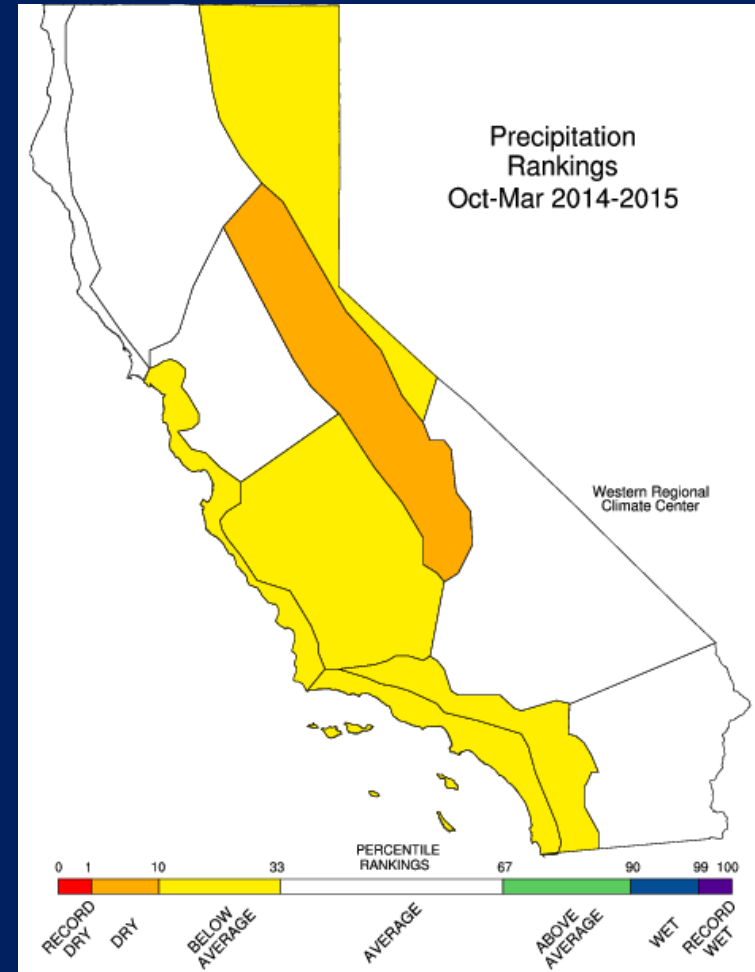
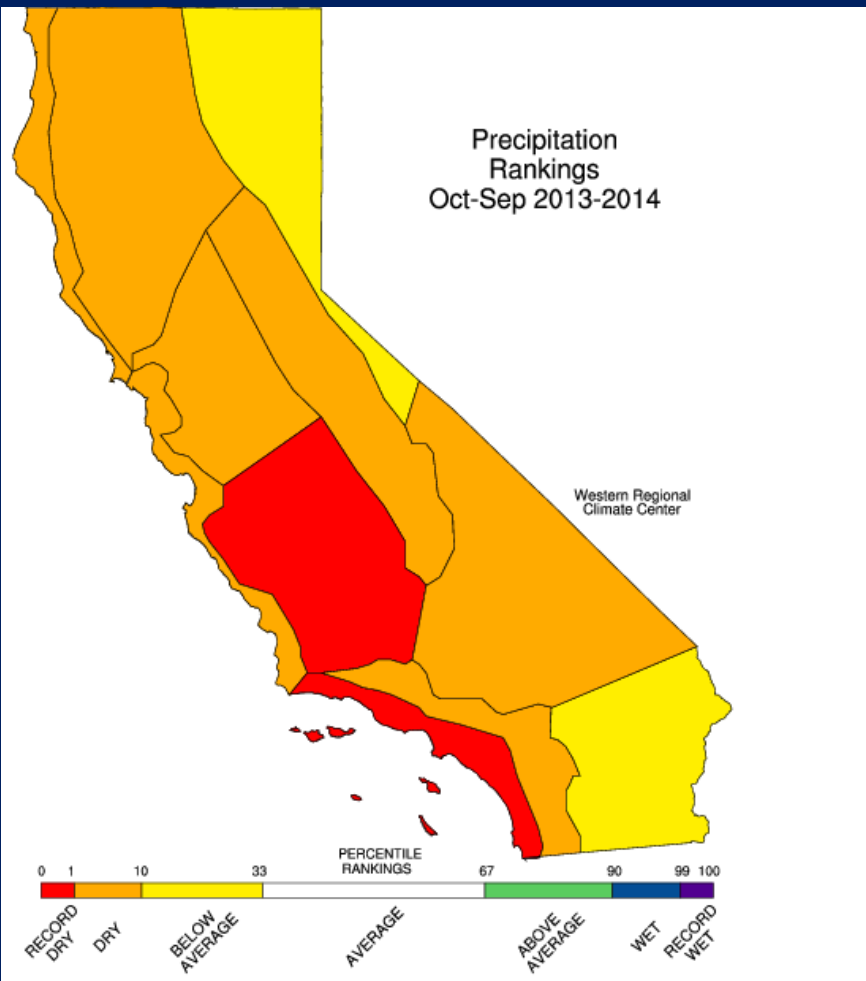
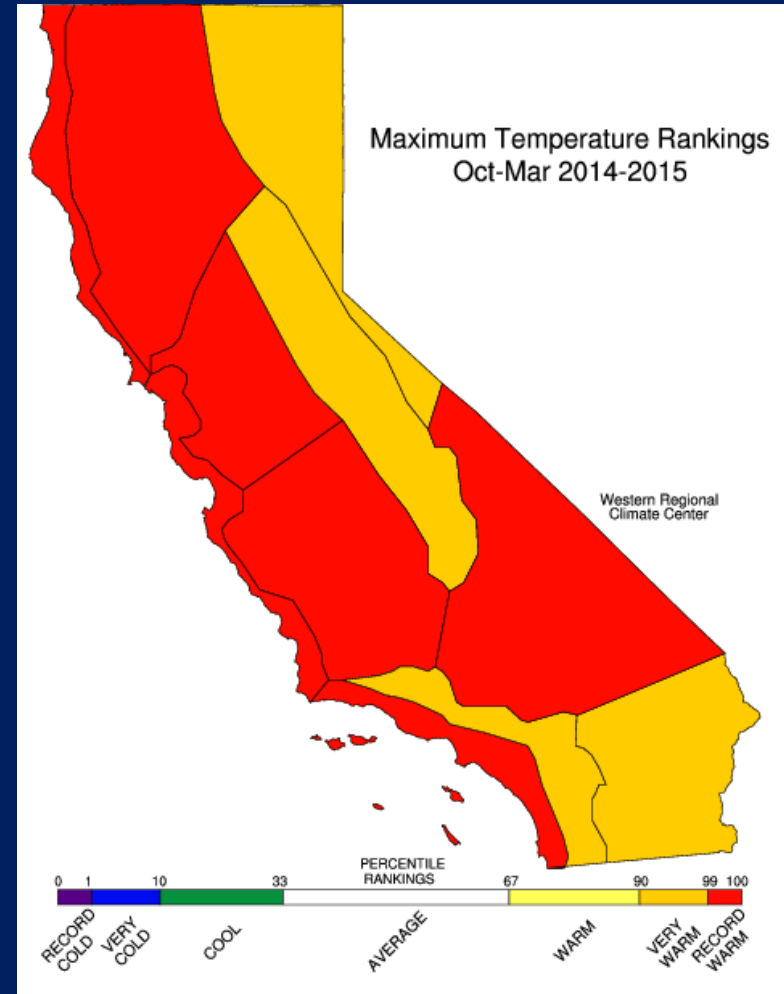
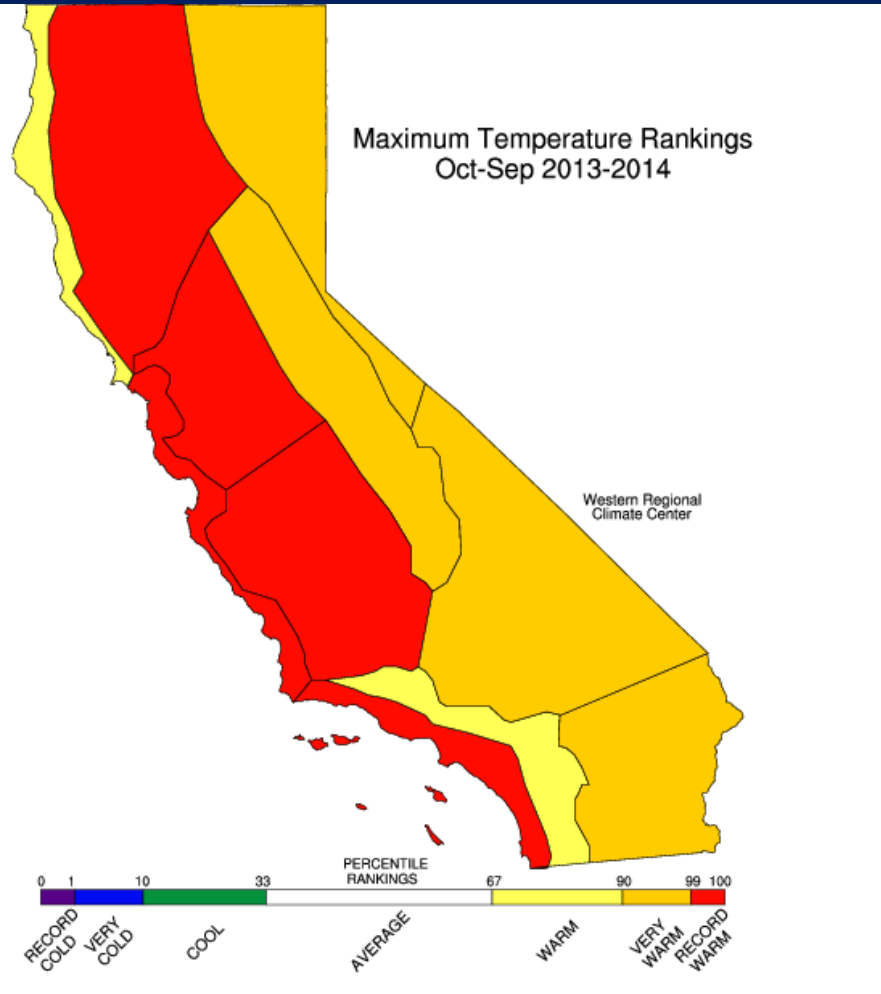


