

Central Services  
**Joan Araujo**, Director

Engineering Services  
**Christopher Cooper**, Director

Transportation  
**David Fleisch**, Director

Water & Sanitation  
**Joseph Pope**, Director

Watershed Protection  
**Glenn Shephard**, Director

Representing: Ventura County Waterworks District Nos. 1, 16, 17, 19, and 38

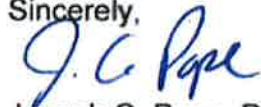
October 3, 2019

**NOTICE OF A MEETING OF THE  
VENTURA COUNTY WATERWORKS DISTRICT NO. 1  
CITIZENS' ADVISORY COMMITTEE**

NOTICE IS HEREBY GIVEN that a Meeting of the Ventura County Waterworks District No. 1 Citizens' Advisory Committee will be held **Thursday, October 10, 2019, from 3:30 p.m. to adjournment** at the Moorpark Office, 6767 Spring Road, Moorpark, California.

Advisory Committee Members: Please contact the District Office by telephone at (805) 378-3005, or by email at [wspc@ventura.org](mailto:wspc@ventura.org), no later than Monday, October 7, 2019 if you are unable to attend.

Sincerely,



**Joseph C. Pope**, Director  
**Water and Sanitation Department**

**AGENDA OF THE MEETING**

1. CALL TO ORDER
2. APPROVAL OF THE MINUTES OF THE APRIL 11, MAY 28, AND SEPTEMBER 12, 2019 MEETING.
3. PUBLIC COMMENTS

Members of the public may address the Citizens' Advisory Committee (CAC) on items of interest to the public that are within the subject matter jurisdiction of the Committee but do not appear on the agenda. With respect to agenda items, the public will be given an opportunity to address the Committee when the item is reached in the meeting.

4. DISTRICT STAFF REPORT



- A. CAPITAL PROJECTS - The Capital Project Status Report provides regular reporting on the status of active capital projects within the District.
  - B. WATER QUALITY REPORT - A report regarding water quality complaints, if any, received by the District since the previous CAC meeting and how these complaints were resolved.
  - C. WATER SUPPLY CONDITIONS - An update on water supply conditions within the District, Southern California, and throughout the State.
  - D. FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) /LAS POSAS USERS GROUP (LPUG) UPDATE - An update on decisions and/or rulings by the GMA and LPUG which may impact the District.
  - E. CALLEGUAS MUNICIPAL WATER DISTRICT / METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE - An update on decisions and rulings by these agencies which may impact the District.
  - F. AVENUES OF PUBLIC OUTREACH - An update on how the District is reaching out to its customers concerning water conservation.
  - G. BOARD LETTER TRACKER - AN UPDATE ON VENTURA COUNTY BOARD OF SUPERVISORS AGENDA ITEMS RELATED TO THE DISTRICT - A status report on items the District may be presenting, or has recently presented, before the Ventura County Board of Supervisors.
  - H. AN UPDATE ON THE BRIEF ON THE LAS POSAS VALLEY WATER RIGHTS COALITION ADJUDICATION - On March 27, 2018 a property-eminant domain case was filed by Las Posas Valley Water Rights Coalition against the Fox Canyon Groundwater Management Agency (GMA).  
  
The plaintiff's landowner's complaint alleges that the GMA already has imposed pumping restriction that violate their overlying groundwater rights as part of a plan to boost municipal pumping for urban areas.
  - I. BUDGET AND FINANCIAL REVIEW - An update on the budget and financial status.
5. DIRECTOR'S INFORMATIONAL ITEMS- provides the opportunity for the Director to present items that are not within the subject matter of the District's Staff Report.



6. COMMITTEE MEMBERS COMMENTS/FUTURE AGENDA ITEMS

7. ADJOURNMENT

IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, IF YOU NEED SPECIAL ASSISTANCE TO PARTICIPATE IN THIS MEETING, PLEASE CONTACT CAYTLYN CAYLOR AT (805) 378-3005. REASONABLE ADVANCE NOTIFICATION OF THE NEED FOR ACCOMMODATION PRIOR TO THE MEETING (48 HOURS ADVANCE NOTICE IS PREFERABLE) WILL ENABLE US TO MAKE REASONABLE ARRANGEMENTS TO ENSURE ACCESSIBILITY TO THIS MEETING.



# **DRAFT**

## **CITIZENS' ADVISORY COMMITTEE VENTURA COUNTY WATERWORKS DISTRICT NO. 1 MINUTES OF THE APRIL 11, 2019, MEETING**

COMMITTEE MEMBERS IN ATTENDANCE: John Newton, David Schwabauer, Roy Talley, Andy Waters

COMMITTEE MEMBERS ABSENT: Daniel Groff

COMMITTEE MEMBER VACANCY: None

STAFF: Michaela Brown, Director  
Sandy Harrison

GUESTS: None

\* \* \*

1. CALL TO ORDER

The meeting was called to order at 3:35 p.m.

2. APPROVAL OF THE MINUTES OF THE April 11, 2019 REGULAR MEETING –

Vote: Yeas – Nays –; Abstained; Absence –; Motion carried-.

3. PUBLIC COMMENTS –

None

4. DISTRICT STAFF REPORT –

A. CAPITAL PROJECTS -

i. District 1 Desalter

1. Ms. Brown stated we are finalizing the agreement with Calleguas to use their groundwater modeling to run two modeling cycles at no cost.

ii. Storm water Capture and Groundwater recharge

1. Ms. Brown discussed a call she had from Susan regarding a grant from Metropolitan. There may be an opportunity to do a presentation to Metropolitan Water District about the project.

iii. Recycled water pump upgrade

1. This project got awarded APWA project of the year.

2. APWA will be presenting this award to the Public Works Agency at the Board of Supervisors meeting during public works day May 21<sup>st</sup>.
  - iv. Stockton Reservoir
    1. Restarting real estate efforts to secure easement and completing design and specs.
  - v. Walnut Acres waterline replacement
    1. We are still in the early design.
  - vi. Home Acres reservoir and pipeline
    1. Ms. Brown discusses the history of this project.
    2. Members discuss possible outcomes.
  - vii. Left Turn Lane on HWY 118
    1. We got approval from Caltrans to manage the project
    2. Real estate is working on getting the additional right of way on the north side
- B. WATER QUALITY REPORT -
  - i. 1 Odor Complaint (not heard back from customer yet)
  - ii. 2 Pressure Complaints (resolved)
    1. Pressure regulator on customer side
    2. Leak on property
- C. WATER SUPPLY CONDITIONS -
  - i. Great conditions, everything above normal
  - ii. Out of drought officially except for southern-most counties.
- D. FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) / LAS POSAS USERS GROUP (LPUG) UPDATE –
  - i. No updates on Fox Canyon GMA
  - ii. LPUG – Mr. Waters stated he was reelected as chairman, pushing to keep the county involved in what's going on
- E. CALLEGUAS MUNICIPAL WATER DISTRICT / METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE –
  - i. Susan Mulligan, General Manager, has retired. Eric Bergh is acting General Manager.
- F. UPDATE ON THE MOORPARK DESALTER -

- No information to report.

G. AVENUES OF PUBLIC OUTREACH -

- No information to report.

H. BOARD LETTER TRACKER

- i. 21<sup>st</sup> – APWA project of the year receipt and file.
- ii. Regulatory updates for sewer for Rule and Reg changes.
- iii. Water standby charges, request to add to property tax bill go to the Board of Supervisors on June 11<sup>th</sup>.

I. AN UPDATE ON THE BRIEF ON THE LAS POSAS VALLEY WATER RIGHTS COALITION ADJUDICATION

- i. Initial mediation required by current judge on June 6-7.
- ii. We have met with County Counsel and Harper Bridgett to focus on strategy and required documents to support our position of purveyor water rights.

J. UPDATE ON THE AGRICULTURAL FOCUS GROUP

- i. There were no good agenda items, so Ms. Brown didn't hold one this time.
- ii. We are pushing for the agenda items and meeting focus to come from the Ag community.

K. BUDGET AND FINANCIAL REVIEW

- No information to report. Will have the information in the next meeting.

5. COMMITTEE MEMBER'S COMMENTS/FUTURE AGENDA ITEMS

- i. The state is going to create District wide water budget, but this process may conflict with Prop 218 regulations.
- ii. Ms. Brown talked about the current Waterworks District logo and Public Agencies logo. Ms. Brown stated, Jeff wants more visibility on the utility of the Public Works Agency.
- iii. Ms. Brown talked about the Valve Exercising Program; water distribution valves seat underground and they don't get exercised on a regular basis. Asset management system made this process easier to track. District has a new valve turning machine and will be tracking

Minutes of the Ventura County Waterworks District No. 1  
Citizens' Advisory Committee Special Meeting  
Ventura County Water and Sanitation Department  
Minutes of the April 11, 2019, Regular Meeting  
Page 4 of 4

what valves have been exercised and where. There are about six thousand valves in the system.

