

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
County Service Area Nos. 29, 30, and 34

October 28, 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, November 14, 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, no later than Monday, November 11, 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 OCTOBER 10, 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. Review and Vote on 2020 Recommended Water Rates for Waterworks District #1**
- B. CAPITAL PROJECTS - The Capital Project Status Report provides regular reporting on the status of active capital projects within the District.
- C. UPDATE ON THE MOORPARK DESALTER - This proposed project is designed to increase the supply of local water, reduce independence on, and usage of, imported water, provide water supply sustainability, drought relief, and reduce salts from the Las Posas Groundwater Basin. Initial estimated cost of this project is \$50 million.
- D. 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.
- E. WATER SUPPLY CONDITIONS - An update on water supply conditions within the District, Southern California, and throughout the State.
- F. 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.
- G. 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.
- H. AVENUES OF PUBLIC OUTREACH - An update on how the District is reaching out to its customers concerning water conservation.
- I. AGRICULTURAL WATER – An update on the Districts current Ag. Water usage
- J. 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.
 - 11/19/2019 Waterworks District 1 (Moorpark) - Public Hearing Regarding Proposed Increases to Water Rates and Service Charges (7 PM City of Moorpark)



- K. 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.

- L. 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 ACCOMODATION 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 OCTOBER 10, 2019, MEETING

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

COMMITTEE MEMBERS ABSENT: Daniel Groff

COMMITTEE MEMBER VACANCY: None

STAFF: Joseph Pope, Director
Caytlyn Caylor, Management Assistant III

GUESTS: Chelsie Smith

* * *

1. CALL TO ORDER

The meeting was called to order at 3:34 p.m.

2. APPROVAL OF THE MINUTES OF: MAY 28 SPECIAL MEETING, AND SEPTEMBER 12, MEETING MINUTES–

Vote: Yeas (4) Nays (None); Abstained (0) For May 28th and September 12th Minutes; Absence (1); Motion carried–.

- Approved May 28th minutes, with CAC requested edits to verbiage – changed to “Deferred April 11th minutes, postponed to later date” from “Deferred April 11th minutes, due to lack of quorum”
- Approved September 12th minutes, without changes

3. PUBLIC COMMENTS –

No public comments

4. DISTRICT STAFF REPORT –

A. CAPITAL PROJECTS -

- i. District 1 Desalter
 - 1. Mr. Pope discussed the desalter project under Directors Informational Items
- ii. Storm water Capture and Groundwater recharge
 - 1. A grant of \$250,000 has been issued from an agreement between Lawrence Berkley and Calleguas
- 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, our team will be drilling bore holes to confirm the use of land is acceptable

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, no update given at time of meeting. Mr. Pope said he would follow up for current standing.

vii. Left Turn Lane on HWY 118

1. No updates given

B. WATER QUALITY REPORT -

i. (5) Total Complaints

- 2 pressure complaints
- 2 color complaints
- 1 odor complaint

C. WATER SUPPLY CONDITIONS -

i. Conditions remain in good standing

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

- i. Fox Canyon GMA, they were one of the parties objecting to the settlement agreement of the Los Posas Adjudication, but they did agree to the allocation percentage that was offered

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

- i. No updates

F. AVENUES OF PUBLIC OUTREACH -

- i. Prop 218 notices (Liens Collections) have been mailed out to WWD1, discussion took place between Mr. Pope and the Committee on the steps taken to notify the property owner before

- water shut off happens and the time line it takes from start to finish, before property owners are hit with liens to their property.
- ii. Mr. Pope stated that from 2011 -2019, Waterworks District 1 lost \$173,000 due to unpaid water bills.

G. BOARD LETTER TRACKER

- i. Property liens to be added to the rules and regulations for back charges going to the board October 15

H. 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

I. BUDGET AND FINANCIAL REVIEW

- i. Financial reports for the district through September 30th were presented and discussed
- ii. Committee members questioned an item that was 300% over budget, which Mr. Pope noted as being the trash bill paid up front for the entire year, but would follow up with a confirmed answer to this question

5. DIRECTOR'S INFORMATIONAL ITEMS

- i. WWD1 Agricultural water use reports were discussed
- ii. Mr. Pope presented an additional presentation for backup information to the proposed water rate increase that he presented at the meeting prior (09.12.2019)
- iii. Mr. Pope went into detail on what the financial standing of the district would be if the Committee chose to either delay or implement the increase as proposed
- iv. The Moorpark Desalter Project was discussed and urged by the Committee to continue the grants process necessary to get the project up and running

6. COMMITTEE MEMBER'S COMMENTS/FUTURE AGENDA ITEMS

Action item for next meeting:

- i. Review and Vote on 2020 Recommended Water Rates for Waterworks District #1

7. ADJOURNMENT

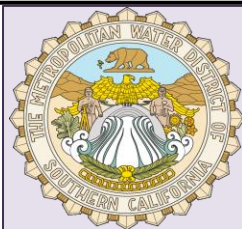
- o Meeting adjourned at 5:37 p.m.

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	<u>S. Pan/ M. Sequi/ A. Isabel</u> Kennedy Jenks; Hopkins Groundwater; Dr. Steven Bachman; ESA;	11/21	01/22	02/22	06/24	15/0		<ul style="list-style-type: none"> 6/2019- Reaching agreement with Calleguas MWD to use using ELPB groundwater modeling program for project assimilation. 7/2018- Presented project update at LPUG meeting. 3/2018- Reviewed preliminary draft Las Posas Basin Groundwater Sustainability Plan. 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. 9/2017- Submitted DWR Desalination grant applications: \$10 million for construction and \$600,000 for feasibility studies. Meeting with stakeholders including LPUG members and Nature Conservancy. Developing mitigation projects and Groundwater Sustainability Plan. 6/2017- Met with stakeholders, completed additional groundwater modeling analysis with mitigation projects, updated preliminary engineering cost estimates.
District No. 1 MWTP Storm Water Capture and Groundwater Recharge Project	<u>S. Pan/ A. Isabel</u> <u>Lawrence Berkeley</u> <u>National Lab;</u> <u>R2 Resource</u> <u>Consultants</u>							<ul style="list-style-type: none"> 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 WCVC. 10/2018- Submitted Prop. 1 Round 1 Grant pre-application to WCVC. 8/2018 – Applied for MWDSC Future Supply Action Planning Grant for \$240,000.
District No. 1 MWTP Recycled Water Pump Station Upgrade WS232810	<u>S. Pan/ M. Sequi</u> MSO Technologies; Travis Ag	10/17	01/18	02/18	8/18	100/100		<ul style="list-style-type: none"> 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. 10/2018 – Completed Project Final Report; processed final payment to Contractor. 8/2018- Completed pump and motor installation, testing, and startup. 7/2018 – Completed electrical power and control system on site.
District No. 1 Stockton Reservoir WS231803	<u>K. Panah / M. Sequi</u> Penfield & Smith; Padre & Assoc.; Kennedy Jenks; Oakridge	10/19	12/19	01/20	12/20	90/0		<ul style="list-style-type: none"> Awaiting Real Estate Service to secure TE for tree removal and drilling 3 additional bore holes. 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. 3/2018 – Reviewing 60% design and ground improvement estimate. Met with consultants 3/26/18.
District No. 1 Walnut Acres Tract Water Lines Replacement WS231805	<u>S. Pan/</u> <u>M. Sequi</u>	04/20	6/20	7/20	6/21	60/0		<ul style="list-style-type: none"> 8/2018 – Completed 60% design plans in progress and updated project cost estimate. 12/2017- Compiled survey and utilities info, completed 50% plans. 11/2017 – Real Estate Services conducted utilities search. Received survey data 11/22/17. 10/2017- Conducted site survey and pot holing to confirm existing water line sizes

