



Overview of DWR's 2014 Integrated Regional Water Management Drought Solicitation

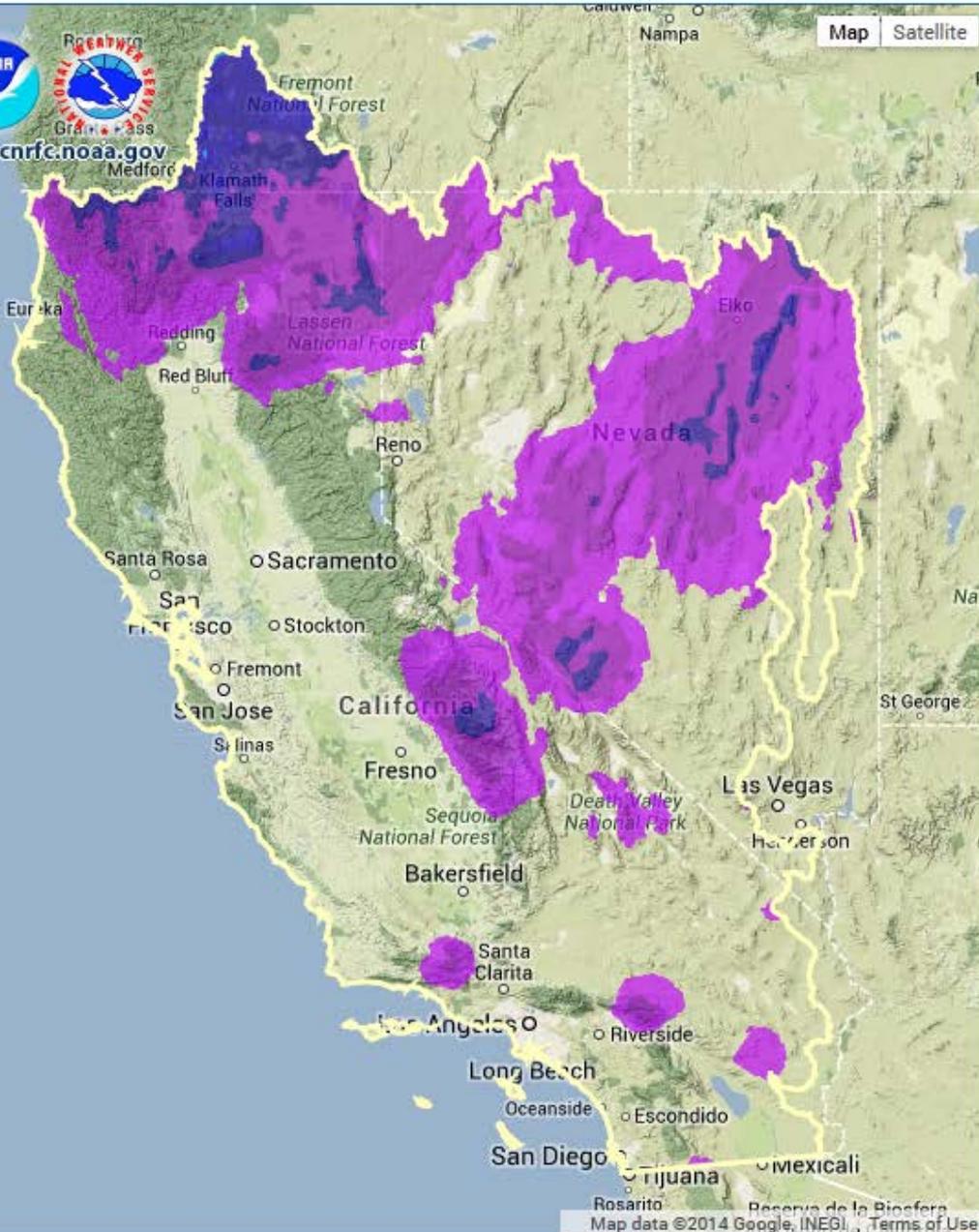
David Gutierrez, Drought Team Member

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Division of Integrated Regional Water Management



www.cnrfc.noaa.gov

Map Satellite



Google

Precipitation (inches)



