

Climate Change in the Hudson Valley

“The climate of the Hudson Valley is changing. Climate scientists have documented actual and expected changes in our regional climate and how these changes will affect natural and human communities in our region.”

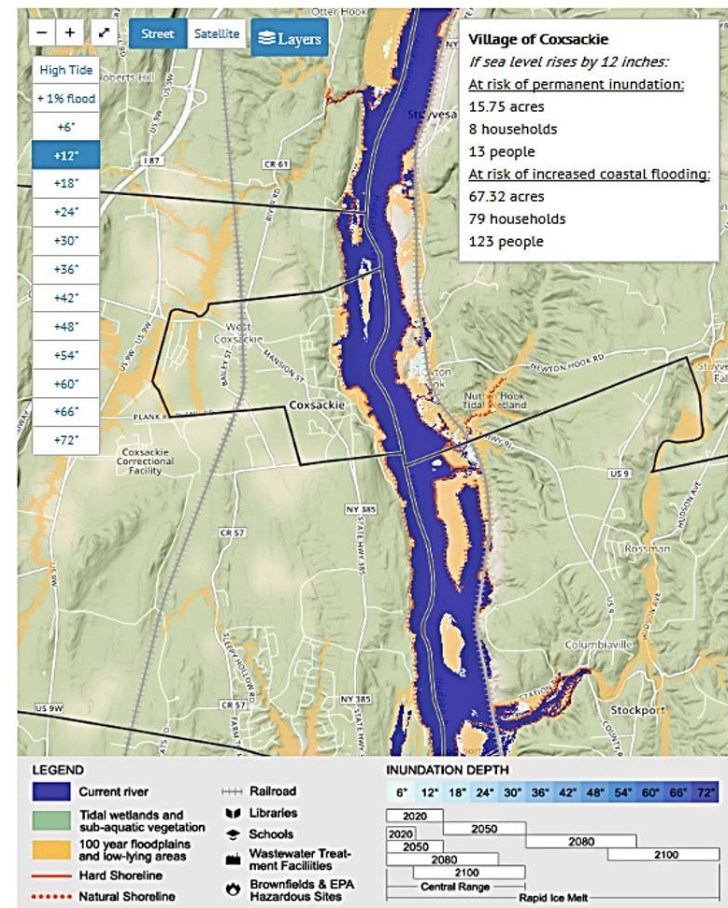
-- NYS Department of Environmental Conservation

New York state’s average temperature has gone up nearly 2 degrees Fahrenheit in 30 years and average rainfall is increasing, according to the New York State Department of Environmental Conservation (DEC).

Climate change is affecting the Hudson Valley in a variety of ways, including:

- **Flooding** – Connected to the sea, the Hudson River experiences tides as far north as Troy. That’s why the Hudson River’s water level is rising with global sea level.
- **Heat Waves** – Increasingly intense summer heat affecting human health, agricultural production, tourism and recreation.
- **Short-term Drought** – Precipitation is becoming more variable and extreme, with powerful rainfall events mixed with intense drought conditions affecting food and water supply.

Sea Level Rise Mapper



SOURCE: <http://scenic Hudson.org/slr/mapper>

To view Scenic Hudson’s interactive map, click this link: [Sea Level Rise Mapper](#)

Solar Farms Combat Climate Change

More than a third of America's greenhouse gas emissions are produced by burning fossil fuels for electricity.

By replacing electricity from fossil fuels, solar farms help to reduce the levels of greenhouse gases in the atmosphere and combat climate change.



For more information

[Climate Change in the Hudson Valley](#) - New York State Department of Environmental Conservation

[Scenic Hudson and Climate Change](#) - Scenic Hudson

[Climate Change in New York State](#) - New York State Energy Research and Development Authority

[What Climate Change Means for New York](#) - U.S. Environmental Protection Agency

[Solar Energy and Climate Change: A Solution to Reducing Greenhouse Gas Emissions](#) - Solar Energy Industries Association

[Renewable Energy Is Key to Fighting Climate Change](#) - Nature Resources Defense Council

[Benefits of Renewable Energy Use](#) - Union of Concerned Scientists