

| WS FORM F-6                           |      |     |      |      |        |                            |      |               |                     |                        | STATION                      |                    |      |               |                    |     |                    |                |
|---------------------------------------|------|-----|------|------|--------|----------------------------|------|---------------|---------------------|------------------------|------------------------------|--------------------|------|---------------|--------------------|-----|--------------------|----------------|
| PRELIMINARY LOCAL CLIMATOLOGICAL DATA |      |     |      |      |        |                            |      |               |                     |                        | MOUNT WASHINGTON OBSERVATORY |                    |      |               |                    |     |                    |                |
|                                       |      |     |      |      |        |                            |      |               |                     |                        | MONTH                        |                    |      | YEAR          |                    |     |                    |                |
|                                       |      |     |      |      |        |                            |      |               |                     |                        | DECEMBER                     |                    |      | 2006          |                    |     |                    |                |
| LATITUDE                              |      |     |      |      |        | LONGITUDE                  |      |               |                     |                        | GROUND ELEVATION (H)         |                    |      | STANDARD TIME |                    |     |                    |                |
| 44 DEGREES 16 MINUTES NORTH           |      |     |      |      |        | 71 DEGREES 18 MINUTES WEST |      |               |                     |                        | 6280 FT                      |                    |      | 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-6AM | AVG SPEED                    | FASTEST MILE SPEED | DIR  | TOTAL         | % POSS             |     |                    |                |
| 1                                     | 43   | 24  | 34   | 15   | 19     | 31                         | 0    | 1.60          | 0.0                 | 0                      | 38.0                         | 93                 | S    | 0             | 0                  | 10  | 1236               |                |
| 2                                     | 24   | 4   | 14   | 14   | 0      | 51                         | 0    | 0.24          | 1.7                 | 0                      | 73.9                         | 101                | NW   | 0             | 0                  | 10  | 126                |                |
| 3                                     | 15   | -1  | 7    | 14   | -7     | 58                         | 0    | 0.05          | 0.8                 | 1                      | 53.3                         | 99                 | NW   | 110           | 20                 | 9   | 126                |                |
| 4                                     | 14   | -6  | 4    | 14   | -10    | 61                         | 0    | 0.34          | 5.2                 | 2                      | 48.9                         | 82                 | NW   | 0             | 0                  | 10  | 1269               |                |
| 5                                     | 2    | -8  | -3   | 13   | -16    | 68                         | 0    | 0.04          | 0.8                 | 4                      | 42.3                         | 66                 | NW   | 155           | 28                 | 9   | 126                |                |
| 6                                     | 19   | -1  | 9    | 13   | -4     | 56                         | 0    | 0.04          | 0.3                 | 4                      | 44.8                         | 89                 | W    | 15            | 3                  | 10  | 1269               |                |
| 7                                     | 20   | -2  | 9    | 13   | -4     | 56                         | 0    | 0.35          | 4.3                 | 4                      | 33.8                         | 62                 | W    | 0             | 0                  | 10  | 1269               |                |
| 8                                     | 0    | -12 | -6   | 12   | -18    | 71                         | 0    | 0.31          | 2.6                 | 8                      | 57.0                         | 102                | N    | 65            | 12                 | 9   | 1269               |                |
| 9                                     | 23   | -2  | 11   | 12   | -1     | 54                         | 0    | 0.10          | 0.7                 | 5                      | 57.7                         | 88                 | NW   | 5             | 1                  | 10  | 1269               |                |
| 10                                    | 28   | 16  | 22   | 12   | 10     | 43                         | 0    | 0.00          | 0.0                 | 5                      | 56.5                         | 86                 | NW   | 400           | 73                 | 5   | 1269               |                |
| 11                                    | 28   | 17  | 23   | 11   | 12     | 42                         | 0    | 0.14          | 0.7                 | 4                      | 36.4                         | 73                 | NW   | 113           | 21                 | 8   | 1269               |                |
| 12                                    | 33   | 22  | 28   | 11   | 17     | 37                         | 0    | 0.00          | 0.0                 | 4                      | 17.6                         | 58                 | S    | 547           | 100                | 1   | 9                  |                |
| 13                                    | 30   | 22  | 26   | 11   | 15     | 39                         | 0    | 0.02          | 0.2                 | 3                      | 47.0                         | 74                 | W    | 0             | 0                  | 10  | 1269               |                |
