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: 1000 ft. Lat: 42.2706° N Lon: 71.8731° W

Station: **WORCESTER RGNL AP, MA US USW00094746**

Temperature (°F)

Month	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
	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	32.3	17.1	24.7	4.2	4.9	4.5	0.1	0.0	0.0	0.0	0.0	0.0	939.3	1001.1	1094.1	1249.1	0.0	0.0	2.3	16.7	28.4	2.4
02	35.1	18.9	27.0	4.6	4.7	4.6	0.1	0.0	0.0	0.0	0.0	0.0	784.1	840.0	924.0	1064.0	0.0	0.0	2.6	11.8	25.5	1.0
03	43.0	26.0	34.5	4.1	3.5	3.7	3.3	2.1	1.2	0.3	0.0	0.0	638.7	699.5	791.6	945.7	0.0	0.0	7.6	4.9	23.5	0.1
04	55.7	36.5	46.1	3.1	2.1	2.5	26.5	18.3	9.9	3.2	0.6	0.2	293.6	345.4	426.9	570.2	0.0	0.0	20.9	0.3	8.1	0.0
05	66.6	46.8	56.7	3.5	2.4	2.8	125.6	94.0	58.0	21.1	5.2	2.3	72.9	103.3	160.4	278.4	0.0	0.1	29.6	0.0	0.2	0.0
06	74.5	55.9	65.2	2.1	1.4	1.6	312.5	258.2	182.8	84.4	26.7	14.3	6.6	12.3	26.8	78.4	0.0	0.4	29.9	0.0	0.0	0.0
07	79.8	61.7	70.8	2.5	2.4	2.4	488.2	426.3	334.3	190.0	78.4	47.9	0.0	0.2	1.2	11.9	0.0	1.5	31.0	0.0	0.0	0.0
08	78.1	60.5	69.3	1.9	1.9	1.8	443.3	381.7	290.5	152.8	55.1	31.0	0.1	0.4	2.3	19.6	0.0	0.7	31.0	0.0	0.0	0.0
09	70.7	53.2	61.9	2.2	2.3	2.1	227.6	180.9	120.0	47.4	12.2	6.3	19.2	32.4	61.5	139.0	0.0	0.2	29.9	0.0	0.1	0.0
10	58.9	42.2	50.6	2.6	2.6	2.5	46.0	30.6	15.1	3.3	0.3	0.1	183.9	230.6	308.0	451.2	0.0	0.0	26.3	0.0	3.1	0.0
11	47.9	32.5	40.2	3.8	3.1	3.4	6.2	3.3	1.1	0.0	0.0	0.0	450.3	507.3	595.1	744.0	0.0	0.0	12.3	1.7	14.9	0.0
12	37.5	23.4	30.5	4.1	3.9	4.0	0.3	0.1	0.0	0.0	0.0	0.0	761.2	823.1	916.0	1071.0	0.0	0.0	4.5	10.0	25.9	0.3
Summary	56.7	39.6	48.1	3.2	2.9	3.0	1680	1396	1013	502	178	102	4150	4596	5308	6622	0.0	2.9	227.9	45.4	129.7	3.8

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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	3.52	12.2	6.9	2.6	0.8	2.48	3.18	4.47
02	3.26	10.9	6.6	2.3	0.6	2.16	2.94	3.93
03	4.19	12.4	7.1	2.9	1.1	3.39	4.12	4.92
04	4.08	12.6	7.7	2.7	1.0	2.61	3.73	5.60
05	3.56	13.2	7.9	2.4	0.6	2.47	3.43	4.17
06	4.22	11.8	7.6	2.8	0.9	2.21	4.02	6.07
07	3.93	11.0	6.7	2.4	1.0	2.69	3.19	4.88
08	4.14	10.3	6.2	2.7	1.2	2.45	3.83	5.01
09	4.24	9.5	6.1	2.6	1.2	2.41	3.35	5.76
10	4.84	11.5	6.8	3.1	1.5	2.73	4.43	6.32
11	4.00	10.8	6.7	2.7	1.1	3.01	3.91	4.74
12	4.28	12.2	7.7	3.2	1.0	3.07	4.63	5.11
Summary	48.26	138.4	84.0	32.4	12.0	31.68	44.76	60.98

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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	18.20	7.5	4.5	1.6	0.9	0.2					9.10	14.10	22.60
02	21.20	7.6	4.5	2.2	1.1	0.4					10.40	20.70	25.10
03	13.70	4.9	2.7	1.5	0.9	0.3					4.80	9.40	19.20
04	1.90	1.2	0.7	0.2	0.0	0.0					0.00	0.20	2.90
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	1.10	0.3	0.3	0.1	0.1	0.0					0.00	0.00	0.00
11	1.90	1.0	0.5	0.2	0.2	0.0					0.00	0.10	3.00
12	14.90	5.6	3.1	1.8	1.2	0.2					3.20	14.50	20.70
Summary	72.9	28.1	16.3	7.6	4.4	1.1	0.0	0.0	0.0	0.0	27.5	59.0	93.5

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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	9.5	10.6	49.4	218.2	518.0	756.0	953.1	908.2	658.5	336.3	111.3	23.8
45	2.7	3.1	22.0	122.2	366.7	606.0	798.1	753.2	509.0	207.4	52.7	7.4
50	0.9	0.6	8.9	60.6	230.9	457.0	643.1	598.2	362.4	108.8	20.7	1.7
55	0.1	0.1	3.3	26.5	125.6	312.5	488.2	443.3	227.6	46.0	6.2	0.3
60	0.0	0.0	1.2	9.9	58.0	182.8	334.3	290.5	120.0	15.1	1.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.2	6.2	28.7	119.2	283.1	463.4	636.9	595.4	382.5	160.0	49.1	10.2

Growing Degree Units (Accumulated Monthly)

40	10	20	70	288	806	1562	2515	3423	4082	4418	4529	4553
45	3	6	28	150	517	1123	1921	2674	3183	3390	3443	3450
50	1	2	10	71	302	759	1402	2000	2363	2471	2492	2494
55	0	0	4	30	156	468	956	1400	1627	1673	1679	1680
60	0	0	1	11	69	252	586	877	997	1012	1013	1013
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	11	40	159	442	906	1543	2138	2521	2681	2730	2740

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

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