

Outreach

C4G

- ◇ Ready to Launch Updated Program
- ◇ Application will be made available in English and Spanish
- ◇ First Come First Serve Basis
- ◇ Ceiling capped at \$3,000 per household
- ◇ Part of same pot of money as all other rebates

Outreach Projects

- ◇ Aguapalooza
- ◇ 2nd Water Summit
- ◇ PWD Treatment Plant Tours
- ◇ Presentations to Community Organizations
- ◇ Engage Schools in Water Information
- ◇ Marketing District
- ◇ Involve Directors

Outreach Activities

- ◇ March 2, 2016 - Read Across America – Tamrisk Elementary School 10am-2pm
- ◇ March 2, 2016 – GAVAR Presentation
- ◇ March 4, 2016 – Kiwanis Club Meeting – Presentation 12pm
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- ◇ March 24, 2016 – Award Ceremony for Video Contest – Brookings Institute, Ventura 6pm – 8pm
- ◇ April 2, 2016 – Sharon Runner Community Water Meeting – Lancaster Municipal Facility 8am – 12pm

Where are we With our water?

PWD Water Board Director Marco Henriquez
PIO/Water Conservation Director Mike McNutt



How Precious is Our Water?

- ◇ 71% of the earth is water
- ◇ 96.5% is salt water
- ◇ 3.5% of ALL water is freshwater
- ◇ Of this 3.5%, 68% is locked up in glaciers and ice (melting into ocean due to climate change)
- ◇ Of this 3.5%, 30% is underground
- ◇ Which means we have about 2% of the entire freshwater availability to get us through
- ◇ Lastly, of this 2%, 10% of a available freshwater on earth is found in the Great Lakes

What we do to our water...



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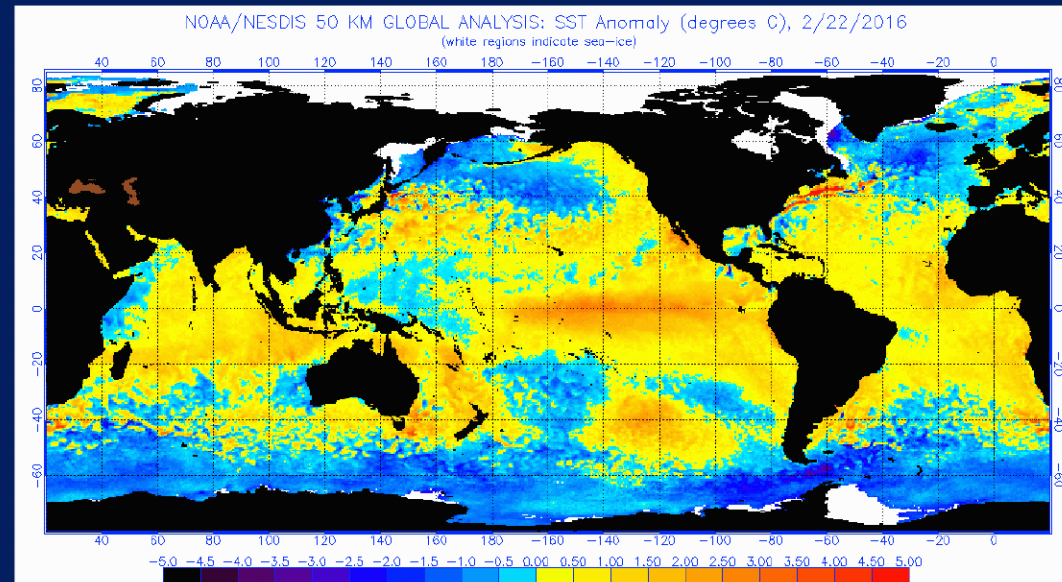


What we do to our water...

