

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
January 4, 2017, 8:30 a.m.

AGENDA

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC PARTICIPATION/COMMENTS

At this time members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken.

The Board requests, but does not require, that members of the public who want to address the Board complete a voluntary "Request to be Heard" form available from the Board Secretary prior to the meeting.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Determine need and take action to agendize item(s), which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present or, if less than two-thirds of the Board members are present, a unanimous vote.)

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

Pursuant to Government Code Section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

(NEXT RESOLUTION NO. 2040)

PRESENTATION/DISCUSSION/INFORMATION ITEMS

**1. WATER SUPPLY CONDITION UPDATE AND ORANGE COUNTY
PERFORMANCE REPORT FOR OCTOBER 2016**

Recommendation: Review and discuss the information presented.

**2. PRESENTATION BY DEVEN UPADHYAY OF THE METROPOLITAN WATER
DISTRICT ON ITS IRP PHASE II POLICY PROCESS DISCUSSION OF LOCAL
RESOURCE DEVELOPMENT AND WATER CONSERVATION**

Recommendation: Review and discuss the information presented.

3. MET ITEMS CRITICAL TO ORANGE COUNTY (The following items are for informational purposes only – a write up on each item is included in the packet. Discussion is not necessary unless requested by a Director)

- a. MET's Water Supply Conditions
- b. MET's Finance and Rate Issues
- c. Colorado River Issues
- d. Bay Delta/State Water Project Issues
- e. MET's Ocean Desalination Policy and Potential Participation by MET in the Doheny Desalination Project and in the Huntington Beach Ocean Desalination Project (Poseidon Desalination Project)
- f. Orange County Reliability Projects
- g. East Orange County Feeder No. 2
- h. South County Projects

Recommendation: Discuss and provide input on information relative to the MET items of critical interest to Orange County.

4. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS

- a. Summary regarding December MET Board Meeting
- b. Review items of significance for MET Board and Committee Agendas

Recommendation: Review and discuss the information presented.

ADJOURNMENT

Note: Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.



DISCUSSION ITEM

January 4, 2017

TO: Board of Directors

**FROM: Robert Hunter,
General Manager**

Staff Contact: Kevin Hostert/ Harvey De La Torre

**SUBJECT: WATER SUPPLY CONDITION UPDATE AND ORANGE COUNTY
PERFORMANCE REPORT FOR October 2016**

STAFF RECOMMENDATION

Staff recommends the Board of Directors review and discuss this information

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

DETAILED REPORT

Attached is an update on state and local water supply conditions, including a status report on Orange County's water saving for October 2016.

For the month of October 2016, Orange County saved 19.3% (compare to October 2013 actual water usage), far exceeding the MWDOC Countywide saving goal of 10%. In fact, total water demand for FY2015-16 was the lowest demand since FY1982-83. These savings have resulted in over 177,000 AF of water consumed (compared to 2013 water usage) since the State Control Board's Conservation Targets were put in place in June 2015.

As we enter the heart of winter, state precipitation is looking good. The Northern California accumulated precipitation (8-Station Index) is reporting 28.4 inches or 193% of normal as of December 20, for the month of December accumulated precipitation was at 10.4 inches which is 2 inches above normal compared to the historical average. In summary, October 2016 was one of the wettest Octobers on record, November finished up just slightly below average, and December was already above average with 11 days to go at the time this report was written. However, the Northern California Snow Water Equivalent is at 5 inches as of December 20, which is only 61% of normal. A deep winter snowpack ensures higher spring and summer flows into state and federal reservoirs. It is still early in the water year and most of the state's precipitation/snowfall occurs between December thru March.

Budgeted (Y/N): N	Budgeted amount: None	Core <u>_X_</u>	Choice <u>__</u>
Action item amount: N/A	Line item:		
Fiscal Impact (explain if unbudgeted):			

However, these conditions have resulted the Department of Water Resources increasing the SWP "Table A" allocation from 20% to 45%. This increase will result in providing Metropolitan with approximately 860,175 Acre-Feet (AF) in SWP deliveries this water year. Last year, Metropolitan's final SWP's Allocation was 60% or 1.1 Million AF.

