



# Water Supply Conditions Report

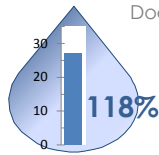
As of: 05/21/2017

## 2017 Colorado River

959,000 AF

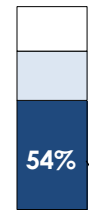
77% of full CRA

Does not include storage withdrawals



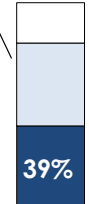
27.0"

24.3 MAF



POWELL  
13.09 MAF

26.1 MAF



MEAD  
10.25 MAF  
1082.88 FT



Peak Snowpack % of Normal April 1

Runoff Forecast WY

Turn page for more CRA Data

Flip Over for SWP Data

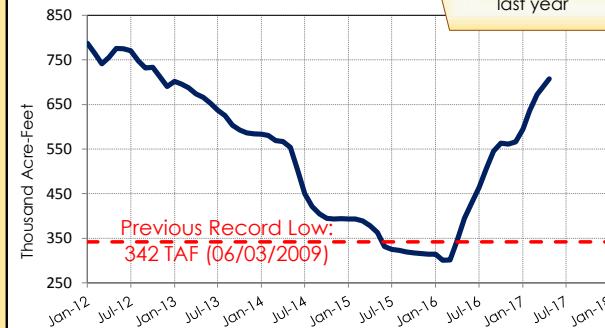
## Highlights

- Current Runoff Forecasts: Northern Sierra (224%), Owens River Basin (215%), and Upper Colorado River Basin (115%).
- Chance of shortage for the Lower Colorado River Basin in 2018 is negligible.

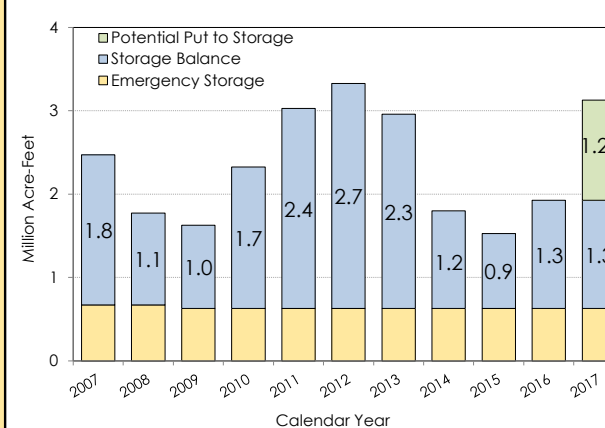
## Diamond Valley Lake Storage

Capacity: 810 TAF

329 TAF more in storage than this time last year

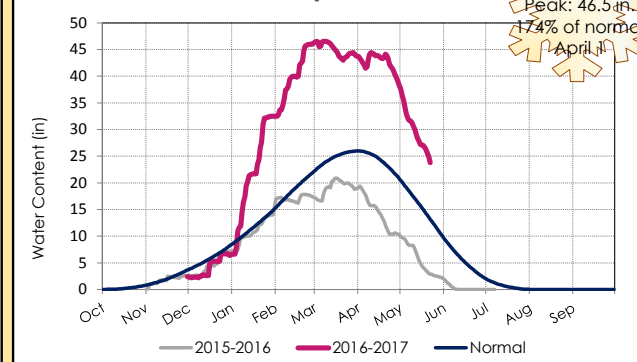


## MWD Storage Reserve Levels



## Southern Sierra Snowpack

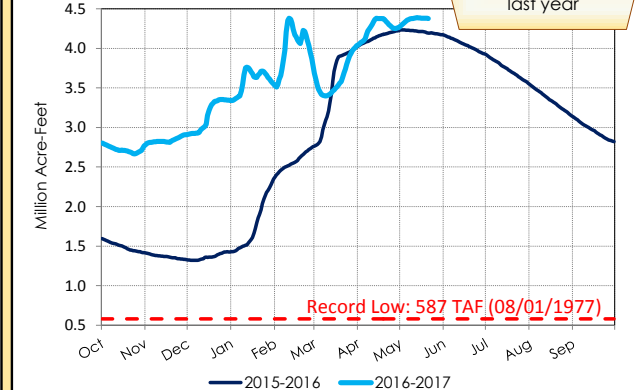
Peak: 46.5 in  
174% of normal April 1



## Lake Shasta Reservoir Storage

Capacity: 4.55 MAF

183 TAF more in storage than this time last year



This report is produced by the Water Resource Management and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale.

