

Cumulative local rainfall (12.24 in.) is 80% higher than last year (6.8 in.)



Zone 7 will receive a 20% allocation from the State Water Project

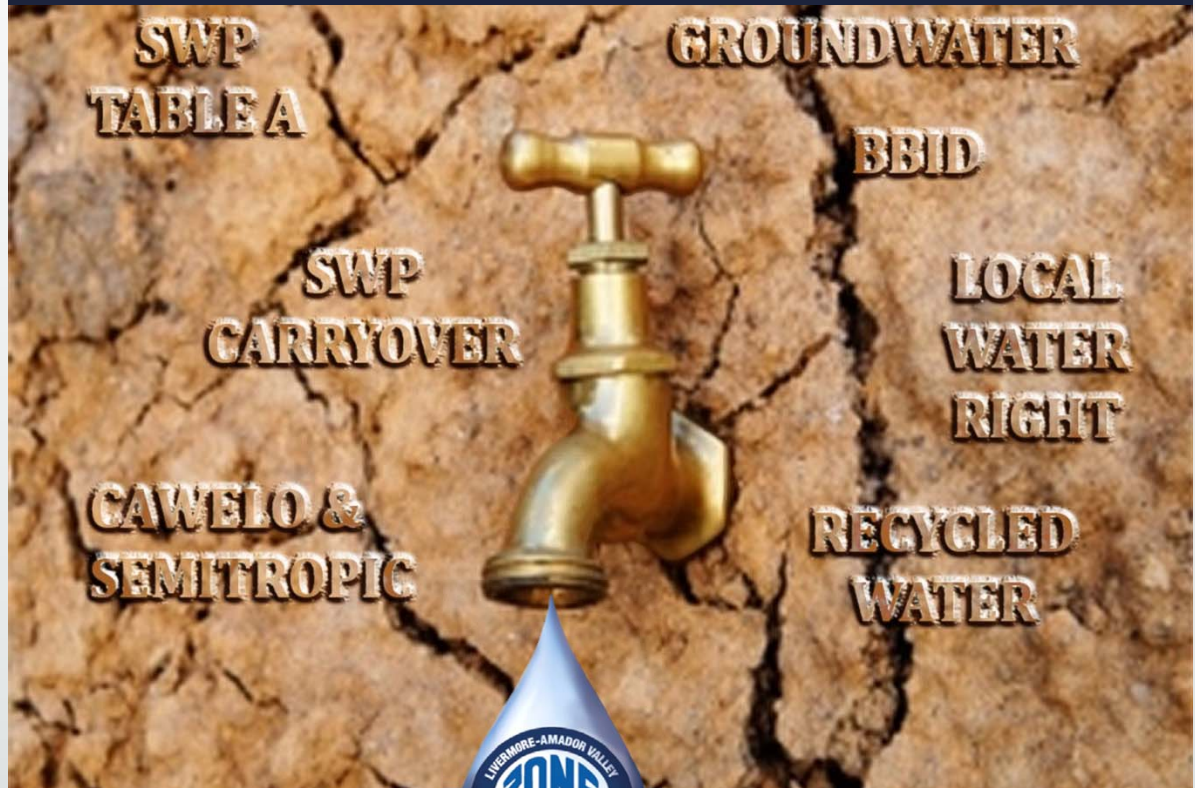


Zone 7 has access to drought storage in Kern County



Zone 7 can provide 100% of requested deliveries in 2015, and 96% next year even if there is no conservation in 2015 and the drought worsens