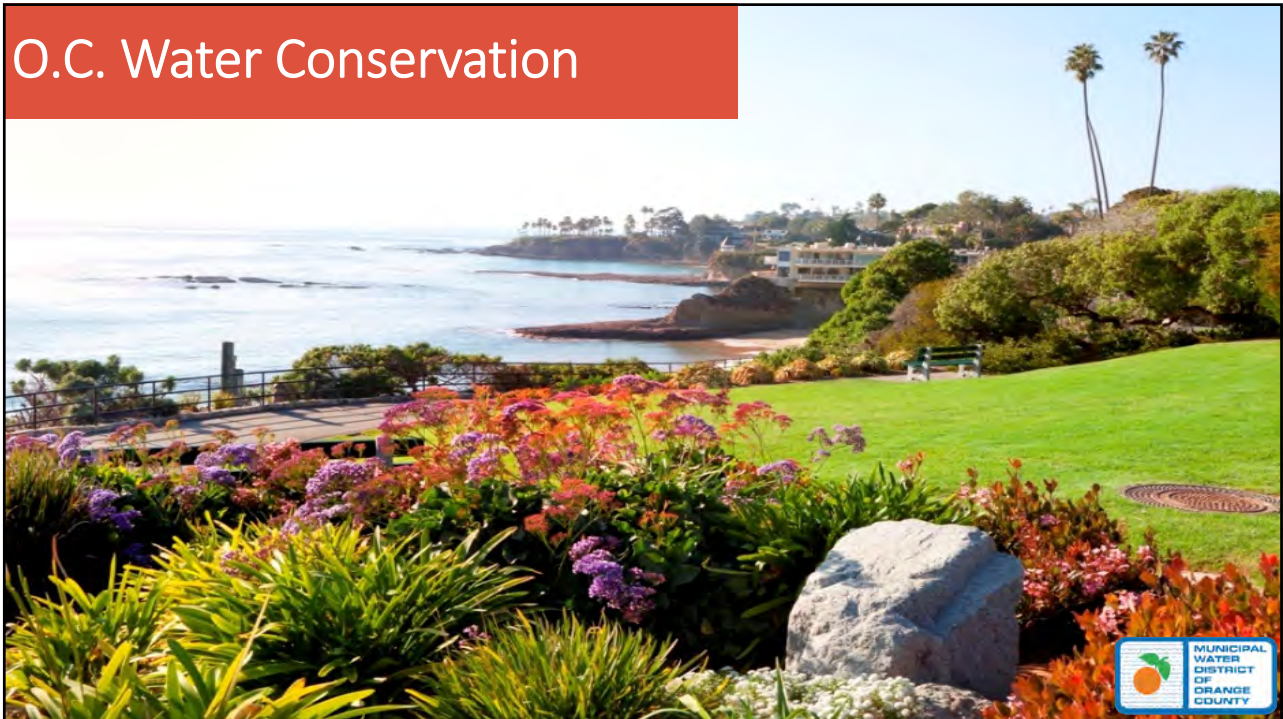


Orange County Drought Performance & Water Supply Report

January 4, 2017

Municipal Water District of Orange County

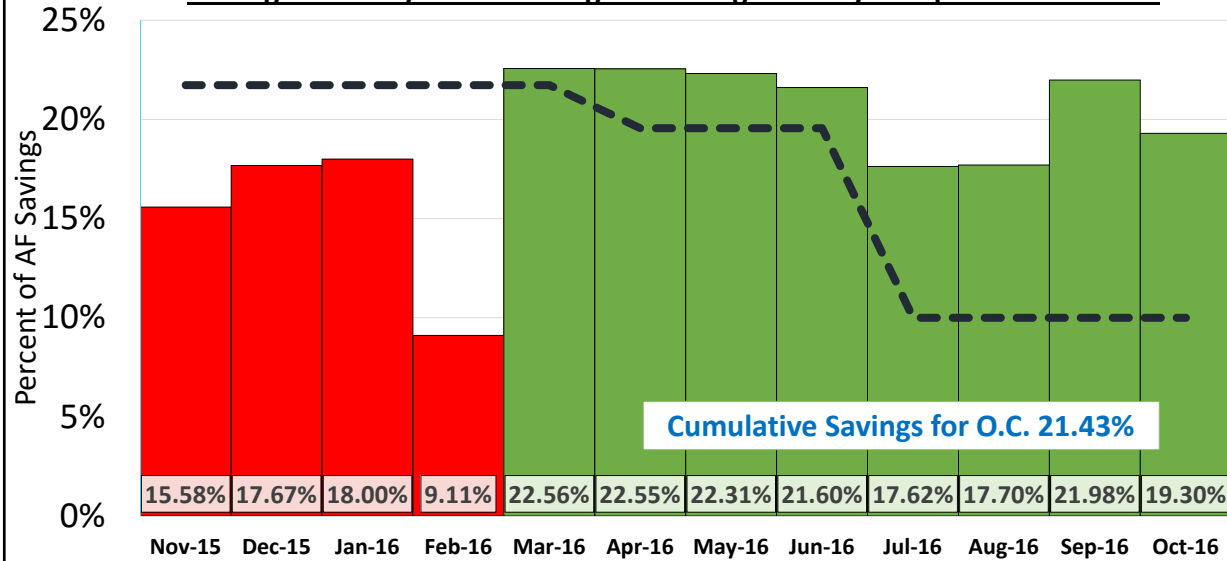
O.C. Water Conservation



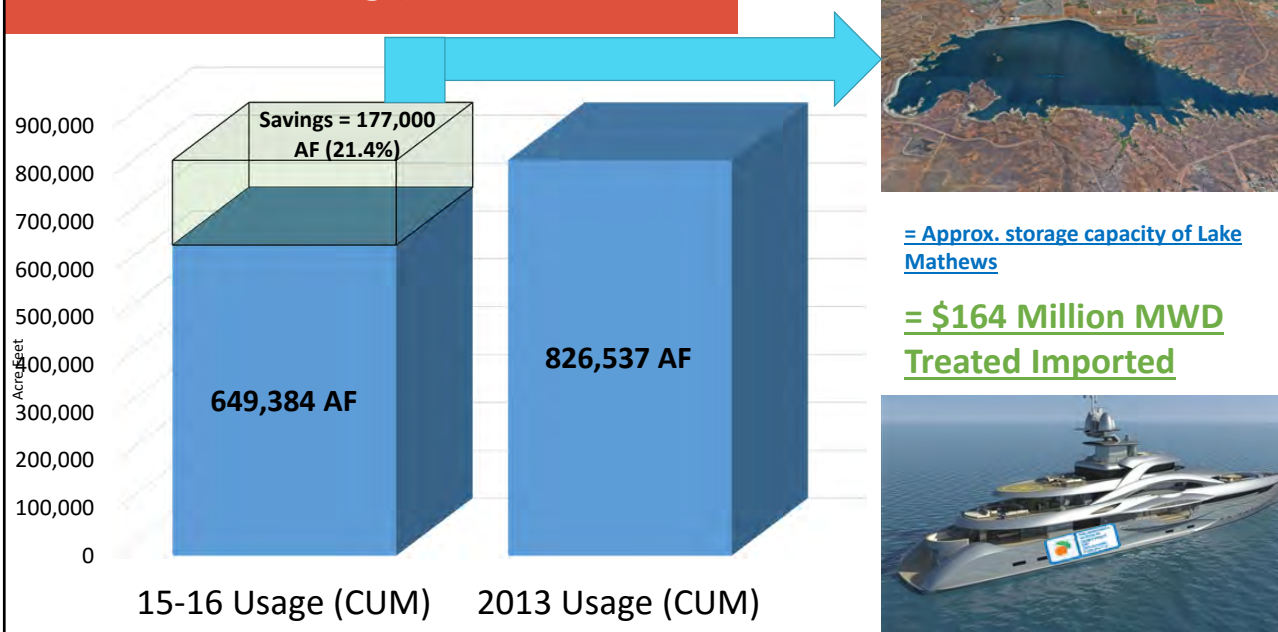
O.C. Water Savings Reported to SWRCB



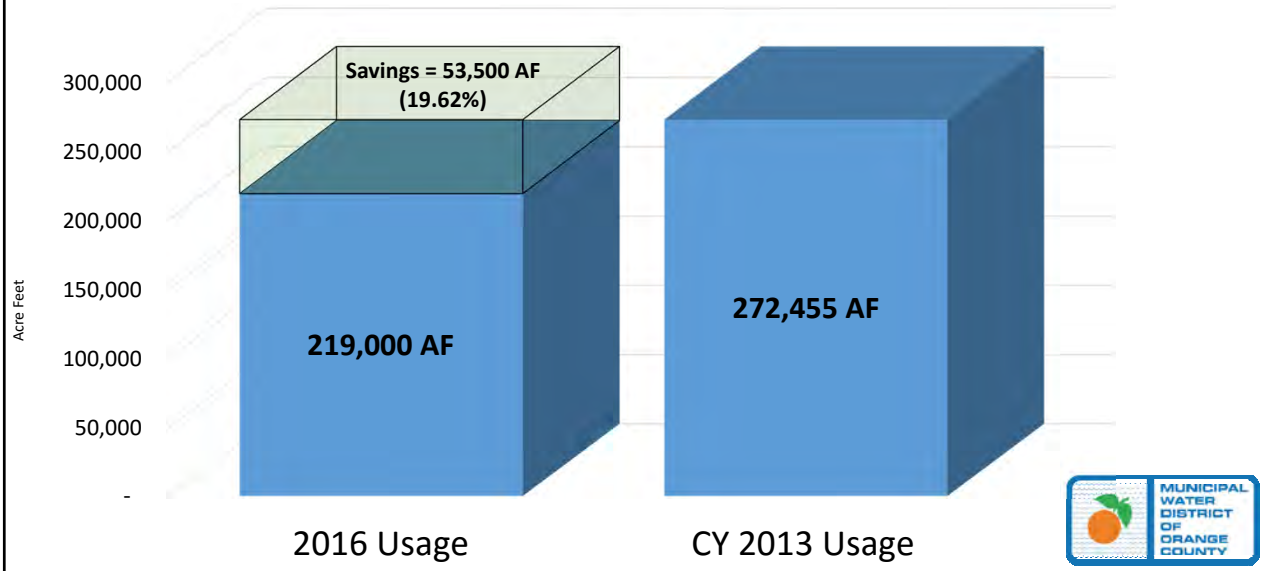
Average Monthly Water Savings for Orange County Compared to CY 2013



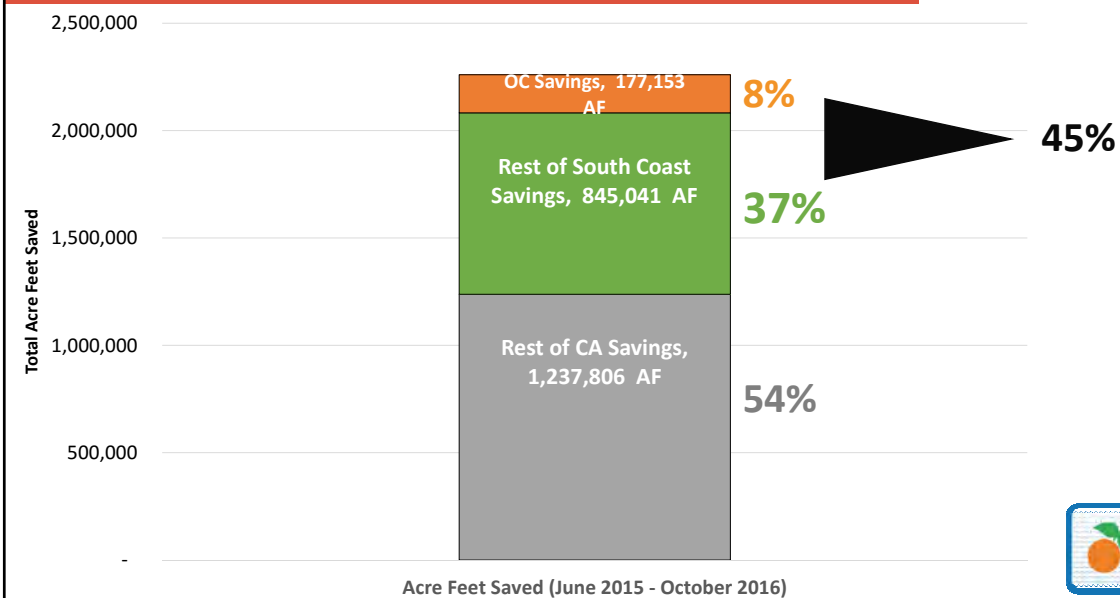
O.C. Water Saving (Cumulative)



