

# RECLAMATION

*Managing Water in the West*

## Central Valley Project

## 2013 Water Supply Update

**July 2013**



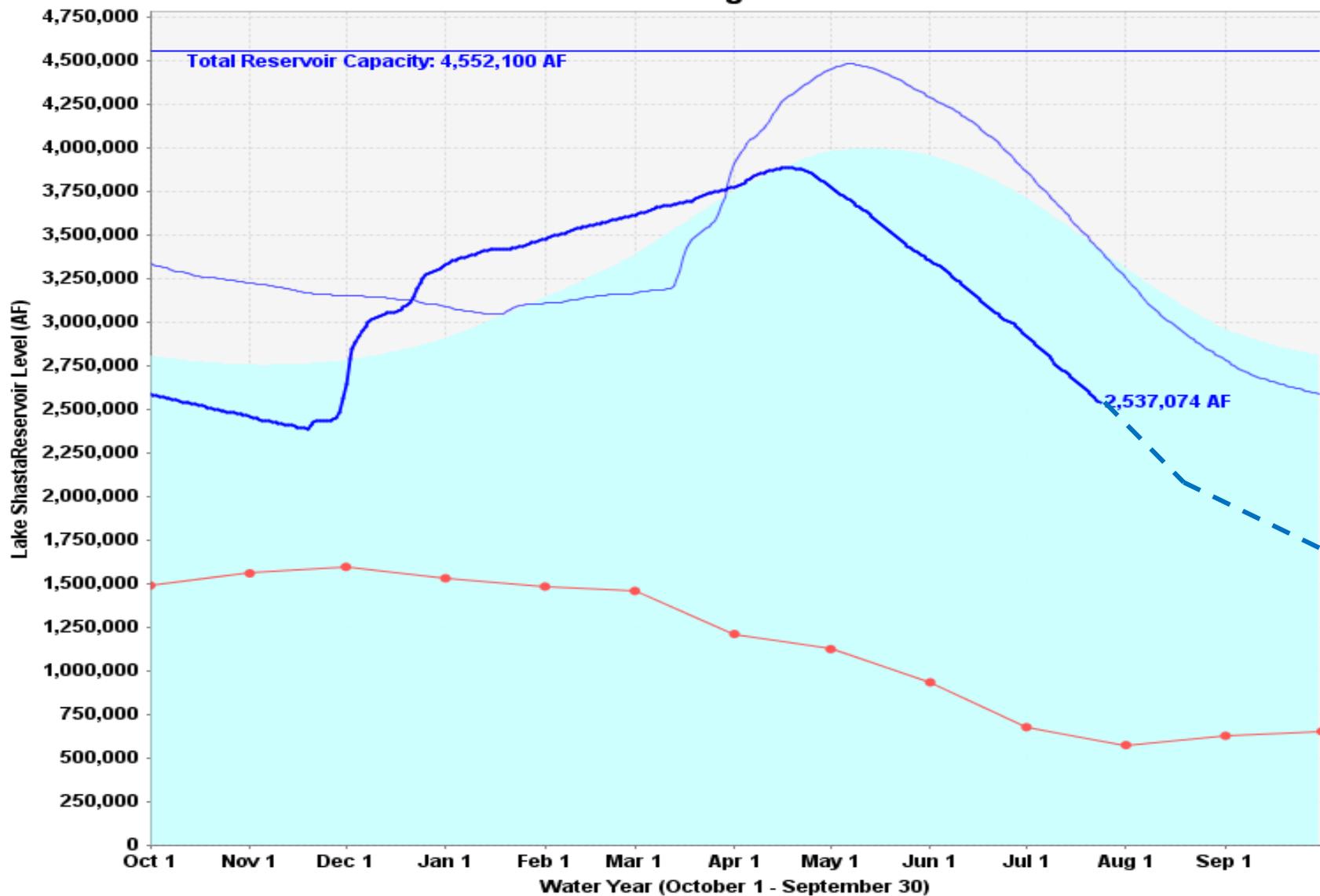
U.S. Department of the Interior  
Bureau of Reclamation

# July 2013 Updates

- Reservoir Projections
- Temperature Operations
- Delta Operations/Transfers
- Sacramento Valley Depletions



