

| WS FORM F-6 | | U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE | | | | | | | | | | | STATION Blue Hill Observatory Milton, MA 02186 | | | | | | | | | | | |
|---------------------------------------|----------------|--|---------|-----------------------|------------------------|---------|--------------------------|-----------------------|---|-----------------------------|--|---------------------|--|--------------------------|---|--------------------|-----------------------|---------------------------|--------------------------------|---|--|--|--|--|
| PRELIMINARY LOCAL CLIMATOLOGICAL DATA | | | | | | | | | | | MONTH JUNE | | | | YEAR 2021 | | | | | | | | | |
| LATITUDE 42° 13' N | | | | | LONGITUDE 71° 07' W | | | | | GROUND ELEVATION 629 FT. | | | | STANDARD TIME Eastern | | | | | | | | | | |
| DAY | TEMPERATURE *F | | | | DEGREE DAYS (Base 65°) | | PRECIPITATION (in.) | | SNOW, ICE PELLETS OR ICE ON GROUND AT 0700E | | WIND | | SUNSHINE | | SKY COVER SUNRISE TO SUNSET (Tenths) | WEATHER OCCURANCES | PEAK GUST (m.p.h.) | DIRECTION OF PEAK GUST | AVG. STATION PRESSURE (in.) | AVG. STATION VAPOR PRESSURE (in.) | | | | |
| | MAXIMUM | MINIMUM | AVERAGE | DEPARTURE FROM NORMAL | HEATING | COOLING | TOTAL (Water Equivalent) | SNOWFALL, ICE PELLETS | AVERAGE SPEED (m.p.h.) | FASTEST MILE | TOTAL (Min.) | PERCENT OF POSSIBLE | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6a | 6b | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | | | |
| 1 | 74 | 50 | 62 | 0 | 3 | 0 | 0.00 | 0.0 | 0 | 10.9 | 17 | WSW | 425 | 47 | | | 20 | WSW | 1000 | 11.0 | | | | |
| 2 | 80 | 55 | 68 | 6 | 0 | 3 | 0.00 | 0.0 | 0 | 9.4 | 20 | S | 553 | 61 | | | 28 | S | 999 | 14.3 | | | | |
| 3 | 73 | 56 | 65 | 3 | 0 | 0 | 0.01 | 0.0 | 0 | 11.3 | 21 | S | 73 | 8 | | | 29 | SSW | 994 | 18.2 | | | | |
| 4 | 77 | 61 | 69 | 6 | 0 | 4 | 0.02 | 0.0 | 0 | 11.0 | 18 | SW | 54 | 6 | | 1,3 | 23 | SW | 989 | 20.7 | | | | |
| 5 | 87 | 60 | 74 | 11 | 0 | 9 | 0.00 | 0.0 | 0 | 12.6 | 24 | SSW | 801 | 88 | | | 32 | SSW | 988 | 19.7 | | | | |
| 6 | 91 | 69 | 80 | 17 | 0 | 15 | 0.00 | 0.0 | 0 | 12.3 | 22 | WSW | 819 | 90 | | | 30 | WSW | 993 | 16.8 | | | | |
| 7 | 92 | 69 | 81 | 17 | 0 | 16 | 0.00 | 0.0 | 0 | 12.5 | 24 | SSW | 838 | 92 | | | 31 | SSW | 994 | 22.7 | | | | |
| 8 | 92 | 69 | 81 | 17 | 0 | 16 | 0.06 | 0.0 | 0 | 9.5 | 18 | WSW | 456 | 50 | | 1,2,3 | 24 | WSW | 993 | 22.6 | | | | |
| 9 | 88 | 70 | 79 | 15 | 0 | 14 | 0.02 | 0.0 | 0 | 7.7 | 15 | NNW | 530 | 58 | | | 21 | N | 991 | 22.1 | | | | |
| 10 | 70 | 53 | 62 | -3 | 3 | 0 | 0.00 | 0.0 | 0 | 10.3 | 18 | ENE | 795 | 87 | | | 28 | NE | 995 | 10.3 | | | | |
| 11 | 70 | 51 | 61 | -4 | 4 | 0 | 0.13 | 0.0 | 0 | 7.8 | 15 | SSE | 411 | 45 | | 1 | 21 | SSE | 993 | 11.2 | | | | |