<http://www.mwdh2o.com/WSCR>

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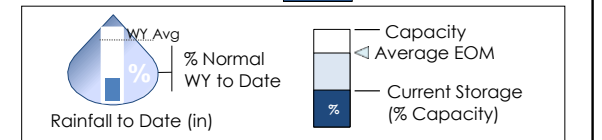
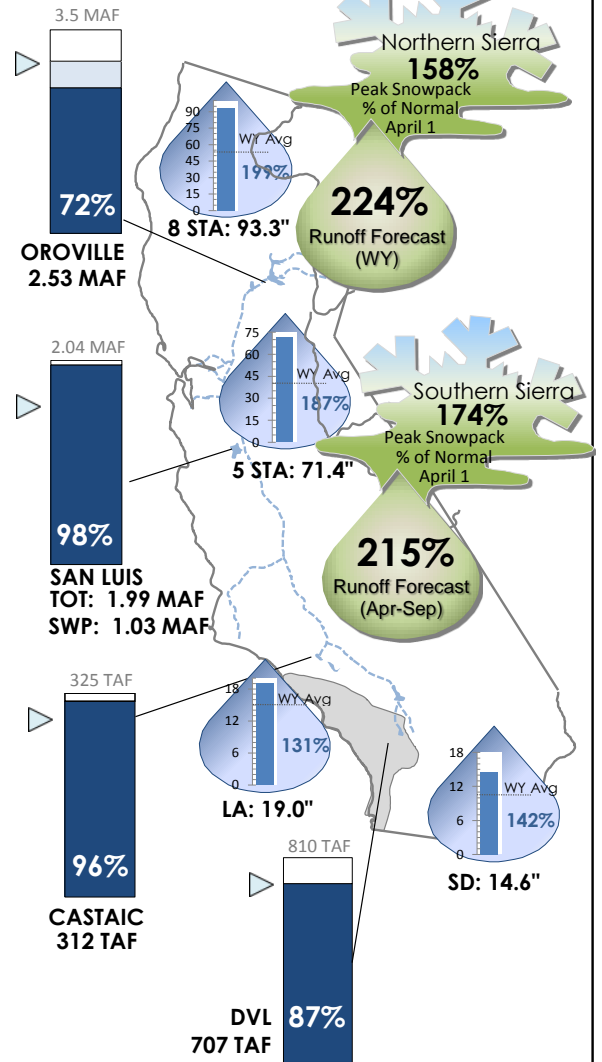
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As of: 05/21/2017