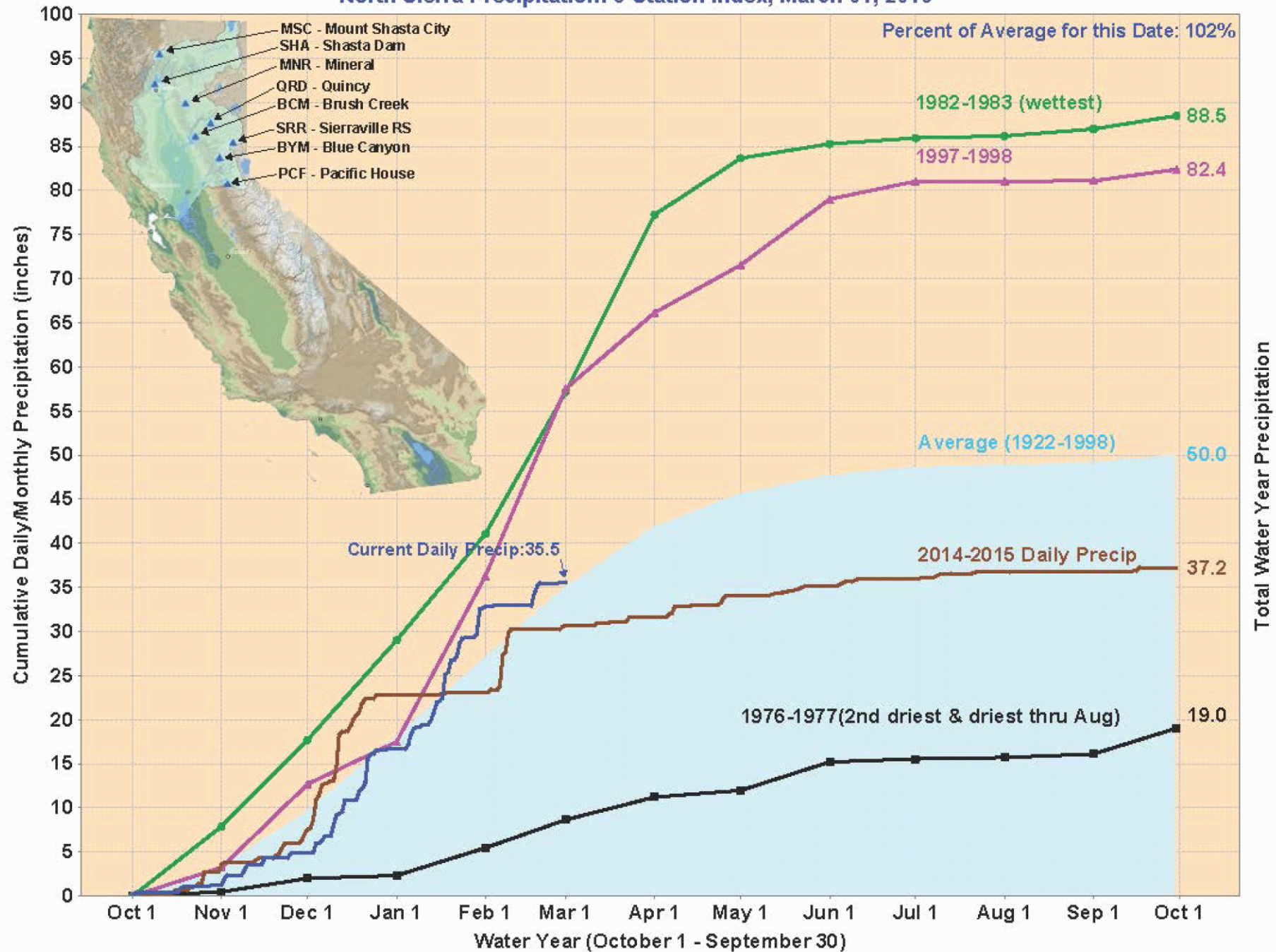


El Niño

- ◆ El Niño remains strong, with continued warmth in the surface waters of the east-central tropical Pacific and wind and rainfall disruptions across the entire basin. Most indicators are starting to show weakening, however. El Niño is likely to become neutral by late spring or early summer 2016, with a possible shift to La Niña in the fall.