Local Water Matters

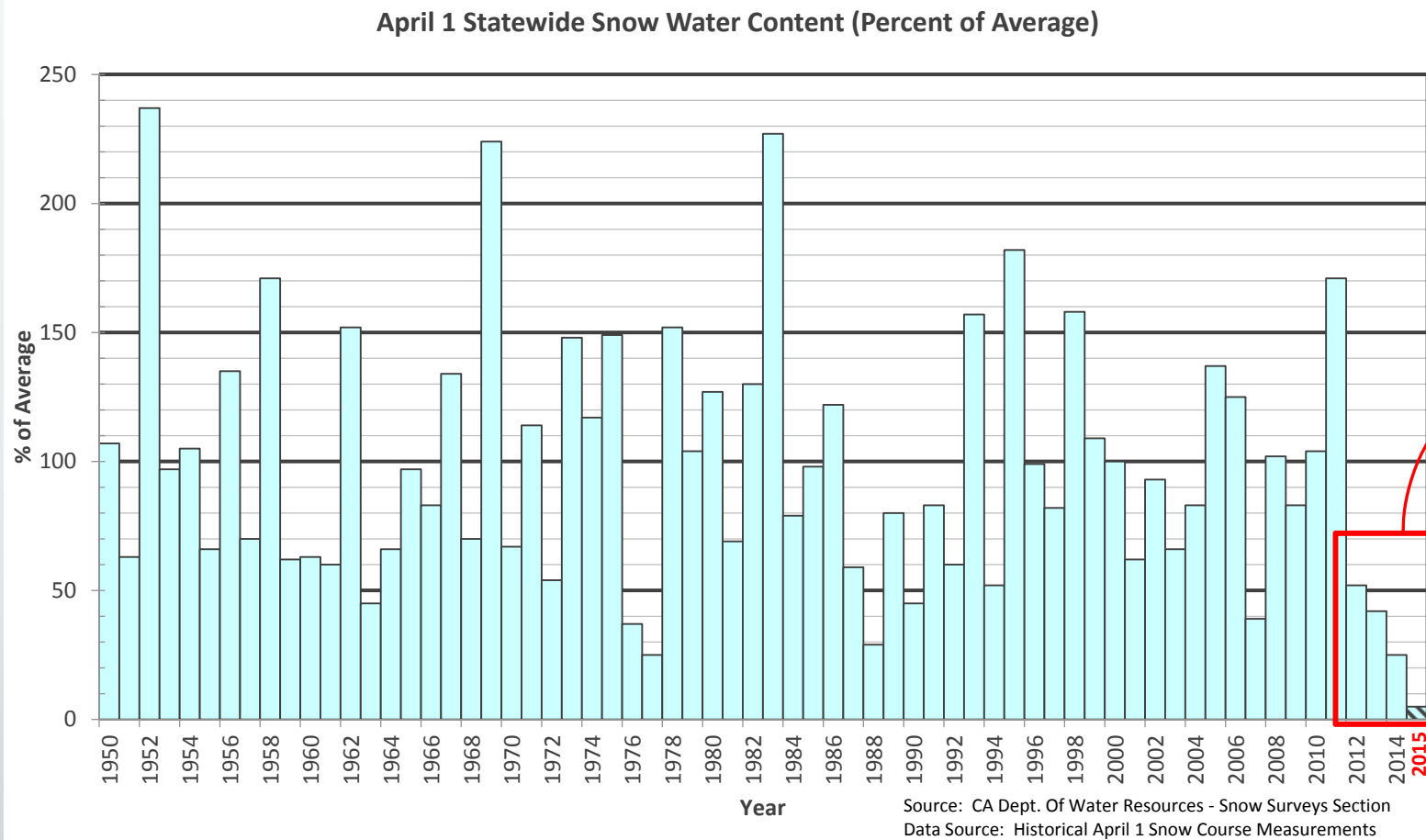


Alameda Creek Watershed Form | Annual Conference
May 28, 2015

Why is the State calling it a four drought?



