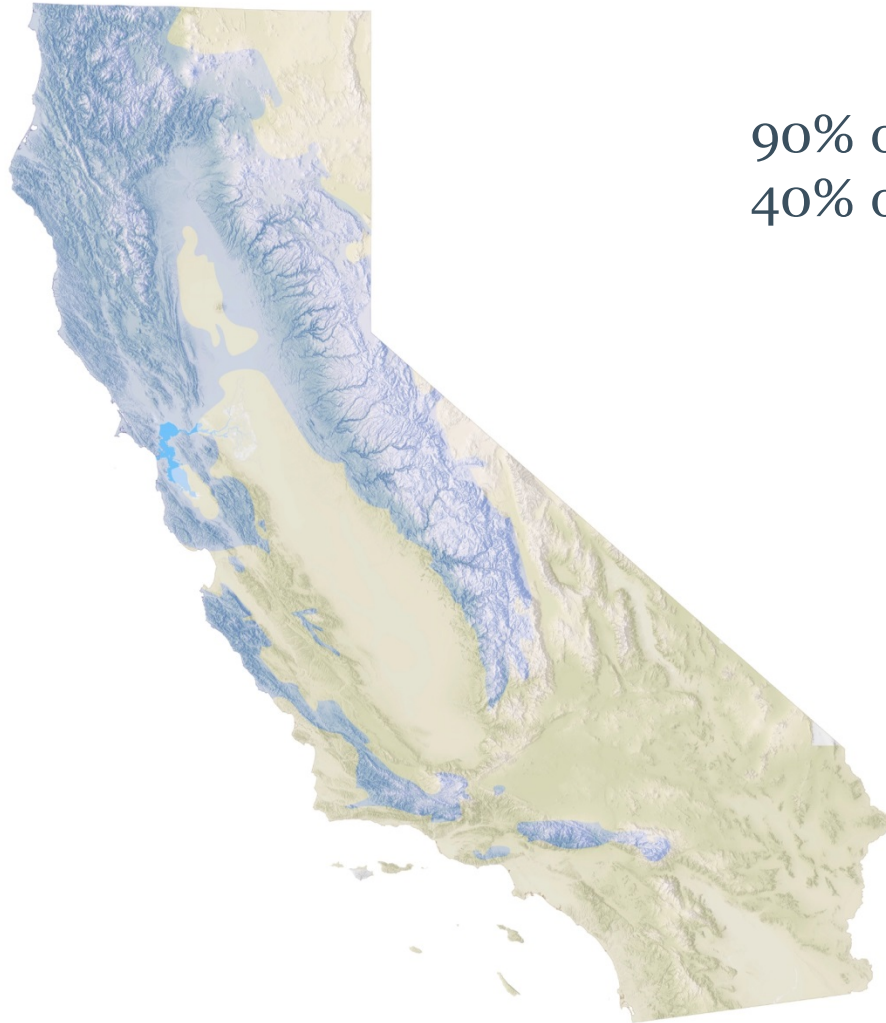




California Water System

Current Issues
March 4-5, 2016