- iv. Mr. Brown stated she received a call and email from Mr. Troy Brown about Summer Vineyard's construction work to tie into a 20-inch line to the property. She states the property is under our District. Not inside City limits.

6. ADJOURNMENT

- Meeting adjourned at 4:25 p.m.

# **DRAFT**

## **CITIZENS' ADVISORY COMMITTEE VENTURA COUNTY WATERWORKS DISTRICT NO. 1 MINUTES OF THE May 28, 2019, SPECIAL MEETING**

COMMITTEE MEMBERS IN ATTENDANCE: Daniel Groff, John Newton, Andy Waters

COMMITTEE MEMBERS ABSENT: David Schwabauer, Roy Talley

COMMITTEE MEMBER VACANCY: None

STAFF: Michaela Brown, Outgoing Director  
Joseph Pope, Incoming Director  
Sandy Harrison, Staff Services Specialist II  
Caytlyn Caylor, Office Assistant III

GUESTS: None

\* \* \*

1. CALL TO ORDER

The meeting was called to order at 3:32 p.m.

2. APPROVAL OF THE MINUTES OF THE April 11, 2019 REGULAR MEETING –

Vote: Yeas – Nays –; Abstained; Absence –; Motion carried-.  
Deferred April 11th minutes due to lack of quorum, postponed to later date

3. PUBLIC COMMENTS –

None

4. DISTRICT STAFF REPORT –

A. CAPITAL PROJECTS -

i. District 1 Desalter

1. Ms. Brown stated we are finalizing the agreement with Calleguas to use their groundwater modeling to run two modeling cycles at no cost

ii. Storm water Capture and Groundwater recharge

1. Ms. Brown discussed a call she had from Susan regarding a grant from Metropolitan. There may be an opportunity to do a presentation to Metropolitan Water District about the project.

iii. Recycled water pump upgrade



Minutes of the Ventura County Waterworks District No. 1  
Citizens' Advisory Committee Special Meeting  
Ventura County Water and Sanitation Department  
Minutes of the May 28, 2019, Special Meeting  
Page 2 of 3

1. This project got awarded APWA project of the year.
    2. Ms. Brown informed the Committee that Susan will be giving a presentation of the project on June 13<sup>th</sup>
  - iv. Stockton Reservoir
    1. Restarting real estate efforts to secure easement and completing design and specs
  - v. Walnut Acres waterline replacement
    1. No updated given
  - vi. Home Acres reservoir and pipeline
    1. Ms. Brown informed Committee that a new real estate appraisal is needed
  - vii. Left Turn Lane on HWY 118
    1. Real estate is working on getting the additional right of way on the north side
    2. CalTrans approved for Public Works to manage the project
- B. WATER QUALITY REPORT -
  - i. 1.1 Odor Complaint
    1. Customer is escalating complaint to shut down the well
  - ii. 5 Pressure Complaints
    1. Staff will install a water pressure monitor at the hydrant line to pinpoint the issue
- C. WATER SUPPLY CONDITIONS -
  - i. Great conditions, remain above normal
- D. FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) / LAS POSAS USERS GROUP (LPUG) UPDATE –
  - i. No updates on Fox Canyon GMA
  - ii. LPUG – Mr. Waters stated the committee will be meeting every 3 weeks
- E. CALLEGUAS MUNICIPAL WATER DISTRICT / METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE –
  - i. Eric Bergh is retiring, no replacement for his position currently
- F. UPDATE ON THE MOORPARK DESALTER -
  - No information to report

G. AVENUES OF PUBLIC OUTREACH -

- No information to report

H. BOARD LETTER TRACKER

- i. 21<sup>st</sup> – APWA project of the year receipt and file.
- ii. Regulatory updates for sewer for Rule and Reg changes.
- iii. Water standby charges, request to add to property tax bill go to the Board of Supervisors on June 11<sup>th</sup>

I. AN UPDATE ON THE BRIEF ON THE LAS POSAS VALLEY WATER RIGHTS COALITION ADJUDICATION

- i. Mediation required by current judge on June 6-7
- ii. We have met with County Counsel and Harper Bridgett to focus on strategy and required documents to support our position of purveyor water rights

J. UPDATE ON THE AGRICULTURAL FOCUS GROUP

- i. There were no good agenda items, so Ms. Brown didn't hold one this time
- ii. We are pushing for the agenda items and meeting focus to come from the Ag community

K. BUDGET AND FINANCIAL REVIEW

- i. The proposed budget will be discussed at the June 19<sup>th</sup> meeting
- ii. Higher than expected revenues of 2.1 Million
- iii. Ms. Brown discussed the budget of \$700,000 for the left turn lane project

5. COMMITTEE MEMBER'S COMMENTS/FUTURE AGENDA ITEMS

- i. The state is going to create District wide water budget, but this process may conflict with Prop 218 regulations

6. ADJOURNMENT

- Meeting adjourned at 5:07 p.m.

# **DRAFT**

## **CITIZENS' ADVISORY COMMITTEE VENTURA COUNTY WATERWORKS DISTRICT NO. 1 MINUTES OF THE SEPTEMBER 12, 2019, MEETING**

COMMITTEE MEMBERS IN ATTENDANCE: John Newton, David Schwabauer, Roy Talley

COMMITTEE MEMBERS ABSENT: Andy Waters, Daniel Groff

COMMITTEE MEMBER VACANCY: None

STAFF: Joseph Pope, Director  
Davide Hazen, Waterworks Superintendent  
Caytlyn Caylor, Management Assistant III

GUESTS: Lynnette Buchanan - Roth  
Daryl Smith  
Bill Miller

\* \* \*

### 1. CALL TO ORDER

The meeting was called to order at 3:37 p.m.

### 2. APPROVAL OF THE MINUTES OF: APRIL 11, 2019 REGULAR MEETING, MAY 28 SPECIAL MEETING, AND JULY 11 REGULAR MEETING MINUTES–

Vote: Yeas (3) Nays (None); Abstained (1) For May 28<sup>th</sup> Minutes; Absence (2); Motion carried-.

- Approved April 11th minutes
- Deferred May 28<sup>th</sup> minutes, postponed to later date
- Approved July 11 minutes

### 3. PUBLIC COMMENTS –

Daryl Smith – Question: does the main line on Broadway Rd. fluctuate on pressure?

Answered by Committee Member – Yes, the pressure does fluctuate. It is best to add a pressure regulator on customers side.

### 4. DISTRICT STAFF REPORT –

#### A. CAPITAL PROJECTS -

- i. District 1 Desalter

1. No updates regarding the Desalter Project at the time of meeting
2. Committee members requested further information on the allocation for this project
- ii. Storm water Capture and Groundwater recharge
  1. Agreements pending with Lawrence Berkley group
- iii. Recycled water pump upgrade
  1. No update given
- iv. Stockton Reservoir
  1. Design analysis and real estate issues. Mr. Pope mentioned a land owner selling an unused portion of property to be the site of the reservoir that has a better bed rock foundation
- v. Walnut Acres waterline replacement
  1. Estimated start of this project is summer 2020
- vi. Home Acres reservoir and pipeline
  1. Real estate issues currently remain
- vii. Left Turn Lane on HWY 118
  1. No updates given

B. WATER QUALITY REPORT -

- i. (11) Total Complaints
  - 7 pressure complaints
  - 1 color complaint
  - 1 odor complaint
  - 2 "other" complaints

C. WATER SUPPLY CONDITIONS -

- i. Conditions remain in good standing

D. FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) / LAS POSAS USERS GROUP (LPUG) UPDATE –

- i. No updates on Fox Canyon GMA or LPUG

E. CALLEGUAS MUNICIPAL WATER DISTRICT / METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE –

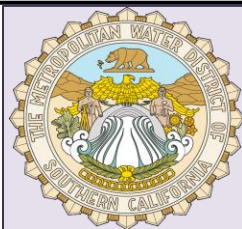
- i. No updates

- F. UPDATE ON THE MOORPARK DESALTER -
  - o The model study is still in process
- G. AVENUES OF PUBLIC OUTREACH -
  - o No updates at the time of meeting
- H. BOARD LETTER TRACKER
  - i. Property liens to be added to the rules and regulations for back charges going to the board October 15
- I. AN UPDATE ON THE BRIEF ON THE LAS POSAS VALLEY WATER RIGHTS COALITION ADJUDICATION
  - i. Mr. Pope informed the Committee that a tentative settle agreement has been reached for a certain percentage allocation for the total safe yield (12.31%) of the Los Posas Basin that is to be split between District 19 and District 1
  - ii. A proposed stipulation between the councils will be presented to the Judge on Friday, September 27
- J. UPDATE ON THE AGRICULTURAL FOCUS GROUP
  - i. Mr. Pope informed the committee that at this time the focus group is on hold for now
- K. BUDGET AND FINANCIAL REVIEW
  - i. No changes made to the reports since the last District 1 meeting that was held July 11
- 5. DIRECTOR'S INFORMATIONAL ITEMS
  - i. Mr. Pope discussed the water rate analysis and proposed water rate increases for Waterworks District 1
- 6. COMMITTEE MEMBER'S COMMENTS/FUTURE AGENDA ITEMS
  - i. Committee Members would like to see a data analysis of Ag meter usage with a list of total number of Ag customers on meters
  - ii. Full report for the fiscal year on the financial reports
- 7. ADJOURNMENT
  - o Meeting adjourned at 5:21 p.m.