1. Sierra Nevada Snow Pack: April 1st Statewide Snow Water Content, % of Average



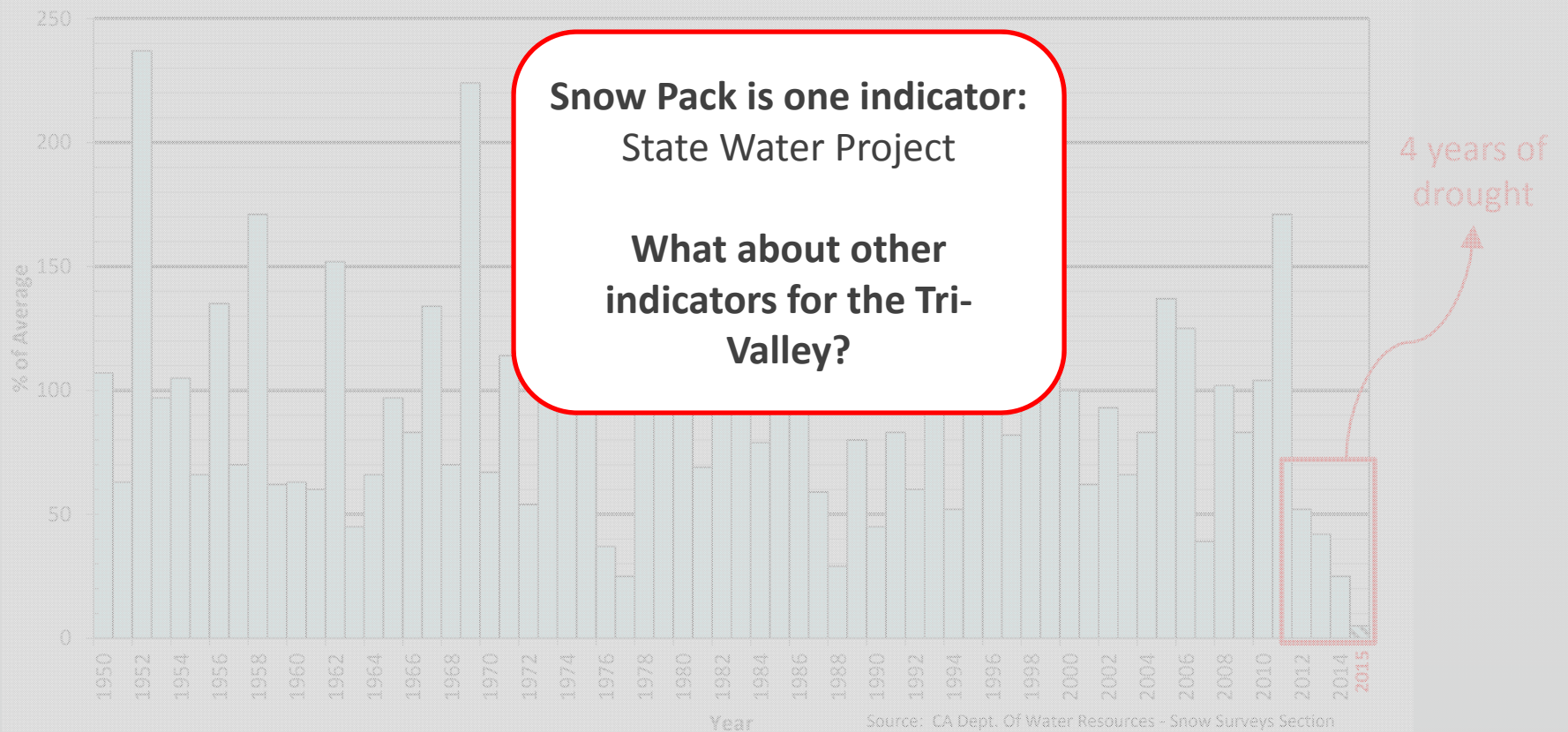
4 years of drought

Why is the State calling it a four drought?



1. Sierra Nevada Snow Pack: April 1st Statewide Snow Water Content, % of Average

April 1 Statewide Snow Water Content (Percent of Average)

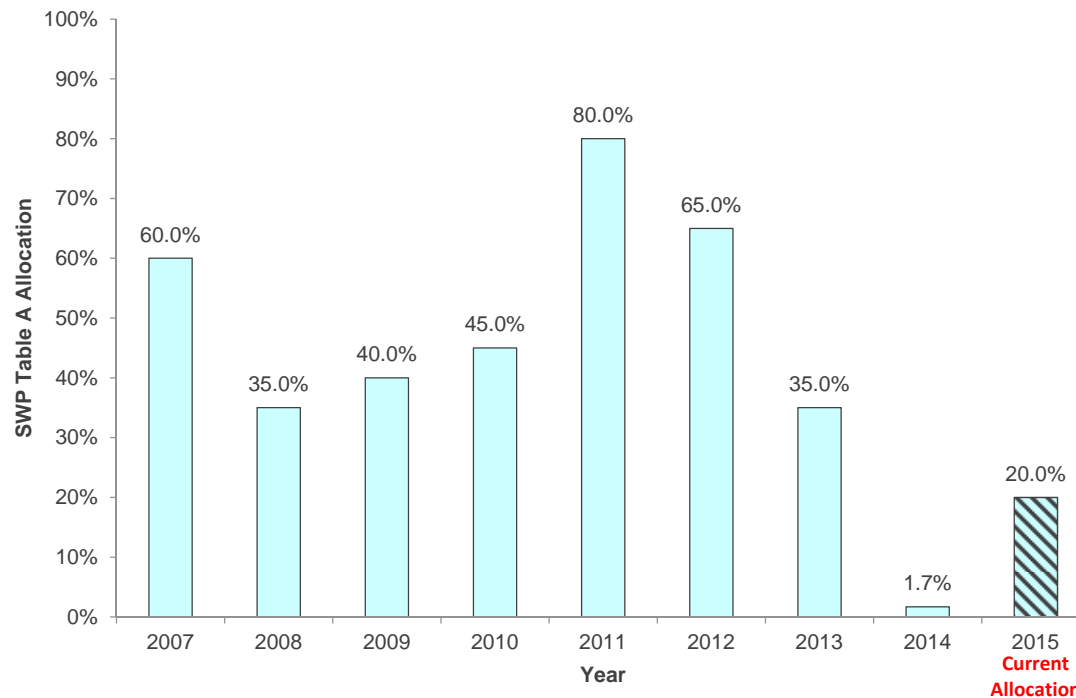


Multiple Indicators – SWP Deliveries



2. Actual Allocations from the State Water Project – Last 9 Years

4th or 9th year of drought?



(a) Although the allocation in 2014 was 5%, its use was limited to September through December, effectively making it a 1.7% allocation.