California Water Systems

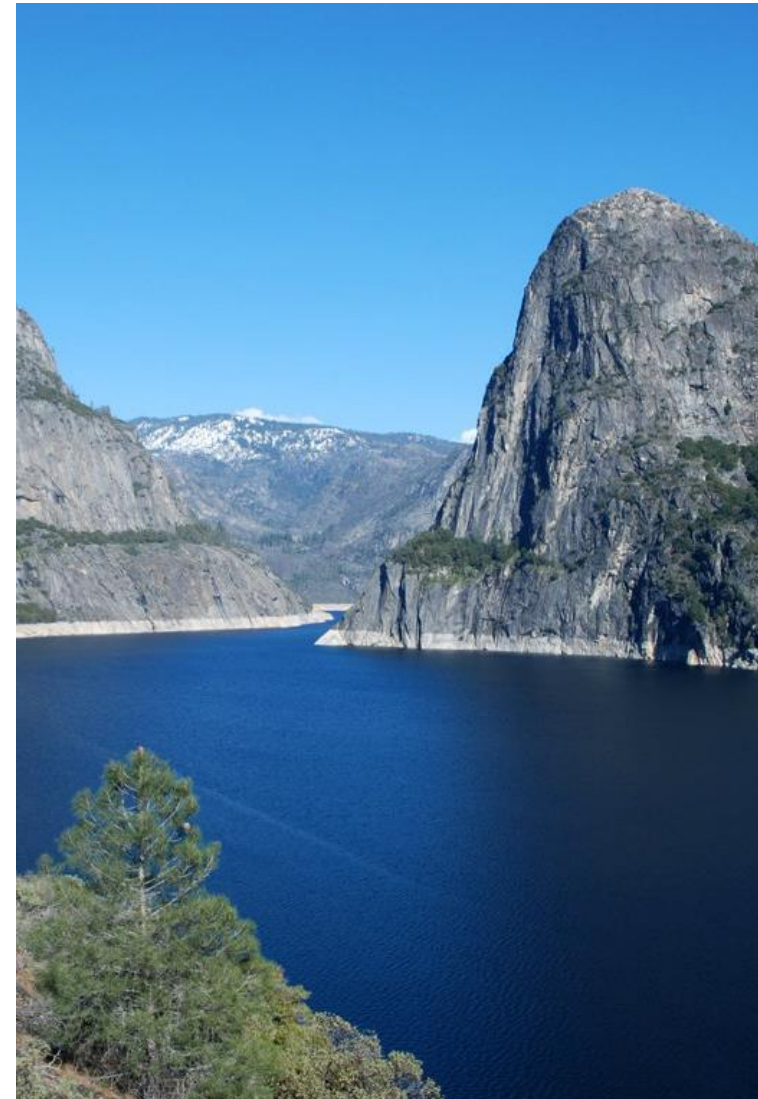
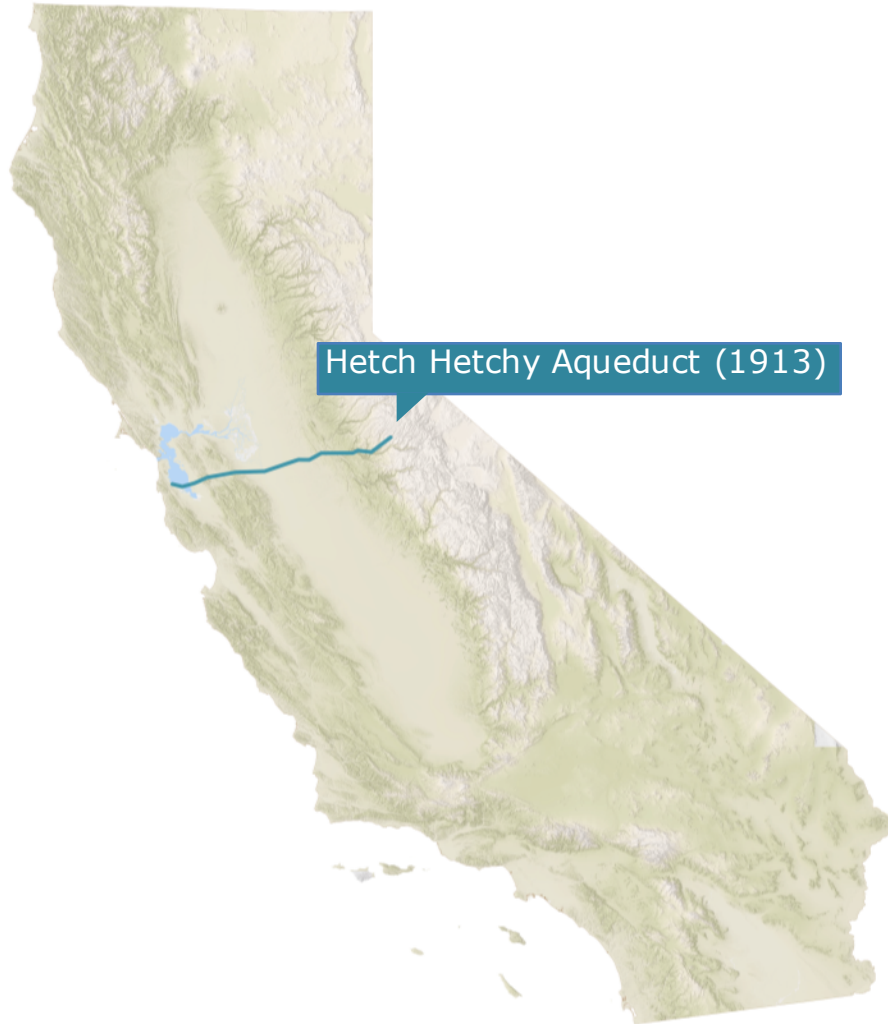


