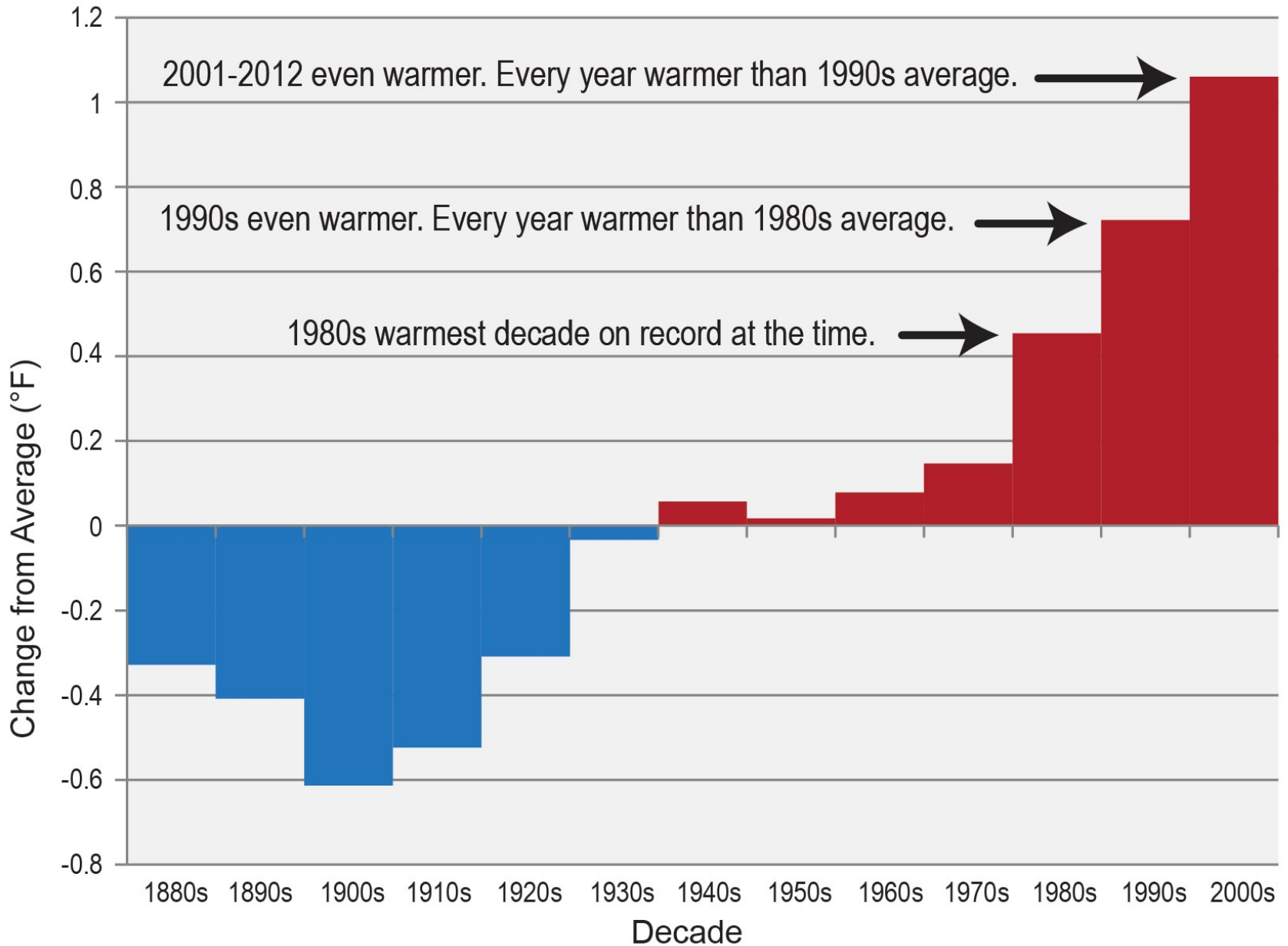
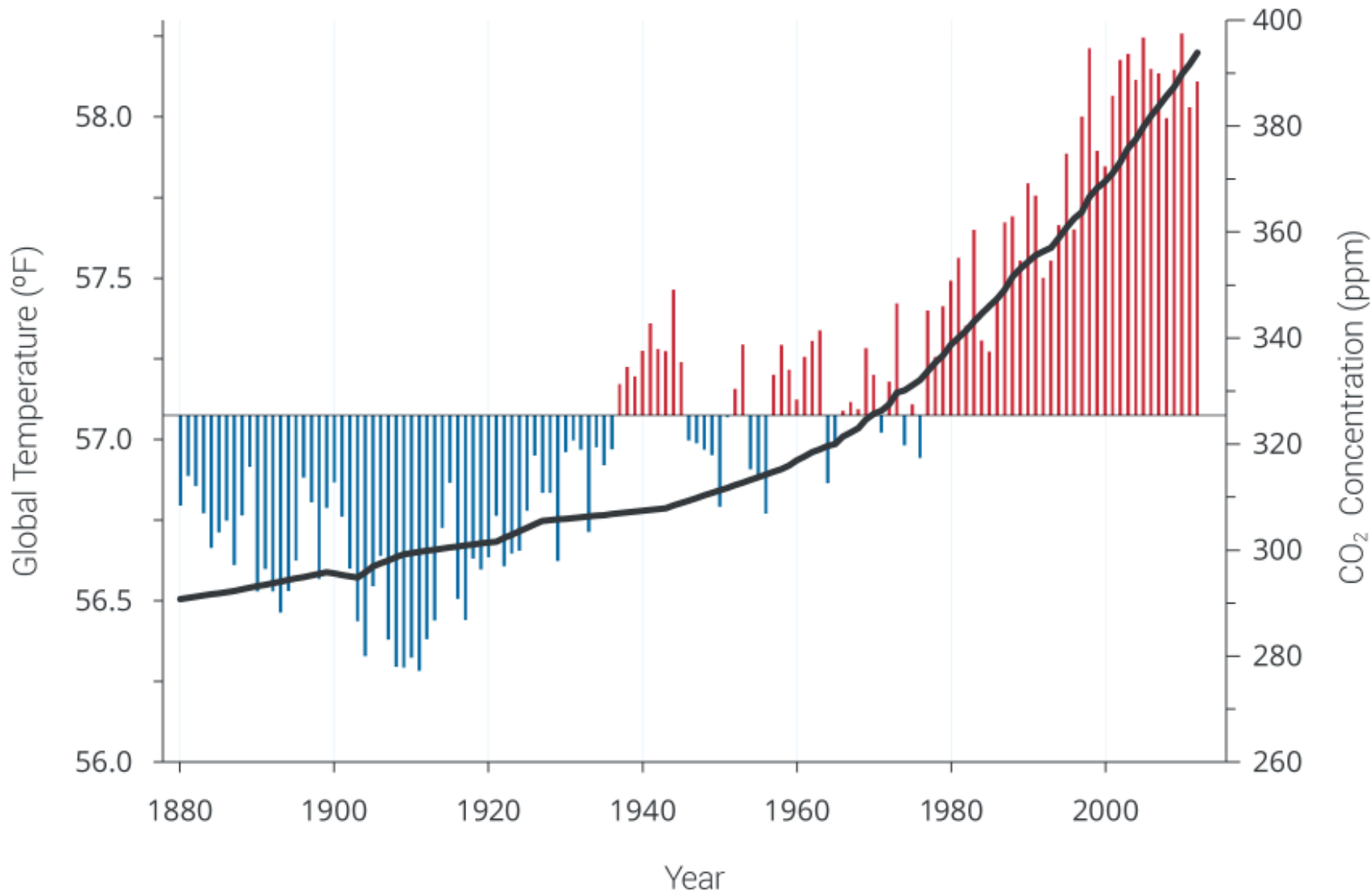