Project Name Project	Project Mgr.	Scheduled or Actual Dates				% Compl.	WA	Remarks
	Design Eng. Contractor	Plan Approval	Contract Award	Const. Start	Const. Comp.	Design/ Const.	Auth/ Balance	
District No. 1 MWTP Desalter Project WS231801	<b><u>S. Pan/ M. Sequi/ A. Isabel</u></b> Kennedy Jenks; Hopkins Groundwater; Dr. Steven Bachman;	11/21	01/22	02/22	06/24	15/0		<ul style="list-style-type: none"> <li>6/2019- Reaching agreement with Calleguas MWD to use using ELPB groundwater modeling program for project assimilation.               <ul style="list-style-type: none"> <li>7/2018- Presented project update at LPUG meeting.</li> </ul> </li> <li>3/2018- Reviewed preliminary draft Las Posas Basin Groundwater Sustainability Plan.</li> <li>12/2017- Met with Lawrence Berkeley National Lab to possibly partnering on groundwater recharge research project; and solar thermal desalination project for zero liquid discharge and DOE \$5 million grant application.</li> </ul>
District No. 1 MWTP Storm Water Capture and Groundwater Recharge Project	<b><u>S. Pan/ A. Isabel</u></b> <b><u>Lawrence Berkeley</u></b> <b><u>National Lab;</u></b> <b><u>R2 Resource</u></b> <b><u>Consultants</u></b>							<ul style="list-style-type: none"> <li>6/2019- MWDSC awarded \$120,000 grant; entering into grant agreements with Calleguas MWD and Lawrence Berkeley National Lab for groundwater filtration enhancement study. Preparing engineering services agreement with R2 Consultant for engineering study. Project was not selected for Prop. 1 Round 1 grant application by WCVL.</li> <li>10/2018- Submitted Prop. 1 Round 1 Grant pre-application to WCVL.</li> <li>8/2018 – Applied for MWDSC Future Supply Action Planning Grant for \$240,000.</li> </ul>
District No. 1 MWTP Recycled Water Pump Station Upgrade WS232810	<b><u>S. Pan/ M. Sequi</u></b> MSO Technologies; Travis Ag	10/17	01/18	02/18	8/18	100/100		<ul style="list-style-type: none"> <li>06/2019- Ventura County APWA awarded 2018 Project of the Year for the VCWWD No. 1 Moorpark Recycled Water System Expansion Project. Award presentation at BOS meeting on 5/21. Project presentation at APWA meeting on 6/13.</li> <li>10/2018 – Completed Project Final Report; processed final payment to Contractor.</li> <li>8/2018- Completed pump and motor installation, testing, and startup.</li> </ul>
District No. 1 Stockton Reservoir WS231803	<b><u>K. Panah / M. Sequi</u></b> Penfield & Smith; Padre & Assoc.; Kennedy Jenks; Oakridge	10/19	12/19	01/20	12/20	90/0		<ul style="list-style-type: none"> <li>Awaiting Real Estate Service to secure TE for tree removal and drilling 3 additional bore holes.</li> <li>06/2719- Real Estate Services is STILL pursuing easement from SCG and will process and preparing legal description for property acquisition. ROW acquisition from property owners next. Additional 3 geotech boring at the tank site for more complete data gathering. Completing 100% design plans and specs.</li> <li>3/2018 – Reviewing 60% design and ground improvement estimate. Met with consultants 3/26/18</li> </ul>
District No. 1 Walnut Acres Tract Water Lines Replacement WS231805	<b><u>S. Pan/</u></b> <b><u>M. Sequi</u></b>	04/20	6/20	7/20	6/21	60/0		<ul style="list-style-type: none"> <li>8/2018 – Completed 60% design plans in progress and updated project cost estimate.</li> <li>12/2017- Compiled survey and utilities info, completed 50% plans.</li> <li>11/2017 – Real Estate Services conducted utilities search. Received survey data 11/22/17.</li> <li>10/2017- Conducted site survey and pot holing to confirm existing water line sizes</li> </ul>

District No. 1 Home Acres Reservoir & Pipelines		TBD	TBD	TBD	TBD			<ul style="list-style-type: none"> <li>• 6/2019- Procuring new real estate appraisal of the proposed tank site. Processing real estate acquisition of proposed tank site.</li> </ul>
District No. 1 MWRF- Left-turn lane on HWY 118 to plant entrance WS232437	<u>E. Keller/</u> <u>Transportation</u> <u>Dept.</u>	TBD	TBD	TBD	TBD			<ul style="list-style-type: none"> <li>• 3/2019- Caltrans agreed to use the original design for permit processing; Real Estate Services acquiring additional ROW;</li> <li>• 7/2018 – April meeting with PWA Transportation Dept, advised original alignment adding-left-turn lane to Hwy 118 at entrance. Awaiting refined project cost estimate and PM schedule.</li> <li>• 12/2017 – Met with Transportation Dept. and provided them with previously completed preliminary engineering study and design plans.</li> </ul>