| 14                                    | 28   | 22  | 25   | 10   | 15     | 40                         | 0    | 0.00          | 0.0                 | 3                      | 43.1                         | 70                 | W    | 160           | 29                 | 8   | 126                |                |
| 15                                    | 30   | 21  | 26   | 10   | 16     | 39                         | 0    | 0.11          | 0.5                 | 3                      | 36.5                         | 68                 | W    | 105           | 19                 | 9   | 126                |                |
| 16                                    | 26   | 15  | 21   | 10   | 11     | 44                         | 0    | 0.09          | 0.5                 | 4                      | 52.3                         | 80                 | NW   | 0             | 0                  | 10  | 1269               |                |
| 17                                    | 34   | 22  | 28   | 9    | 19     | 37                         | 0    | T             | T                   | 4                      | 60.3                         | 88                 | NW   | 5             | 1                  | 10  | 1269               |                |
| 18                                    | 23   | 7   | 15   | 9    | 6      | 50                         | 0    | 0.12          | 0.9                 | 4                      | 55.8                         | 87                 | NW   | 50            | 9                  | 10  | 1269               |                |
| 19                                    | 8    | 3   | 6    | 9    | -3     | 59                         | 0    | 0.17          | 2.7                 | 5                      | 52.9                         | 79                 | NW   | 0             | 0                  | 10  | 1269               |                |
| 20                                    | 17   | 1   | 9    | 9    | 0      | 56                         | 0    | 0.01          | 0.3                 | 6                      | 53.9                         | 89                 | NW   | 498           | 92                 | 3   | 1269               |                |
| 21                                    | 18   | 7   | 13   | 8    | 5      | 52                         | 0    | 0.00          | 0.0                 | 6                      | 70.8                         | 95                 | NW   | 25            | 5                  | 10  | 1269               |                |
| 22                                    | 33   | 16  | 25   | 8    | 17     | 40                         | 0    | 0.27          | 0.8                 | 6                      | 30.8                         | 70                 | N    | 105           | 19                 | 10  | 12469              |                |
| 23                                    | 38   | 20  | 29   | 8    | 21     | 36                         | 0    | 0.69          | 0.0                 | 7                      | 49.6                         | 97                 | NW   | 0             | 0                  | 10  | 126                |                |
| 24                                    | 21   | 11  | 16   | 8    | 8      | 49                         | 0    | 0.14          | 0.7                 | 5                      | 66.0                         | 100                | NW   | 0             | 0                  | 10  | 126                |                |
| 25                                    | 26   | 12  | 19   | 7    | 12     | 46                         | 0    | 0.05          | 0.6                 | 5                      | 44.2                         | 82                 | NW   | 187           | 34                 | 9   | 126                |                |
| 26                                    | 31   | 11  | 21   | 7    | 14     | 44                         | 0    | 0.51          | 2.7                 | 6                      | 36.5                         | 63                 | S    | 0             | 0                  | 10  | 1269               |                |
| 27                                    | 13   | -3  | 5    | 7    | -2     | 60                         | 0    | 0.09          | 1.0                 | 7                      | 42.8                         | 68                 | NW   | 0             | 0                  | 10  | 1269               |                |
| 28                                    | 11   | -2  | 5    | 7    | -2     | 60                         | 0    | 0.36          | 3.3                 | 8                      | 53.7                         | 82                 | NW   | 0             | 0                  | 10  | 1269               |                |
| 29                                    | 14   | -6  | 4    | 7    | -3     | 61                         | 0    | 0.00          | 0.0                 | 10                     | 51.9                         | 83                 | NW   | 546           | 100                | 2   | 1269               |                |
| 30                                    | 13   | 3   | 8    | 7    | 1      | 57                         | 0    | 0.74          | 4.6                 | 10                     | 42.6                         | 91                 | NW   | 0             | 0                  | 10  | 1269               |                |
| 31                                    | 27   | 2   | 15   | 7    | 8      | 50                         | 0    | 0.00          | 0.0                 | 10                     | 49.3                         | 101                | N    | 531           | 97                 | 5   | 1269               |                |
| SUM                                   | 690  | 235 | ---- | ---- | ----   | 1547                       | 0    | 6.58          | 35.9                | ----                   | 1500.2                       | ----               | ---- | 3622          | ----               | 267 | ----               |                |
| AVG                                   | 22.3 | 7.6 | ---- | ---- | ----   | ----                       | ---- | ----          | ----                | ----                   | 48.4                         | FASTEST            | DIR  | POSS          | %                  |     | ----               |                |
|                                       |      |     |      |      |        |                            |      |               |                     |                        |                              | 102                | N    | 16968         | 21%                | 9   | ----               |                |