O.C. Water Savings Since June 2016



O.C. Water Savings VS California Savings



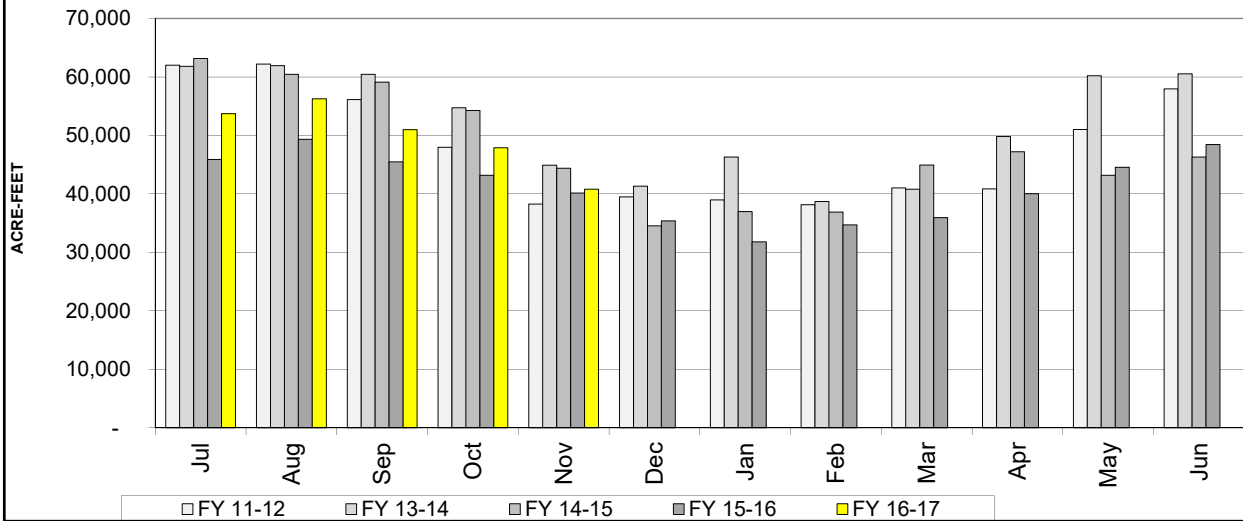
O.C. Historical Water Usage

November 2015 = 0.03 Inches of Rain

November 2016 = 1.41 Inches of Rain



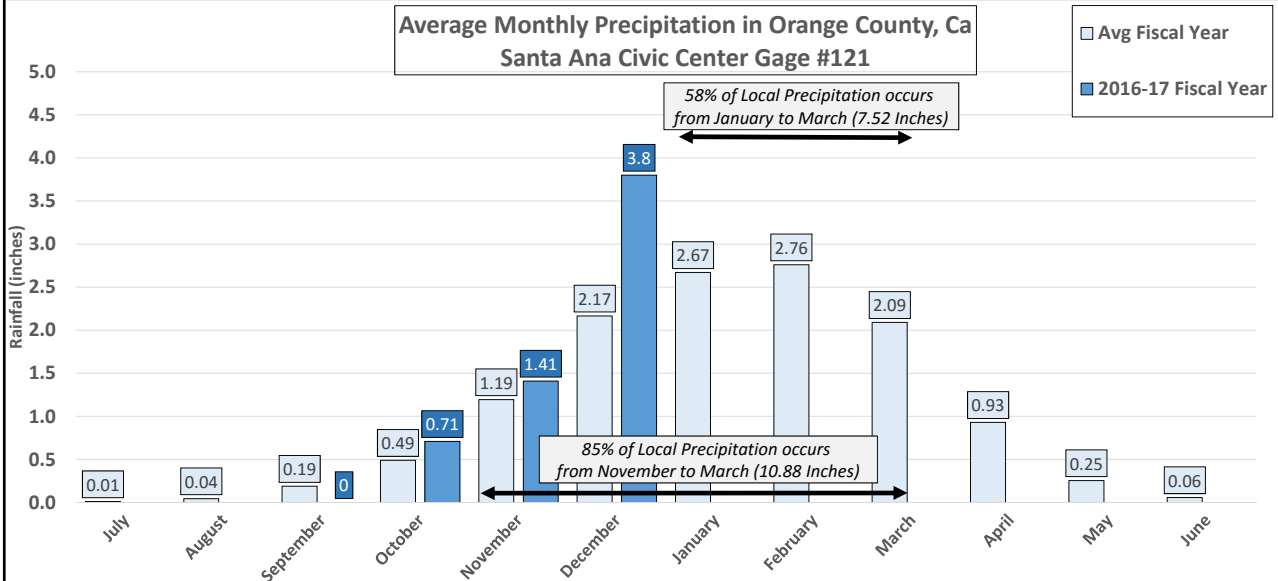
Fig. 2A OC Monthly Water Usage [1]: Comparison to Last 4 Fiscal Years



Historical Local Precipitation



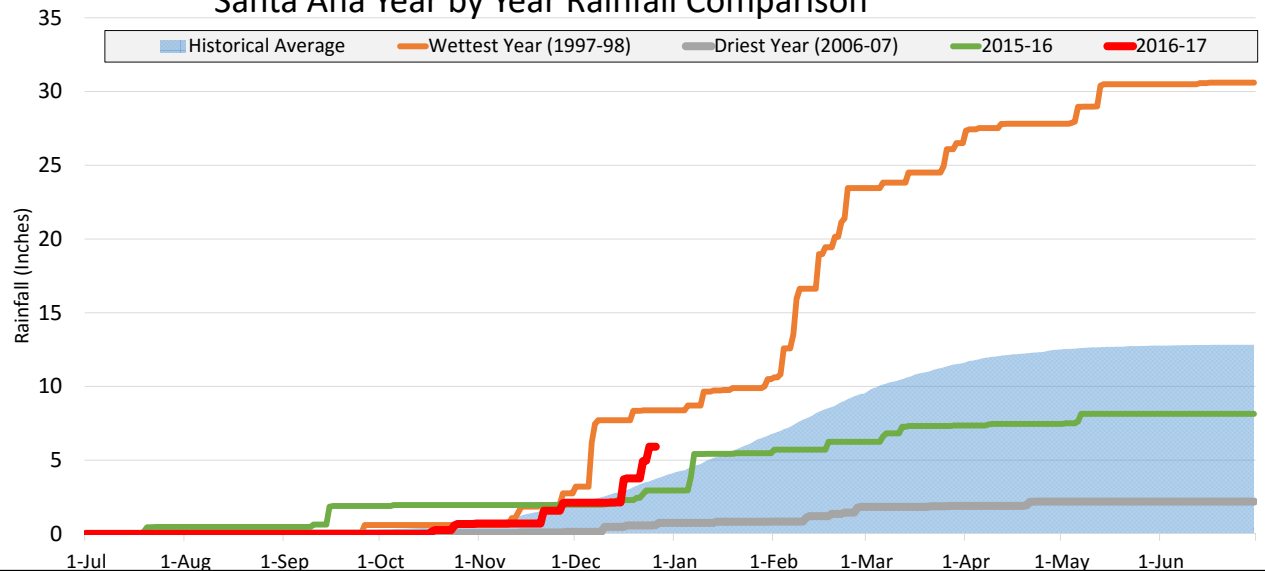
**Average Monthly Precipitation in Orange County, Ca
Santa Ana Civic Center Gage #121**



Historical Local Precipitation



Santa Ana Year by Year Rainfall Comparison

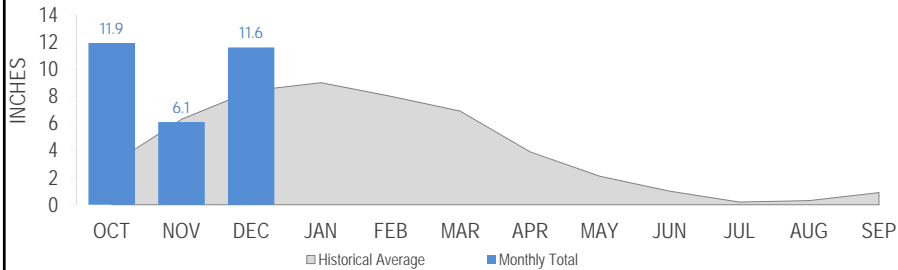


Regional Weather and Water Supply Conditions

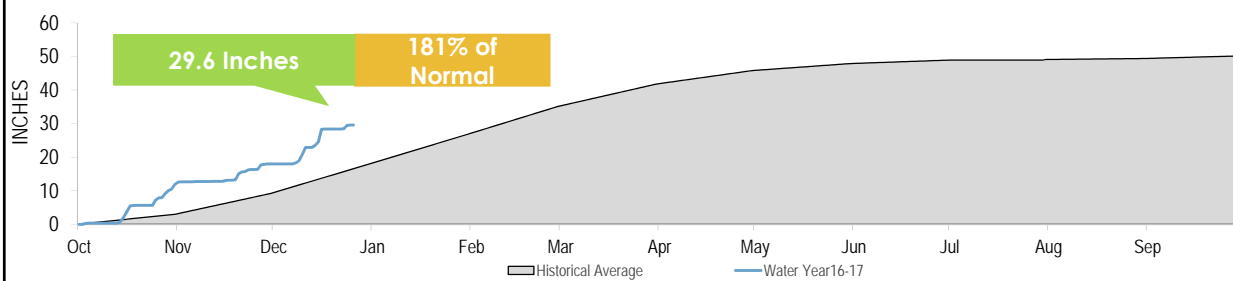


Northern California Accumulated Precipitation

Monthly Precipitation (8 Station Precip Index)