# Water Supply Conditions Report

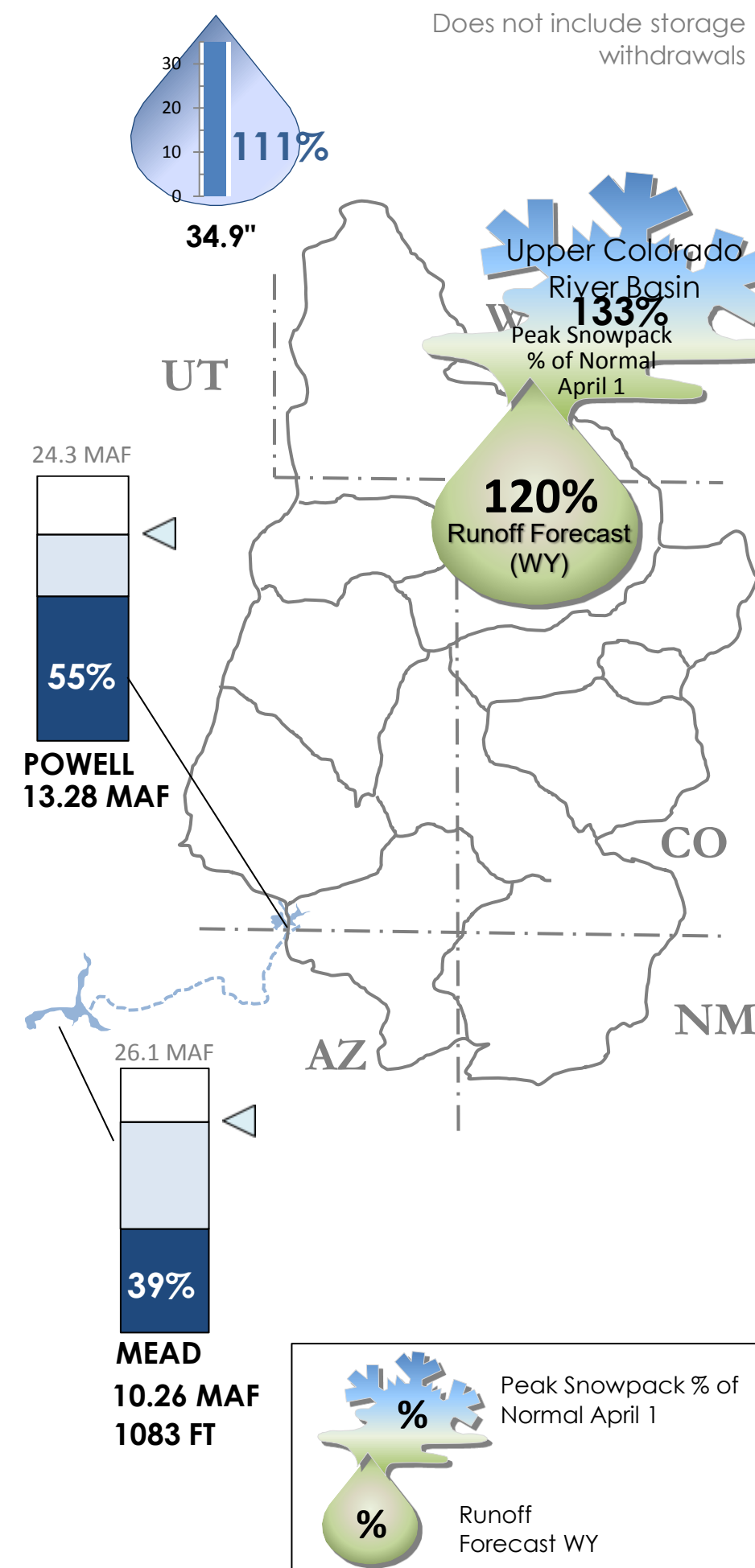
As of: 09/30/2019

## 2019 Colorado River

925,336 AF

74% of full CRA

Does not include storage withdrawals



Turn page for more CRA Data

Flip Over for SWP

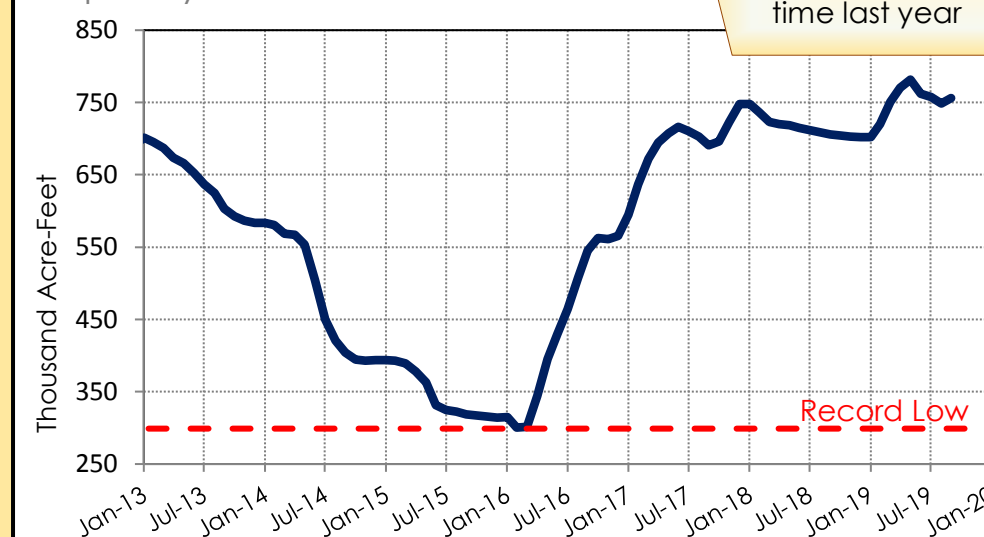
## Highlights

- ◆ Northern Sierra snowpack peaked at 163% of April 1 normal
- ◆ Sacramento River Runoff forecast is 137% of normal
- ◆ Snowpack in the Upper Colorado River Basin peaked at 133% of April 1 normal
- ◆ Lake Powell inflow is 120% of normal

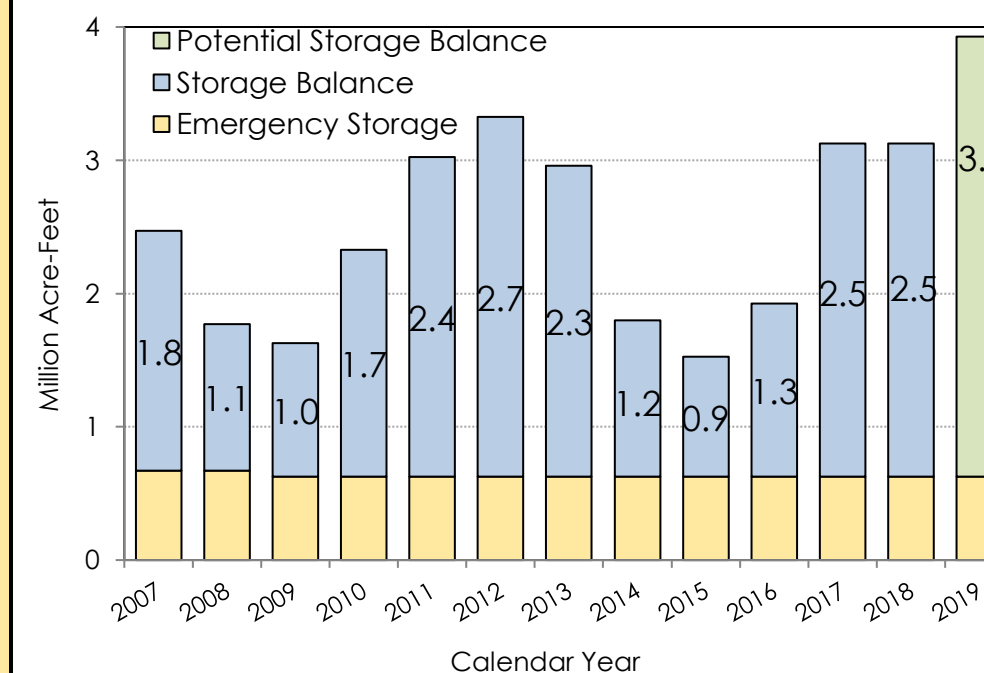
## Diamond Valley Lake Storage

Capacity: 810 TAF

50 TAF more in storage than this time last year



## MWD Storage Reserve Levels

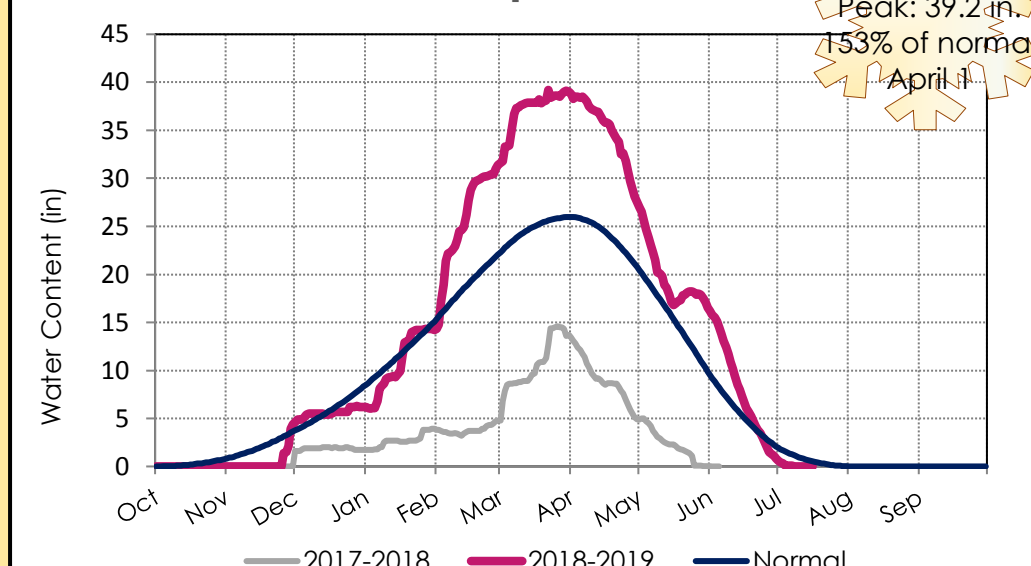


This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, 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>

This report is best printed double sided on legal size paper (8.5" x 14"), double sided on the short edge, and folded in quarters.

