

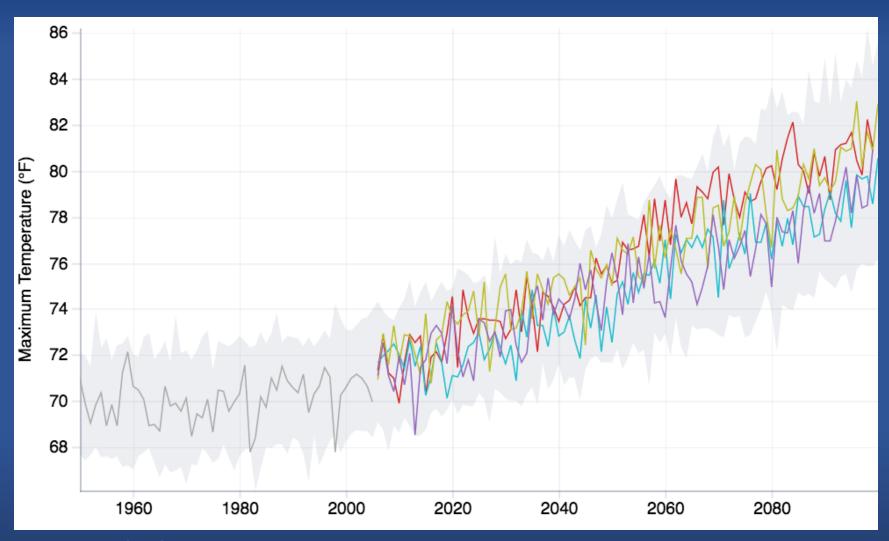
Ted Grantham

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University of California
Agriculture and Natural Resources