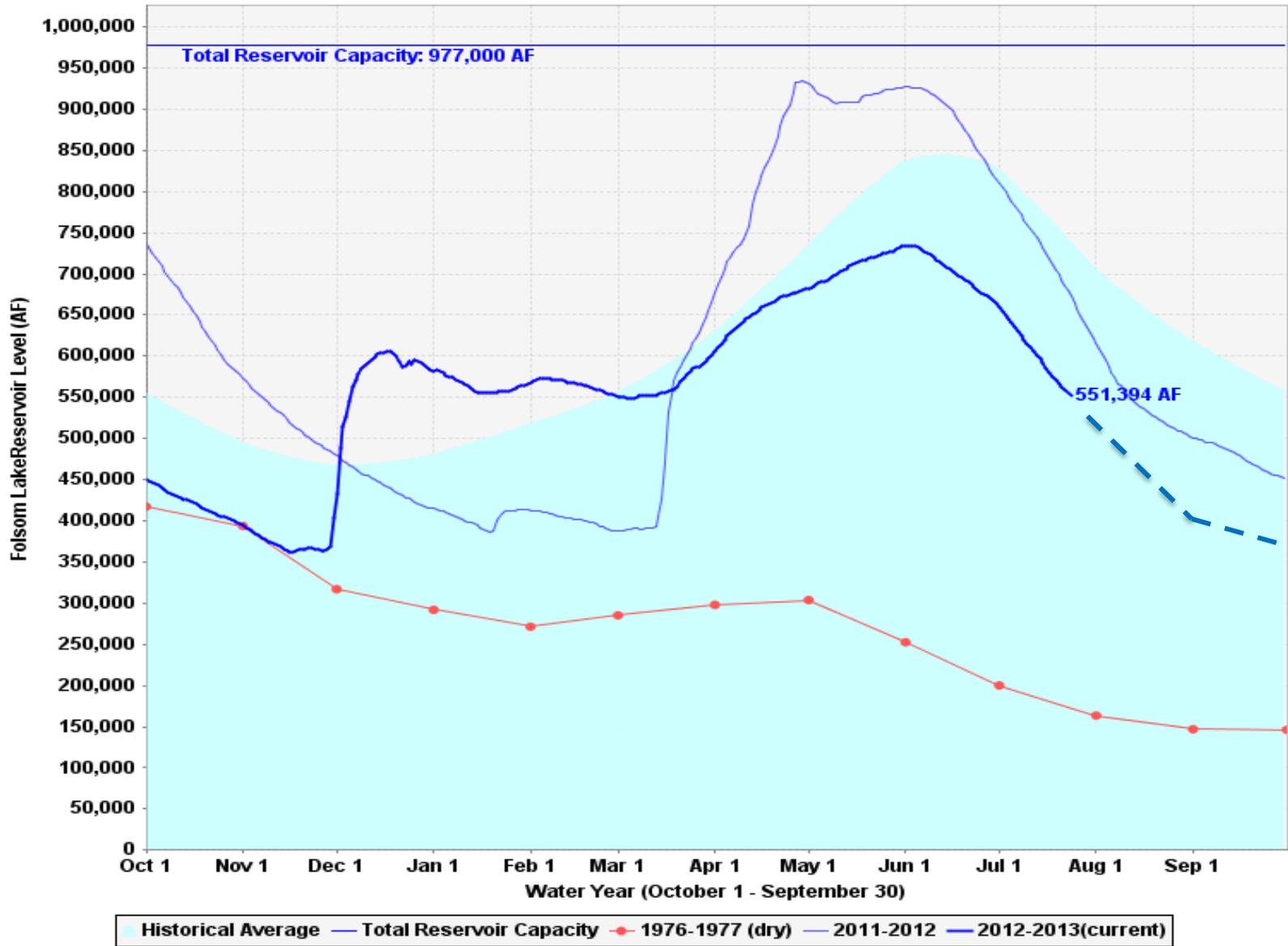
# Lake Shasta Storage Levels



■ Historical Average 
 — Total Reservoir Capacity 
 ● 1976-1977 (dry) 
 — 2011-2012 
 - - - 2012-2013(current)

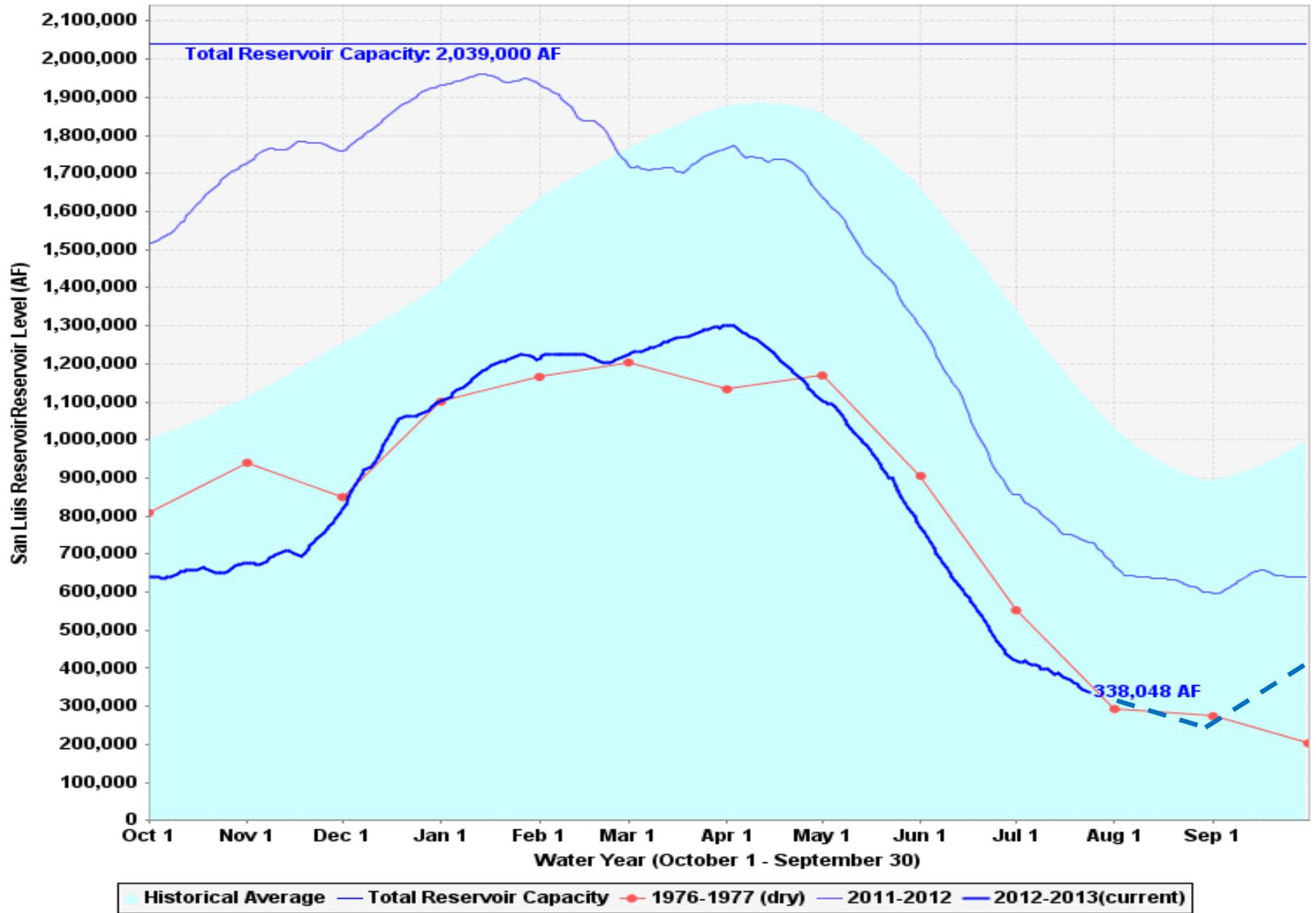
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## Folsom Lake Storage Levels

