

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 SEPTEMBER				YEAR 2021							
LATITUDE 42° 13' N					LONGITUDE 71° 07' W						GROUND ELEVATION 629 FT.				STANDARD TIME Eastern							
DAY	TEMPERATURE *F				PRECIPITATION (in.)				WIND				SUNSHINE		SKY COVER SUNRISE TO SUNSET (From)	WEATHER OCCURANCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAK GUST	AVG. STATION PRESSURE (mb)	AVG. STATION VAPOR PRESSURE (mb)		
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°)		TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 0700E	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	68	56	62	-7	3	0	1.47	0	0	0	8.3	23	NNE	0	0		1,2	34	NNE	988	17.6	
2	71	55	63	-6	2	0	2.53	0	0	0	14.0	33	ENE	322	41		1,2	49	ENE	985	13.8	
3	72	52	62	-6	3	0	0.00	0	0	0	10.6	16	NW	735	94			23	NW	992	13.5	
4	76	55	66	-2	0	1	0.00	0	0	0	9.5	16	WNW	757	97			22	WNW	992	14.8	
5	72	60	66	-2	0	1	0.04	0	0	0	11.1	23	S	8	1		1,2	27	S	989	19.0	
6	80	61	71	3	0	6	0.00	0	0	0	10.0	18	WNW	557	72		1,2	24	WNW	986	18.5	
7	78	57	68	1	0	3	0.00	0	0	0	9.3	16	W	732	95		1	23	WSW	991	15.3	
8	81	61	71	4	0	6	0.00	0	0	0	17.3	31	S	646	84			43	S	989	20.3	
9	71	64	68	1	0	3	0.90	0	0	0	9.5	26	S	0	0		1	33	S	986	22.7	
10	74	55	65	-1	0	0	0.04	0	0	0	11.0	23	NW	595	78			31	NW	988	16.5	
11	75	51	63	-3	2	0	0.00	0	0	0	10.6	18	SSW	730	96			24	SW	997	13.6	
12	79	60	70	4	0	5	0.00	0	0	0	15.0	24	SW	591	78			33	SW	994	20.1	
13	77	62	70	5	0	5	0.06	0	0	0	9.3	16	NW	559	74			22	NW	993	18.1	
14	75	59	67	2	0	2	0.00	0	0	0	9.0	19	S	444	59			23	S	996	15.9	
15	82	65	74	9	0	9	T	0	0	0	14.5	24	SSW	539	72			32	SSW	993	25.0	
16	69	61	65	1	0	0	0.27	0	0	0	8.3	16	NE	37	5		1,2,3	24	ENE	1002	19.3	
17	66	60	63	-1	2	0	0.02	0	0	0	8.7	15	NE	0	0		1,2	22	NE	1002	19.0	
18	74	62	68	5	0	3	0.04	0	0	0	5.0	13	NNW	207	28		1,2,3	17	WNW	995	21.1	
19	71	57	64	1	1	0	0.15	0	0	0	7.4	14	NNE	619	84		1	23	NNE	998	14.5	
20	71	55	63	0	2	0	0.00	0	0	0	6.5	17	SE	647	88			20	SE	1005	14.0	
21	75	55	65	3	0	0	0.00	0	0	0	8.6	15	SSE	490	67			19	SSE	1005	16.8	
22	75	65	70	8	0	5	0.02	0	0	0	14.4	23	S	153	21			30	S	998	21.5	
23	78	65	72	10	0	7	0.08	0	0	0	15.8	23	S	298	41			36	SSE	996	23.8	
24	75	62	69	8	0	4	0.02	0	0	0	15.2	29	SSE	7	1		1	43	SSE	994	24.2	
25	74	59	67	6	0	2	0.02	0	0	0	5.5	11	NNW	303	42		1,2	14	N	992	17.5	
26	73	54	64	4	1	0	0.57	0	0	0	10.8	23	WNW	510	71		1,2	33	WNW	986	14.3	
27	73	52	63	3	2	0	T	0	0	0	12.7	23	SW	529	74			30	SW	989	12.7	
28	67	52	60	1	5	0	0.40	0	0	0	9.1	20	SSW	28	4		1,2,3	27	SSW	986	17.5	
29	63	45	54	-5	11	0	0.00	0	0	0	8.0	15	NNW	568	80			25	NNW	990	10.4	
30	60	46	53	-6	12	0	0.01	0	0	0	8.8	15	NW	354	50			22	NNW	994	10.8	
31																						
SUM	2195	1723	-----	-----	46	62	6.64	0.0	-----	-----	313.8	-----	-----	11965	-----	-----	-----	-----	-----	-----	522.1	
AVG	73.2	57.4	-----	-----	-----	-----	-----	-----	-----	-----	10.5	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	17.4	
											MISC.	33	ENE	25728	53			49	ENE	-----	-----	

  

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16															
AVERAGE MONTHLY 65.3				TOTAL FOR THE MONTH 6.64 IN.				NUMBER OF DAYS -				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL +1.1				DEPARTURE FROM NORMAL +2.58 IN.				CLEAR (Scale 0-3)				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST 82 ON 15th				GRTST IN 24 HRS. 4.00 ON 1st-2nd				PARTLY CLOUDY (Scale 4-7)				3 = THUNDER											
LOWEST 45 ON 29th				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.				17 5 = HAIL											
MAX 32° OR BELOW 0				GRTST IN 24 HRS. N/A ON				WITH 0.10 INCH OR MORE PRECIP.				7 6 = GLAZE OR RIME											
MAX 90° OR ABOVE 0				GRTST DEPTH 07E N/A ON				WITH 0.50 INCH OR MORE PRECIP.				4 7 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW 0				PRESSURE DATA				WITH 1.00 INCH OR MORE PRECIP.				2 REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.437 IN. ON. 21-Sep								8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.754 IN. ON. 26-Sep								9 = BLOWING SNOW											
TOTAL THIS MONTH 46				MAXIMUM PRECIPITATION								X = TORNADO											
DEPARTURE FROM NORMAL -54				Dt (Minutes)				5 10 15 20 30 45 60				80 100 120 150 180											
SEASONAL TOTAL 74				PRECIPITATION (inches)				0.08 0.15 0.22 0.30 0.45 0.64 0.86				1.11 1.35 1.57 1.82 2.09											
DEPARTURE FROM NORMAL -44				ENDED: DATE				0200E 0200E 0200E 0200E 0200E 0200E 0200E 0200E				0220E 0240E 0300E 0330E 0400E											
COOLING DEGREE DAYS (Base 65°)				TIME				2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep 2-Sep															
TOTAL THIS MONTH 62				BAROMETRIC PRESSURE								AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL -12				Hpc. 649 FT. MSL								1AM: 91% 1PM: 70%											
SEASONAL TOTAL 714				Avg Station Pressure: 29.320 in.								7AM: 90% 7PM: 83%											
DEPARTURE FROM NORMAL +44				Avg Sea Level Pressure: 30.017 in.								Pk. Gust ASOS OUT OF SERVICE											
				CLIMAT 74492 9929 0165 0185 17412 01695 19918 0046								PREV. WIND DIR. NW 11%											
												STATION INDEX NO. 19-0736-02											