Water Resources

Snow Data

Observed Precipitation (QPE)

Forecast Precipitation (QPF)

Forecast issued: Mon Apr 14 2014 at 7:02 AM PDT

Opacity:

6-Hourly Gridded QPF Animate

Mon Apr 14 05 AM PDT (14/12Z) through
Mon Apr 14 11 AM PDT (14/18Z)

Select forecast time: [< Prev](#) [Next >](#)

24-Hourly Gridded QPF Animate

Mon Apr 14 05 AM PDT (14/12Z) through
Mon Apr 14 11 AM PDT (14/18Z)

Select forecast time: [< Prev](#) [Next >](#)

72-Hourly Gridded QPF

Mon Apr 14 05 AM PDT (14/12Z) through
Thu Apr 17 05 AM PDT (17/12Z)

5-Day Gridded QPF

Mon Apr 14 05 AM PDT (14/12Z) through
Sat Apr 19 05 AM PDT (19/12Z)

Observed Temperatures

Forecast Temperatures

Freezing Levels

Flash Flood Guidance

Water Temperatures

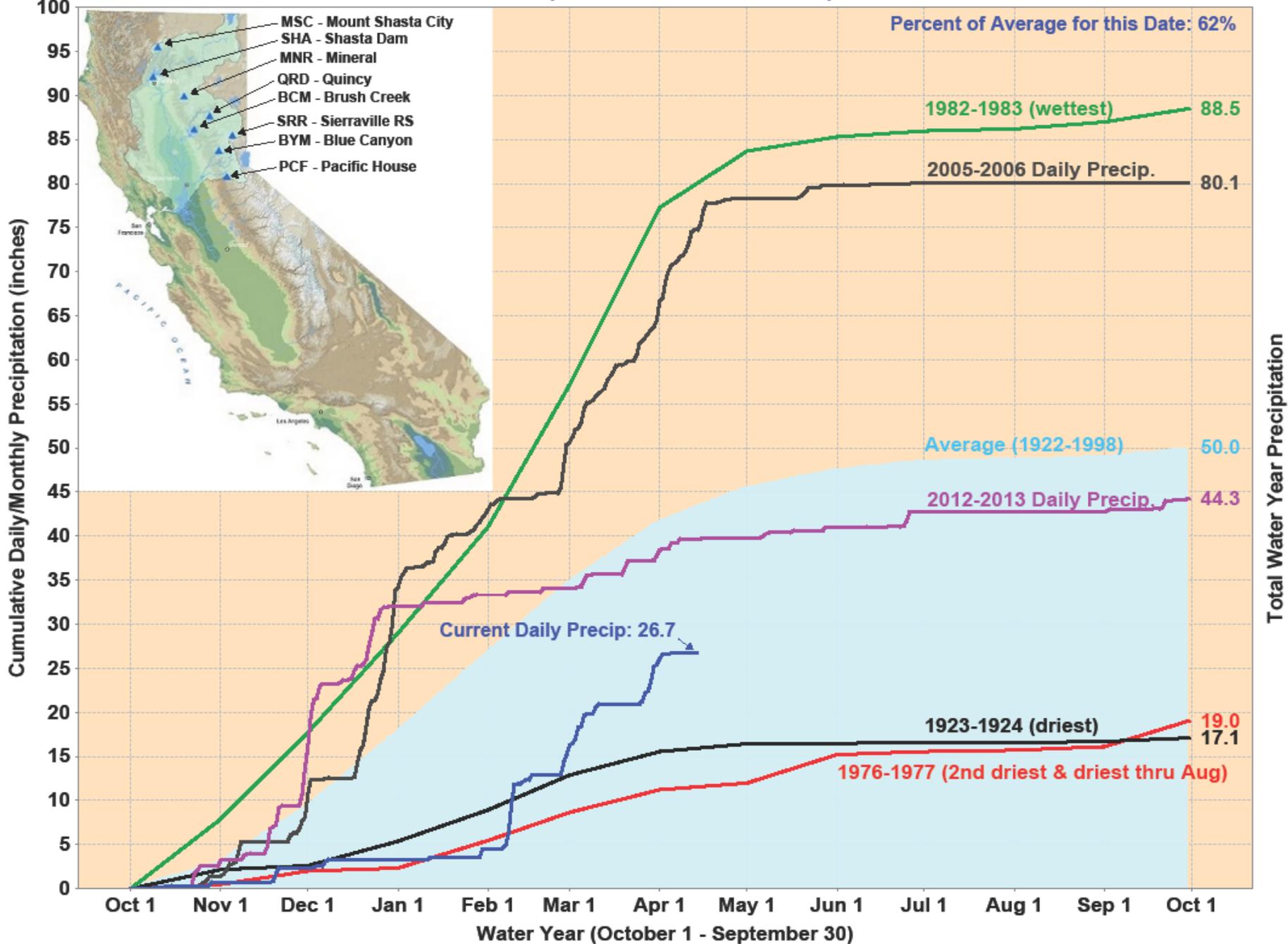
Climate/Drought

QPF Verification

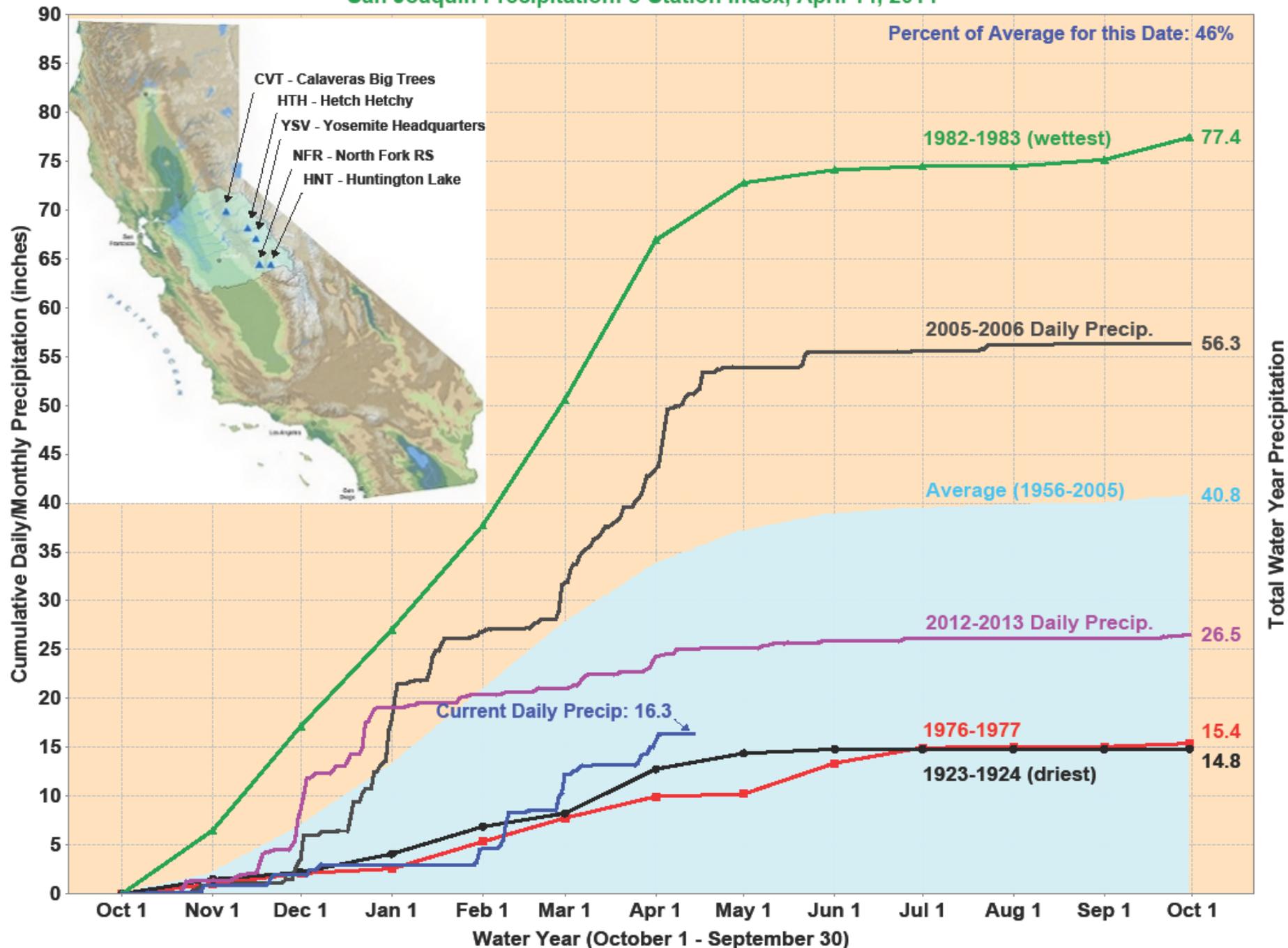
Reset View

Clear All Overlays

Northern Sierra Precipitation: 8-Station Index, April 14, 2014