California Drought 2015

Western Region Climate Center's CA Climate Tracker

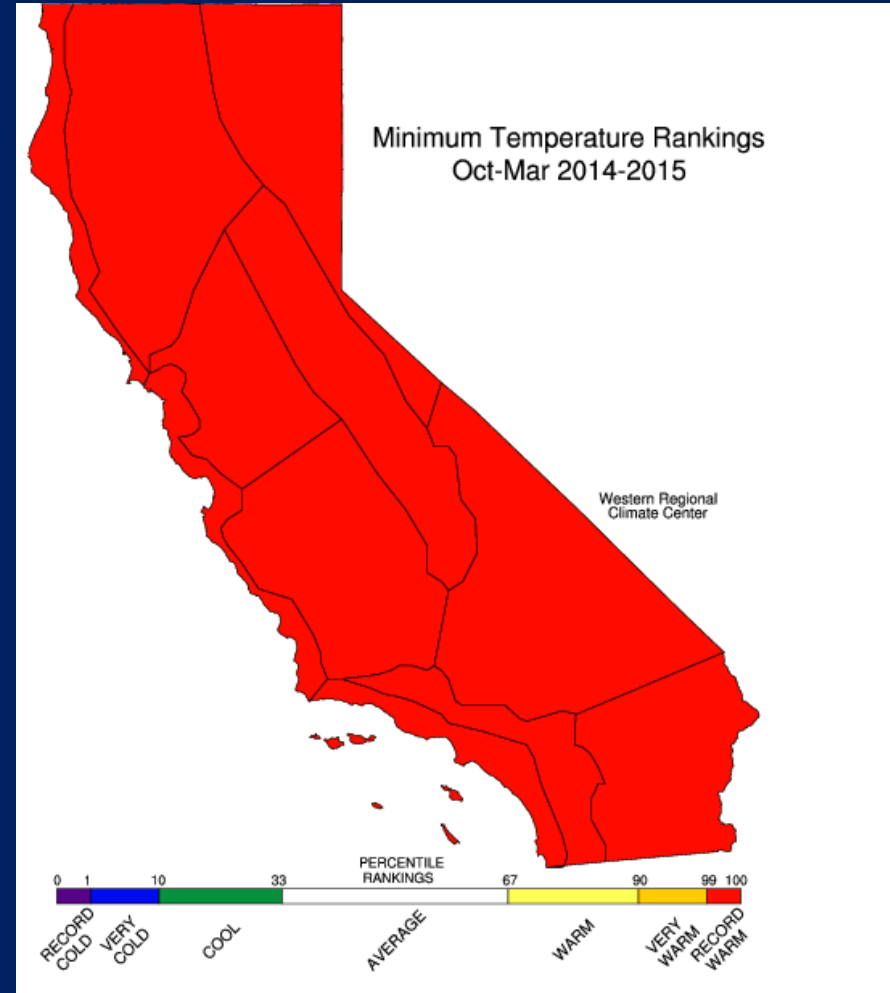
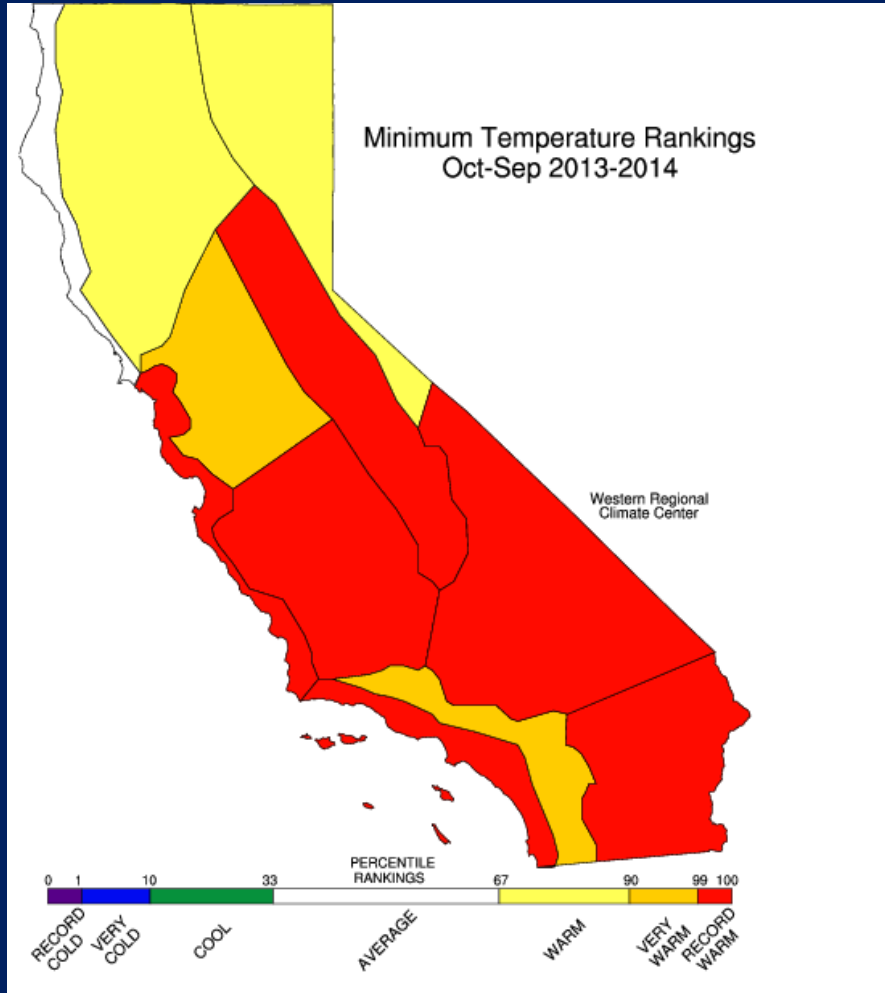