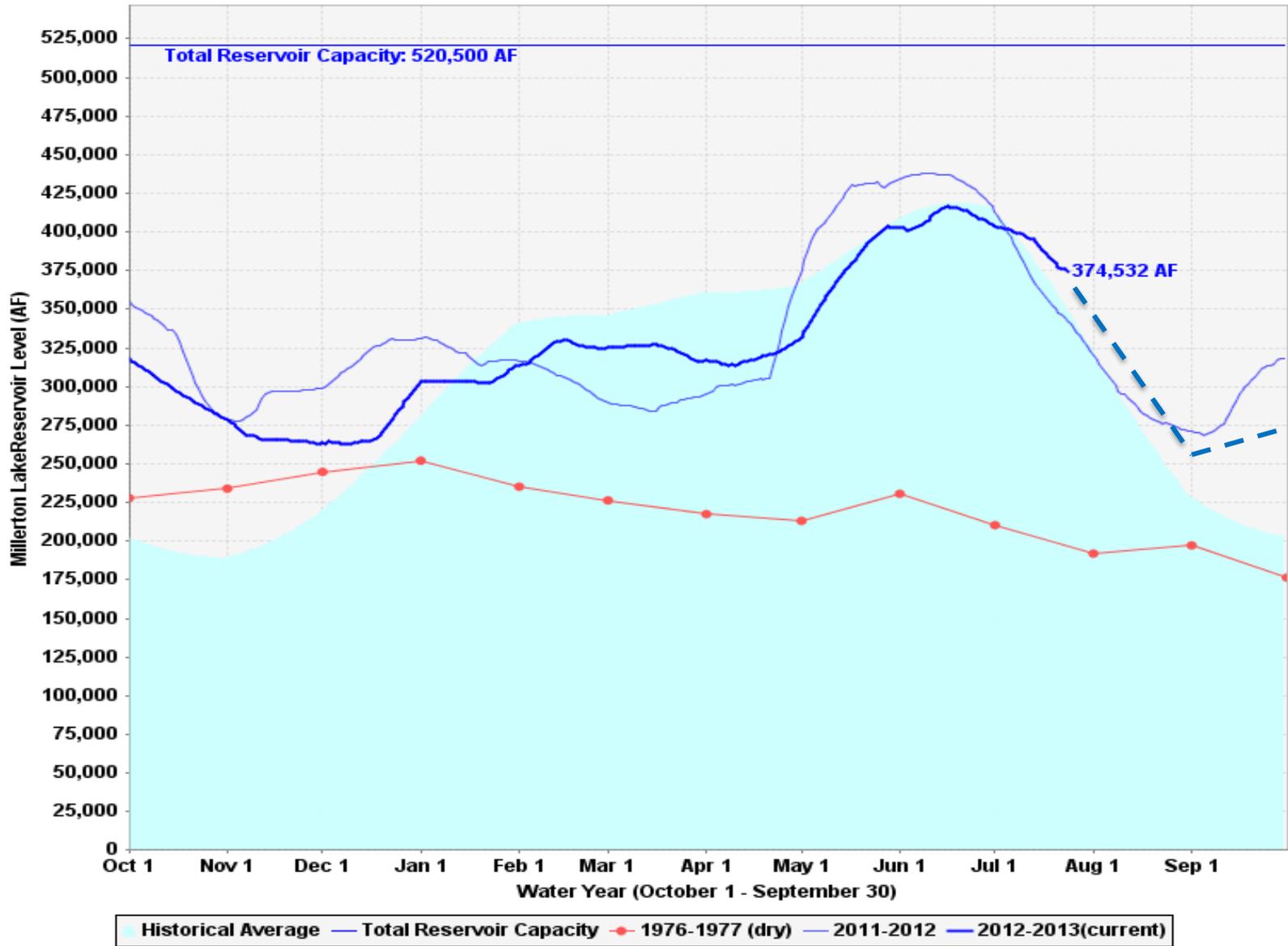


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## San Luis Reservoir Storage Levels