San Joaquin Precipitation: 5-Station Index, April 14, 2014

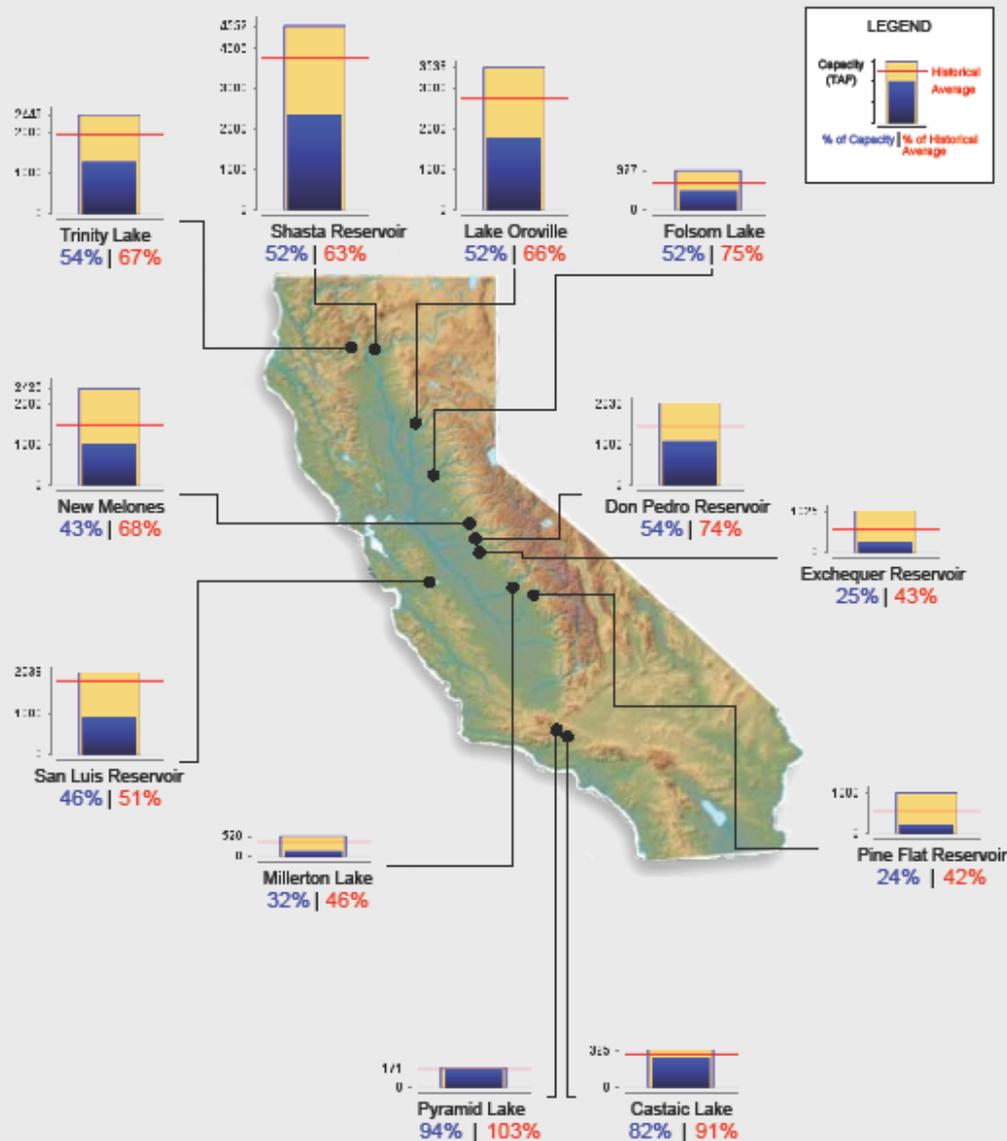




Reservoir Conditions

Ending At Midnight - April 13, 2014

CURRENT RESERVOIR CONDITIONS



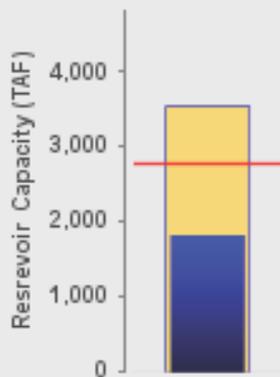


Reservoir Conditions - Lake Oroville



Lake Oroville Conditions