## 2017 SWP Allocation

1,624,775 AF

85% of Table A



Flip Over for CRA Data

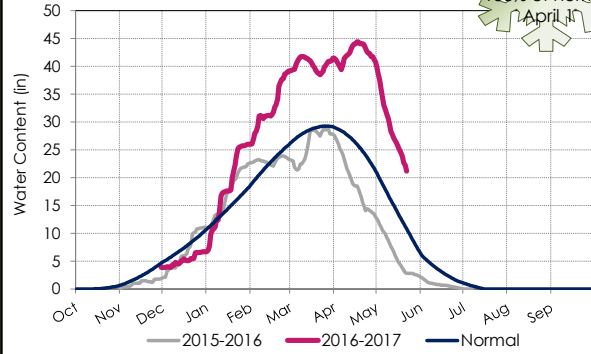
Turn page for more SWP Data

As of: 05/21/2017

# State Water Project Resources

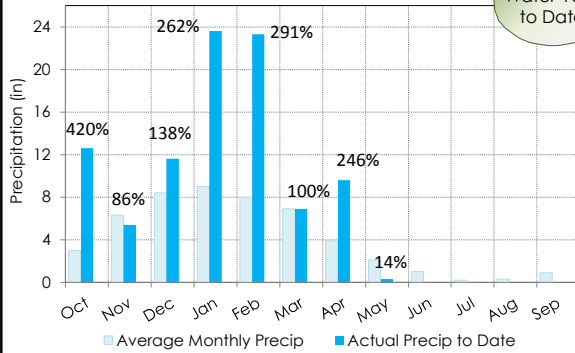
## Northern Sierra Snowpack

Peak: 44.4 in  
158% of normal  
April 1



## 8 Station Index Precip

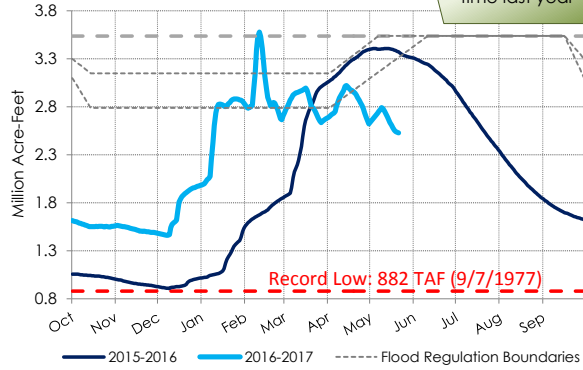
93.3 in.  
Water Year to Date



## Oroville Reservoir Storage

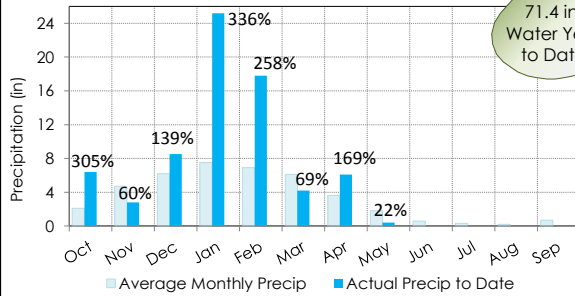
Capacity: 3.5 MAF

832 TAF less in storage than this time last year



## 5 Station Index Precip

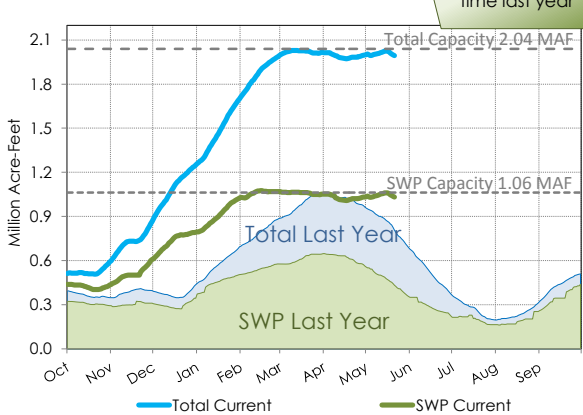
71.4 in.  
Water Year to Date



## San Luis Reservoir Storage

Capacity: 2.04 MAF

608 TAF more in SWP storage than this time last year

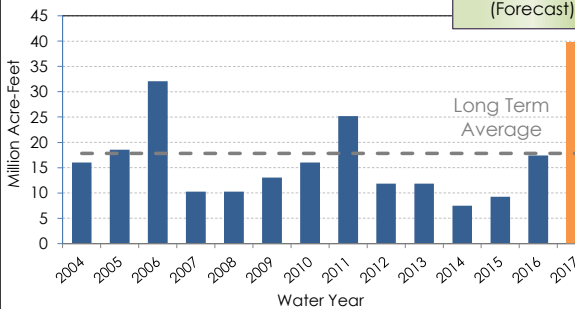


## Other SWP Contract Supplies for 2017 (AF)

Transfer/Exchanges	16,000
Article 21	100,000
Pool A/B (Purchased)	0
Carryover Supplies	210,000