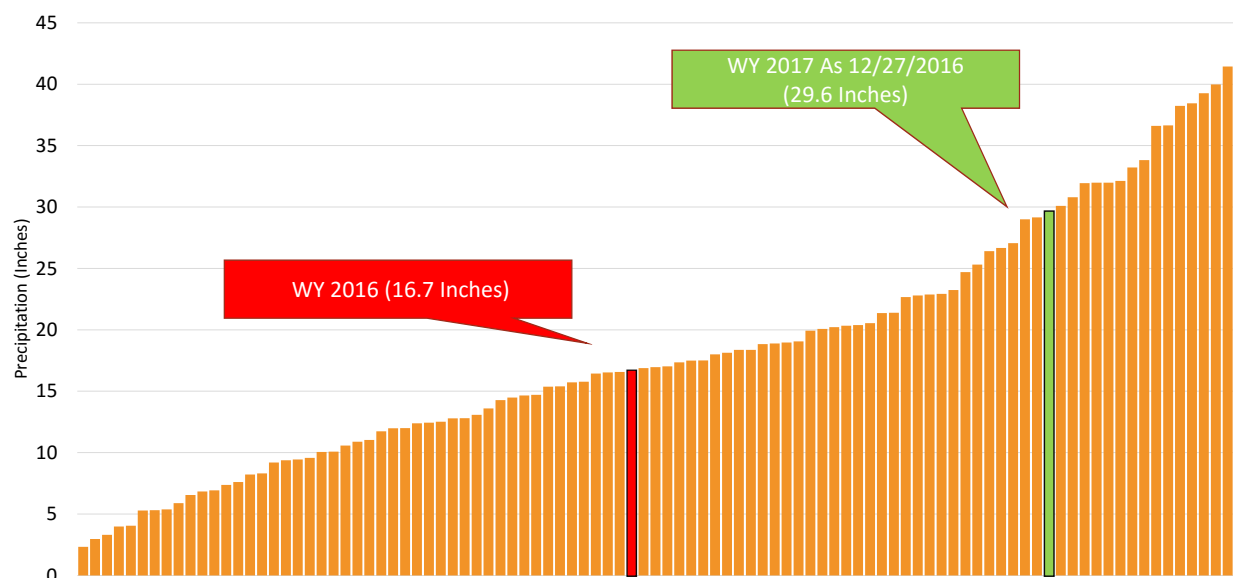


Accumulated Precipitation (8-Station Precip Index)

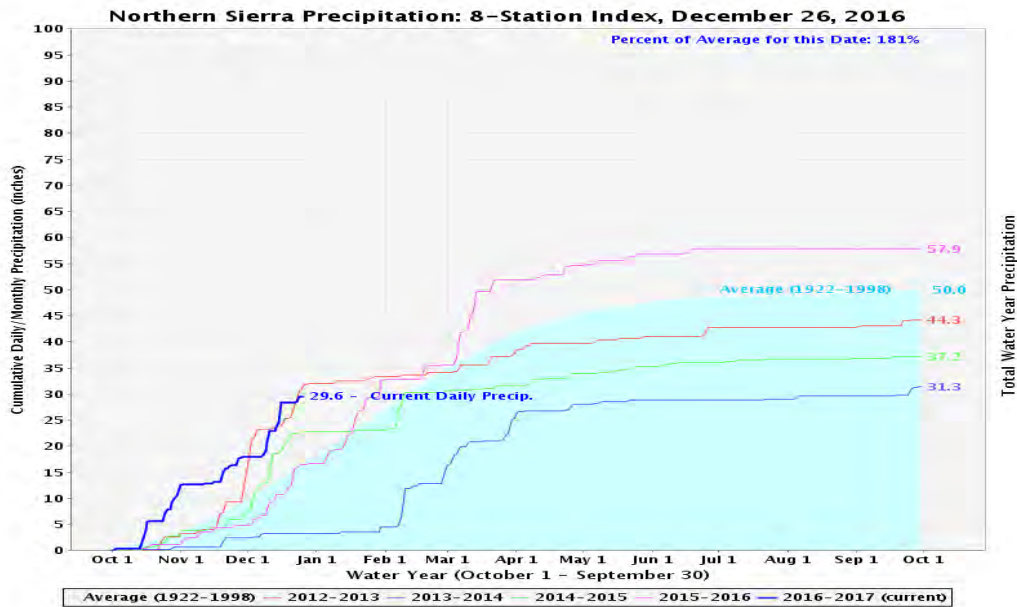


Historical Northern California Accumulated Precipitation

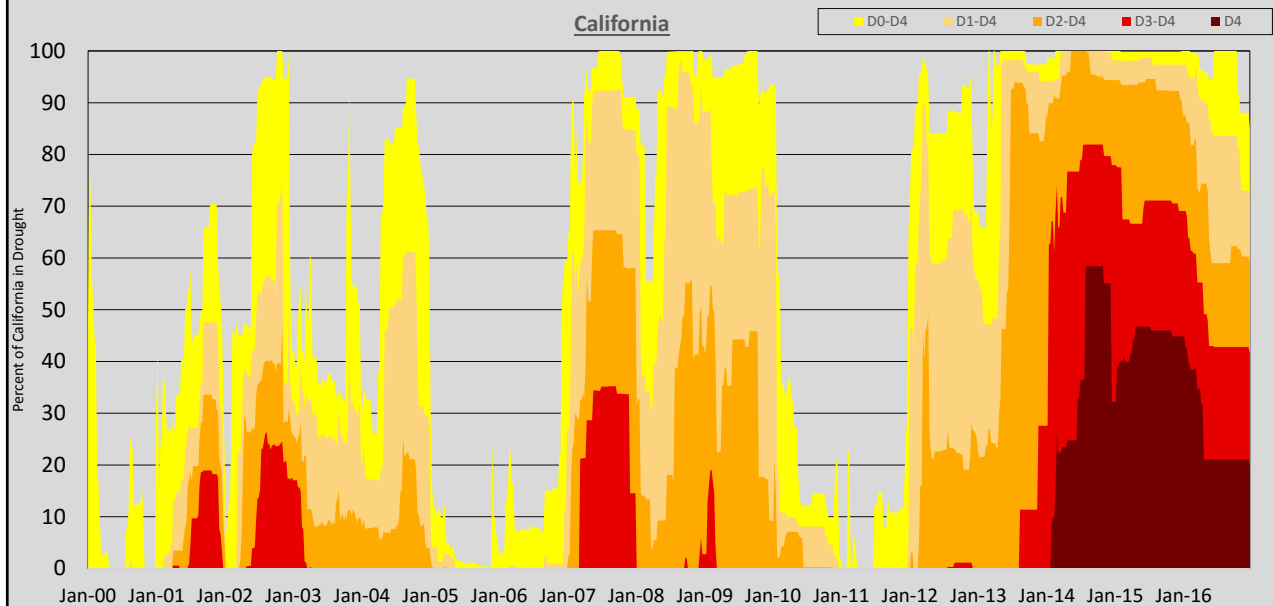
Historical Northern California Precipitation (October to December)