# Global Temperature Change: Decade Averages

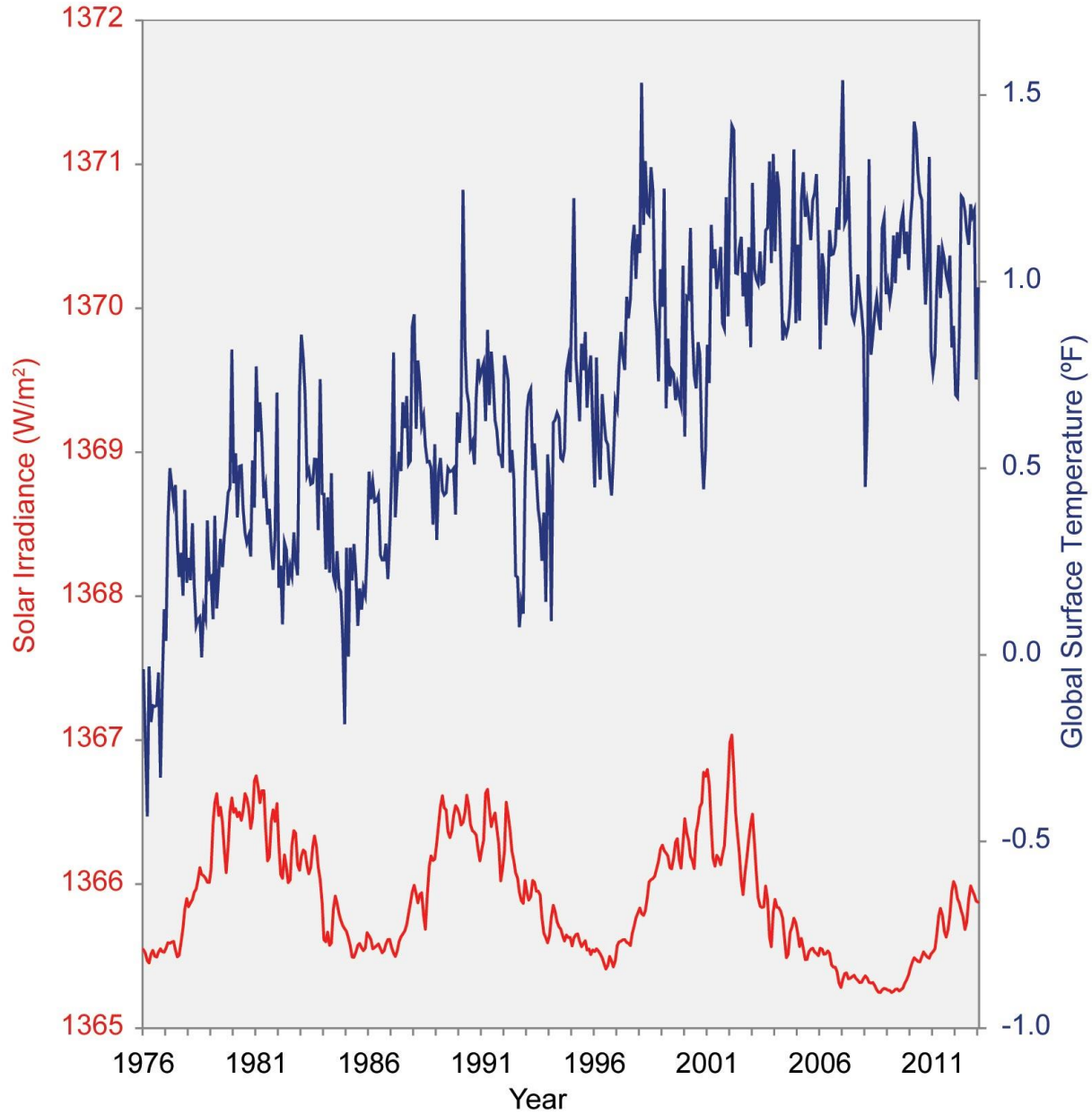


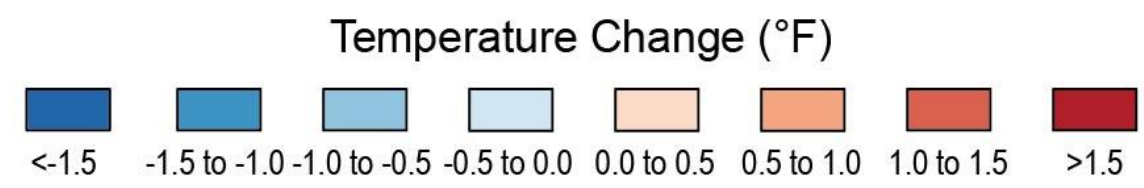
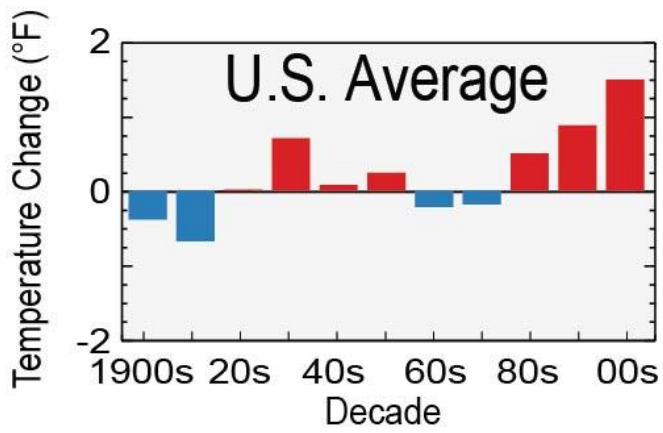
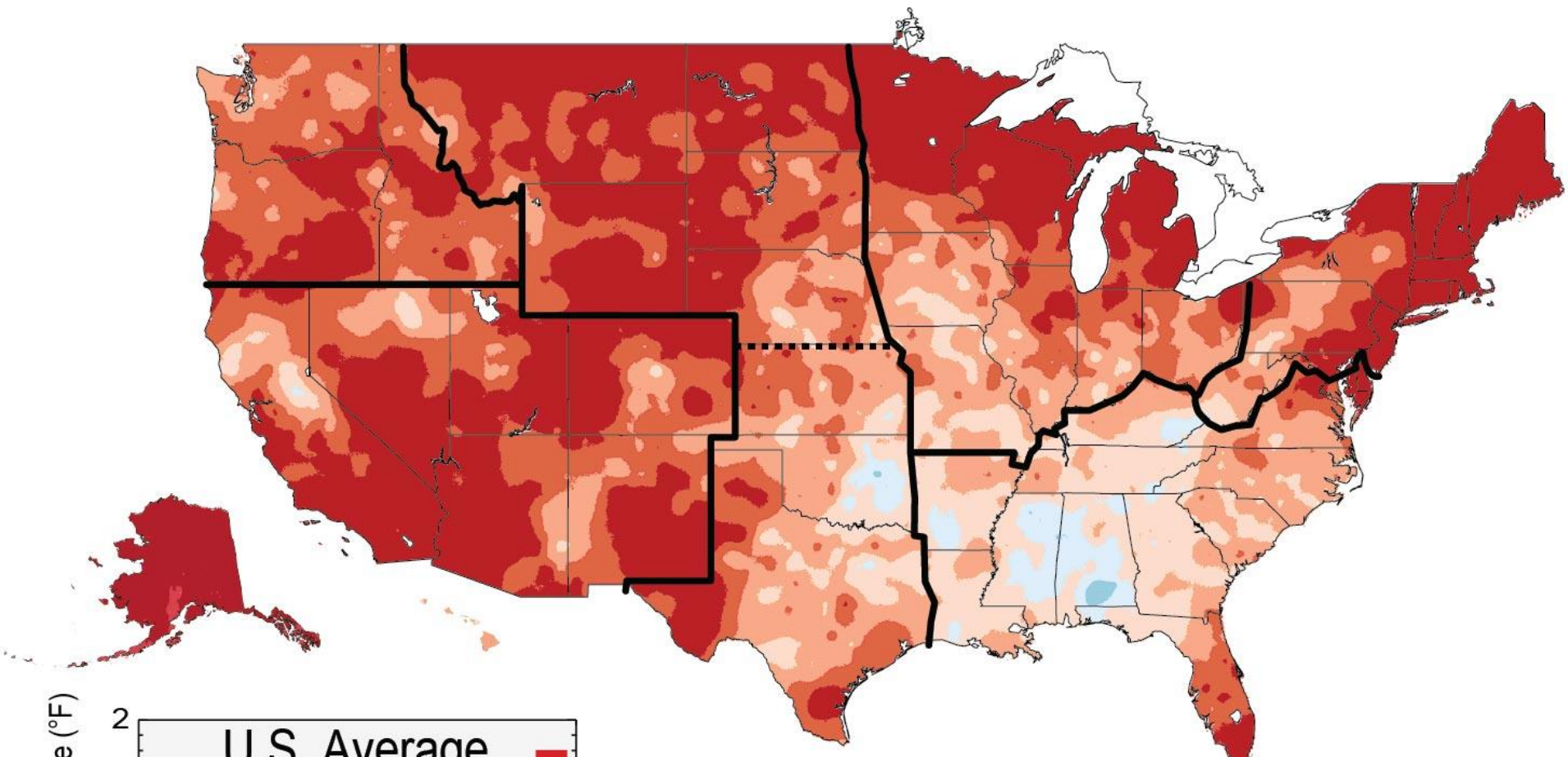