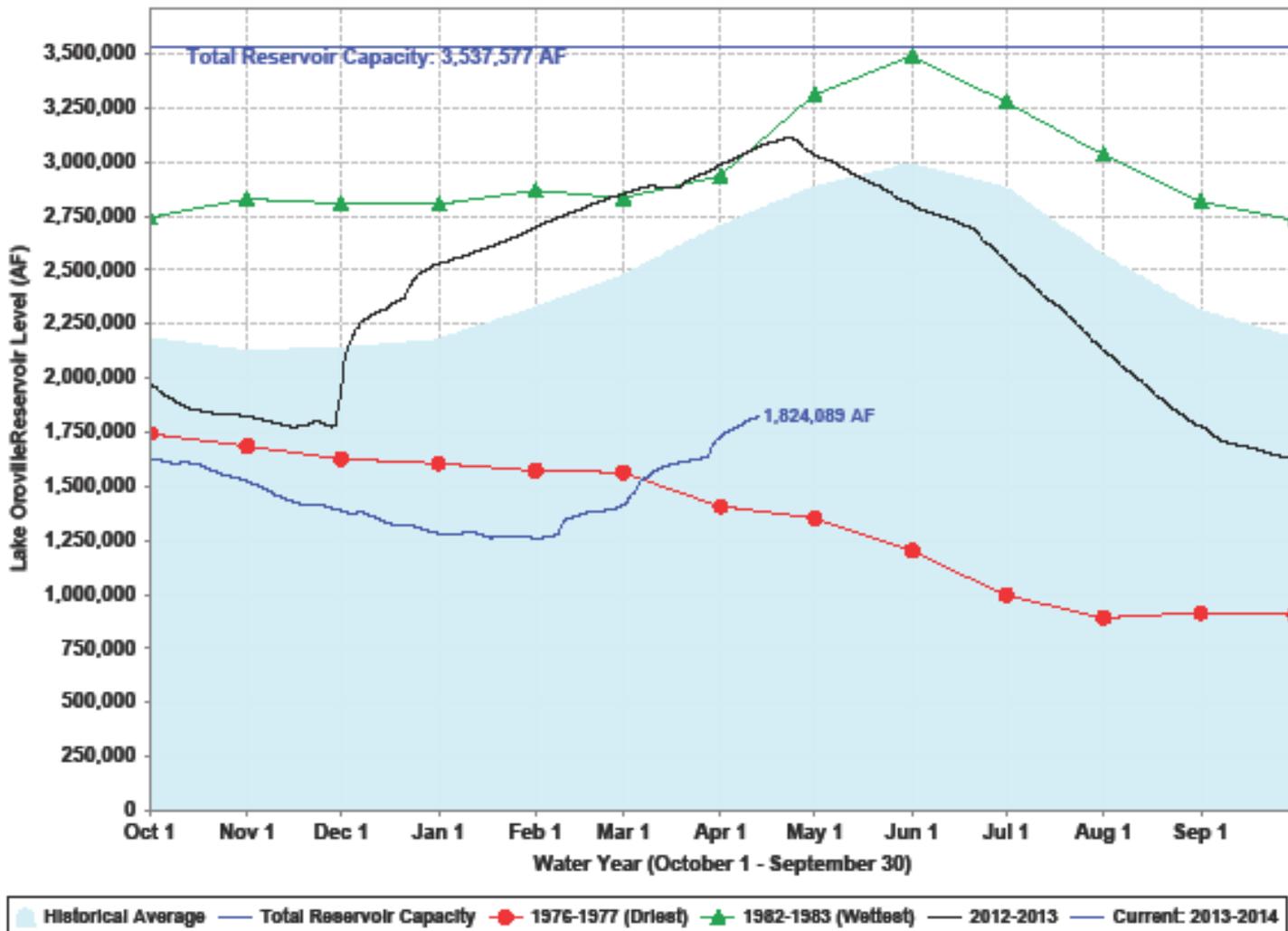
(as of Midnight - April 13, 2014)



Current Level: 1,824,089 AF

52% (Total Capacity) | 66% (Historical Avg.)

Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight April 13, 2014

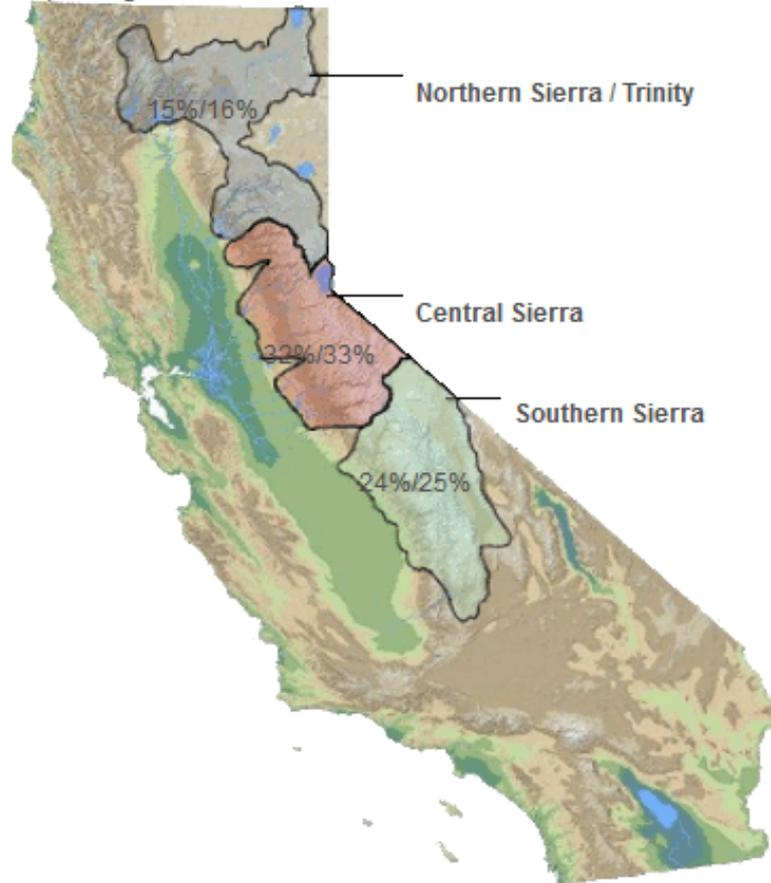


Snow Water Equivalents (inches)

