

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 420 ft. Lat: 46.4283° N Lon: 67.8442° W
Station: **BRIDGEWATER, ME US USC00170833**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	22.1	1.2	11.6	3.9	5.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1343.7	1405.7	1498.7	1653.8	0.0	0.0	0.4	25.8	30.6	14.8
02	25.7	2.5	14.1	4.4	5.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1145.1	1201.1	1285.1	1425.2	0.0	0.0	0.2	20.4	27.6	12.5
03	36.0	14.3	25.2	3.5	5.2	4.1	0.1	0.0	0.0	0.0	0.0	0.0	925.4	987.4	1080.4	1235.4	0.0	0.0	2.0	10.4	29.2	5.1
04	49.6	27.7	38.6	2.7	2.7	2.4	2.6	1.6	0.5	0.0	0.0	0.0	493.1	552.0	641.0	790.5	0.0	0.0	14.3	0.6	21.5	0.3
05	64.7	39.2	52.0	3.7	2.1	2.6	54.6	37.4	19.8	6.2	1.3	0.6	149.2	194.0	269.4	410.8	0.0	0.1	29.4	0.0	6.8	0.0
06	73.4	48.5	60.9	2.3	2.1	1.9	194.3	148.3	92.3	33.1	7.7	3.7	15.9	29.8	63.9	154.7	0.0	0.6	29.9	0.0	0.5	0.0
07	78.0	54.4	66.2	2.5	2.3	2.1	347.7	287.4	201.1	84.3	23.1	11.5	0.6	2.3	9.0	47.1	0.0	0.7	31.0	0.0	0.0	0.0
08	76.7	52.2	64.4	2.1	2.2	1.9	295.4	237.4	157.5	59.5	13.1	5.7	2.6	6.5	19.6	76.5	0.0	0.7	31.0	0.0	0.1	0.0
09	68.4	44.3	56.3	2.7	2.7	2.4	113.7	83.3	48.3	15.3	3.3	1.3	73.3	102.8	157.9	274.8	0.0	0.1	29.8	0.0	3.3	0.0
10	54.3	34.6	44.4	3.3	2.7	2.8	11.1	6.6	2.8	0.4	0.0	0.0	338.2	395.6	484.8	637.4	0.0	0.0	21.8	0.0	13.0	0.0
11	40.3	24.8	32.5	3.6	3.3	3.3	0.6	0.3	0.0	0.0	0.0	0.0	674.2	733.8	823.6	973.5	0.0	0.0	5.4	6.3	23.6	0.5
12	28.1	11.2	19.6	3.7	5.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	1095.8	1157.8	1250.8	1405.8	0.0	0.0	0.5	20.0	29.9	6.5
Summary	51.4	29.6	40.5	3.2	3.5	3.1	1020	802	522	199	48	23	6257	6769	7584	9086	0.0	2.2	195.7	83.5	186.1	39.7

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	3.34	11.6	7.1	2.5	0.6	2.12	3.14	4.56
02	2.66	9.6	6.2	2.0	0.6	2.02	2.64	3.13
03	3.07	10.4	6.9	2.1	0.6	2.10	2.94	3.77
04	3.42	11.4	7.7	2.5	0.6	2.92	3.54	4.09
05	3.66	12.8	8.2	2.6	0.4	2.86	3.72	4.29
06	4.50	12.5	8.4	3.1	0.7	3.06	4.05	5.15
07	4.13	13.2	8.4	2.5	0.8	2.61	3.48	5.10
08	3.80	11.1	7.1	2.5	0.9	2.26	3.56	4.62
09	3.51	10.3	6.6	2.6	0.7	2.19	3.49	4.42
10	4.52	12.4	8.2	3.2	1.1	2.95	4.45	5.84
11	3.91	11.4	7.4	2.6	0.9	2.63	3.80	4.75
12	4.03	12.2	8.2	3.0	0.7	3.30	4.19	4.64
Summary	44.55	138.9	90.4	31.2	8.6	31.02	43.00	54.36

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	22.20	9.6	6.8	2.7	1.4	0.2	30.4	29.2	27.6	19.5	12.70	21.50	28.00
02	21.00	8.1	5.6	2.9	1.5	0.4	28.5	28.5	27.8	25.2	15.20	21.00	27.40
03	16.90	6.5	4.7	2.0	0.9	0.2	29.6	28.8	27.4	23.1	10.20	15.20	21.10
04	4.90	1.8	1.4	0.5	0.3	0.0	9.9	7.9	7.1	4.5	1.00	2.00	4.30
05	0.50	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.70	0.4	0.2	0.1	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.00	0.50
11	5.80	3.0	2.1	0.8	0.4	0.1	7.1	3.4	2.3	0.9	1.50	3.50	7.20
12	22.30	8.4	6.0	2.8	1.2	0.2	25.0	20.5	16.5	9.2	14.90	20.70	30.60
Summary	94.4	38.0	26.9	11.8	5.7	1.1	131.1	118.5	108.8	82.4	55.5	83.9	119.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.4	0.2	5.4	73.5	373.2	628.5	812.2	757.9	490.8	179.4	33.0	2.0
45	0.0	0.0	2.2	28.4	233.1	478.7	657.2	602.9	345.9	88.4	11.5	0.3
50	0.0	0.0	0.9	9.2	123.9	330.8	502.2	448.0	215.7	35.3	2.8	0.0
55	0.0	0.0	0.1	2.6	54.6	194.3	347.7	295.4	113.7	11.1	0.6	0.0
60	0.0	0.0	0.0	0.5	19.8	92.3	201.1	157.5	48.3	2.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	0.2	5.3	56.1	236.3	385.8	515.8	476.6	300.0	98.1	14.5	0.6

Growing Degree Units (Accumulated Monthly)												
40	0	1	6	80	453	1081	1893	2651	3142	3322	3355	3357
45	0	0	2	31	264	742	1400	2002	2348	2437	2448	2449
50	0	0	1	10	134	465	967	1415	1631	1666	1669	1669
55	0	0	0	3	57	252	599	895	1008	1020	1020	1020
60	0	0	0	0	20	113	314	471	520	522	522	522
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	6	62	298	684	1200	1676	1976	2074	2089	2090

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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