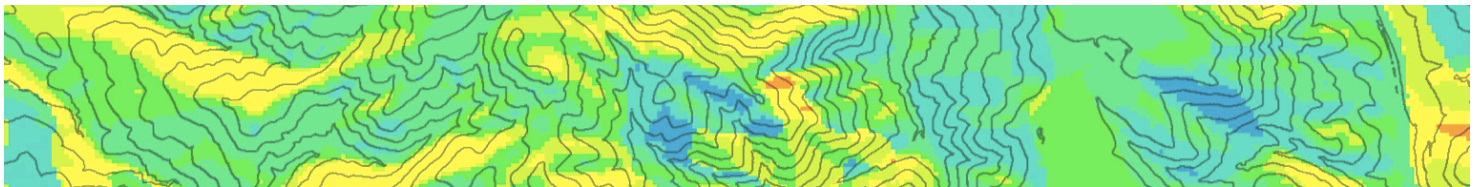


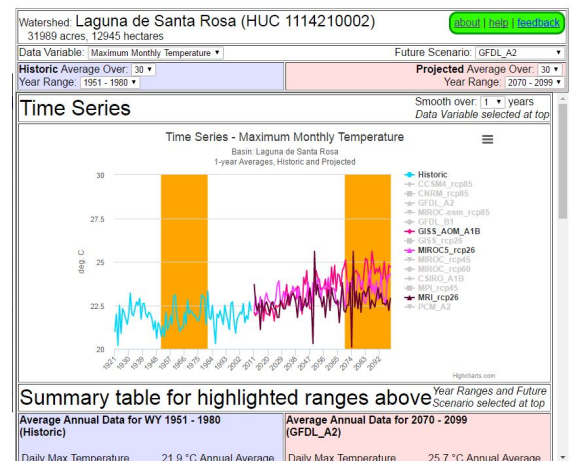
TBC3 Watershed Analyst

Terrestrial Biodiversity Climate Change Collaborative
a project of Pepperwood's Dwight Center for Conservation Science

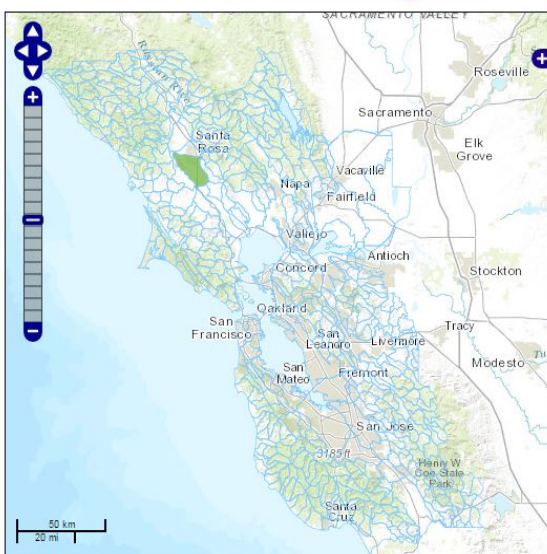


What is the Watershed Analyst? This innovative online tool lets you access climate and hydrology data to help your community get climate ready. Explore historic climate and water patterns and compare them with modeled future scenarios, create graphs, and download customizable summaries for your watershed. Data provided can be a helpful tool for teachers, students, planners, and researchers.

The data The Watershed Analyst utilizes the best science available to provide our region's first high resolution resource for looking at the effects of climate on water resources and open spaces. It taps into the TBC3 knowledgebase of global climate models downscaled to the local watershed scale using the US Geological Survey's Basin Characterization Model (BCM), which projects the interactions of climate (rainfall and temperature) with empirically measured landscape attributes including topography, soils, and underlying geology. *For more information on the peer-reviewed research foundation for the Watershed Analyst tool see www.tbc3.org.*



San Francisco Bay Area Climate-Smart Watershed Analyst *Beta release*



Why watersheds? A watershed is a geographic area of land, water, and biota within the confines of a drainage divide. The climate and water data in the Watershed Analyst are presented at a "planning watershed" scale—the smallest sub-watersheds that make up the major basins of the Bay Area, as shown in blue in the map to the left. This is an excellent scale for evaluating climate and hydrologic change using the BCM.

We want your feedback!

Access the Watershed Analyst at the link below. **Please send any feedback to tbc3@pepperwoodpreserve.org.**

<http://climate.calcommons.org/tbc3/sf-bay-watershed-analyst>

The Watershed Analyst is a project of TBC3, Pepperwood Foundation, Point Blue Conservation Science, and the Climate Commons with funding from the Gordon and Betty Moore Foundation.