Observations:

- 9-yr average allocation: **43%**
- Steep drop in allocations post 2011
- 2014 was the lowest allocation in history: **1.7% (5% from Sep to Dec)**

Multiple Indicators – River Indices



3. Sacramento Valley & San Joaquin River Indices – last 9 years

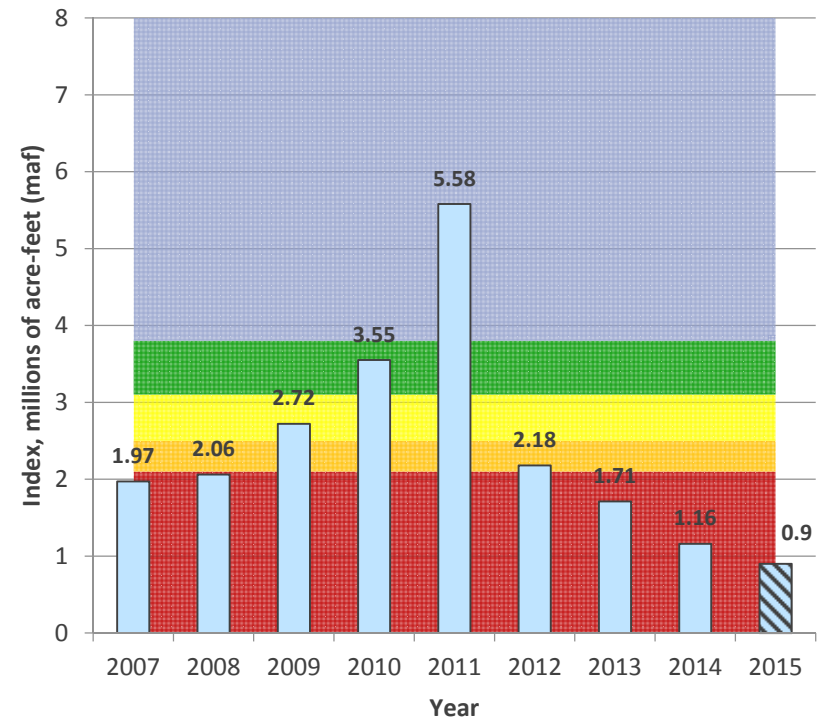
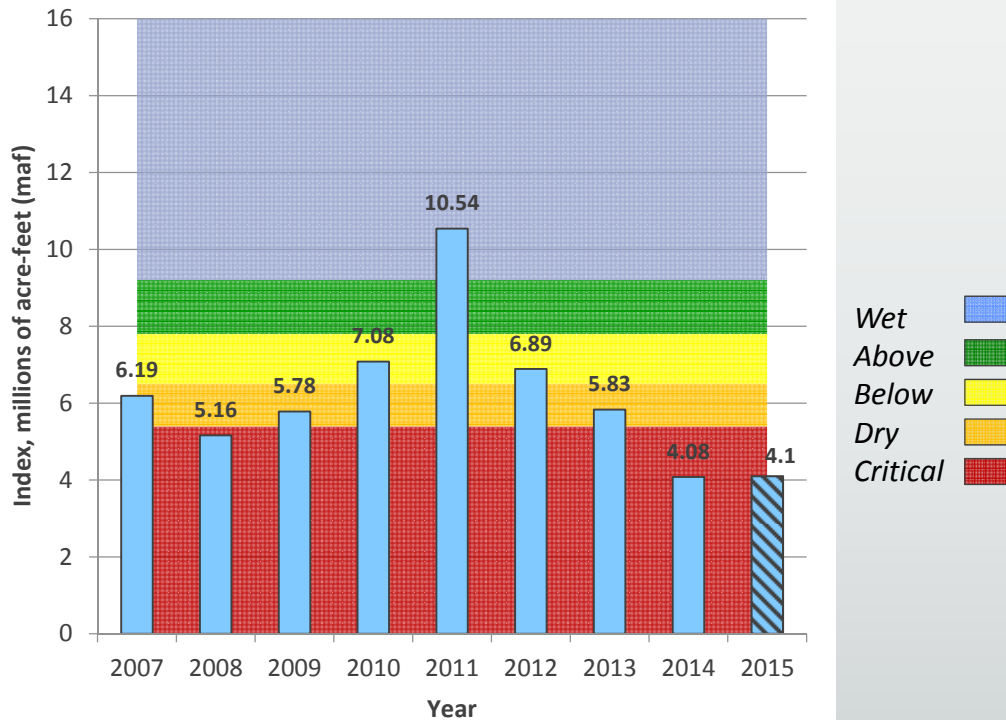
4th or 9th year of drought?