June 2019

ACTIVE CAPITAL PROJECTS REPORT – WATER AND SANITATION DEPARTMENT

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



Water Supply Conditions Report

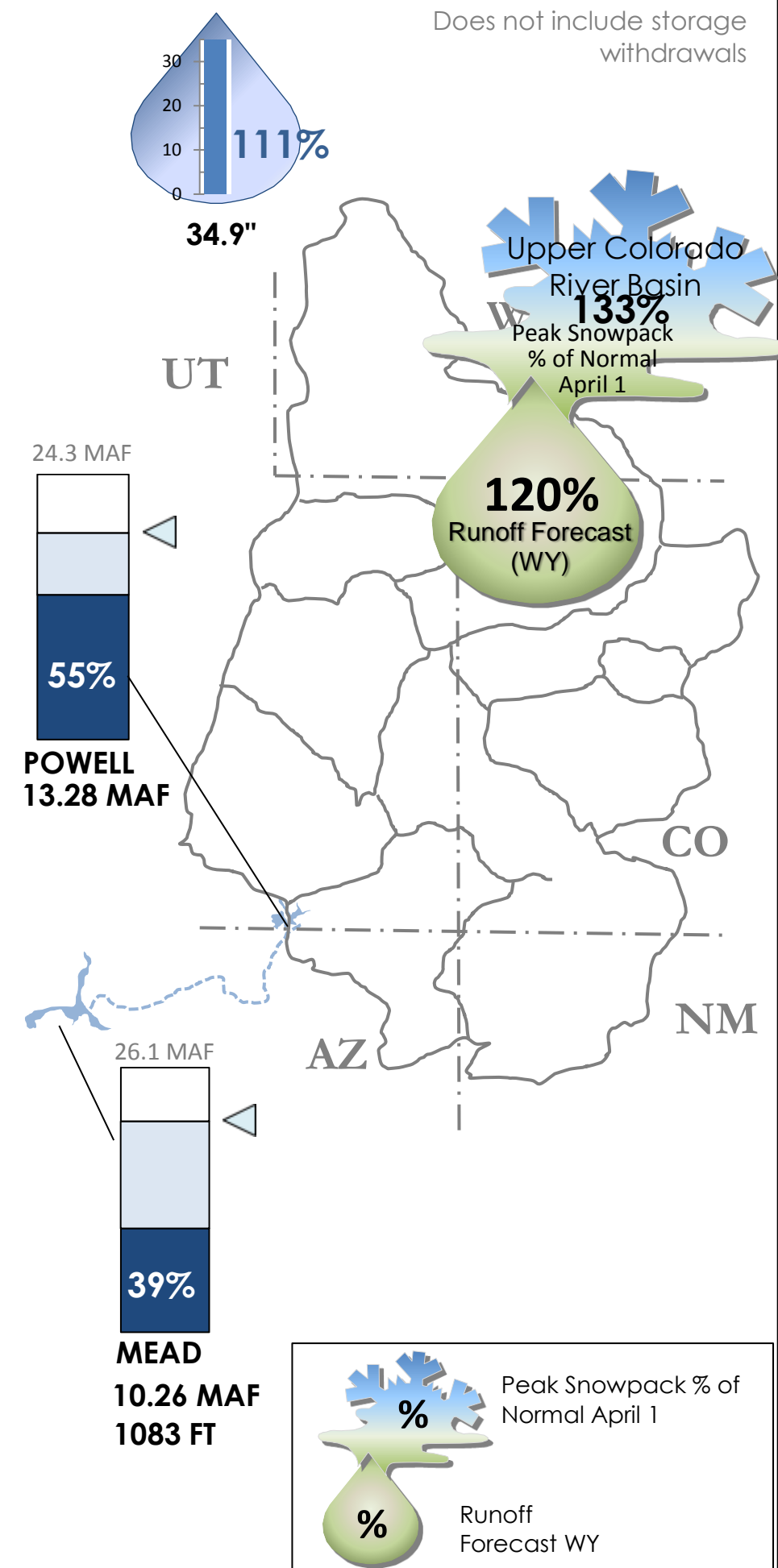
As of: 09/30/2019

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

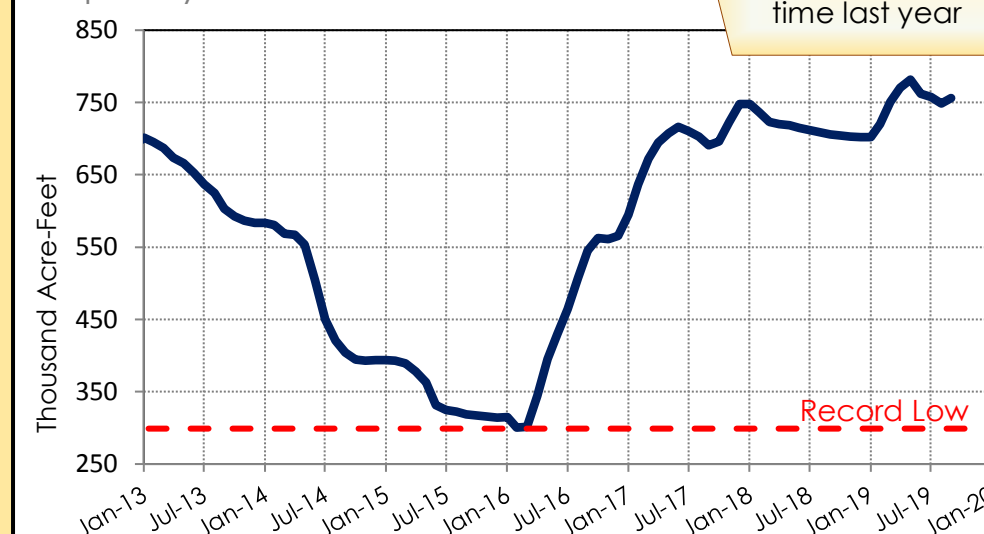
Highlights

- ◆ 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

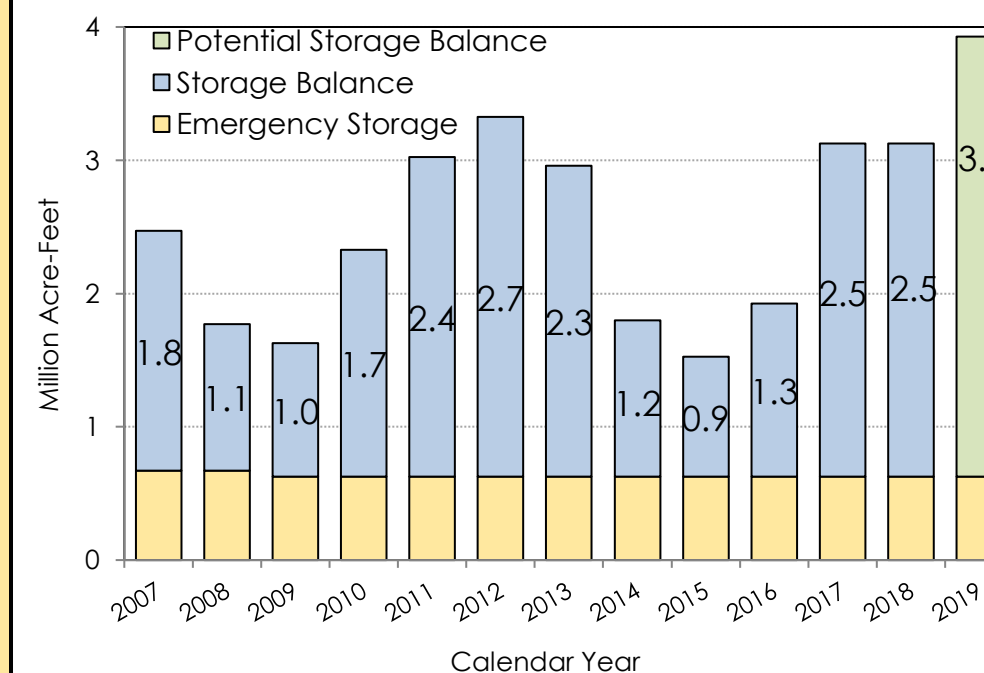
Diamond Valley Lake Storage

Capacity: 810 TAF

50 TAF more in storage than this time last year



MWD Storage Reserve Levels

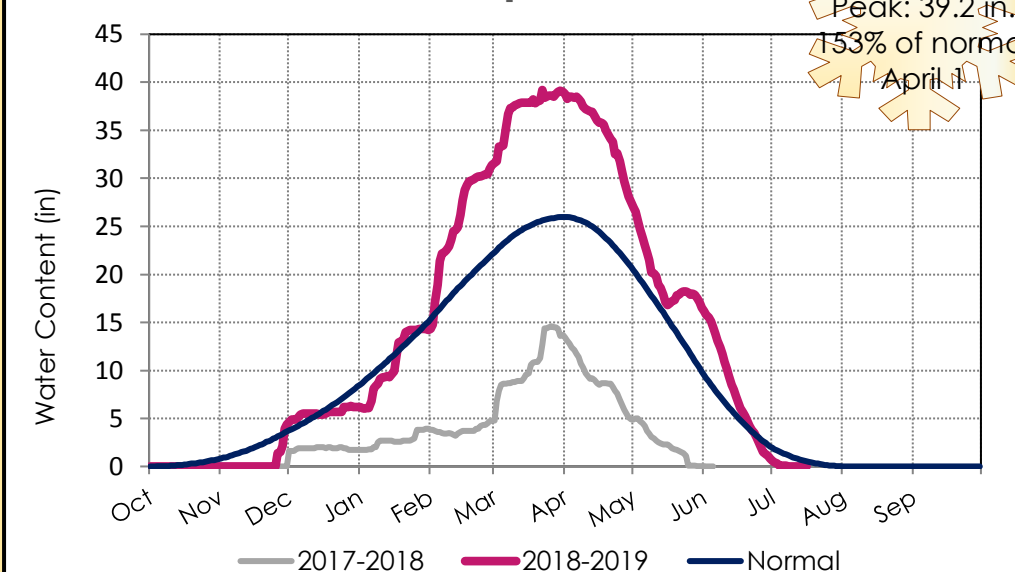


This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state,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

