

# 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

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

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