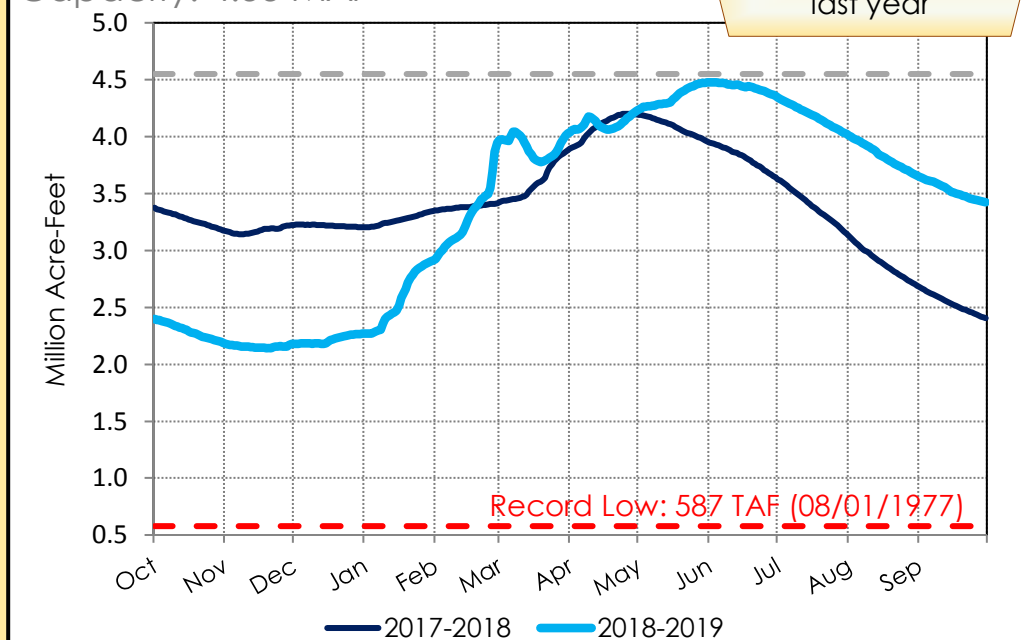
## Southern Sierra Snowpack



## Lake Shasta Reservoir Storage

Capacity: 4.55 MAF

1.02 MAF more in storage than this time last year



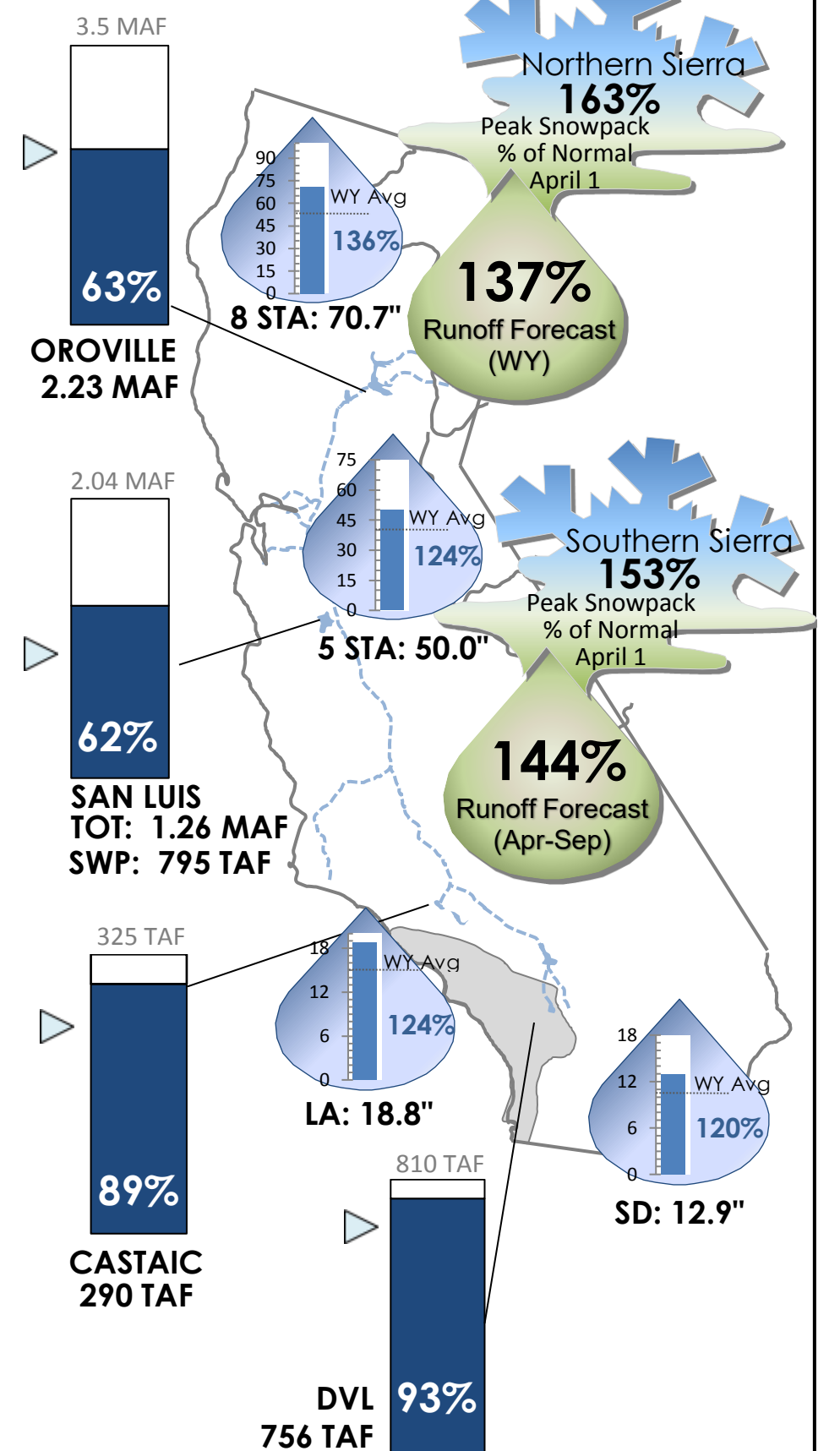
# Water Supply Conditions Report

As of: 09/30/2019

## 2019 SWP Allocation

1,433,625 AF

75% of Table A



Flip Over for CRA Data

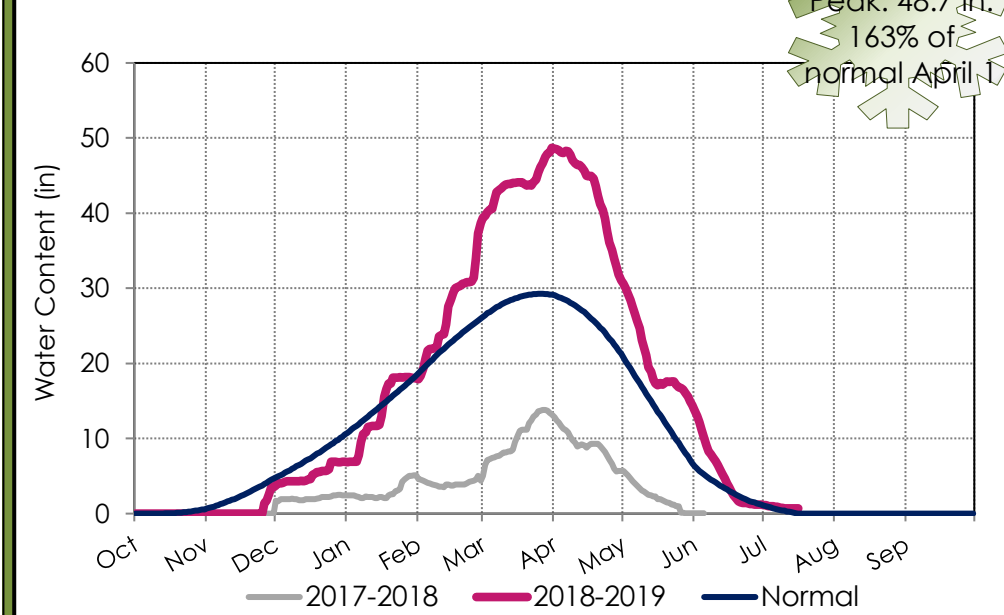
Turn page for more SWP Data



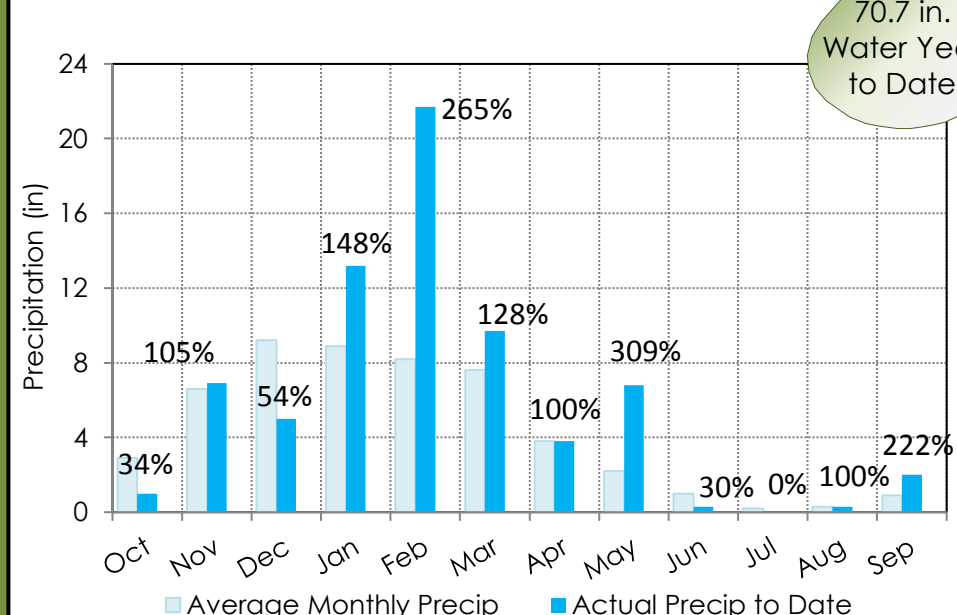
As of: 09/30/2019

## State Water Project Resources

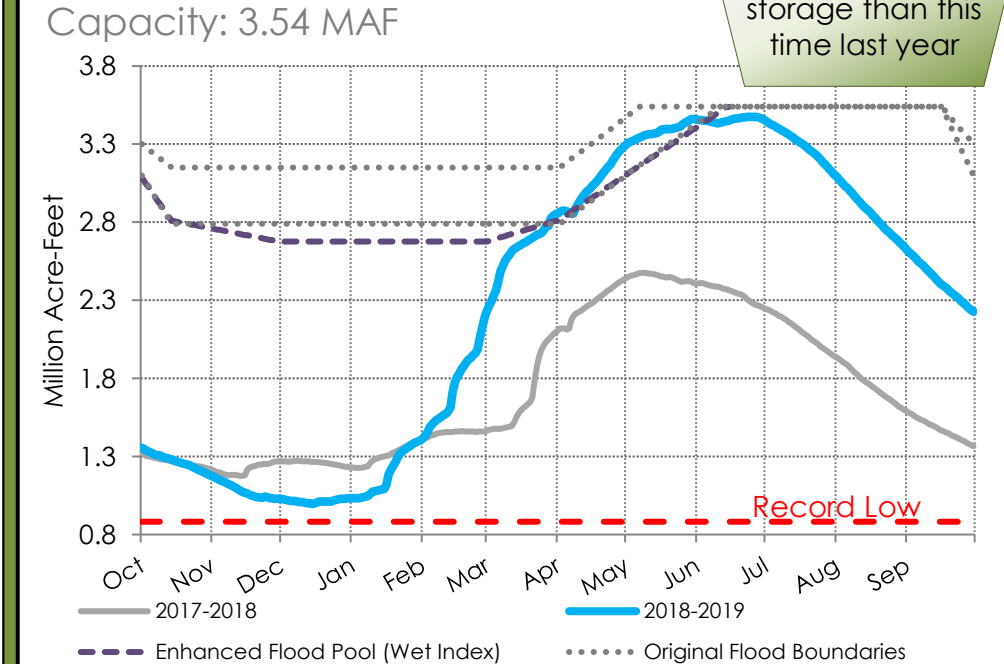
### Northern Sierra Snowpack



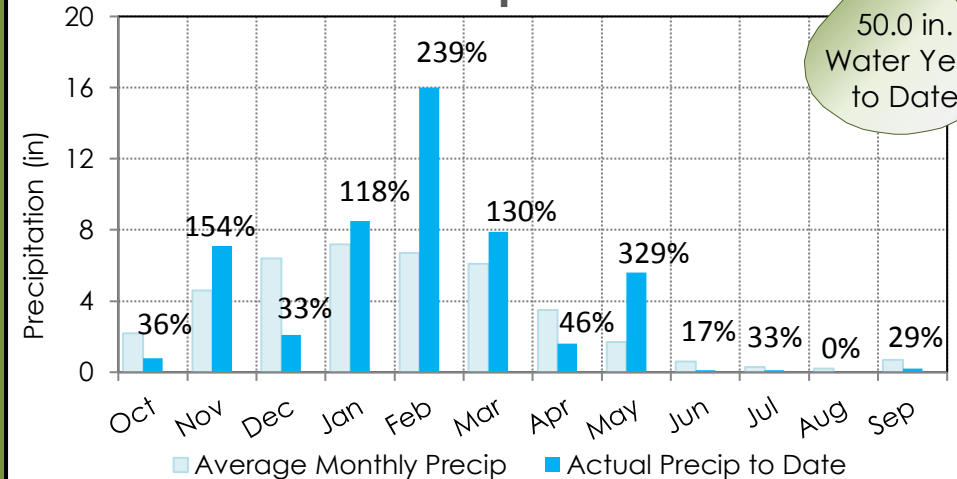
### 8 Station Index Precip



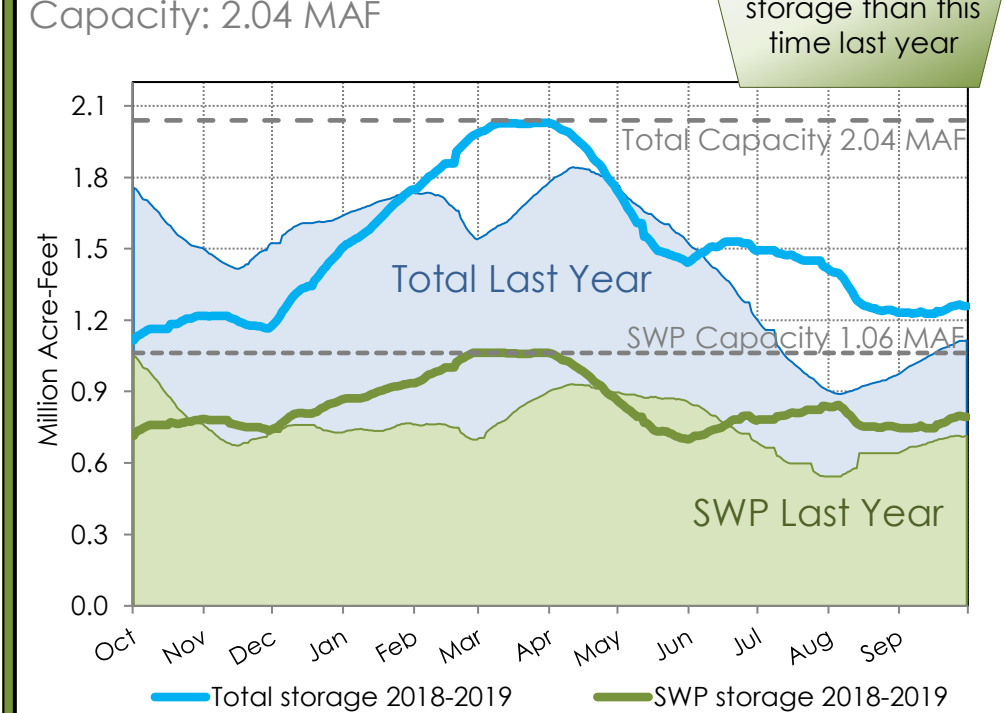