North Sierra Precipitation: 8-Station Index, March 01, 2016

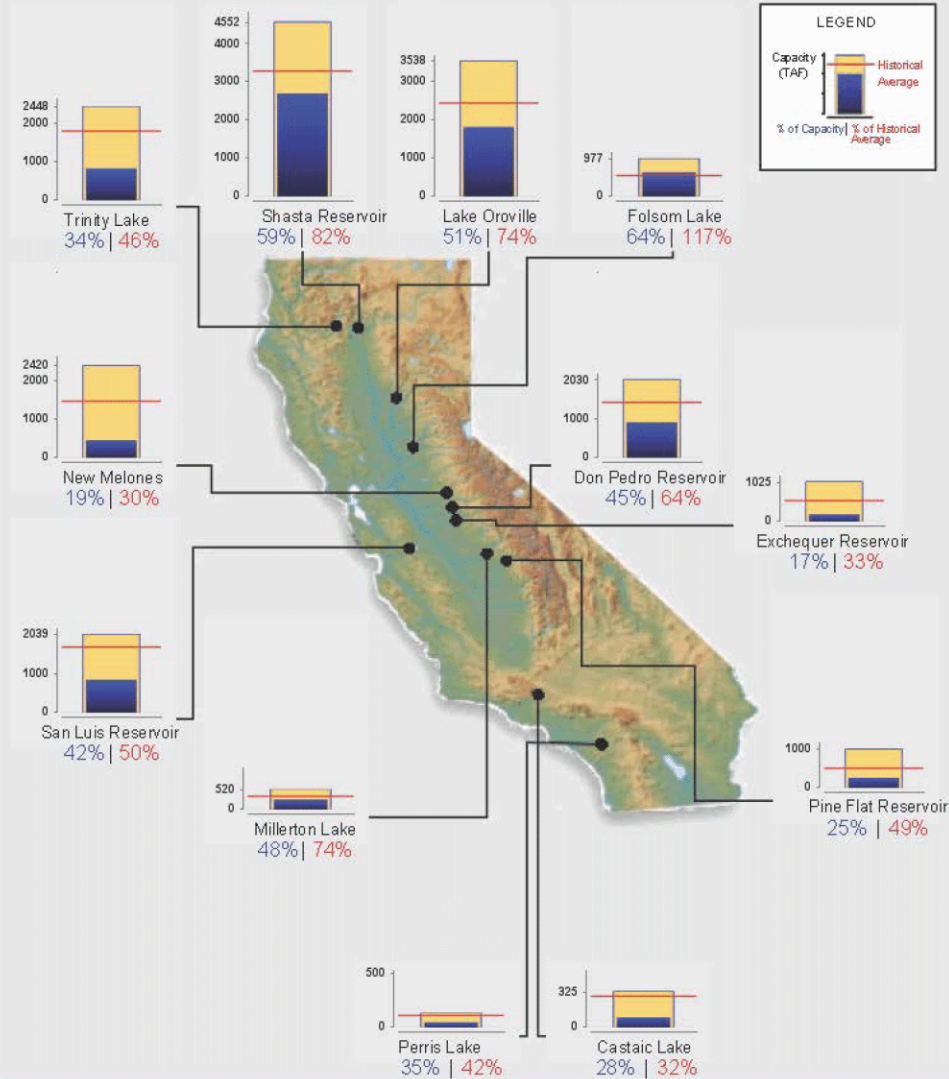




Reservoir Conditions

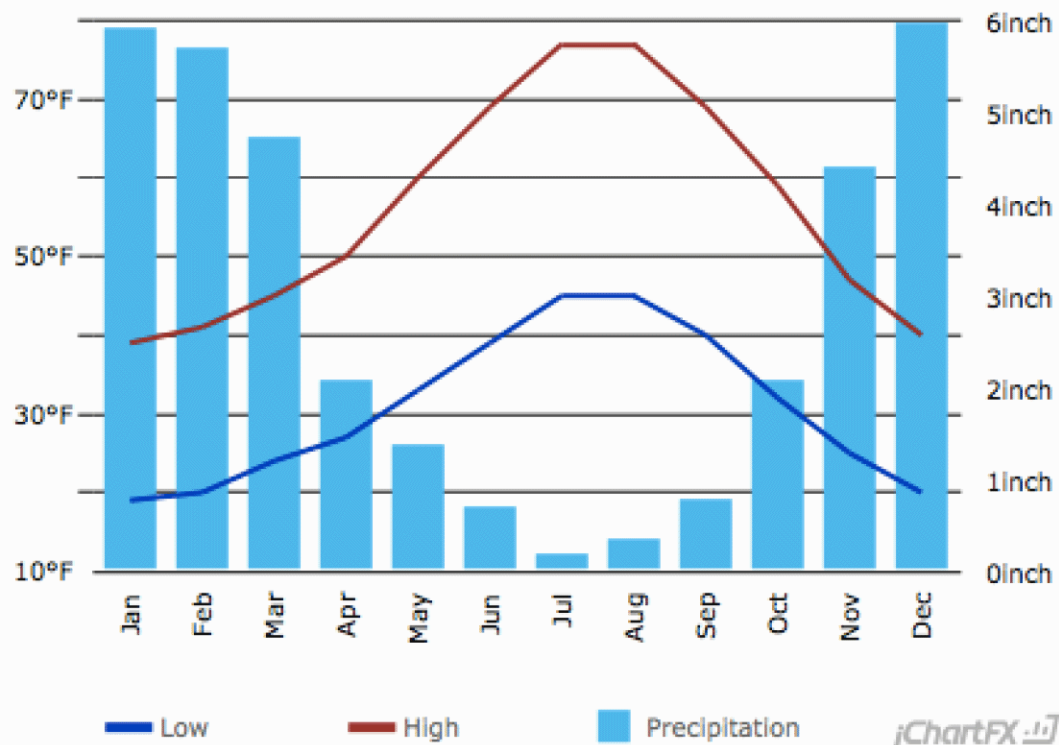
Ending At Midnight - February 23, 2016

CURRENT RESERVOIR CONDITIONS



Sierra Snowpack Shrinking

Precipitation vs. Temperature



Snowpack

Statewide Summary of Snow Water Content

Current Regional Snowpack from Automated Snow Sensors

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



NORTH	
Data as of March 1, 2016	
Number of Stations Reporting	28
Average snow water equivalent (inches)	23.1
Percent of April 1 Average (%)	80
Percent of normal for this date (%)	89

CENTRAL	
Data as of March 1, 2016	
Number of Stations Reporting	40
Average snow water equivalent (inches)	21.7
Percent of April 1 Average (%)	75
Percent of normal for this date (%)	85

SOUTH	
Data as of March 1, 2016	
Number of Stations Reporting	29
Average snow water equivalent (inches)	17.0
Percent of April 1 Average (%)	64
Percent of normal for this date (%)	75

STATE	
Data as of March 1, 2016	
Number of Stations Reporting	97
Average snow water equivalent (inches)	20.7
Percent of April 1 Average (%)	73
Percent of normal for this date (%)	83

