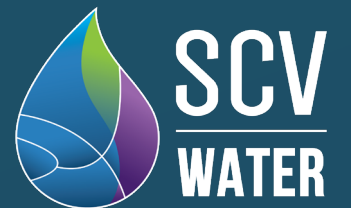




# STATUS OF WATER SUPPLIES

Water Resources and Watershed Committee  
June 12, 2024



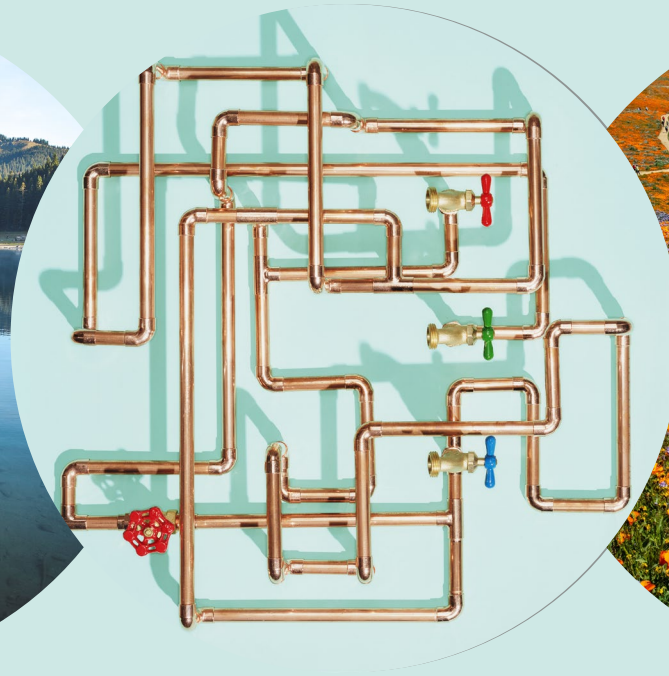


## Weather

Rain  
Snow  
Forecast



## Reservoirs



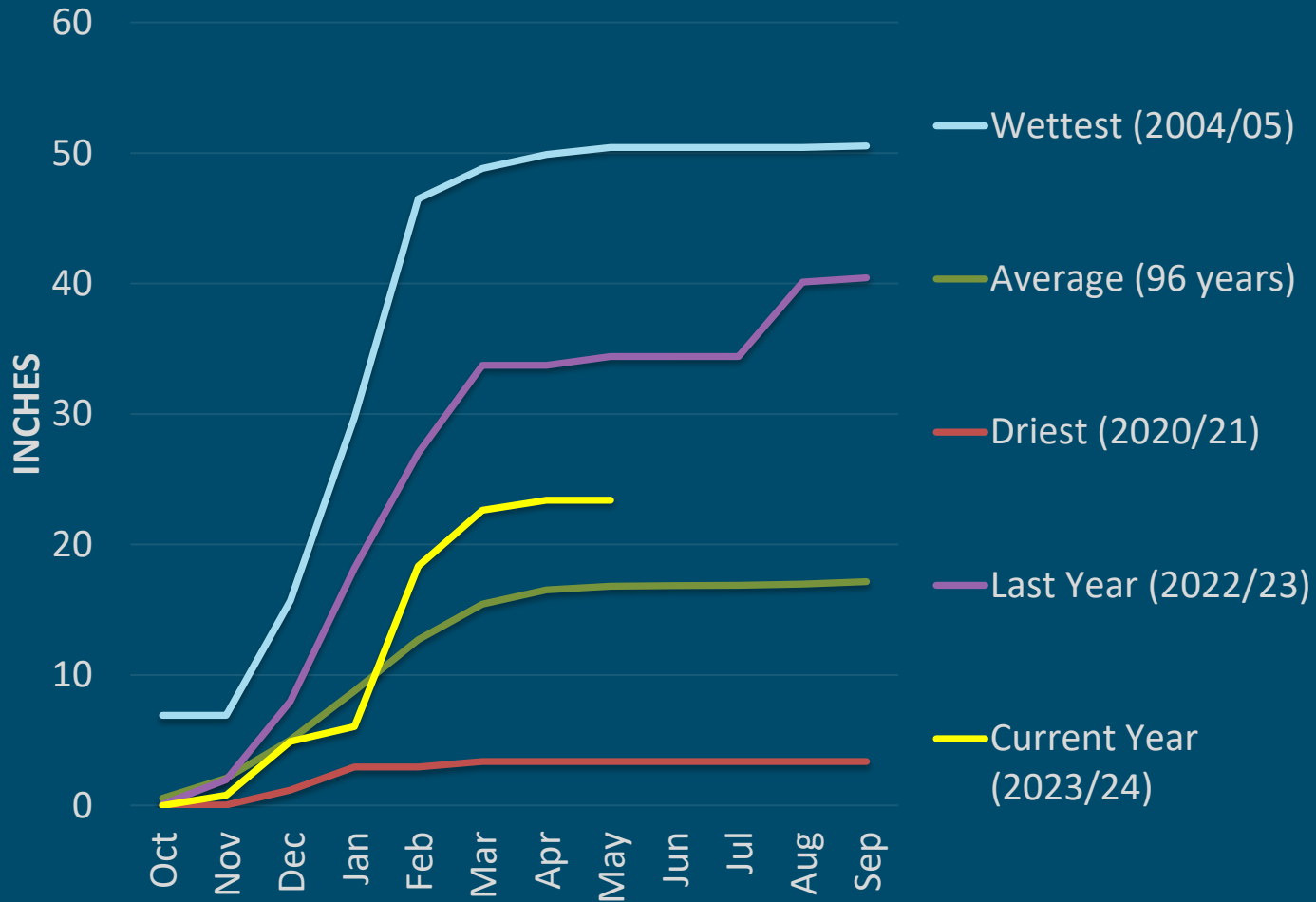
## Operations

Allocation  
2024 Plan



## Questions

## SCV Rainfall



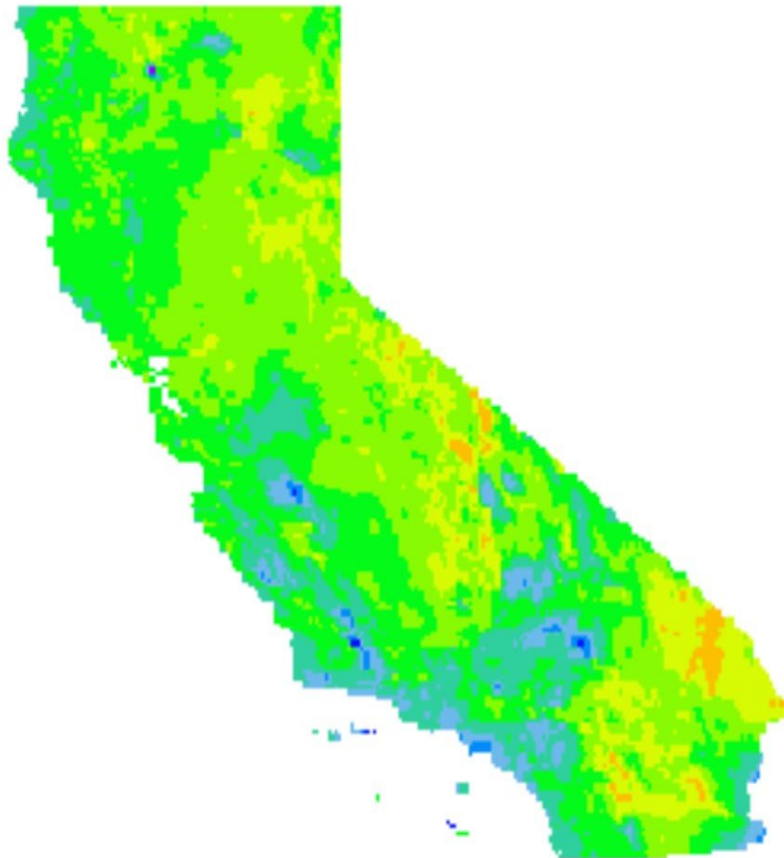
# SCV PRECIPITATION

Historical Average = 17.4"  
30 Year Average = 16.2"

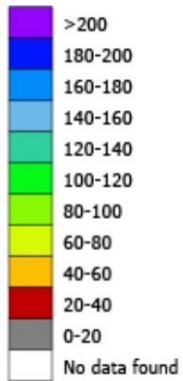