# CO<sub>2</sub> CONCENTRATION

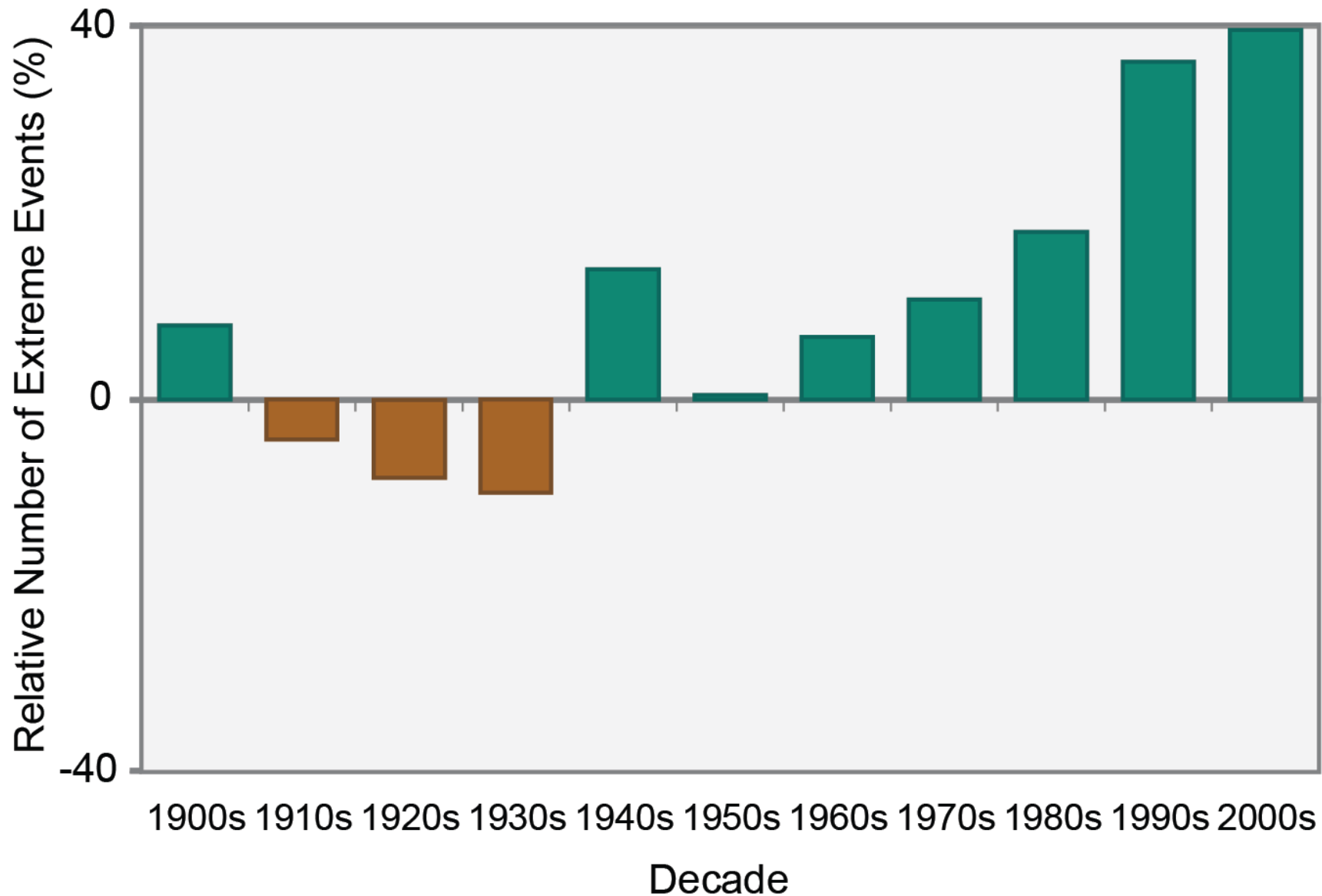


# Measurements of Surface Temperature and Sun's Energy

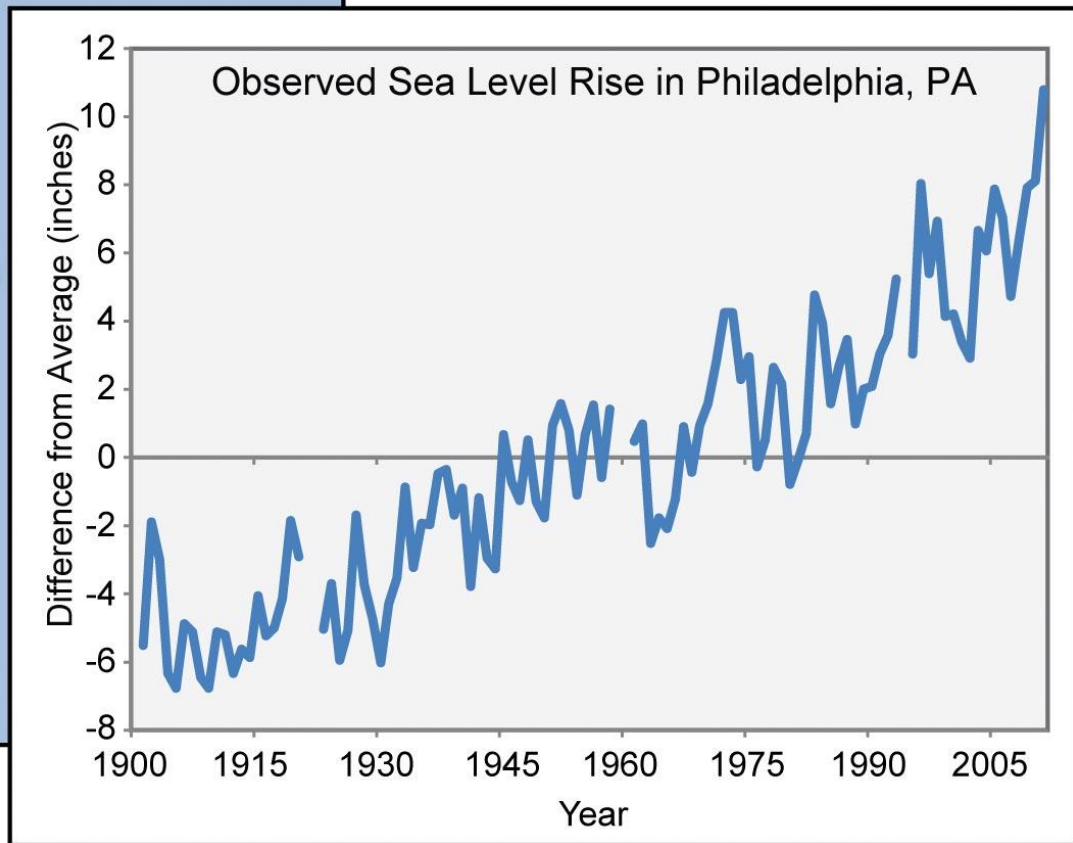
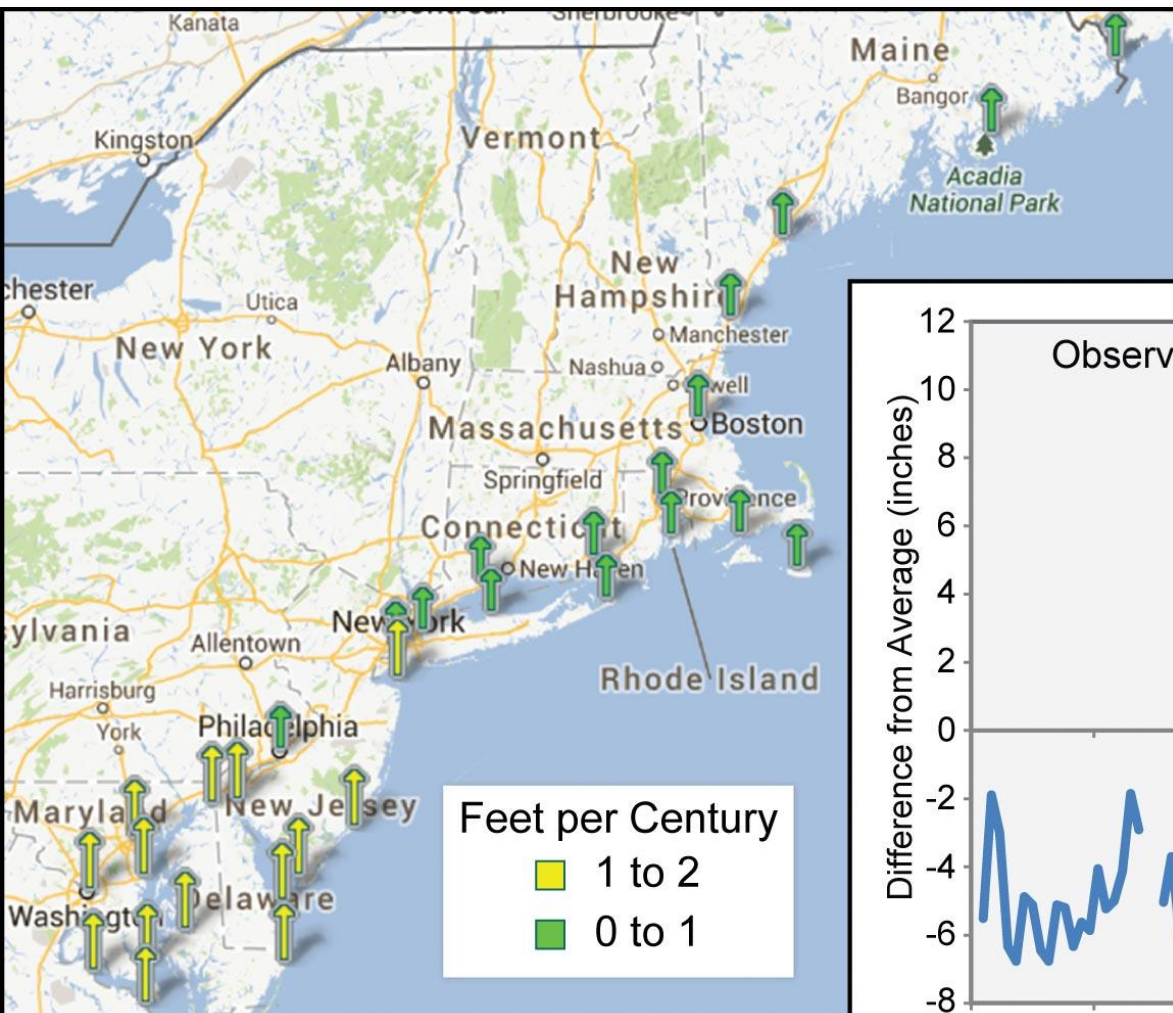




