

## Year 2022 Climate Overview for Massachusetts

2022 was the sixth warmest year on record for Massachusetts. Summer ranked second warmest.

Climate System Research Center  
University of Massachusetts, Amherst  
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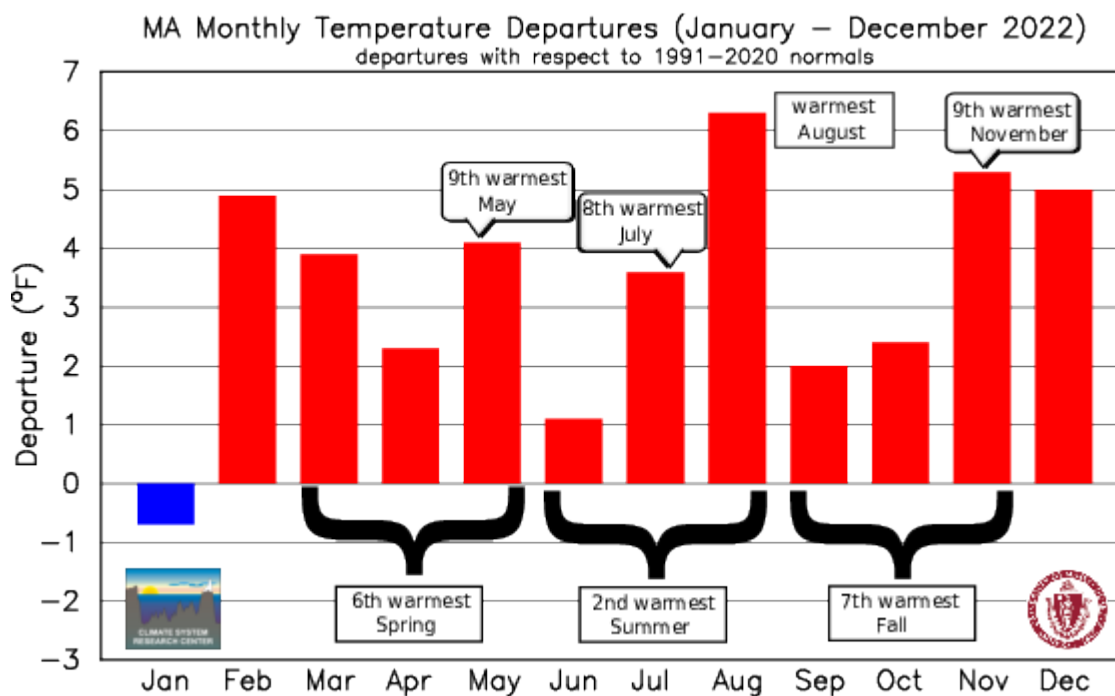
For the year 2022, statewide temperature for Massachusetts averaged 50.3 °F, 3.4 °F (1.9 °C) above the 1901-2000 mean, tying 2016 for sixth warmest year in the 128-year record since 1895.

Massachusetts had its 8<sup>th</sup> warmest July, followed by its warmest August, contributing to the state's 2<sup>nd</sup> warmest summer (Jun-Aug) on record. Spring ranked 6<sup>th</sup> warmest and fall 7<sup>th</sup> warmest. January was the only month with average temperature below normal.

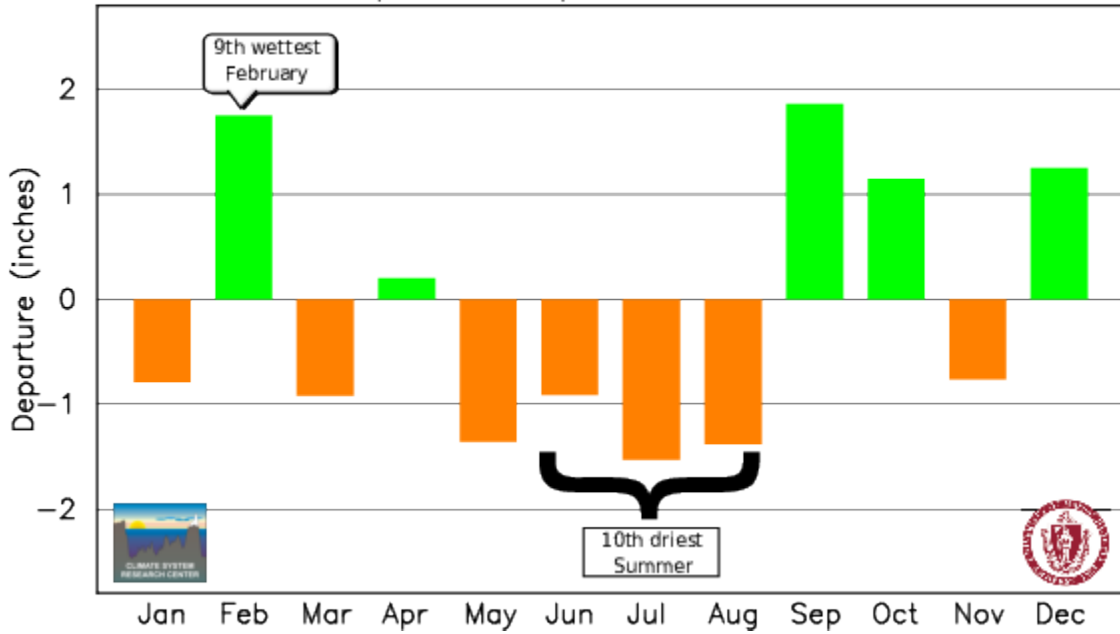
The Northeast U.S. averaged 47.8 °F for the year, 2.3 °F above the 20<sup>th</sup> Century mean, ranking 15<sup>th</sup> warmest on record. The contiguous U.S. (CONUS) had its 18<sup>th</sup> warmest year on record.