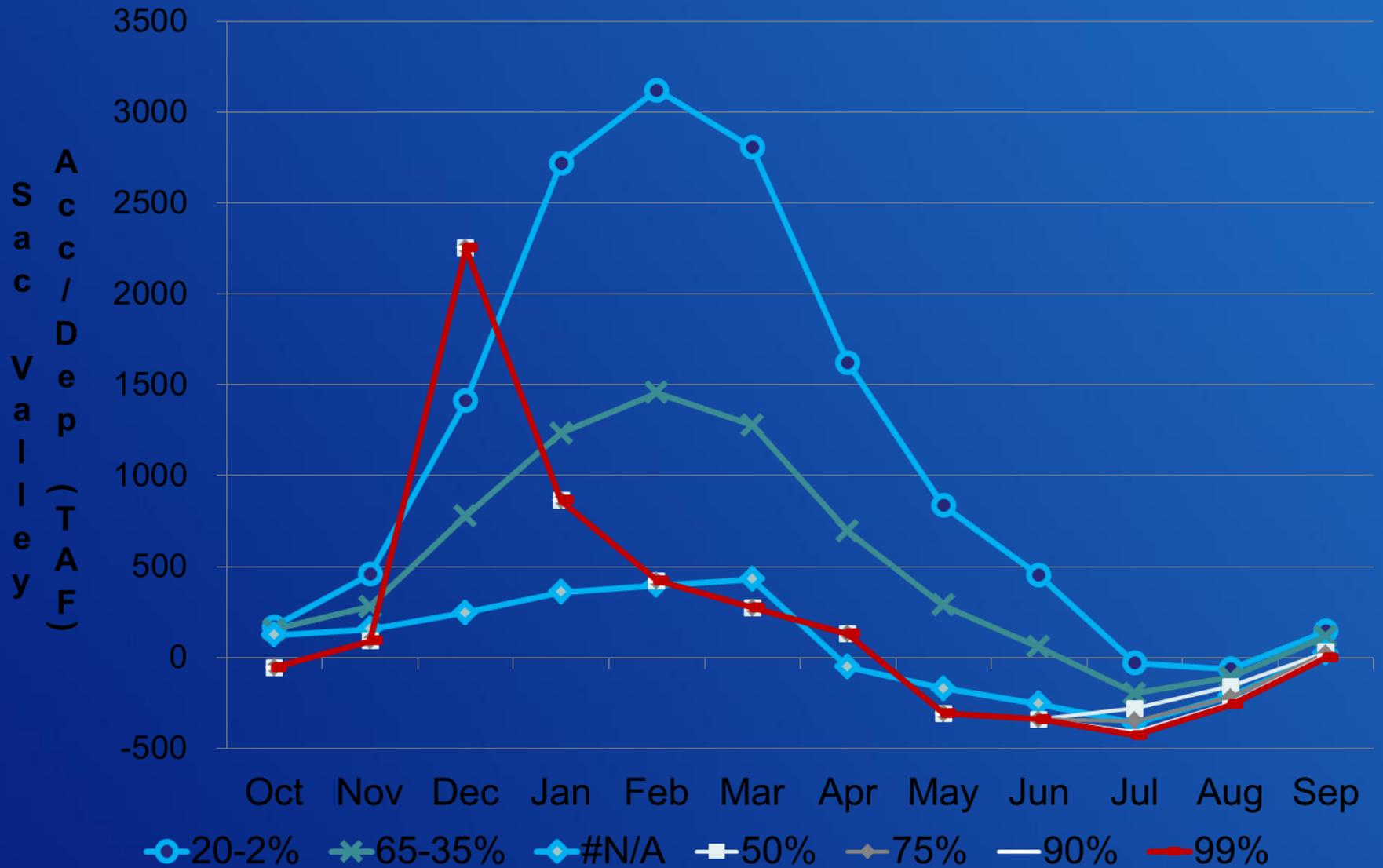


# Millerton Lake Storage Levels

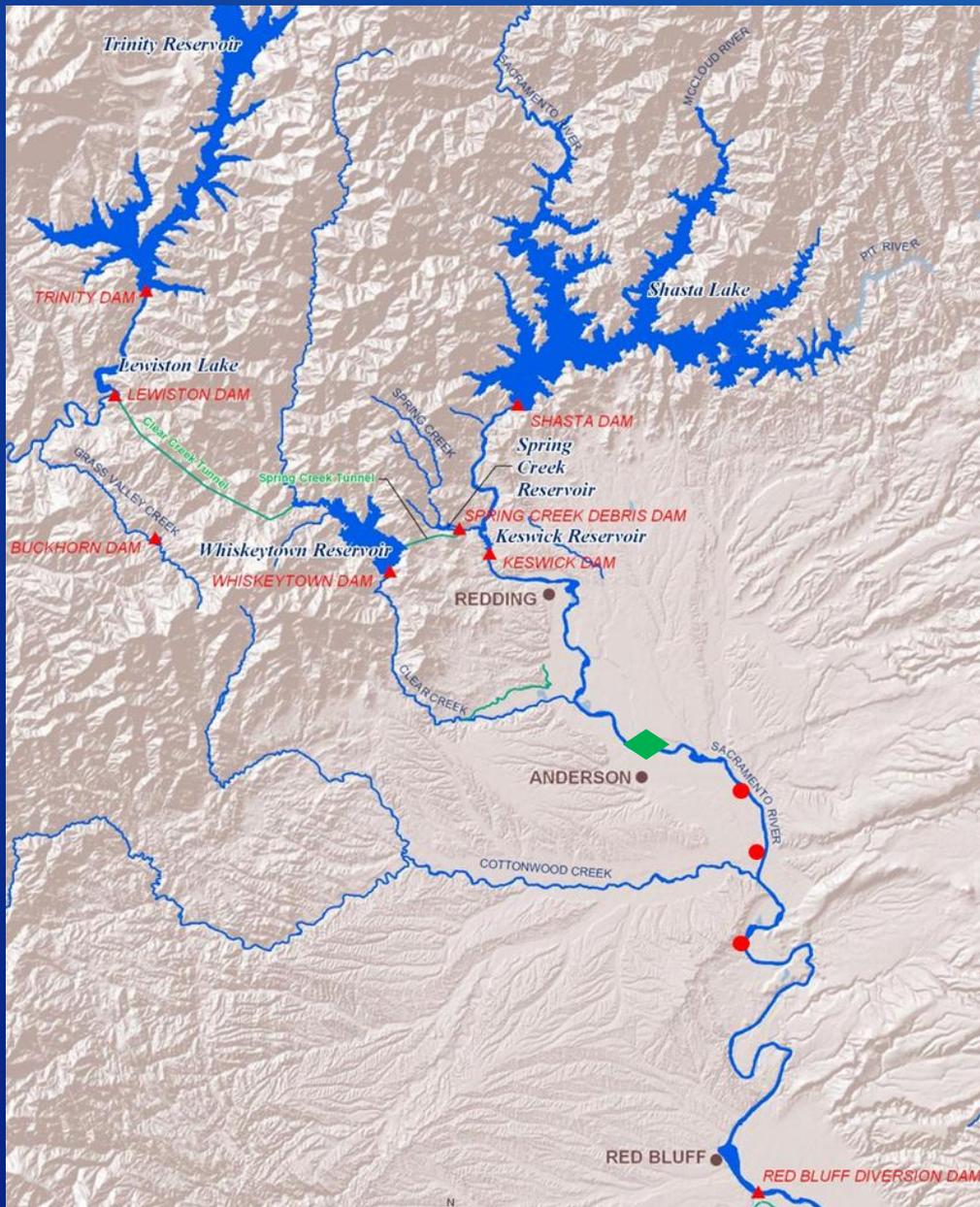


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# Acc/Dep Trends for 2013 vs. Historic Exceedence