Sacramento Valley River Index:

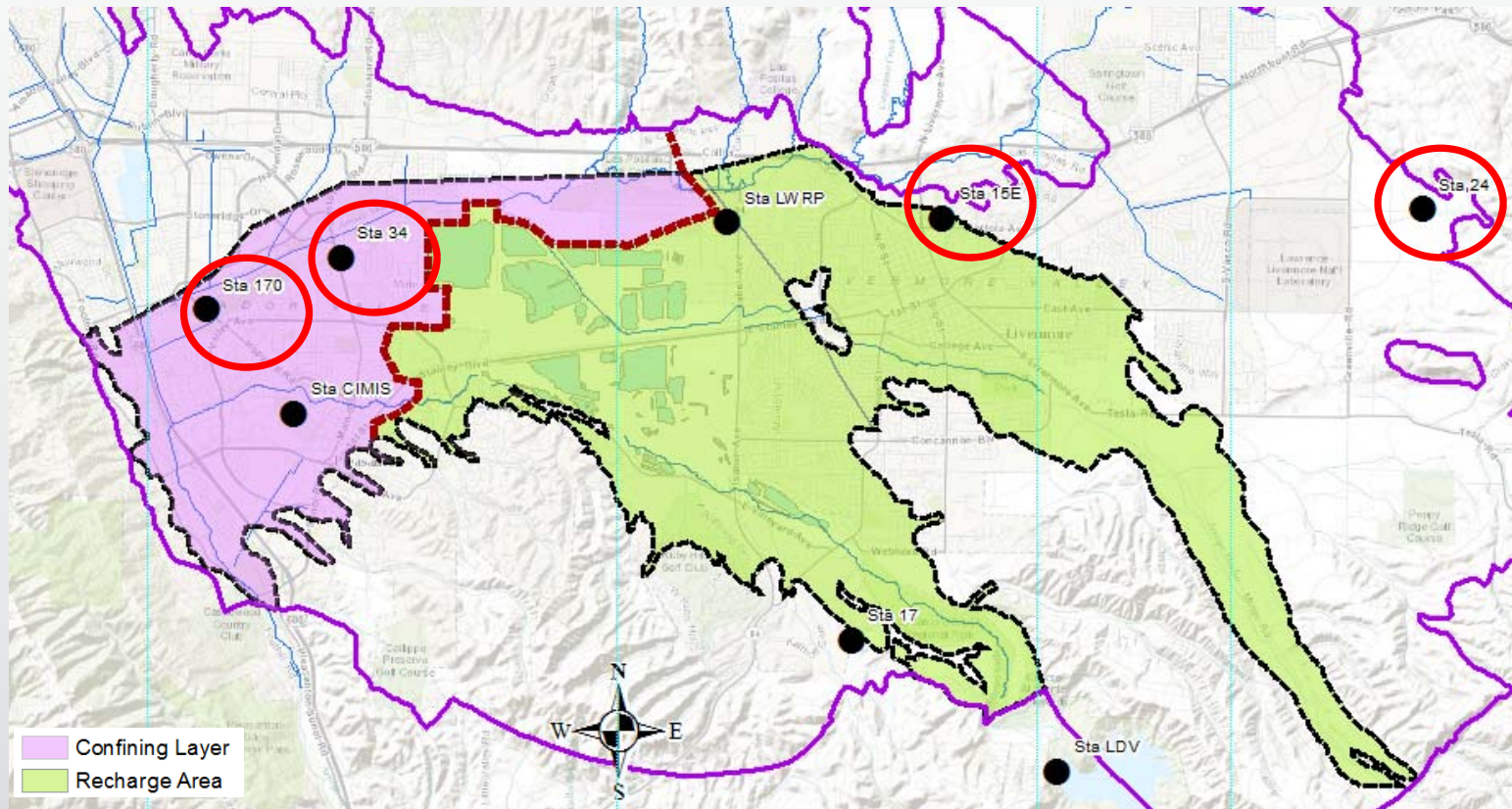
- 8 out of 9 years are below normal or worse
- 3 of the last 9 were critically dry; 2 are back to back

San Joaquin Valley River Index:

- 7 out of 9 years are below normal or worse
- 5 of the last 9 were critically dry; 3 are back to back