### Oroville Reservoir Storage



### 5 Station Index Precip



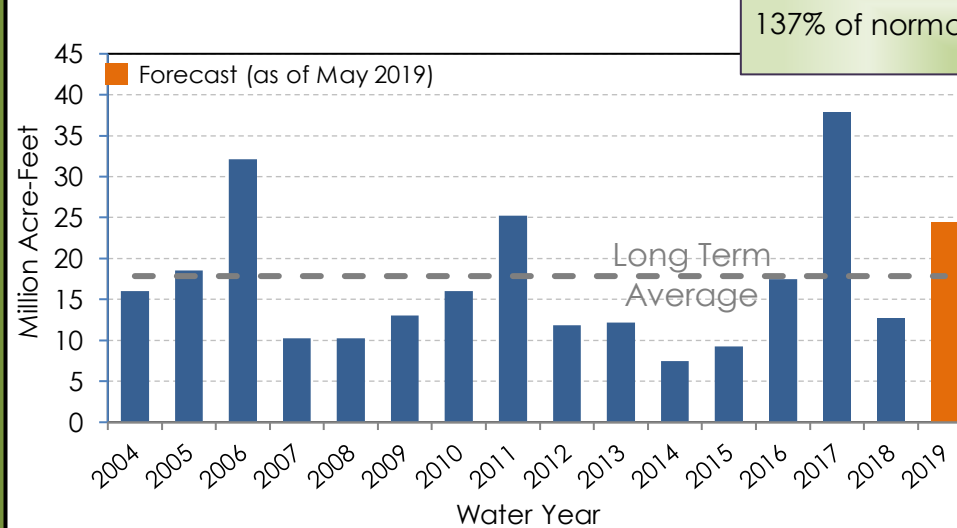
### San Luis Reservoir Storage



### Other SWP Contract Supplies for 2019 (AF)

Article 21	65,000
Carryover	93,000

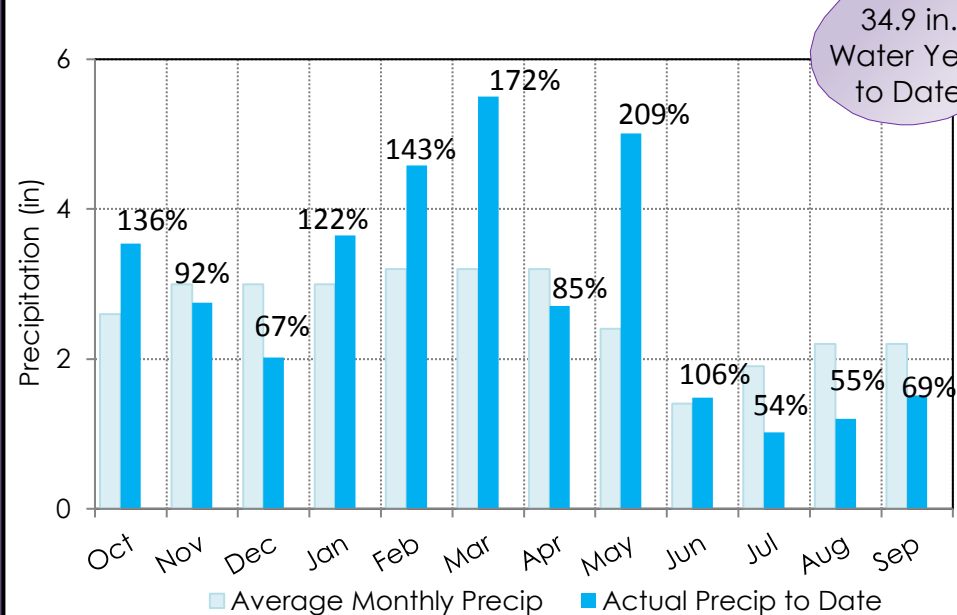
### Sacramento River Runoff



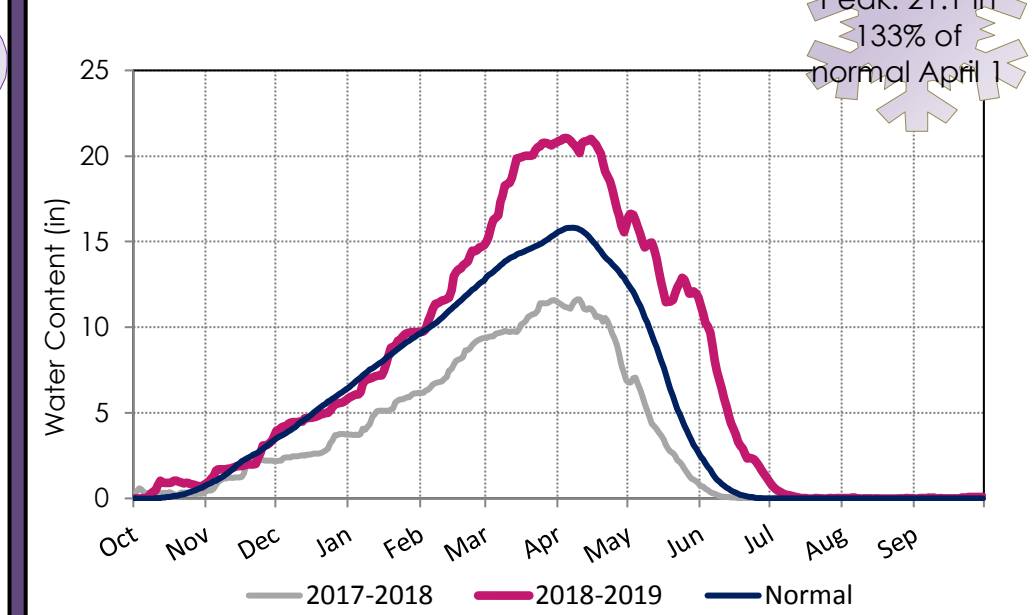
## Colorado River Resources

As of: 09/30/2019

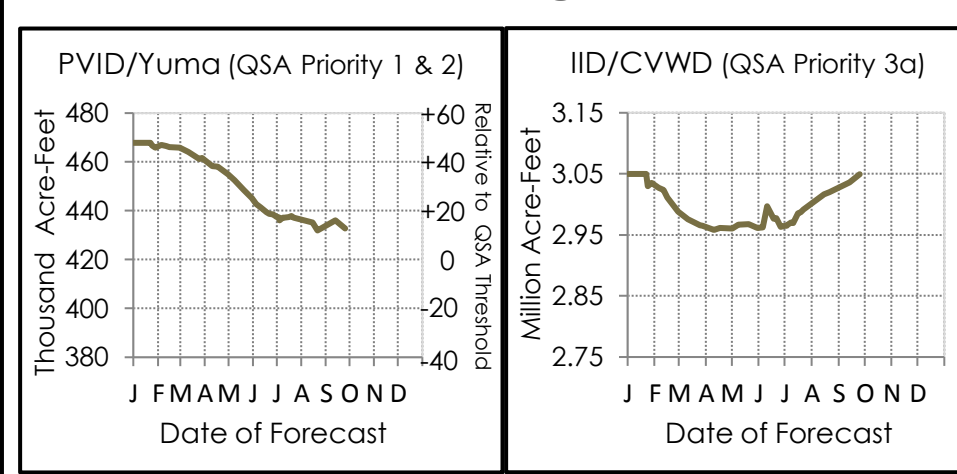
### Upper Colorado Basin Precip



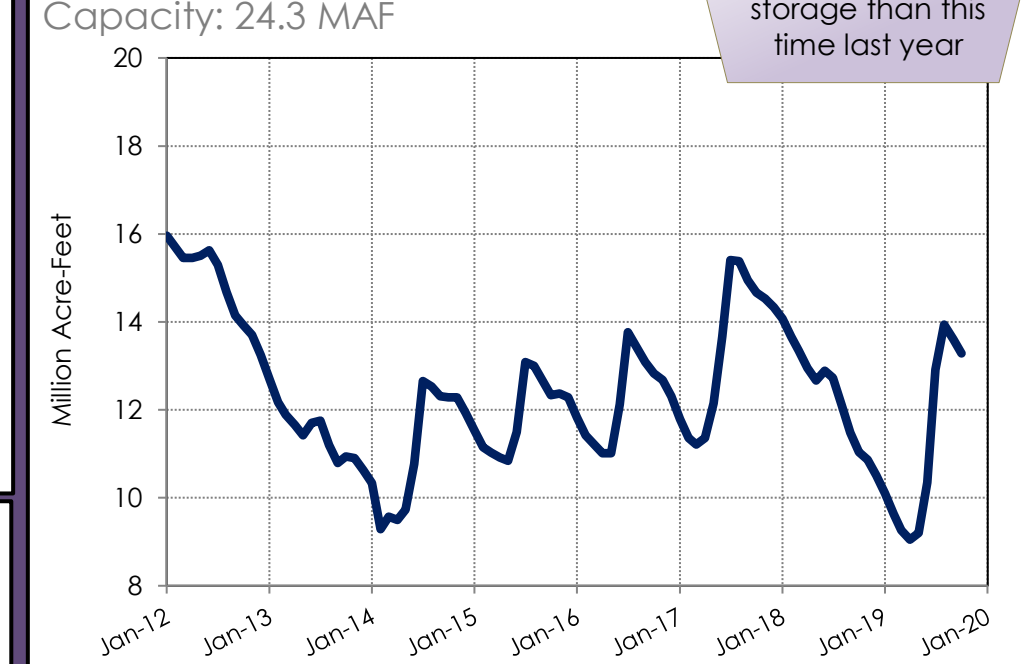
### Upper Colorado Basin Snowpack



### 2019 Colorado River Ag Use



### Lake Powell Storage

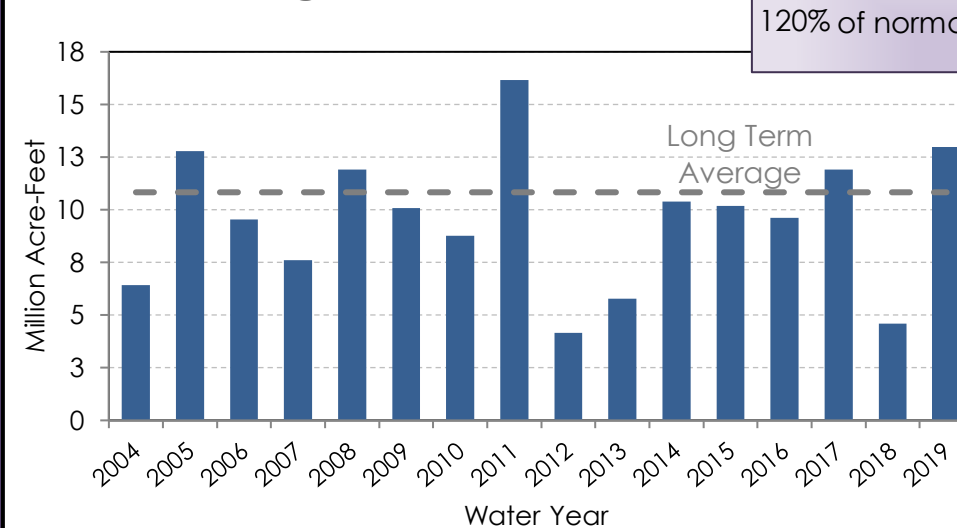