  

| TEMPERATURE DATA (°F)           |            | PRECIPITATION DATA (IN.)    |                    | WEATHER                   |    | SYMBOLS USED IN COLUMN 16     |  |
|---------------------------------|------------|-----------------------------|--------------------|---------------------------|----|-------------------------------|--|
| AVERAGE MONTHLY                 | 15.0       | TOTAL FOR THE MONTH         | 6.58               | NUMBER OF DAYS:           |    | 1 = FOG                       |  |
| DEPARTURE FROM NORMAL           | 4.9        | DEPARTURE FROM NORMAL       | -2.26              |                           |    | 2 = FOG REDUCING VISIBILITY   |  |
| HIGHEST                         | 43 on 1st  | 24 HOUR MAX                 | 1.60 on 1st        | CLEAR (SCALE 0-3)         | 3  | TO 1/4 MILE OR LESS           |  |
| LOWEST                          | -12 on 8th |                             |                    | PARTLY CLOUDY (SCALE 4-7) | 2  |                               |  |
|                                 |            | SNOWFALL, ICE PELLETS (IN.) |                    | CLOUDY (SCALE 8-10)       | 26 | 4 = ICE PELLETS               |  |
| NUMBER OF DAYS WITH:            |            |                             |                    | WITH .01" OR MORE PRECIP  | 24 | 5 = HAIL                      |  |
| MAX. 32 OR BELOW                | 26         | TOTAL FOR THE MONTH         | 35.9               | WITH .10" OR MORE PRECIP  | 16 | 6 = GLAZE OR RIME             |  |
| MAX. 90 OR ABOVE                | 0          | 24 HOUR MAX                 | 5.9 on 7th/8th     | WITH .50" OR MORE PRECIP  | 4  | 7 = BLOWING DUST OR SAND      |  |
| MIN. 32 OR BELOW                | 31         | MAX DEPTH ON GROUND         | 10.0 on 29, 30, 31 | WITH 1.0" OR MORE PRECIP  | 1  | RED. VIS. TO 1/2 MILE OR LESS |  |
| MIN. 0 OR BELOW                 | 10         |                             |                    |                           |    | 8 = SMOKE OR HAZE             |  |
|                                 |            | PRESSURE DATA (IN.)         |                    |                           |    | 9 = BLOWING SNOW              |  |
| HEATING DEGREE DAYS (BASE 65°F) |            | HIGHEST SEA-LEVEL           | 30.614 on 12th     |                           |    | X = TORNADO                   |  |
|                                 |            | LOWEST SEA-LEVEL            | 29.346 on 26th     |                           |    |                               |  |
| TOTAL THIS MONTH                | 1547       | AVG STATION                 | 23.639             |                           |    |                               |  |
| DEPARTURE FROM NORMAL           | -155       |                             |                    |                           |    |                               |  |
| SEASON TOTAL                    | 5387       |                             |                    |                           |    |                               |  |
| DEPARTURE FROM NORMAL           | -511       |                             |                    |                           |    |                               |  |
| COOLING DEGREE DAYS (BASE 65°F) |            |                             |                    |                           |    |                               |  |
| TOTAL THIS MONTH                | 0          |                             |                    |                           |    |                               |  |
| DEPARTURE FROM NORMAL           | 0          |                             |                    |                           |    |                               |  |
| SEASON TOTAL                    | 0          |                             |                    |                           |    |                               |  |
| DEPARTURE FROM NORMAL           | 0          |                             |                    |                           |    |                               |  |

  

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|---|--|--|--|--|
| NOTES: 24th: Daily average windspeed contains 2 hrs of observer estimated speeds due to ice interference with pitot tube. |  |  |  |  |
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|   |  |  |  |  |
|   |  |  |  |  |

  

| AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR |      |      |      |       |
|--|------|------|------|-------|
| 0600   | 1200 | 1800 | 0000 | MONTH |
| 84   | 85   | 84   | 84   | 84    |

  

NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 464 HOURS OF PREVAILING WINDS FROM THE NW, 62% OF THE TOTAL HOURS OF THE MONTH.