Effects of Climate Change on the Southwest



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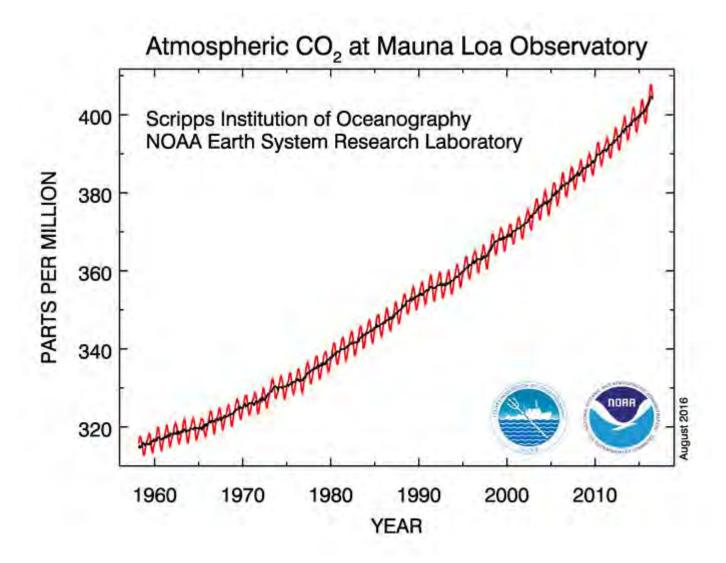


Climate Change Indicators

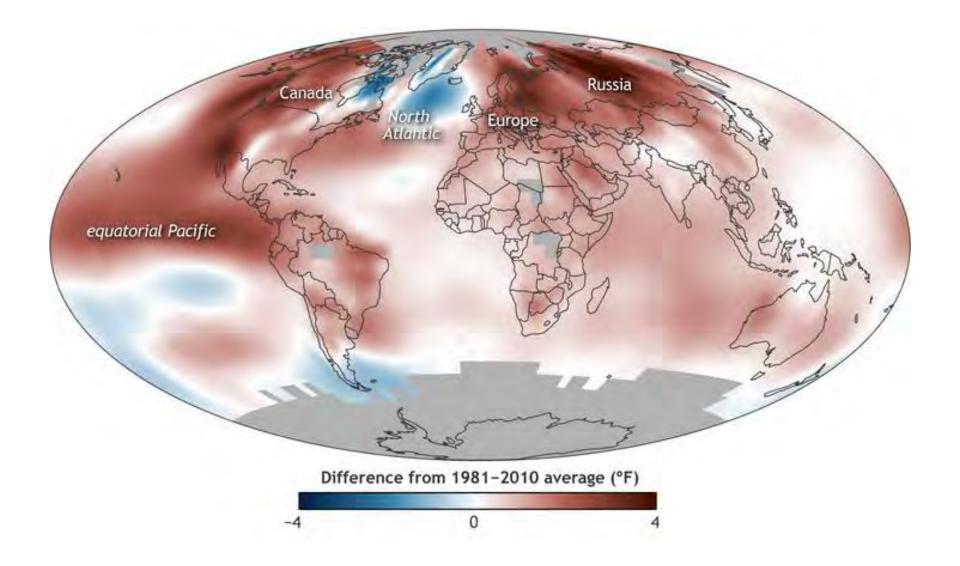
- Increasing greenhouse gases
- Increasing temperatures
- Increasing intensity of summer heat waves
- Increasing heavy precipitation events
- Melting sea ice
- Rising sea level