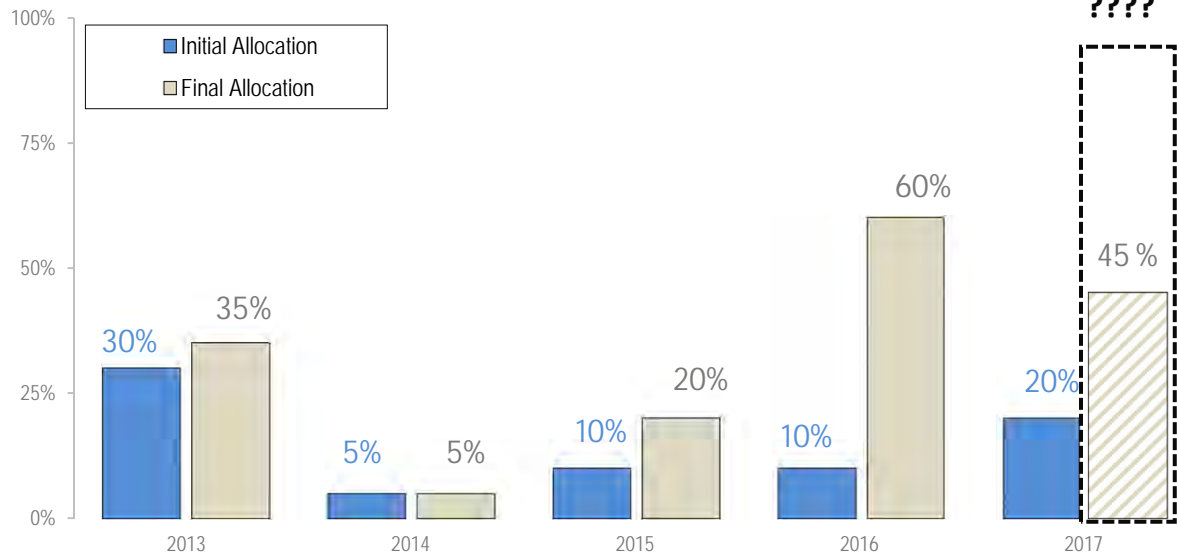
Historical Northern California Accumulated Precipitation



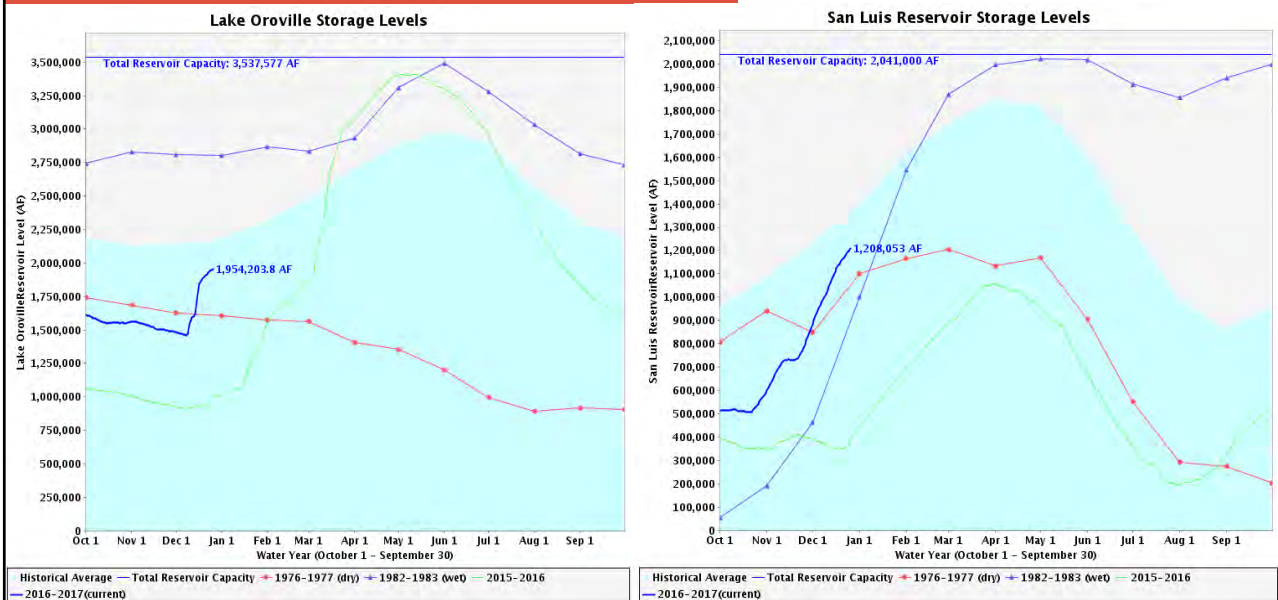
California Drought Monitor (Dec-2015 VS Dec-2016)



2016-17 SWP Table Allocation



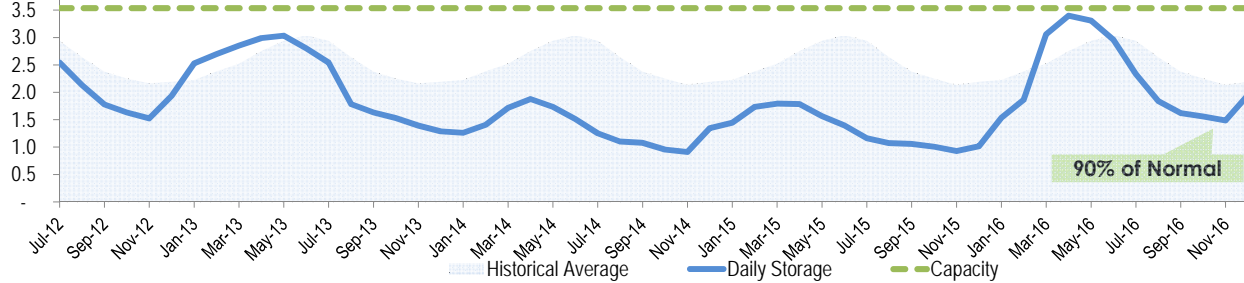
SWP Storage (12/26/2016)



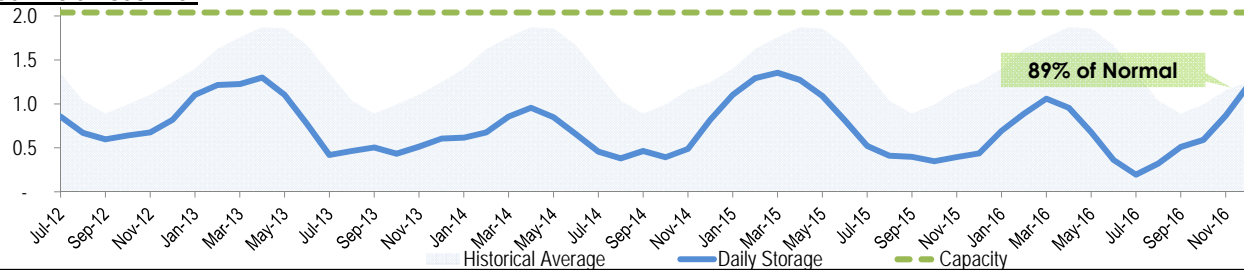
SWP Storage (12/26/2016)