- 23.39" so far in WY 2024
  - 134% of historical annual average

# STATEWIDE PRECIPITATION

Water Year to Date Precipitation Percentage of Average (%) - 06/04/2024



Water Year to Date Precipitation  
Percentage of Average (%)



## Precipitation Statistics (period of record: 1981-current)

### Statewide as of 06/04/2024

Water Year to Date: **23.29"**

% of Average: **104%**

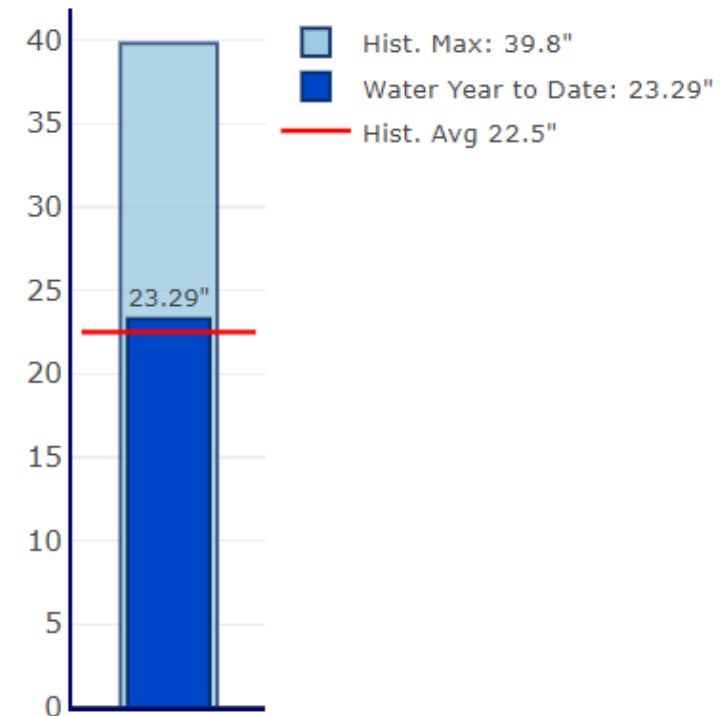
Precipitation % of average for  
full water year through  
September 30th: **98%**