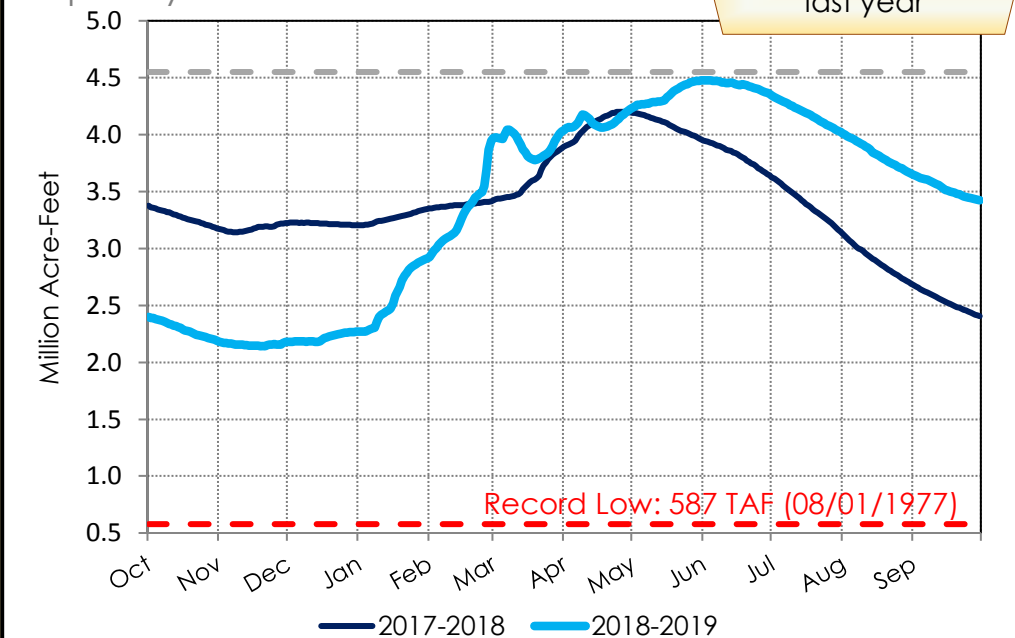
Southern Sierra Snowpack



Lake Shasta Reservoir Storage

Capacity: 4.55 MAF

1.02 MAF more in storage than this time last year



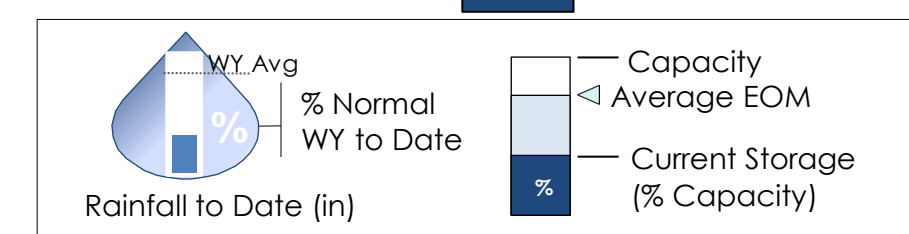
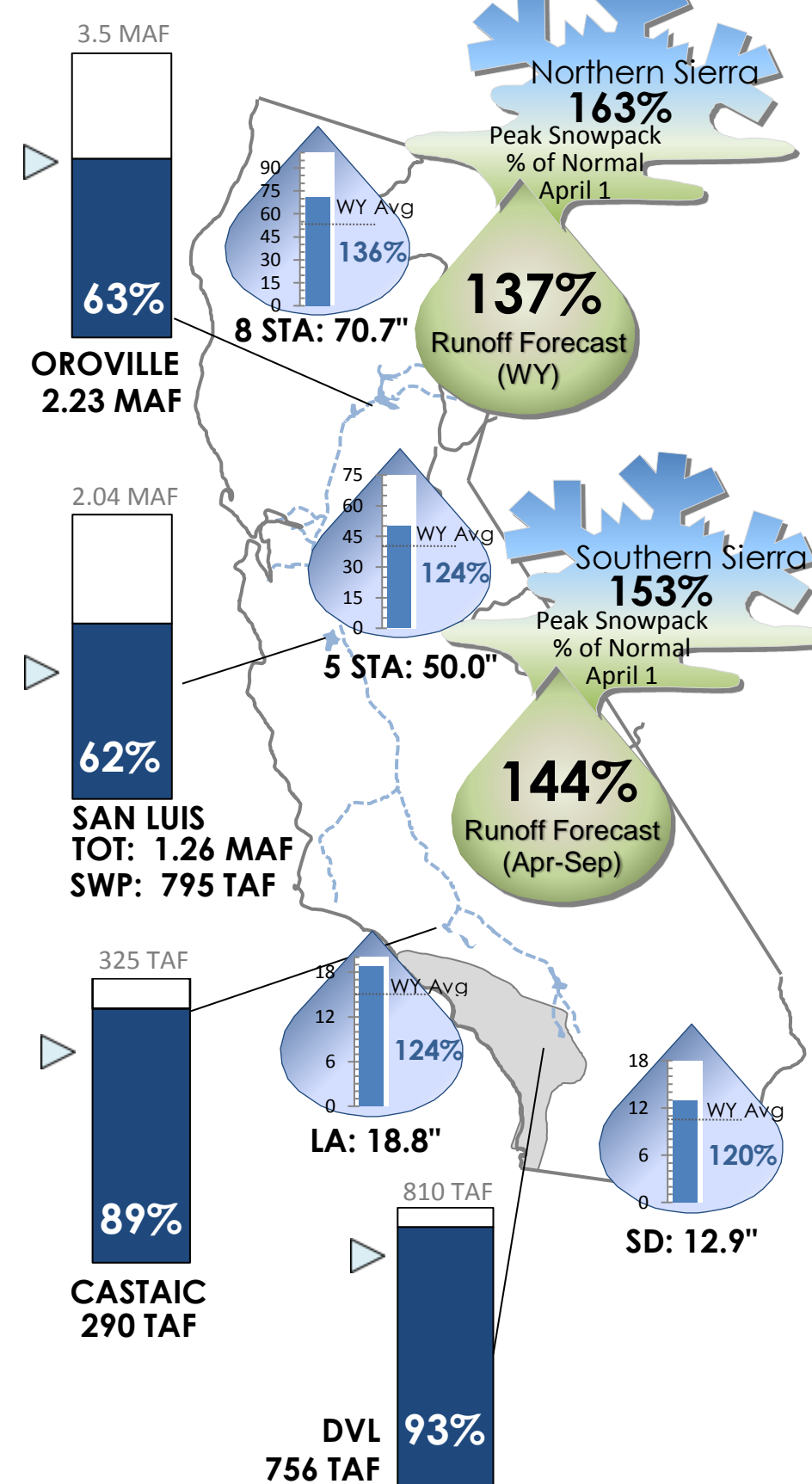
Water Supply Conditions Report