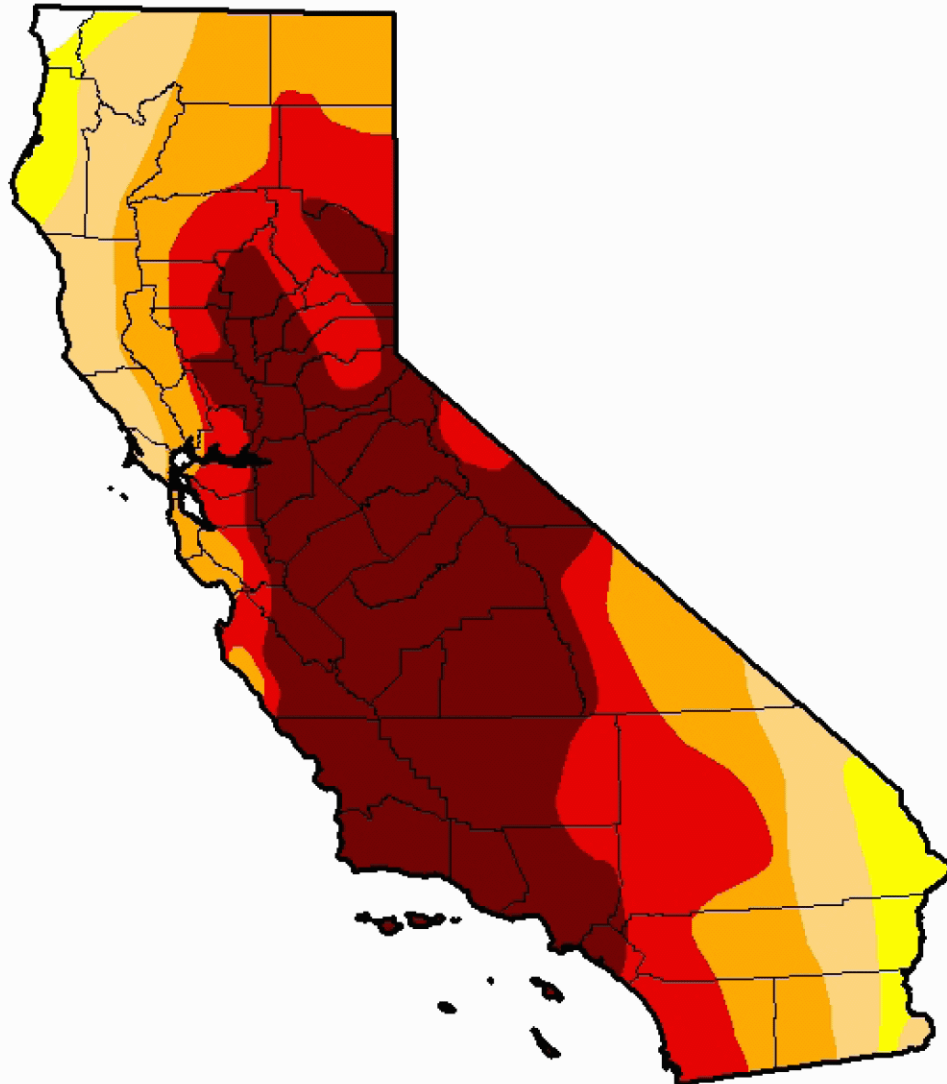
Statewide Average: 73% / 83%

Data as of March 1, 2016

Updated 03/01/2016 04:15 PM

U.S. Drought Monitor California

February 23, 2016
(Released Thursday, Feb. 25, 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	94.38	81.82	60.86	38.48
Last Week <i>2/16/2016</i>	0.29	99.71	94.69	81.82	61.40	38.48
3 Months Ago <i>11/24/2015</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>2/24/2015</i>	0.16	99.84	98.10	93.44	67.46	39.92

Intensity:



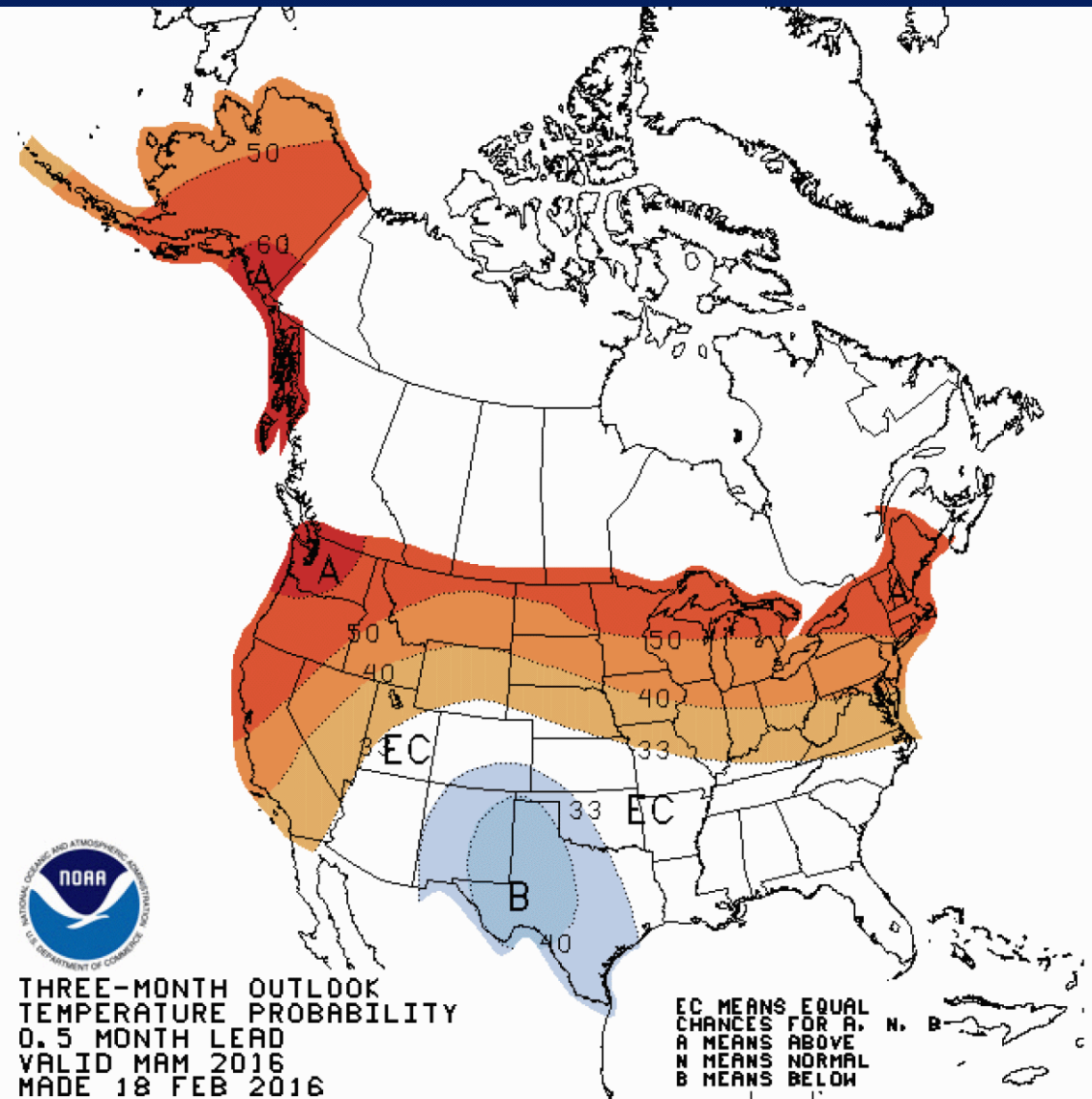
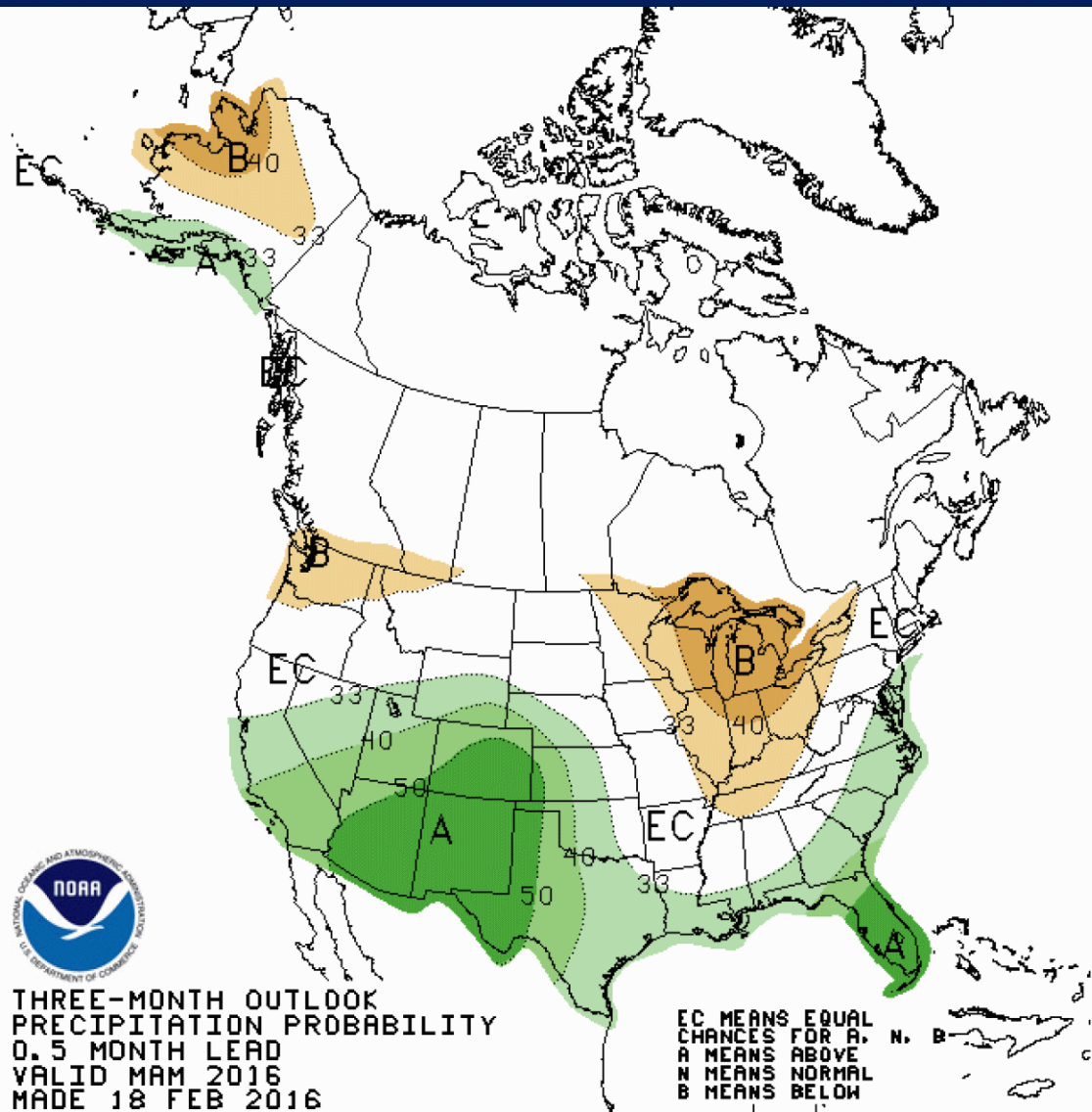
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:
Eric Luebehusen
U.S. Department of Agriculture