### Historical Record to Date:

Max: **39.8"**

Mean: **22.5"**

Min: **11.03"**

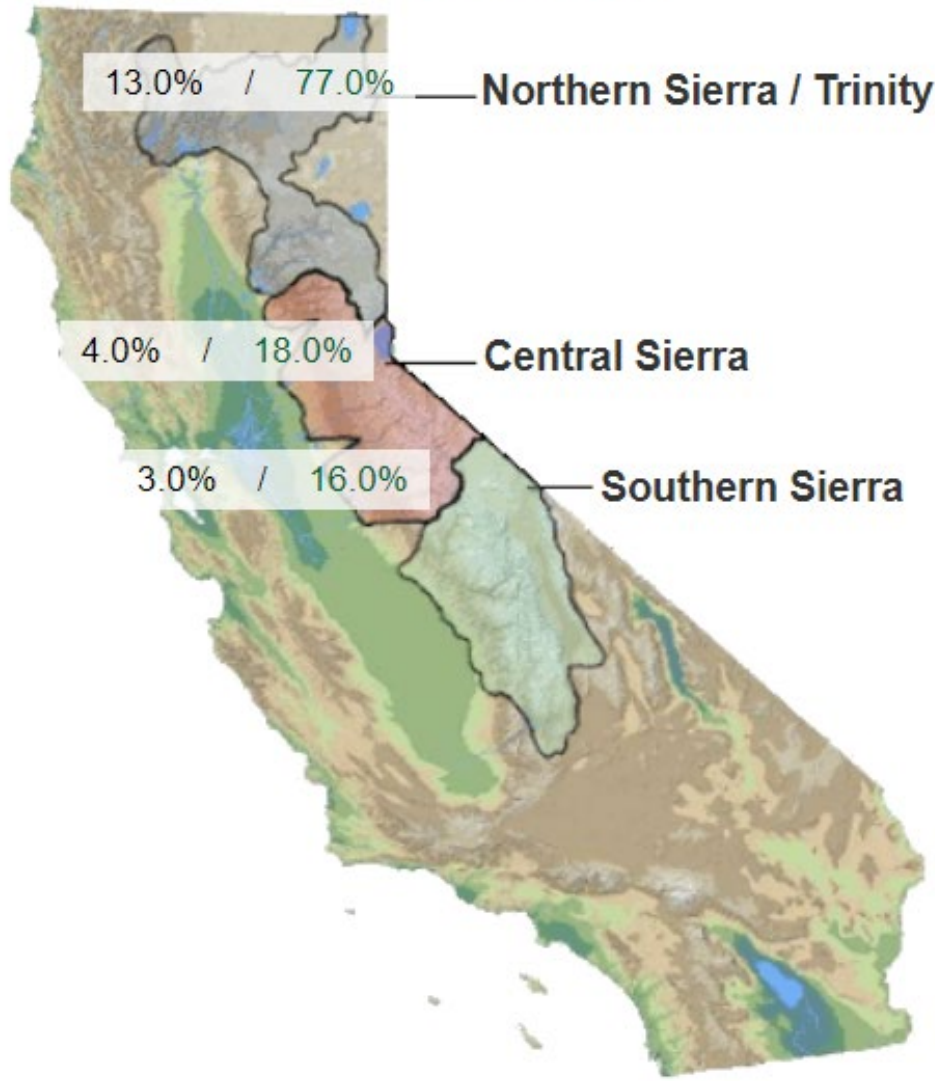


Precipitation for water year to date is  
104% of historical average

Source: California Water Watch -  
<https://cww.water.ca.gov/>

Data For: 07-Jun-2024

% Apr 1 Avg. / % Normal for this Date



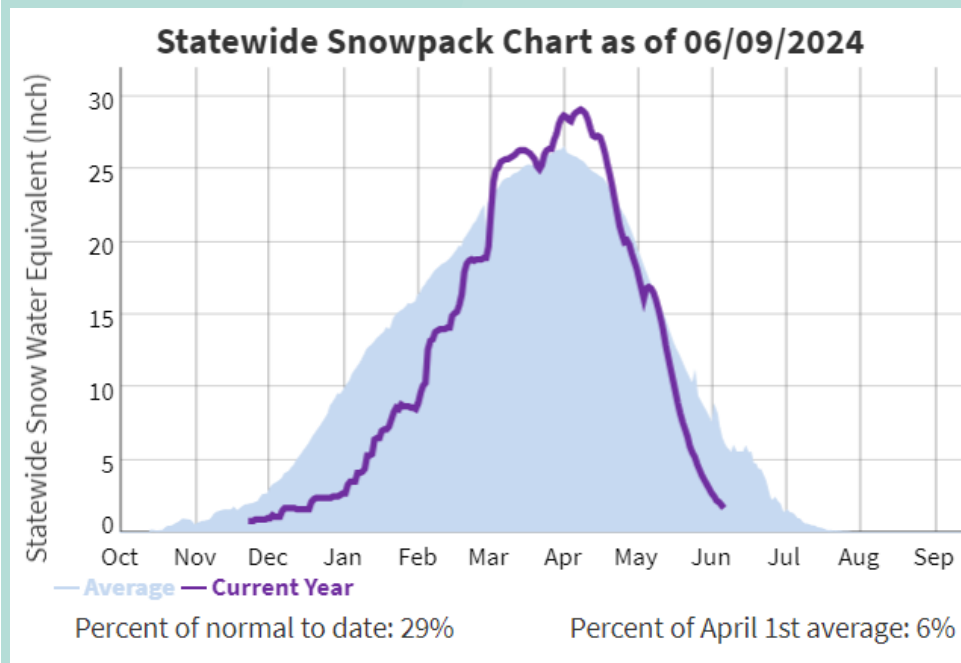
NORTH	
Data For: 07-Jun-2024	
Number of Stations Reporting	26
Average snow water equivalent	3.7"
Percent of April 1 Average	13%
Percent of normal for this date	77%

CENTRAL	
Data For: 07-Jun-2024	
Number of Stations Reporting	49
Average snow water equivalent	1.0"
Percent of April 1 Average	4%
Percent of normal for this date	18%

SOUTH	
Data For: 07-Jun-2024	
Number of Stations Reporting	27
Average snow water equivalent	0.7"
Percent of April 1 Average	3%
Percent of normal for this date	16%

STATEWIDE SUMMARY	
Data For: 07-Jun-2024	
Number of Stations Reporting	102
Average snow water equivalent	1.6"
Percent of April 1 Average	6%
Percent of normal for this date	29%