Provided by the California Cooperative Snow Surveys

Data For: 14-Apr-2014

% Apr 1 Avg. / % Normal for this Date



Change Date :



14-Apr-2014

[Refresh Data](#)

NORTH

Data For: 14-Apr-2014

Number of Stations Reporting	27
Average snow water equivalent	4.5"
Percent of April 1 Average	15%
Percent of normal for this date	16%

CENTRAL

Data For: 14-Apr-2014

Number of Stations Reporting	43
Average snow water equivalent	9.6"
Percent of April 1 Average	32%
Percent of normal for this date	33%

SOUTH

Data For: 14-Apr-2014

Number of Stations Reporting	30
Average snow water equivalent	6.2"
Percent of April 1 Average	24%
Percent of normal for this date	25%

STATEWIDE SUMMARY

Data For: 14-Apr-2014

Number of Stations Reporting	100
Average snow water equivalent	7.2"
Percent of April 1 Average	25%
Percent of normal for this date	26%



Drought Proclamation #6

- ▶ The Department of Water Resources and the Water Board will accelerate funding for water supply enhancement projects that can break ground this year and will explore if any existing unspent funds can be repurposed to enable near-term water conservation projects.



Drought Legislation Senate Bills 103 and 104

- ▶ Appropriated \$687.4 million
 - ▶ \$581.5 million to DWR
 - ▶ \$472.5 million in Proposition 84 IRWM funds, includes
 - ▶ \$200 Million to be expedited for drought projects
 - ▶ \$272.5 Million for IRWM projects
 - ▶ Up to \$21.8 Million to “backfill” 2014 Implementation Grant awards
 - ▶ Appropriated all remaining Proposition 84 IRWM funds
 - ▶ \$77 million in Proposition 1E funds for multi-purpose flood projects
 - ▶ \$30 million in Greenhouse Gas Reduction Funds, includes
 - ▶ \$20 million for Water-Energy Grant Program
 - ▶ \$1 million for Save Our Water campaign
 - ▶ \$1 million for California Statewide Groundwater Elevation Monitoring



Brief Overview of IRWM Funding

- ▶ Current funding from Proposition 84 (2006)
- ▶ \$1 billion
 - ▶ \$900 million allocated to 11 hydrologic region-based “funding areas”
 - ▶ \$100 million in interregional funding – fully allocated
 - ▶ Supports various actions
 - ▶ IRWM Implementation Grants
 - ▶ IRWM Planning Grants – Fully awarded
 - ▶ Local Groundwater Assistance Grants – Fully awarded
 - ▶ Disadvantaged Community Assistance Pilot Program Grants – Fully awarded
 - ▶ Numerous other projects and program
- ▶ Prior funding from Proposition 50 (2002) – fully allocated

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Prior Proposition 84 IRWM Grant Awards

- ▶ Planning Grants
 - ▶ \$30 million to 33 Regional Water Management Groups
- ▶ Implementation Grants
 - ▶ \$358.3 million to 31 RWMGs
 - ▶ 339 projects with a total costs of \$1.8 billion

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Status of 2014 IRWM Drought Solicitation

- ▶ April 3 – Release for public review and comment
- ▶ Public Workshops
 - ▶ May 7 - Ventura
 - ▶ May 9 - Fresno
 - ▶ May 12 - Sacramento
- ▶ May 15 – Public comments due



