

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1146 ft. Lat: 42.6617° N Lon: 71.9358° W
Station: ASHBURNHAM N, MA US USC00190192

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	31.0	11.3	21.1	3.9	5.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	1049.0	1111.0	1204.2	1359.1	0.0	0.0	2.0	16.8	30.2	4.9
02	33.3	12.5	22.9	4.7	5.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	898.6	954.7	1038.7	1178.7	0.0	0.0	2.3	13.4	27.4	4.2
03	41.1	20.5	30.8	4.0	4.3	4.1	1.5	0.8	0.2	0.0	0.0	0.0	751.5	812.8	905.3	1060.1	0.0	0.0	6.3	6.3	27.8	1.9
04	54.4	32.3	43.3	2.7	2.2	2.2	13.4	8.7	4.6	1.2	0.1	0.0	363.0	418.3	504.1	650.7	0.0	0.0	20.0	0.4	17.1	0.0
05	65.5	43.5	54.5	3.8	2.3	2.6	91.4	65.2	36.5	10.7	1.6	0.6	107.0	142.8	207.0	336.2	0.0	0.2	28.4	0.0	2.2	0.0
06	74.2	53.0	63.6	1.9	1.3	1.3	267.7	214.7	143.7	58.6	16.8	8.8	9.9	16.8	35.7	100.8	0.0	0.4	29.9	0.0	0.0	0.0
07	79.3	58.1	68.7	3.0	2.7	2.6	424.6	363.1	272.6	136.6	43.7	22.4	0.1	0.6	3.0	22.0	0.0	0.9	31.0	0.0	0.0	0.0
08	78.1	56.6	67.3	2.4	2.2	2.1	383.1	321.9	232.9	107.1	32.1	16.1	0.4	1.2	5.1	34.4	0.0	0.3	31.0	0.0	0.0	0.0
09	70.5	49.2	59.9	2.1	2.6	2.1	183.9	141.7	88.7	32.6	7.9	3.3	38.6	56.3	93.3	187.3	0.0	0.1	30.0	0.0	0.6	0.0
10	57.8	37.5	47.6	2.0	2.8	2.1	25.6	16.0	6.6	1.0	0.0	0.0	253.3	305.7	389.3	538.7	0.0	0.0	25.7	0.1	8.4	0.0
11	46.2	29.0	37.6	3.6	2.9	3.0	1.3	0.5	0.1	0.0	0.0	0.0	523.4	582.6	672.2	822.1	0.0	0.0	11.6	2.0	21.4	0.1
12	35.9	18.5	27.2	3.9	5.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	861.6	923.7	1016.8	1171.7	0.0	0.0	3.9	11.2	28.1	1.4
Summary	55.6	35.2	45.4	3.2	3.3	3.0	1392	1133	786	348	102	51	4856	5326	6075	7462	0.0	1.9	222.1	50.2	163.2	12.5

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

Current Location: Elev: 1146 ft. Lat: 42.6617° N Lon: 71.9358° W
Station: **ASHBURNHAM N, MA US USC00190192**

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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	3.23	10.4	7.1	2.4	0.4	2.24	2.93	4.41
02	3.27	10.2	7.5	2.5	0.6	2.37	3.12	3.82
03	4.17	9.5	6.6	2.5	0.8	3.00	3.67	5.30
04	4.02	12.1	8.0	2.4	0.7	2.46	3.87	5.13
05	4.10	13.1	8.9	2.7	0.8	2.57	3.60	5.42
06	4.17	12.1	8.9	3.1	1.0	2.56	4.11	5.60
07	3.89	10.3	7.4	2.8	1.2	2.23	3.69	5.71
08	4.37	9.4	7.1	3.0	1.2	2.95	3.94	5.02
09	4.27	9.3	6.0	2.4	1.1	1.94	3.61	5.62
10	5.09	13.1	8.1	3.6	2.0	2.92	4.39	6.51
11	3.82	9.7	6.6	2.4	0.9	2.66	3.63	4.97
12	4.29	11.4	8.3	3.5	1.2	3.26	4.20	4.78
Summary	48.69	130.6	90.5	33.3	11.9	31.16	44.76	62.29

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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	3.6	4.4	28.8	158.9	451.3	708.0	889.6	847.8	595.4	256.9	71.7	11.7
45	1.0	1.4	11.4	81.1	306.0	558.3	734.6	692.8	446.4	144.7	29.6	2.3
50	0.1	0.2	4.3	36.2	182.9	410.1	579.5	537.7	305.1	66.7	8.7	0.3
55	0.0	0.0	1.5	13.4	91.4	267.7	424.6	383.1	183.9	25.6	1.3	0.0
60	0.0	0.0	0.2	4.6	36.5	143.7	272.6	232.9	88.7	6.6	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.6	5.4	22.6	105.1	257.9	424.6	578.6	545.3	355.6	138.0	37.0	6.4
Growing Degree Units (Accumulated Monthly)												
40	4	8	37	196	647	1355	2245	3092	3688	3945	4016	4028
45	1	2	14	95	401	959	1694	2387	2833	2978	3007	3010
50	0	0	5	41	224	634	1213	1751	2056	2123	2132	2132
55	0	0	2	15	106	374	799	1182	1366	1391	1392	1392
60	0	0	0	5	41	185	458	690	779	786	786	786
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	9	32	137	395	819	1398	1943	2299	2437	2474	2480

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