Lake Oroville

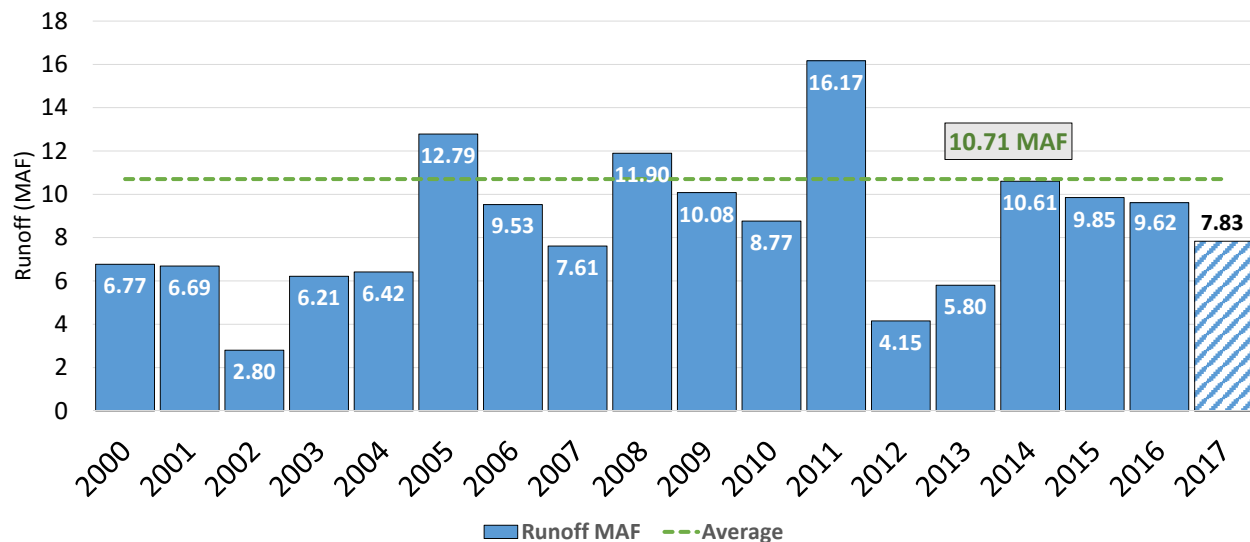


San Luis Reservoir

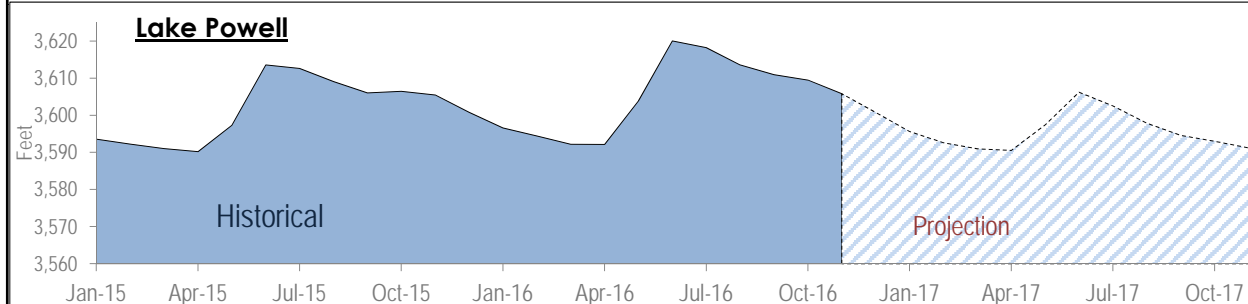
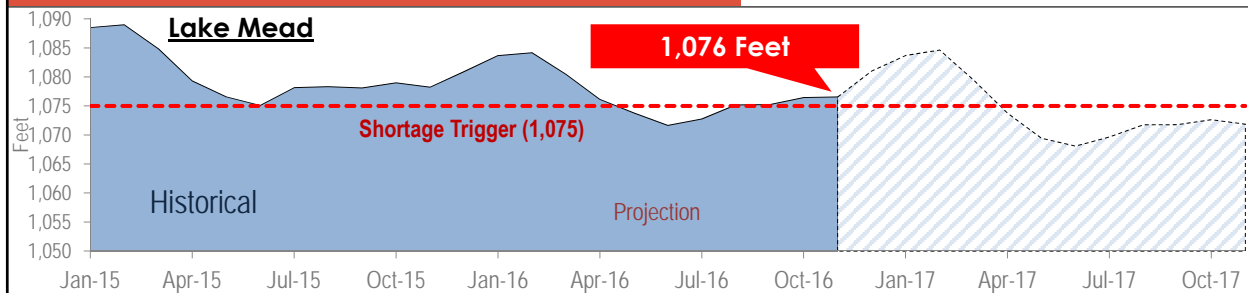


Colorado River Basin Outlook

Lake Powell Unregulated Historical Inflow



Lake Mead Projected Levels

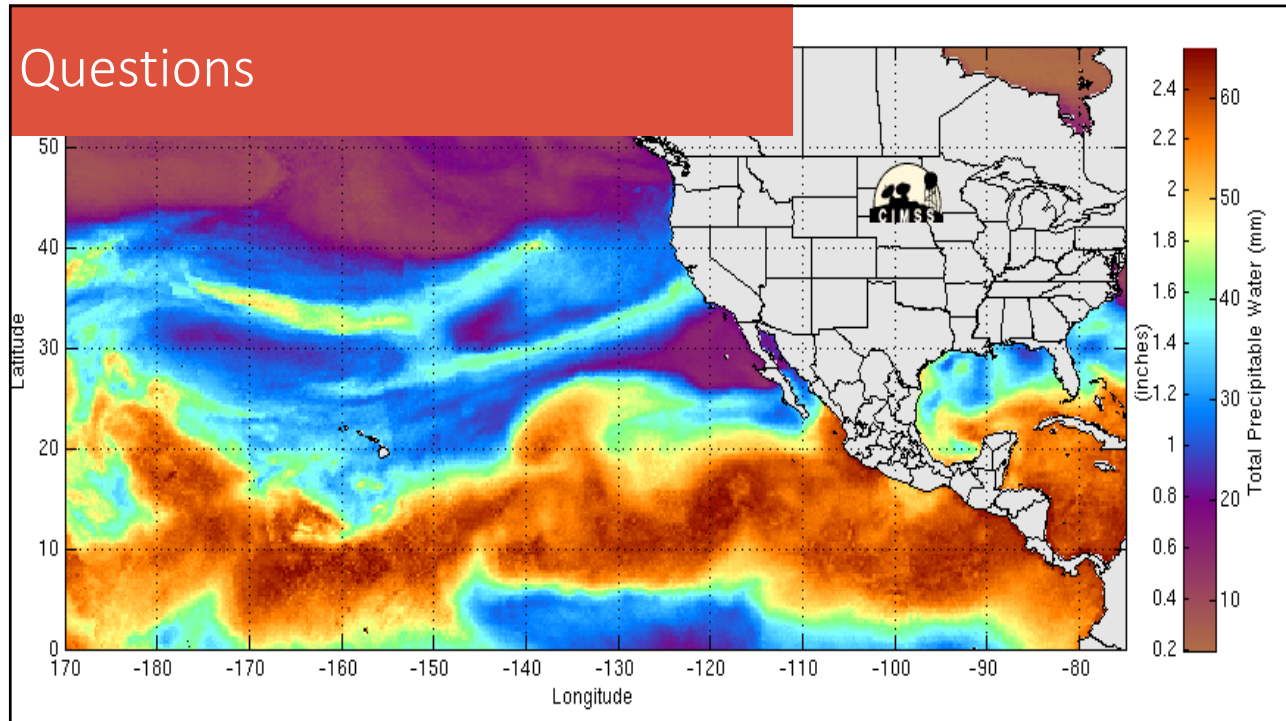


Water Supply Conclusions

- ❖ Orange County residents continue to save large amounts of water compared to CY 2013.
- ❖ Accumulated Precipitation is **well above** the historical average in North California. Northern California Snowpack is **below average**.
- ❖ Precipitation in Southern California is **above average** for the 2016-17 water year. **Below average precipitation** has occurred the last **5 Water Years**.
- ❖ There still a lot of winter to go and more potential for wet weather.
- ❖ Key State Reservoirs Levels Continue to **improve** compared to last year.
- ❖ Table A allocation has increased to **45 %**, which is about **0.9 MAF** of water to MWD. With good hydrological conditions allocation could be raised in the future.
- ❖ The **majority of California** is still in some form of **drought** but conditions are slowly **improving** in Northern California.
- ❖ The Colorado River System is still in **decline** and Lake mead could possibly see a shortage trigger at the end of CY 2018.



Questions





DISCUSSION ITEM

January 4, 2017

TO: Board of Directors

**FROM: Robert Hunter,
General Manager**

Staff Contact: Harvey De La Torre

SUBJECT: Presentation by Deven Upadhyay of the Metropolitan Water District on its IRP Phase II Policy Process discussion of Local Resource Development and Water Conservation

STAFF RECOMMENDATION

Staff recommends the Board of Directors review and discuss this information

DETAILED REPORT

Following the adoption of the 2015 Integrated Resource Plan (IRP) in January 2016, the Metropolitan (MET) Board embarked on Phase II Policy Process to discuss its resource implementation policies. These policy discussions focus on how (and in what manner) MET should create a diversified portfolio of actions that can help stabilize and maintain MET's core imported supplies, which MET programs and policies should be modified or changed to help meet the IRP local resource targets, and what the associated local and regional responsibilities are in achieving these reliability targets.

Last month, the MET IRP Committee began the discussion of how MET can further encourage local resource development and water conservation. It included an overview of MET's historic role in helping agencies develop local resource projects, as well as its role in encouraging water conservation in Southern California.

MWDOC staff has invited Deven Upadhyay, Group Manager of Water Resource Management to present on MET's current and future role of encouraging local resource development and water conservation as part of the IRP policy discussions.

Budgeted (Y/N): N	Budgeted amount: None	Core _X_	Choice __
Action item amount: N/A	Line item:		
Fiscal Impact (explain if unbudgeted):			



DISCUSSION ITEM

January 4, 2016

TO: Board of Directors

**FROM: Robert Hunter,
General Manager**

Staff Contact: Karl Seckel
Harvey De La Torre
Melissa Baum-Haley

SUBJECT: Metropolitan Water District (MET) Items Critical To Orange County

STAFF RECOMMENDATION

Staff recommends the Board of Directors to review and discuss this information.