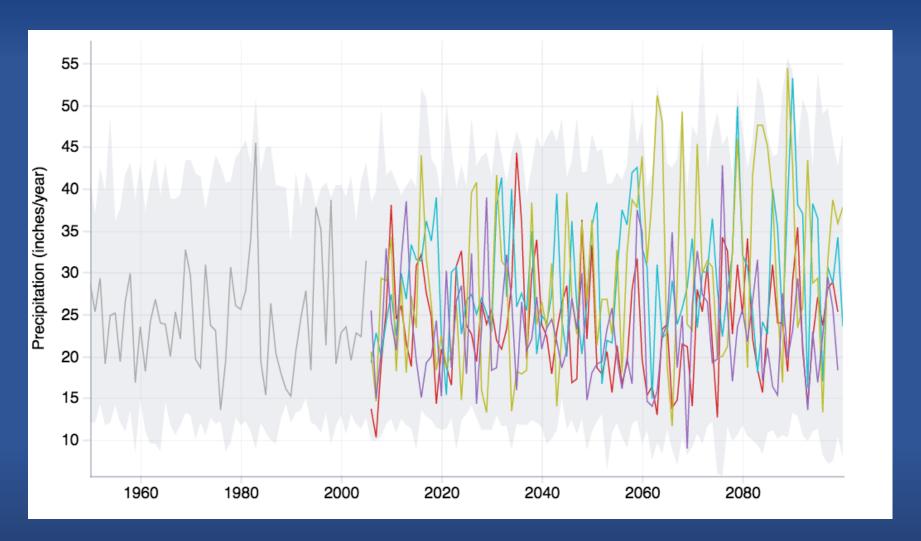


Maximum temperature projections



Source: Cal-Adapt.org

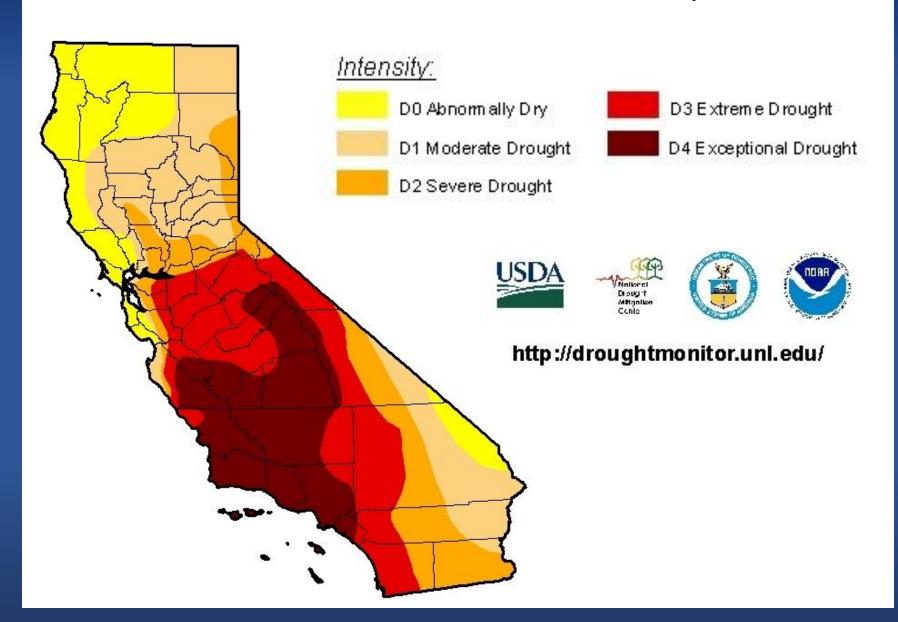
Precipitation projections



Source: Cal-Adapt.org

California

July 12, 2016



2012-2016 as "trial run" for future multi-year droughts



NOVEMBER 2017

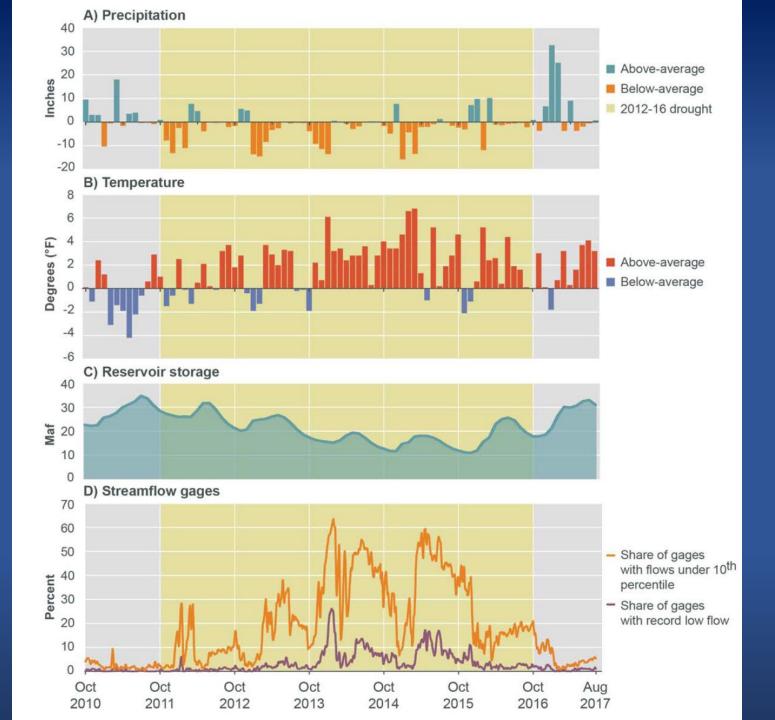
Jeffrey Mount,
Brian Gray,
Caitrin Chappelle,
Greg Gartrell,
Ted Grantham,
Peter Moyle,
Nathaniel Seavy,
Leon Szeptycki,
Barton "Buzz"
Thompson
with research support from
Jelena Jezdimirovic

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Managing California's Freshwater Ecosystems

Lessons from the 2012–16 Drought





Case studies



Key findings

- Water managers unprepared for the environmental consequences of drought
- Minimum water allocations for the environment were frequently curtailed
- Population declines of sensitive species
- Water allocated for endangered species had limited impact on water supplies
- California's system for tracking water use and availability is inadequate for managing freshwater ecosystems

Conclusion

Climate trends and recent drought offers glimpse into California's future

We recommend policy changes that:

- Strengthen drought planning
- Improve water accounting
- Establish environmental water budgets