As of: 09/30/2019

2019 SWP Allocation

1,433,625 AF

75% of Table A



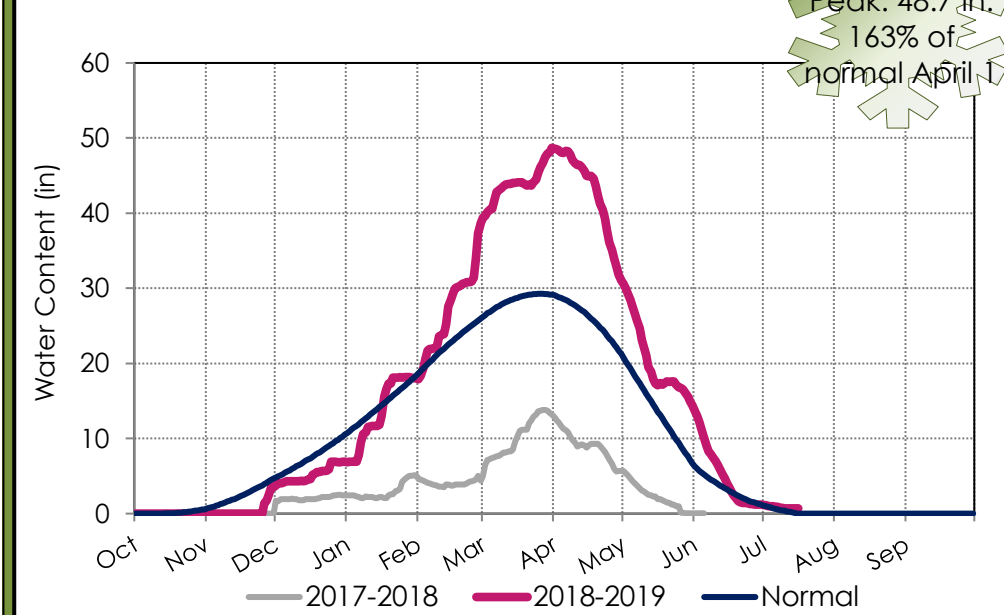
Flip Over for CRA Data

Turn page for more SWP Data

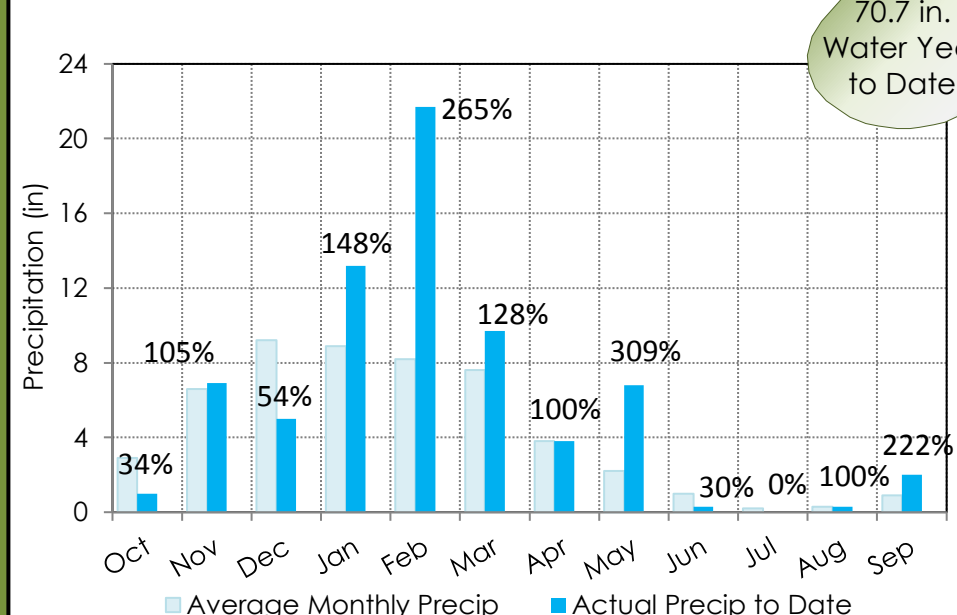
As of: 09/30/2019

State Water Project Resources

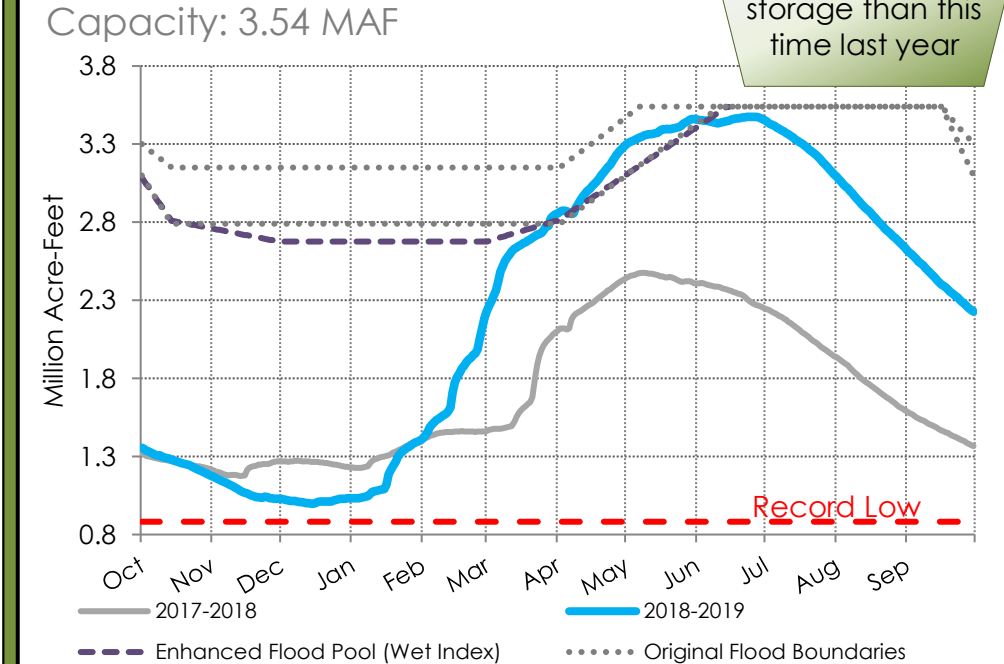
Northern Sierra Snowpack



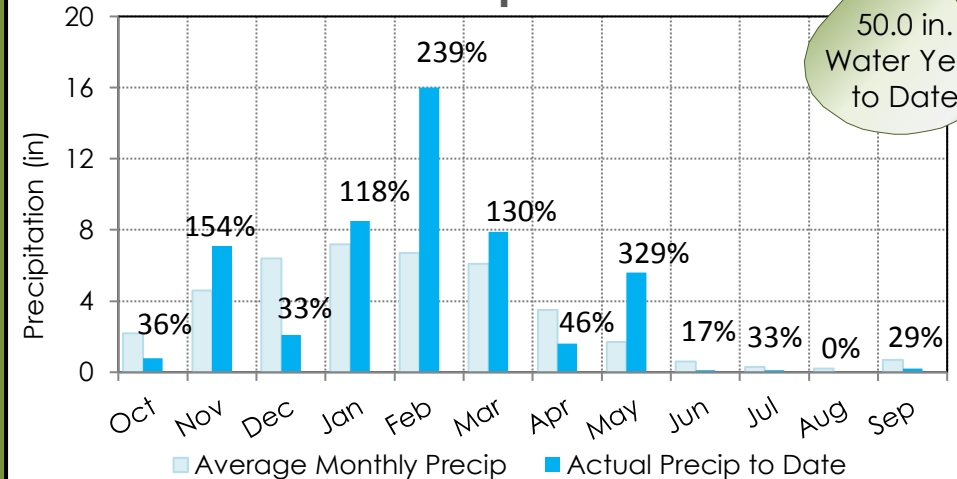
8 Station Index Precip



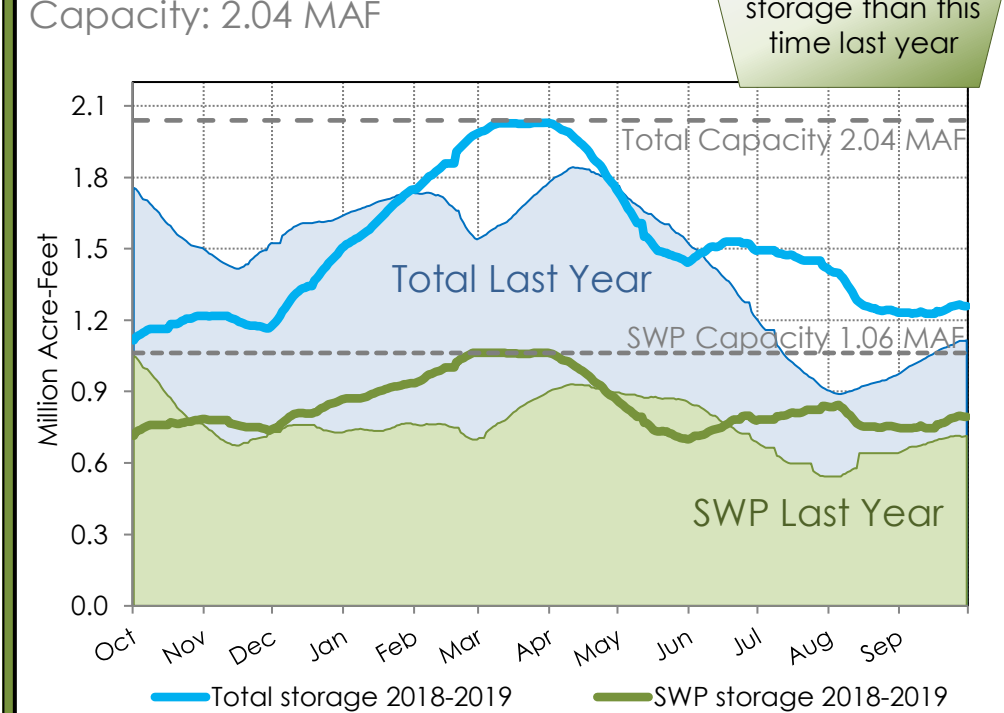
Oroville Reservoir Storage



5 Station Index Precip



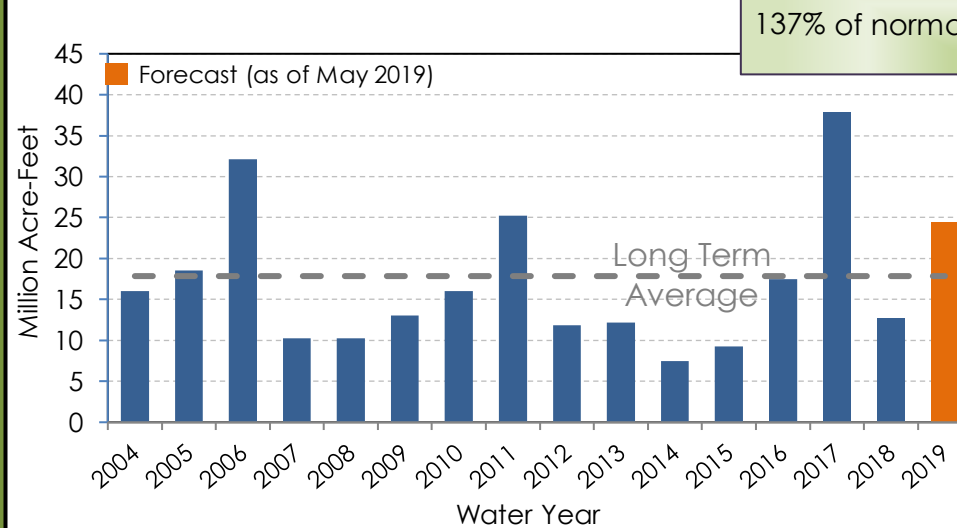
San Luis Reservoir Storage



Other SWP Contract Supplies for 2019 (AF)

