U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals 1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 12 ft. Lat: 42.3606° N Lon: 71.0106° W

Station: **BOSTON LOGAN INTL AP, MA US USW00014739**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	36.8	23.1	29.9	3.9	4.4	4.1	0.4	0.1	0.0	0.0	0.0	0.0	776.8	838.5	931.4	1086.4	0.0	0.0	4.0	9.7	24.8	0.4
02	39.0	24.6	31.8	4.3	4.3	4.2	0.2	0.1	0.0	0.0	0.0	0.0	649.8	705.7	789.6	929.6	0.0	0.0	4.2	6.7	21.7	0.2
03	45.5	31.1	38.3	3.5	3.2	3.3	4.5	2.9	1.6	0.5	0.0	0.0	522.1	582.6	674.2	828.2	0.0	0.0	9.8	2.2	16.2	0.0
04	56.4	40.8	48.6	2.9	1.8	2.3	33.0	22.9	12.9	4.1	0.8	0.4	225.1	274.9	354.9	496.1	0.0	0.1	22.1	0.1	2.1	0.0
05	66.5	50.3	58.4	3.3	1.9	2.4	152.1	115.4	72.7	29.3	9.0	4.9	46.7	72.0	122.3	233.9	0.0	0.6	30.2	0.0	0.0	0.0
06	76.2	59.7	68.0	2.6	1.4	1.9	391.0	334.0	253.2	138.2	60.1	38.8	2.6	5.6	14.8	49.8	0.0	2.5	29.9	0.0	0.0	0.0
07	82.1	66.0	74.1	2.7	2.0	2.3	590.5	528.5	435.6	284.4	152.7	110.3	0.0	0.0	0.2	4.0	0.1	6.3	31.0	0.0	0.0	0.0
08	80.4	65.1	72.7	1.9	1.6	1.7	550.2	488.2	395.4	245.0	118.6	81.0	0.0	0.0	0.2	4.8	0.0	3.8	31.0	0.0	0.0	0.0
09	73.1	58.2	65.6	2.1	2.0	1.9	323.5	268.4	191.9	90.7	32.9	19.9	4.1	9.0	22.4	71.3	0.0	0.8	30.0	0.0	0.0	0.0
10	62.1	47.5	54.8	2.3	2.4	2.3	86.2	60.0	32.6	9.3	1.7	0.6	92.5	128.2	193.8	325.5	0.0	0.0	29.2	0.0	0.2	0.0
11	51.6	37.9	44.7	3.4	2.5	2.9	12.2	7.1	2.7	0.3	0.0	0.0	319.7	374.6	460.2	607.8	0.0	0.0	17.1	0.3	6.8	0.0
12	42.2	29.2	35.7	3.7	3.5	3.5	0.9	0.4	0.1	0.0	0.0	0.0	599.2	660.7	753.3	908.3	0.0	0.0	6.7	4.2	19.8	0.0
Summary	59.3	44.5	51.9	3.1	2.6	2.7	2145	1828	1399	802	376	256	3239	3652	4317	5546	0.1	14.1	245.2	23.2	91.6	0.6

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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	3.39	11.8	6.6	2.5	0.8	2.58	3.25	4.43
02	3.21	10.6	6.2	2.3	0.6	2.22	3.20	4.04
03	4.17	11.6	6.9	2.5	1.1	2.98	3.60	4.44
04	3.63	11.6	6.7	2.3	0.7	2.30	3.34	4.56
05	3.25	11.8	6.8	2.0	0.5	2.32	2.87	3.45
06	3.89	10.9	6.7	2.5	0.9	1.80	3.20	4.83
07	3.27	9.4	6.1	2.1	0.8	2.05	3.02	4.42
08	3.23	9.0	5.4	2.2	0.8	1.77	3.05	4.35
09	3.56	9.0	6.0	2.1	0.8	1.90	3.25	4.54
10	4.03	10.5	6.0	2.8	1.3	1.93	4.03	5.33
11	3.66	10.3	6.4	2.6	0.9	2.65	3.36	4.56
12	4.30	11.9	7.2	3.1	1.0	2.84	4.13	5.59
Summary	43.59	128.4	77.0	29.0	10.2	27.34	40.30	54.54

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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	14.30	6.6	3.5	1.4	0.9	0.2					5.00	9.70	17.80
02	14.40	6.2	2.9	1.4	0.9	0.4					4.70	9.50	19.30
03	9.00	4.4	2.2	1.0	0.6	0.1					1.60	8.40	13.00
04	1.60	0.8	0.3	0.1	0.1	0.0					0.00	0.00	1.00
05	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.20	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	0.70	0.6	0.2	0.1	0.0	0.0					0.00	0.00	0.40
12	9.00	4.2	1.9	1.0	0.6	0.1					1.50	7.20	11.60
Summary	49.2	23.0	11.1	5.0	3.1	0.8	0.0	0.0	0.0	0.0	12.8	34.8	63.1

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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	21.8	21.9	76.2	270.4	570.4	838.4	1055.4	1015.1	769.4	459.7	183.0	51.4
45	6.8	6.3	31.4	155.8	416.2	688.4	900.4	860.2	619.5	312.4	92.6	18.8
50	1.9	1.3	12.4	77.6	270.5	538.8	745.4	705.2	470.0	183.2	38.3	5.1
55	0.4	0.2	4.5	33.0	152.1	391.0	590.5	550.2	323.5	86.2	12.2	0.9
60	0.0	0.0	1.6	12.9	72.7	253.2	435.6	395.4	191.9	32.6	2.7	0.1
Growing Degree Units for Corn (Monthly)												
50/86	9.6	10.1	35.8	123.6	292.2	531.0	722.2	690.7	470.9	218.1	70.2	18.4

Growing Degree Units (Accumulated Monthly)

40	22	44	120	390	961	1799	2854	3870	4639	5099	5282	5333
45	7	13	44	200	616	1305	2205	3066	3685	3997	4090	4109
50	2	3	16	93	364	902	1648	2353	2823	3006	3045	3050
55	0	1	5	38	190	581	1172	1722	2045	2132	2144	2145
60	0	0	2	14	87	340	776	1171	1363	1396	1399	1399
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	20	56	179	471	1002	1724	2415	2886	3104	3174	3193

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

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