

| WS FORM F-6 | | | | | | | | | | | STATION MOUNT WASHINGTON OBSERVATORY | | | | | | |
|---|------|------|------|------|---|---------------------|------|---------------|------------|------------------------|---|---------------|----------|--------------------------|--------|--------------------|----------------|
| PRELIMINARY LOCAL CLIMATOLOGICAL DATA | | | | | | | | | | | MONTH MAY | | | YEAR 2020 | | | |
| 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 SPEED | DIR | TOTAL | % POSS | COVER | WEATHER |
| 1 | 41 | 26 | 34 | 30 | 4 | 31 | 0 | 0.80 | 0.0 | 8 | 46.8 | 111 | 160 (S) | 10 | 1 | 10 | 126 |
| 2 | 33 | 20 | 27 | 30 | -3 | 38 | 0 | 0.00 | 0.0 | 7 | 54.6 | 105 | 330 (NW) | 560 | 65 | 8 | 126 |
| 3 | 42 | 31 | 37 | 31 | 6 | 28 | 0 | 0.02 | 0.2 | 7 | 31.4 | 71 | 270 (W) | 245 | 28 | 9 | 12 |
| 4 | 33 | 20 | 27 | 31 | -4 | 38 | 0 | 0.21 | 1.8 | 6 | 49.3 | 85 | 310 (NW) | 0 | 0 | 10 | 1269 |
| 5 | 20 | 15 | 18 | 32 | -14 | 47 | 0 | 0.06 | 0.6 | 6 | 37.8 | 74 | 300 (NW) | 80 | 9 | 10 | 1269 |
| 6 | 31 | 18 | 25 | 32 | -7 | 40 | 0 | T | T | 6 | 10.8 | 28 | 300 (NW) | 412 | 47 | 8 | 126 |
| 7 | 28 | 19 | 24 | 32 | -8 | 41 | 0 | 0.10 | 0.9 | 6 | 24.3 | 58 | 230 (SW) | 635 | 72 | 6 | 126 |
| 8 | 23 | 13 | 18 | 33 | -15 | 47 | 0 | 0.38 | 3.1 | 6 | 35.3 | 82 | 300 (NW) | 35 | 4 | 10 | 12469 |
| 9 | 16 | 7 | 12 | 33 | -21 | 53 | 0 | 1.08 | 11.3 | 10 | 60.8 | 123 | 280 (W) | 0 | 0 | 10 | 1269 |
| 10 | 20 | 8 | 14 | 34 | -20 | 51 | 0 | 0.26 | 1.7 | 14 | 72.8 | 107 | 280 (W) | 15 | 2 | 10 | 1269 |
| 11 | 34 | 18 | 26 | 34 | -8 | 39 | 0 | 0.65 | 5.1 | 14 | 35.1 | 73 | 280 (W) | 70 | 8 | 10 | 1269 |
| 12 | 18 | 12 | 15 | 34 | -19 | 50 | 0 | 0.51 | 3.5 | 18 | 58.5 | 100 | 310 (NW) | 305 | 34 | 9 | 1269 |
| 13 | 22 | 9 | 16 | 35 | -19 | 49 | 0 | 0.00 | 0.0 | 17 | 66.3 | 98 | 300 (NW) | 654 | 73 | 6 | 1269 |
| 14 | 35 | 19 | 27 | 35 | -8 | 38 | 0 | T | 0.1 | 12 | 42.8 | 85 | 300 (NW) | 802 | 89 | 5 | |
| 15 | 45 | 32 | 39 | 35 | 4 | 26 | 0 | 0.95 | T | 12 | 31.5 | 95 | 250 (W) | 0 | 0 | 10 | 12 |
| 16 | 37 | 28 | 33 | 36 | -3 | 32 | 0 | 0.16 | 0.0 | 6 | 38.8 | 101 | 310 (NW) | 9 | 1 | 10 | 126 |
| 17 | 40 | 30 | 35 | 36 | -1 | 30 | 0 | 0.00 | 0.0 | 6 | 17.0 | 35 | 270 (W) | 410 | 45 | 10 | 12 |
| 18 | 45 | 30 | 38 | 36 | 2 | 27 | 0 | 0.00 | 0.0 | 6 | 14.7 | 36 | 070 (E) | 760 | 84 | 8 | |
| 19 | 41 | 27 | 34 | 37 | -3 | 31 | 0 | 0.00 | 0.0 | 6 | 15.3 | 33 | 100 (E) | 857 | 94 | 5 | |
| 20 | 50 | 34 | 42 | 37 | 5 | 23 | 0 | 0.00 | 0.0 | 5 | 11.4 | 25 | 030 (NE) | 909 | 100 | 3 | |
| 21 | 53 | 38 | 46 | 37 | 9 | 19 | 0 | 0.00 | 0.0 | 4 | 29.4 | 59 | 280 (W) | 892 | 98 | 6 | |
| 22 | 55 | 40 | 48 | 38 | 10 | 17 | 0 | 0.00 | 0.0 | 3 | 37.4 | 67 | 290 (W) | 898 | 98 | 4 | |
| 23 | 55 | 43 | 49 | 38 | 11 | 16 | 0 | 0.00 | 0.0 | 1 | 15.0 | 45 | 300 (NW) | 901 | 98 | 4 | |
| 24 | 54 | 40 | 47 | 38 | 9 | 18 | 0 | 0.00 | 0.0 | T | 8.3 | 21 | 280 (W) | 902 | 98 | 5 | |
| 25 | 54 | 46 | 50 | 39 | 11 | 15 | 0 | T | 0.0 | 0 | 18.7 | 44 | 260 (W) | 592 | 64 | 8 | 12 |
| 26 | 62 | 48 | 55 | 39 | 16 | 10 | 0 | 0.00 | 0.0 | 0 | 17.5 | 38 | 280 (W) | 610 | 66 | 8 | 12 |
| 27 | 66 | 56 | 61 | 39 | 22 | 4 | 0 | 0.00 | 0.0 | 0 | 11.7 | 24 | 280 (W) | 765 | 83 | 6 | 3 |
| 28 | 62 | 53 | 58 | 40 | 18 | 7 | 0 | 0.01 | 0.0 | 0 | 21.3 | 69 | 230 (SW) | 185 | 20 | 10 | 12 |
| 29 | 58 | 50 | 54 | 40 | 14 | 11 | 0 | 0.80 | 0.0 | 0 | 41.1 | 88 | 260 (W) | 25 | 3 | 10 | 123 |
| 30 | 51 | 37 | 44 | 40 | 4 | 21 | 0 | 0.22 | 0.0 | 0 | 43.8 | 92 | 270 (W) | 165 | 18 | 9 | 12 |
| 31 | 38 | 18 | 28 | 41 | -13 | 37 | 0 | 0.17 | 0.6 | T | 54.6 | 81 | 290 (W) | 0 | 0 | 10 | 126 |
| SUM | 1262 | 885 | ---- | ---- | ---- | 934 | 0 | 6.38 | 28.9 | ---- | 1054.1 | ---- | ---- | 12703 | ---- | 247 | ---- |
| AVG | 40.7 | 28.5 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 34.0 | FASTEST | DIR | POSS | 46% | 8.0 | ---- |
| | | | | | | | | | | | MISC. -> | 123 | 280 (W) | 27878 | | | ---- |