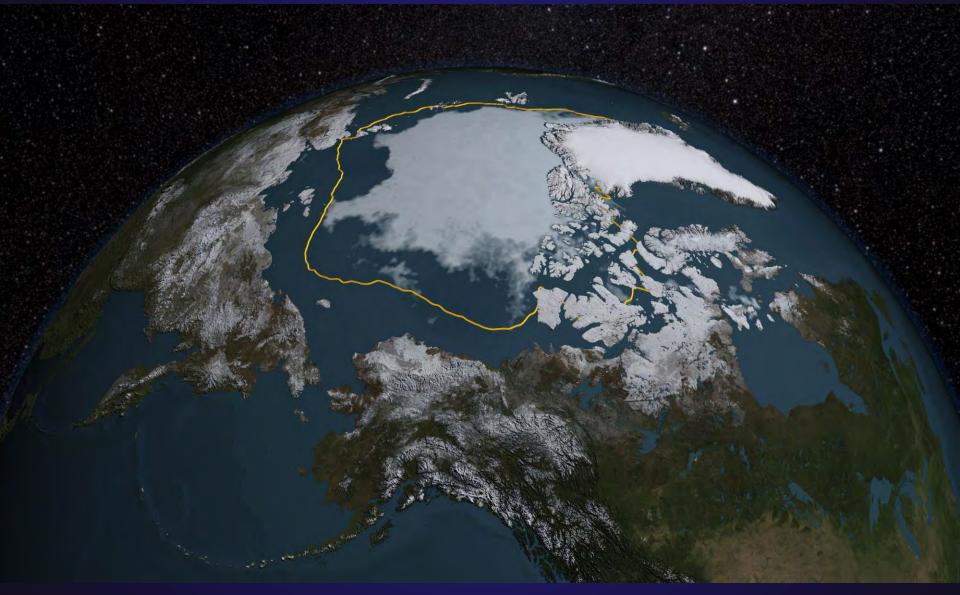
Carbon Dioxide



Temperature

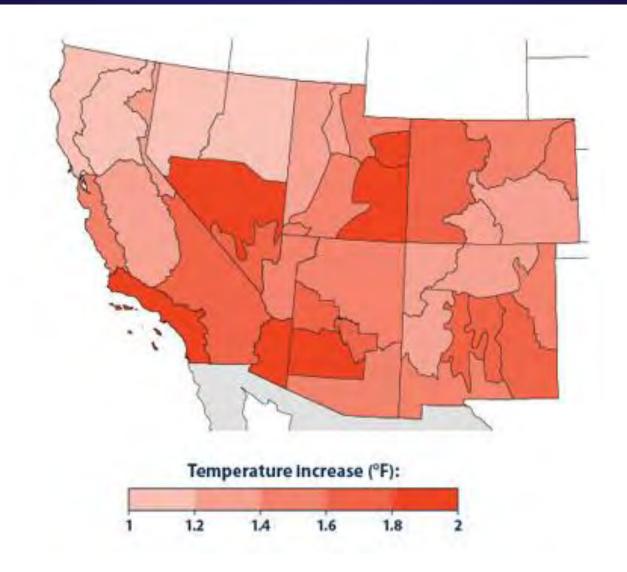


Sea Ice

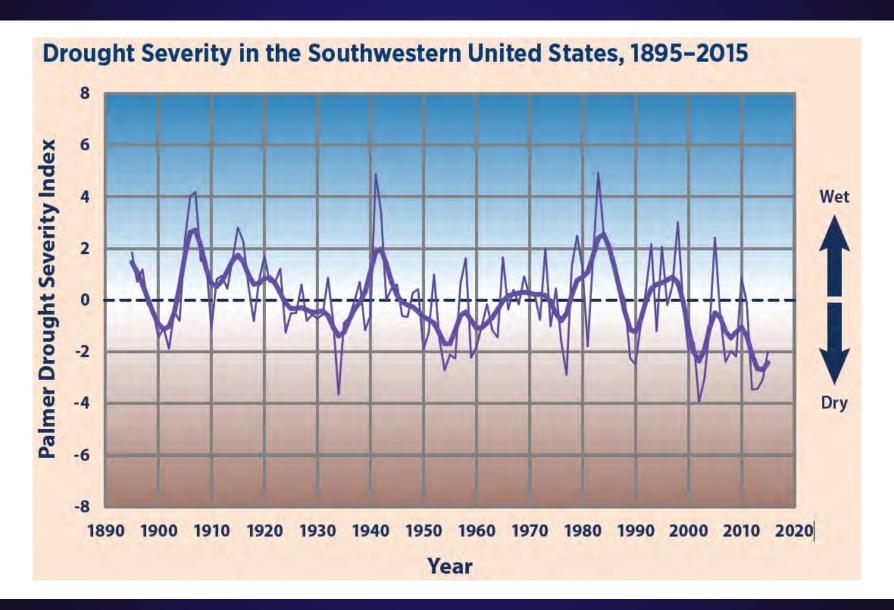




Average Temperatures in the Southwest (2000-2013)