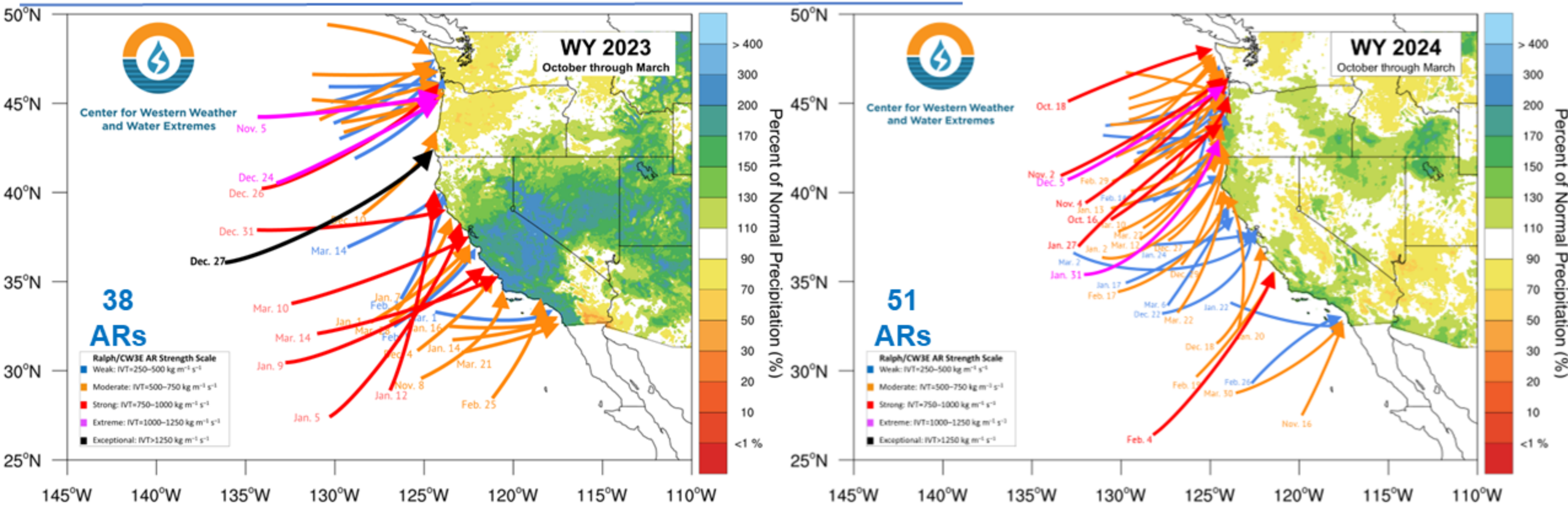
# STATEWIDE SNOWPACK



Source: California Water Watch - <https://cdec.water.ca.gov/snowapp/sweq.action> & <https://cww.water.ca.gov/>



# Water Year 2024 Compared to Water Year 2023



- Water Year 2023 experienced a total of **38 landfalling ARs** over the U.S. West Coast, 13 fewer than Water Year 2024.
- While WY 2024 experienced more ARs, a much larger majority, especially the stronger storms, only impacted the Pac. Northwest
- Water Year 2023 was dominated by a more southerly storm track, bringing stronger and more frequent ARs to California compared to the WY 2024
- This variation in storm track and storm strength during WY 2024 resulted in more widespread normal to near normal conditions across the West instead of the dipole and near record breaking precipitation in California in WY 2023.

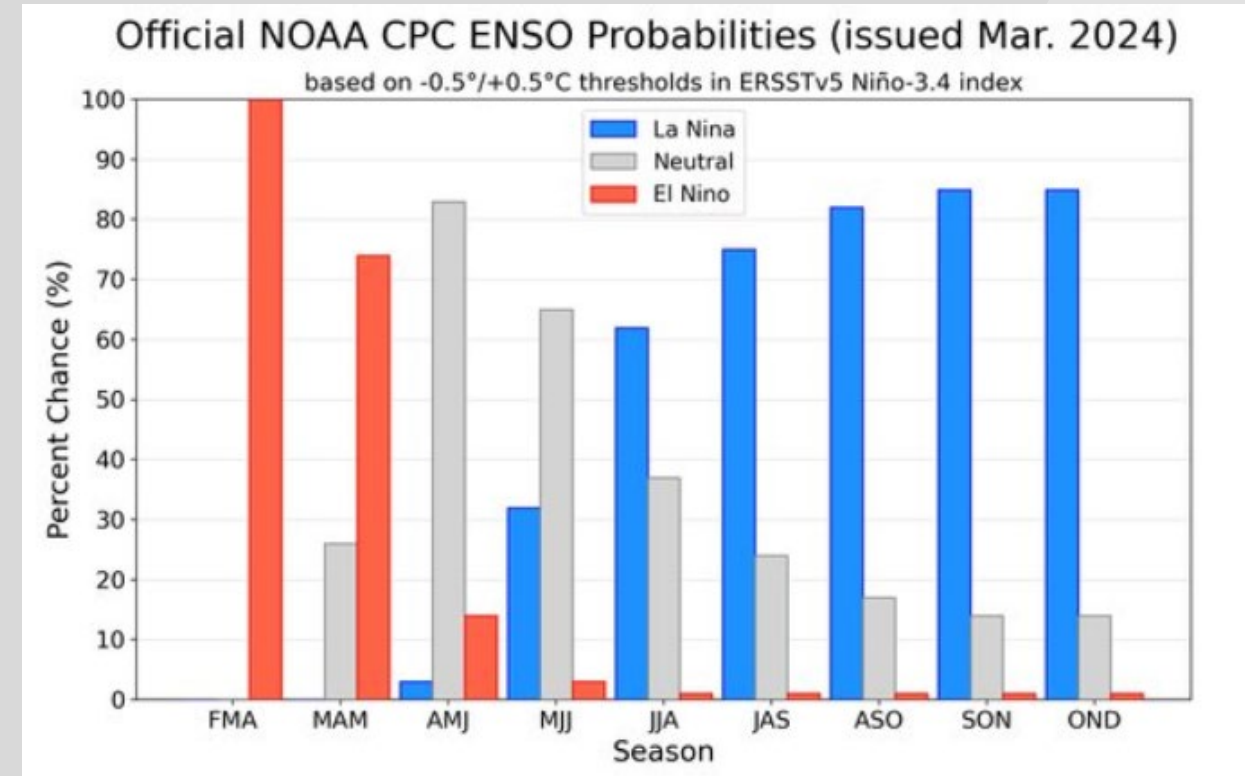
# WEATHER SHIFT

Current transition from El Niño to La Niña moving quickly

(see AMJ period on graphic)