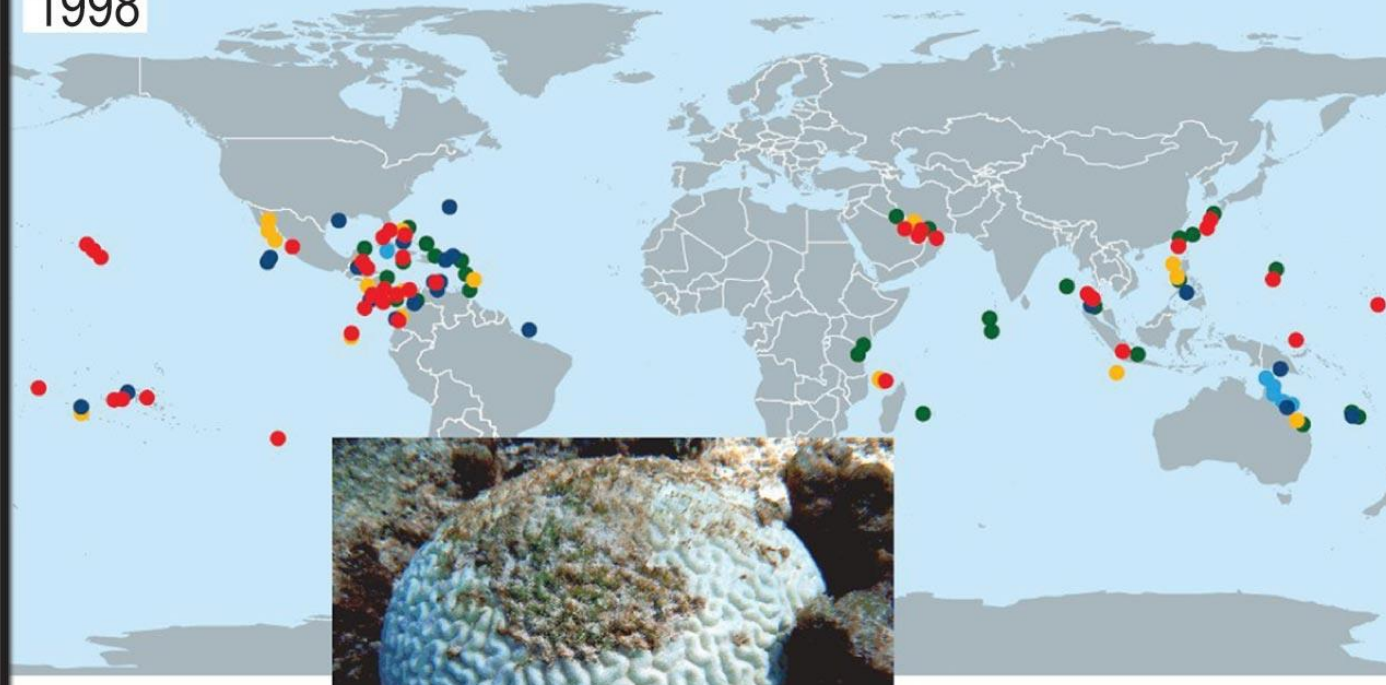
# Observed U.S. Trend in Heavy Precipitation