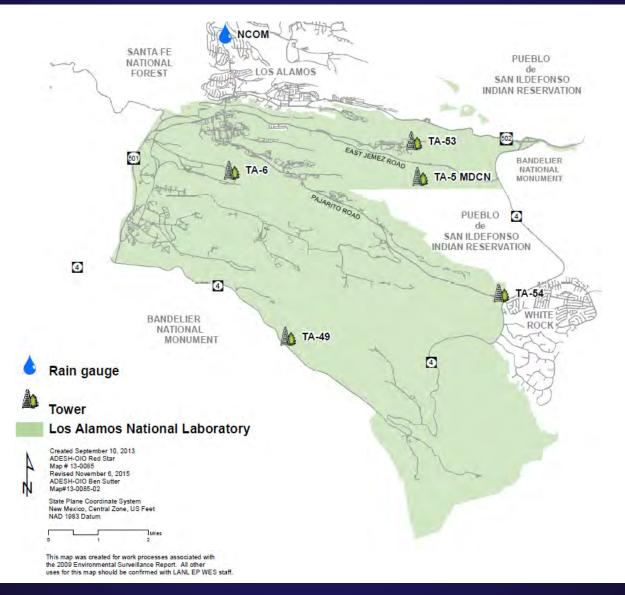


Drought

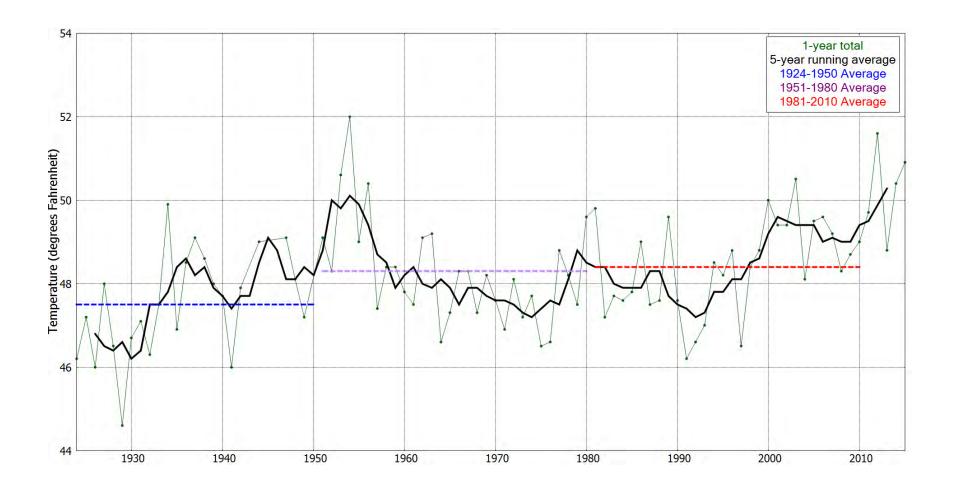




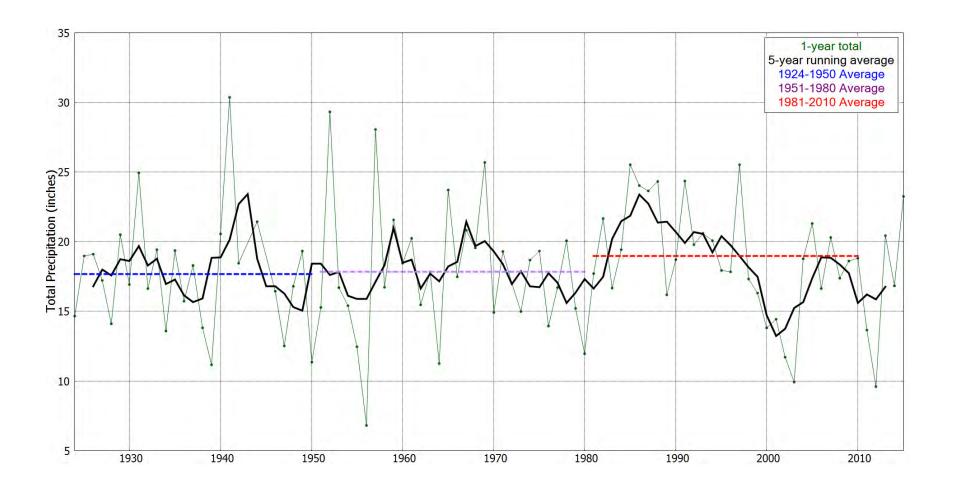
Meteorology Observation Sites



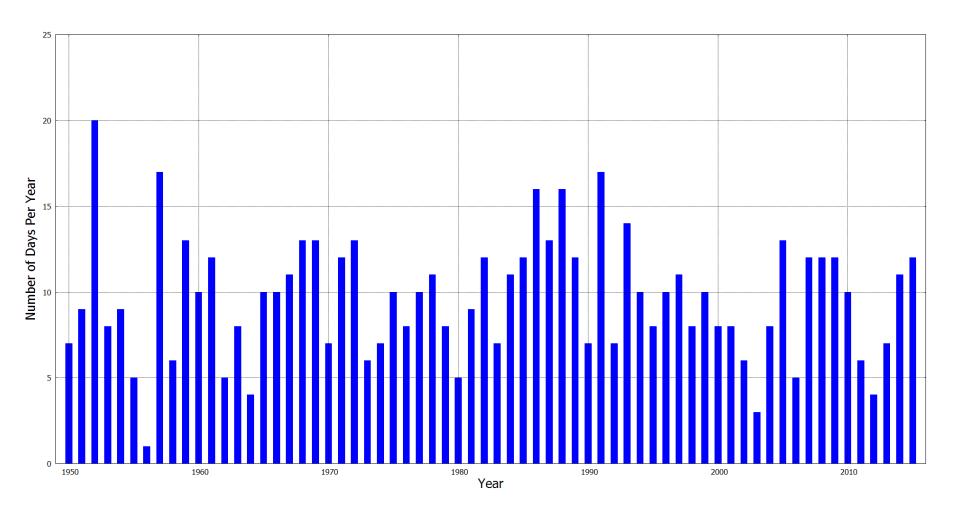
Los Alamos - Temperature



Los Alamos - Precipitation



Los Alamos – Days > 0.5 inches of precipitation



Summary

- Climate change observed in the Southwest has similar trends to the trends across the globe
- Los Alamos has measured an increase in temperature
- Los Alamos shows no trend in precipitation and frequency of heavy precipitation