = BLOWING SNOW | | | | | | | | | | | | |
| HEATING DEGREE DAYS (BASE 65°F) | | LOWEST SEA-LEVEL | 29.541 on 5th | | X = TORNADO | | | | | | | | | | | | |
| TOTAL THIS MONTH | 1449 | AVG STATION | 23.676 | | | | | | | | | | | | | | |
| DEPARTURE FROM NORMAL | -199 | | | | | | | | | | | | | | | | |
| SEASON TOTAL | 8827 | | | | | | | | | | | | | | | | |
| DEPARTURE FROM NORMAL | -519 | | | | | | | | | | | | | | | | |
| COOLING DEGREE DAYS (BASE 65°F) | | | | | | | | | | | | | | | | | |
| TOTAL THIS MONTH | 0 | | | | | | | | | | | | | | | | |
| DEPARTURE FROM NORMAL | 0 | | | | | | | | | | | | | | | | |
| SEASON TOTAL | 0 | | | | | | | | | | | | | | | | |
| DEPARTURE FROM NORMAL | 0 | | | | | | | | | | | | | | | | |
| NOTES: "+" MAX SNOW DEPTH ON GROUND LAST OF SEVERAL OCCURRENCES REPORTED AT 7AM 4TH: PRECIPITATION AND SNOWFALL ESTIMATED AT TWO COLLECTIONS DUE TO UNREALISTICALLY LOW AMOUNT IN CAN FROM HIGH WINDS 5TH, 8TH, 16TH: PRECIPITATION AND SNOWFALL ESTIMATED AT ONE COLLECTION DUE TO EXCESSIVE BLOWING SNOW AND RIME IN CAN 12TH: PRECIPITATION ESTIMATED AT ONE COLLECTION DUE TO UNREALISTICALLY HIGH AMOUNT IN CAN FROM FALLING RIME AND GLAZE ICE 18TH: PRECIP ESTIMATED AT ONE COLLECTION DUE TO CONTENT MISTAKINGLY DISCARDED PRIOR TO MEASUREMENT 20TH: NEW DAILY RECORD HIGH OF 45F; PREVIOUS RECORD OF 40F SET IN 1939 20TH: NEW MONTHLY RECORD HIGH OF 45F; PREVIOUS MONTHLY RECORD OF 43F ORIGINALLY SET ON FEB 11, 1981 & EQUALED ON FEB 12, 1999 21ST: NEW DAILY RECORD HIGH OF 48F; PREVIOUS RECORD OF 39F SET IN 1997. 21ST: NEW MONTHLY RECORD HIGH OF 48F; PREVIOUS MONTHLY RECORD OF 45F ORIGINALLY SET ON 20 FEBRUARY 2018 21ST: SEASONAL (DJF) RECORD HIGH OF 48°F EQUALED; RECORD PREVIOUSLY SET ON 13 JAN 2013. DEEPEST SINGLE MEASUREMENT SNOW DEPTH OF 13.3 INCHES OCCURRED AT 12Z ON THE 10TH | | | | | | | | | | | | | | | | | |
| AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR <table border="1"> <tr> <td>0600</td> <td>1200</td> <td>1800</td> <td>0000</td> <td>MONTH</td> </tr> <tr> <td>83</td> <td>85</td> <td>88</td> <td>86</td> <td>85</td> </tr> </table> | | | | 0600 | 1200 | 1800 | 0000 | MONTH | 83 | 85 | 88 | 86 | 85 | NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 455 HOURS OF PREVAILING WINDS FROM THEW, 68% OF THE TOTAL HOURS OF THE MONTH. | | | |
| 0600 | 1200 | 1800 | 0000 | MONTH | | | | | | | | | | | | | |
| 83 | 85 | 88 | 86 | 85 | | | | | | | | | | | | | |