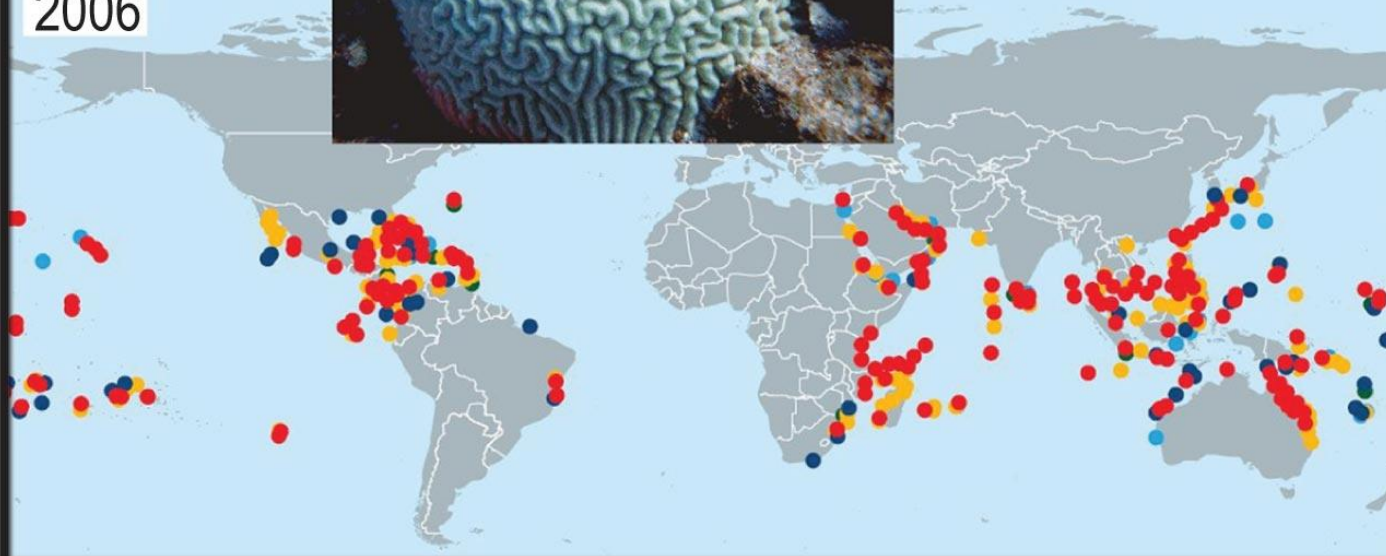




1998



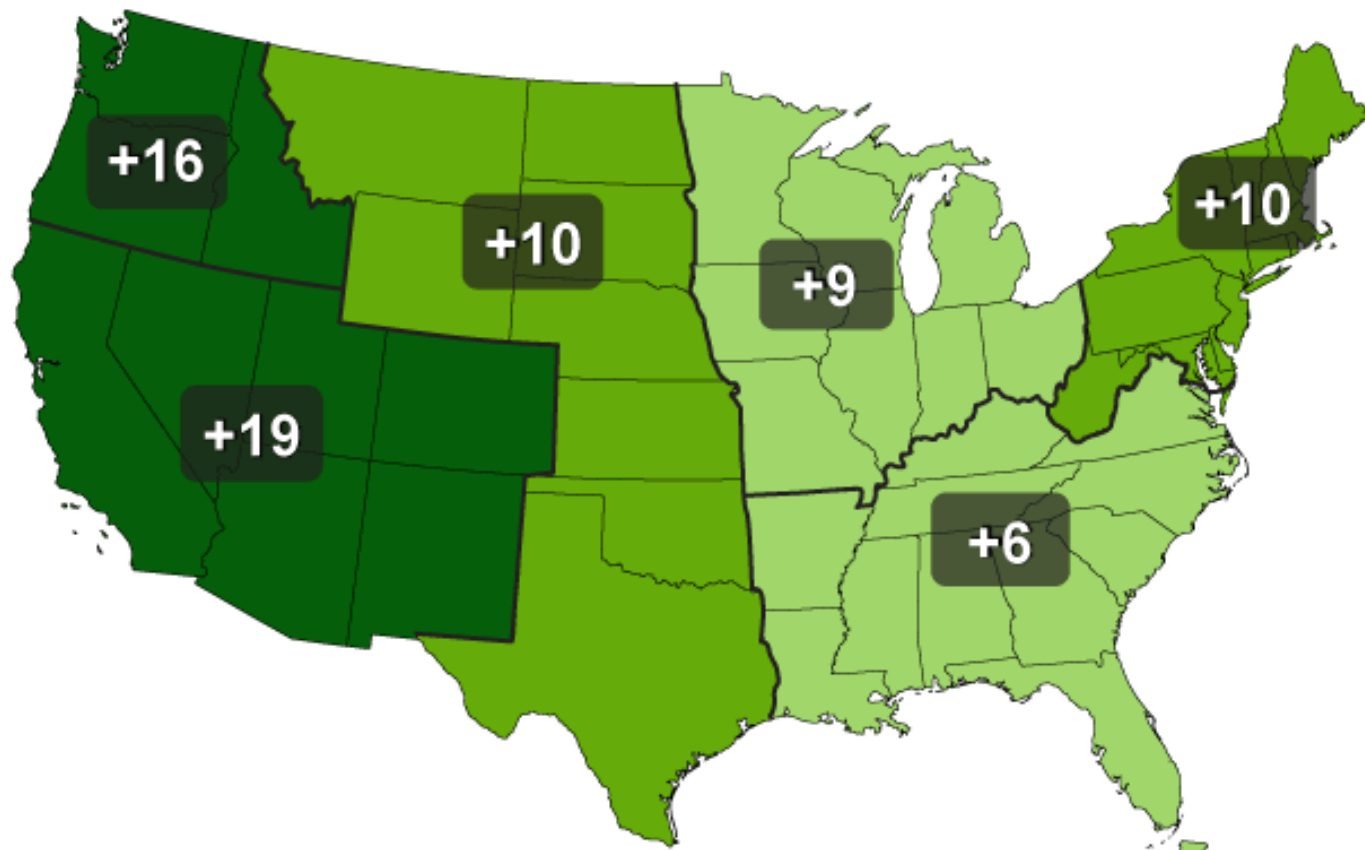
2006



● No Bleaching ● Low Bleaching ● Moderate Bleaching ● Severe Bleaching ● Severity Unknown