Spatial representation of temperature rankings for water year 2014



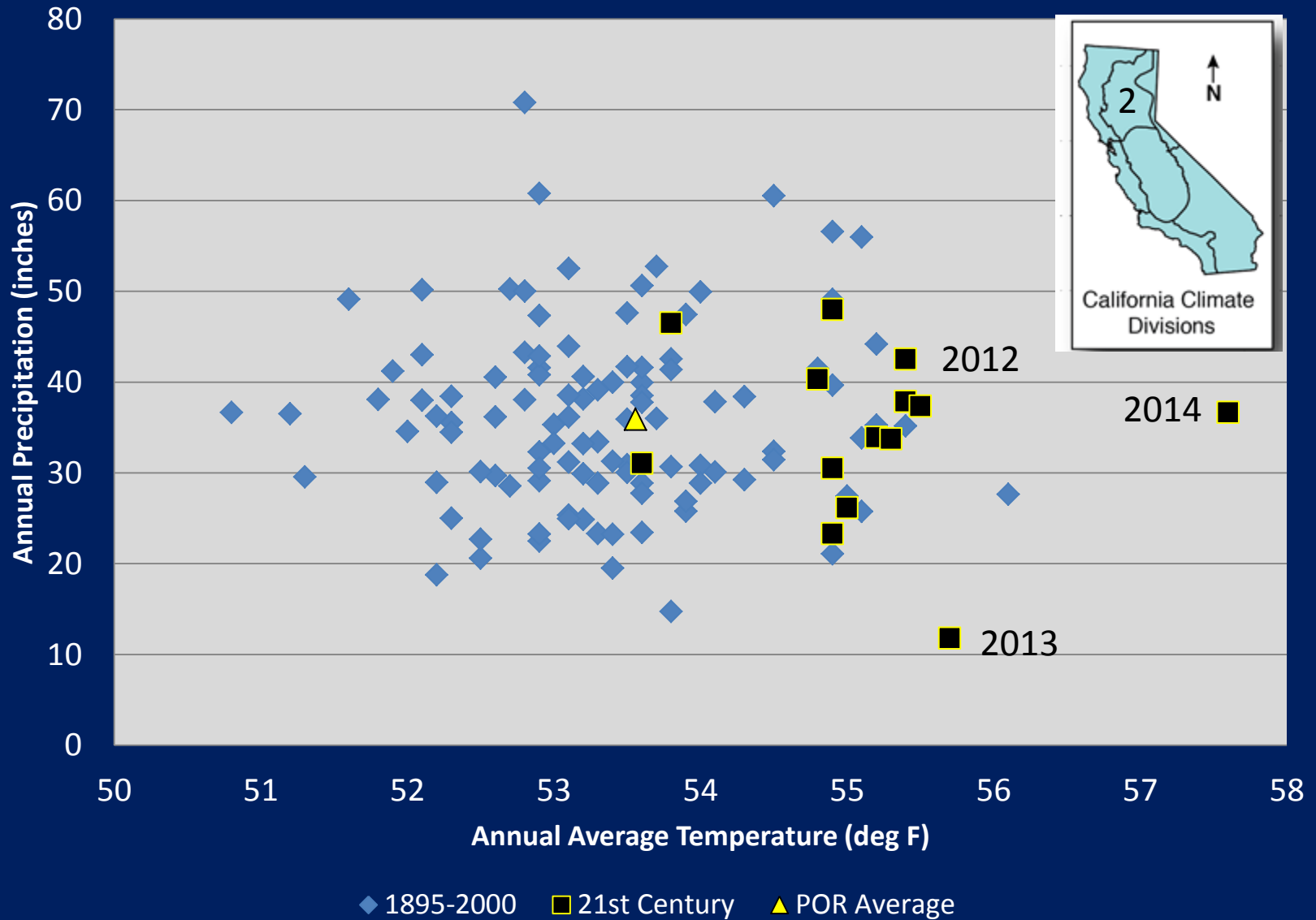
Red indicates record warmth

Spatial representation of temperature rankings for water year 2014

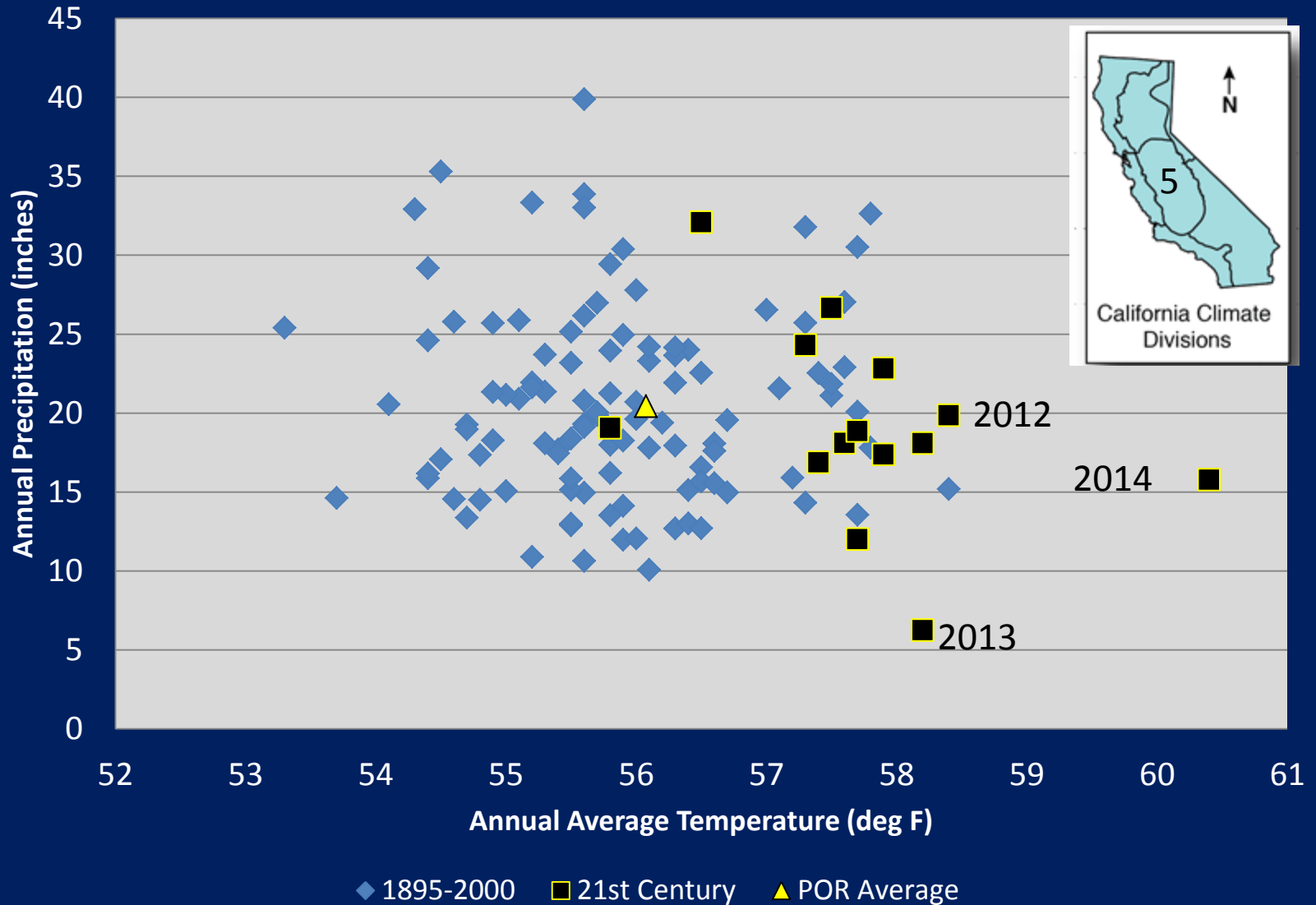


Red indicates record warmth

It's Getting Warmer



It's Getting Warmer

