

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 2022								
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 OCCURRENCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAK GUST	AVG. STATION PRESSURE (mb)	AVG. STATION VAPOR PRESSURE (mb)			
	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	SPEED	DIRECTION									
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
1	90	63	77	6	0	12	0.00	0	0	13.7	25	S	704	77			33	S	993	22.3			
2	83	67	75	4	0	10	0.25	0	0	10.9	18	SW	228	25		1,3	25	WSW	989	23.0			
3	84	65	75	3	0	10	0.00	0	0	10.0	19	WNW	547	60			25	WNW	992	13.6			
4	83	60	72	0	0	7	0.00	0	0	8.4	17	WNW	838	92			25	WNW	996	13.7			
5	73	63	68	-4	0	3	0.12	0	0	11.3	29	SSW	27	3			37	SSW	993	13.0			
6	83	64	74	2	0	9	T	0	0	12.3	25	SSW	701	77			37	SSW	987	19.2			
7	79	62	71	-1	0	6	0.00	0	0	9.2	22	SSW	645	71			27	SSW	994	14.6			
8	85	60	73	1	0	8	0.00	0	0	10.1	16	WSW	472	52			24	WSW	992	19.3			
9	79	63	71	-2	0	6	0.00	0	0	8.3	14	ENE	843	93			21	N	994	13.5			
10	81	57	69	-4	0	4	0.00	0	0	9.2	18	SSW	851	94			22	SSE	995	11.2			
11	86	60	73	0	0	8	0.00	0	0	13.6	25	SSW	849	94			31	SSW	991	16.7			
12	86	63	75	2	0	10	T	0	0	17.0	28	SSW	713	79		1	38	S	984	22.0			
13	89	67	78	5	0	13	0.00	0	0	7.3	14	NW	820	91		1	22	WNW	988	19.3			
14	86	64	75	2	0	10	0.14	0	0	7.5	17	NNW	675	75		1,2	26	WNW	992	21.5			
15	85	61	73	0	0	8	0.00	0	0	8.4	15	S	862	96			21	S	997	15.1			
16	84	63	74	1	0	9	0.00	0	0	9.3	19	SSW	439	49			25	SSW	996	18.0			
17	89	65	77	4	0	12	0.00	0	0	9.1	22	SSW	662	74		1,3	31	SSW	993	20.8			
18	80	68	74	1	0	9	0.22	0	0	12.8	26	SSW	9	1		1	35	SSW	989	26.4			
19	91	70	81	8	0	16	T	0	0	14.8	25	WNW	714	80			37	WNW	981	20.4			
20	96	72	84	11	0	19	0.00	0	0	9.0	15	WNW	801	90			23	WNW	984	24.2			
21	92	71	82	9	0	17	0.00	0	0	13.7	28	SSW	693	78			39	SSW	982	28.3			
22	94	72	83	10	0	18	0.00	0	0	8.6	16	SW	834	94			25	SW	988	20.1			
23	96	72	84	11	0	19	0.00	0	0	7.9	13	WSW	850	96			22	W	992	20.8			
24	99	73	86	13	0	21	0.00	0	0	14.4	28	SW	830	94			39	SW	991	23.0			
25	88	74	81	8	0	16	T	0	0	14.9	26	SW	291	33			37	SW	987	26.8			
26	83	66	75	2	0	10	0.00	0	0	8.8	16	W	615	70			24	W	992	14.5			
27	86	61	74	1	0	9	0.00	0	0	7.6	13	NW	781	89			21	NW	990	14.5			
28	87	67	77	4	0	12	0.04	0	0	12.4	28	SSW	683	78			35	SSW	987	25.6			
29	91	70	81	8	0	16	0.01	0	0	10.8	20	WSW	733	84			34	WSW	988	20.5			
30	88	69	79	6	0	14	0.02	0	0	10.6	24	NW	732	84			35	NW	992	14.4			
31	88	64	76	3	0	11	0.00	0.0	0	8.2	17	SSW	687	79			23	SW	997	16.5			
SUM	2684	2036	-----	-----	0	352	0.80	0.0	-----	330.1	-----	-----	20129	-----	-----	-----	-----	-----	-----	592.8			
AVG	86.6	65.7	-----	-----	-----	-----	-----	-----	-----	10.6	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	19.1			
										MISC.	29	SSW	27732	73						39	SSW	-----	-----

TEMPERATURE DATA				WEATHER				SYMBOLS USED IN COLUMN 16																																																															
AVERAGE MONTHLY 76.2				TOTAL FOR THE MONTH 0.80 IN.				1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS																																																															
DEPARTURE FROM NORMAL +3.5				DEPARTURE FROM NORMAL -1.82 IN.				2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS																																																															
HIGHEST 99 ON 24th				GRTST IN 24 HRS. 0.25 ON 2nd				3 = THUNDER																																																															