Article 21	65,000
Carryover	93,000

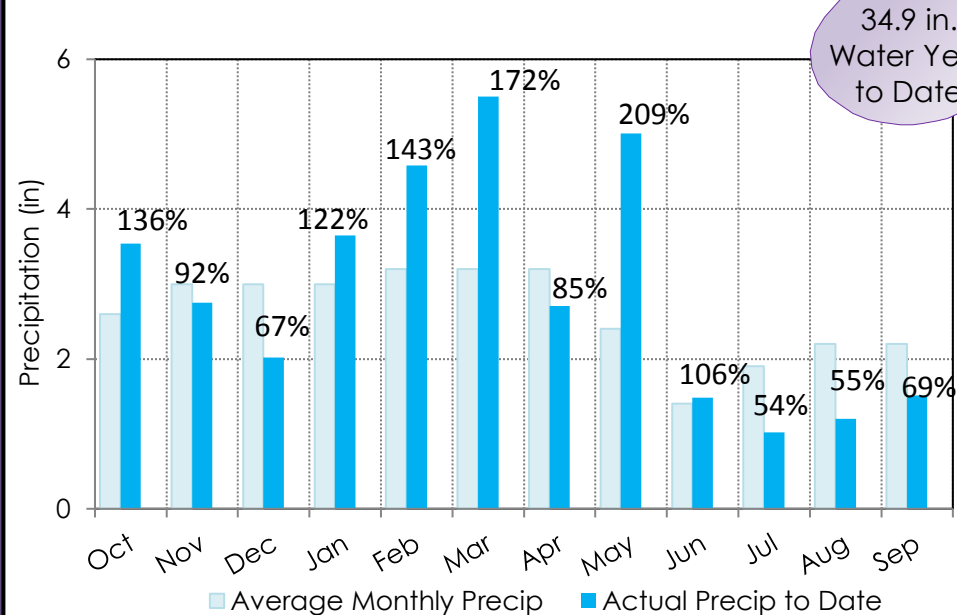
Sacramento River Runoff



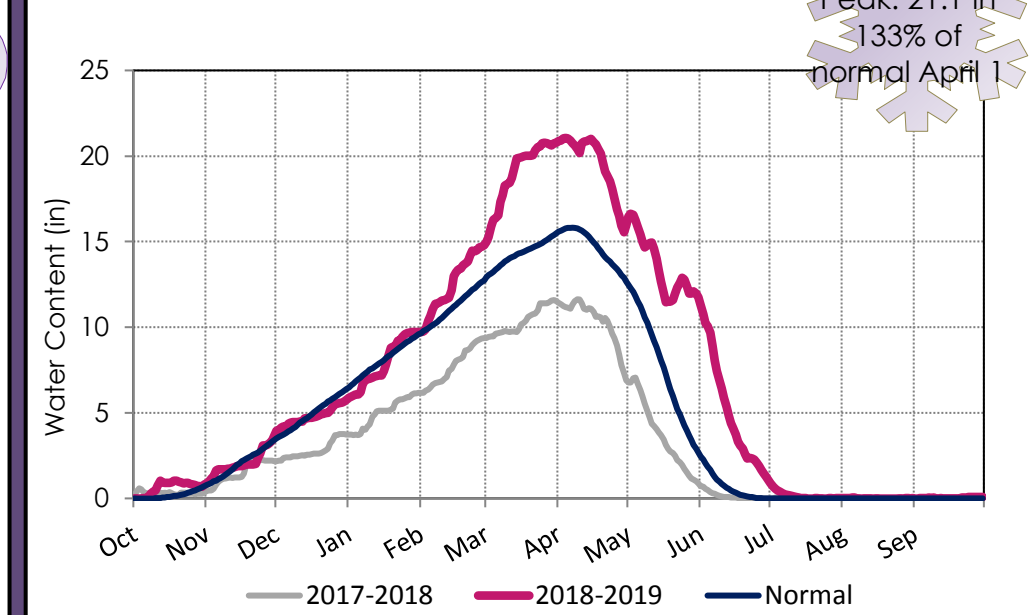
Colorado River Resources

As of: 09/30/2019

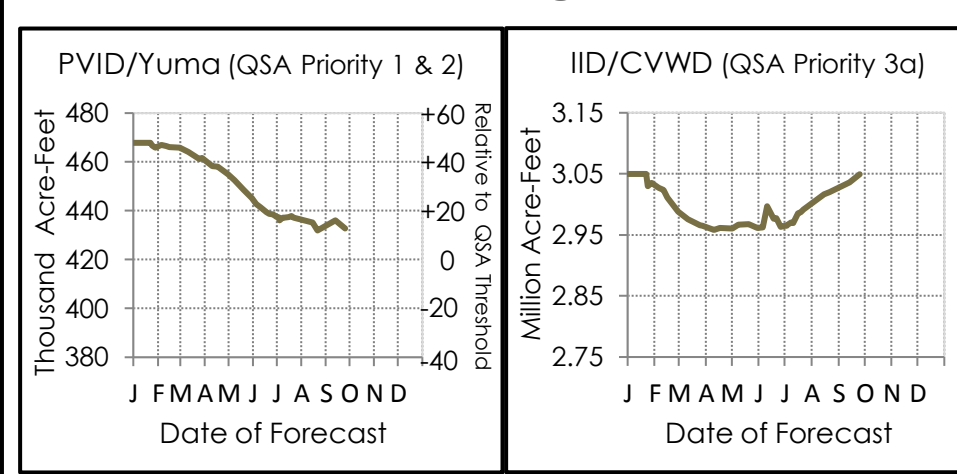
Upper Colorado Basin Precip



Upper Colorado Basin Snowpack



2019 Colorado River Ag Use

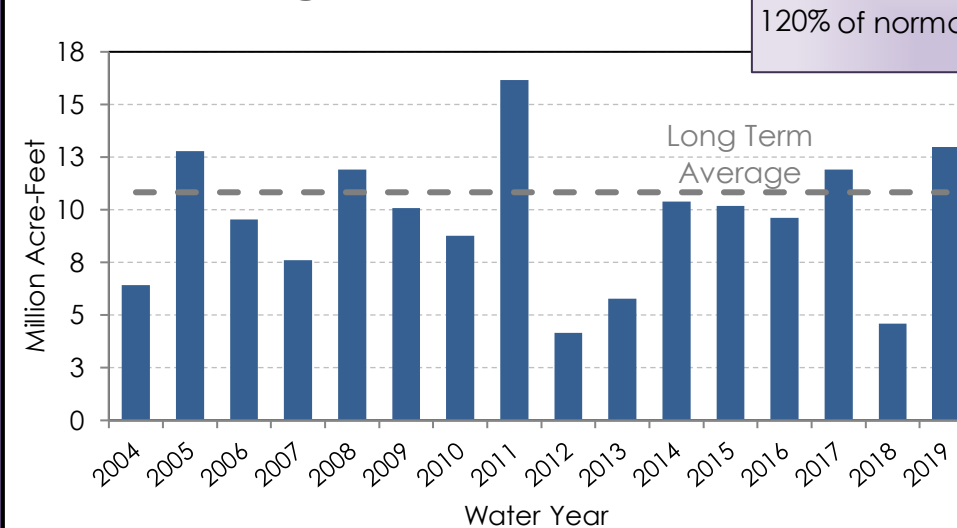


Lake Mead Shortage/Surplus Outlook

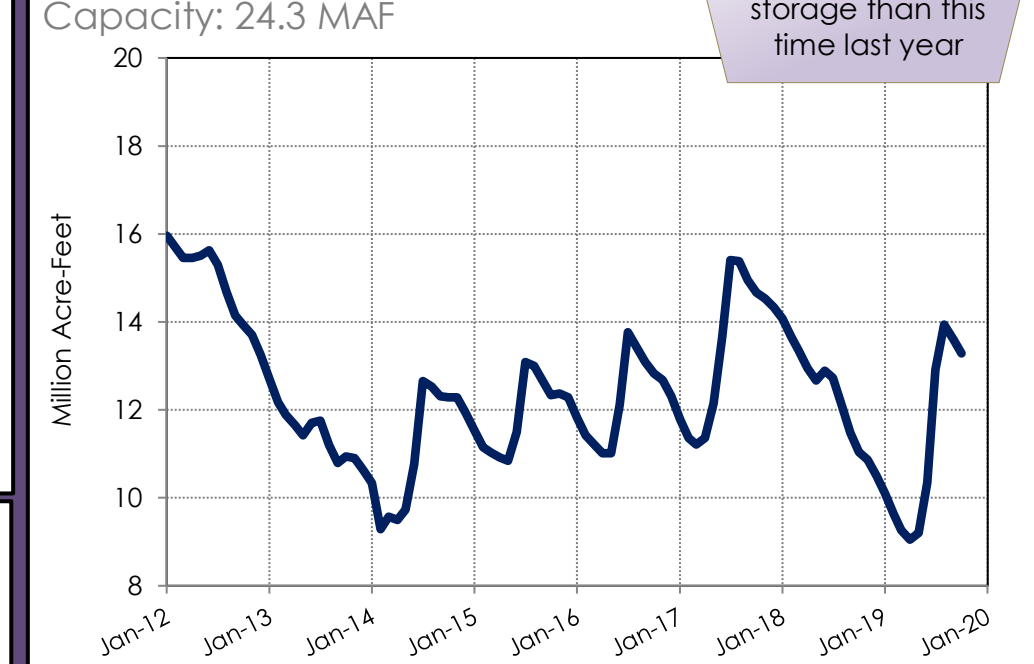
	2020	2021	2022	2023	2024
Shortage	0%	4%	24%	37%	43%
Surplus	0%	0%	7%	12%	19%