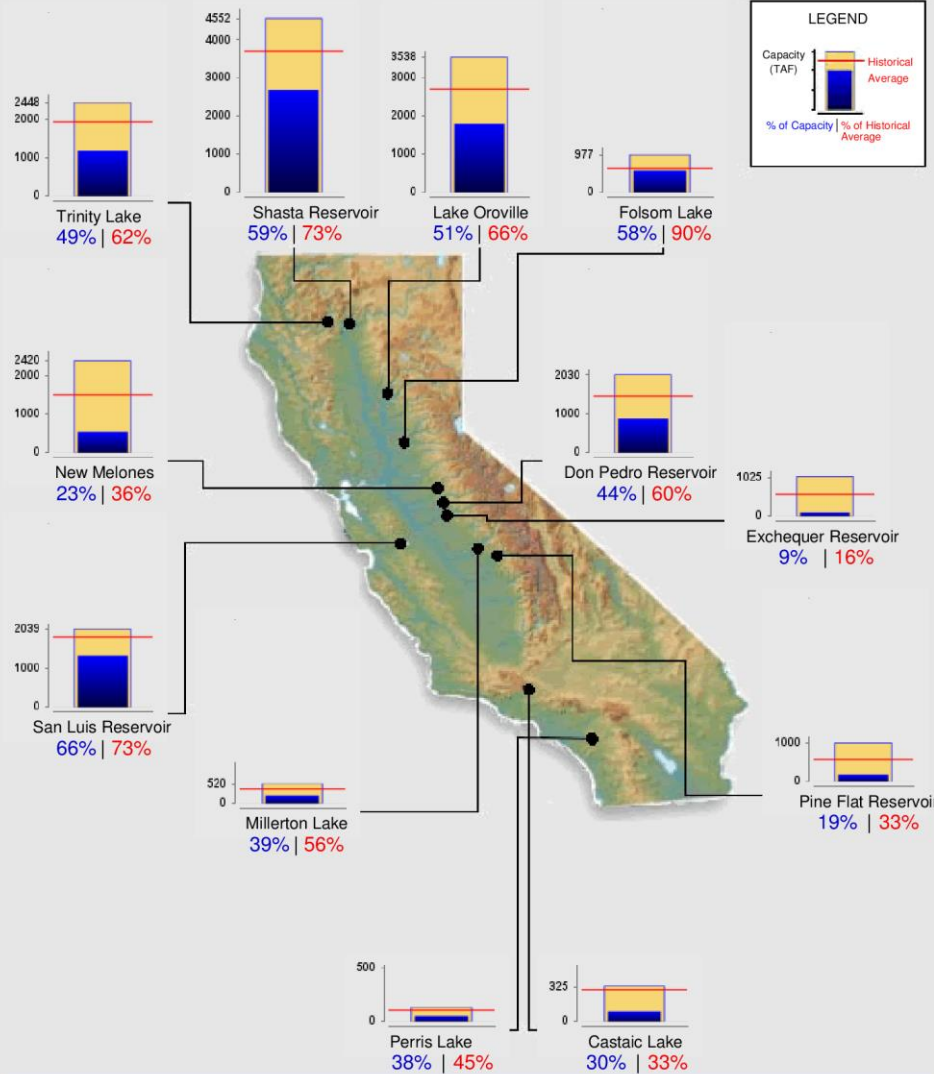




Reservoir Conditions

Ending At Midnight - April 2, 2015

CURRENT RESERVOIR CONDITIONS





Statewide Summary of Snow Water Content

Current Regional Snowpack from Automated Snow Sensors

% of April 1 Average / % of Normal for This Date



Statewide Average: 5% / 5%