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

Short-Term Outlook



What Does This Mean?

- ◇ 40% chance of above normal rainfall
- ◇ 40% chance of above normal temperatures
- ◇ El Niño over by late spring
- ◇ February was the hottest on record for California
- ◇ Even with strong storms, snow is melting quickly
- ◇ Average statewide snow level is at 83%-85%
- ◇ Drought will continue
- ◇ Watering restriction and the State's emergency water conservation restrictions will remain

Our current & future challenges



- ◇ Aging Infrastructure
- ◇ Population Growth
- ◇ Increased Demand
- ◇ Climate Change
- ◇ Acute Weather events
- ◇ Prolonged droughts
- ◇ Water competition
- ◇ Natural Disasters

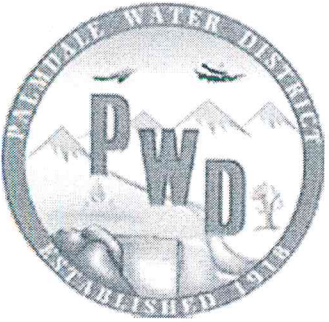
What we are doing?

- ◆ Diversifying Our Water Portfolio
- ◆ Adjudication Settlement
- ◆ Palmdale Regional Groundwater Recharge Project (Recycled water usage)
- ◆ Water Conservation Initiatives
- ◆ Education/Awareness
- ◆ 50% Less Water Reliance on State Water Supply
- ◆ Closed Basin – All Water Stays Here
- ◆ Embrace Change

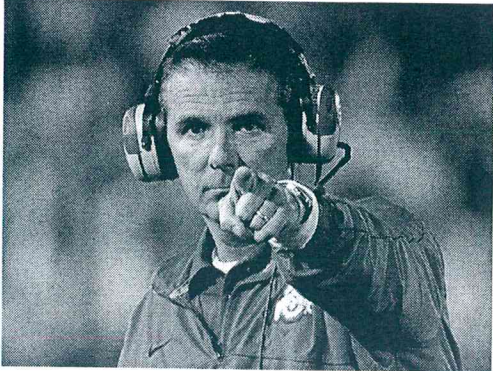
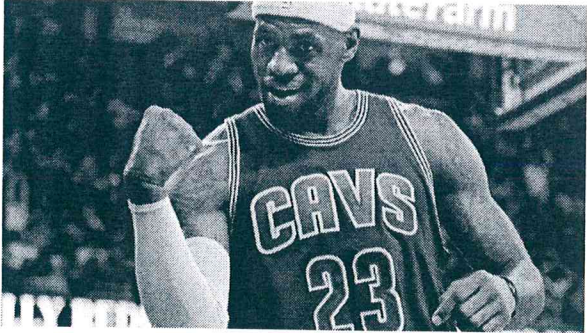


Questions?