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

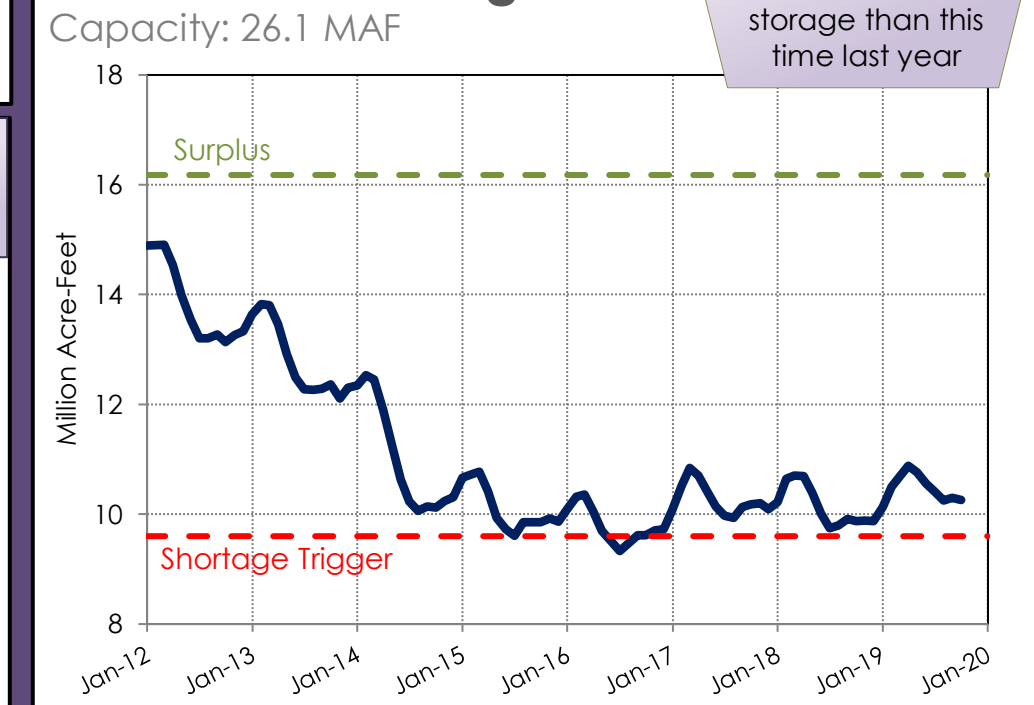
Powell Unregulated Inflow



Lake Powell Storage



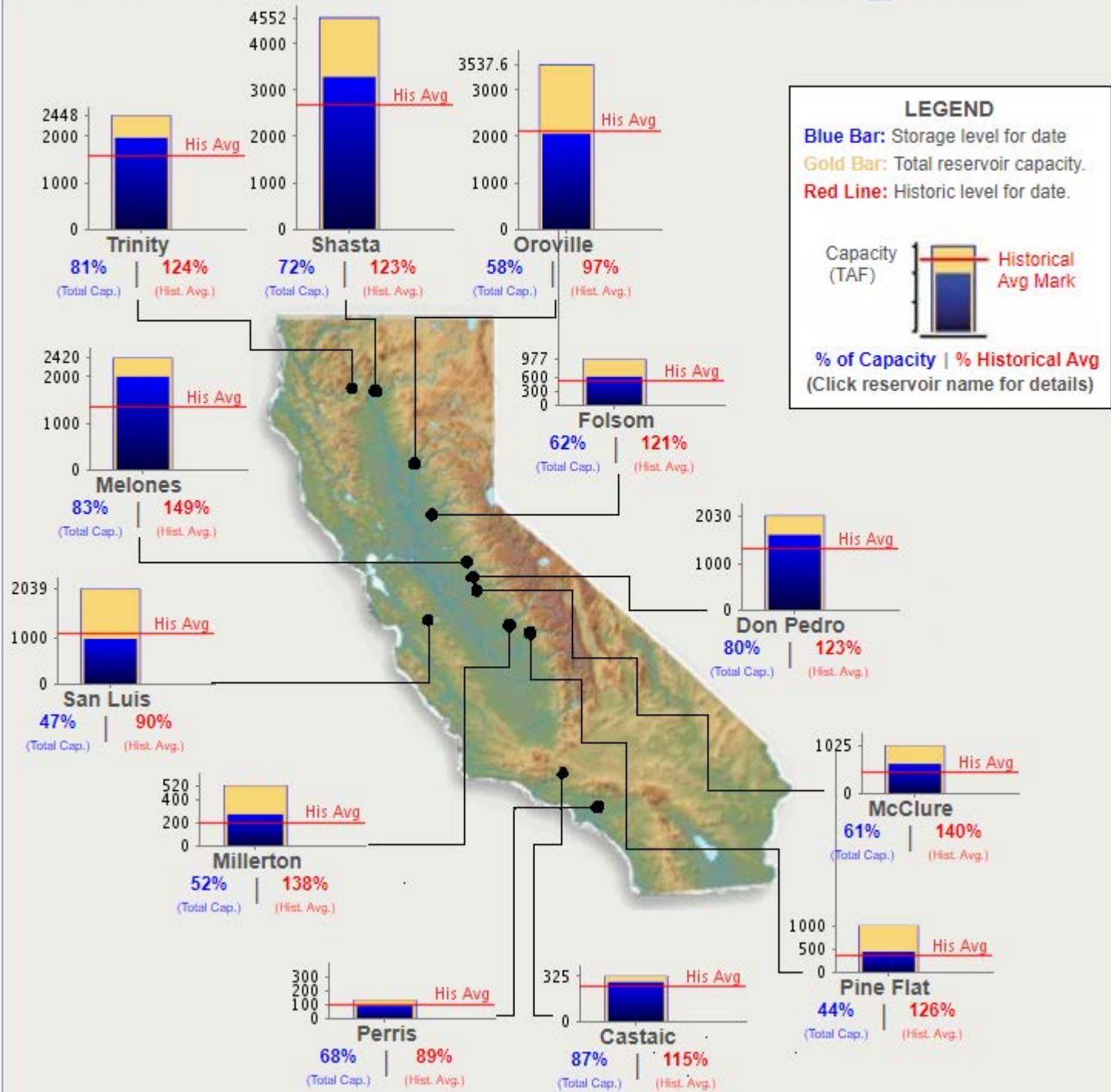
Lake Mead Storage



CURRENT CONDITIONS FOR MAJOR RESERVOIRS: 29-OCT-2019

Data as of Midnight: 29-Oct-2019

Change Date: 29-Oct-2019



WATER PRODUCTION REPORT (AF)
VCWWD #1
Sep-19

Allocations (AF)		USED	Available	
GMA	1,756.118	1,335.0	24.0%	2019
TEA (1/1-6/30/19)	878.059	623.7	29.0%	254.359
TEA (7/1-12/31/19)	878.059	711.3	19.0%	166.809
TIER I	10,722.5	5,070.2	52.7%	5,652.3
TIER II		0.0		

LOCAL

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	LOCAL		
JAN	30.0	141.9	129.4	71.5	218.0	168.2	301.8	73.5	61.9	16.7	124.5	57.8	JAN	FY08-09	2,083.1
FEB	89.5	97.9	88.9	60.8	218.2	185.0	175.4	84.7	123.3	39.4	147.8	35.9	FEB	FY09-10	2,165.0
MAR	179.0	154.4	145.1	59.9	176.1	238.3	169.3	96.4	130.5	125.7	63.3	80.2	MAR	FY10-11	1,478.5
APR	244.0	228.7	145.3	116.8	149.4	298.5	261.5	120.5	181.5	219.6	158.1	145.3	APR	FY11-12	3,084.3
MAY	154.7	151.1	236.9	193.7	345.2	339.0	311.9	112.7	212.6	237.6	179.5	124.0	MAY	FY12-13	2,902.6
JUN	155.1	157.1	241.1	243.1	376.4	361.2	312.0	141.8	241.6	265.5	161.9	180.5	JUN	FY13-14	3,460.8
JUL	214.0	131.5	247.8	286.9	403.2	365.1	313.3	150.4	266.1	285.2	218.9	233.9	JUL	FY14-15	1,602.3
AUG	214.6	191.4	177.6	341.4	395.8	346.0	188.8	211.5	257.0	255.0	212.3	245.7	AUG	FY15-16	2,129.5
SEPT	175.7	297.8	118.8	354.6	146.4	381.2	154.9	217.1	207.1	176.2	186	231.7	SEPT	FY16-17	1,744.2
OCT	278.7	193.1	73.4	260.2	74.7	318.7	156.4	224.8	53	66.3	225.4		OCT	FY17-18	1,684.6