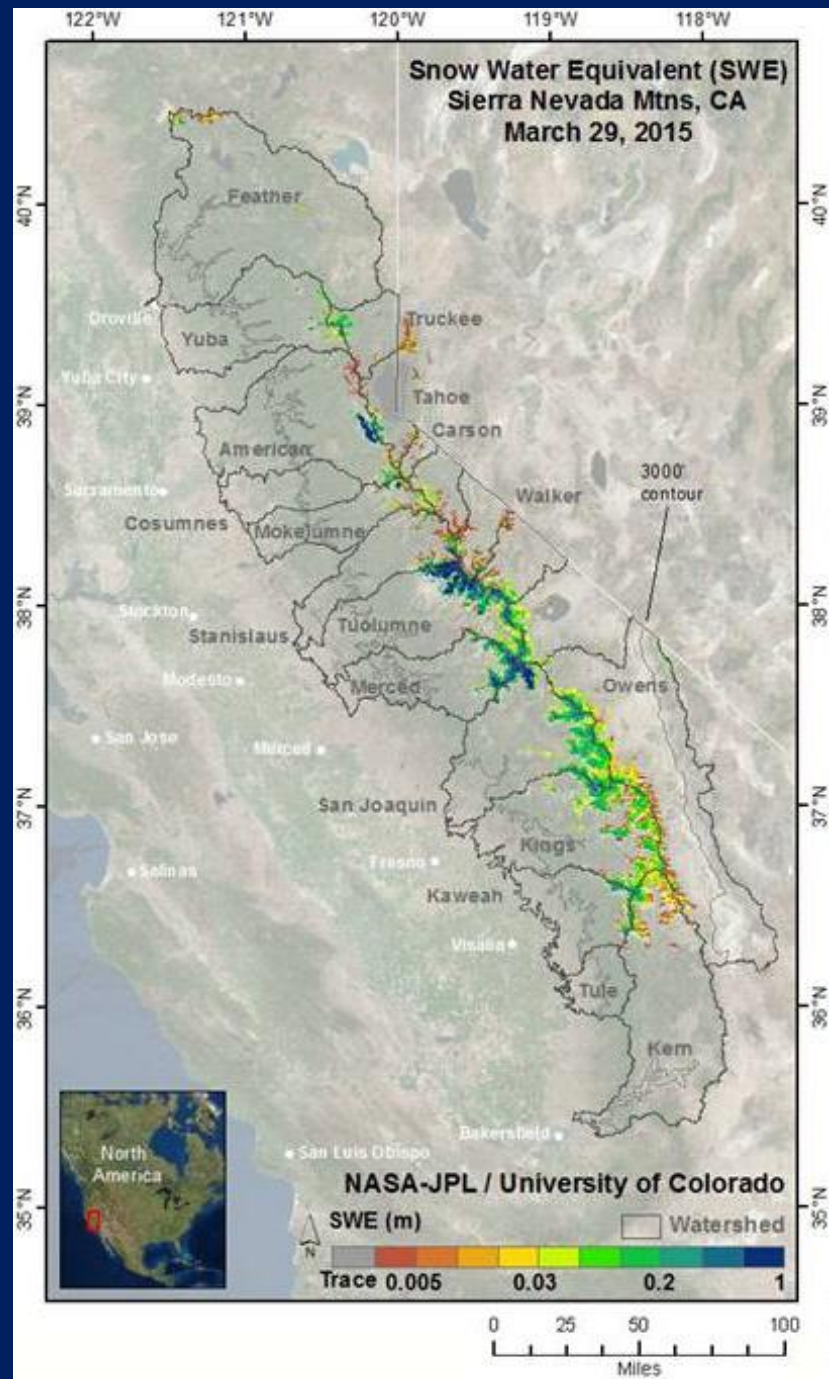
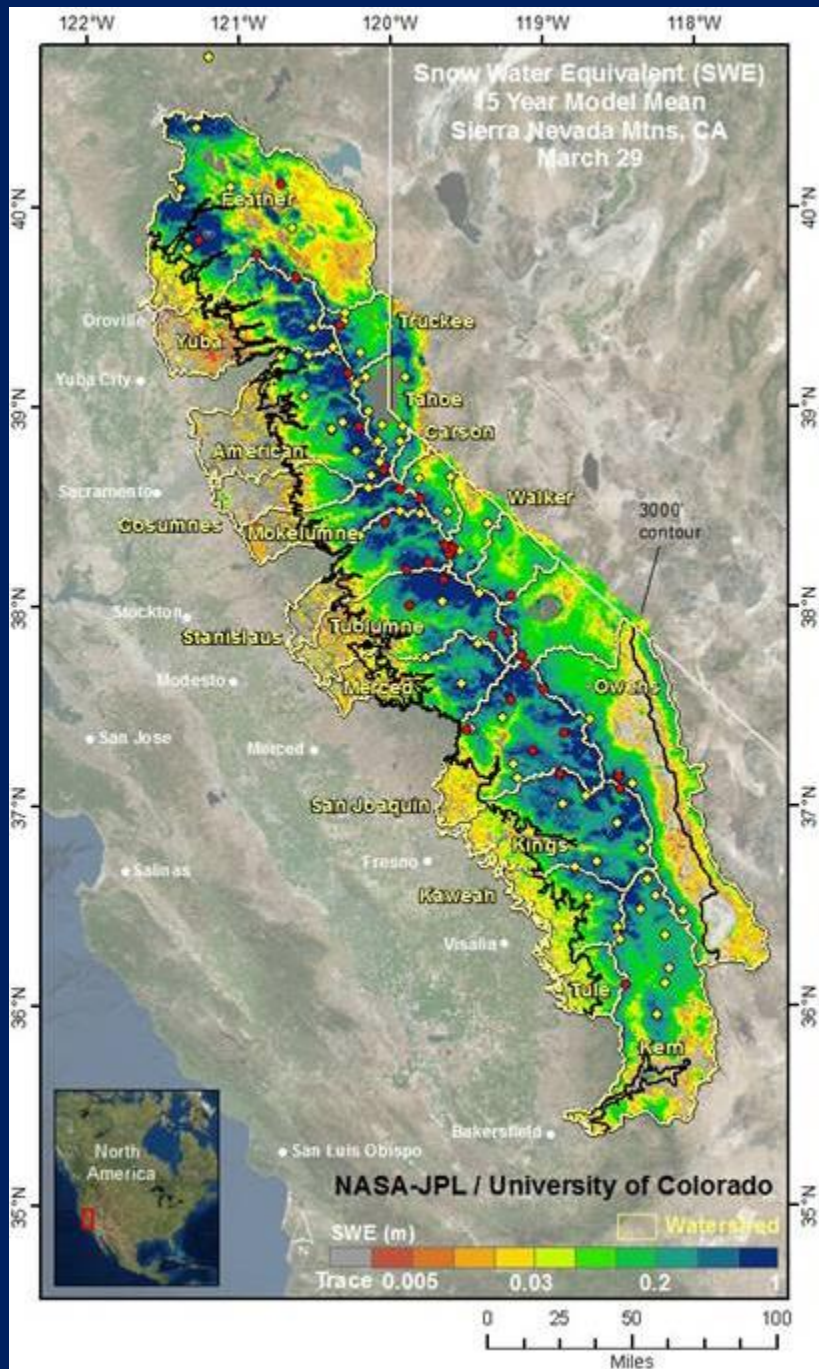
| NORTH | |
|--|-----|
| Data as of April 1, 2015 | |
| Number of Stations Reporting | 31 |
| Average snow water equivalent (Inches) | 1.4 |
| Percent of April 1 Average (%) | 5 |
| Percent of normal for this date (%) | 5 |