90% of annual runoff occurs in
40% of the state

California Water Systems



California Water Systems



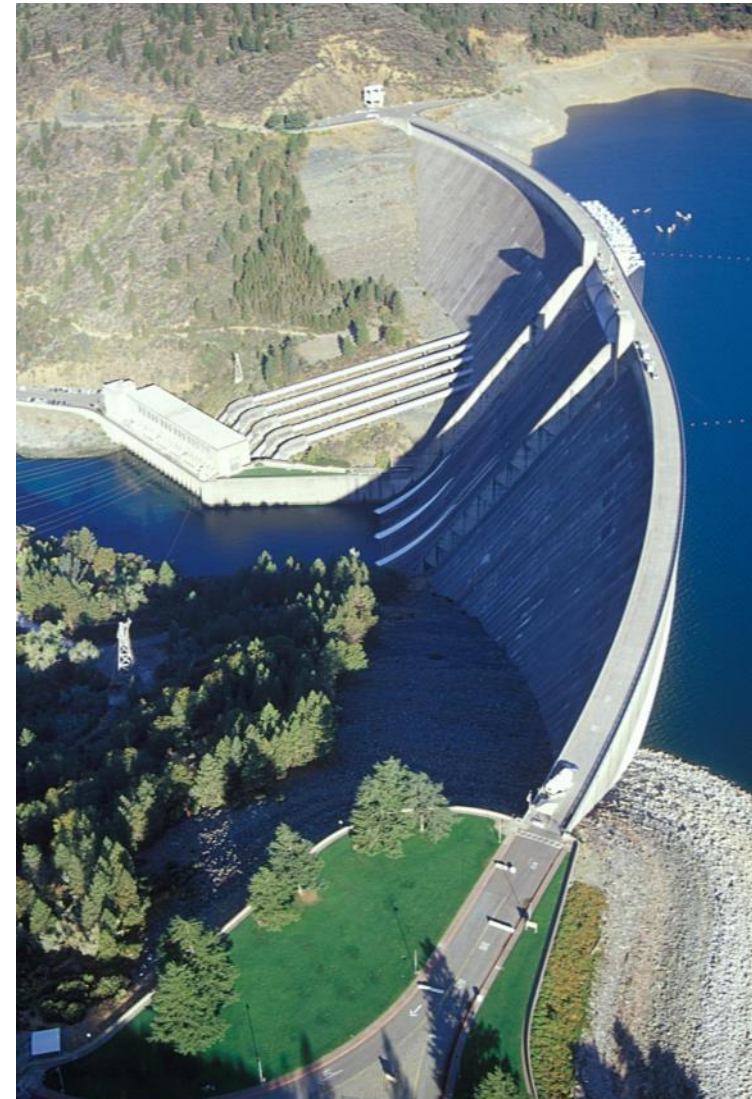
California Water Systems



California Water Systems



California Water Systems



California Water Systems



California Water Systems



Fueled California economy

All had unintended consequences

All are less reliable today

Water Management Challenges

- Aging Infrastructure
- Increasing Population
- Degraded Ecosystems
- Groundwater Overdraft
- Management Fragmentation
- Climate Change (increase in extremes)



U.S. Drought Monitor California

March 1, 2016

(Released Thursday, Mar. 3, 2016)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.43	99.57	95.13	82.66	60.86	38.48
Last Week <i>2/23/2016</i>	0.43	99.57	94.38	81.82	60.86	38.48
3 Months Ago <i>12/1/2015</i>	0.14	99.86	97.33	92.26	70.55	44.84
Start of Calendar Year <i>12/29/2015</i>	0.00	100.00	97.33	87.55	69.07	44.84
Start of Water Year <i>9/29/2015</i>	0.14	99.86	97.33	92.36	71.08	46.00
One Year Ago <i>3/3/2015</i>	0.16	99.84	98.10	93.44	67.46	39.92