| 12 | 72 | 53 | 63 | -2 | 2 | 0 | 0.43 | 0.0 | 0 | 4.3 | 13 | WSW | 430 | 47 | | 1,2 | 20 | WSW | 988 | 14.2 | | | | |
| 13 | 82 | 56 | 69 | 4 | 0 | 4 | 0.00 | 0.0 | 0 | 11.0 | 20 | SSW | 860 | 94 | | | 26 | SSW | 989 | 14.1 | | | | |
| 14 | 65 | 56 | 61 | -5 | 4 | 0 | 0.63 | 0.0 | 0 | 10.2 | 20 | S | 27 | 3 | | 1,2 | 28 | S | 989 | 18.1 | | | | |
| 15 | 77 | 61 | 69 | 3 | 0 | 4 | T | 0.0 | 0 | 5.5 | 14 | NE | 357 | 39 | | 1,2,3 | 18 | NE | 984 | 20.7 | | | | |
| 16 | 73 | 56 | 65 | -1 | 0 | 0 | 0.00 | 0.0 | 0 | 10.8 | 17 | NNW | 769 | 84 | | | 27 | NNW | 986 | 10.5 | | | | |
| 17 | 77 | 52 | 65 | -2 | 0 | 0 | 0.00 | 0.0 | 0 | 7.5 | 15 | W | 880 | 96 | | | 21 | WNW | 990 | 10.6 | | | | |
| 18 | 82 | 56 | 69 | 2 | 0 | 4 | T | 0.0 | 0 | 11.1 | 20 | SW | 789 | 86 | | | 26 | WSW | 991 | 11.6 | | | | |
| 19 | 86 | 63 | 75 | 8 | 0 | 10 | 0.09 | 0.0 | 0 | 13.3 | 24 | SSW | 504 | 55 | | | 30 | SW | 984 | 19.0 | | | | |
| 20 | 85 | 63 | 74 | 6 | 0 | 9 | 0.00 | 0.0 | 0 | 10.2 | 19 | S | 816 | 89 | | | 24 | S | 986 | 19.3 | | | | |
| 21 | 83 | 65 | 74 | 6 | 0 | 9 | 0.00 | 0.0 | 0 | 15.3 | 28 | SSW | 514 | 56 | | 1,2 | 37 | SSW | 983 | 24.3 | | | | |
| 22 | 84 | 58 | 71 | 3 | 0 | 6 | 0.68 | 0.0 | 0 | 9.0 | 22 | NW | 229 | 25 | | 1,2,3 | 30 | NW | 983 | 20.9 | | | | |
| 23 | 73 | 52 | 63 | -5 | 2 | 0 | 0.00 | 0.0 | 0 | 8.4 | 15 | NW | 807 | 88 | | | 25 | NW | 998 | 10.8 | | | | |
| 24 | 76 | 58 | 67 | -2 | 0 | 2 | T | 0.0 | 0 | 8.0 | 16 | ESE | 899 | 98 | | | 25 | SE | 1006 | 11.7 | | | | |
| 25 | 71 | 57 | 64 | -5 | 1 | 0 | 0.11 | 0.0 | 0 | 7.8 | 16 | S | 46 | 5 | | 1,2 | 23 | S | 1002 | 18.8 | | | | |
| 26 | 81 | 61 | 71 | 2 | 0 | 6 | 0.00 | 0.0 | 0 | 16.1 | 26 | SW | 376 | 41 | | 1 | 36 | SSW | 1000 | 24.4 | | | | |
| 27 | 85 | 70 | 78 | 9 | 0 | 13 | 0.00 | 0.0 | 0 | 16.3 | 28 | SW | 476 | 52 | | | 38 | SW | 998 | 25.0 | | | | |
| 28 | 93 | 70 | 82 | 12 | 0 | 17 | 0.00 | 0.0 | 0 | 12.7 | 20 | SW | 851 | 93 | | | 28 | SW | 998 | 25.0 | | | | |
| 29 | 95 | 73 | 84 | 14 | 0 | 19 | T | 0.0 | 0 | 9.8 | 18 | W | 750 | 82 | | 3 | 26 | W | 997 | 27.8 | | | | |
| 30 | 94 | 69 | 82 | 12 | 0 | 17 | 0.54 | 0.0 | 0 | 9.8 | 35 | NW | 731 | 80 | | 3 | 51 | NW | 991 | 26.4 | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| SUM | 2428 | 1812 | ----- | ----- | 19 | 197 | 2.72 | 0.0 | ----- | 312.4 | ----- | ----- | 16866 | ----- | ----- | ----- | ----- | ----- | ----- | 542.8 | | | | |
| AVG | 80.9 | 60.4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 10.4 | FASTEST | DIR. | POSSIBLE | % | ----- | ----- | ----- | ----- | ----- | 18.1 | | | | |
| TEMPERATURE DATA | | | | | | | | | | | WEATHER | | | | SYMBOLS USED IN COLUMN 16 | | | | | | | | | |
| AVERAGE MONTHLY 58.1 | | | | | | | | | | | TOTAL FOR THE MONTH 2.72 IN. | | | | NUMBER OF DAYS - | | | | | 1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS | | | | |
| DEPARTURE FROM NORMAL +1.0 | | | | | | | | | | | DEPARTURE FROM NORMAL -1.59 IN. | | | | CLEAR (Scale 0-3) | | | | | 2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS | | | | |
| HIGHEST 87 ON 22nd,23rd | | | | | | | | | | | GRTST IN 24 HRS. 0.63 ON 14th | | | | PARTLY CLOUDY (Scale 4-7) | | | | | 3 = THUNDER | | | | |
| LOWEST 38 ON 1st | | | | | | | | | | | SNOWFALL, ICE PELLETS | | | | CLOUDY (Scale 8-10) | | | | | 4 = ICE PELLETS | | | | |
| NUMBER OF DAYS WITH - | | | | | | | | | | | TOTAL FOR THE MONTH 0.0 IN. | | | | WITH 0.01 INCH OR MORE PRECIP. | | | | | 11 5 = HAIL | | | | |
| MAX 32° OR BELOW 0 | | | | | | | | | | | GRTST IN 24 HRS. N/A ON | | | | WITH 0.10 INCH OR MORE PRECIP. | | | | | 6 = GLAZE OR RIME | | | | |
| MAX 90° OR ABOVE 0 | | | | | | | | | | | GRTST DEPTH 07E N/A ON | | | | WITH 0.50 INCH OR MORE PRECIP. | | | | | 3 7 = BLOWING DUST OR BLOWING SAND | | | | |
| MIN 32° OR BELOW 0 | | | | | | | | | | | PRESSURE DATA | | | | WITH 1.00 INCH OR MORE PRECIP. | | | | | 0 REDUCING VISIBILITY TO 1/4 MILE OR LESS | | | | |
| MIN 0° OR BELOW 0 | | | | | | | | | | | HIGHEST SEA-LEVEL 30.428 IN. ON. 24-Jun | | | | | | | | | 8 = SMOKE OR HAZE | | | | |
| HEATING DEGREE DAYS (Base 65°) | | | | | | | | | | | LOWEST SEA-LEVEL 29.619 IN. ON. 22-Jun | | | | | | | | | 9 = BLOWING SNOW | | | | |
| TOTAL THIS MONTH 237 | | | | | | | | | | | MAXIMUM PRECIPITATION | | | | | | | | | X = TORNADO | | | | |
| DEPARTURE FROM NORMAL -31 | | | | | | | | | | | Dt (Minutes) | | | | 5 10 15 20 30 45 60 80 100 120 150 180 | | | | | | | | | |
| SEASONAL TOTAL 5578 | | | | | | | | | | | PRECIPITATION (inches) | | | | 0.16 0.19 0.22 0.25 0.28 0.32 0.34 0.37 0.40 0.44 0.46 0.47 | | | | | | | | | |
| DEPARTURE FROM NORMAL -725 | | | | | | | | | | | ENDED: DATE | | | | 30-Jun 30-Jun 30-Jun 30-Jun 30-Jun 30-Jun 30-Jun 30-Jun 30-Jun 30-Jun 30-Jun 30-Jun | | | | | | | | | |
| COOLING DEGREE DAYS (Base 65°) | | | | | | | | | | | TIME | | | | 1945E 1945E 1945E 1945E 1950E 1950E 2015E 2020E 2100E 2100E 2130E 2200E | | | | | | | | | |
| TOTAL THIS MONTH 29 | | | | | | | | | | | BAROMETRIC PRESSURE | | | | | | | | | AVERAGE RELATIVE HUMIDITY | | | | |
| DEPARTURE FROM NORMAL +7 | | | | | | | | | | | Hpc. 649 FT. MSL | | | | | | | | | 1AM: 84% 1PM: 55% | | | | |
| SEASONAL TOTAL 29 | | | | | | | | | | | Avg Station Pressure: 29.303 in. | | | | | | | | | 7AM: 79% 7PM: 69% | | | | |
| DEPARTURE FROM NORMAL +5 | | | | | | | | | | | Avg Sea Level Pressure: 29.994 in. | | | | | | | | | Pk. Gust ASOS 53 NW | | | | |
| | | | | | | | | | | | CLIMAT 74492 9923 0157 0215 18108 00693 28120 0019 | | | | | | | | | PREV. WIND DIR. SSW 22% | | | | |
| | | | | | | | | | | | | | | | | | | | | STATION INDEX NO: 19-0736-02 | | | | |