| TEMPERATURE DATA (°F) | | PRECIPITATION DATA (IN.) | | WEATHER | | SYMBOLS USED IN COLUMN 16 | |
|---------------------------------|------------|-----------------------------|-----------------|---------------------------|-------------------|---|--|
| AVERAGE MONTHLY | 34.6 | TOTAL FOR THE MONTH | 6.38 | NUMBER OF DAYS: | | 1 = FOG | |
| DEPARTURE FROM NORMAL | -0.9 | DEPARTURE FROM NORMAL | -1.80 | 24 HOUR MAX | 1.16 on 11th/12th | 2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS | |
| HIGHEST | 66 on 27th | SNOWFALL, ICE PELLETS (IN.) | | CLEAR (SCALE 0-3) | 1 | 3 = THUNDER | |
| LOWEST | 7 on 9th | TOTAL FOR THE MONTH | 28.9 | PARTLY CLOUDY (SCALE 4-7) | 9 | 4 = ICE PELLETS | |
| NUMBER OF DAYS WITH: | | 24 HOUR MAX | 11.9 on 8th/9th | CLOUDY (SCALE 8-10) | 21 | 5 = HAIL | |
| MAX. 32 OR BELOW | 8 | MAX DEPTH ON GROUND | 18 on 12th | WITH .01" OR MORE PRECIP | 16 | 6 = GLAZE OR RIME | |
| MAX. 90 OR ABOVE | 0 | AVG STATION | 23.767 | WITH .10" OR MORE PRECIP | 13 | 7 = BLOWING DUST OR SAND | |
| MIN. 32 OR BELOW | 20 | | | WITH .50" OR MORE PRECIP | 6 | 8 = SMOKE OR HAZE | |
| MIN. 0 OR BELOW | 0 | | | WITH 1.0" OR MORE PRECIP | 1 | 9 = BLOWING SNOW | |
| HEATING DEGREE DAYS (BASE 65°F) | | HIGHEST SEA-LEVEL | 30.625 on 20th | | | X = TORNADO | |
| TOTAL THIS MONTH | 934 | LOWEST SEA-LEVEL | 29.415 on 9th | | | | |
| DEPARTURE FROM NORMAL | 21 | | | | | | |
| SEASON TOTAL | 12643 | | | | | | |
| DEPARTURE FROM NORMAL | -466 | | | | | | |

NOTES: GREATEST SINGLE MEASUREMENT SNOW DEPTH OF 17.9 INCHES OCCURRED AT 12Z ON THE 12TH.
 9TH: DAILY RECORD LOW OF 7°F EQUALED; RECORD ORIGINALLY SET IN 1962.
 13TH: DAILY RECORD LOW OF 9°F EQUALED; RECORD ORIGINALLY SET IN 2005.
 26TH: NEW DAILY RECORD HIGH OF 62°F; PREVIOUS RECORD OF 59°F ORIGINALLY SET IN 1978 AND EQUALED IN 2010
 27TH: NEW DAILY RECORD HIGH OF 66°F; PREVIOUS RECORD OF 63°F ORIGINALLY SET IN 1978.
 27TH: MONTHLY RECORD HIGH OF 66°F EQUALED; RECORD ORIGINALLY SET ON MAY 22ND, 1977.

| 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 306 HOURS OF PREVAILING WINDS FROM THE W, 41% OF THE TOTAL HOURS OF THE MONTH. |
|--|------|------|------|-------|---|
| 0600 | 1200 | 1800 | 0000 | MONTH | |
| 80 | 76 | 73 | 80 | 77 | |