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

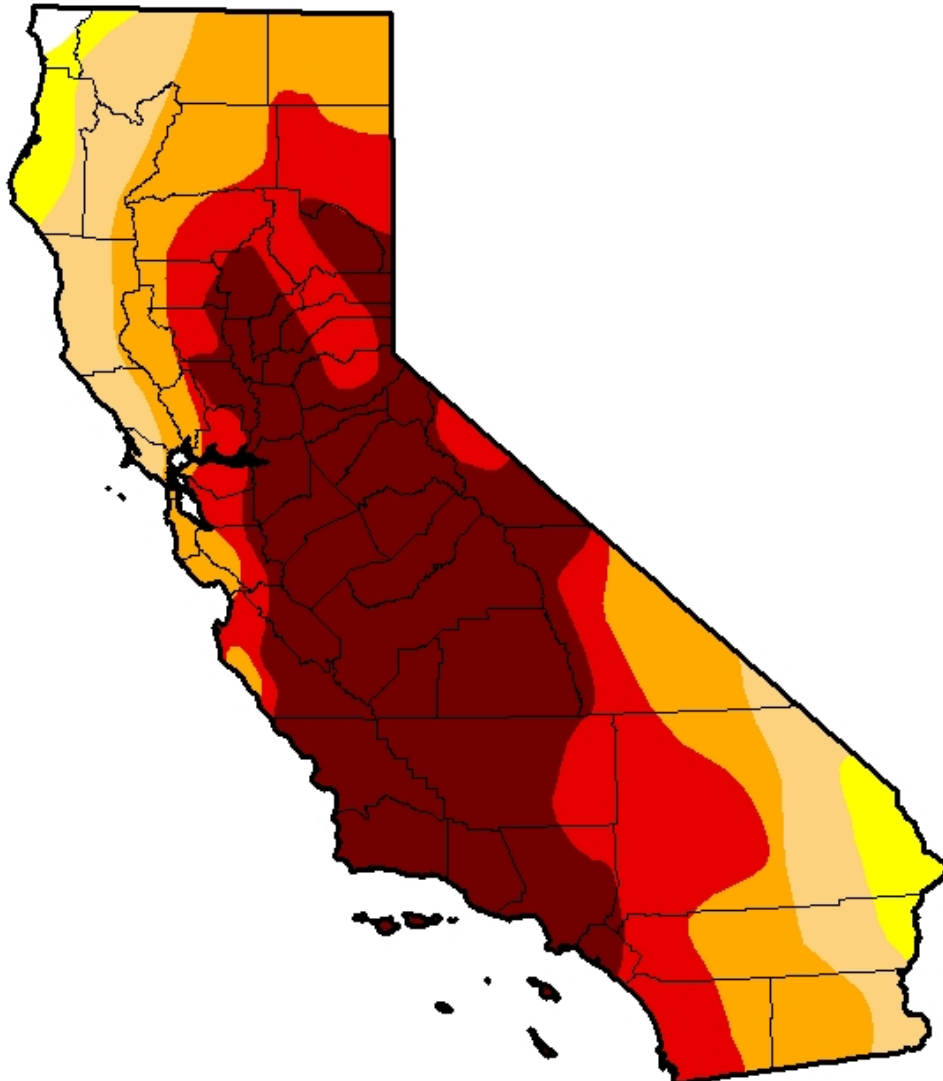
Author:

David Miskus

NOAA/NWS/NCEP/CPC



<http://droughtmonitor.unl.edu/>

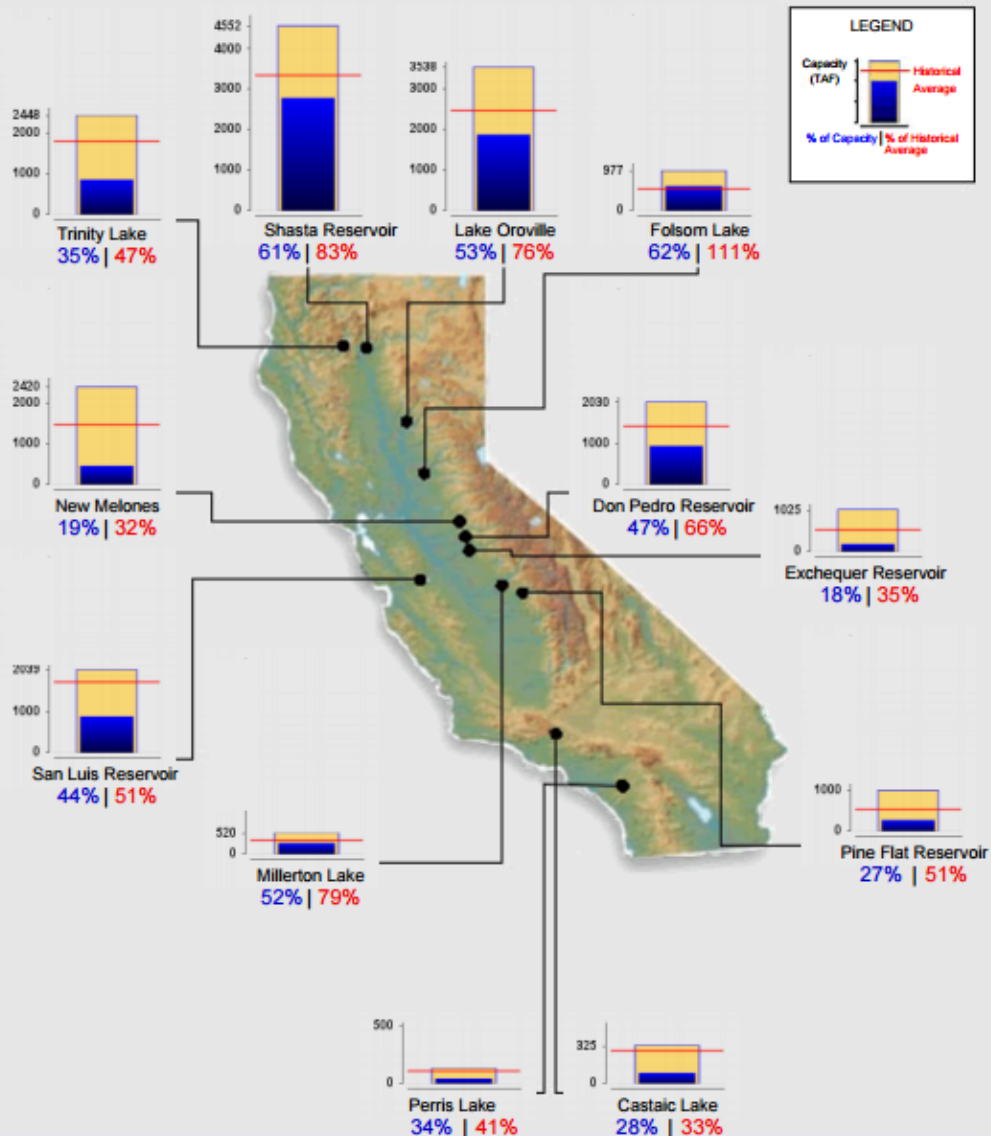




Reservoir Conditions

Ending At Midnight - March 2, 2016

CURRENT RESERVOIR CONDITIONS









Transformative Moment in California Water

- Invest in Management Diversification
- Create Markets to Move Water
- Drive Conservation
- Build Ecosystem Resilience
- Safe Drinking Water for All