Multiple Indicators – Local Rainfall



Status of the Drought: Multiple Indicators

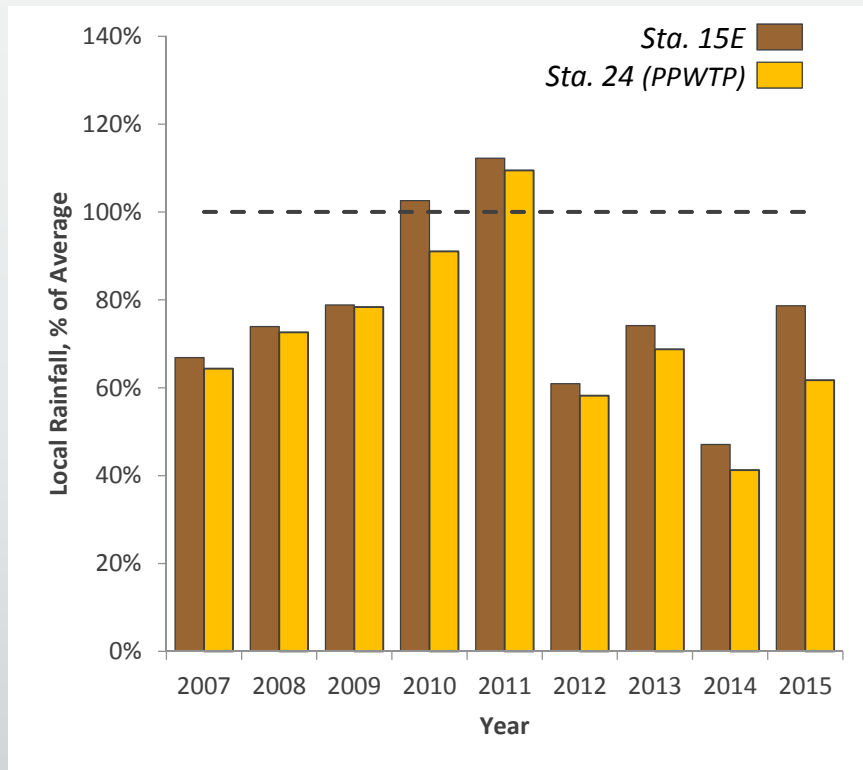


4th or 9th year of drought?

4. Local Rainfall – last 9 years

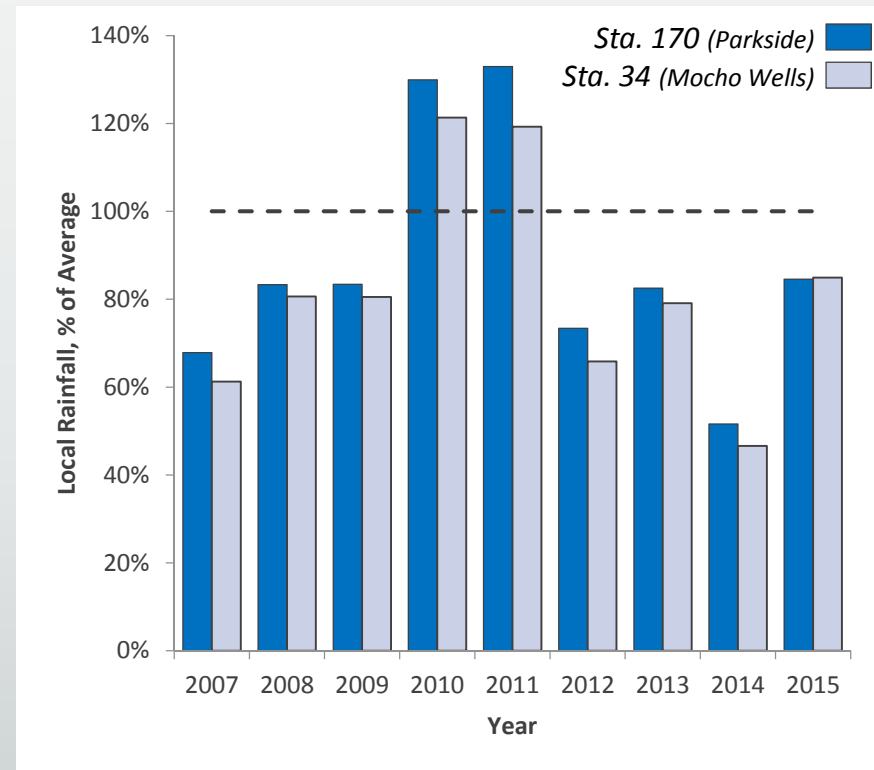
Eastern Portion of Service Area:

- *Sta. 15E: 7 out of 9 years have 20% less rainfall than average*
- *Eastern most area (PPWTP) has been extremely dry*



Western Portion of Service Area:

- *7 out of 9 years have ~20% less rainfall than average*

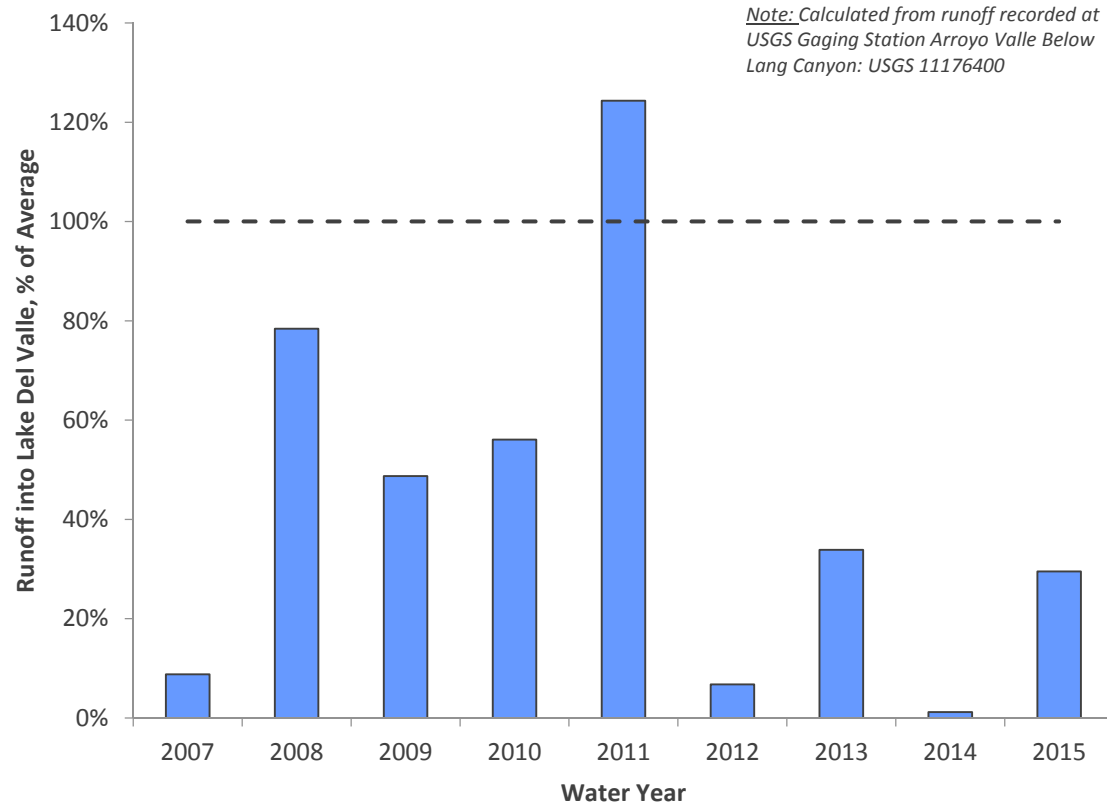


Status of the Drought: Multiple Indicators



5. Local Runoff into Lake Del Valle – last 9 years

4th or 9th year of drought?



Observations:

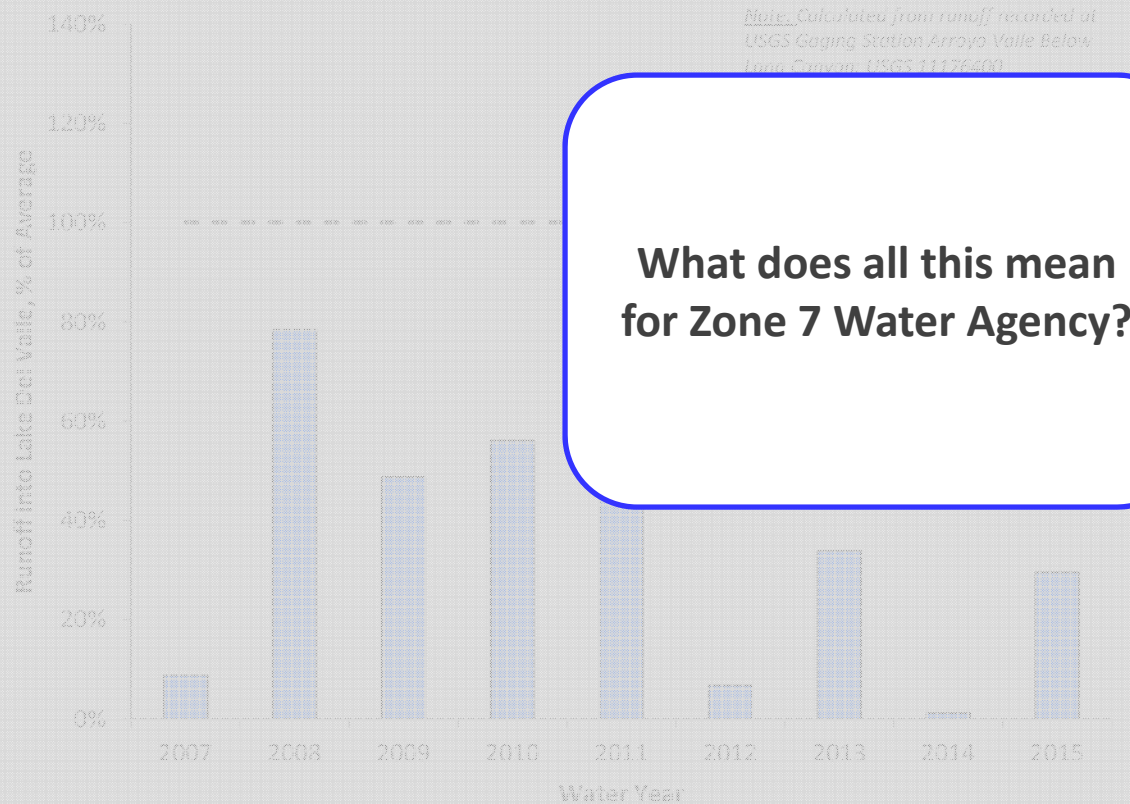
- Runoff in 8 of 9 years is well below average
- The average runoff over 9 years: **43% of Average**
- The average runoff between 2012 and 2015 is only **18% of Average**

