

Evidence for Climate Change in New England

O C E A N

L A N D

Average Northeast temperature change:

Annual: 2.1 °F

Winter: 3.2 °F

Spring: 2.1 °F

Summer: 2.0 °F

Fall: 0.7 °F

1900 - 2000

Total precipitation
has increased
5.2 inches (12%)
1900 - 2000

Frequency of extreme
precipitation events has
also increased

Snowfall has
decreased
22 inches (35%) in
New England
1970 - 2000



Days with snow on
ground decreased
19 days (20%)
1970-2000

Growing season
increased by 8 days
1900 - 2000

Lilac bloom dates 4
days earlier
1965-2000

Ice-out of lakes occurs 9 days
earlier in the northern/ mountainous
regions and 16 days earlier in the
southern regions of New England
1850 - 2000

Sea surface temperatures increased:
1.1°F in Gulf of Maine
1.6 °F on South Shore of New England
1880 - 2000

Relative sea level increased:
8 inches at Boston
1921 - 2000