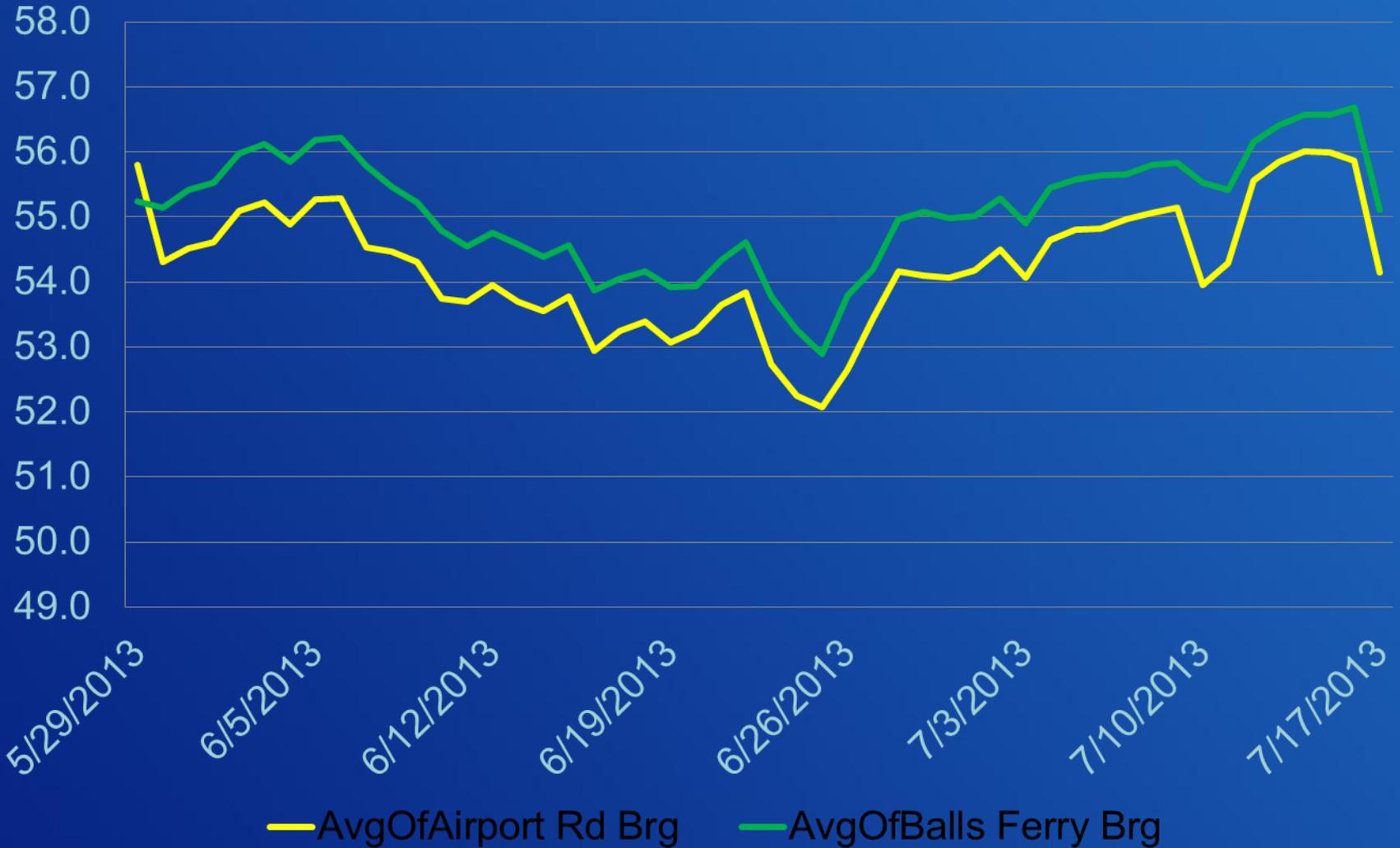
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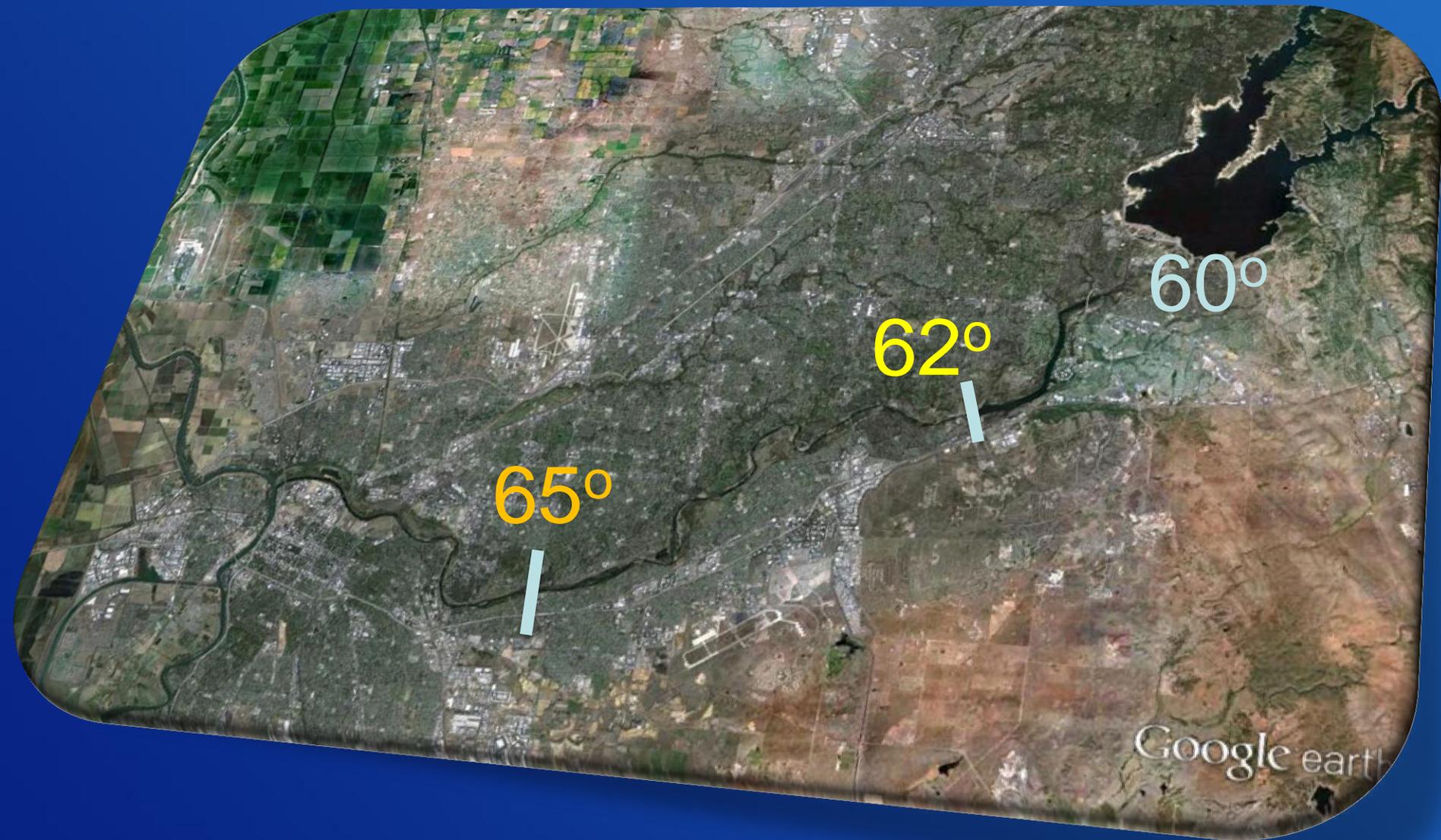
# Sacramento River Temperature Management