Status of the Drought: Multiple Indicators



5. Local Runoff into Lake Del Valle – last 9 years

4th or 9th year of drought?



**What does all this mean
for Zone 7 Water Agency?**

Observations:

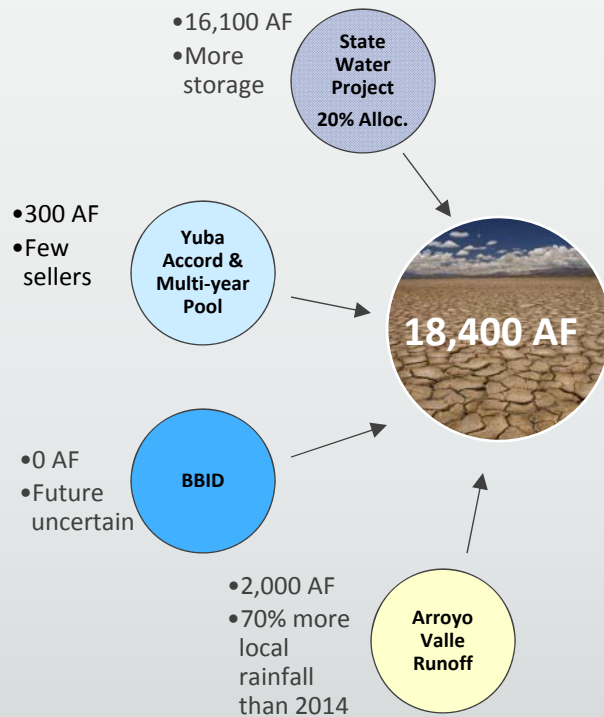
- Runoff in 8 of 9 years is well below average
- The average runoff over 9 years: **43% of Average**
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2015 Water Supplies



2015 Contracted Supplies

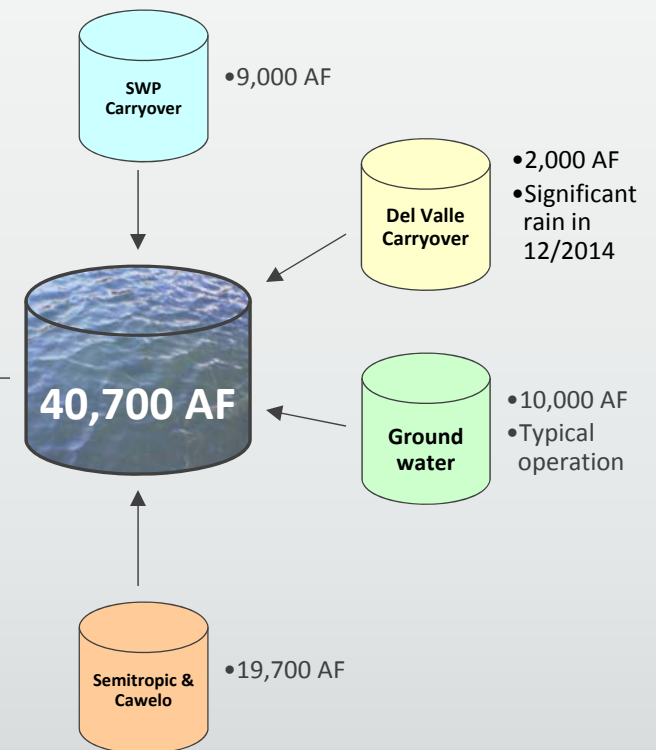
Zone 7 is expecting 18,400 AF of supply from existing contracts in 2015



Zone 7 has **59,100 AF** to meet delivery requests (46,700 AF)

2015 Storage

Zone 7 has access to 40,700 AF of storage in 2015



QUESTIONS?

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