- Climatologists observing when La Niña may peak for potential impacts
- **Potential impacts vary**
  1. Hot and dry fall
  2. Hot and wet fall

Source : <https://www.climate.gov/news-features/blogs/enso/may-2024-enso-update-were-10>



NOAA Climate Prediction Center forecast for each of the three possible ENSO categories for the next 8 overlapping 3-month seasons. Blue bars show the chances of La Niña, gray bars the chances for neutral, and red bars the chances for El Niño. Graph by Michelle L'Heureux.

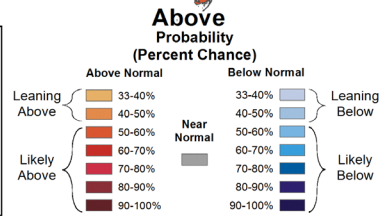
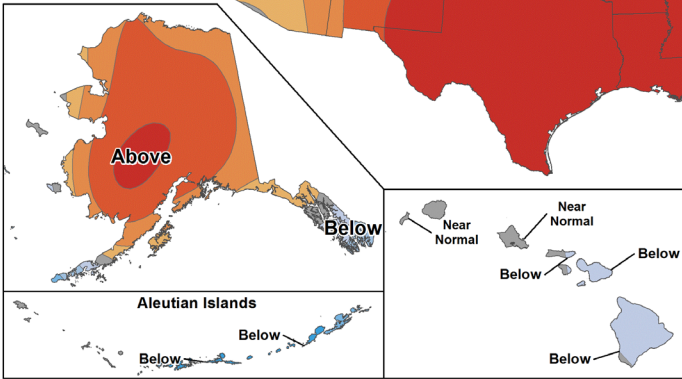
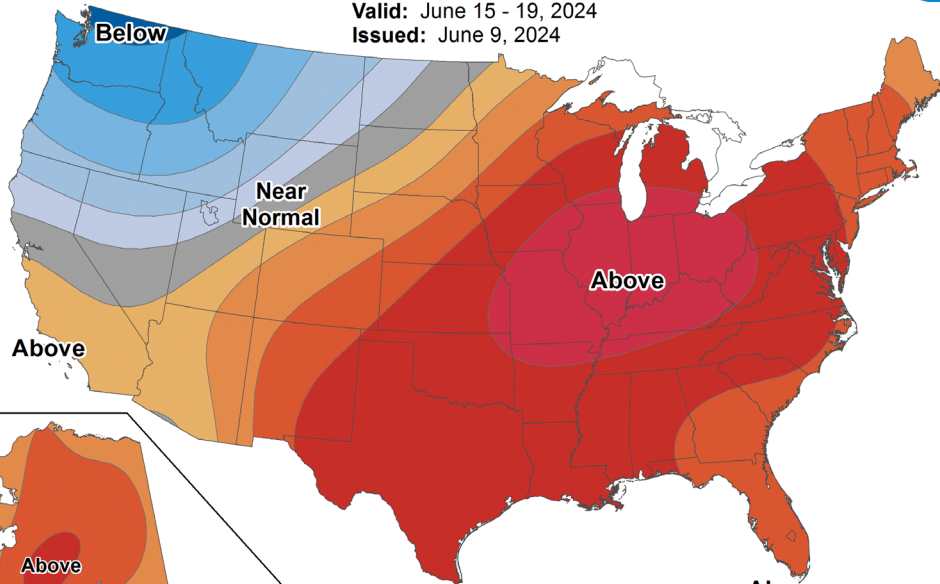
# 6-10 DAY FORECAST



## 6-10 Day Temperature Outlook



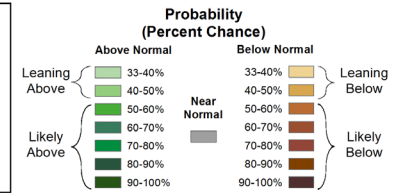
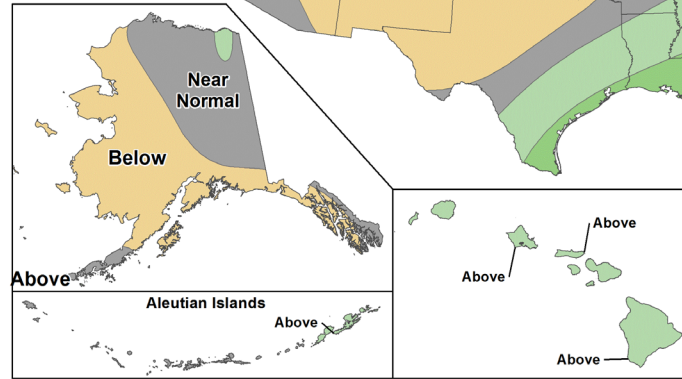
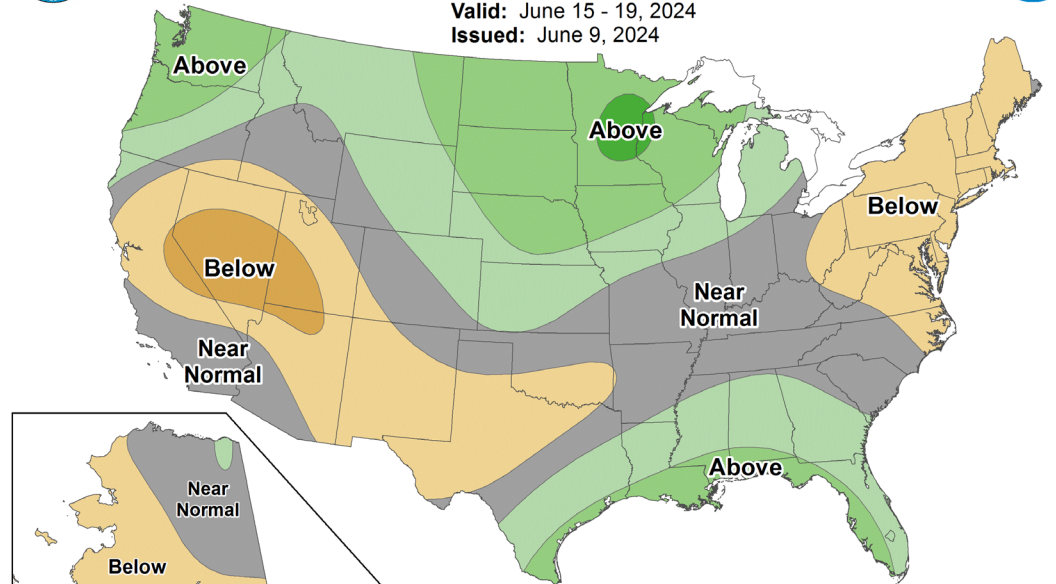
Valid: June 15 - 19, 2024  
Issued: June 9, 2024