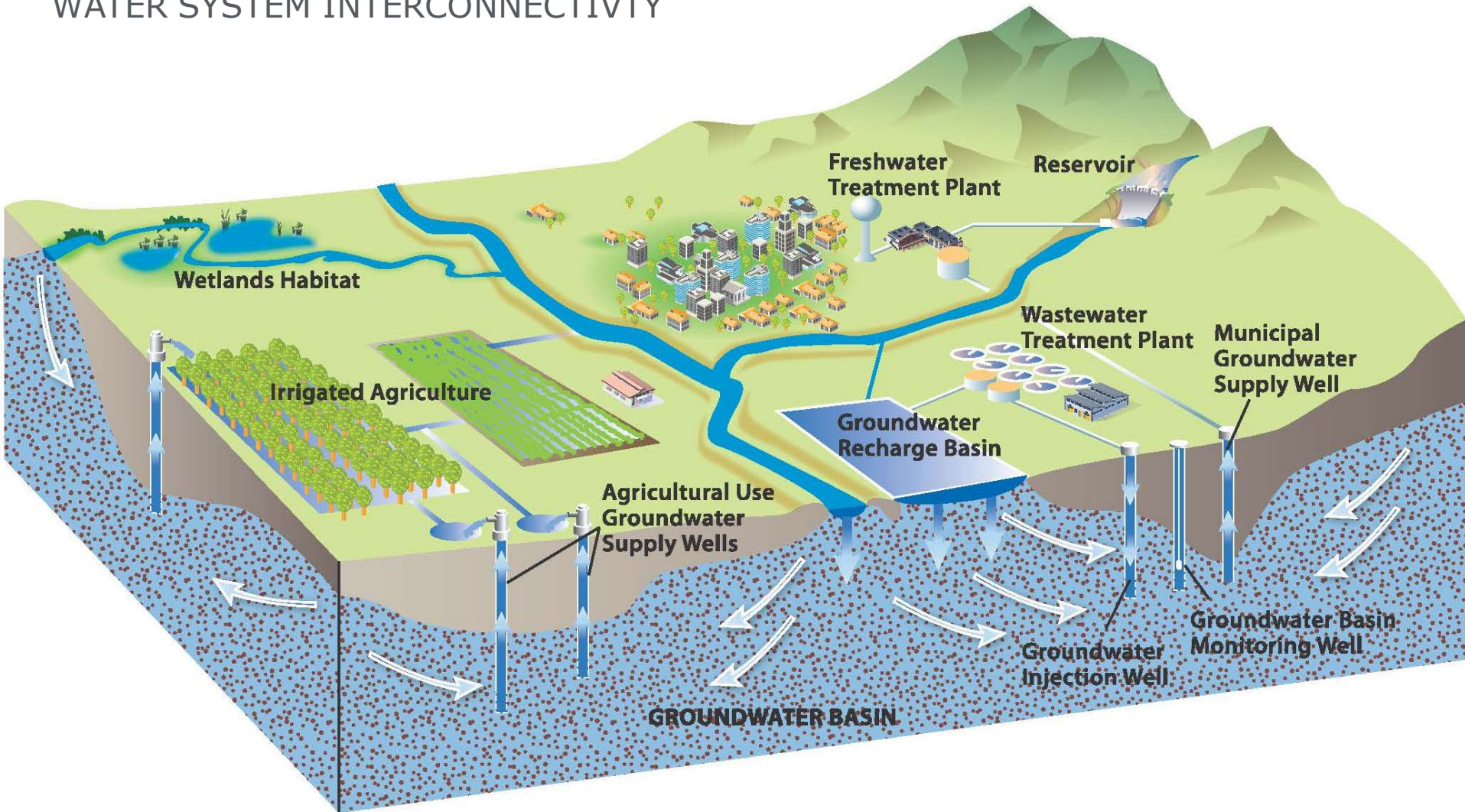
Do not use this water for drinking.
No utilice esta agua para beber.