# Observed Increase in Frost-Free Season Length



Change in Annual Number of Days



0-4



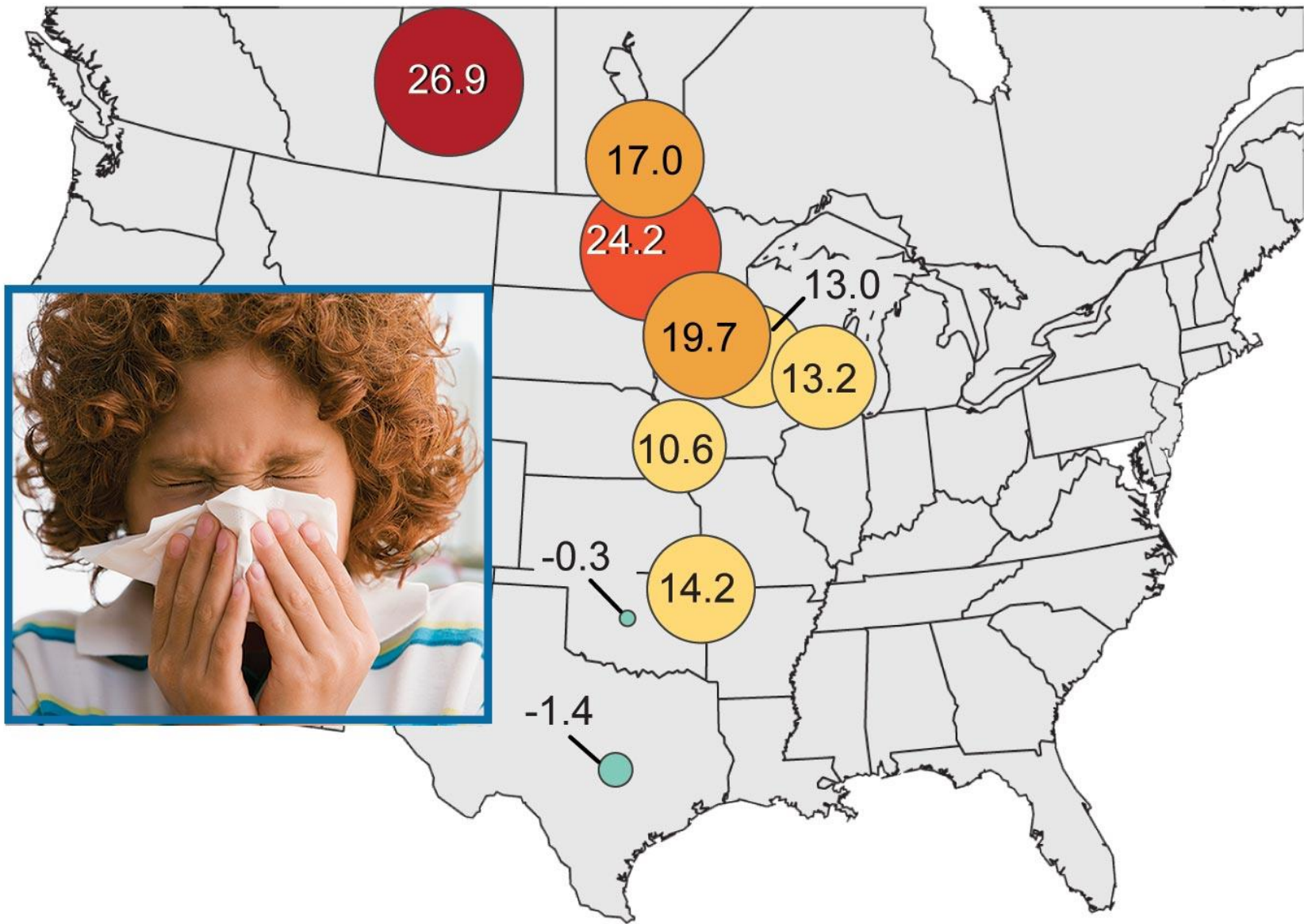
5-9



10-14



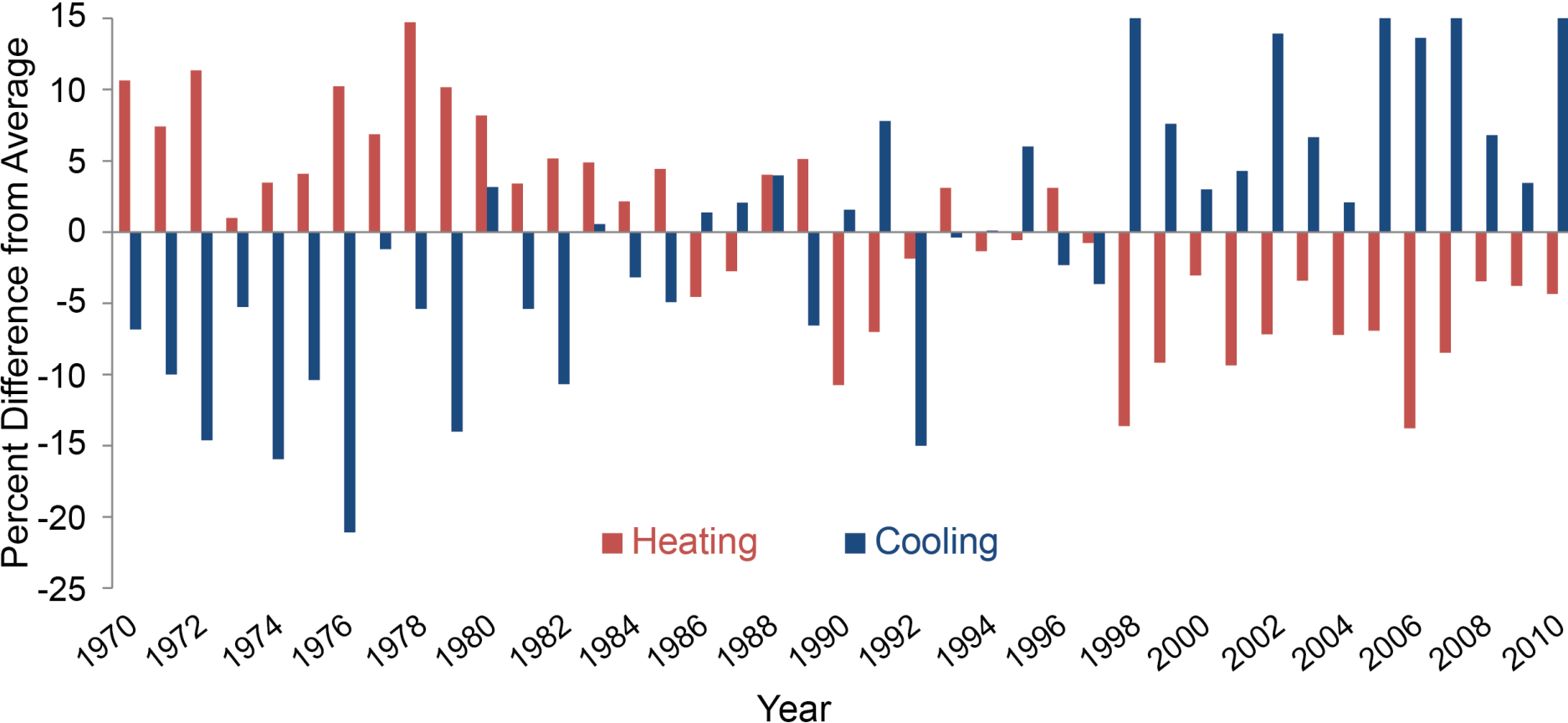
15+



Change in Ragweed Season Length (Days)



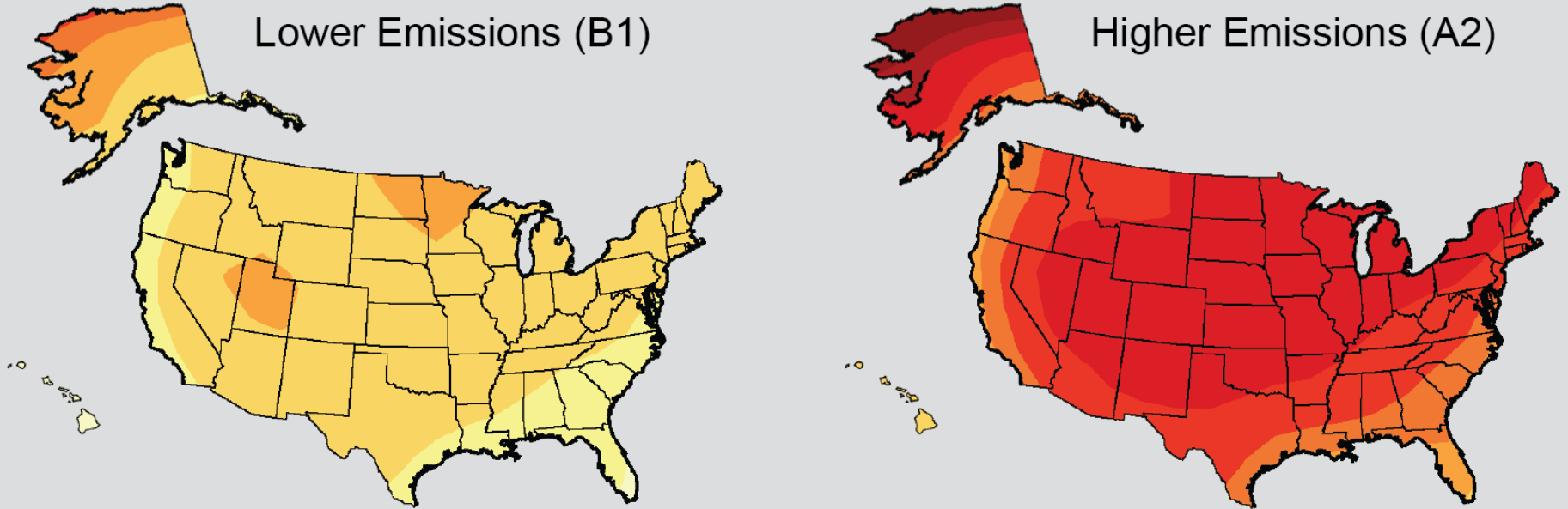
# Increase in Cooling Demand and Decrease in Heating Demand



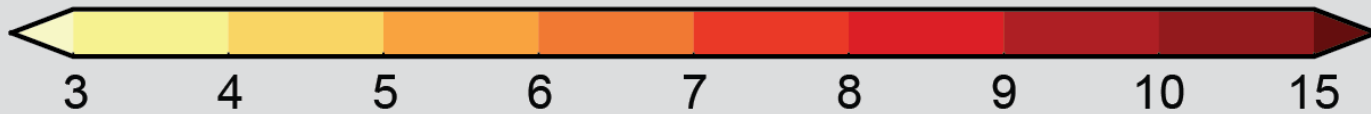
# Projected Temperature Change

Lower Emissions (B1)

Higher Emissions (A2)

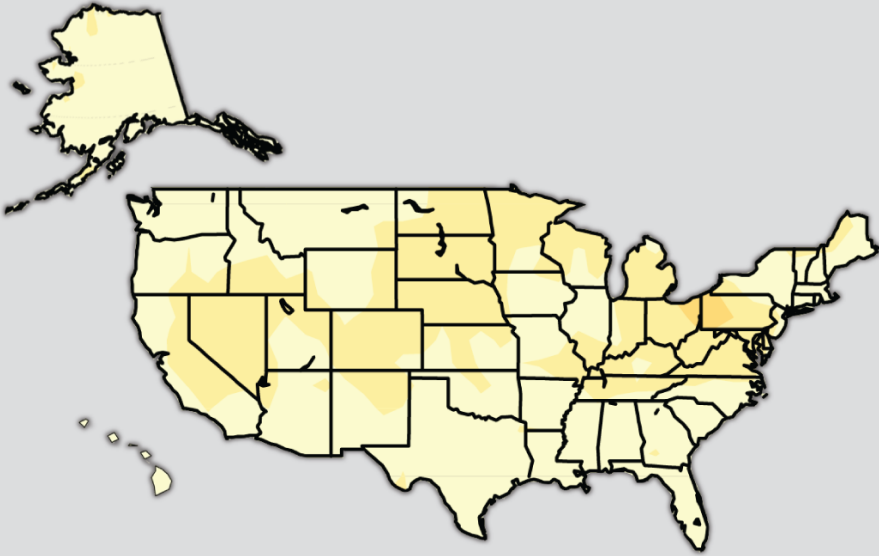


Temperature Change (°F)

