

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 50 ft. Lat: 42.6992° N Lon: 71.1658° W
Station: **LAWRENCE, MA US USC00194105**

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	35.1	19.6	27.3	3.9	5.0	4.4	0.5	0.2	0.0	0.0	0.0	0.0	857.5	919.2	1012.0	1167.1	0.0	0.0	3.3	11.5	28.1	2.0
02	37.3	21.4	29.4	4.4	5.0	4.6	0.1	0.0	0.0	0.0	0.0	0.0	718.2	774.1	858.1	998.2	0.0	0.0	3.6	7.9	25.6	0.7
03	44.9	29.7	37.3	3.8	3.9	3.7	4.8	3.4	1.8	0.5	0.1	0.1	553.4	614.0	705.5	859.2	0.0	0.0	9.6	2.6	21.4	0.1
04	57.2	40.0	48.6	2.9	2.2	2.4	35.4	24.8	13.9	4.5	0.8	0.3	227.4	276.8	355.9	496.5	0.0	0.1	23.4	0.0	6.4	0.0
05	68.0	49.8	58.9	3.2	2.3	2.6	162.8	124.2	78.3	31.2	8.4	4.3	41.9	65.3	112.4	220.3	0.0	0.6	30.5	0.0	0.3	0.0
06	77.3	59.2	68.2	2.3	1.7	1.8	399.8	342.4	260.0	140.5	57.0	36.4	2.4	5.0	12.6	43.0	0.0	2.6	30.0	0.0	0.0	0.0
07	82.9	64.8	73.8	2.6	2.5	2.3	584.2	522.3	429.5	277.7	143.0	99.1	0.0	0.0	0.3	3.5	0.0	5.7	31.0	0.0	0.0	0.0
08	81.4	63.8	72.6	2.0	2.2	2.0	545.5	483.5	390.8	241.0	115.0	77.1	0.0	0.0	0.3	5.5	0.0	3.6	31.0	0.0	0.0	0.0
09	74.2	56.3	65.3	2.3	2.4	2.2	315.0	261.1	188.1	91.0	33.6	20.8	7.6	13.7	30.7	83.5	0.0	0.8	30.0	0.0	0.2	0.0
10	61.8	44.4	53.1	2.5	2.6	2.3	67.4	45.9	24.2	6.5	1.3	0.6	126.2	166.7	238.0	375.3	0.0	0.0	29.2	0.0	3.1	0.0
11	50.8	34.8	42.8	3.5	2.7	2.9	8.7	4.8	1.7	0.2	0.0	0.0	374.7	430.8	517.7	666.2	0.0	0.0	16.5	0.2	14.0	0.0
12	40.6	26.2	33.4	3.7	3.9	3.8	0.5	0.2	0.0	0.0	0.0	0.0	670.0	731.7	824.5	979.6	0.0	0.0	5.7	5.3	24.9	0.2
Summary	59.3	42.5	50.9	3.1	3.0	2.9	2125	1813	1388	793	359	239	3579	3997	4668	5898	0.0	13.4	243.8	27.5	124.0	3.0

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	4.17							
02	3.77							
03	4.68							
04	4.15							
05	3.81							
06	4.11							
07	3.66							
08	3.72							
09	3.90							
10	4.69							
11	3.85							
12	4.74							
Summary	49.25	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	14.6	14.8	71.8	273.6	585.9	847.4	1049.2	1010.5	757.4	408.5	143.9	34.5
45	4.2	4.0	30.5	159.0	432.0	697.3	894.1	855.4	607.3	266.7	70.2	10.8
50	1.4	0.8	12.1	80.1	285.4	547.7	739.1	700.4	458.6	149.0	28.6	2.9
55	0.5	0.1	4.8	35.4	162.8	399.8	584.2	545.5	315.0	67.4	8.7	0.5
60	0.0	0.0	1.8	13.9	78.3	260.0	429.5	390.8	188.1	24.2	1.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	8.2	9.2	35.0	134.3	316.2	541.9	721.5	689.7	468.0	205.2	65.8	14.8

Growing Degree Units (Accumulated Monthly)												
40	15	29	101	375	961	1808	2857	3868	4625	5034	5178	5212
45	4	8	39	198	630	1327	2221	3076	3684	3950	4021	4032
50	1	2	14	94	380	928	1667	2367	2826	2975	3003	3006
55	0	1	5	41	204	603	1188	1733	2048	2116	2124	2125
60	0	0	2	16	94	354	784	1174	1362	1387	1388	1388
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	17	52	187	503	1045	1766	2456	2924	3129	3195	3210

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.