| CENTRAL | |
|--|-----|
| Data as of April 1, 2015 | |
| Number of Stations Reporting | 42 |
| Average snow water equivalent (Inches) | 1.5 |
| Percent of April 1 Average (%) | 5 |
| Percent of normal for this date (%) | 5 |

| SOUTH | |
|--|-----|
| Data as of April 1, 2015 | |
| Number of Stations Reporting | 24 |
| Average snow water equivalent (Inches) | 1.3 |
| Percent of April 1 Average (%) | 5 |
| Percent of normal for this date (%) | 5 |

| STATE | |
|--|-----|
| Data as of April 1, 2015 | |
| Number of Stations Reporting | 97 |
| Average snow water equivalent (Inches) | 1.4 |
| Percent of April 1 Average (%) | 5 |
| Percent of normal for this date (%) | 5 |

Data as of April 1, 2015

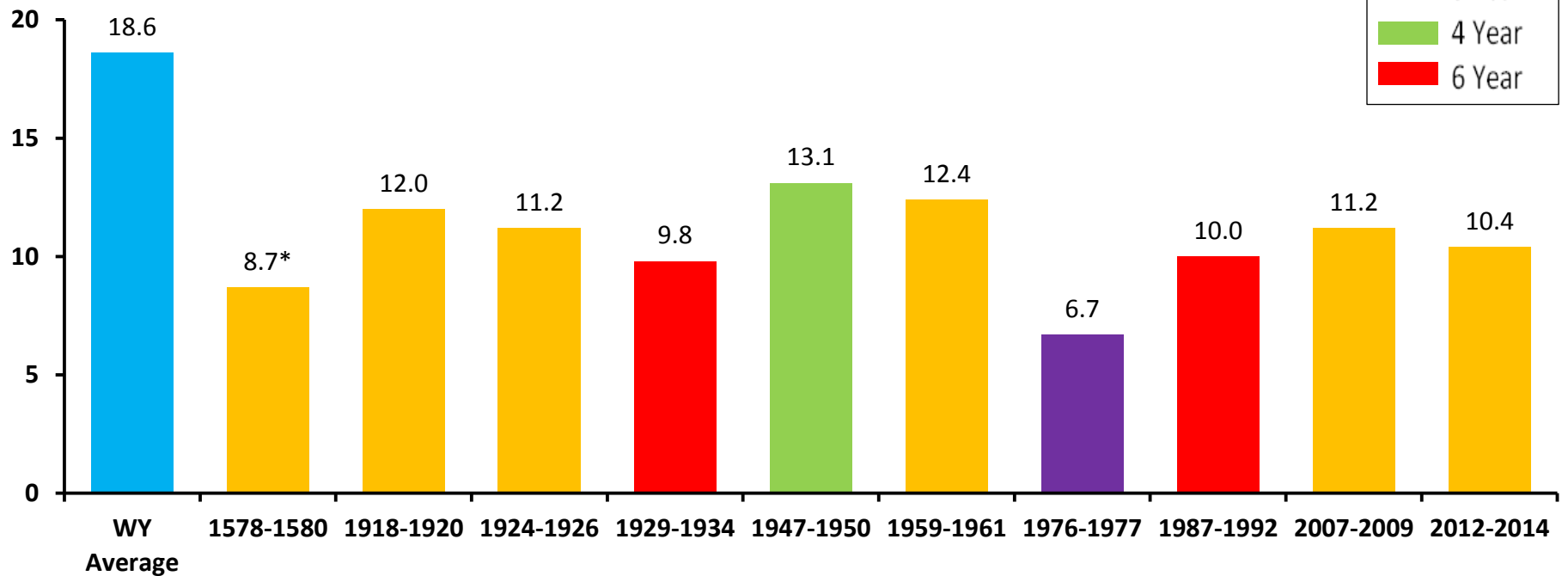


Worst April 1 Snowpacks

| | |
|------|-----------|
| 2015 | 5 percent |
| 2014 | 25 |
| 1977 | 25 |
| 1988 | 29 |
| 1976 | 37 |
| 2007 | 39 |
| 2013 | 42 |
| 1963 | 45 |
| 1990 | 45 |
| 1994 | 52 |
| 2012 | 52 |