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# Sacramento Temperature

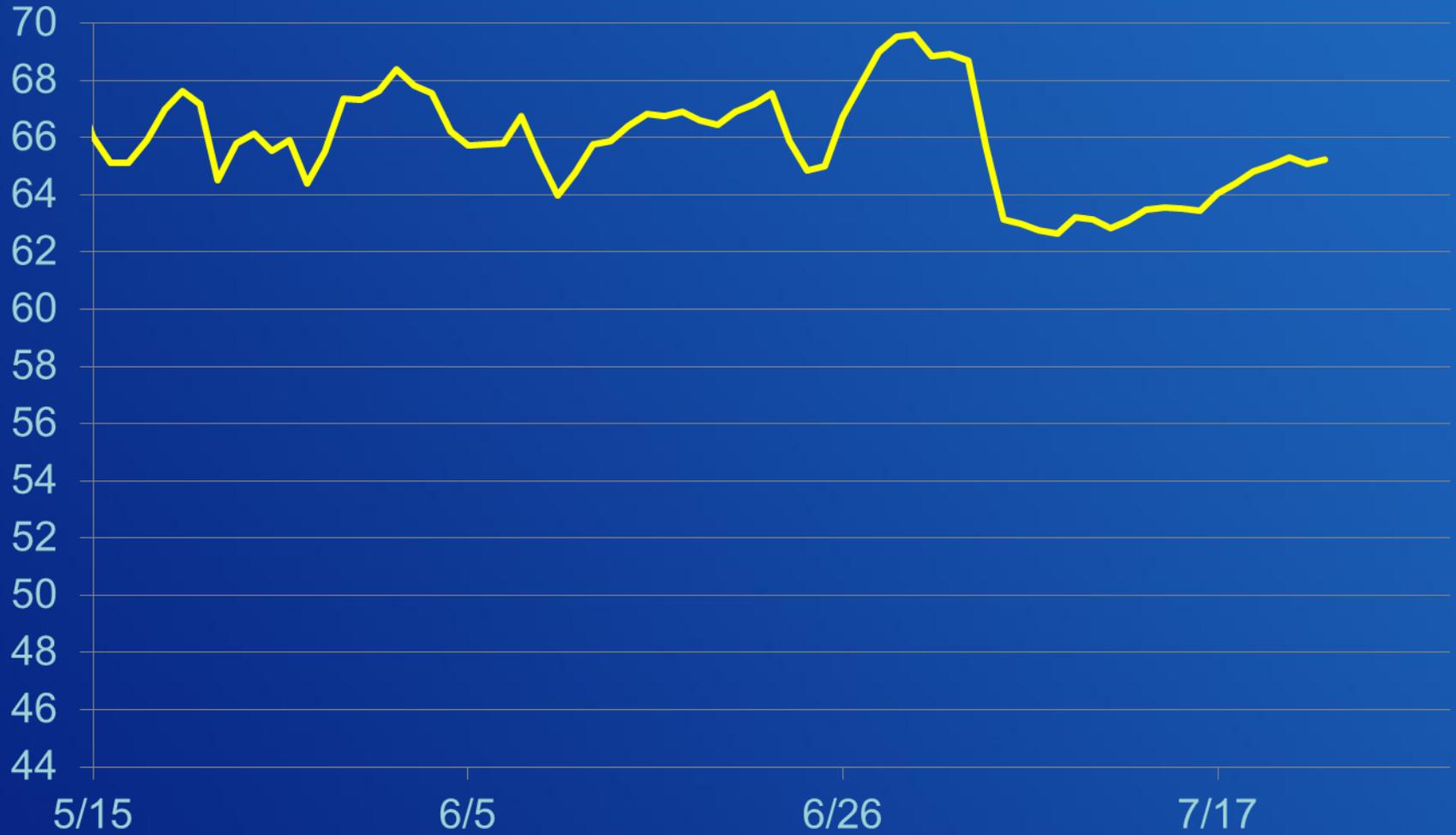


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# Lower American Temperature



— Watt Avenue Bridge

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# Dry Fall WY 2014 Storage

	<b>End of September (acre-feet)</b>	<b>End of December (acre-feet)</b>	<b>Average End of December (acre-feet)</b>
Trinity	1.3 m	1.2 m	1.6 m
Shasta	1.7 m	1.7 m	2.9 m
Folsom	350 k	300 k	450 k
New Melones	950 k	920 k	1.6 m
Federal San Luis	~70 k	~400 k	680 k