DETAILED REPORT

This report provides a brief update on the current status of the following key MET issues that may affect Orange County:

- a) MET's Water Supply Conditions
- b) MET's Finance and Rate Issues
- c) Colorado River Issues
- d) Bay Delta/State Water Project Issues
- e) MET's Ocean Desalination Policy and Potential Participation in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects
- f) Orange County Reliability Projects
- g) East Orange County Feeder No. 2
- h) South Orange County Projects

Budgeted (Y/N): N	Budgeted amount: None	Core <u>X</u>	Choice <u> </u>
Action item amount: N/A		Line item:	
Fiscal Impact (explain if unbudgeted):			

ISSUE BRIEF # A**SUBJECT: MET's Water Supply Conditions****RECENT ACTIVITY**

With reservoirs rising from the December storms, on December 21 the Department of Water Resources (DWR) increased its early season estimate of calendar year 2017 State Water Project (SWP) "Table A" allocation from 20% to 45%. The calendar year 2016 allocation was eventually increased to a final allocation of 60% as a result of increased reservoir storage levels. The last 100% SWP allocation was in 2006. A full 100% allocation is difficult to achieve even in wet years because of Delta pumping restrictions. As of December 21, Lake Oroville held 54% of its capacity and 88% of its historical average for the date (normal); Lake Shasta was holding 73% capacity and 120% of normal; and San Luis Reservoir has now increased to 57% capacity and 87% of normal.

Along the Colorado River Basin, as of November 28, 2016, the water level at Lake Mead was at 1,077 feet with 9.78 million acre-feet (MAF) of storage, or 37% of capacity. The water level at Lake Powell was at 3,606 feet with 12.3 MAF of storage, or 51% of capacity. As of November 27, 2016, the total system storage was 29.67 MAF, or 50% of capacity, but is 280,000 acre-feet less than where system storage was at this time last year.

With expected State Water Project and Colorado River deliveries reaching 2.1 MAF for 2016 and MET demands comprised of 1.5 MAF of local demand and 200 thousand acre-feet (TAF) for local groundwater replenishment, this should result in MET storing 400 TAF of water. MET is expecting that it will end the calendar year with a total of 1.3 MAF of dry-year storage.

ISSUE BRIEF # B

SUBJECT: MET's Finance and Rate Issues

RECENT ACTIVITY

MET Financial Report

At the December MET Finance and Insurance Committee, MET staff presented its financial review for the first five months of FY2016-17. Through November 30, 2016, the cumulative water sales were 23.9 TAF (3%) lower than budget and 34.5 TAF lower than the five year average.

Comparatively, sales through November 2016 were 112.5 TAF (14%) higher than November 2015. This is due to increase full service groundwater replenishment deliveries. MET untreated water sales have resulted in 37.5% (\$225.6 million) of the \$601.5 million in total water sales.

ISSUE BRIEF # C

SUBJECT: Colorado River Issues

RECENT ACTIVITY

Colorado River Drought Contingency Plan

While a lot of progress has been made on the Colorado River Drought Contingency Plan (Contingency Plan), it was not brought to the Metropolitan Board in December as anticipated. Staff and legal work will continue through mid-January. The remaining three major unresolved issues are: 1) Metropolitan's need for clarification on how the Bay-Delta will affect its ability to contribute water within the Contingency Plan, 2) Imperial Irrigation District's need for clarification on the State assistance on the Salton Sea, and 3) State of Arizona inability to execute the Plan without action from their State Legislature.

The Colorado River Board also remains in negotiation with Mexico regarding Minute 32x. Within Minute 32x, the three basic provisions are: 1) shortage and surplus triggers, 2) opportunities for Colorado River User e.g. Metropolitan to continuing funding conservation programs in Mexico, and 3) Future Mexico Pulse flow. Minute 32x is expected to be brought to the Metropolitan Board for action in early 2017. However, the Metropolitan staff's preference is to have the Drought Contingency Plan executed before negotiating with Mexico.

Metropolitan, Coachella Reach Agreement on 2017 Water Deliveries

On November 16, the general managers of Coachella Valley Water District (Coachella) and Metropolitan executed an agreement that governs exchange and delivery of water to Coachella during 2017. As part of the Quantification Settlement Agreement (QSA) and related agreements that were approved in 2003, an exchange agreement was executed between Coachella and Metropolitan in which Coachella could request from Metropolitan up to 35,000 acre-feet of State Water Project water per year and exchange that water for Colorado River water for delivery to Coachella at either Imperial Dam or, with concurrence of Metropolitan, at the Whitewater Service Connection off of the Colorado River Aqueduct.

Earlier in 2016, Coachella requested Metropolitan exchange and deliver 35,000 acre-feet of water to the Whitewater Service Connection. Due to the potential of continued drought, Metropolitan instead negotiated terms with Coachella for delivery of that water in 2017. Under the terms of the agreement that was executed, if the 2017 State Water Project final allocation is at least 40 percent of a contractor's Table A amount, Metropolitan will deliver the full 35,000 acre-feet to Coachella in 2017. If the final allocation is less than 40 percent, Metropolitan will deliver 5,000 acre-feet to Coachella in 2017, and will deliver the remaining 30,000 acre-feet in a later year at Metropolitan's discretion, but not later than 2020.

Metropolitan Submits Comments on Draft EIR for Proposed Palo Verde Solar Project

On November 10, Metropolitan staff submitted comments on a draft Environmental Impact Report for the proposed Palo Verde Mesa Solar Project (Project), a solar photovoltaic electrical generating facility that would generate up to 450 megawatts of energy. The proposed Project would be located within Palo Verde Irrigation District's (PVID) service area, on the mesa lands just above the Palo Verde Valley floor. Any water use by the Project, without mitigation, would directly reduce the amount of water available to Metropolitan from the Colorado River. The Project, however, is proposed to replace existing agricultural activities, and Metropolitan staff concluded that the solar energy Project would use less water than the existing agricultural uses that would be replaced. If that offset were to occur, Metropolitan stated that it would not oppose the use of PVID water for the Project's use; however, Metropolitan's letter went on to state that assurance would be needed that the agricultural activities would not move to other locations on the PVID mesa that are currently not being irrigated.

ISSUE BRIEF # D

SUBJECT: Bay Delta/State Water Project Issues

RECENT ACTIVITY

California WaterFix Petition Hearings

The California Department of Water Resources (DWR) and the U.S. Bureau of Reclamation (USBR) continue to develop the documents required to complete the California WaterFix environmental review process under the California Environmental Quality Act and National Environmental Policy Act.

In November, the California Water Fix Petition hearings before the State Water Resources Control Board (SWRCB) continued. Part 1 of the hearings addresses the effects of the project on legal users of water. The first segment (Part 1A), the presentation of the project by DWR and USBR, finished in late September 2016. The second segment (Part 1B), presentation of evidence by project opponents, began in late October 2016 and continued this month. DWR and USBR cross-examined the evidence presented by the project opponents. Metropolitan is participating in the hearings in collaboration with other public water agencies. Part 2 of the hearings, which are scheduled to begin no sooner than February 2017, will consider the effects of the project on fish and wildlife and review “appropriate flow” criteria.

Metropolitan staff continues to review draft environmental documents released by the SWRCB in September 2016 pertaining to Phase 1 of the Bay-Delta Water Quality Control Plan (WQCP) update process. The Phase 1 update of the Bay-Delta WQCP addresses requirements for salinity in the southern Delta and San Joaquin River flows. Written comments on the Phase 1 document are due in mid-January 2017. Metropolitan staff is also reviewing a draft technical document, Working Draft Scientific Basis Report Supporting Potential Changes to the Bay-Delta Plan, pertaining to Phase 2 of the WQCP update process. Phase 2 will address other comprehensive changes to the WQCP, such as requirements for Delta outflows, Sacramento River flows and interior Delta operations. Written comments on the draft technical document were due mid-December 2016.

Near-Term Delta Actions: Science Activities

Metropolitan staff continued work on the development of Delta Smelt Resiliency Strategy actions. The Metropolitan staff has been coordinating with other public water agency staff and DWR to actively engage in developing studies and monitoring plans for actions outlined in the Delta Smelt Resiliency Strategy. Early efforts are focused on the North Delta food-web adaptive management projects, outflow augmentation action, Suisun Marsh Salinity Control Gate reoperation, Franks Tract restoration feasibility, and Roaring River redistribution system.