## 6-10 Day Precipitation Outlook



Valid: June 15 - 19, 2024  
Issued: June 9, 2024





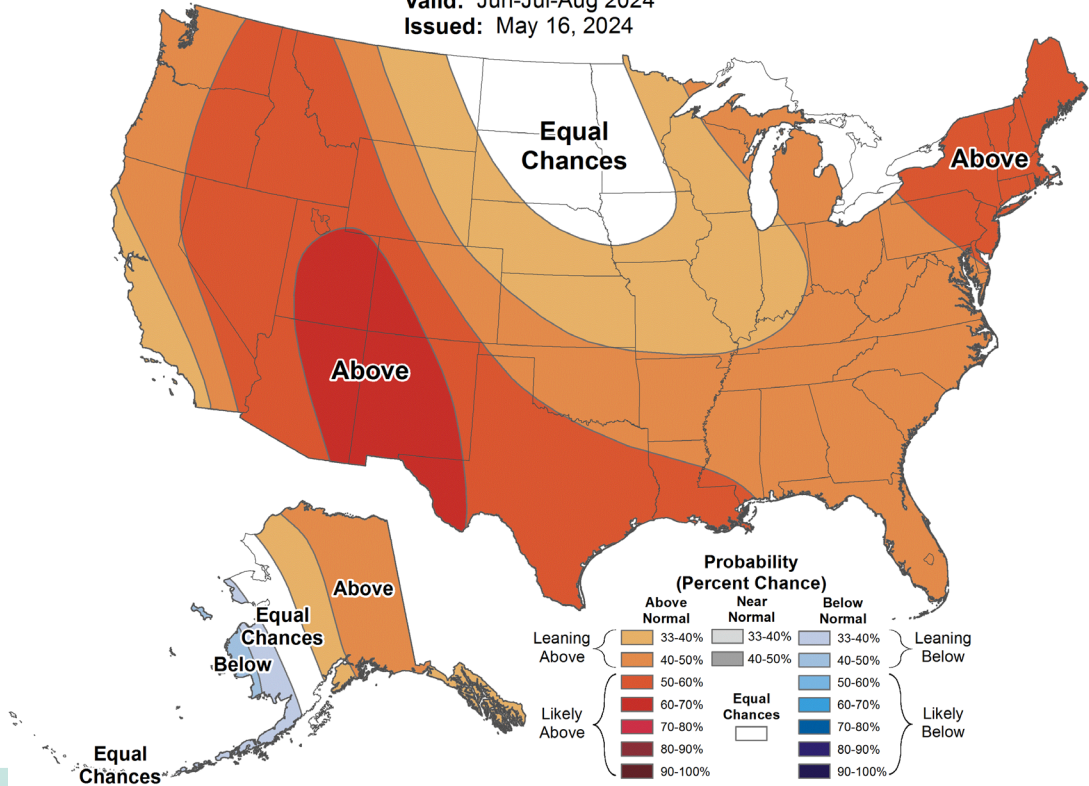
# 60-90 DAY FORECAST



## Seasonal Temperature Outlook



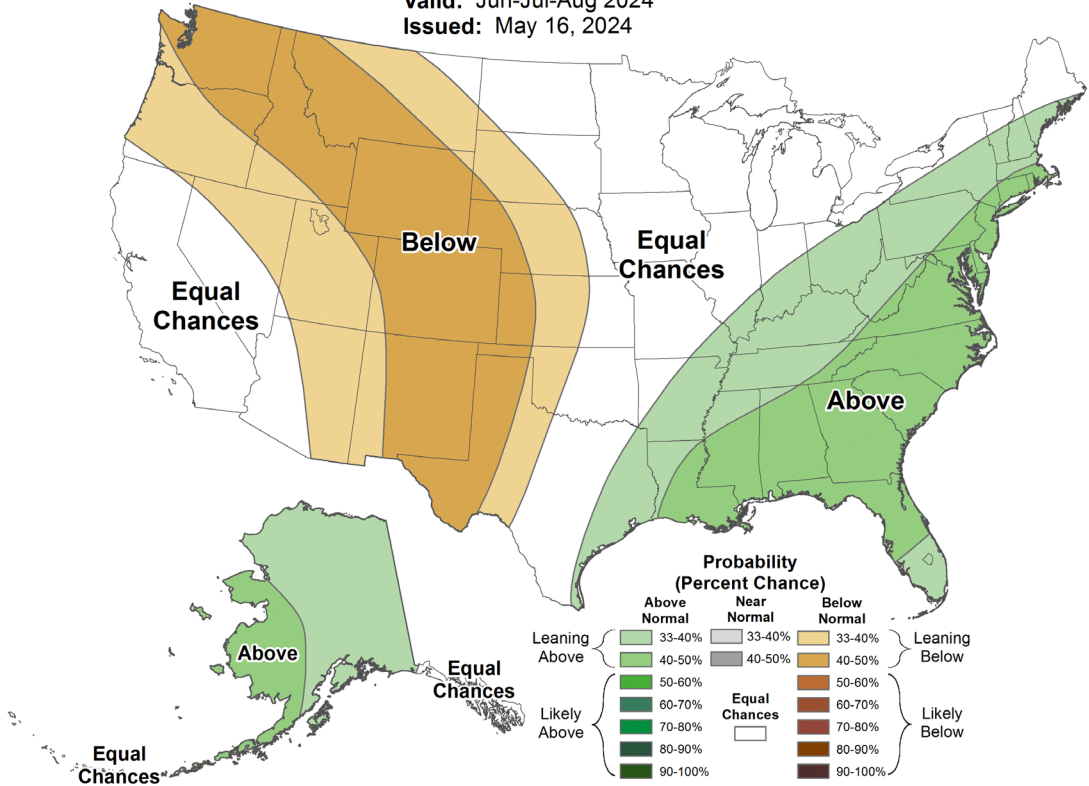
Valid: Jun-Jul-Aug 2024  
 Issued: May 16, 2024