### Lake Mead Shortage/Surplus Outlook

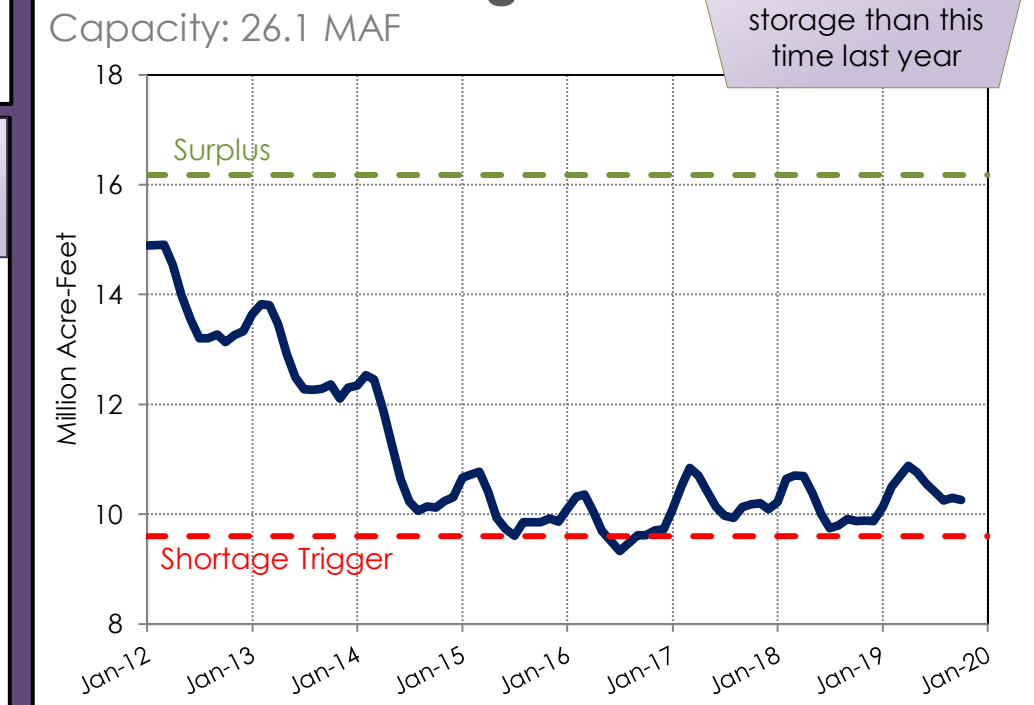
	2020	2021	2022	2023	2024
Shortage	0%	4%	24%	37%	43%
Surplus	0%	0%	7%	12%	19%

Likelihood based on results from the August 2019 CRSS model run. Includes DCP Contributions.

### Powell Unregulated Inflow



### Lake Mead Storage

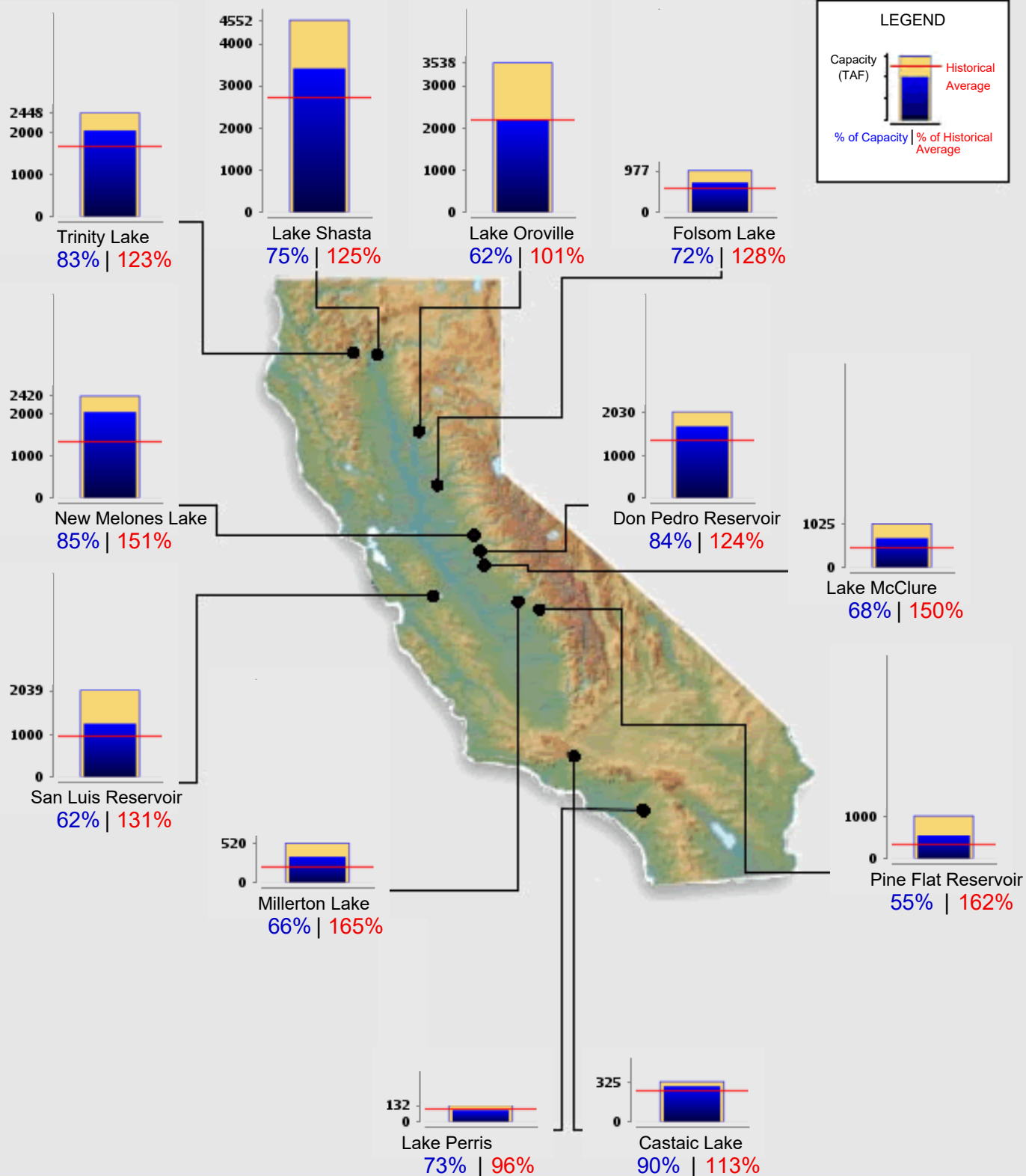




# Reservoir Conditions

Ending At Midnight - October 2, 2019

## CURRENT RESERVOIR CONDITIONS



**Ventura County Waterworks - District No.1  
Production Summary Report for**

**Sep-19**

<b>DISTRICT 1</b>	<b>Local</b>		<b>Purchases</b>	<b>Total Prod.</b>
	<b>Pumped</b>	<b>In-Lieu</b>		
<b>Division 1</b>				
Well 20	54.5			
Div. 1 Total	54.5		609.0	663.5
<b>Division 2</b>			60.6	60.6
Div. 2 Total	0.0		60.6	60.6
<b>Division 3</b>				
Well 15	82.4		60.3	142.6
Div. 3 Total	82.4		60.3	142.6
<b>Division 4</b>				
Well 95	21.6			
Well 97	0.0			
Well 98	73.2		29.8	102.9
Div. 4 Total	94.8	0.0	29.8	124.5
<b>TOTAL DIST. 1 (AF)</b>	<b>231.7</b>	<b>0.0</b>	<b>759.6</b>	<b>991.3</b>

**Ventura County Waterworks - District No.19  
Production Summary Report for**

**Sep-19**

<b>DISTRICT 19</b>	<b>Local</b>		<b>Purchases</b>	<b>Total Prod.</b>
	<b>Pumped</b>	<b>In Lieu (GCC)</b>		
Well 2	134.4			
Well 3	69.2			
Well 4	31.2			
<b>TOTAL DIST. 19 (AF)</b>	<b>234.8</b>	<b>0.0</b>	<b>5.6</b>	<b>240.5</b>