Metropolitan staff continues to participate in the Collaborative Science and Adaptive Management Program, providing input to the salmon and Delta smelt studies that are underway. The Metropolitan staff efforts in November focused on developing recommendations for near-term salmon actions and studies based on information

developed in a salmon gap analysis report, and developing data sets to be tested in the Delta smelt fall outflow modeling studies. They also participating in the new Delta Smelt Resiliency Project Work Team as part of the Collaborative Adaptive Management Team, and coordinating with U.S. Fish and Wildlife Service staff to discuss the proposed enhanced monitoring program for Delta smelt.

ISSUE BRIEF # E

SUBJECT: MET's Ocean Desalination Policy and Potential Participation in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects

RECENT ACTIVITY

MET is working on the Phase 2 of its Integrated Resources Plan for 2015. MET is open to considering alternative ways of participating in local projects, including ocean desalination projects, as part of the on-going discussions.

Doheny Desal

The details of this have been moved to briefing Issue H as it pertains only to South Orange County.

Poseidon Huntington Beach

Orange County Water District (OCWD) is currently working on preparation of the CEQA documentation for the Poseidon Project integration work. Work continues on the project integration into the water supplies for OC. Poseidon is working with the State Lands Commission, the Santa Ana Regional Water Quality Control Board and then the California Coastal Commission on their permitting process, in that order. They believe it will take about a year to get through all of the permitting processes.

ISSUE BRIEF # F

SUBJECT: Orange County Reliability Projects

RECENT ACTIVITY

Central Pool Augmentation Program

There are no updates to report.

Orange County Water Reliability Study

CDM-Smith and MWDOC staff are working on the final publishing of the report.

ISSUE BRIEF # G

SUBJECT: East Orange County Feeder No. 2

RECENT ACTIVITY

Use of East Orange County Feeder No. 2 for Conveyance of Groundwater and Poseidon Water

(Nothing NEW to Report)

ISSUE BRIEF # H

SUBJECT: South Orange County Projects

RECENT ACTIVITY

Doheny Desal Project

South Coast Water District is continuing to move the project forward and to look for potential partners and grant funding as they initiate the CEQA process. South Coast will be holding Workshop #5 in the upcoming month or so and will release the Preliminary Design Report for the Project.

MWDOC is in the process of awarding a construction contract for the decommissioning and removal of the test facilities at Doheny State Park.

MWDOC is awaiting NWRI to schedule the Science Advisory Panel to review both the SJBA and the South Coast Water District Foundational Action Program Studies.

Trampas Canyon Reservoir

The \$15 million State Water Resources Control Board Grant was approved as well as a \$47 million 1% Interest Loan. Additional funding will be from new development funding, potential partners and District New Capital Project Reserves. SMWD continues to work with RMV on the sale and transfer of ownership on the land needed for the project. The transfer of ownership will be needed before DSOD will give final approval for the project. The applications for regulatory permits from the Regional Board, Army Corps of Engineers, and Department of Fish and Wildlife were submitted during the week of July 11, 2016. Comments have been received from the Regional Board that are currently being addressed. Glen Lukos Associates (GLA) is completing the resubmittal package to go to the regulatory agencies, and resubmittal is anticipated in December. Butier Engineering (teamed with Black & Veach consulting engineers) has commenced work on the constructability review of the Plans and Specifications. The 100% Plans & Specifications package is scheduled to be submitted to DSOD for final approval in early February, 2017.

San Juan Watershed Project

On November 30th, SMWD posted the Notice of Preparation of a Draft Environmental Impact Report for the San Juan Watershed Project. SMWD is now in the public comment period. SMWD continues to meet with agencies to discuss and define the project. The Regional Water Quality Control Board is one of the agencies that has reached with interest in the project. On November 18th, the Board authorized award of a contract with Wildermuth Environmental for Hydrogeological design and associated EIR Support Engineering Services for Phase 1 of the project.

SMWD is hosting a tour of the project location on January 26 at 11:30.

Other NEW Information on South County Projects as of August 2016:

- **Advanced Purified Water (APW) Facility at Lake Mission Viejo** – SMWD has proceeded with construction of a recycled water treatment facility to provide additional treatment for the SMWD's disinfected, tertiary effluent and produce advanced purified water to maintain water levels in Lake Mission Viejo. The APW will incorporate a collection of treatment processes including ultrafiltration, chemical conditioning, reverse osmosis, and UV disinfection. Effluent will be discharged into Lake Mission Viejo with the remaining effluent distributed in the SMWD's existing recycled water system through additional piping connections. Production capacity of the APW facility is expected to be 600 AFY. The estimated operational date is this fall.
- **Camp Pendleton Seawater Desalination Project** - San Diego County Water Authority (SDCWA) is studying a desalination project to be located at the southwest corner of Camp Pendleton Marine Corps Base adjacent to the Santa Margarita River. The project is currently in the feasibility study stage and SDCWA is conducting geological surveys, analyzing intake options, and studying the effect on ocean life and routes to bring desalinated water to SDCWA's delivery system. MWDOC and the Doheny Desal Participants are working to lease the Doheny Mobile Test Facility to Michael Baker International for use at the SDCWA intake study testing site.
- **Expansion of the Irvine Interconnection Project to South Orange County** - An agreement completed in 2006 resulted in an investment by South Orange County (SOC) agencies in the Irvine Ranch Water District (IRWD) system to allow exchanges of water to be delivered by IRWD into SOC under emergency situations. Project capacity was committed by IRWD to move up to 30 cfs of emergency supplies whereas the agreement allows moving up to 50 cfs, not to exceed 3,000 AF per emergency event. In accordance with the Agreement with IRWD, the emergency capacity committed to the SOC agencies declines over time and goes to zero by 2030. IRWD is examining their ability to increase the exchange and conveyance of water under this arrangement or extend to extend the end date of the agreement and the capacity thereunder. MWDOC is working on other options with OCWD and MET to move groundwater via the EOCF#2 to SOC during emergency events.
- **Baker Water Treatment Plant** - The Baker Water Treatment Plant is a joint regional project by five SOC water districts to build a 28.1 million gallon per day (mgd) [43.5 cubic feet per second (cfs)] drinking water treatment plant at the site of the former Baker Filtration Plant in the City of Lake Forest is nearing completion. The project will provide increased water supply reliability to South Orange County by increasing local treatment capability from multiple water supply sources, including imported untreated water from MET through the Santiago Lateral and local surface water from Irvine Lake. The project will provide a reliable local drinking water supply during emergencies or extended facility shutdowns on the MET delivery system. It will also increase operational flexibility by creating redundancy within the water conveyance system. The advanced treatment processes - microfiltration treatment and ultraviolet disinfection technologies – will produce water that meets standards stricter than current regulatory requirements, resulting in a consistent, high quality source of drinking water for South Orange County. Plans are underway for the start of

operation in November 2016; MWDOC, IRWD, SMWD and the Project Participants are working on the meter reading and water invoicing as part of the water will be pumped into the South County Pipeline.

- **Laguna Beach County Water District Groundwater Project with Newport Beach**
– MWDOC, MET, Laguna Beach County Water District and Newport Beach have been working to activate Laguna Beach County's access to 2,025 AF of groundwater from within the Orange County Water District Basin. Deliveries began in September 2016.

If any agencies would like to have updates included herein on any projects within your service area, please email the updates to Karl Seckel at kseckel@mwdoc.com



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA
700 N. Alameda Street, Los Angeles, California 90012

Schedule of Meetings January 2017

Monday, January 2

OBSERVANCE OF NEW YEARS' DAY—DISTRICT OFFICES CLOSED

Monday, January 9

9:30 a.m.	Finance and Insurance Committee	Rm. 2-145
10:00 a.m.	Water Planning and Stewardship Committee	Rm. 2-456
12:00 p.m.	Engineering and Operations Committee	Rm. 2-145
1:00 p.m.	Communications and Legislation Committee	Rm. 2-456

Tuesday, January 10

9:00 a.m.	Legal and Claims Committee	Rm. 2-145
10:30 a.m.	Organization, Personnel and Technology Committee	Rm. 2-145
12:00 p.m.	Board Meeting	Board Room

Monday, January 16

MARTIN LUTHER KING JR DAY HOLIDAY—DISTRICT OFFICES CLOSED

Tuesday, January 24

9:30 a.m.	Agriculture and Industry Relations Committee	Rm. 2-145
10:30 a.m.	Special Committee on Bay-Delta	Rm. 2-456
12:00 p.m.	Executive Committee	Board Room
12:30 p.m.	Integrated Resources Planning Committee	Rm. 2-145