

SCENIC

Southwest Climate and ENvironmental Information Collaborative

providing climate data and analysis
tools to natural resource and
environmental scientists

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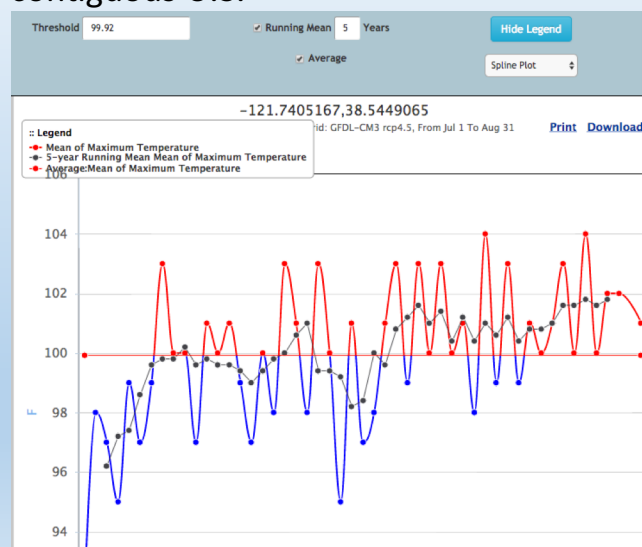
SCENIC is a web page under development at the Western Regional Climate Center (WRCC) as part of WRCC's contribution to the Southwest Climate Science Center (SWCSC). The purpose of SCENIC is to support the research and decision making efforts of the SW-CSC, the Landscape Conservation Cooperatives (LCC), and other stakeholders.



Data

SCENIC delivers daily data from **weather stations** across the U.S. from 1890-present. It also provides access to **statistically downscaled climate projections (LOCA)** developed at SCRIPPS and **dynamically downscaled data and model outputs** from NARCCAP. SCENIC also provides access to historic gridded datasets like daily, monthly, and annual data at 4 km resolution from **PRISM**. The complete **MODIS and LANDSAT** archives can be accessed through SCENIC via Google's cloud computing platform Earth Engine. Users can download subsets of the data and requests can be customized by spatial and temporal extent.

SCENIC serves as an access point for climate data and analysis tools for the Southwest as well as the rest of the contiguous U.S.



Analysis Tools

Several analysis and visualization tools are available to help resource scientists in the decision-making process. Among these are tools to summarize data, identify extremes, generate custom time series graphs, and to generate climate summary tables. The Climate Dashboard allows users to monitor current climate and weather conditions across the U.S. The dashboard provides access to numerous climate anomaly maps, water, snow and drought information, ENSO, AO, NAO, MJO updates, and climate outlooks.