COMPARISON WITH PREVIOUS DROUGHTS

Average Annual Drought Period Runoff in Million Acre-Feet



SACRAMENTO FOUR RIVER RUNOFF

* From tree rings

Comparison of Runoff – Sacramento

| | | | |
|--------------|---------|---------|-------|
| 21st Century | Oct-Mar | Apr-Jul | WY |
| Max | 18.06 | 13.09 | 32.09 |
| Average | 8.66 | 6.08 | 15.48 |
| Min | 4.29 | 2.6 | 7.47 |
| 1923-1940 | Oct-Mar | Apr-Jul | WY |
| Max | 17.96 | 12.93 | 31.83 |
| Average | 7.63 | 5.87 | 14.13 |
| Min | 3.27 | 1.94 | 5.74 |

Units are Million Acre-Feet

Comparison of WSI - Sacramento

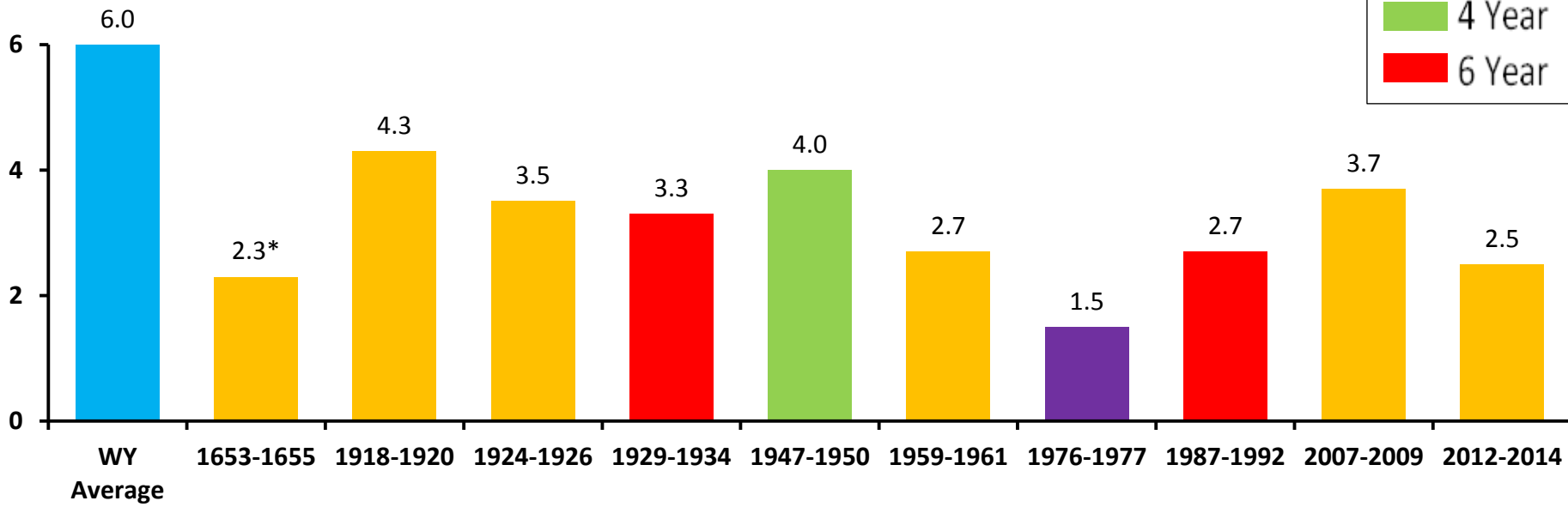
| Water Year Type | 1924-1938 | 21st Century |
|-----------------|-----------|--------------|
| W | 2 | 2 |
| AN | 1 | 2 |
| BN | 3 | 3 |
| D | 4 | 5 |
| C | 5 | 3 |

Includes forecast of critical for 2015

COMPARISON WITH PREVIOUS DROUGHTS

Average Annual Drought Period Runoff in Million Acre-Feet

- Average
- 2 Year
- 3 Year
- 4 Year
- 6 Year



SAN JOAQUIN FOUR RIVER RUNOFF

* From tree rings

Comparison of WSI - San Joaquin

| Water Year Type | 1924-1938 | 21st Century |
|-----------------|-----------|--------------|
| W | 2 | 3 |
| AN | 4 | 1 |
| BN | 2 | 2 |
| D | 2 | 4 |
| C | 5 | 5 |

