

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 JULY				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		WIND		SUNSHINE		SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAK GUST	AVG STATION PRESSURE (mb)	AVG STATION VAPOR PRESSURE (mb)	
	MAXIMUM	MINIMUM	AVERAGE	HEATING	COOLING	TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS	PELLETS OR ICE ON GROUND AT 0700E	AVERAGE SPEED (m.p.h.)	FASTEST MILE SPEED (m.p.h.)	DIRECTION	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	80	65	73	2	0	8	0.74	0	0	7.8	14	WNW	155	17		1,2	22	W	988	24.2
2	65	55	60	-11	5	0	1.49	0	0	14.8	28	NE	0	0		2	37	NE	987	16.5
3	56	54	55	-17	10	0	1.98	0	0	12.1	27	NE	0	0		2,3	41	NE	986	14.8
4	66	54	60	-12	5	0	0.16	0	0	6.8	16	ENE	191	21		2	26	ENE	990	15.6
5	74	53	64	-8	1	0	0.01	0	0	8.2	20	SSW	546	60		1	26	SSW	995	17.9
6	87	66	77	5	0	12	0.26	0	0	13.9	25	W	255	28		1,2,3	37	W	989	22.6
7	88	66	77	5	0	12	0.77	*T	0	8.3	41	NW	699	77		1,2,3,5	63	NW	991	21.9
8	67	59	63	-9	2	0	0.38	0	0	9.8	34	W	109	12		1,2,3	46	W	995	17.3
9	73	62	68	-5	0	3	3.02	0	0	12.0	28	NW	163	18		1,2	40	WNW	988	23.4
10	71	63	67	-6	0	2	0.07	0	0	6.8	14	NNE	109	12			23	NE	993	18.1
11	81	61	71	-2	0	6	T	0	0	6.5	14	SW	325	36		1,2	21	SW	997	23.1
12	67	61	64	-9	1	0	1.01	0	0	8.8	21	ENE	0	0		1,2	31	ENE	998	20.1
13	66	60	63	-10	2	0	0.02	0	0	6.3	12	E	0	0		1,2	19	E	1002	19.3
14	80	62	71	-2	0	6	0.01	0	0	5.4	13	S	216	24		2	19	S	998	25.7
15	88	67	78	5	0	13	0.00	0	0	6.5	13	SW	844	94			19	WSW	996	24.5
16	90	70	80	7	0	15	0.04	0	0	10.5	23	SW	609	68		1,3	36	NNW	993	26.4
17	78	64	71	-2	0	6	0.34	0	0	9.4	17	ENE	394	44		3	26	ENE	996	20.4
18	74	63	69	-4	0	4	0.15	0	0	8.8	15	NE	0	0		1,2,3	22	NE	993	22.8
19	71	63	67	-6	0	2	0.07	0	0	5.3	14	ENE	27	3		1,2	17	ENE	991	21.9
20	83	64	74	1	0	9	0.00	0	0	7.3	14	NW	730	82			23	NW	989	23.4
21	79	62	71	-2	0	6	0.16	0	0	7.5	17	NNW	577	65		3	26	NNW	988	21.1
22	79	58	69	-4	0	4	T	0	0	6.9	12	NW	656	74			20	NNW	994	17.2
23	79	62	71	-2	0	6	0.00	0	0	6.8	14	S	708	80		3	22	S	996	16.5
24	78	59	69	-4	0	4	0.00	0	0	7.4	15	S	830	94			19	S	995	7.4
25	71	64	68	-5	0	3	0.08	0	0	14.3	28	SSW	9	1		1,2	40	SSW	990	23.0
26	87	67	77	4	0	12	0.01	0	0	8.8	17	W	765	87		1,2	27	WSW	989	21.2
27	87	65	76	3	0	11	0.56	0	0	7.9	37	NW	754	86		3	55	NW	991	20.4
28	72	61	67	-6	0	2	0.06	0	0	6.5	12	NNE	446	51			18	NNE	993	16.9
29	77	61	69	-4	0	4	0.19	0	0	15.8	32	S	323	37		1,2	39	S	991	19.3
30	78	58	68	-5	0	3	0.01	0	0	12.0	23	NW	714	82			31	NW	985	16.1
31	74	52	63	-10	2	0	0.00	0	0	9.9	18	WNW	851	98			24	WNW	990	11.9
SUM	2366	1901	-----	-----	28	153	11.59	0.0	-----	279.1	-----	-----	12005	-----	-----	-----	-----	-----	-----	610.9
AVG	76.3	61.3	-----	-----	-----	-----	-----	-----	-----	9.0	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	19.7
										MISC.	41	NW	27732	43	-----	-----	63	NW	-----	-----

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16															
AVERAGE MONTHLY 68.8				TOTAL FOR THE MONTH 11.59 IN.				NUMBER OF DAYS -				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL -3.9				DEPARTURE FROM NORMAL +8.12 IN.				CLEAR (Scale 0-3)				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 90 ON 16th				GRTST IN 24 HRS. 3.09 ON 9th-10th				PARTLY CLOUDY (Scale 4-7)				3 = THUNDER											
LOWEST 52 ON 31st				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.				24 5 = HAIL											
MAX 32° OR BELOW 0				GRTST IN 24 HRS. N/A ON				WITH 0.10 INCH OR MORE PRECIP.				14 6 = GLAZE OR RIME											
MAX 90° OR ABOVE 1				GRTST DEPTH 07E N/A ON				WITH 0.50 INCH OR MORE PRECIP.				6 7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 0				PRESSURE DATA				WITH 1.00 INCH OR MORE PRECIP.				4 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.333 IN. ON. 13-Jul								8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.580 IN. ON. 9-Jul								9 = BLOWING SNOW											
TOTAL THIS MONTH 28				MAXIMUM PRECIPITATION								X = TORNADO											
DEPARTURE FROM NORMAL +21				Dt (Minutes)				5 10 15 20 30 45 60 80 100 120 150 180															
SEASONAL TOTAL 28				PRECIPITATION (inches)				0.60 0.69 0.77 0.77 0.77 0.81 0.94				1.00 1.08 1.24 1.43 1.67											
DEPARTURE FROM NORMAL +21				ENDED: DATE				7-Jul 7-Jul 7-Jul 7-Jul 7-Jul 2-Jul 2-Jul 9-Jul 9-Jul 9-Jul 9-Jul															
COOLING DEGREE DAYS (Base 65°)				TIME				0615E 0615E 0615E 0615E 0615E 0250E 0250E 1140E 1200E 1200E 1200E															
TOTAL THIS MONTH 153				BAROMETRIC PRESSURE								AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL -95				Hpc. 649 FT. MSL								1AM: 95% 1PM: 73%											
SEASONAL TOTAL 379				Avg Station Pressure: 29.294 in.								7AM: 91% 7PM: 86%											
DEPARTURE FROM NORMAL -8				Avg Sea Level Pressure: 29.985 in.								Pk. Gust ASOS OUT OF SERVICE											
				CLIMAT 74492 9912 0144 0246 19719 02946 20015 0028								PREV. WIND DIR. NE 14%											
												STATION INDEX NO: 19-0736-02											