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|---|------|------|-----|------|--------|---|------|---------------|---------------------|------------------------|---|--------------|----------|--------------------------|--------------------|-----|--------------------|----------------|
| WS FORM F-6 | | | | | | | | | | | STATION MOUNT WASHINGTON OBSERVATORY | | | | | | | |
| PRELIMINARY LOCAL CLIMATOLOGICAL DATA | | | | | | | | | | | MONTH MAY | | | | YEAR 2018 | | | |
| LATITUDE 44 DEGREES 16 MINUTES NORTH | | | | | | LONGITUDE 71 DEGREES 18 MINUTES WEST | | | | | GROUND ELEVATION (H) 6280 FT | | | STANDARD TIME EASTERN | | | | |
| TEMPERATURE (°F) | | | | | | DEGREE DAYS | | | 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-TAM | AVG SPEED | FASTEST MILE | | TOTAL | % POSS | | | |
| 1 | 39 | 24 | 32 | 30 | 2 | 33 | 0 | 0.02 | 0.1 | 13 | 39.0 | 74 | 280 (W) | 385 | 45 | 8 | 126 | |
| 2 | 54 | 39 | 47 | 30 | 17 | 18 | 0 | 0.01 | 0.0 | 7 | 56.3 | 84 | 280 (W) | 641 | 74 | 8 | | |
| 3 | 49 | 41 | 45 | 31 | 14 | 20 | 0 | 0.63 | 0.0 | 1 | 47.9 | 81 | 270 (W) | 0 | 0 | 10 | 12 | |
| 4 | 50 | 33 | 42 | 31 | 11 | 23 | 0 | 0.76 | T | T | 44.5 | 120 | 260 (W) | 0 | 0 | 10 | 1235 | |
| 5 | 40 | 23 | 32 | 32 | 0 | 33 | 0 | 0.00 | 0.0 | 0 | 60.5 | 130 | 260 (W) | 330 | 38 | 9 | 126 | |
| 6 | 43 | 34 | 39 | 32 | 7 | 26 | 0 | 0.10 | 0.0 | 0 | 23.5 | 64 | 270 (W) | 10 | 1 | 10 | 12 | |
| 7 | 40 | 29 | 35 | 32 | 3 | 30 | 0 | T | T | 0 | 23.3 | 50 | 330 (NW) | 867 | 99 | 3 | 12 | |
| 8 | 49 | 32 | 41 | 33 | 8 | 24 | 0 | 0.00 | 0.0 | 0 | 25.0 | 41 | 250 (W) | 882 | 100 | 3 | | |
| 9 | 50 | 39 | 45 | 33 | 12 | 20 | 0 | 0.00 | 0.0 | 0 | 13.2 | 29 | 160 (S) | 885 | 100 | 1 | | |
| 10 | 48 | 36 | 42 | 34 | 8 | 23 | 0 | 0.01 | 0.0 | 0 | 34.7 | 92 | 270 (W) | 462 | 52 | 6 | 12 | |
| 11 | 36 | 18 | 27 | 34 | -7 | 38 | 0 | 0.02 | 0.0 | 0 | 52.5 | 96 | 290 (W) | 657 | 74 | 5 | 126 | |
| 12 | 38 | 21 | 30 | 34 | -4 | 35 | 0 | 0.00 | 0.0 | 0 | 22.5 | 40 | 260 (W) | 827 | 93 | 8 | | |
| 13 | 42 | 27 | 35 | 35 | 0 | 30 | 0 | 0.00 | 0.0 | 0 | 15.7 | 37 | 250 (W) | 894 | 100 | 4 | | |
| 14 | 51 | 35 | 43 | 35 | 8 | 22 | 0 | 0.00 | 0.0 | 0 | 25.2 | 58 | 280 (W) | 887 | 99 | 4 | | |
| 15 | 47 | 31 | 39 | 35 | 4 | 26 | 0 | 0.91 | 0.0 | 0 | 41.1 | 66 | 300 (NW) | 20 | 2 | 10 | 12 | |
| 16 | 43 | 32 | 38 | 36 | 2 | 27 | 0 | 0.00 | 0.0 | 0 | 25.7 | 46 | 270 (W) | 694 | 77 | 8 | 12 | |
| 17 | 44 | 30 | 37 | 36 | 1 | 28 | 0 | 0.00 | 0.0 | 0 | 38.5 | 56 | 300 (NW) | 0 | 0 | 10 | 12 | |
| 18 | 46 | 29 | 38 | 36 | 2 | 27 | 0 | 0.00 | 0.0 | 0 | 18.3 | 50 | 330 (NW) | 894 | 99 | 6 | | |
| 19 | 50 | 38 | 44 | 37 | 7 | 21 | 0 | 0.34 | 0.0 | 0 | 32.3 | 92 | 250 (W) | 315 | 35 | 10 | 12 | |
| 20 | 50 | 31 | 41 | 37 | 4 | 24 | 0 | 0.65 | 0.0 | 0 | 49.5 | 80 | 260 (W) | 0 | 0 | 10 | 12 | |
| 21 | 47 | 30 | 39 | 37 | 2 | 26 | 0 | 0.00 | 0.0 | 0 | 43.6 | 73 | 290 (W) | 899 | 99 | 4 | 126 | |
| 22 | 46 | 35 | 41 | 38 | 3 | 24 | 0 | 0.30 | 0.0 | 0 | 27.7 | 54 | 290 (W) | 0 | 0 | 10 | 12 | |
| 23 | 47 | 34 | 41 | 38 | 3 | 24 | 0 | 0.11 | 0.0 | 0 | 35.5 | 81 | 300 (NW) | 556 | 61 | 8 | 12 | |
| 24 | 44 | 30 | 37 | 38 | -1 | 28 | 0 | 0.00 | 0.0 | 0 | 40.5 | 68 | 320 (NW) | 876 | 96 | 4 | | |
| 25 | 53 | 42 | 48 | 39 | 9 | 17 | 0 | 0.29 | 0.0 | 0 | 58.3 | 94 | 280 (W) | 352 | 38 | 8 | 12 | |
| 26 | 49 | 36 | 43 | 39 | 4 | 22 | 0 | 0.42 | 0.0 | 0 | 33.1 | 72 | 280 (W) | 10 | 1 | 10 | 12 | |
| 27 | 47 | 32 | 40 | 39 | 1 | 25 | 0 | 0.00 | 0.0 | 0 | 15.3 | 30 | 180 (S) | 20 | 2 | 10 | 12 | |
| 28 | 53 | 44 | 49 | 40 | 9 | 16 | 0 | 0.05 | 0.0 | 0 | 27.1 | 59 | 300 (NW) | 155 | 17 | 9 | 12 | |
| 29 | 54 | 43 | 49 | 40 | 9 | 16 | 0 | 0.05 | 0.0 | 0 | 30.0 | 71 | 300 (NW) | 575 | 62 | 4 | 12 | |
| 30 | 56 | 44 | 50 | 40 | 10 | 15 | 0 | 0.00 | 0.0 | 0 | 20.2 | 39 | 280 (W) | 891 | 96 | 6 | 12 | |
| 31 | 62 | 51 | 57 | 41 | 16 | 8 | 0 | 0.00 | 0.0 | 0 | 19.1 | 48 | 260 (W) | 760 | 82 | 5 | 12 | |
| SUM | 1467 | 1043 | --- | --- | --- | 749 | 0 | 4.67 | 0.1 | --- | 1039.6 | --- | --- | 14744 | --- | 221 | --- | |
| AVG | 47.3 | 33.6 | --- | --- | --- | --- | --- | --- | --- | --- | 33.5 | FASTEST | DIR | POSS | 53% | 7.1 | --- | |
| | | | | | | | | | | | MISC. -> | 130 | 260 (W) | 27878 | | | --- | |