LOWEST 57 ON 10th				SNOWFALL, ICE PELLETS				4 = ICE PELLETS																																																															
NUMBER OF DAYS WITH -				TOTAL FOR THE MONTH 0.0 IN.				7 = HAIL																																																															
MAX 32° OR BELOW 0				GRTST IN 24 HRS. 0.0 ON				4 = GLAZE OR RIME																																																															
MAX 90° OR ABOVE 8				GRTST DEPTH 07E 0 ON				0 = REDUCING VISIBILITY TO 1/4 MILE OR LESS																																																															
MIN 32° OR BELOW 0				PRESSURE DATA				8 = SMOKE OR HAZE																																																															
MIN 0° OR BELOW 0				HIGHEST SEA-LEVEL 30.163 IN. ON. 31-Jul				9 = BLOWING SNOW																																																															
HEATING DEGREE DAYS (Base 65°)				LOWEST SEA-LEVEL 29.616 IN. ON. 19-Jul				X = TORNADO																																																															
TOTAL THIS MONTH 0				MAXIMUM PRECIPITATION				<table border="1"> <tr><th>DI (Minutes)</th><th>5</th><th>10</th><th>15</th><th>20</th><th>30</th><th>45</th><th>60</th><th>80</th><th>100</th><th>120</th><th>150</th><th>180</th></tr> <tr><td>PRECIPITATION (inches)</td><td>0.06</td><td>0.08</td><td>0.10</td><td>0.14</td><td>0.17</td><td>0.21</td><td>0.21</td><td>0.21</td><td>0.21</td><td>0.21</td><td>0.21</td><td>0.22</td></tr> <tr><td>ENDED: DATE</td><td>2-Jul</td><td>2-Jul</td><td>2-Jul</td><td>2-Jul</td><td>2-Jul</td><td>2-Jul</td><td>2-Jul</td><td>2-Jul</td><td>2-Jul</td><td>2-Jul</td><td>2-Jul</td><td>18-Jul</td></tr> <tr><td>TIME</td><td>0407E</td><td>0411E</td><td>0415E</td><td>0420E</td><td>0423E</td><td>0423E</td><td>0423E</td><td>0423E</td><td>0423E</td><td>0423E</td><td>0423E</td><td>1617E</td></tr> </table>												DI (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180	PRECIPITATION (inches)	0.06	0.08	0.10	0.14	0.17	0.21	0.21	0.21	0.21	0.21	0.21	0.22	ENDED: DATE	2-Jul	2-Jul	2-Jul	2-Jul	2-Jul	2-Jul	2-Jul	2-Jul	2-Jul	2-Jul	2-Jul	18-Jul	TIME	0407E	0411E	0415E	0420E	0423E	0423E	0423E	0423E	0423E	0423E	0423E	1617E
DI (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180																																																											
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TIME	0407E	0411E	0415E	0420E	0423E	0423E	0423E	0423E	0423E	0423E	0423E	1617E																																																											
DEPARTURE FROM NORMAL -7				BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY																																																															
SEASONAL TOTAL 0				Hpc. 649 FT. MSL				1AM: 82% 1PM: 48%																																																															
DEPARTURE FROM NORMAL -7				Avg Station Pressure: 29.249 in.				7AM: 74% 7PM: 60%																																																															
COOLING DEGREE DAYS (Base 65°)				Avg Sea Level Pressure: 29.935 in.				Pk. Gust ASOS OUT OF SERVICE																																																															
TOTAL THIS MONTH 352				CLIMAT 74492 9905 0137 0246 14604 00200 33525 0000				PREV. WIND DIR. SSW 21%																																																															
DEPARTURE FROM NORMAL +104								STATION INDEX NO. 19-0736-02																																																															
SEASONAL TOTAL 507																																																																							
DEPARTURE FROM NORMAL +120																																																																							