

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 110 ft. Lat: 42.6408° N Lon: 71.3636° W

Station: **LOWELL, MA US USC00194313**

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	34.0	15.8	24.9	4.0	5.2	4.6	0.3	0.2	0.0	0.0	0.0	0.0	933.3	995.1	1087.9	1243.0	0.0	0.0	2.6	13.0	29.2	3.2
02	37.3	16.9	27.1	4.7	5.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	781.2	837.1	921.1	1061.2	0.0	0.0	3.6	9.1	26.6	1.5
03	45.4	24.4	34.9	4.0	3.9	3.8	3.1	2.0	0.9	0.2	0.0	0.0	626.1	687.0	779.0	933.3	0.0	0.0	9.2	3.3	25.1	0.2
04	59.0	34.6	46.8	2.9	2.0	2.3	28.0	19.8	11.1	3.2	0.7	0.3	274.0	325.8	407.2	549.2	0.0	0.3	23.8	0.1	12.8	0.0
05	70.0	45.0	57.5	3.4	2.1	2.4	135.9	101.2	61.7	22.4	5.3	2.5	58.4	85.7	139.2	254.9	0.0	1.2	30.3	0.0	0.6	0.0
06	79.0	55.0	67.0	2.4	1.8	1.7	364.0	307.6	228.0	117.0	47.1	29.8	4.0	7.6	18.1	57.1	0.1	3.7	30.0	0.0	0.0	0.0
07	84.7	60.9	72.8	2.6	2.4	2.3	551.7	489.8	397.1	247.9	121.1	82.9	0.0	0.1	0.5	6.1	0.1	7.8	31.0	0.0	0.0	0.0
08	83.0	59.3	71.1	2.1	2.2	2.0	500.6	438.7	346.4	202.5	88.8	58.3	0.0	0.1	0.8	11.8	0.0	5.2	31.0	0.0	0.0	0.0
09	75.5	51.5	63.5	2.5	2.4	2.1	269.4	219.3	153.5	70.1	24.4	14.7	14.4	24.3	48.6	115.2	0.0	1.3	30.0	0.0	0.2	0.0
10	62.4	39.5	50.9	2.5	2.6	2.3	47.4	31.9	16.7	4.3	0.9	0.4	172.9	219.4	297.1	439.8	0.0	0.0	28.8	0.0	6.9	0.0
11	50.5	30.3	40.4	3.4	2.3	2.6	5.6	3.0	1.0	0.1	0.0	0.0	443.6	501.0	589.0	738.1	0.0	0.0	15.2	0.7	19.6	0.0
12	39.8	22.1	31.0	3.7	3.6	3.6	0.2	0.1	0.0	0.0	0.0	0.0	745.7	807.6	900.5	1055.5	0.0	0.0	5.0	6.7	26.9	0.5
Summary	60.0	37.9	49.0	3.2	3.0	2.9	1906	1614	1216	668	288	189	4054	4491	5189	6465	0.2	19.5	240.5	32.9	147.9	5.4

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

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

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1991-2020
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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	3.61	10.9	7.8	2.7	0.6	2.47	3.40	4.54	
02	3.20	9.2	6.8	2.3	0.7	2.02	2.98	3.81	
03	4.32	10.6	7.6	3.0	1.0	3.03	4.01	4.85	
04	4.06	11.2	7.8	2.7	0.9	2.35	3.88	5.49	
05	3.81	12.7	8.2	2.6	0.8	2.50	3.61	4.77	
06	4.37	11.3	7.6	2.8	1.1	2.10	3.69	5.79	
07	3.86	10.4	7.1	2.9	0.9	2.46	3.40	4.59	
08	4.00	9.7	6.8	2.5	1.1	1.56	3.86	4.87	
09	3.89	9.2	6.1	2.5	1.2	2.04	2.91	5.95	
10	5.00	10.9	8.3	2.8	1.5	2.54	4.71	6.82	
11	3.85	10.5	7.4	2.6	1.1	2.72	4.07	4.61	
12	4.54	10.7	7.8	3.5	1.2	3.23	4.55	5.33	
Summary	48.51	127.3	89.3	32.9	12.1	29.02	45.07	61.42	

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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	9.0	9.5	49.1	229.7	542.6	809.9	1016.6	965.5	704.9	346.2	104.8	21.1
45	2.7	2.2	21.3	128.1	389.6	660.0	861.6	810.5	555.2	214.2	48.6	6.5
50	1.0	0.4	8.9	63.2	248.7	510.7	706.7	655.6	407.8	112.1	18.8	1.6
55	0.3	0.0	3.1	28.0	135.9	364.0	551.7	500.6	269.4	47.4	5.6	0.2
60	0.0	0.0	0.9	11.1	61.7	228.0	397.1	346.4	153.5	16.7	1.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.8	9.1	40.2	154.5	323.3	508.0	675.4	636.2	438.8	201.7	64.0	13.2

Growing Degree Units (Accumulated Monthly)												
40	9	18	68	297	840	1650	2666	3632	4337	4683	4788	4809
45	3	5	26	154	544	1204	2066	2876	3431	3645	3694	3700
50	1	1	10	74	322	833	1540	2195	2603	2715	2734	2736
55	0	0	3	31	167	531	1083	1584	1853	1900	1906	1906
60	0	0	1	12	74	302	699	1045	1199	1215	1216	1216
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	16	56	211	534	1042	1717	2354	2792	2994	3058	3071

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