Documents Released

- ▶ Grant Program Guidelines
 - ▶ Intentionally limited changes to the guidelines, which include IRWM Plan Standards
 - ▶ Incorporated “new” requirements
 - ▶ Effective or enacted since issuance of 2012 Guidelines
- ▶ Proposal Solicitation Package (PSP)
 - ▶ Bulk of the changes (streamlining) occur in this document



Guidelines

“New” Requirements

- ▶ Human Right to Water
 - ▶ Enacted 2012
- ▶ Ag Water Management Plans
 - ▶ Enacted 2009
 - ▶ 1st plans due in 2013
 - ▶ Have consistency determinations for 2014 solicitation
- ▶ CASGEM
 - ▶ Enacted 2009
 - ▶ “Negative findings” for basin monitoring being finalized
 - ▶ Address at project proponent & applicant level
 - ▶ Targeting high & medium priority basins



PSP Revisions



- ▶ In addition to being one of the 11 IRWM project elements, projects must also be one of the SB 104 drought project types:
 - ▶ Immediate drought preparedness
 - ▶ Water supply reliability and delivery of safe drinking water
 - ▶ Locally not cost effective water conservation programs and measures
 - ▶ Water quality or ecosystem conflict created by the drought



PSP Revisions



- ▶ Eligible costs
 - ▶ Reimbursement back to drought declared (1/17/14)
 - ▶ Past costs date from 1/1/2010
 - ▶ Prior date 9/30/2008
- ▶ Application process streamlined
 - ▶ Limited number of words/project
 - ▶ # of Pages – Was 68; Now 38
 - ▶ # of Attachments – Was 13; Now 8
 - ▶ # of Tables – Was 20; Now 9



Solicitation Schedule Reflects Expedite/Streamline

- ▶ Application Preparation Period
 - ▶ Previously 60 days minimum
 - ▶ Proposed 30 days
- ▶ DWR Review Period
 - ▶ Previously 4-6 months
 - ▶ Proposed 60 days
- ▶ Award Process
 - ▶ Previously included public comment on draft recommendations; from draft to final award 2 to 4 months
 - ▶ Proposed – No public comment period; announce final awards
- ▶ Condenses a 8-14 effort to 3 months



Example Changes to PSP

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Eligibility Criterion Consolidated & Updated

- Authorizing Documentation
- Eligible Applicant Documentation
- Project Consistency with an adopted IRWM Plan
- Urban Water Management Compliance
- Agricultural Water Management Compliance
- Surface Water Diverter Compliance
- Groundwater Management Compliance
- CASGEM Compliance
- Water Conservation Programs and Measures



Drought Impacts



- Discuss the drought issues/impacts
- Discuss how the proposed projects help
 - 2014 Drought
 - Possible 2015 Drought/Dry Year

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Project Justification Simplified and Consolidated

- ▶ Project Description
- ▶ Regional Map and Project Map
- ▶ Project Physical benefits
- ▶ Technical Analysis of Physical Benefits Claimed
- ▶ Annual Project Costs
 - ▶ Cost effectiveness – No economic analysis
- ▶ Monitoring of Project Performance



Work Summary



- ▶ PSP requires a 500 word/project (max) summary of the proposed work
 - ▶ Detailed Work Plan not required with Application
 - ▶ Will need to be submitted within 30 days of award notification
 - ▶ Along with other items or
 - ▶ Risk award

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Anticipated Solicitation Schedule

- ▶ May 15 – Public Comments Due
- ▶ Early June – DWR Releases Final Guidelines and PSP
- ▶ Early July – Application Due
 - ▶ 30 days after release of final documents
- ▶ Late August/Early September – DWR announces awards
 - ▶ Grantees must submit detailed work plans and supporting documentation 30 days of DWR notification
 - ▶ Execute grant agreements 60-90 days after receipt of above materials
- ▶ Early 2015 – Agreements executed and work commences



Questions and Answer

<http://www.water.ca.gov/irwm/grants/implementation.cfm>