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|---------------------------------|------------|-----------------------------|----------------|---------------------------|----|---|--|
| TEMPERATURE DATA (°F) | | PRECIPITATION DATA (IN.) | | WEATHER | | SYMBOLS USED IN COLUMN 16 | |
| AVERAGE MONTHLY | 40.5 | TOTAL FOR THE MONTH | 4.67 | NUMBER OF DAYS: | | 1 = FOG | |
| DEPARTURE FROM NORMAL | 5.0 | DEPARTURE FROM NORMAL | -3.51 | CLEAR (SCALE 0-3) | 3 | 2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS | |
| HIGHEST | 62 on 31st | 24 HOUR MAX | 0.91 on 15th | PARTLY CLOUDY (SCALE 4-7) | 10 | 3 = THUNDER | |
| LOWEST | 18 on 11th | SNOWFALL, ICE PELLETS (IN.) | | CLOUDY (SCALE 8-10) | 18 | 4 = ICE PELLETS | |
| NUMBER OF DAYS WITH: | | TOTAL FOR THE MONTH | 0.1 | WITH .01" OR MORE PRECIP | 16 | 5 = HAIL | |
| MAX. 32 OR BELOW | 0 | 24 HOUR MAX | 0.1 on 1st | WITH .10" OR MORE PRECIP | 10 | 6 = GLAZE OR RIME | |
| MAX. 90 OR ABOVE | 0 | MAX DEPTH ON GROUND | 13 on 1st | WITH .50" OR MORE PRECIP | 4 | 7 = BLOWING DUST OR SAND | |
| MIN. 32 OR BELOW | 15 | | | WITH 1.0" OR MORE PRECIP | 0 | 8 = SMOKE OR HAZE | |
| MIN. 0 OR BELOW | 0 | PRESSURE DATA (IN.) | | | | 9 = BLOWING SNOW | |
| HEATING DEGREE DAYS (BASE 65°F) | | HIGHEST SEA-LEVEL | 30.545 on 18th | | | X = TORNADO | |
| TOTAL THIS MONTH | 749 | LOWEST SEA-LEVEL | 29.627 on 4th | | | | |
| DEPARTURE FROM NORMAL | -164 | AVG STATION | 23.864 | | | | |

NOTES:
4TH: SNOWFALL FELL AS SMALL HAIL; AMOUNT ESTIMATED DUE TO MELTING PRIOR TO BEING SAFE ENOUGH TO COLLECT
5TH: RIME ICE THICK ENOUGH TO CAUSE THE APPEARANCE OF A TRACE OF SNOW DEPTH

| | | | | | | | | |
|--------------------------------|---|--|------|------|------|-------|--|--|
| COOLING DEGREE DAYS (BASE 65F) | | AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR | | | | | NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 387 HOURS OF PREVAILING WINDS FROM THE W, 52% OF THE TOTAL HOURS OF THE MONTH. | |
| TOTAL THIS MONTH | 0 | 0600 | 1200 | 1800 | 0000 | MONTH | | |
| DEPARTURE FROM NORMAL | 0 | 71 | 70 | 82 | 78 | 75 | | |
| SEASON TOTAL | 0 | | | | | | | |
| DEPARTURE FROM NORMAL | 0 | | | | | | | |