NOV	170.9	222.7	76.9	134.1	234.9	252.8	113.7	235.5	31.1	53.2	41.2		NOV	FY18-19	
DEC	98.1	141.8	38.2	223.8	57.4	265.1	45.6	138.8	25.4	13.6	37.1		DEC	FY19-20	
	2,004.3	2,109.4	1,719.4	2,346.8	2,795.7	3,519.1	2,504.6	1,807.7	1,791.1	1,754.0	1,756.0	1,335.0			

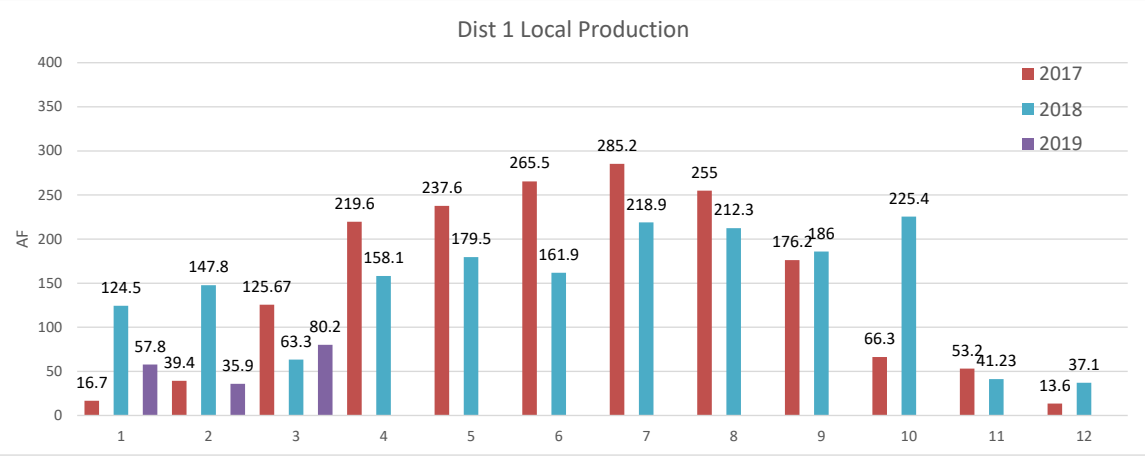
IMPORTED

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	IMPORTED		
JAN	511.8	595.3	440.7	560.1	524.8	452.3	684.7	506.3	311.4	292.6	505.2	328.5	JAN	FY08-09	10,534.9
FEB	408.4	364.8	253.7	475.5	501.2	426.9	469.1	464.3	432.2	238.0	539.1	231.3	FEB	FY09-10	9,160.9
MAR	737.1	628.9	471.5	411.4	515.0	571.7	521.6	642.2	382.2	435.3	332.8	326.6	MAR	FY10-11	8,741.5
APR	1037.1	877.2	532.8	644.9	457.1	666.2	680.8	752.3	479.4	587.0	584.7	625.1	APR	FY11-12	7,786.1
MAY	1164.8	1,147.2	882.9	853.0	744.2	819.8	897.3	710.9	570.3	704.8	623.2	567.3	MAY	FY12-13	8,762.4
JUN	1422.8	998.4	924.3	824.8	831.4	875.2	842.6	766.9	685.3	721.4	740.4	644.5	JUN	FY13-14	8,914.5
JUL	1309.8	1,335.1	998.8	1016.8	897.0	967.7	908.6	719.3	766.0	814.9	847.2	771.3	JUL	FY14-15	8,621.6
AUG	1258.2	1,222.6	1179.4	889.4	987.5	934.9	995.3	780.4	762.1	834.4	846.9	816.0	AUG	FY15-16	6,735.3
SEPT	1143.7	1,110.4	1086.8	793.9	1089.9	880.3	962.6	676.1	742.0	823.4	713.2	759.6	SEPT	FY16-17	7,102.0
OCT	1046.0	743.9	668.6	593.2	1100.8	815.8	908.0	666.0	761.5	929.5	636.4		OCT	FY17-18	8,293.7
NOV	725.2	793.8	622.8	424.9	577.0	626.0	681.1	522.2	629.7	734.0	705.8		NOV	FY18-19	
DEC	440.2	449.2	415.4	494.2	298.1	593.7	323.1	510.5	461.6	832.1	432.2		DEC	FY19-20	
	11,205.1	10,266.9	8,477.7	7,982.1	8,524.0	8,630.5	8,874.8	7,717.4	6,983.7	7,947.4	7,507.1	5,070.2			