## Seasonal Precipitation Outlook



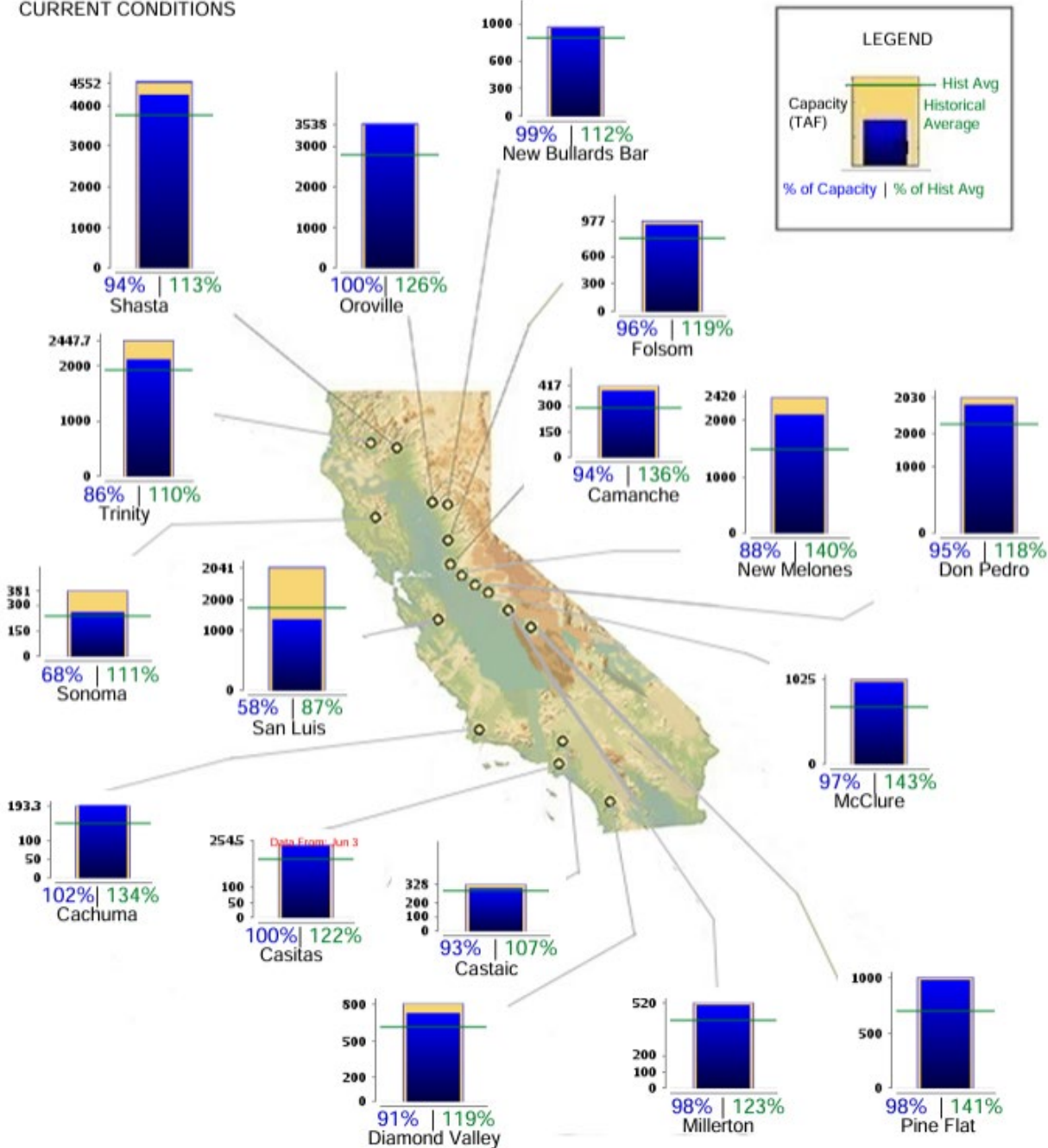
Valid: Jun-Jul-Aug 2024  
 Issued: May 16, 2024



# CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

Midnight - June 4, 2024

CURRENT CONDITIONS

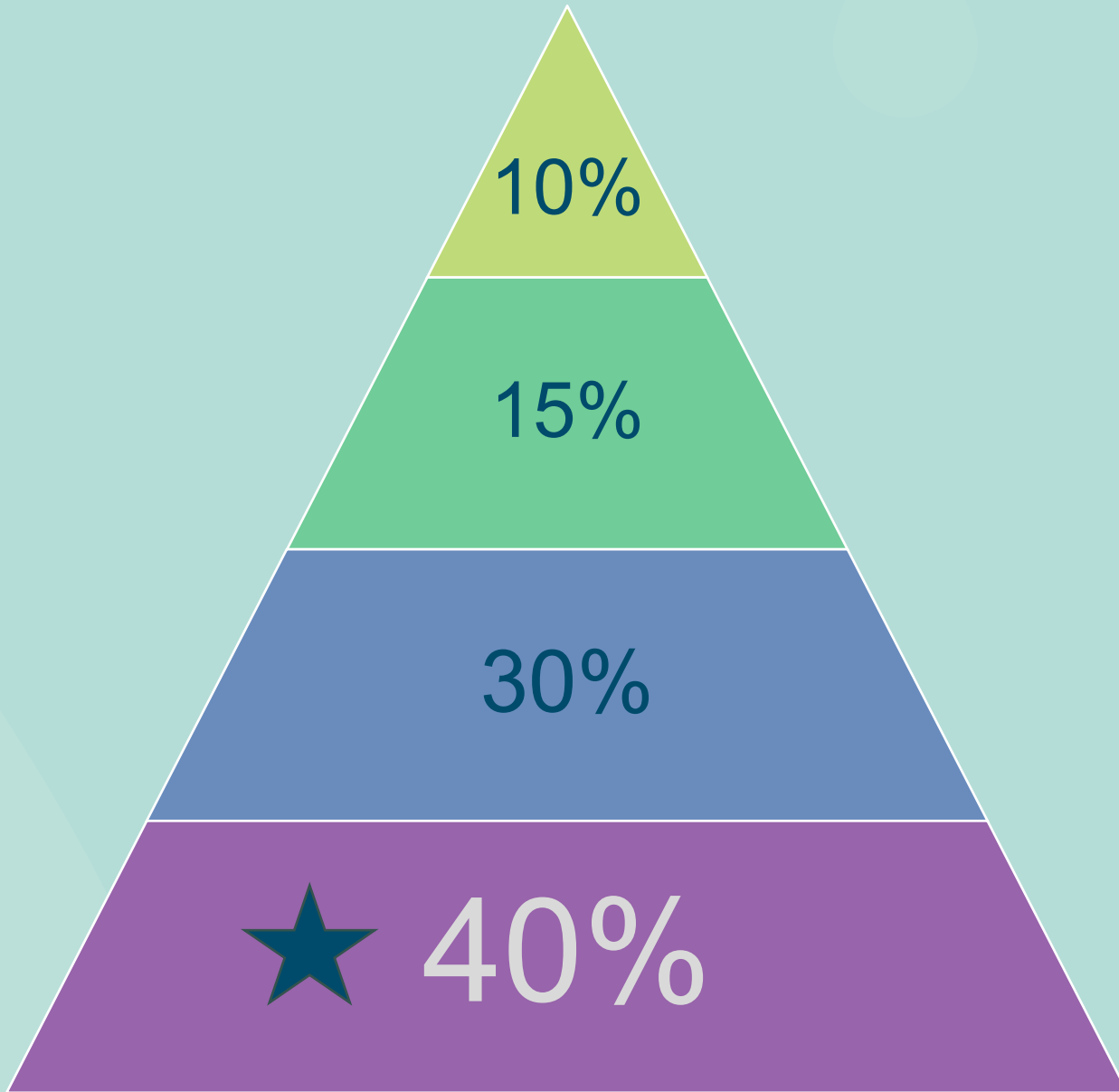


Updated 06/05/2024 04:48 PM

# RESERVOIR CONDITIONS

Source:  
<https://cdec.water.ca.gov/resapp/RescondMain>





## SWP ALLOCATION INCREASED!

- April 23<sup>rd</sup> allocation increase to 40%
- Expect this to be final adjustment for 2024
- Water Supply Index category “Above Normal”

# 2024 OPERATING PLAN

- Updates highlighted in red
  - 40% SWP Allocation increase
  - Banking program recharge
    - Semitropic – 3,000 AF
    - RRB – 7,000 AF
  - Yuba Accord supply requested
    - 823 AF @ \$128/AF
    - Currently no transfer capacity - TBD
- Supplies used to date
  - 29% groundwater
  - 70% imported
- Demands January-May
  - 14% less then forecasted

2024 Operating Plan 6-1-24	2024 30% SWP Allocation (March)	2024 40% SWP Allocation (June)	2025 5% SWP Allocation
<b>Demand</b>	57,500	57,500	60,500
<b>Groundwater Supplies</b>	18,050	18,050	22,840
Alluvium	10,900	10,900	11,840
Saugus	7,150	7,150	11,000
Recycled Water	500	500	500
<b>Imported Demand</b>	<b>38,950</b>	<b>38,950</b>	<b>37,160</b>
<b>Imported Supplies</b>			
SWP Table A	28,560	38,080	4,760
BVRRB	11,000	11,000	11,000
<b>Total Available Imported Supplies</b>	<b>39,560</b>	<b>49,080</b>	<b>15,760</b>
<i>Excess Imported Supplies (neg = shortfall)</i>	610	10,130	(21,400)
<b>Dry Year Water Supplies</b>			
SWP Carryover-Art 56 (not guaranteed)	18,000	18,000	21,297
Rosedale Banking		(7,000)	
Semitropic SWRU Banking		(3,000)	5,000
RRB 2023 Exchange			6,000
AVEK 2019 EXCHANGE	2,344	2,344	
YUBA WATER ACCORD	500	823	1,000
Conservation WSCP demand reduction			
Devils Den Sale	(500)	(500)	
Flexible Storage (up to 6,060 AF)			
<b>Potential SWP Carryover at End of Year (neg = shortage)</b>	<b>21,454</b>	<b>21,297</b>	<b>11,897</b>



# QUESTIONS