POR FAVOR LLEVE
UN PANELETO Y
PEGATINA



Integrated Water Management

WATER SYSTEM INTERCONNECTIVITY





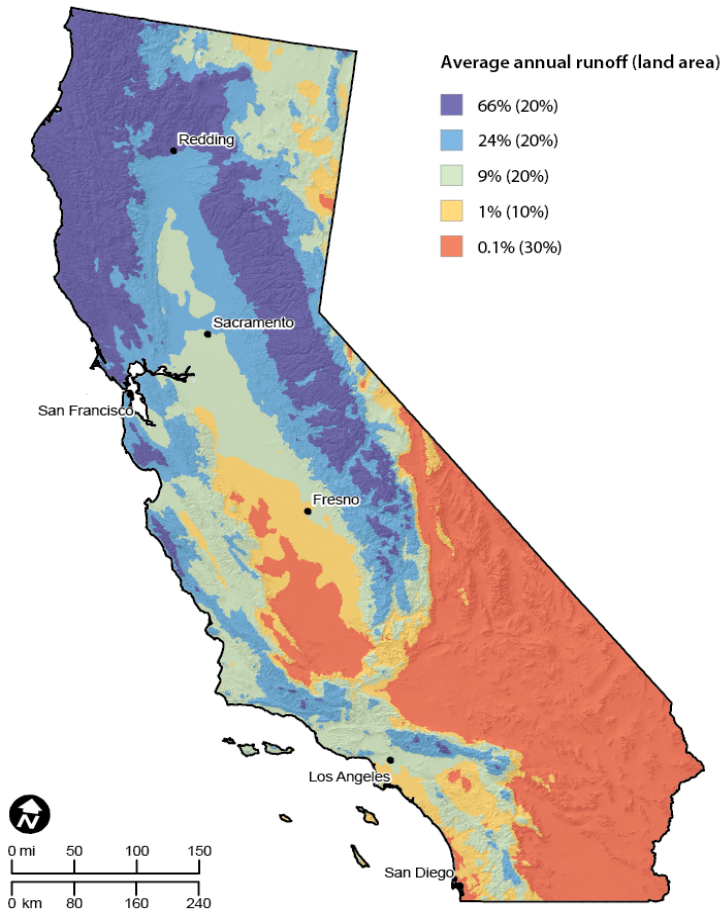
WAKE UP.

Historical Context

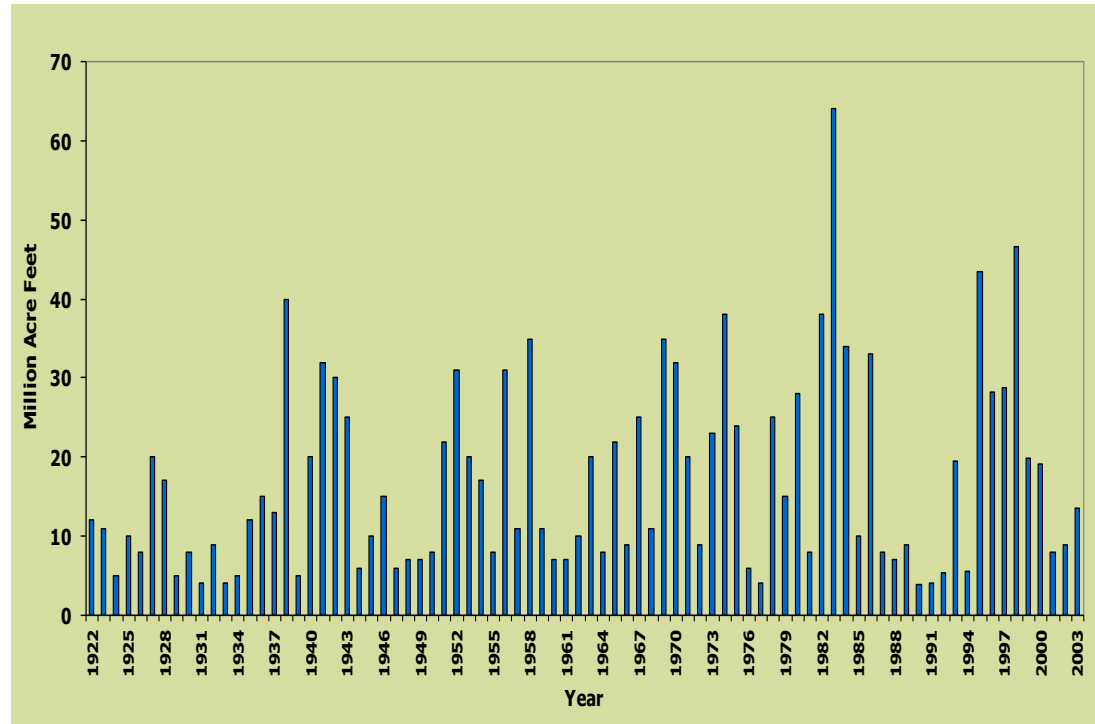
- Swamp and Overflow Act
- Central Valley Flood System
- Water System Development



Water Variability and Use



*Yearly Total Delta Outflow
(Calendar Year)*



Integrated Water Management

WATER SYSTEM INTERCONNECTIVITY