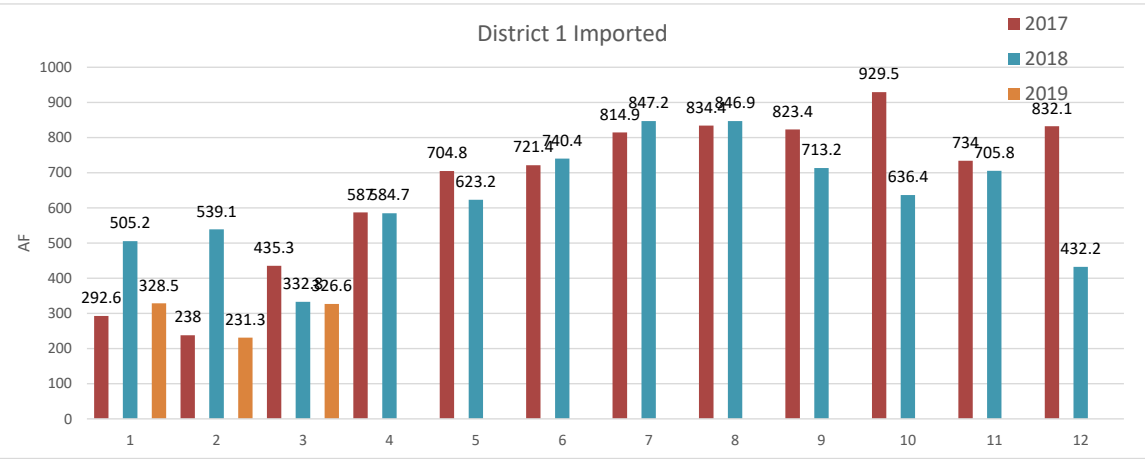
TOTAL

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	TOTAL		
JAN	541.8	737.2	570.1	631.6	742.8	620.5	986.5	579.8	373.3	309.3	629.7	386.3	JAN	FY08-09	12,618.0
FEB	497.9	462.7	342.6	536.3	719.4	611.9	644.5	549.0	555.5	277.4	686.9	267.2	FEB	FY09-10	11,325.9
MAR	916.1	783.3	616.6	471.3	691.1	810.0	690.9	738.6	512.7	561.0	396.1	406.8	MAR	FY10-11	10,220.0
APR	1281.1	1105.9	678.1	761.7	606.5	964.7	942.3	872.8	660.9	806.6	742.8	770.4	APR	FY11-12	10,870.4
MAY	1319.5	1298.3	1119.8	1046.7	1089.4	1158.8	1209.2	823.6	782.9	942.4	802.7	691.3	MAY	FY12-13	11,665.0
JUN	1577.9	1155.5	1165.4	1067.9	1207.8	1236.4	1154.6	908.7	926.9	986.9	902.3	825.0	JUN	FY13-14	12,375.3
JUL	1523.8	1466.6	1246.6	1303.7	1300.2	1332.8	1221.9	869.7	1032.1	1100.1	1066.1	1005.2	JUL	FY14-15	10,223.9
AUG	1472.8	1414.0	1357.0	1230.8	1383.3	1280.9	1184.1	991.9	1019.1	1089.4	1059.2	1061.7	AUG	FY15-16	8,864.8
SEPT	1319.4	1408.2	1205.6	1148.5	1236.3	1261.5	1117.5	893.2	949.1	999.6	899.2	991.3	SEPT	FY16-17	8,846.2
OCT	1324.7	937.0	742.0	853.4	1175.5	1134.5	1064.4	890.8	814.5	995.8	861.8		OCT	FY17-18	9,978.3
NOV	896.1	1016.5	699.7	559.0	811.9	878.8	794.8	757.7	660.8	787.2	747.0		NOV	FY18-19	
DEC	538.3	591.0	453.6	718.0	355.5	858.8	368.7	649.3	487	845.7	469.3		DEC	FY19-20	
	13,209.4	12,376.3	10,197.1	10,328.9	11,319.7	12,149.6	11,379.4	9,525.1	8,774.8	9,701.4	9,263.1	6,405.2			

Dist 1 Local Production										
	2016	2017	2018	2019	M-M %	2016 YTD	2017 YTD	2018 YTD	2019 YTD	YTD %
Jan	61.9	16.7	124.5	57.8	-73.0%	61.9	16.7	124.5		-73.0%
Feb	123.3	39.4	147.8	35.9	-68.0%	185.2	56.1	272.3		-69.7%
Mar	130.5	125.7	63.3	80.2	-3.7%	315.7	181.8	335.6		-42.4%
Apr	181.5	219.6	158.1		21.0%	497.2	401.4	493.7		-19.3%
May	212.6	237.6	179.5		11.8%	709.8	639.0	673.2		-10.0%
Jun	241.6	265.5	161.9		9.9%	951.4	904.5	835.1		-4.9%
Jul	266.1	285.2	218.9		7.2%	1217.5	1189.7	1054.0		-2.3%
Aug	257.0	255	212.3		-0.8%	1474.5	1444.7	1266.3		-2.0%
Sep	207.1	176.2	186		-14.9%	1681.6	1620.9	1452.3		-3.6%
Oct	53	66.3	225.4		25.1%	1734.6	1687.2	1677.7		-2.7%
Nov	31.1	53.2	41.23		71.1%	1765.7	1740.4	1718.9		-1.4%
Dec	25.4	13.6	37.1		-46.5%	1791.1	1754.0	1756.0		-2.1%



District 1 Imported										
	2016	2017	2018	2019	M-M %	2016 YTD	2017 YTD	2018 YTD	2019 YTD	YTD %
Jan	311.4	292.6	505.2	328.5	-6.0%	311.4	292.6	505.2		-6.0%
Feb	432.2	238	539.1	231.3	-44.9%	743.6	530.6	1044.3		-28.6%
Mar	382.2	435.3	332.8	326.6	13.9%	1125.8	965.9	1377.1		-14.2%
Apr	479.4	587	584.7		22.4%	1605.2	1552.9	1961.8		-3.3%
May	570.3	704.8	623.2		23.6%	2175.5	2257.7	2585.0		3.8%
Jun	685.3	721.4	740.4		5.3%	2860.8	2979.1	3325.4		4.1%
Jul	766.0	814.9	847.2		6.4%	3626.8	3794.0	4172.6		4.6%
Aug	762.1	834.4	846.9		9.5%	4388.9	4628.4	5019.5		5.5%
Sep	742	823.4	713.2		11.0%	5130.9	5451.8	5732.7		6.3%
Oct	761.5	929.5	636.4		22.1%	5892.4	6381.3	6369.1		8.3%
Nov	629.7	734	705.8		16.6%	6522.1	7115.3	7074.9		9.1%
Dec	461.6	832.1	432.2		80.3%	6983.7	7947.4	7507.1		13.8%



District 1 Total Production										
	2016	2017	2018	2019	M-M %	2016 YTD	2017 YTD	2018 YTD	2019 YTD	YTD %
Jan	373.3	309.3	629.7	386.3	-17.1%	373.3	309.3	629.7		-17.1%
Feb	555.5	277.4	686.9	267.2	-50.1%	928.8	586.7	1316.6		-36.8%
Mar	512.7	561	396.1	406.8	9.4%	1441.5	1147.7	1712.7		-20.4%
Apr	660.9	806.6	742.8		22.0%	2102.4	1954.3	2455.5		-7.0%
May	782.9	942.4	802.7		20.4%	2885.3	2896.7	3258.2		0.4%
Jun	926.9	986.9	902.3		6.5%	3812.2	3883.6	4160.5		1.9%
Jul	1032	1100	1066		6.6%	4844.3	4983.7	5226.6		2.9%
Aug	1019	1089	1059		6.9%	5863.4	6073.1	6285.8		3.6%
Sep	949.1	999.6	899.2		5.3%	6812.5	7072.7	7185.0		3.8%
Oct	814.5	995.8	861.8		22.3%	7627.0	8068.5	8046.8		5.8%
Nov	660.8	787.2	747		19.1%	8287.8	8855.7	8793.8		6.9%
Dec	487	845.7	469.3		73.7%	8774.8	9701.4	9263.1		10.6%