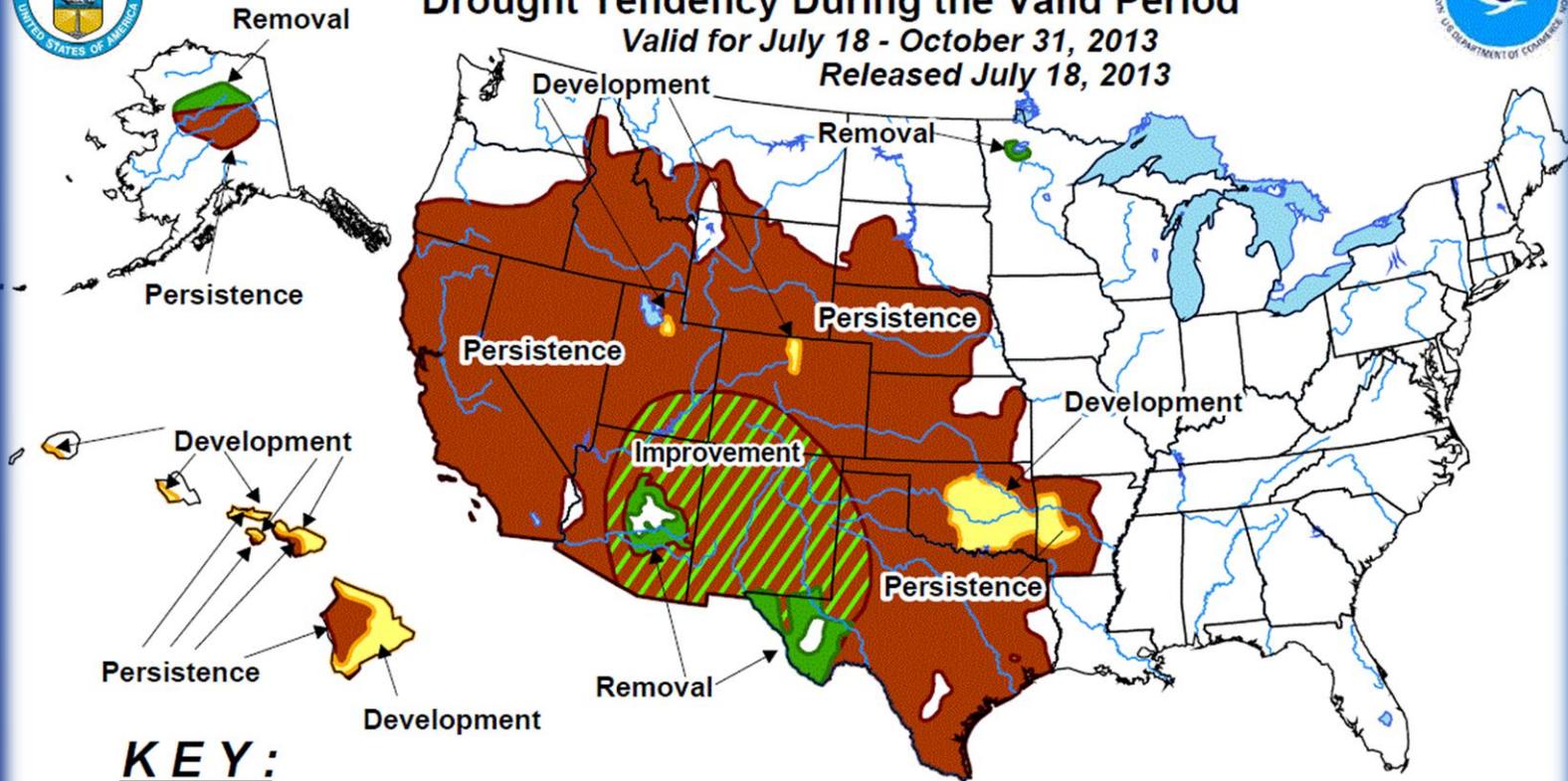


# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid for July 18 - October 31, 2013

Released July 18, 2013



### KEY:

-  Drought persists or intensifies
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely

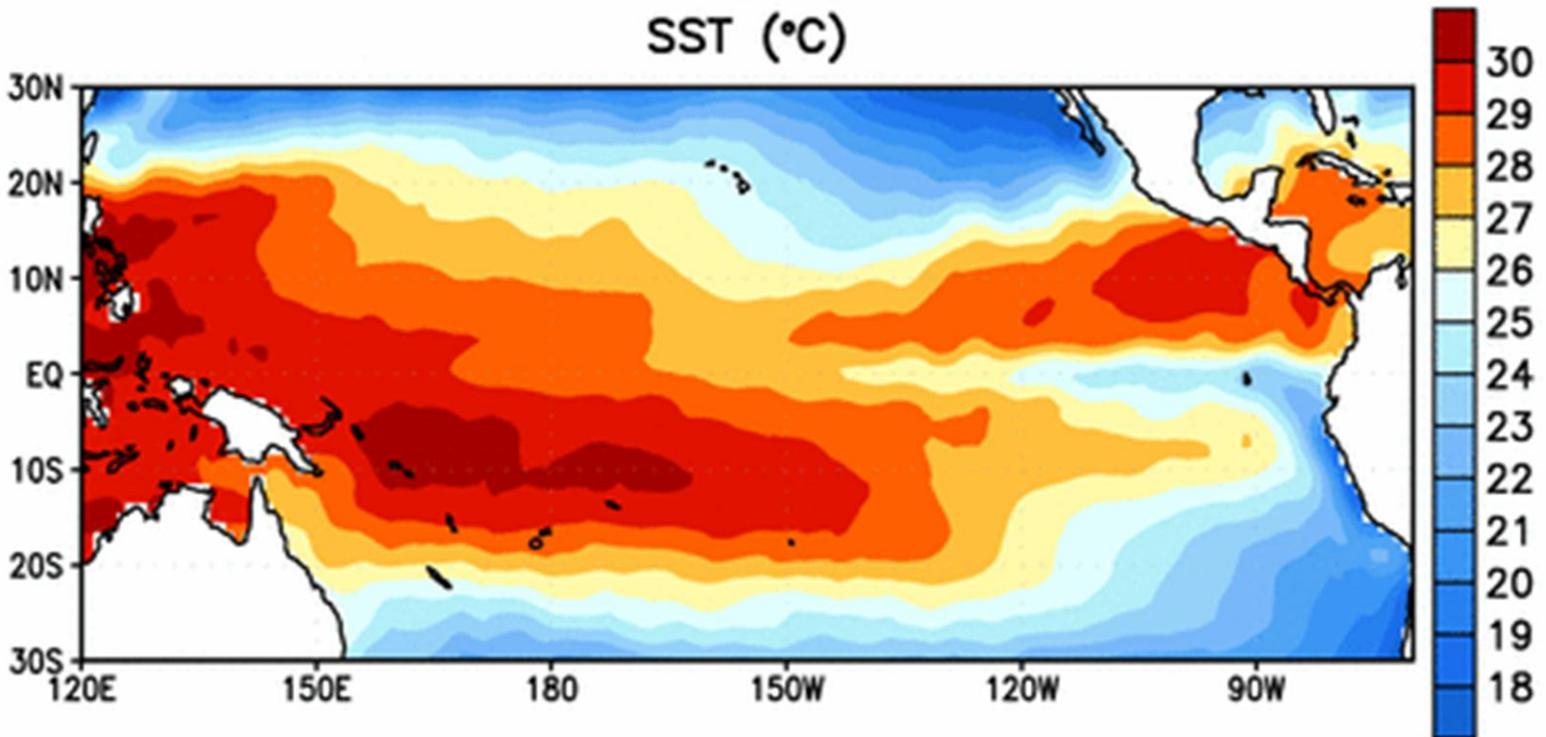
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor.

NOTE: The Green and Brown hatched areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period although drought will remain. The Green areas imply drought removal by the end of the period (D0 or none)

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# El Niño Outlook

Week centered on 01 MAY 2013  
SST (°C)



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# Questions ?



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