Includes forecast of critical for 2015

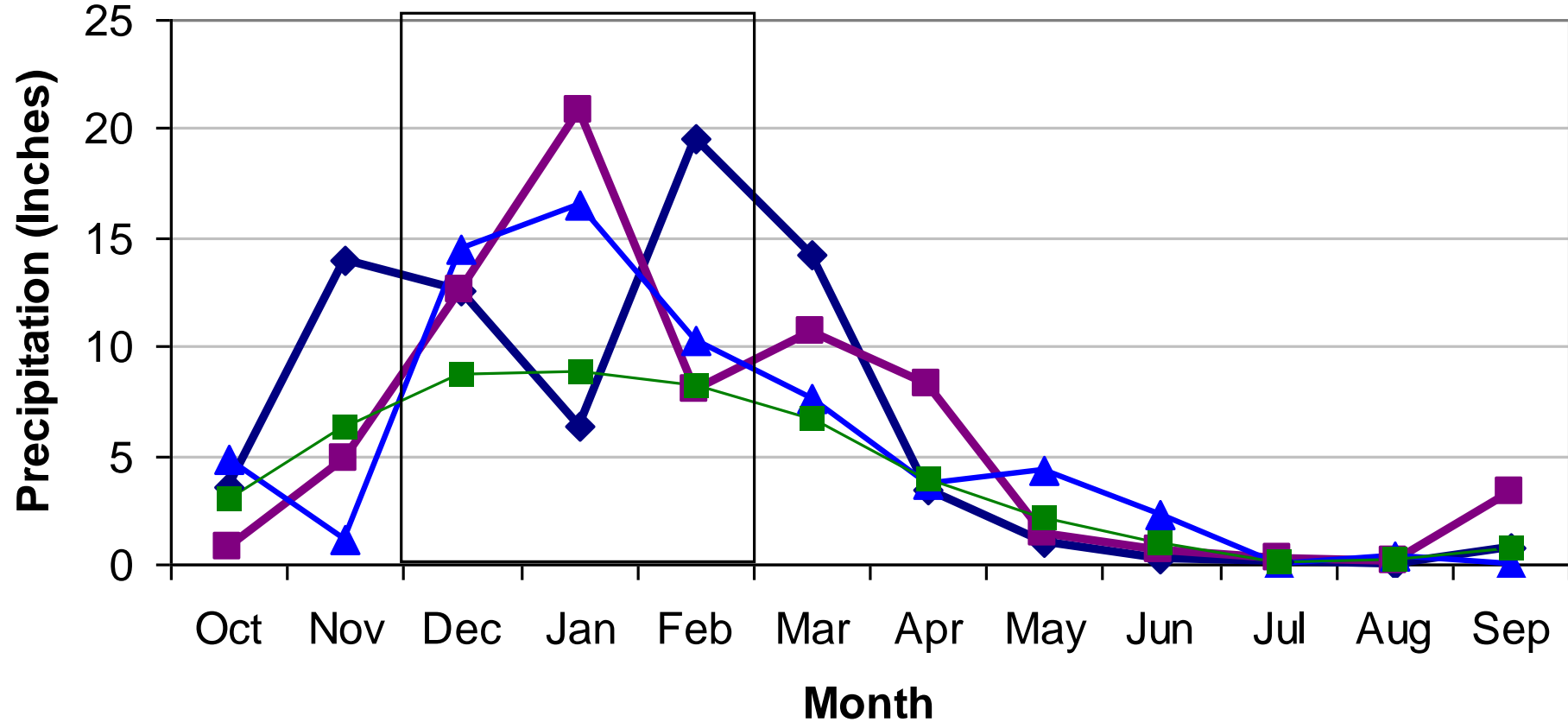
Comparison of Runoff – San Joaquin

| | | | |
|--------------|---------|---------|-------|
| 21st Century | Oct-Mar | Apr-Jul | WY |
| Max | 3.68 | 7.37 | 10.99 |
| Average | 1.55 | 3.41 | 5.08 |
| Min | 0.46 | 1.21 | 1.72 |
| 1924-1938 | Oct-Mar | Apr-Jul | WY |
| Max | 3.58 | 7.33 | 11.24 |
| Average | 1.33 | 3.38 | 4.80 |
| Min | 0.45 | 1.03 | 1.5 |

Units are Million Acre-Feet

Ending a 20th Century Drought –

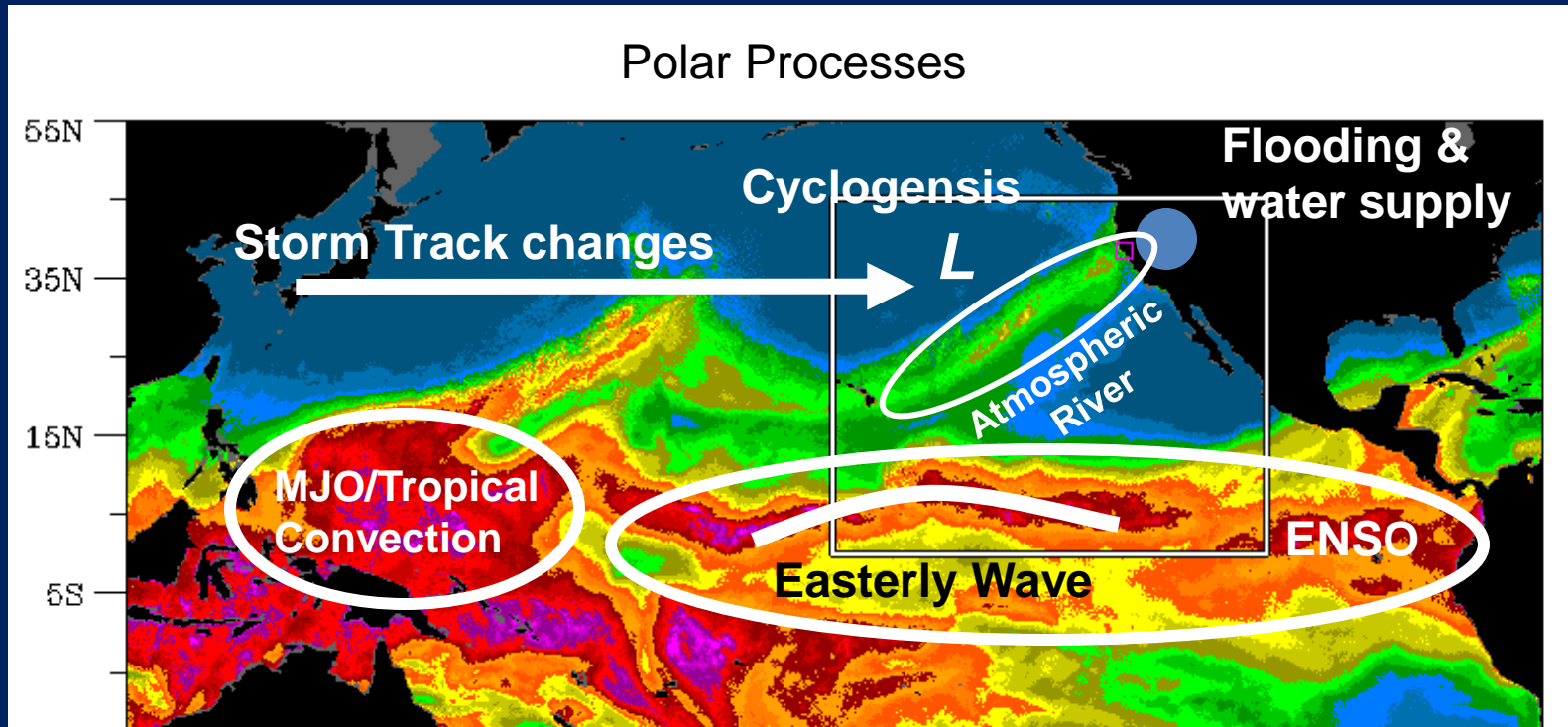
8-Station Index



April 1 SWE % 152% 157%

| | | | |
|--------|--------|--------|-----------|
| ◆ 1938 | ■ 1978 | ▲ 1993 | ■ Average |
|--------|--------|--------|-----------|

Key Phenomena Affecting California Water Supply/Flooding:



The size of the AR results from the alignment of key processes

The absence of AR activity important to drought

An aerial photograph of a vast mountain range, likely the Sierra Nevada in California. The terrain is rugged and layered, with various peaks and valleys. The lighting is soft, suggesting either dawn or dusk, with a blueish tint to the sky and the lower parts of the mountains. The word "Questions?" is written in a bright yellow, sans-serif font, centered in the middle of the image.

Questions?

Email: Michael.L.Anderson@water.ca.gov