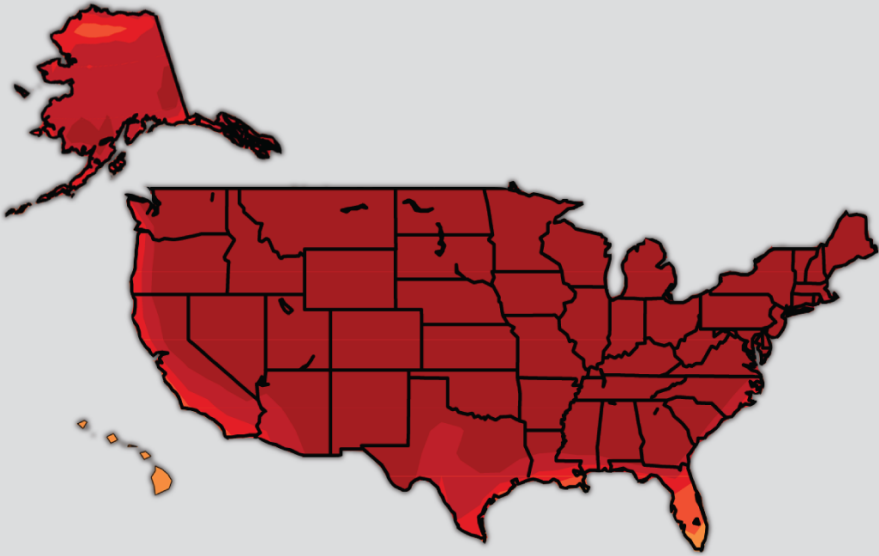


# Projected Temperature Change of Hottest Days

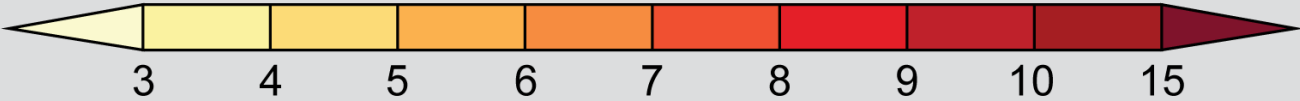
Rapid Emissions Reductions (RCP 2.6)



Continued Emissions Increases (RCP 8.5)

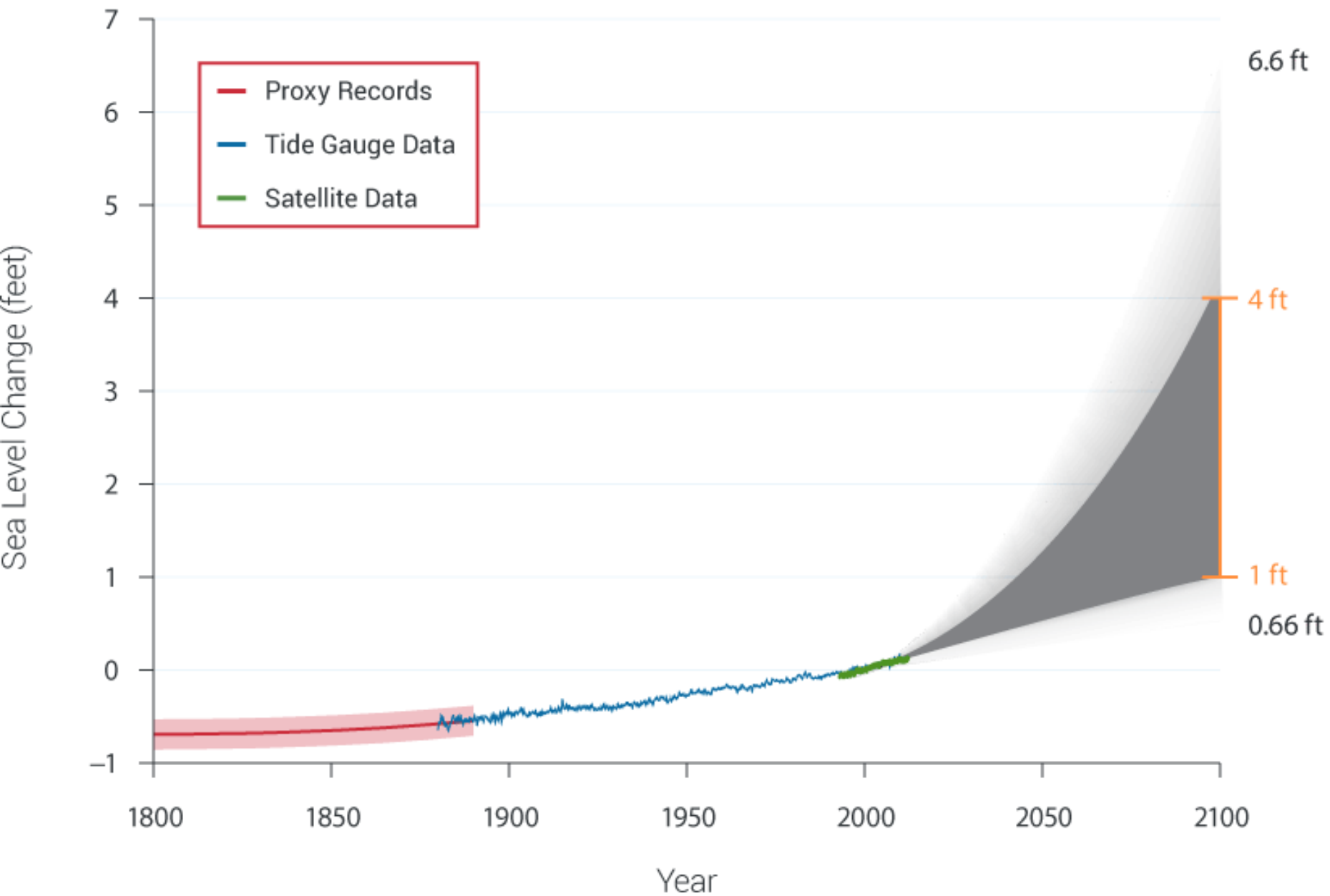


Temperature Change (°F)