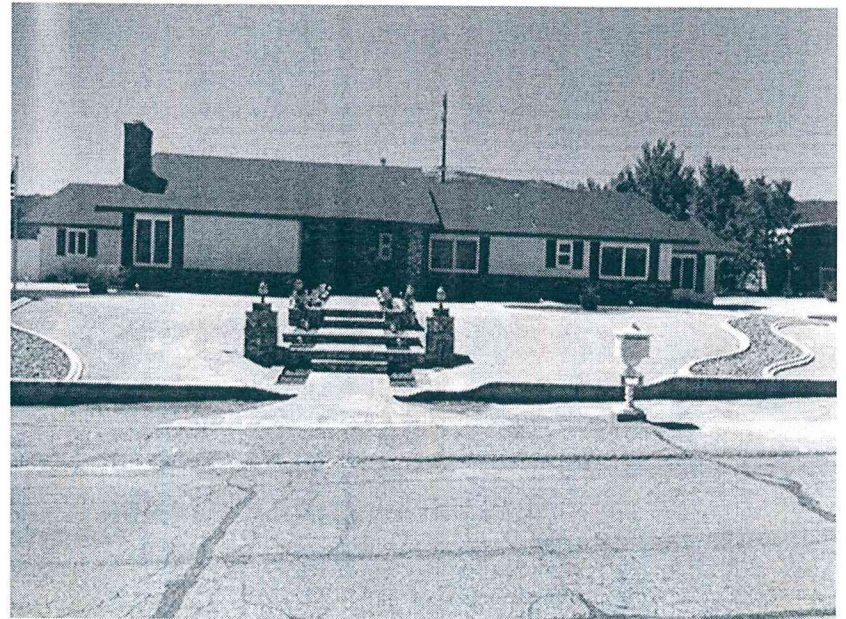


PWD Outreach



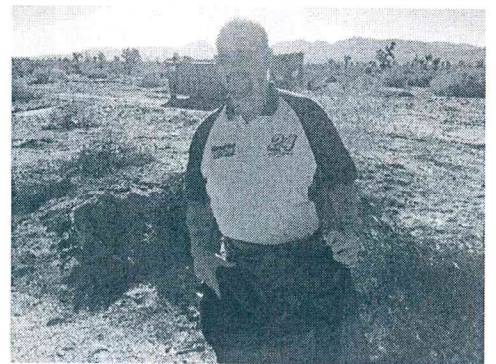
C4G

- ◆ Applications on PWD website
- ◆ Available in English and Spanish
- ◆ First Come First Serve Basis
- ◆ Ceiling capped at \$3,000 per household
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Outreach Projects

- ◆ Aguapalooza
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- ◆ PWD Treatment Plant Tours
- ◆ Presentations to Community Organizations
- ◆ Engage Schools in Water Information
- ◆ Marketing District to community
- ◆ Volunteerism within the community
- ◆ Business Outreach
- ◆ Involve Directors
- ◆ Radio
- ◆ TV
- ◆ Internet



Outreach Activities

- ◆ March 2, 2016 - Read Across America – Tamerisk Elementary School 10am-2pm
- ◆ March 2, 2016 – GAVAR Presentation
- ◆ March 4, 2016 – Kiwanis Club Meeting – Presentation 12pm (Provided Wrong Day)
- ◆ March 5, 2016 – Public Health Booth w/ Mental Health America of LA – Jackie Robinson Park 9am – 1pm
- ◆ March 9, 2016 – The Pipeline is published
- ◆ March 10, 2016 – Palmdale Women’s Club Presentation and lunch
- ◆ March 16, 2016 PWD Water Treatment Plant Tour – Westside Christian Academy 9am – 12pm
- ◆ March 17, 2016 – AV Real Estate Group Presentation
- ◆ March 24, 2016 – Palmdale Chamber Board Tour of Treatment Plant
- ◆ March 24, 2016 – Award Ceremony for Video Contest – Brook Institute, Ventura 6pm – 8pm
- ◆ March 30, 2016 – Palmdale Promise Summerwind Elementary School

Outreach Activities Continued

- ◆ April 2, 2016 – Sharon Runner Community Water Meeting – Lancaster Municipal Facility
8am – 12pm
- ◆ April 8 – 10, 2016 – AV Home and Garden Show
- ◆ April 20, 2016 – Palmdale Chamber of Commerce Luncheon Guest Speaker
- ◆ April 30, 2016 – Palmdale Chamber Family Picnic – Lazy T Ranch 1-5pm
- ◆ May 3, 2016 – LA County Farm Bureau Kids AG Day – Booth with interactive educational materials