



KITTERY TAKES ACTION ON CLIMATE CHANGE

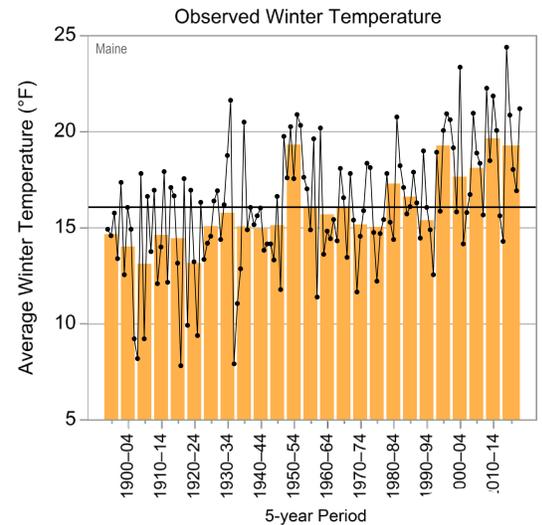
The Town's Climate Adaptation Committee is serving as the Taskforce to develop a climate action plan for Kittery, in collaboration with the communities of Biddeford, Kennebunk and Kennebunkport, and the Southern Maine Planning and Development Commission (SMPDC).

Learn more about our climate planning efforts and find out how you can get involved!

Maine's Climate is Changing

- Average annual temperatures in Maine have risen almost 3.5 °F, since 1900.
- Winter temperatures have been increasing twice as fast as summer temperatures since the 1990s.
- Annual precipitation is 15% greater than the long-term average.
- 2-inch extreme precipitation events have doubled over the past two decades.
- Sea level in Portland has risen by 7.4 inches, since 1912.
- Sea surface temperatures in the Gulf of Maine have risen 2 °F, since 1970.

For information sources, please visit www.kitteryme.gov/CAP.



Maine's Climate Will Continue Getting Warmer & Wetter

Maine's climate has been warming since 1950, due to a large increase in greenhouse gas emissions, primarily from the burning of coal, oil, and natural gas. Maine's climate will continue to get warmer and wetter over the next several decades, and sea-levels will continue to rise for centuries.



How much more our climate changes, depends on how much heat trapping gas we continue to emit.

How Will Kittery's Climate Change by 2050?

Rising Temperatures

Annual temperatures are expected to increase by 4-5 °F; the number of extreme heat days (maximum temperatures greater than 90°F) could double.

Seasonal Changes

The number of cold days (minimum temperatures less than 32°F) are expected to decrease by about 20%; snow cover days will likely decrease by 20-40%. Spring will come earlier, fall will last longer and summers will be hotter.

Extreme Precipitation

The number of 2-inch extreme precipitation events are expected to increase by 20 - 30%.

Rising Seas

Kittery will likely experience between 1.1 and 1.8 feet of sea level rise and storm surge.



For more info about how to get involved, visit: www.kitteryme.gov/CAP



SOUTHERN MAINE CAP COHORT



KITTERY TAKES ACTION ON CLIMATE CHANGE

Kittery's Climate Action Plan will provide specific policies and programs to reduce greenhouse gas emissions and adapt to the impacts of climate change. The plan will address the real effects of climate change that threaten our coastal community.

Everyone who lives and works in Kittery plays an important role in planning for a reduction in heat trapping gas emissions and building community resilience.

What's Next for Kittery

The Taskforce has mapped out areas in Kittery that are vulnerable to flooding and completed a community wide greenhouse gas inventory.

The Taskforce is gathering community input to shape our Climate Action Plan via community conversations, workshops and surveys.

Now we need to hear from you!



Climate Action Plan Timeline



Winter 2023

Begin public engagement, identify vulnerabilities and develop strategies for emission reduction and adaptation.



Spring/Summer 2023

Write the Climate Action Plan and build awareness by gathering additional public input.



Fall 2023

Finalize and adopt Climate Action Plan.

SCAN TO LEARN MORE