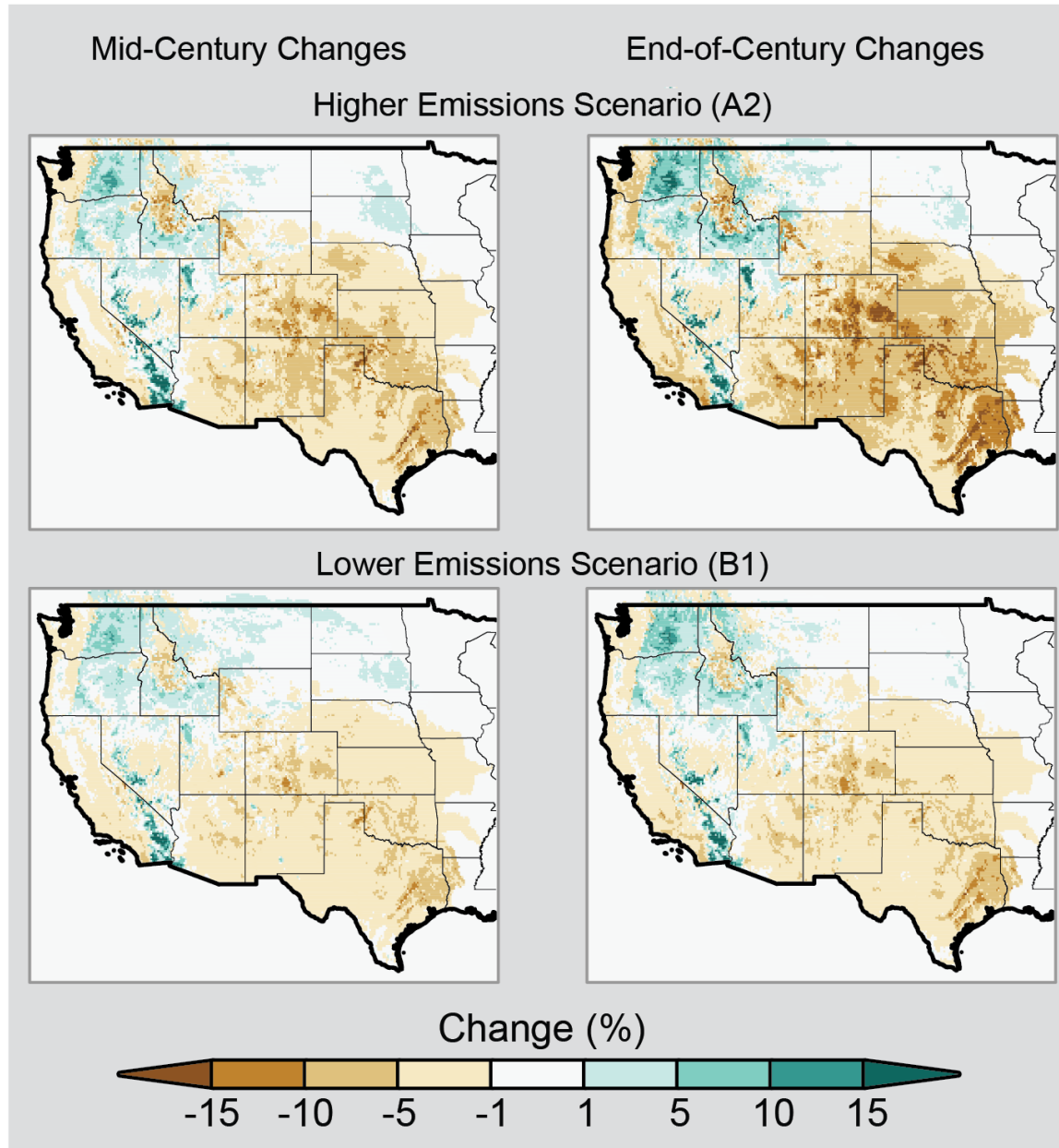




# Past and Projected Changes in Global Sea Level

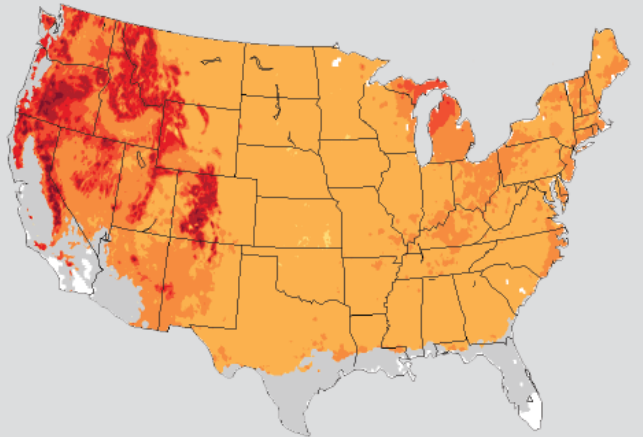


# Projected Changes in Soil Moisture for the Western U.S.

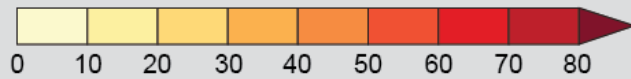


# Projected Changes in Key Climate Variables Affecting Agricultural Productivity

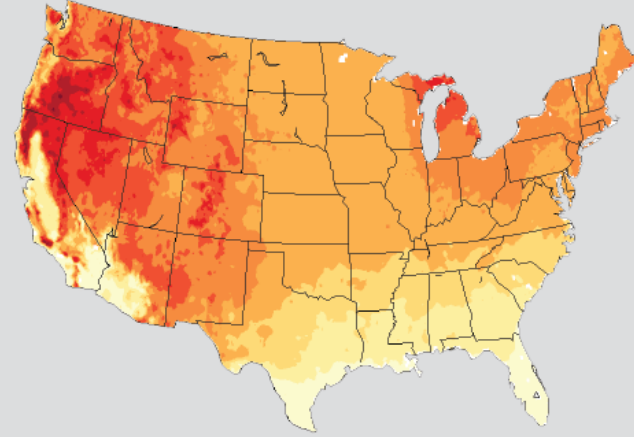
## Change in Frost-Free Season Length



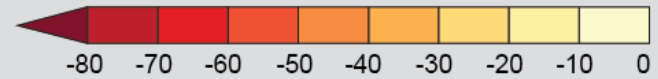
Number of Days



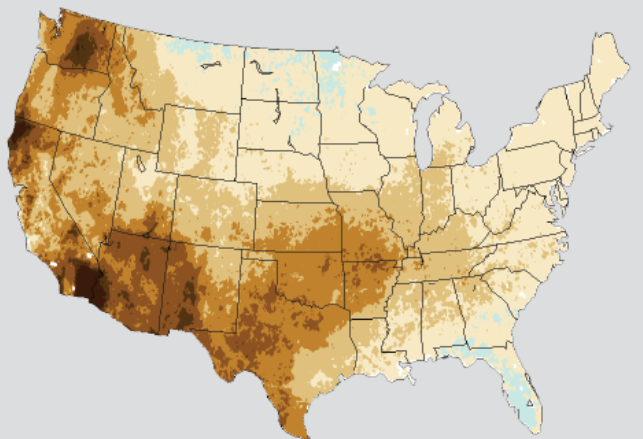
## Change in Number of Frost Days



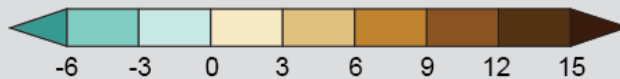
Number of Days



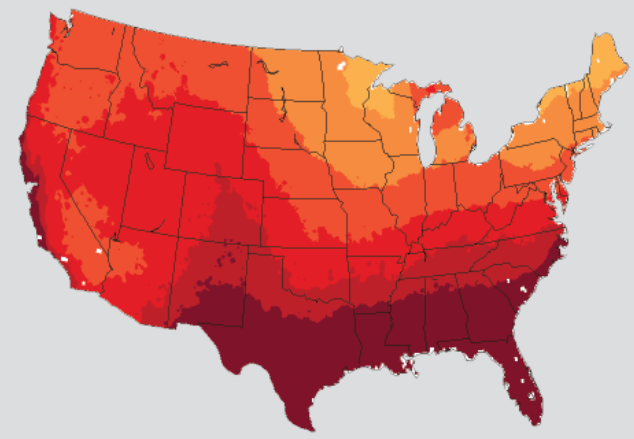
## Change in Number of Consecutive Dry Days



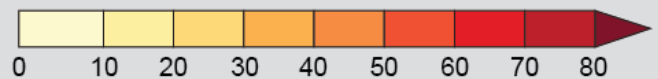
Number of Days



## Change in Number of Hot Nights

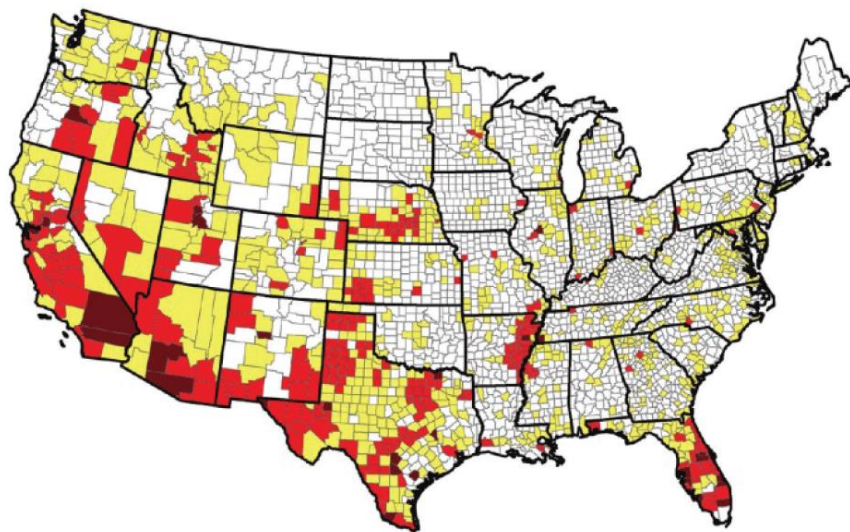


Number of Nights

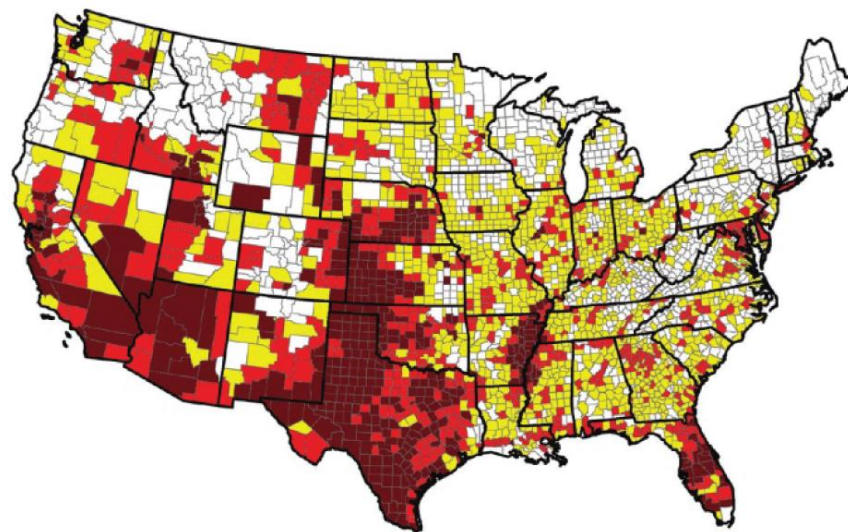


# Water Supplies Projected to Decline

## No Climate Change Effects



## Climate Change Effects



### Water Supply Sustainability Risk Index (2050)



### Water Supply Sustainability Risk Index (2050)