Annual total precipitation for Massachusetts was 43.18 inches, 1.57" (3.5%) below the 1901-2000 mean. Summer total precipitation was just 7.41 inches, ranking 10<sup>th</sup> driest on record. Monthly total precipitation in February ranked 9<sup>th</sup> wettest.

Locally, Boston and Worcester had their 4<sup>th</sup> warmest year on record. Hartford ranked 5<sup>th</sup> and Providence 6<sup>th</sup>.



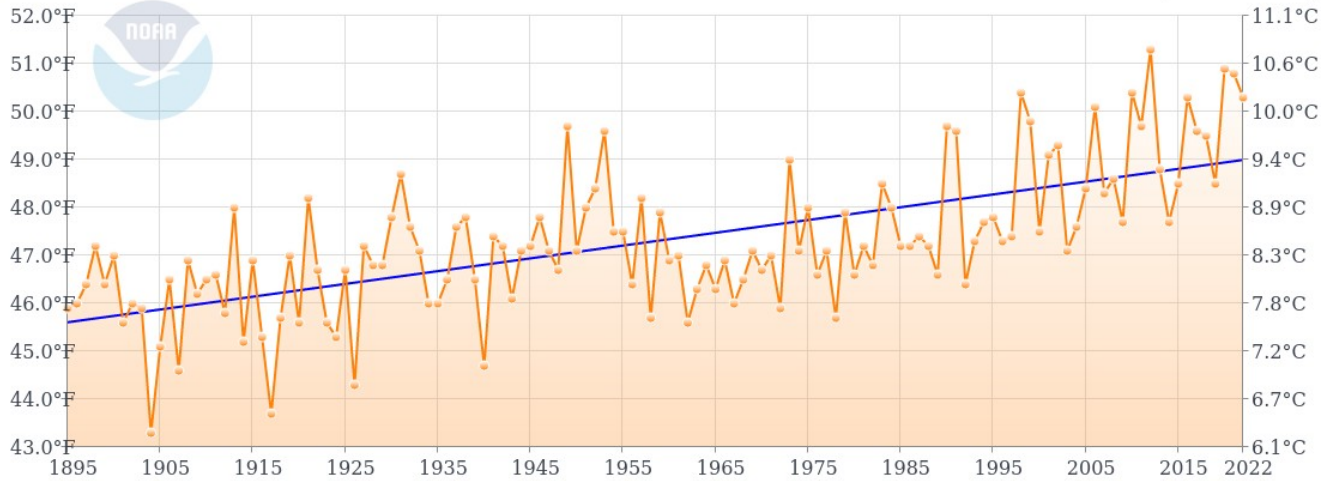
MA Monthly Precipitation Departures (January – December 2022)  
 departures with respect to 1991–2020 normals



Massachusetts Average Temperature

January-December

1895-2022 Trend  
 (+2.7°F/Century)



Region	Average Temperature	Maximum Temperature	Minimum Temperature
Massachusetts	6th	2nd	9th
Northeast U.S.	15th	11th	15th
Contiguous U.S.	18th	14th	31st

Ranks for average, maximum, and minimum temperature in 2022.

<b>Climate Site</b>	<b>Average Temperature</b>	<b>Maximum Temperature</b>	<b>Minimum Temperature</b>
Boston	4th	3rd	11th
Hartford	5th	4th	18th
Providence	6th	4th	11th
Worcester	4th	9th	11th

Ranks for average, maximum, and minimum temperature in 2022 at the four major climate sites in southern New England.

Contact: Michael Rawlins <mrawlins@umass.edu>  
603/929-9029

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Analysis by [Michael Rawlins](#), Associate Director, [Climate System Research Center](#), UMass-Amherst

Data from the [National Centers for Environmental Information](#) and the [Northeast Regional Climate Center](#)

[Massachusetts Monthly Temperature Departures graphic](#)

[Massachusetts Monthly Precipitation Departures graphic](#)

[Massachusetts Annual Temperature graphic](#)

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