## Sacramento River Runoff

WY 2017  
224% of normal  
(Forecast)

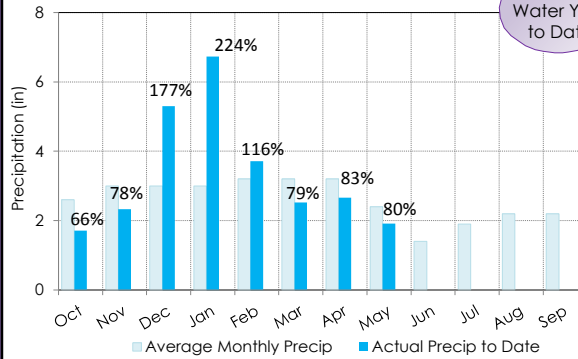


# Colorado River Resources

As of: 05/21/2017

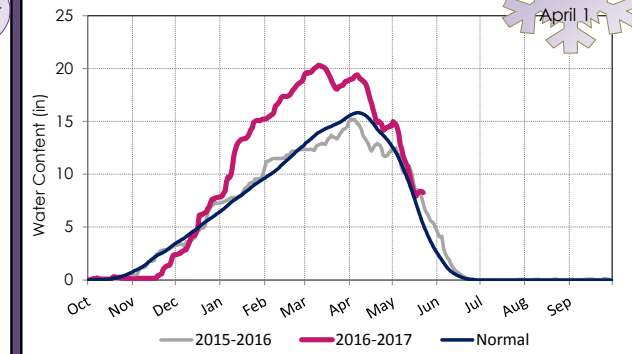
## Upper Colorado Basin Precip

27.0 in.  
Water Year to Date



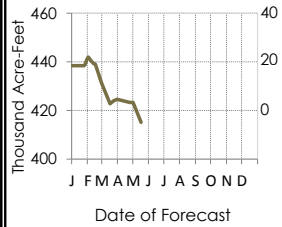
## Upper Colorado Basin Snowpack

Peak: 20.3 in  
128% of normal  
April 1

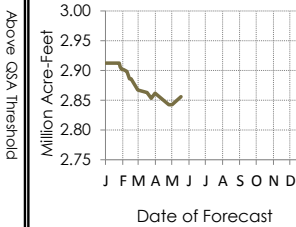


## 2017 Colorado River Ag Use

PVID/Yuma (QSA Priority 1 & 2)



IID/CVWD (QSA Priority 3a)



## Lake Powell Storage

Capacity: 24.3 MAF

1.55 MAF more in storage than this time last year



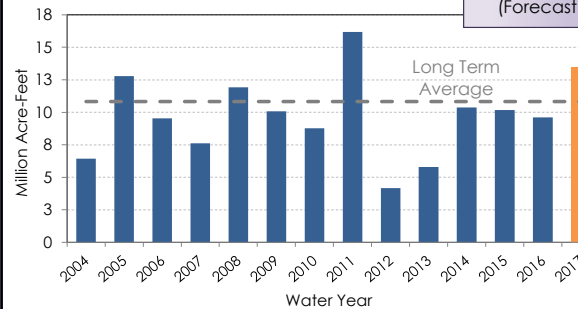
## Lake Mead Shortage/Surplus Outlook

	2018	2019	2020	2021	2022
Shortage	N	31%	32%	34%	39%
Surplus	0%	5%	13%	18%	21%

Likelihood based on results from the April 2017 USBR MTOM/CRSS model run. Chance of shortage for 2018 is "N" - Negligible.

## Powell Unregulated Inflow

WY 2017  
115% of normal  
(Forecast)



## Lake Mead Storage

Capacity: 26.1 MAF

705 TAF more in storage than this time last year

